

In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

I, Peter Baddiley, of Level 21, 69 Ann Street, Brisbane, in the State of Queensland, say as follows:

1. I am the Regional Hydrology Manager for Queensland in the Bureau of Meteorology (**the Bureau**). The Bureau is Australia's national weather, climate and water agency. I was performing the role of Regional Hydrology Manager during the recent Queensland flood events, including the major flood episode in southeast Queensland in December 2010 and January 2011. I am a Chartered Professional Engineer (CPEng), and a Registered Professional Engineer of Queensland (RPEQ), with 30 years experience in the water engineering field, particularly in operational hydrology. I have an Honours Degree in Engineering (Bachelor of Engineering (Civil), University of Queensland, 1977).
2. Prior to joining the Bureau in 1980, I worked as an Engineer for an engineering consultancy, WBM-Oceanics Australia, primarily in the area of hydraulic modelling of rivers and waterways as a part of studies to assess floodplain development and management options.
3. In the Bureau, I have held the following positions:
 - a. Engineer, Hydrometeorology Section, Brisbane (1980-1987);
 - b. Senior Engineer, Hydrometeorology Section, Brisbane (1987-1990);
 - c. Supervising Engineer, Hydrometeorology Section, Brisbane (1990-2008);
 - d. Regional Hydrology Manager, Water Division, Brisbane (current position);
 - e. In addition, during my career in the Bureau, and as a member of the Queensland Region Executive, I have acted as Regional Director for Queensland in a number of short periods since the mid-1990s.

Lodged on behalf of the Commonwealth of Australia

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4. As a part of my work in the Bureau, I have been involved in the design, management and operation of flood warning systems in Queensland. The development of flood warning systems has been done in co-operation with many local governments and other water agencies, and during the past two decades, has seen significant expansion and automation using advanced monitoring and communication capabilities. I have led a team involved in the development and continuous improvement of computer-based flood forecasting models and flood warning information services, much of which has been made available on the Bureau's flood warning website. I have published papers on flood warning services and systems and have represented the Bureau in many water engineering and flood-related project management, consultative and technical advisory groups in association with state and local government, water agencies and disaster management agencies.

Request for information from the Queensland Floods Commission of Inquiry dated 22 March 2011

5. This statement is provided in response to a request for information from the Queensland Floods Commission of Inquiry (**the Commission**) dated 22 March 2011 which was received by the Bureau on the following day. Attached hereto and marked "PB-1" is a copy of this request for information (**the Request**).
6. I have been informed that the Bureau's Regional Director for Queensland, Mr James (Jim) Davidson, has provided a witness statement to the Commission (**Mr Davidson's statement**) in relation to those issues outlined in the Request which fall more within his area of knowledge and expertise. In particular, Mr Davidson has addressed in his witness statement those issues which were outlined under Item 1 ('BOM overview') and Item 3 ('Toowoomba/Lockyer Valley') of the Request, as well as providing responses to some additional issues stated in the Request.
7. I will be providing information in particular in response to:
 - the issues set out under Item 2 ('Interrelationship with government agencies and dam operations') of the Request, excluding dot point 2 of Item 2 which is responded to in Mr Davidson's statement, and
 - other issues concerning rainfall and river gauges outlined in the Request.

Except where otherwise stated, I make this statement from my own knowledge and on information and belief after making enquiries within the Bureau.

Report and background briefing provided by the Bureau to the Commission of Inquiry

8. I have been involved in the preparation of a detailed report to the Commission titled "Report to Queensland Floods Commission of Inquiry: provided in response to a request for information from the Queensland Floods Commission of Inquiry received by the Bureau of Meteorology on 4 March 2011", which was prepared in response to an earlier request for information from the Commission received by the Bureau on 4 March 2011 (**the Report**). A copy of the Report is attached to Mr Davidson's statement as "JD1".
9. I also contributed to the 'Provision of Preliminary Meteorological and Hydrological Information: Background Briefing for the Queensland Floods Commission of Inquiry' (**the Background Briefing**) which was provided to the Commission on 17 March 2011. A copy of the Background Briefing is attached hereto and marked as "PB-2".
10. To avoid repetition, in responding to the issues outlined in the Request, I will refer to relevant sections of the Report and the Background Briefing to the extent it is appropriate. I will now address the issues in the order they are set out in Item 2 of the Request.

Response to issues in Item 2 of the Request

Description of the relationship between the Bureau, Flood Operations Centre and Seqwater in relation to information provision, forecasts, data collection, advice, consultation, etc.

11. Section 7, Paragraph 241 of the Report provides a description of the roles of the Bureau, Seqwater (working as the Flood Operations Centre (FOC)) and other agencies with regards to flood episodes in the Brisbane River.
12. In relation to data collection, the Bureau and Seqwater work cooperatively to share data available for Brisbane River flood monitoring and forecasting. Seqwater is the owner and operator of a network of automatic rainfall and water level stations in the Brisbane River basin. These stations are compatible with the Bureau's "ALERT-type" (real-time event reporting via VHF radio) flood warning systems and the Bureau has supplied Seqwater with the Bureau ENVIROMON software package which receives, displays and stores the data collected from the monitoring network. As described in Section 7.2 of the Report, Seqwater makes data from their Brisbane River basin monitoring network available to the Bureau on a direct and continuous basis and the Bureau provides Seqwater with data from other monitoring stations in and adjacent to the Brisbane River catchments and elsewhere in southeast Queensland.

13. In relation to information provision, forecasts and other communication, Sections 7.1 and 7.2 of the Report are relevant as those sections cover the range of forecasts and warning products which the Bureau provides to Seqwater. Section 7.2 in particular provides information on the forms of communication between the Bureau, Seqwater and Seqwater Flood Operations Centre.

Actual forecasts and warnings given to the Flood Operations Centre during the January 2011 Flood Event.

14. Sections 7.1 (in particular Table 7.1.1) and 7.2 of the Report provide a listing of the Bureau forecasting and warning products received by Seqwater. A list of the specific products provided to Seqwater for the period of 6-19 January 2011 is attached hereto and marked as "PB-3".

Other communication, including exhaustive accounts of communication between BOM and the Flood Operations Centre during the January 2011 Flood Event.

15. Section 7.2 of the Report provides a description of the forms of communications which take place between the Bureau and FOC during flood episodes.
16. A list of phone calls between the Bureau and FOC is attached hereto and marked as "PB-4".
17. Copies of emails between the Bureau and FOC for the period of 6 January to 19 January 2011 are attached hereto and marked as "PB-5". In my experience, the Bureau will often respond to an email from FOC by telephoning the person from FOC who sent the email.
18. In relation to communications with Seqwater other than the FOC, I was involved in a telephone conference on Monday 10 January from approximately 12:30pm to 1:20pm arranged by the SEQ Water Grid Manager which, as far as I am aware, involved the SEQ Water Grid Manager, Queensland Department of Premier and Cabinet, Seqwater, the Brisbane City Council, and the Ipswich City Council. Other agencies may have been involved in the telephone conference but I am unable to confirm this as no other persons introduced themselves on the call.
19. To my understanding, the telephone conference was conducted to provide an update for those involved in the call regarding the Technical Situation Report issued by the Grid Manager; the developing flood situation in the Brisbane River; latest Wivenhoe Dam release strategies; downstream river height predictions; and the information needs of the Brisbane City Council to relate predicted flood levels to tide datum.

Seqwaters's January 2011 Flood Event Report on the operation of the Somerset Dam and Wivenhoe Dam

20. The Bureau has continued to work closely with Seqwater during recent flood events. Due to ongoing operational requirements and the need to respond to the Commission on a range of questions and associated provision of data, the Bureau has not had the opportunity to examine the extensive Seqwater Report in detail. However, if required, the Bureau could provide an analysis as a separate submission if the Commission has particular issues it wishes the Bureau to address. Regarding the Quantitative Precipitation Forecast (QPF) calculations for specific catchments and apparent reliance on some QPF estimates referred to in the Seqwater Report, the Bureau has continually and openly advised of the uncertainty of these catchment estimates.
21. The Bureau has over a long period of time advised Seqwater of uncertainty in rainfall forecasts over small space and time scales, such as for catchments. It was recently reaffirmed by email by the Bureau to Seqwater on 1 December 2010 that "whilst weather prediction models are steadily improving, the forecast of rainfall amounts over catchment time/space scales is recognised as one of the most challenging/difficult tasks". In this email communication, attached hereto as "PB-6", the Bureau also provided a copy of a report titled "Rainfall Forecasting for the Wivenhoe Dam Catchment (2006)" (**the 2006 Report**), attached hereto as "PB-7".
22. The 2006 Report states at page 3 that "the capability of the science to provide sufficiently reliable 24 to 48 hour advance predictions of high catchment average rainfalls is limited". As a brief explanation of this, the 2006 Report (at page 1) states "that the improved skill of numerical weather prediction (NWP) models in recent years has particularly been in forecasting the development and movement of broad-scale synoptic features that would be likely to produce the threshold rainfall amounts in question. These large-scale features include decaying tropical cyclones, east coast low pressure systems and significant upper level troughs. However while these systems may be well forecast on a time scale of 2 to 3 days the very heavy rainfall concentrations are dependent on finer scale (mesoscale) and convective features. Whilst there is often the ability to forecast the potential for a significant rain event to occur in the southeast Qld-northern NSW region, it is difficult (if not impossible) to predict the actual location of the heaviest rain, even with only a few hours notice." For larger catchments, it is more likely that the area-averaged NWP rainfall forecasts will be more reliable, although, in Queensland, runoff generation may still be dominated by embedded heavy rain over parts of the catchment.

23. The Bureau also considers that rainfall intensity and spatial variation is very important in determining inflows to storages and even a successful forecast of rainfall on a daily timescale may not be useful for decisions regarding dam operations.

24. The Bureau's view, and the advice which has been consistently provided to Seqwater by the Bureau, is reflected in Seqwater's "January 2011 Flood Event Report on the Operation of Somerset Dam and Wivenhoe Dam" (Section 6.2, page 55) which states:

A number of rainfall forecasting tools were provided by the Bureau of Meteorology (BoM) and were used to inform decision-making during the January 2011 Flood Event. Seqwater understands from experience and ongoing discussions with BoM that there are always uncertainties associated with rainfall forecasts. Previous flood event reports have discussed these uncertainties. While rainfall forecasts provide an awareness of potential flood event conditions, as shown below and in previous flood event reports, the forecasts themselves do not provide a definitive basis on which to make operational decisions on releasing flood water from the Dams. Generally, the longer the forecast lead times, the higher the degree of uncertainty in the forecast.

25. As described in the Bureau's Report, the Bureau's longer-range forecasts for the wet season, and during the critical heavy rainfall periods in southeast Queensland during Dec 2010 and Jan 2011, provided good quality information for disaster managers and dam owners regarding the expected very heavy rainfalls. It is further noted, however, that the provision of accurate and reliable forecasts of rainfall amounts and intensities for a 1, 3 and 5 day forecast period on the spatial scale of Somerset and Wivenhoe Dam catchments is currently limited by the state of the meteorological science and modelling, although improvements are being made through active research by the Bureau and the international meteorological community.

Duplication of equipment

26. Duplicated equipment is generally an outcome of decisions taken by relevant agencies to install new and upgraded flood warning systems consisting of a network of rainfall and water level monitoring stations in a catchment or region. It is important to note that duplication of monitoring station equipment forms one part of a package of measures taken to develop more resilient end-to-end flood warning systems. Duplication may typically also involve duplicated communication paths (e.g. additional repeaters to allow for multiple paths of radio communications and/or backup computer-to-computer data transfers) and multiple locations at

which the rainfall and water level data is received and analysed (e.g. at computers in one or more local agency offices in addition to the Bureau's computer systems).

27. The Bureau provides advice to local agencies which is generally limited to the design, specification and commissioning of a monitoring network. It is the responsibility of the local agencies to apply for funding for additional equipment, not the Bureau.
28. In recent years, the installation of a new or upgraded flood warning system has generally been initiated by an agency (usually a local government), at times in consultation with the Bureau, seeking funding via the Commonwealth Natural Disaster Resilience Program (or previously the Regional Flood Mitigation Program and Natural Disasters Mitigation Program). The priorities for this funding are as established by the NDRP assessment process. Frequently, the driver for establishing an improved flood warning system is the experience of past flooding or as a mitigation option arising from a risk management study.
29. These upgraded systems generally include a number of flood warning monitoring stations (rainfall and water level) which frequently augment an existing monitoring network, either based on volunteers taking rainfall and water levels and/or automatic stations with telephone-based communications. Generally, in respect of field monitoring stations, duplicated equipment is established at selected water level stations, rather than rainfall stations. For rainfall stations, it is generally more effective to have additional independent rainfall stations at other locations to provide improved monitoring coverage of areas in the catchment.
30. A typical example is the installation of new ALERT radio telemetry equipment at an existing Department of Environment and Resource Management gauging station. This provides for both cost effectiveness and increased robustness for a water level station which is used in monitoring and modelling floods. A second typical example is where automatic equipment is installed at a volunteer river height station where the volunteer reader is retained to provide check readings.

Rainfall and river gauges in Toowoomba, Cooby Creek Dam, Upper Sandy, Helidon, Sandy Creek, Flagstone Creek or Ma Ma Creek

31. For the locations listed above, the following table summarises the use of duplication in measuring equipment and communications.

Location	Station Names	Duplicated	Duplicated

	(& Ownership)	Measurement	Communications
Toowoomba	Toowoomba AL (Seqwater) Toowoomba AWS (Bureau)	Yes. (Independent stations)	Yes (Independent stations)
Cooby Creek Dam	Cooby Creek Dam (Bureau) Cooby Creek Dam AL (Toowoomba Regional Council)	Partial (daily manual rainfall and automatic event- reporting rainfall)	Yes (telephone, VHF)
Upper Sandy Creek	Upper Sandy Creek AL (Lockyer Valley Regional Council)	No	No
Helidon	Helidon TM (DERM) Helidon AL (Seqwater)	Partial (shared gas line, independent sensing equipment)	Yes (telephone, VHF)
Sandy Creek Road	Sandy Creek Road AL (Lockyer Valley Regional Council)	No	No
Flagstone Creek	Flagstone Creek TM (DERM)	No	Partial – duplicate polling of the logger by DERM and the Bureau but both rely on telephone.
Ma Ma Creek	Ma Ma Creek TM (DERM)	No	Partial – duplicate polling of the logger by DERM and the Bureau but both

			rely on telephone.
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Recommendations for duplicate equipment in this region following the weather events on 10 and 11 January 2011

32. As a consequence of the recent severe flooding, it is anticipated that there will be increased interest from agencies, including local governments, in new and upgraded flood warning systems for many areas/locations in Queensland, including the Toowoomba-Lockyer valley region. Such systems are likely to involve additional stations as well as some duplication of existing rainfall and/or water level stations, but also importantly involve end-to-end warning-response arrangements.
33. As mentioned above at paragraph 27, these agencies can make direct applications to the NDRP for the new or upgraded flood warning system they require. The priorities for this funding are as established by the NDRP assessment process.
34. Two existing consultative committees involved in flood warning and flood risk management in Queensland, namely the Queensland Flood Consultative Committee (QFCC) and the Flood Warning Consultative Committee (FWCC), may also play a role in recommending, or advising on, future improvements to flood warning systems and other flood mitigation measures. The QFCC is a state government inter-departmental committee chaired by Emergency Management Queensland. The Bureau is a member of the QFCC. The Bureau established the FWCC in the late 1980s as an advisory committee to the Bureau and participating state and local agencies. It is chaired by the Regional Director, Mr Davidson. The FWCC acts as one of the advisory bodies to the QFCC.

Date: 5 April 2011



Peter Baddiley

In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

Annexure "PB-1"

Our ref: 1557845

22 March 2011

Ms Janette Dines
Assistant Secretary
Office of Legal Services Coordination
Attorney-General's Department
3-5 National Circuit
BARTON ACT 2600

Dear Ms Dines

Following our meeting on 21 March 2011 it is confirmed that the Bureau of Meteorology (BOM) will provide three statements as per below:

1. BOM overview (whether it be one or three persons as per their field of speciality):
 - evidence to set the scene as to the lead up to the 2010/2011 flood/storm season in a 'Weather 101' type format;
 - evidence to be accompanied by graphics/visuals;
 - description of flooding as it happened across the State;
 - description of BOMs role as information provider and warning service in a broad sense rather than a warning source for particular local areas;
 - description as to how information is disseminated to state and local government, emergency services, and the Queensland Police Service.
 - the type of warnings provided, that is, flash flooding warnings not a regular service.
2. Interrelationship with government agencies and dam operations:
 - description of the relationship between BOM, the Flood Operations Centre and Seqwater as to information provision, forecasts, data collection, advice, consultation etc;
 - description of the weather events in the Wivenhoe and Somerset catchments during the January 2011 Flood Event (6-19 January 2011);
 - actual forecasts and warnings given to the Flood Operations Centre during the January 2011 Flood Event;
 - other communications, including exhaustive accounts of communication between BOM and the Flood Operations Centre during the January 2011 Flood Event;
 - other communications between BOM and Seqwater (excluding Seqwater employees at the Flood Operations Centre) during the January 2011 Flood Event;
 - BOM's response to the statements made in Seqwater's January 2011 Flood Event Report on the operation of Somerset Dam and Wivenhoe Dam regarding forecasting, data collection and so on (see particularly section 6 of the Report);
 - BOM's comments on the forecasts, data, methodology etc used by Seqwater in section 6 of the Report.

3. Toowoomba/Lockyer Valley

- Describe the three separate weather events in Toowoomba, the Lockyer Valley and Forest Hill;
- Explain the weather, rainfall and any hydrological issues particular to the region in the lead up to and including 10 and 11 January 2011;
- Describe BOMs particular observations and warnings issued relevant to each separate weather event (Toowoomba, Lockyer Valley, Forest Hill);
- Particularise communications and information, including exhaustive accounts of communication, given to State and local government, emergency services and the Queensland Police Service to assist in warning the community of the impending weather events.

Statements may be required from additional BOM representatives to give an exhaustive account of conversations with dam operators across the State.

We are also seeking direct commentary from a BOM representative in relation to the following issues:

At page 6 of your report entitled 'Provision of Preliminary Meteorological and Hydrological Information: Background Briefing for the Queensland Floods Commission of Inquiry' you identify that to improve the robustness of flood warning networks some stations have duplicated equipment and or communication capability.

How do you establish which areas are in need of this measure?

Did any of the rainfall or river gauges as identified in Appendix 2 and 3 namely Toowoomba, Cooby Creek Dam, Upper Sandy, Helidon, Sandy Creek, Flagstone Creek or Ma Ma Creek have duplicate equipment?

Will there be recommendations for duplicate equipment in this region following the weather events on 10 and 11 January 2011?

If private meteorologists and/or amateur bloggers on the Weatherzone forum could identify the flash flooding danger to Grantham residents as early as 12:16 and 14:34 why was it not within the capacity of BOM to do so?

If BOM did identify the flash flooding in the Lockyer River and heading towards Grantham what action did they take to advise the relevant local government, emergency services and the Queensland Police Service?

In our meeting on 21 March 2011 it appeared the State Disaster Coordination Centre was advised of flooding in Toowoomba at approximately 13:00 but it was not clarified that the Lockyer Valley was also identified in this advice. Could you please clarify?

Why, if the Toowoomba/Lockyer Valley region was receiving warnings entitled 'top priority for immediate broadcast severe weather warnings' at 11 am and 11.05 am on Monday,

11 January 2011 via BOM postings on their website were river and rain gauges, especially Helidon, not being monitored more diligently?

Do private meteorological companies have a liaison person at BOM to provide information to? If not why not?

Can you please provide to us the various names of the persons who will be providing statements and the issues they will be covering as soon as possible.

When we receive the statements we will be in a position to advise witnesses as to when they will be called and the issues that will be covered in their evidence.

We would ask for these statements by 5pm, Friday 1 April 2011.

We thank you for your assistance.

Yours sincerely



Jané Moynihan
Executive Director

In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

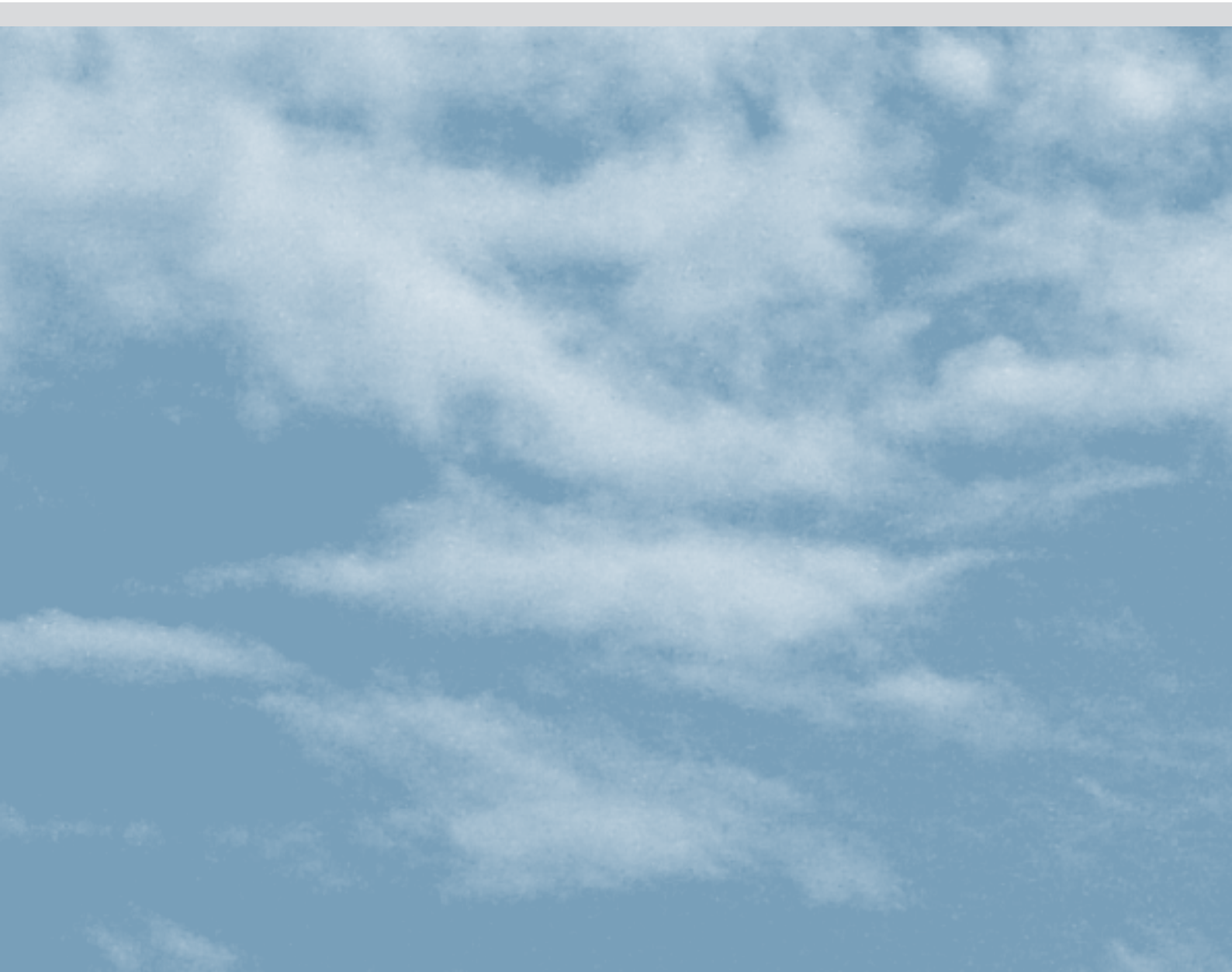
Annexure "PB-2"



Australian Government
Bureau of Meteorology

Provision of Preliminary Meteorological and Hydrological Information:

Background briefing for the Queensland Floods Commission of Inquiry.



This report has been prepared for the sole purpose of providing background information to the Commission of Inquiry for the Queensland Floods. Any version of it or parts from it that is/are to be provided publically are subject to appropriate legal clearance.

NOTES:

1. This report includes data made available to the Bureau by other agencies, including Department of Environment and Resource Management (DERM), SunWater, Seqwater and Lockyer Valley Regional Council. Separate approval may be required to use the data for other purposes. See Appendix 1 for the DERM Usage Agreement.
2. This report does not provide a complete set of all data available. It is a representation of key information.
3. The frequency analysis in this report is for rainfall only. A flood frequency analysis would be required to assess the probability of flood levels reached at each location.
4. All times used in this report are EST unless otherwise stated.

CONTENTS

ABSTRACT	1
1 Introduction	1
1.1 Role of the Bureau of Meteorology	1
1.2 Data Availability	1
2 Preliminary Meteorological Summary	2
2.1 Climate and Rainfall: July 2010 to January 2011	2
Figure 2.1.1 Queensland record rainfall distribution: December 2010.	2
2.2 Preliminary Meteorological Analysis – 9 to 12 January 2011	3
Figure 2.2.1 Mean Sea Level Pressure (MSLP) Charts for Australia from 9 to 12 January 2011. Blue shaded areas indicate rainfall.	3
Figure 2.2.2 Upper level analysis charts for 9 and 10 January 2011	4
2.3 Preliminary Radar Imagery Analysis	6
Figure 2.3.1 Brisbane (Mount Stapylton) radar imagery from 10am to 3pm on 10 January 2011.	5
3 Preliminary Hydrological Summary	6
3.1 Overview of Catchment Areas, Flood Warning Rainfall and River Height Networks in Report Area	6
Table 3.1 Different types of monitoring stations	6
3.2 Lead-up Rainfall and Flood Conditions: October to December 2010	6
Figure 3.2.1 Three-monthly rainfall totals for Queensland: October to December 2010.	7
Figure 3.2.2 Three-monthly rainfall percentages for Queensland: October to December 2010.	7
3.3 Rainfall and Flood Conditions: 9 to 12 January 2011	8
Figure 3.3.1 Southeast Queensland rainfall in the 24 hours to 9am on 9 January 2011.	8
Figure 3.3.2 Southeast Queensland rainfall in the 24 hours to 9am on 10 January 2011.	8
Figure 3.3.3 Southeast Queensland rainfall in the 24 hours to 9am on 11 January 2011.	8
Figure 3.3.4 Southeast Queensland rainfall in the 24 hours to 9am on 12 January 2011	8
3.4 Preliminary Hydrological Analysis at Specified Locations	9
3.4.1 Toowoomba	9
Figure 3.4.1.1 Hourly rainfalls for Toowoomba AL for the period December 2010 to January 2011.	9
Figure 3.4.1.2 Rainfall IFD analysis for Toowoomba AL.	10
Figure 3.4.1.3 Water level for Cranley TM for the period 20 December 2010 to 12 January 2011.	10

3.4.2	Lockyer Creek	11
Figure 3.4.2.1	Hourly rainfalls for Sandy Creek Road AL for the period December 2010 to January 2011.	12
Figure 3.4.2.2	Water levels for Helidon AL and Sandy Creek Road AL for the period December 2010 to January 2011.	13
Table 3.4.2	Summary of key rainfalls and water levels on Monday 10 January 2011.	14
Figure 3.4.2.3	Water levels at Lockyer Creek at Helidon AL during 9 to 11 January 2011.	15
Figure 3.4.2.4	Water levels for Sandy Creek at Sandy Creek Road AL during 9 to 11 January 2011.	15
Figure 3.4.2.5	Rainfall for Toowoomba AL and water level for Helidon AL and Sandy Creek Road AL for Monday 10 January 2011.	16
4.	Warnings	17
Appendix 1:	DERM Usage Agreement	18
Appendix 2:	Brisbane, Bremer and Stanley Rivers flood warning network.	19
Appendix 3:	Upper Condamine River flood warning network.	20
Appendix 4:	Toowoomba area map.	21
Appendix 5:	Lockyer Creek area map.	22
Appendix 6:	Detailed Lockyer Creek area map.	23
Appendix 7:	Rainfall Statistics and ARI/AEP definitions	24
Appendix 8:	List of all Warnings issued 9 to 11 January 2011	25
Appendix 9:	Forecast District Map	29
Appendix 10:	Flood, severe weather and flash flood warnings issued by the Bureau of Meteorology between 9 January 2011 and 11 January 2011	30

Abstract

From late 2010 Australia has been experiencing one of the strongest La Niña events on record. Since July 2010, Queensland has had substantial rainfall, including its wettest December on record. A series of major rain events throughout late 2010 and January 2011 resulted in widespread flooding across numerous river systems.

From 9 to 11 January 2011 an upper level low pressure system directed moist tropical air over southeast Queensland. Thunderstorm cells embedded in a rain band produced heavy rainfall across the Sunshine Coast hinterland to southwest of Toowoomba on the 10 January. The heavy rainfall led to river level rises and flash flooding in the upper Lockyer Valley and Toowoomba regions, and subsequent major river flooding along the upper Condamine, lower Lockyer and Warrill Creeks, Brisbane and Bremer Rivers including Brisbane City and Ipswich.

Warnings for major flooding and heavy rain and thunderstorms conducive to flash flooding were issued by the Bureau of Meteorology throughout the period 9 to 11 January 2011. Staff from the Bureau of Meteorology continued to discuss the unfolding conditions with Queensland emergency staff at the Queensland State Disaster Coordination Centre and the media, and provided additional briefings throughout the period.

1. Introduction

On Monday 17 January 2011, Queensland Premier Anna Bligh established an independent Commission of Inquiry to examine the unprecedented flood disaster that impacted 70 per cent of the state. The terms of reference for the inquiry provide for an independent and thorough examination of the chain of events leading to the floods, all aspects of the response and the subsequent aftermath of the 2010-11 Queensland flood events.

This report has been prepared as initial background information for the COI about the extended period of heavy rainfall during December 2010 and January 2011, and a factual summary of weather related events for the period 9 to 11 January 2011 in particular. It includes a description of the seasonal climate and catchment conditions leading up to January 2011, an overview of the meteorological and hydrological events which occurred in Queensland during December 2010 and January 2011, as well as a brief hydrological analysis of rainfall and flood events at specific locations.

This report will be supplemented at a later stage by formal submission to the COI which will include the Bureau's response to specific questions requested by the COI.

1.1 Role of the Bureau of Meteorology

The Bureau was one of the many agencies involved in the Planning, Preparation, Response and Recovery aspects of the flooding events across Queensland.

To assist with planning and preparation of emergency agencies, the Bureau prepares a three month seasonal outlook statement at the end of every month. From September onwards, the outlook statements highlighted the possibility of extensive and above average rainfalls across southeast Queensland and northeast New South Wales. Seasonal outlook information from the Bureau was conveyed through numerous special pre-season briefings (October to November 2010) to emergency managers, State and Territory Governments and the Federal Government.

As well as the provision of public forecasts and warnings, the Bureau's role during severe weather events includes the provision of weather and hydrologic forecasts to emergency services agencies who then manage community messaging and the emergency response. The Bureau's warnings for riverine flooding and severe weather are transmitted to media outlets in the appropriate weather districts, Weather by Fax, the Bureau's recorded phone warning service, the Bureau's Internet, State and Local Government agencies, SES Headquarters and other emergency organisations. The Bureau works closely with local and state governments and catchment authorities, as these organisations provide specific advice and alerts to affected communities and the general public relating to riverine and flash flooding, based on their knowledge of local conditions.

1.2 Data Availability

There are two types of data used by the Bureau relevant to this report.

- a. Operational data. This data is used for flood forecasting and includes information from:
 - i Automatic rainfall gauges
 - ii Automatic Weather Stations (AWS)
 - iii Automatic River gauges
 - iv Manual river readings in some locations
- b. Post event data. This data includes information from:
 - i Bureau daily gauges received monthly
 - ii pluviographs
 - iii data from other agencies

There are fewer sources of operational data. For example in the upper Lockyer Valley on the 10 January 2011, operational data included the automatic rainfall monitoring stations at Toowoomba, Helidon, Upper Sandy Creek and Sandy Creek Road and the water level stations in the Lockyer Creek at Helidon and Gatton. However post event data included daily rainfall data from Withcott and rainfall data from the Toowoomba Regional Council gauge network.

Data in this report comprises operational data which was available during the weather and flood events. Where additional data which may have become available following the event is used it will be highlighted as such. The operational data has some level of quality control for operational purposes (e.g. removing obvious erroneous data), but errors may still exist. Where possible, specific errors or limitations of data are identified.

2. Preliminary Meteorological Summary

2.1 Climate and Rainfall: July 2010 to January 2011

The seasonal climate and catchment conditions leading up to 10 January 2011 are important in understanding the confluence of environmental conditions conducive to the extreme weather and flooding.

During 2010/11, Australia experienced one of the strongest La Niña events on record. For the months of September, October, November and December 2010, ocean temperatures around Australia broke previous highest records by a large margin. Sea surface temperatures off the Queensland coast were also at or near record high levels. Previous strong La Niña events, such as those of 1974 and 1955, were associated with widespread and severe flooding in eastern Australia.

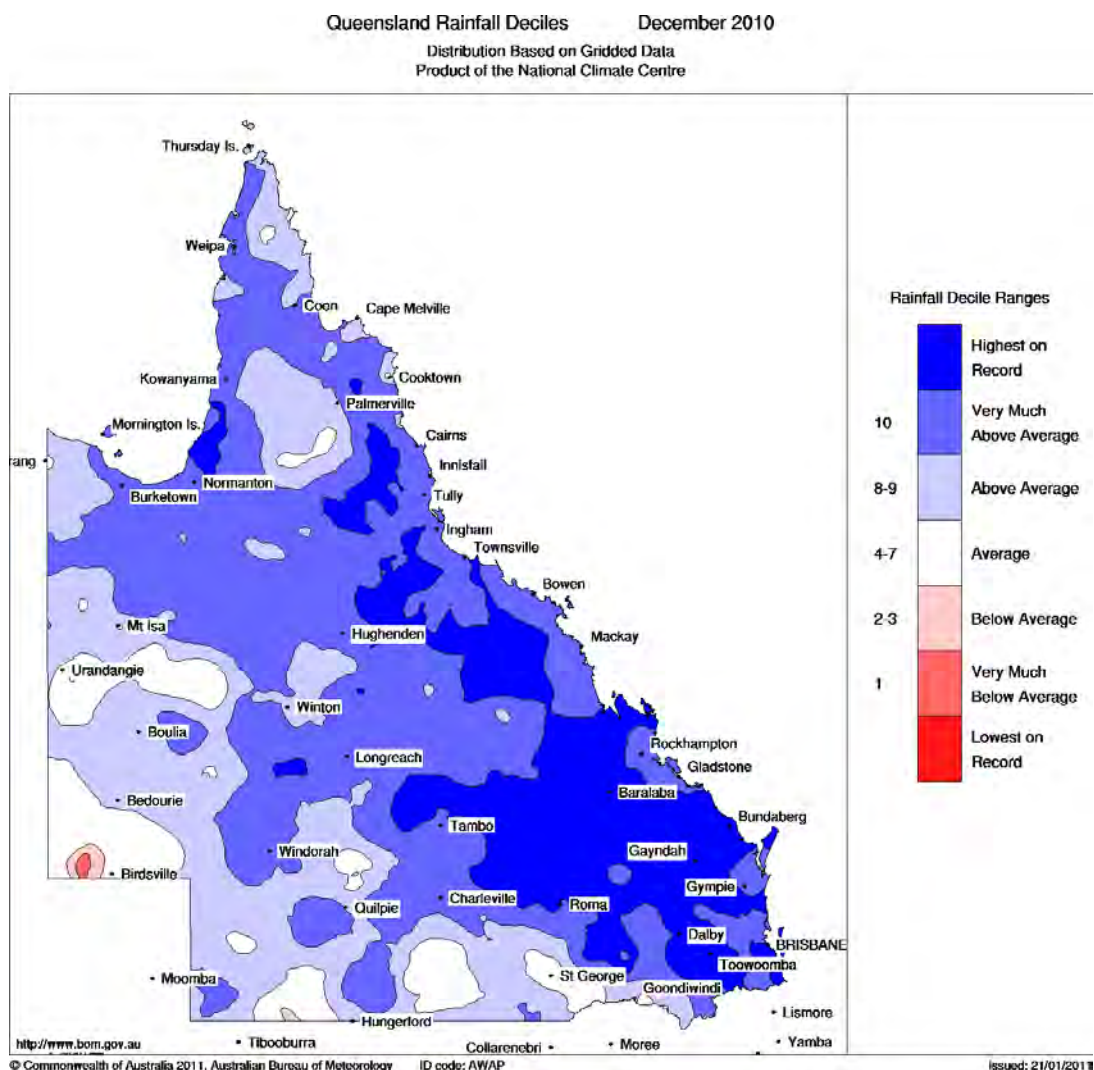


Figure 2.1.1 Queensland record rainfall distribution: December 2010.

Since July 2010, Queensland has had substantial rainfall. It was Australia's wettest July to October period on record and also the wettest July to December on record. Queensland also recorded its wettest December ever. Figure 2.1.1 shows the distribution of areas in the state that received highest December rainfalls on record. In particular it shows that southeast Queensland had experienced very much above average to highest on record rainfall for the period.

During the period 7 to 9 January 2011, very heavy rainfall was recorded over the Burnett and Mary River catchment areas. Twenty-four hour rainfall totals of 100 to 200 millimetres were recorded over these catchment areas, with isolated heavier falls up to 300 millimetres. Rainfall totals of between 80 and 120 millimetres also fell over the Upper Brisbane River catchment during this time, with lighter falls of 20 to 30 millimetres over the Lower Brisbane and Bremer River catchments. Widespread rainfall was also recorded from 7 to 9 January over the Darling Downs (Condamine River and creeks) with totals generally 25 to 50mm, and highest totals of 50 to 100mm in the headwaters above Warwick and in Myall Creek above Dalby.

2.2 Preliminary Meteorological Analysis – 9 to 12 January 2011

The sequence of Mean Sea Level Pressure (MSLP) Charts, shown in Figure 2.2.1, illustrates the surface weather systems that occurred during the period 9 to 12 January 2011. An active monsoon trough extended across northern Queensland and over the Coral Sea linking a series of low pressure systems. A high pressure system over the southern Tasman Sea directed moist easterly winds into the southeast corner of the state.

The southwestward movement of an upper level low pressure system across the southern Queensland coast on 9 January directed moist tropical air into the Sunshine Coast and southeast Queensland (see Figure 2.2.2). This caused intense rainfall to move from the Mary and Burnett River catchments into the Sunshine Coast and the Upper and Lower Brisbane, Bremer and Upper Condamine River catchments including the Lockyer Valley region. Daily falls in excess of 200 millimetres were recorded across these parts to 9am on both 10 and 11 January.

On 12 January, the upper level low weakened and moved further west stabilising conditions and clearing the rainfall from southeast Queensland.

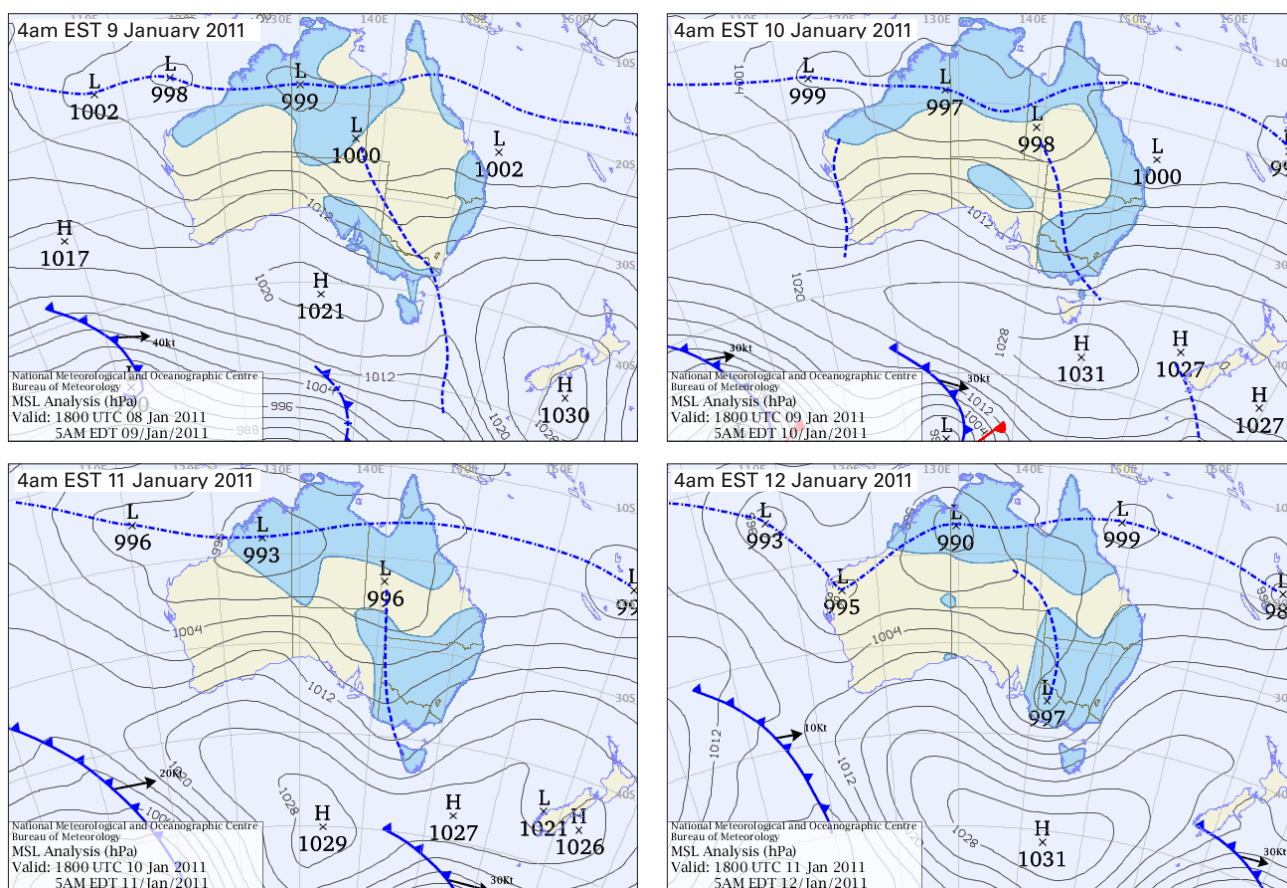
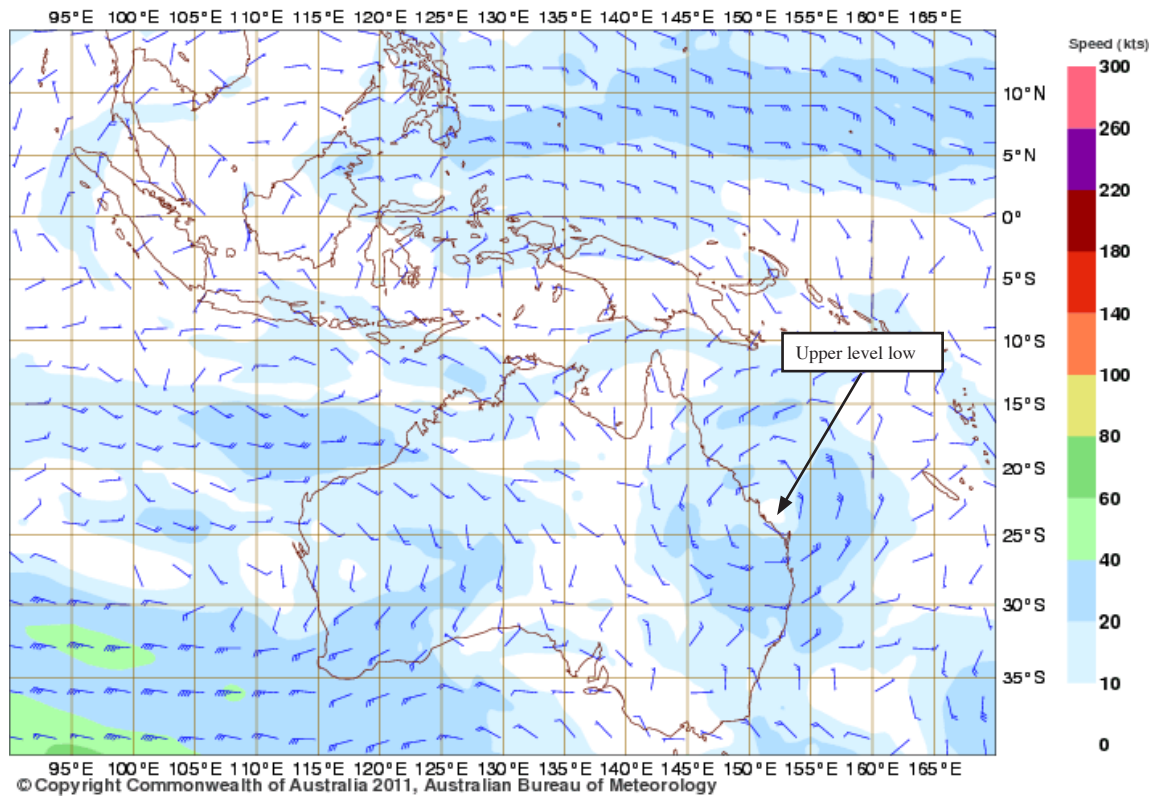


Figure 2.2.1 Mean Sea Level Pressure (MSLP) Charts for Australia from 9 to 12 January 2011. Blue shaded areas indicate rainfall over land.

500hPa winds
Valid 00UTC Sun 09 Jan 2011

ACCESS-Tropical Analysis



500hPa winds
Valid 00UTC Mon 10 Jan 2011

ACCESS-Tropical Analysis

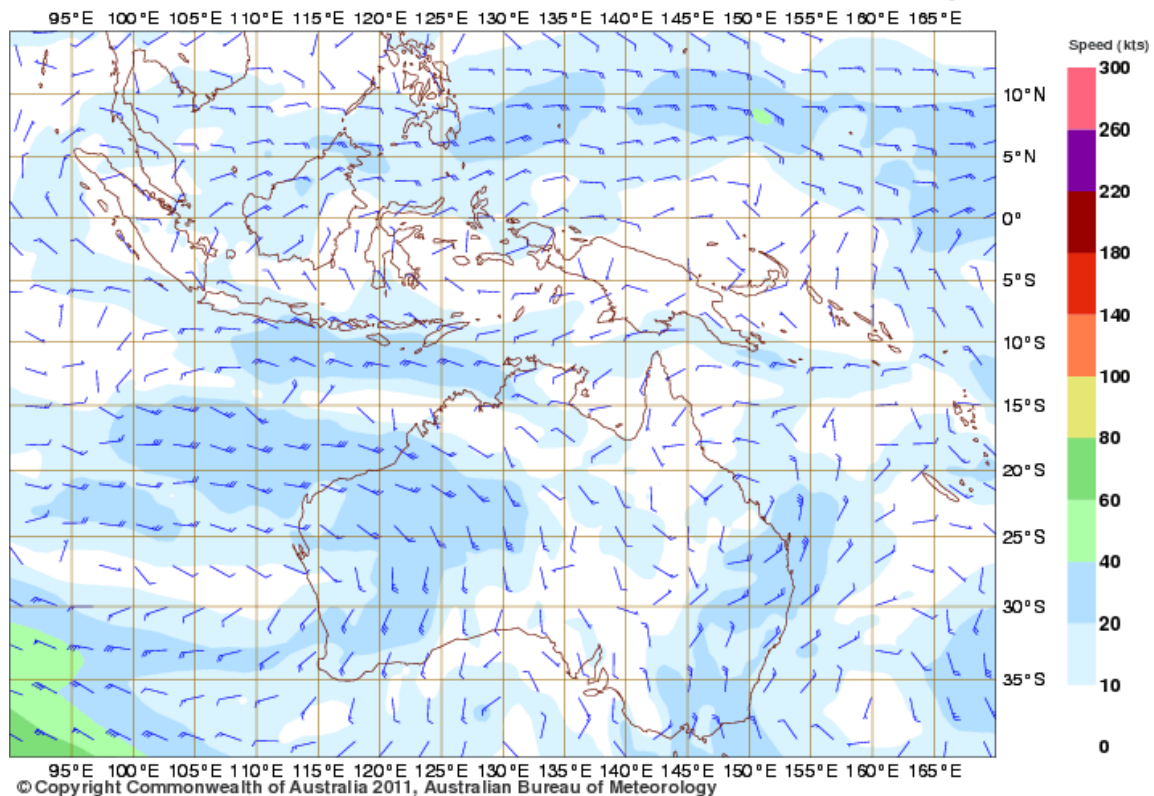
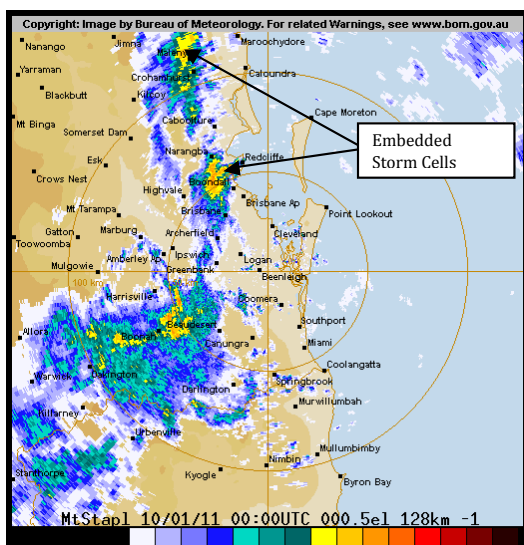
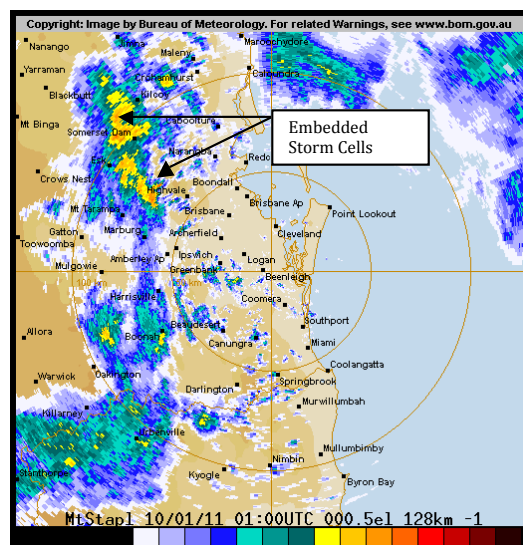


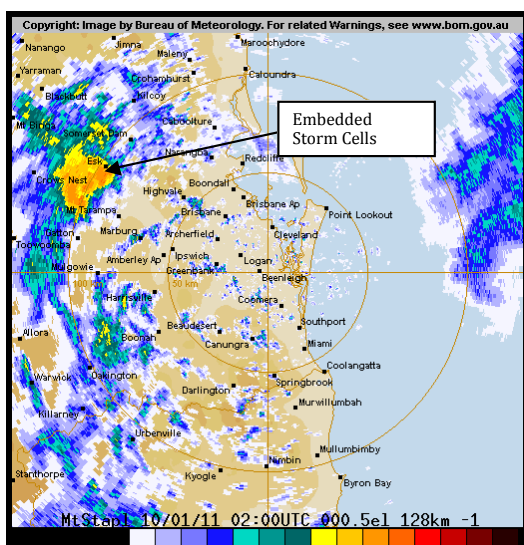
Figure 2.2.2 Upper level analysis charts for 10 am EST 9 and 10 January 2011.



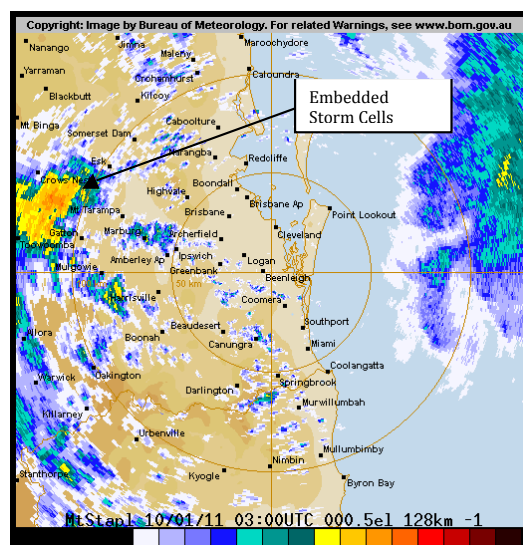
Mt Stapylton Radar 10am EST 10 January 2011



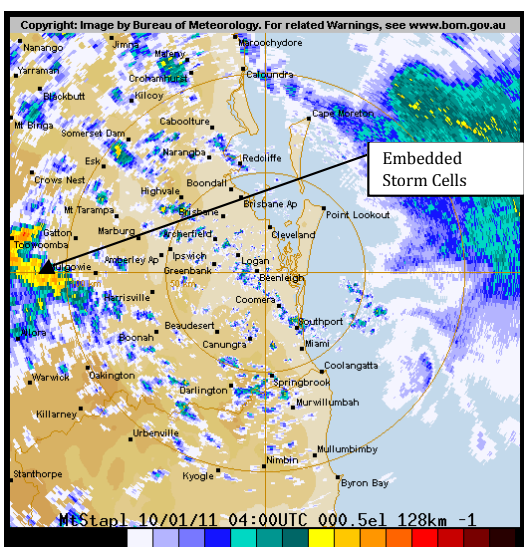
Mt Stapylton Radar 11am EST 10 January 2011



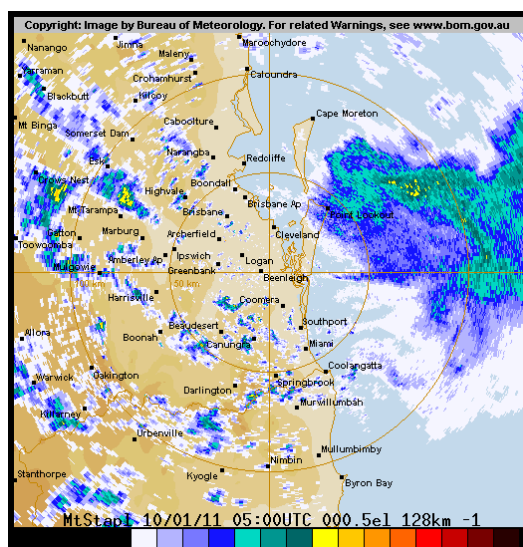
Mt Stapylton Radar Noon EST 10 January 2011



Mt Stapylton Radar 1pm EST 10 January 2011



Mt Stapylton Radar 2pm EST 10 January 2011



Mt Stapylton Radar 3pm EST 10 January 2011

Figure 2.3.1 Brisbane (Mount Stapylton) radar imagery from 10am to 3pm EST on 10 January 2011.

2.3 Preliminary Radar Imagery Analysis

Analysis of radar imagery from 9 to 12 January indicates the most intense rainfall occurred on 10 and 11 January. The sequence of radar imagery in Figure 2.3.1 shows thunderstorm cells moving from northeast to southwest embedded in a rain band on 10 January. The thunderstorm cells affected areas between the Sunshine Coast hinterland to Esk to southwest of Toowoomba between 10am and 3pm on 10 January.

Full radar imagery loops (6 minute resolution) of the Brisbane (Mt Stapylton) radar are supplied in a separate powerpoint document for the period 9 to 11 January.

The radar images show a cross section of reflectivity (reflected microwave energy intensity) at a height considerably above the ground and will not correlate precisely with rainfall occurring at ground level. Note that the intensity scale shown is indicative only and actual rainfall rates can be significantly lighter or heavier depending on the meteorological conditions of the day.

3. Preliminary Hydrological Summary

3.1 Overview of Catchment Areas, Flood Warning Rainfall and River Height Networks in Report Area

The map at Appendix 2 shows an overview map of the entire Brisbane River basin, including its tributary river and creek systems. In particular, for the purpose of this report, it shows the Lockyer Creek catchment area to the east of the Great Dividing Range near Toowoomba.

The map at Appendix 3 shows an overview map of the Upper Condamine River basin, including its tributary river and creek systems. In particular, it shows the Gowrie Creek-Oakey Creek system flowing in a north northwest direction away from the catchment watershed (the Great Dividing range at Toowoomba) towards and through the Toowoomba City, Oakey, Jondaryan and Bowenville areas. Oakey Creek enters the Condamine River near Loudoun Bridge.

For the purpose of this report, it is important to note that the Great Dividing Range is the watershed boundary between the Lockyer Creek catchment (flowing eastwards) and the Condamine River creek systems flowing generally in a westward direction away from the Range.

The maps also show the flood warning network including the locations where rainfall and water level (creek height or river height) data is available to the Bureau during rain and flood events. Most of these stations are automatic, either providing the data via a mode of telephone communications or via VHF radio telemetry communications. At times during rain-flood events, data from some of these stations may not be available because of, for example, equipment failures, communication failures or in high-level flooding, inundation of the equipment. To improve the robustness of flood warning networks, some stations have duplicated equipment and/or communication capability (e.g. reporting via both telephone and VHF radio).

The different types of automatic stations are indicated by their station name (e.g. Toowoomba AL, Toowoomba AWS) and are further described in Table 3.1.

3.2 Lead-up Rainfall and Flood Conditions: October to December 2010

Figures 3.2.1 and 3.2.2 show rainfall totals and rainfall percentages for Queensland for the three-month period 1 October to 31 December 2010. As shown, rainfall totals of 400 to more than 1200 millimetres were recorded over southeast Queensland in the last quarter of 2010. This represents 150% to more than 300% of the total rainfall received on average in southeast Queensland during this three-month period, and resulted in wet catchment conditions in most parts of southeast Queensland, including the upper Condamine and Brisbane River systems.

Flood Warnings were issued for parts of the Brisbane River basin on 5 December; again for the period 19 to 22 December; and commenced again on 27 December 2010. Flood Warnings were also issued for the upper Condamine River area continuously from 5 December 2010 until early January 2011.

STATION NAME ON MAP	EXAMPLE	DESCRIPTION
StationName	Gatton	Manual reading (by agency or volunteer) of rainfall or water level
StationName TM	Gatton TM	Automatic station (TELEMETER) consisting typically of a rain and/or water level sensing equipment, logger and communications via a telephone service.
StationName AL	Gatton AL	Automatic station (ALERT type) consisting typically of a rain and/or water level sensing equipment and reporting continuously via VHF radio.
StationName AWS	Toowoomba AWS	Automatic Weather Station (AWS) reporting a range of weather elements including rainfall.

Table 3.1 Different types of monitoring stations

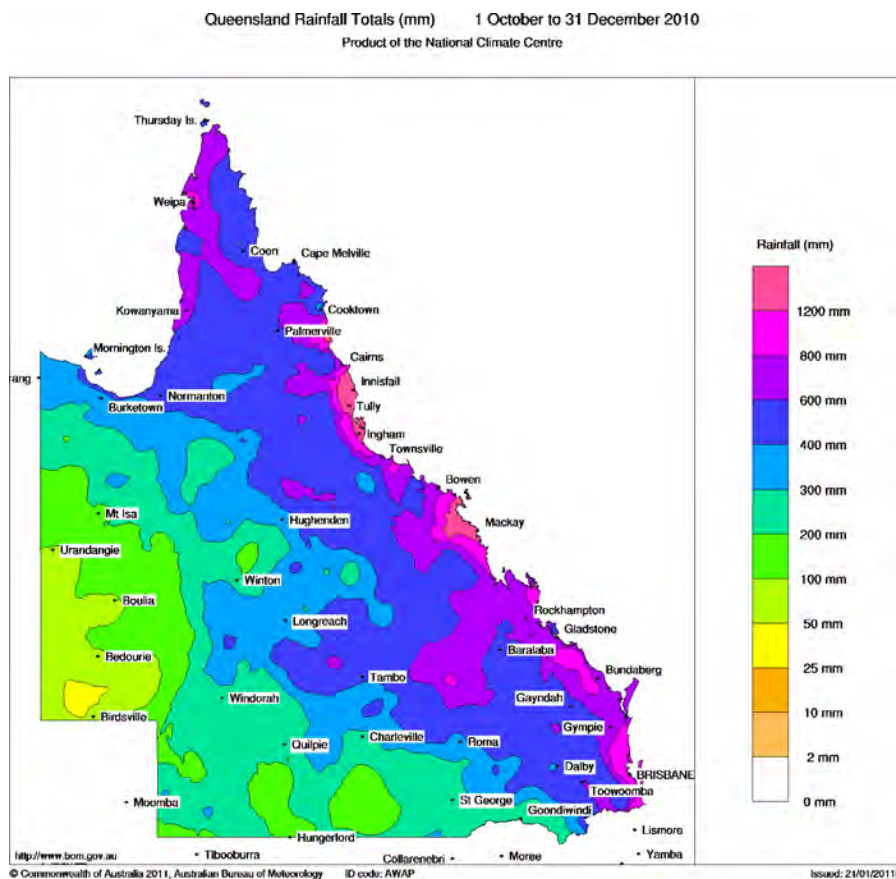


Figure 3.2.1 Three-monthly rainfall totals for Queensland: October to December 2010.

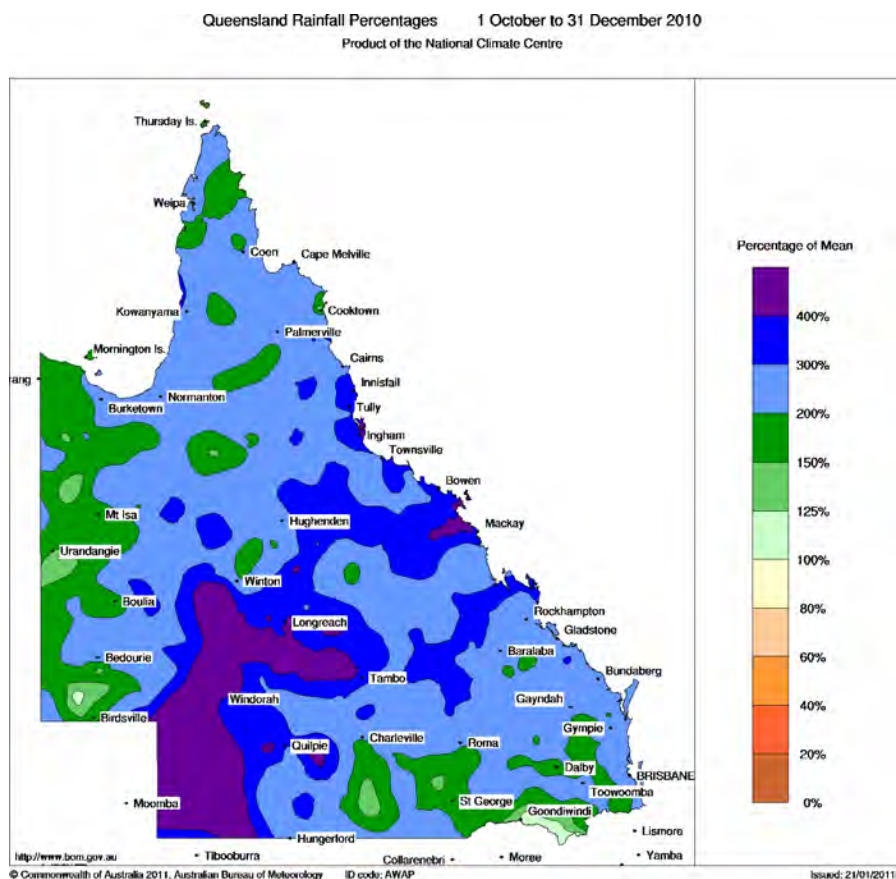


Figure 3.2.2 Three-monthly rainfall percentages for Queensland: October to December 2010.

Flood Warnings were issued for parts of the Brisbane River basin on 5 December; again for the period 19 to 22 December; and commenced again on 27 December 2010. Flood Warnings were also issued for the upper Condamine River area continuously from 5 December 2010 until early January 2011.

3.3 Rainfall and Flood Conditions: 9 to 12 January 2011

Very heavy rainfall was recorded across southeast Queensland from 9 to 12 January 2011 (see Figure 3.3.1 to 3.3.4 which are based on operational data available to the Bureau during the event). Post event reviews suggest that there was additional rainfall between the monitoring stations. Subsequent to the rainfall on the 10 January 2011, the following events occurred:

- fast creek rises and flash flooding in the Toowoomba City area;
- fast rises in Gowrie and Oakey Creek draining from the Toowoomba area westwards towards the Condamine River;
- flash flooding in the upper parts of Lockyer Creek and its tributaries;
- major river flooding in the Brisbane, Stanley and Bremer rivers including Brisbane and Ipswich Cities.

Record flood heights were recorded at various locations. Peak river levels on the Bremer River at Ipswich and along the Brisbane River from Mt Crosby to Brisbane City were the highest since 1974.

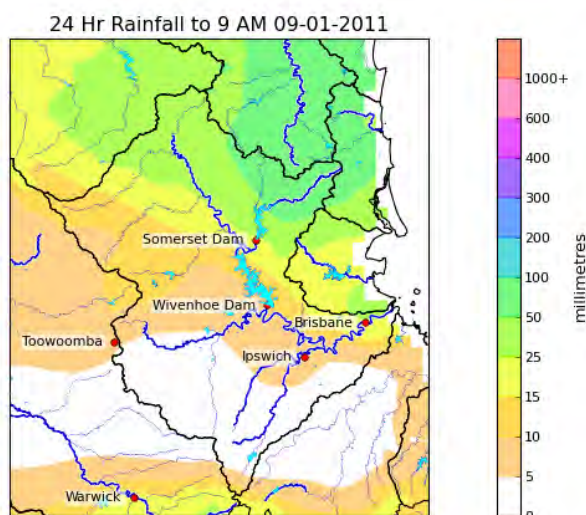


Figure 3.3.1 Southeast Queensland Rainfall in the 24 hours to 9am EST on 9 January 2011 based on operational data.

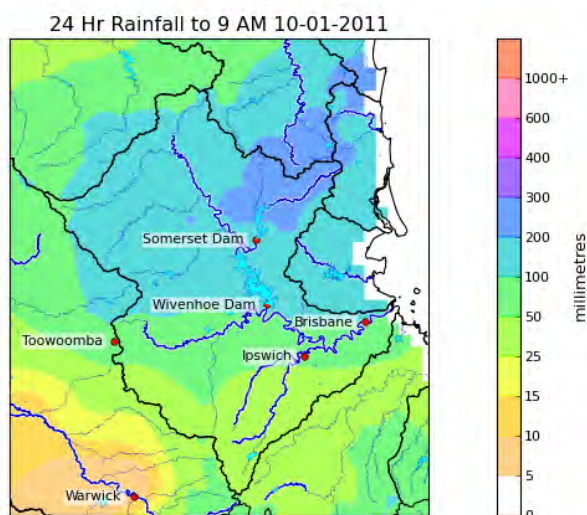


Figure 3.3.2 Southeast Queensland Rainfall in the 24 hours to 9am EST on 10 January 2011 based on operational data.

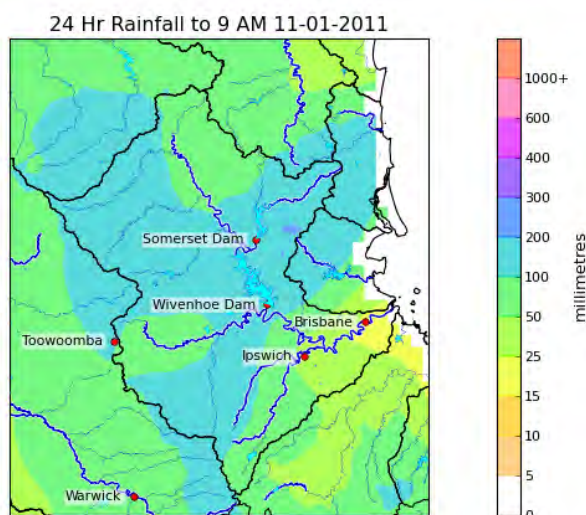


Figure 3.3.3 Southeast Queensland rainfall in the 24 hours to 9am EST on 11 January 2011 based on operational data.

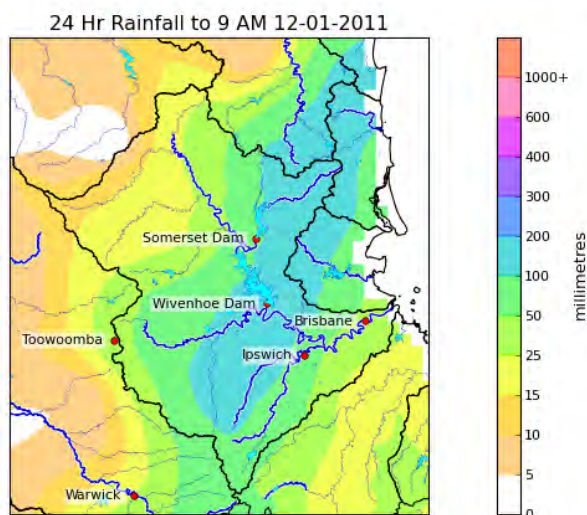


Figure 3.3.4 Southeast Queensland rainfall in the 24 hours to 9am EST on 12 January 2011 based on operational data.

3.4 Preliminary Hydrological Analysis at Specified Locations

Note: The frequency analysis in this report is for rainfall only. A flood frequency analysis would be required to assess the severity of flood levels reached at each location.

3.4.1 Toowoomba

On Monday 10 January 2011, flash flooding was experienced in the Toowoomba City. The Bureau has no information regarding the water levels recorded in the Toowoomba City creek systems, but following the event, has been provided with some additional rainfall information collected by Toowoomba Regional Council.

Hydrological analysis of the rainfalls recorded in and adjacent to the Toowoomba creek catchments can provide some indication of the intensity and timing of the rainfalls associated with the flooding. The operational rainfall data (i.e. data available to the Bureau during the rain-flood event) is limited to the Toowoomba AL station (owned by Seqwater) near Mt Kynoch and the Toowoomba AWS station (owned by Bureau) at Toowoomba Airport, which are both outside the catchment of the creeks upstream of the city area. The locations of these stations is shown approximately in the map at Appendix 3 and in more detail in the map at Appendix 4.

Rainfall intensities at the Toowoomba AL and Toowoomba AWS stations on 10 January were similar, (e.g. the maximum rainfall in 1 hour was 55 mm at Toowoomba AL and 60mm at Toowoomba AWS).

Figure 3.4.1.1 shows hourly rainfall totals for the two month period December 2010 to January 2011 at Toowoomba AL. Two relevant conclusions can be drawn from this diagram. Firstly, there had been considerable rainfall in the month leading up to 10 January which had caused repeated runoff, and secondly, it clearly shows that the maximum hourly rainfall recorded on 10 January was significantly higher than at all other times in the two month period.

To establish the timing and relative intensity of the heaviest rainfall, an Intensity-Frequency-Duration (IFD) analysis of the Toowoomba AL rainfall data has been undertaken (see Figure 3.4.1.2).

At Toowoomba AL, the most statistically significant short duration rainfall occurred on 10 January, where the observed rainfall totals for 1 hour to 1:50pm were assessed as between 5% to 2% Annual Exceedance Probability (AEP) (20 to 50 year Average Recurrence Interval (ARI) intensity. An explanation of AEP and ARI is provided in Appendix 7.

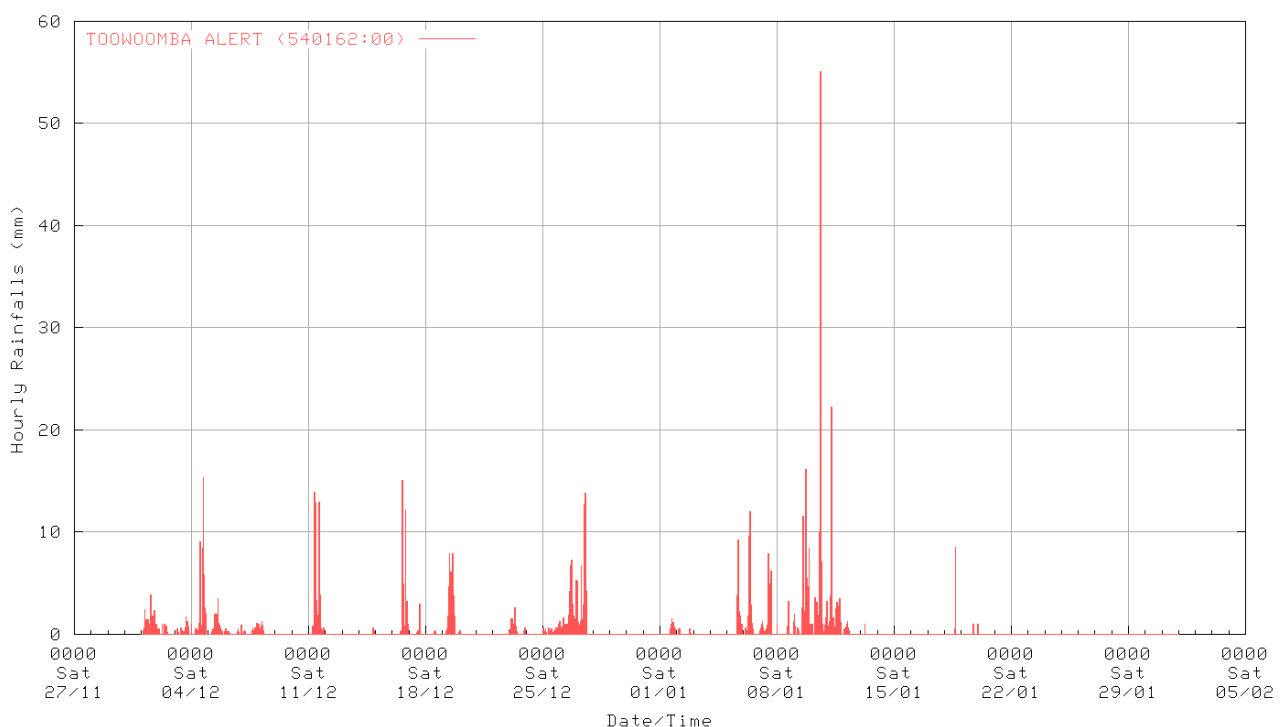


Figure 3.4.1.1 Hourly rainfalls for Toowoomba AL for the period December 2010 – January 2011. (Date/time is EST)

RAINFALL INTENSITY FREQUENCY DURATION (IFD) ANALYSIS

LOCATION: 540162 TOOWOOMBA ALERT

Analysis of the rainfall for the 24 hours
to Tue January 11 00:00:00 2011

RAINFALL (MM)	PERIOD ENDING	ARI (YEARS)
9	5 mins ending at 13:45:00 10/01/2011	2
10	6 mins ending at 13:46:00 10/01/2011	1-2
14	10 mins ending at 13:45:00 10/01/2011	1-2
27	20 mins ending at 13:45:00 10/01/2011	5
36	30 mins ending at 13:50:00 10/01/2011	10
58	60 mins ending at 13:50:00 10/01/2011	20-50
65	2 hours ending at 14:15:00 10/01/2011	10-20
67	3 hours ending at 15:40:00 10/01/2011	5-10
75	6 hours ending at 16:55:00 10/01/2011	2-5
88	12 hours ending at 16:55:00 10/01/2011	2-5
96	24 hours ending at 00:00:00 11/01/2011	2-5

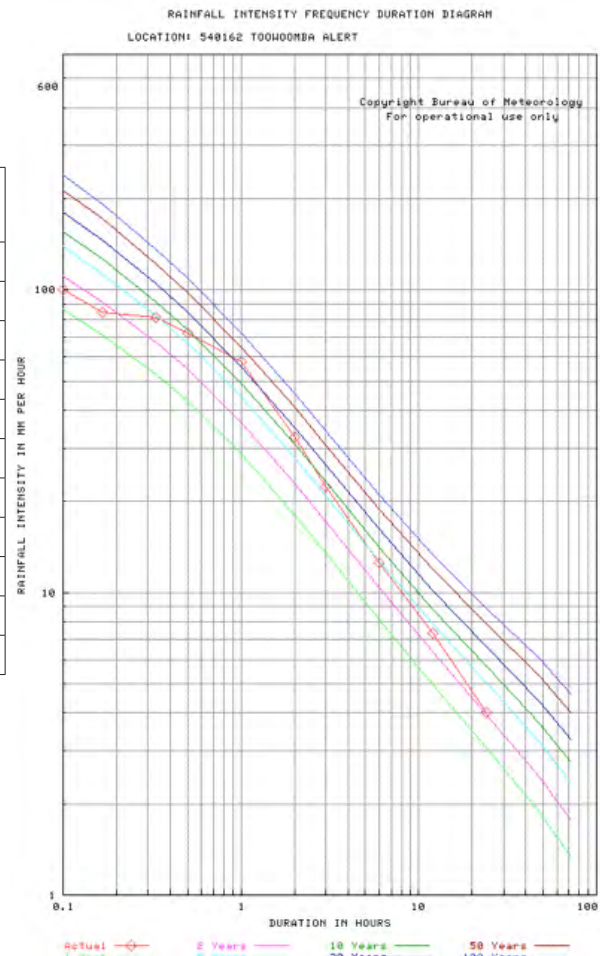


Figure 3.4.1.2 Rainfall IFD analysis for Toowoomba AL.

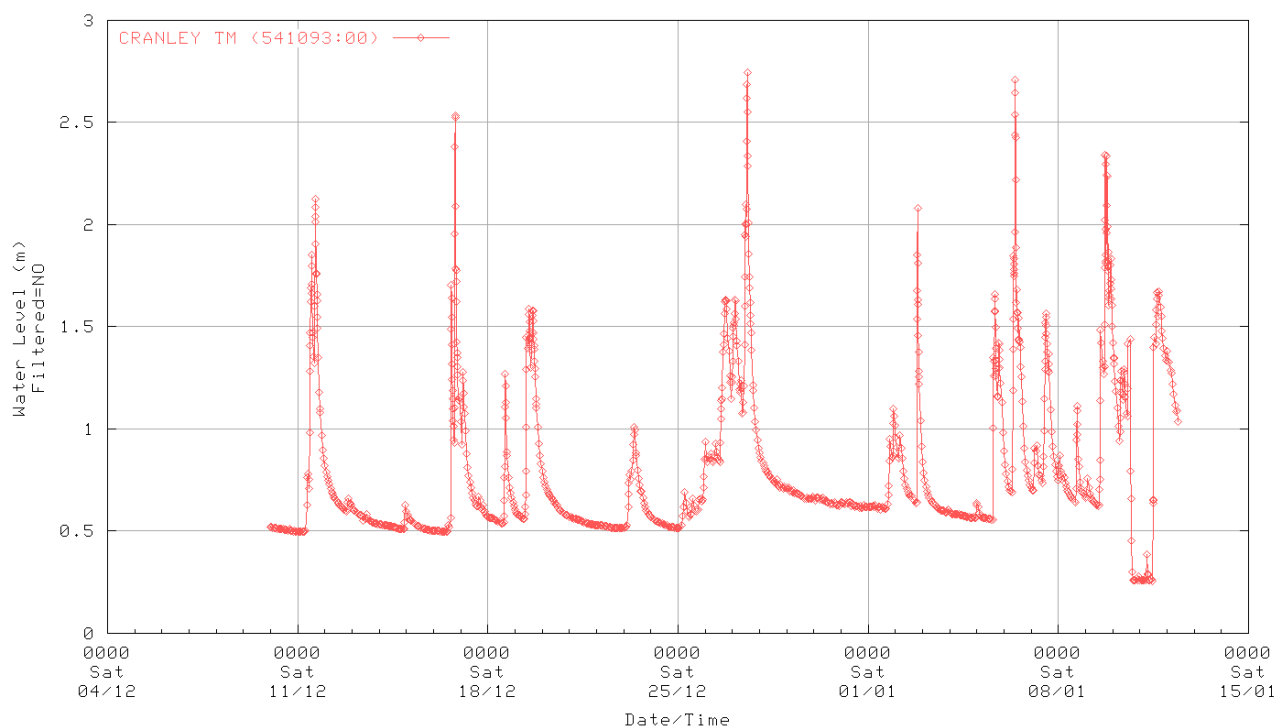


Figure 3.4.1.3 Water level for Cranley TM for the period 20 December 2010 – 12 January 2011. (Date/time is EST)

The Toowoomba Regional Council also operates a rain gauge network around the Toowoomba City area and suburbs. Rainfall information received from Toowoomba Regional Council after the event indicated that higher rainfalls were recorded around the Toowoomba City area and suburbs within the catchment areas of the Toowoomba Creek systems. For example, the highest rainfall in recorded data obtained to date indicated rainfall intensity of about 94 millimetres in one hour ending 2:15pm Monday which equates to an AEP of less than 1%.

Figure 3.4.1.3 shows the water levels recorded downstream of Toowoomba at Cranley TM (owned by DERM). It clearly shows the repeated runoff events during late December and early January. The accuracy of the level recorded on Monday 10 January is unknown and it appears that the data is incorrect following the peak.

3.4.2 Lockyer Creek

As outlined in the Terms of Reference, the focus of this section relates to the upper Lockyer Creek system (including Spring Bluff, Murphys Creek, Postmans Ridge, Helidon and Grantham) with specific attention to the period 9 to 10 January 2011 (see maps in Appendices 2, 5, 6).

Description of Lockyer Creek

The headwaters of the Lockyer Creek catchment lie in the Great Dividing Range just to the east of Toowoomba City.

The catchment to Helidon comprises multiple tributary creeks including Murphys Creek, Six Mile Creek, Rocky Creek and Gatton Creek which rise in the Great Dividing Range. The creek systems upstream of Helidon are very steep, draining from an elevation of about 650 metres above sea level along the Range to approximately 150 metres at Helidon over a distance of only about 15 kilometres. The total catchment area above Helidon is about 350 square kilometres.

From Helidon, Lockyer Creek continues to flow in a general easterly direction away from the range country to the Grantham area about 10 kilometres in distance. Two additional tributary creeks enter Lockyer Creek between Helidon and Grantham. Firstly, Flagstone Creek enters about halfway between Helidon and Grantham. Secondly, Sandy Creek flows generally parallel to Lockyer Creek for more than 3 kilometres before reaching the junction with the Lockyer Creek at Grantham. Part of the township of Grantham is situated between Lockyer and Sandy Creeks. Although the floodplain in the Grantham area appears flat and the creeks are far less steep than in upstream areas, the Lockyer-Sandy Creek system in the Grantham area is still relatively steep, for example, dropping more than 10 metres in elevation over the 3 kilometre distance where

the two creeks are flowing roughly parallel. The flash flood event in Grantham on 10 January occurred in the Lockyer Creek, not the Sandy Creek.

Downstream from Grantham, the Tenthill Creek system enters Lockyer Creek before it reaches the township of Gatton, approximately 8 kilometres from Grantham. At Gatton, the main Lockyer Creek channel is much larger than in upstream areas and is deeply incised in the floodplain. The total catchment area to Gatton is about 1,550 square kilometres.

Rain and Water Level Stations for Flood Monitoring

The monitoring stations included in this discussion are those which specifically relate to the Lockyer Creek area to Helidon and Grantham and which provided monitoring data during the rain-flood events in December 2010 to January 2011. As shown in the maps at Appendices 2, 5 and 6, there are no rainfall monitoring stations on the upper Lockyer Creek above Helidon. An automatic station, Toowoomba AL, is located on the crest of the range near Mt Kynoch. To its east, the next rainfall monitoring locations are at Helidon (Helidon AL and Helidon TM) and two stations in the Sandy Creek catchment (namely Upper Sandy Creek AL and Sandy Creek Road AL). Other stations are located outside the catchment area, e.g. Toowoomba AWS, Tenthill AL, Little Egypt AL, but are used as an indication of the areal and temporal patterns of rainfall in the wider area, and are used in the Bureau's flood forecasting model for the Brisbane River basin.

Water level stations include Lockyer Creek at Helidon (Helidon AL and Helidon TM), Sandy Creek at Sandy Creek Road AL near Grantham; and Lockyer Creek at Gatton (manual, AL and TM). No data is available from the manual water level station at Gatton. There is an additional water level station at Murphys Creek at Spring Bluff operated by DERM but there is no data held by the Bureau for that station.

The key operational stations are owned by various agencies, as follows:

Seqwater	Toowoomba AL, Helidon AL, Gatton TM, Gatton AL
DERM	Helidon TM
Lockyer Valley Regional Council	Upper Sandy Creek AL, Sandy Creek Road AL

Whilst the rainfall data from the Toowoomba Regional Council rain gauge network is not available to the Bureau during rainfall events, some of these stations are on or near the western boundary of the upper Lockyer Creek catchment and can provide additional information for post-analysis.

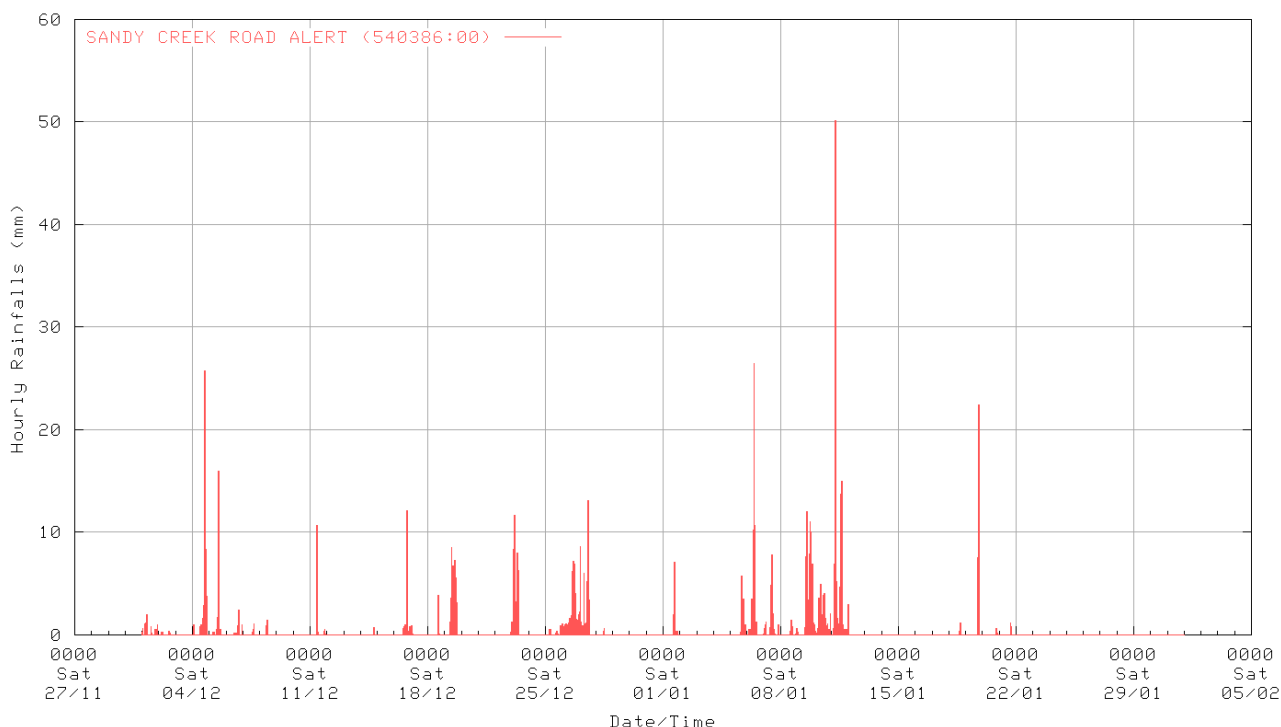


Figure 3.4.2.1 Hourly rainfalls for Sandy Creek Road AL for the period December 2010 to January 2011. (Date/time is EST)

Hydrological Analysis of Lead-up Conditions in December 2010 to January 2011

The rainfall analysis provided for Toowoomba AL station in Figure 3.4.1.1 also applies to the upper parts of Lockyer Creek. Essentially this indicates multiple periods of rain throughout December and early January which resulted in very wet catchment conditions and repeat episodes of rising water levels in the Lockyer Creek system. Figure 3.4.2.1 shows the hourly rainfalls recorded at Sandy Creek Road AL near Grantham during December 2010 to January 2011 which exemplifies the continuing periods of rain in the upper Lockyer catchment. To illustrate the repeated creek level rises throughout the December 2010 to January 2011 period, Figure 3.4.2.2 shows water level plots for Lockyer Creek at Helidon AL and Sandy Creek at Sandy Creek Road AL near Grantham.

In particular, both water level stations show the creek rises in Lockyer Creek and Sandy Creek during 26 to 27 December 2010, with highest peaks of about 5.5 metres recorded at Helidon AL and about 2.7 metres at Sandy Creek Road AL on 27 December. Lockyer Creek at Helidon peaked again at about 6.3 metres around midday 6 January 2011 and about 7 metres during late Sunday 9 and early Monday 10 January 2011.

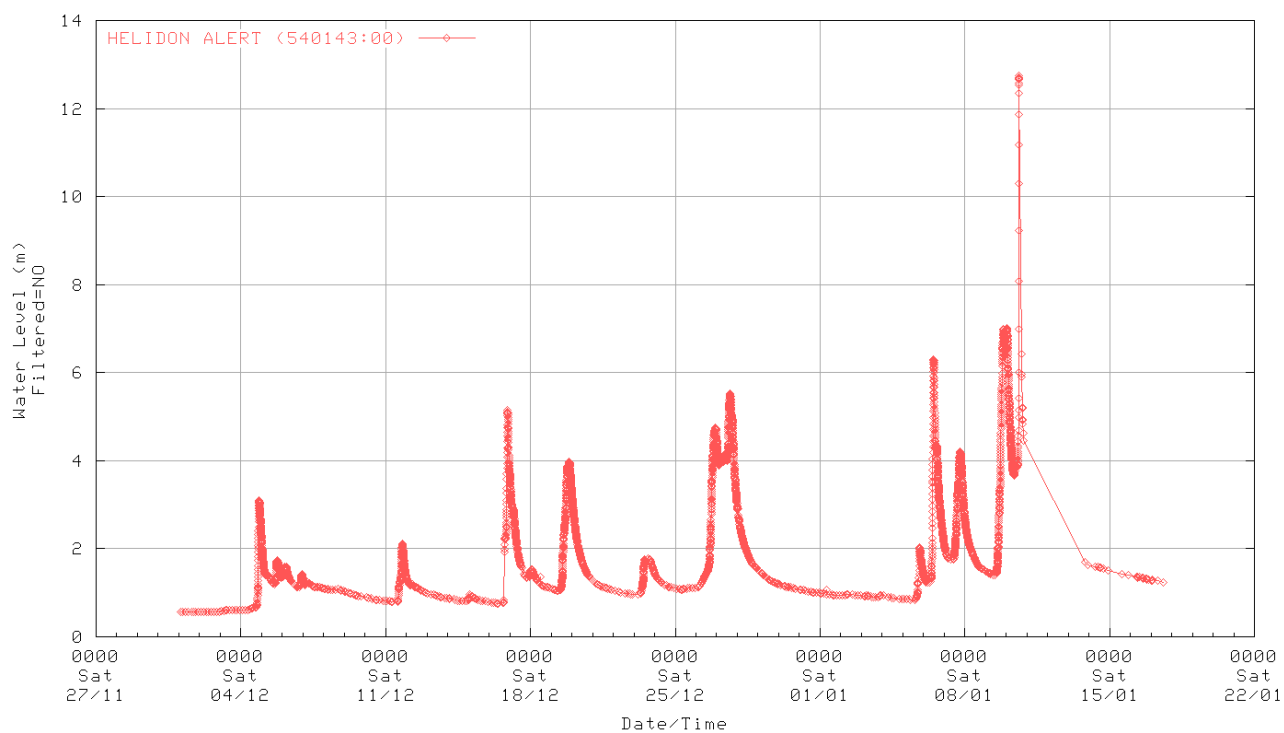
Summary of rainfall and water levels on Monday 10 January 2011

On Monday 10 January 2011, severe flash flooding was experienced in the upper Lockyer Creek and its tributary creeks, extending downstream to the Helidon and Grantham areas.

Table 3.4.2 is a chronological summary of the key rainfall and water level information available to the Bureau on Monday 10 January.

The heaviest recorded rainfall associated with the flash floods in the Lockyer Creek system was at the Toowoomba AL station on the top of the range, with much lighter rain recorded to the east in the Helidon and Grantham areas. There are no flood warning rainfall stations in the upper Lockyer Creek catchment (i.e. in tributary creek areas including Murphys Creek, Six Mile Creek, Rocky Creek, Gatton Creek). Review of the radar information suggests that the higher rainfalls and higher rainfall intensities occurred between the top of the range and the Helidon area and fell between the rain gauge network.

This is further substantiated by a later report from Withcott which indicated a rainfall reading at 180.8mm for the 24 hour period ending 9am Tuesday 11 January 2011.



Note: Helidon AL water level gauge failed at high level during the flash flood on Monday 10 January 2011. (Date/time is EST)

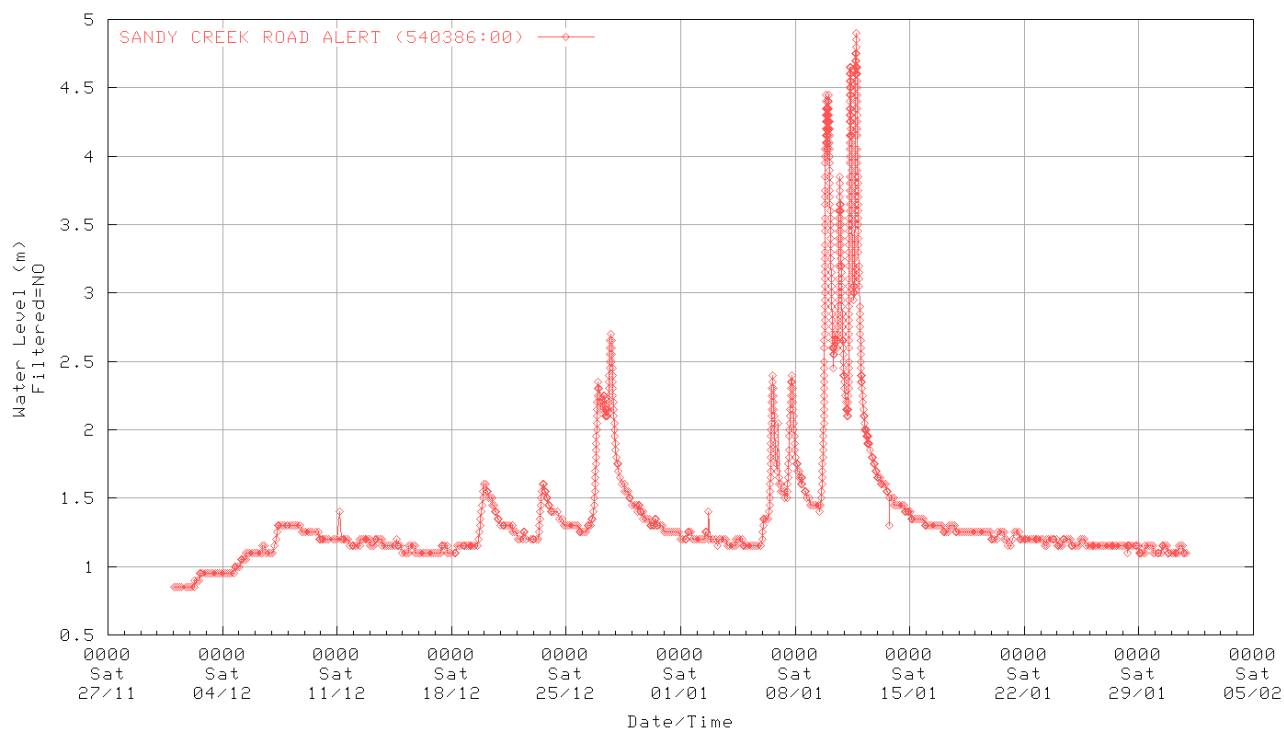


Figure 3.4.2.2 Water levels for Helidon AL and Sandy Creek Road AL for the period December 2010 to January 2011. (Date/time is EST)

RAINFALLS	
11am to 1pm	Heavy rainfall 50mm to above 100mm recorded in the Cressbrook Dam area (e.g. highest total of 111mm at Redbank Creek rainfall station; located approx 15km south south west of Esk and 40km to the north west of Toowoomba).
1pm to 2pm	Heavy rainfall in excess of 50mm recorded in the Toowoomba area (58mm at Toowoomba ALERT rainfall station approx 6km north of city; 60mm at Toowoomba Airport).
1pm to 2pm	Lighter rainfalls of generally less than 10mm at Gatton (1mm), Sandy Creek Road near Grantham (5mm) and Helidon (11mm).
WATER LEVELS	
2pm to 3pm	Very rapid rise in Lockyer Creek at Helidon. Automatic gauge indicated a water level rise, commencing at about 2pm, of more than 8 metres in one hour, from about 4 metres to possibly about 12.7 metres at about 3pm, before failing. Subsequently, DERM have advised that the Helidon flood peak has been surveyed as 13.88 metres and estimated to have occurred at 3:10pm on 10 January. The previous record was 7.55 metres in 1974.
3pm to 5pm	Rise of approx 1.2 metres recorded at the automatic water level station in Sandy Creek at Sandy Creek Road AL, near Grantham, possibly indicating passage of Lockyer Creek floodwaters.
5pm to 7pm	Very rapid rise in Lockyer Creek at Gatton. Automatic gauge (TM) indicated a water level rise, commencing at about 5pm, of about 7 metres in two hours before failing. The Lockyer flash flood did not cause the highest flooding at Gatton and downstream. Higher flood levels were experienced at Gatton on the following day, Tuesday 11 January, due to further heavy rainfall in the Lockyer-Laidley valley. A post flood survey indicates a 2011 flood peak of 15.38 metres (occurring on Tuesday 11) at the long term flood warning gauge. This compares with a 1974 flood peak of 14.63 metres. The highest recorded flood at Gatton is 16.33 metres in 1893.
6pm to 9pm	Rapid rise in Lockyer Creek at Glenore Grove. Automatic gauge indicated a water level rise, commencing at about 6pm, of about 3.8 metres in two hours from about 10.7 metres to about 14.5 metres at about 9pm. (Automatic gauge indicated a peak water level of about 14.6 metres at about 11pm.)
Midnight to midday Tuesday 11 January	Rise in Lockyer Creek at Lyons Bridge. Automatic gauge indicated a water level rise, commencing at about midnight Monday, of about 2 metres in twelve hours from about 15.2 metres to about 17.1 metres at about midday Tuesday.

Table 3.4.2 Summary of key rainfalls and water levels available to the Bureau on Monday 10 January 2011.

Water levels at Lockyer Creek at Helidon

Figure 3.4.2.3 shows the water levels recorded at the Lockyer Creek at Helidon AL station in more detail. Both the Helidon TM gauge and the Helidon AL gauge (which are co-located) failed at the time of the very fast creek rises, and it was later learnt that the station had been completely inundated. In summary, Figure 3.4.2.2 shows:

- A multi-peaked water level rise overnight Sunday 9 January to early 10 January, reaching about 7 metres.
- Fast rise commencing at about 2:20pm Monday 10 January.
- Peak of about 12.7 metres at about 2:50pm. This peak is not necessarily an accurate indication of the highest flood level.
- Gauge failed, possibly at time of peak or earlier. The co-located Helidon TM gauge gave a highest reading of 12.66m at 2.50pm (subsequently, DERM have advised that the Helidon flood peak has been surveyed at 13.88m and estimated to have occurred at 15.10 EST on 10 January 2011).

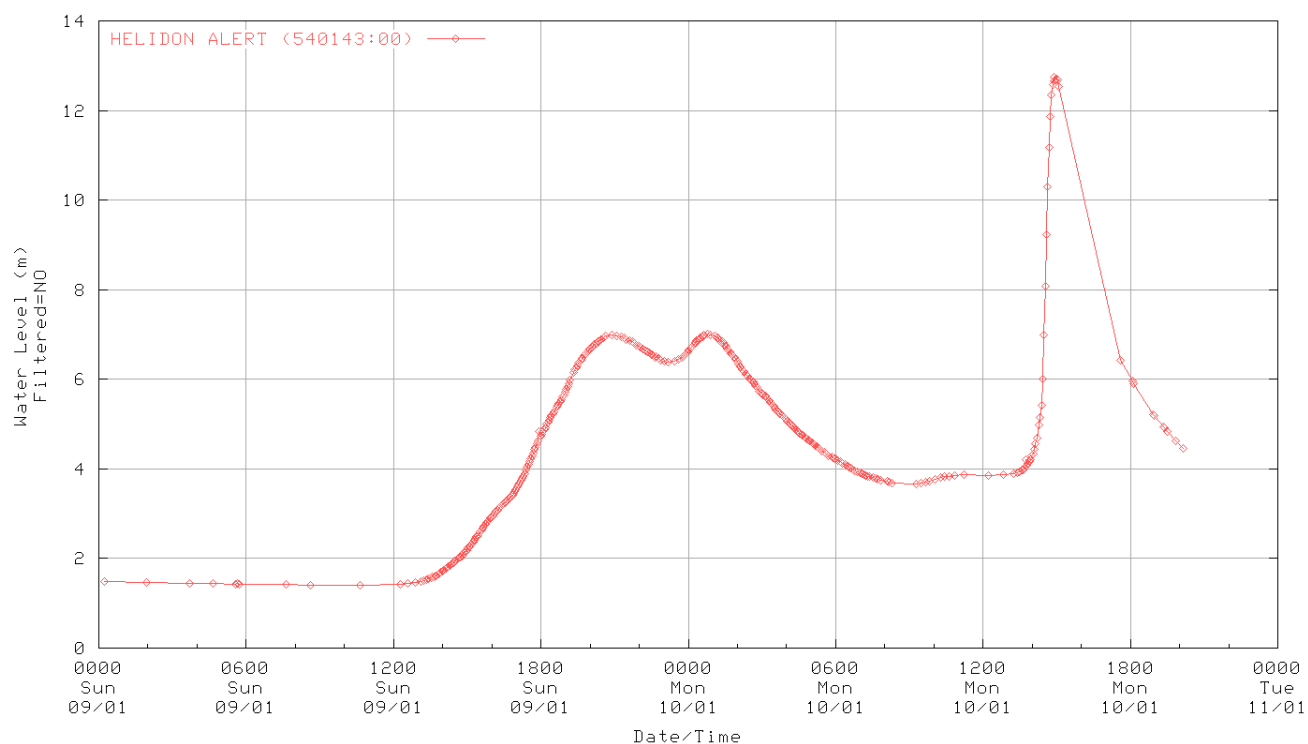


Figure 3.4.2.3 Water levels for Lockyer Creek at Helidon AL during 9 to 11 January 2011. (Date/time is EST)

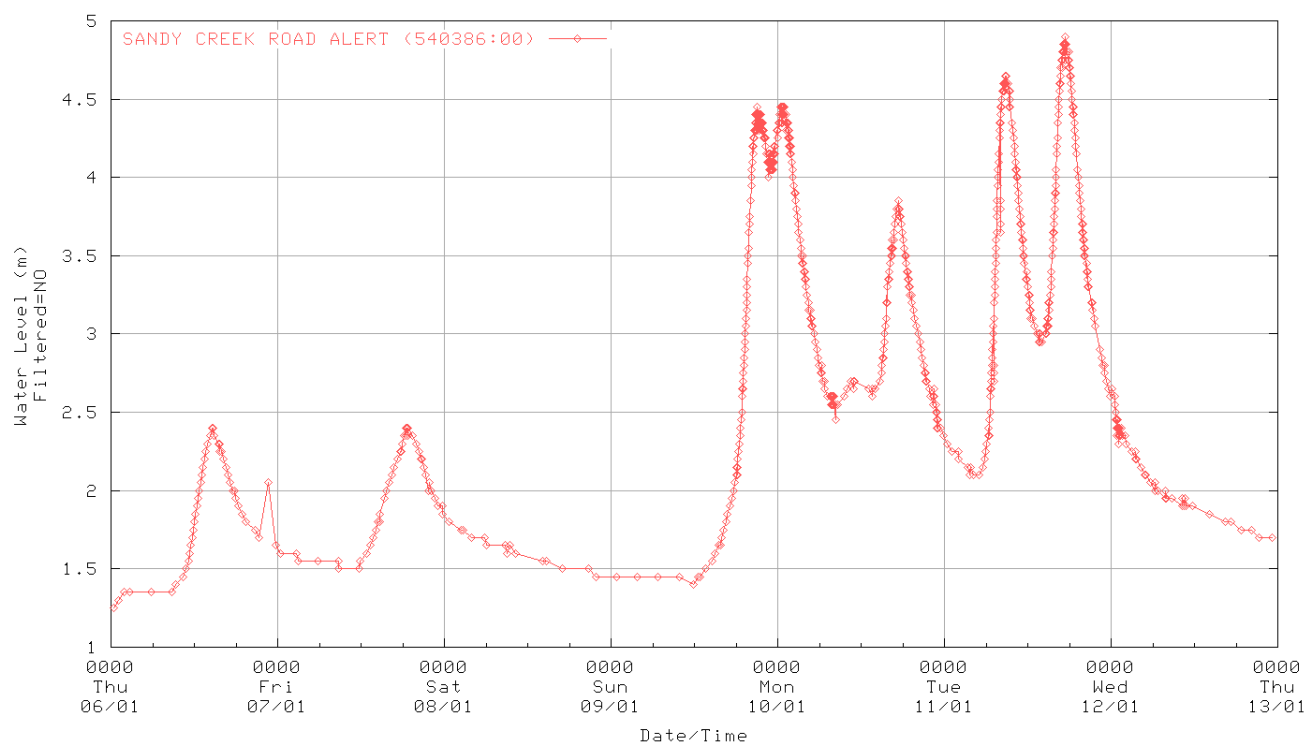


Figure 3.4.2.4 Water levels for Sandy Creek at Sandy Creek Road AL during 9 to 11 January 2011. (Date/time is EST)

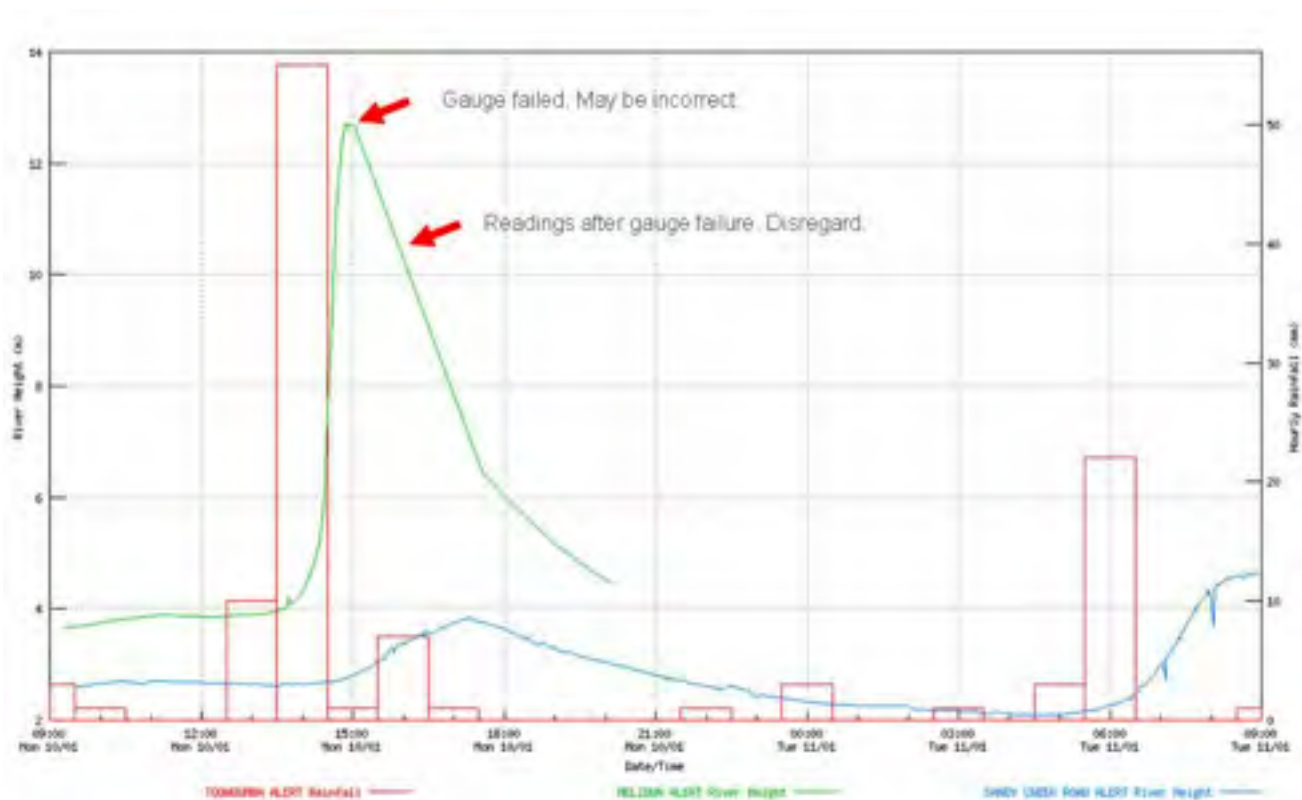


Figure 3.4.2.5 Rainfall for Toowoomba AL and water level for Helidon AL and Sandy Creek Road AL for Monday 10 January 2011. (Date/time is EST)

Water levels at Sandy Creek at Sandy Creek Road (near Grantham)

Figure 3.4.2.4 shows the water levels recorded at the Sandy Creek Road AL station in more detail. In summary, Figure 3.4.2.4 shows:

- Water level rises on Thursday 6 and Friday 7 January both reaching near 2.5 metres.
- Water level rises during the afternoon and evening reaching about 4.4 metres at 9pm Sunday, and then remaining above 4 metres with a second similar peak of about 4.4 metres at about 1am Monday 10 January.
- Water levels falling to about 2.5 metres by 9am Monday 10 January.
- Fast water level rises commencing at about 2:40pm and reaching about 3.8 metres at 5:20pm on Monday 10 January.
- Renewed water level rises on Tuesday 11 January reaching about 4.6 metres at about 9am and about 4.8 metres at about 5:30pm caused by heavy rains in the Sandy Creek catchment.

Time from heaviest rainfall to peak water level rises at Helidon and Grantham

As shown previously in Figure 3.4.1.2, the heaviest hourly rainfall at the Toowoomba AL rainfall station was recorded between approximately 12:50pm and 1:50pm on Monday 10 January. The fast water level rises commenced at about 2:20pm in Lockyer Creek at Helidon, only about half an hour after the end of the heaviest rain. The peak water level at Helidon occurred within about an hour of the end of the heaviest rainfall at Toowoomba.

There is no water level gauge in Lockyer Creek at Grantham.

Figure 3.4.2.5 provides an indication of the relative timing between the catchment rainfall (using Toowoomba AL as a guide to this) and the water level rises at Helidon AL and Sandy Creek Road AL on Monday 10 January.

4. Warnings

The Bureau issued three types of warnings relevant to this report.

Flood Warnings

The Bureau's flood warnings contain a summary of existing conditions within a river basin and predictions of river heights at key locations. Typically they are sent to radio stations for broadcast, to local councils, emergency services as well as appearing on the Bureau's website. There are three flood level classifications: minor, moderate and major.

The Bureau flood warning website includes River Height Bulletins, which automatically update three-hourly and contain the latest river heights exceeding pre-determined thresholds. Rainfall rates are updated hourly on the web, and the latest available creek and river heights are updated at 15 minute intervals in a map-based format, and half-hourly in text based formats.

Severe Weather Warnings

Severe weather warnings are issued when one or more of the following hazardous phenomena is/are forecast:

- Damaging wind gust
- Destructive wind gusts
- Abnormally high tides
- Torrential rain producing a one hour rainfall intensity at some locality in excess of the ten year Average Recurrence Interval
- Flash flooding – reported or expected
- Heavy rain worsening an existing major flood situation
- Heavy surf conditions and significant beach erosion.

Flash Flood Warning

The Bureau does not routinely issue location specific flash flood warnings because it does not have knowledge of local conditions at individual locations. However, in response to rapid stream rises being registered on automatic water level gauges at Helidon, the Bureau's Flood Warning Centre (FWC) phoned the Queensland State Disaster Coordination Centre to notify that extreme flash flooding was expected to extend rapidly through the Lockyer Creek system to the Gatton area, and subsequently downstream along the Lockyer valley. Additionally, a flash flood warning was created from existing warning templates for floods in south east Queensland in response to Bureau observations and media reports and was issued at 1700 EST on 10 January.

Numerous flood warnings were issued for rivers across Queensland throughout December and January.

For the period 9 to 11 January the following warnings were issued for the areas considered in this report:

- a. Flood warnings for:
 - Upper Brisbane and Stanley River.
 - Lower Brisbane and Bremer River and Lockyer and Warrill Creeks.
 - Coastal streams from Maryborough to the New South Wales border.
 - Condamine and Balonne Rivers.
- b. Severe weather warnings for heavy rainfall leading to localised flash flooding for:
 - Southeast coast district,
 - Southern parts Wide Bay and Burnett,
 - Eastern parts of Darling Downs and Granite Belt District
 - Eastern parts of Maranoa and Warrego district
- c. Flash flood warnings for Lockyer Creek

A list of all warnings issued from 9 to 11 January is included in Appendix 8 and copies provided in Appendix 10. A copy of the map of the forecast districts is included in Appendix 9.

In addition to the formal warnings, Bureau staff continued to discuss the unfolding situation with emergency managers at the Queensland State Disaster Coordination Centre and provided additional briefings to the media.

Appendix 1: DERM Usage Agreement

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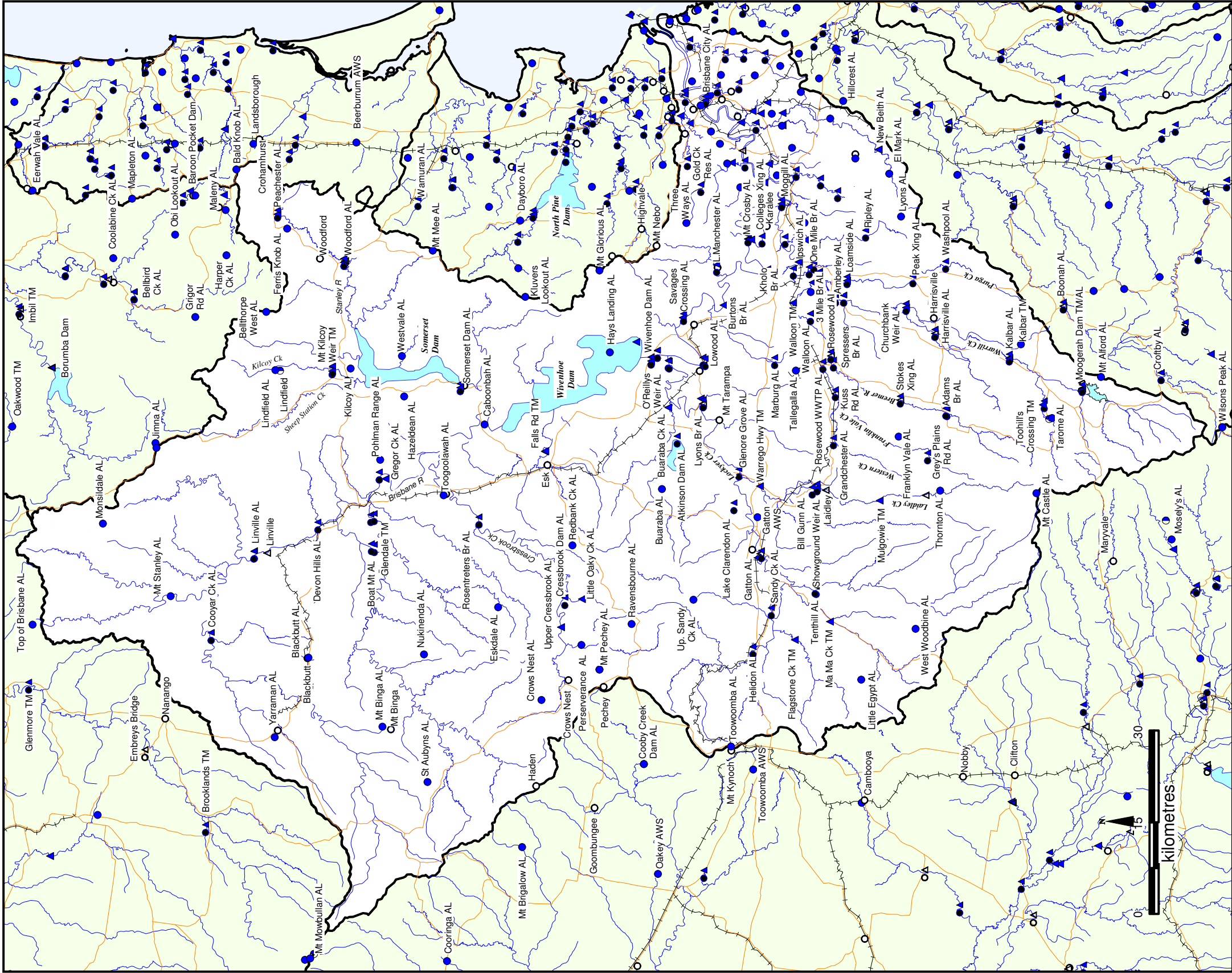
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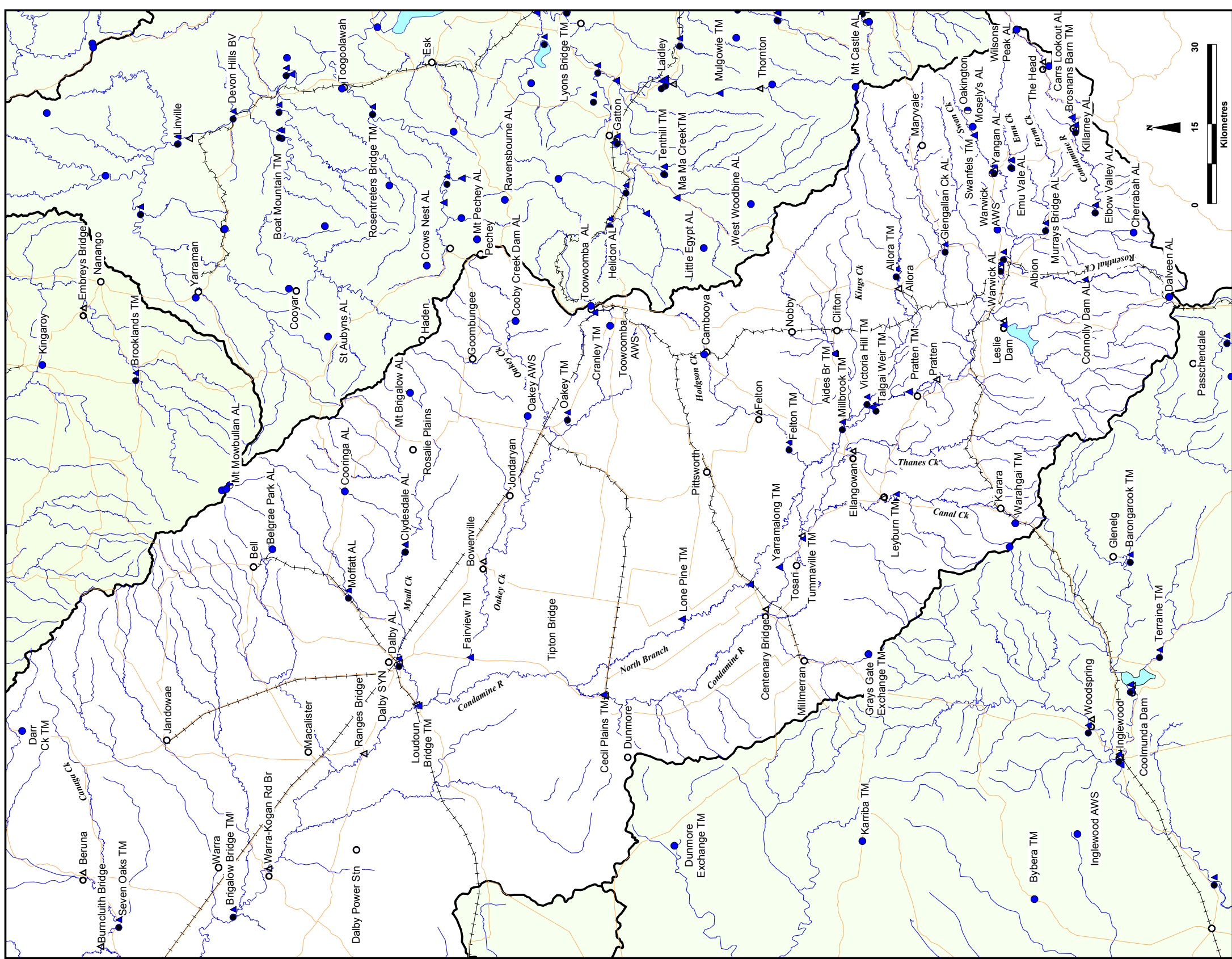
Last updated: 16 March 2009

MAP 143.1



<ul style="list-style-type: none">Manual Heavy Rainfall StationDaily Reporting Rainfall StationManual River StationTelemetry Rainfall StationTelemetry River Station	<h1>BRISBANE, BREMER & STANLEY RIVERS FLOOD WARNING NETWORK</h1>	<ul style="list-style-type: none">Major RoadsRailway <p>Revised: April 2010</p>
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MAP 422.2



<p>● Manual Heavy Rainfall Station</p> <p>○ Daily Reporting Rainfall Station</p> <p>△ Manual River Station</p> <p>● Telemetry Rainfall Station</p> <p>▲ Telemetry River Station</p>	<p>UPPER CONDOMINE RIVER</p> <p>FLOOD WARNING NETWORK</p>	<p>— Major Roads</p> <p>+++++ Railway</p> <p><i>Revised: Feb 2011</i></p>
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r:\pub\maps\map12\map422_2.wor

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Appendix 4: Toowoomba area map.

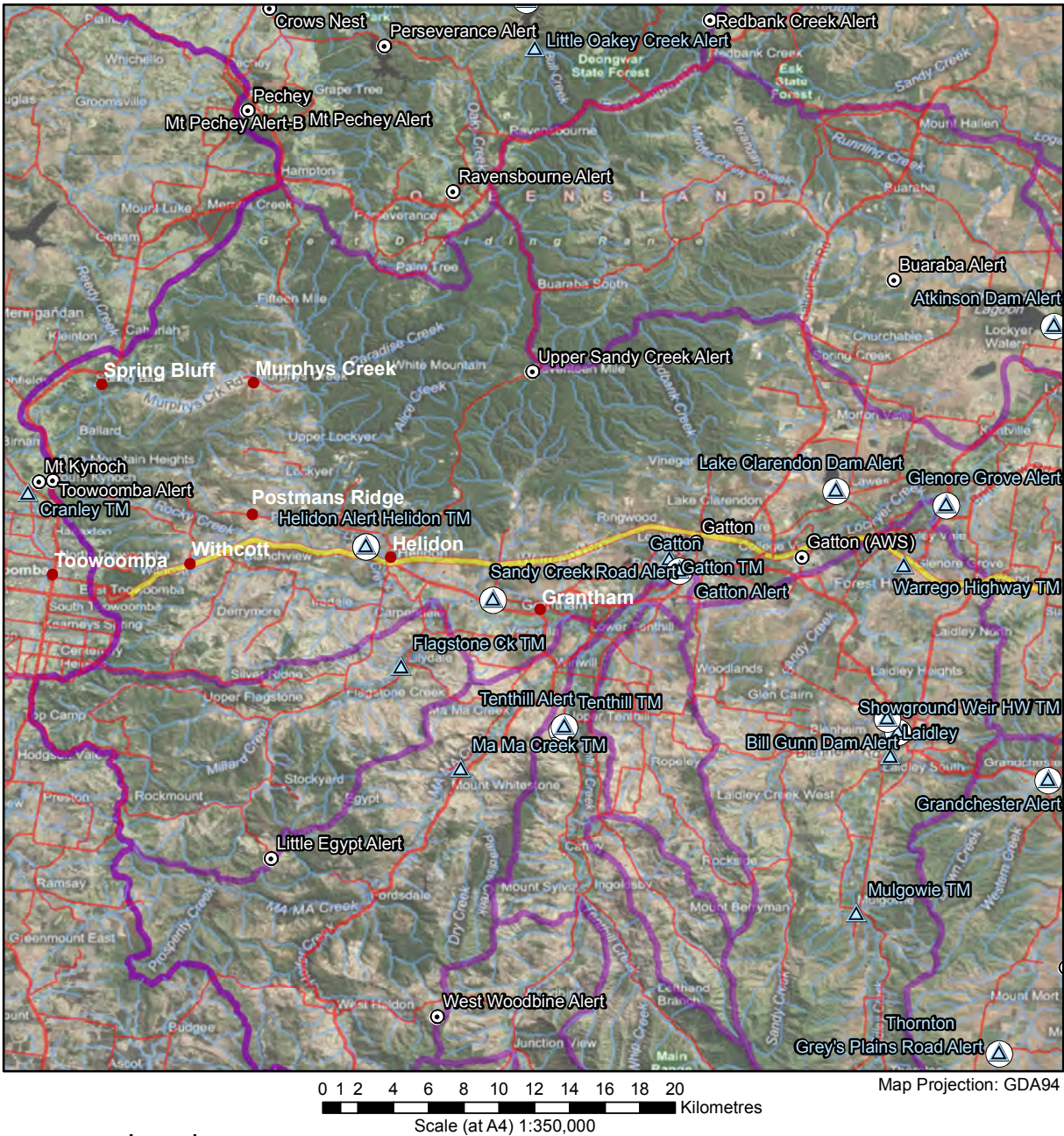


- Legend**
- Combined Monitoring Station
 - River Monitoring Station
 - Rainfall Monitoring Station
 - Location
 - Dual Carriageway
 - Minor Road
 - Principal Road
 - Secondary Road
 - Track
 - Watercourses
 - Catchment Boundary

Note: Toowoomba Alert and Toowoomba (AWS)

Data sources: Watercourses from the Bureau of Meteorology's Geofabric 1.0. Roads from Geoscience Australia Topo 250K (Series 3). Imagery from Bing Maps under the ESRI ArcGIS licence. Catchment boundaries and stations from the Bureau of Meteorology. Location points are from the Geoscience Australia Gazetteer 2008.

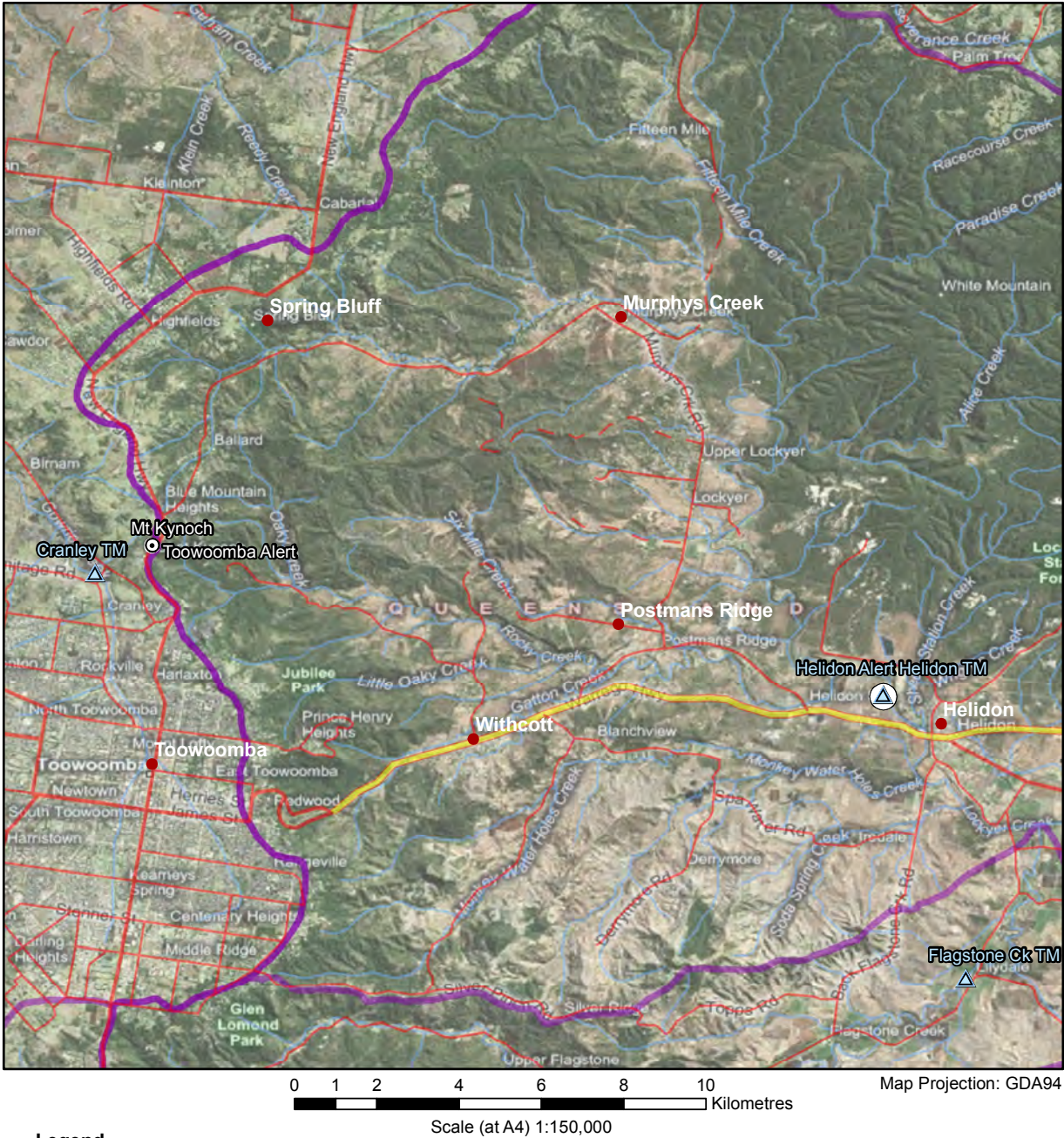
Appendix 5: Lockyer Creek area map.



Note: Toowoomba Alert, Helidon Alert, Helidon TM, Upper Sandy Creek Alert, Sandy Creek Road Alert and Gatton TM stations.

Data sources: Watercourses from the Bureau of Meteorology's Geofabric 1.0. Roads from Geoscience Australia Topo 250K (Series 3). Imagery from Bing Maps under the ESRI ArcGIS licence. Catchment boundaries and stations from the Bureau of Meteorology. Location points are from the Geoscience Australia Gazetteer 2008.

Appendix 6: Detailed Lockyer Creek area map.



Legend

- | | | | | | | | |
|--|-----------------------------|--|------------------|--|----------------|--|--------------------|
| | Combined Monitoring Station | | Dual Carriageway | | Secondary Road | | Catchment Boundary |
| | River Monitoring Station | | Minor Road | | Track | | |
| | Rainfall Monitoring Station | | Principal Road | | Watercourses | | |
| | Location | | | | | | |

Note: Toowoomba Alert, Helidon Alert and Helidon TM stations

Data sources: Watercourses from the Bureau of Meteorology's Geofabric 1.0. Roads from Geoscience Australia Topo 250K (Series 3). Imagery from Bing Maps under the ESRI ArcGIS licence. Catchment boundaries and stations from the Bureau of Meteorology. Location points are from the Geoscience Australia Gazetteer 2008.

Appendix 7: Rainfall Statistics and ARI/AEP definitions

In order to explain the statistics of rainfall, it is useful to define some terms. The Bureau of Meteorology does not use depth of rainfall in this particular context but prefers to use rainfall rate (in mm per hour), known as intensity. It is calculated by dividing the depth of rainfall by the duration.

The period of time over which the rainfall is measured is called the duration. For example: one year - in the case of annual rainfall; one month (for many climate purposes); or so many days, hours or minutes.

Frequency is used to compare the severity of different rainfall events and is a time period of how often a particular rainfall intensity may be expected to occur.

Curves representing these values are known as rainfall intensity-frequency-duration (IFD) curves. Analyses of data from rainfall gauges and the use of statistical theory enables the Bureau to estimate the probability that a particular rainfall depth will be equalled or exceeded at a particular place, within a particular time interval (duration), and over any given period of time. Rainfall IFD analyses are available for all locations in Australia.

The Average Recurrence Interval (ARI) and the Annual Exceedance Probability (AEP) are both a measure of the rarity of a rainfall event. The probability of a particular rainfall amount for a specified duration being equalled or exceeded in any 1 year period can be expressed as a percentage (the annual exceedance probability or AEP) or as "on the average once in every x years" (an average recurrence interval, or ARI, of x years). As an example, for a single location in Melbourne, a rainfall amount of 48.2 mm in 1 hour can be expected to be equalled or exceeded on average once every 100 years. In this case, the ARI is 100 years and the AEP is 1%.

It is important to note that an ARI of 100 years does not mean that the event will only occur once every 100 years. In fact, for each and every year, there is a 1% chance that the event (in this example, 48.2 mm in 1 hour) will be equalled or exceeded (once or more than once).

As the use of the term ARI can lead to confusion, it is preferable to use annual exceedance probability (AEP) to describe the chance of a particular rainfall as the AEP conveys the probability or chance that exists for each year. For example, a rainfall total of 159mm falling in 3 hours at Darwin Regional Office has a 1% probability of being equalled or exceeded in any one year can be easier to understand than the equivalent statement of a rainfall total of 159mm in 3 hours has an average recurrence interval (ARI) of 100 years.

Additional clarification may be required to explain the effects of duration. If a thunderstorm occurs, it would be most severe in terms of rainfall intensity and expected probability of occurrence for some particular duration, e.g. it may be a 0.5% AEP (200-year ARI) event at a duration of 1 hour but a 2% AEP (50 year ARI) event for a 30 minute duration, and a 1% AEP (100 year ARI) event for 2 hours duration.

The duration of thunderstorm necessary to produce the maximum peak flow for any location in a drainage system is a period known as the critical duration for that location. This is the time taken for water to flow from the outermost point in the system to the subject location. Thunderstorms of a shorter duration (and higher intensity) may cause the maximum flows in part of the catchment upstream of the subject location, but not at that location. Longer thunderstorms will not produce a flow in excess of the maximum peak flow of this critical duration thunderstorm; however, there could be embedded burst of rainfall over a period of time equal to the critical duration within the longer thunderstorm.

Importantly, a rainfall event of a particular AEP (say 1%) does not necessarily produce a flood magnitude of the same AEP. For example, a 1% AEP rainfall event may occur when the catchment is particularly dry and the resulting flood magnitude may be considerably less than the 1% AEP flood.

For more information on statistic analysis of rainfall please go to:

<http://reg.bom.gov.au/water/designRainfalls/ifd/ifdFAQ.shtml>

Appendix 8: List of all Warnings issued 9 to 11 January 2011 (copies attached in Appendix 10)

DATE	TIME OF ISSUE	WARNING HEADER
Sunday 9 January 2011	4:40:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district and southern parts of the Wide Bay and Burnett. Issued at 4:40 am on Sunday 9 January 2011
Sunday 9 January 2011	7:27:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 7:27 AM on Sunday the 9th of January 2011
Sunday 9 January 2011	9:13:00	FLOOD WARNING FOR WARRILL CREEK THE LOWER BRISBANE BELOW WIVENHOE Issued at 9:13 AM on Sunday the 9th of January 2011
Sunday 9 January 2011	9:28:00	FLOOD WARNING FOR THE STANLEY RIVER BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 9:28 AM on Sunday the 9th of January 2011
Sunday 9 January 2011	10:55:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District. Issued at 10:55 am on Sunday 9 January 2011
Sunday 9 January 2011	14:12:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 2:12 PM on Sunday the 9th of January 2011
Sunday 9 January 2011	14:48:00	FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER Issued at 2:48 PM on Sunday the 9th of January 2011
Sunday 9 January 2011	15:28:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 3:28 PM on Sunday the 9th of January 2011
Sunday 9 January 2011	16:55:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District. Issued at 4:55 pm on Sunday 9 January 2011
Sunday 9 January 2011	19:05:00	FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER Issued at 7:05 PM on Sunday the 9th of January 2011
Sunday 9 January 2011	22:38:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 10:38 PM on Sunday the 9th of January 2011
Sunday 9 January 2011	22:55:00	FLOOD WARNING FOR THE LOWER BRISBANE BELOW WIVENHOE Issued at 10:55 PM on Sunday the 9th of January 2011
Sunday 9 January 2011	23:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district. Issued at 11:00 pm on Sunday 9 January 2011
Sunday 9 January 2011	23:02:00	FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER Issued at 11:02 PM on Sunday the 9th of January 2011
Sunday 9 January 2011	23:46:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 11:46 PM on Sunday the 9th of January 2011
Monday 10 January 2011	0:36:00	FLOOD WARNING FOR THE LOWER BRISBANE BELOW WIVENHOE Issued at 12:36 AM on Monday the 10th of January 2011
Monday 10 January 2011	1:44:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 1:44 AM on Monday the 10th of January 2011

DATE	TIME OF ISSUE	WARNING HEADER
Monday 10 January 2011	5:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district. Issued at 5:00 am on Monday 10 January 2011
Monday 10 January 2011	6:13:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 6:13 AM on Monday the 10th of January 2011
Monday 10 January 2011	9:16:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 9:16 AM on Monday the 10th of January 2011
Monday 10 January 2011	9:19:00	FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER Issued at 9:19 AM on Monday the 10th of January 2011
Monday 10 January 2011	10:28:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE Issued at 10:28 AM on Monday the 10th of January 2011
Monday 10 January 2011	10:53:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 10:53 AM on Monday the 10th of January 2011
Monday 10 January 2011	11:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district. Issued at 11:00 am on Monday 10 January 2011
Monday 10 January 2011	11:05:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district. Issued at 11:05 am on Monday 10 January 2011 (Re-issued to amend update time)
Monday 10 January 2011	16:16:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:16 PM on Monday the 10th of January 2011
Monday 10 January 2011	17:00:00	FLASH FLOOD WARNING FOR LOCKYER CREEK Issued at 5:00 PM on Monday the 10th of January 2011
Monday 10 January 2011	17:05:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast district, far southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district. Issued at 5:05 pm on Monday 10 January 2011
Monday 10 January 2011	17:22:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 5:22 PM on Monday the 10th of January 2011
Monday 10 January 2011	17:25:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 5:25 PM on Monday the 10th of January 2011
Monday 10 January 2011	18:12:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 6:12 PM on Monday the 10th of January 2011

DATE	TIME OF ISSUE	WARNING HEADER
Monday 10 January 2011	18:30:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast, Darling Downs and Granite Belt and eastern parts of the Maranoa and Warrego districts. Issued at 6:30 pm on Monday 10 January 2011
Monday 10 January 2011	19:50:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts. Issued at 7:50 pm on Monday 10 January 2011
Monday 10 January 2011	20:37:00	FLASH FLOOD WARNING FOR LOCKYER CREEK Issued at 8:37 PM on Monday the 10th of January 2011
Monday 10 January 2011	21:44:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 9:44 PM on Monday the 10th of January 2011
Monday 10 January 2011	22:32:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 10:32 PM on Monday the 10th of January 2011
Monday 10 January 2011	23:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts. Issued at 11:00 pm on Monday 10 January 2011
Tuesday 11 January 2011	0:06:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 12:06 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	0:19:00	FLASH FLOOD WARNING FOR LOCKYER CREEK Issued at 12:19 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	4:06:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 4:06 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	4:10:00	FLASH FLOOD WARNING FOR LOCKYER CREEK Issued at 4:10 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	5:05:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts. Issued at 5:05 am on Tuesday 11 January 2011
Tuesday 11 January 2011	6:55:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 6:55 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	6:56:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 6:56 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	7:27:00	FINAL FLASH FLOOD WARNING FOR LOCKYER CREEK Issued at 7:27 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	8:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to localised flash flooding and worsening the existing river flood situation For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Issued at 8:00 am on Tuesday 11 January 2011

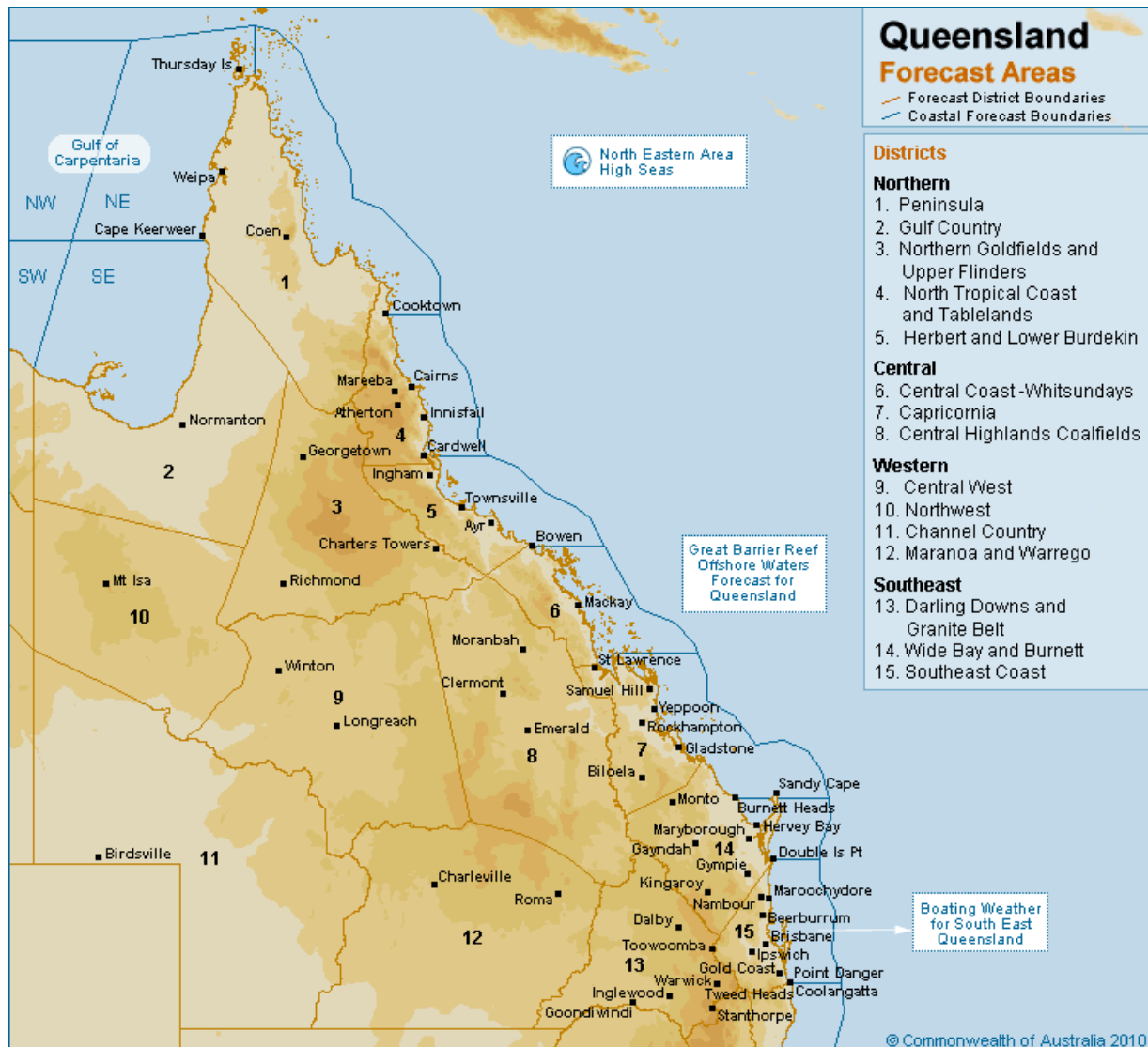
DATE	TIME OF ISSUE	WARNING HEADER
Tuesday 11 January 2011	9:28:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 9:28 AM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	11:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to flash flooding and worsening the existing river flood situation For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Issued at 11:00 am on Tuesday 11 January 2011
Tuesday 11 January 2011	12:30:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 12:30 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	13:02:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 1:02 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	14:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to flash flooding and worsening the existing river flood situation For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Issued at 2:00 pm on Tuesday 11 January 2011
Tuesday 11 January 2011	14:15:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 2:15 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	15:24:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 3:24 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	16:52:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 4:52 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	17:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to flash flooding and worsening the existing river flood situation For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Issued at 5:00 pm on Tuesday 11 January 2011
Tuesday 11 January 2011	18:44:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 6:44 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	20:05:00	FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY Issued at 8:05 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	22:00:00	SEVERE WEATHER WARNING for heavy rainfall leading to flash flooding and worsening the existing river flood situation For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Issued at 5:00 pm on Tuesday 11 January 2011
Tuesday 11 January 2011	23:07:00	FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM Issued at 11:07 PM on Tuesday the 11th of January 2011
Tuesday 11 January 2011	23:18:00	FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM Issued at 11:18 PM on Tuesday the 11th of January 2011

Appendix 9: Forecast District Map

Queensland Forecast Areas Map

Use the menu to:-

Click on the relevant **map area** to link to a corresponding forecast.



This web map should not be used to reference locations accurately.

This page was created at 9:17 on Tuesday 01 March 2011 (AEDT)

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Australian Government
Bureau of Meteorology

Appendix 10

Flood, severe weather and flash flood warnings issued by the Bureau of Meteorology between 9 January 2011 and 11 January 2011

IDQ20805 – Lockyer, Bremer, Warrill and Brisbane River below Wivenhoe including Brisbane city

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IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district and southern parts of the Wide Bay and Burnett.

Issued at 4:40 am on Sunday 9 January 2011

Synoptic Situation: At 4am EST, an upper level low was located offshore of the Capricorn coast. A surface trough was located offshore of the southern Queensland coast. Both of these systems are expected to move closer to the coast today.

Rain areas and thunderstorms are expected to increase further through the Southeast Coast district and southern parts of the Wide Bay and Burnett district today. Some heavy falls are likely which may lead to localised flash flooding and/or worsen existing river flooding.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Sunday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 7:27 AM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

The Balonne River at St George reached a peak of 13.2 metres during Saturday and remains at that level now (Sunday morning). Major flood levels will remain high (above 13 metres) during the next few days.

Moderate to major flooding extends along the Condamine and Balonne River system. Rises will extend downstream of the Loudoun Bridge area to the Chinchilla Weir area during the next few days causing renewed major flooding, but river levels will remain well below the peaks recorded during the Christmas-New Year period.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Minor to moderate flooding is generally easing again, although a renewed minor flood peak is expected at Warwick today. Further rain is forecast for the eastern Darling Downs area from today through to Tuesday which will cause renewed rises in creeks in the area, and may produce renewed Condamine River rises.

MYALL CREEK:

A second minor flood peak of 2.3 metres occurred at Dalby during Saturday afternoon and creek levels are now falling again below minor flood level. Renewed rises are possible with the forecast rain.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with some renewed rises expected during the next several days. The river levels will however remain metres below the record peaks recorded during the first week of January.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone. Record flood levels peaked in the Barrackdale area during Friday night about 1.5 metres higher than the March 2010 flood level, but have only fallen about 20 centimetres. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days.

The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 6am Sunday, the Balonne River at St George was 13.2 metres and holding at its peak which was reached during Saturday.

Major flood levels will remain high (above 13 metres) during the next few days.

High level major flooding is expected to continue in the Balonne River system



Australian Government
Bureau of Meteorology

downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi to Hebel area around mid-January.

Predicted River Heights/Flows:
Balonne River at:

St George (manual) Remain above 13 metres during the next few days.

Next Issue:

The next warning will be issued at about 4pm Sunday.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Murrays Br #	6.4m rising	06:29 AM SUN 09/01/11
Condamine R at Warwick #	4.84m rising	06:15 AM SUN 09/01/11
Condamine R at Tummalville *	7.53m falling	05:00 AM SUN 09/01/11
Condamine R at Centenary Br	6.94m falling slowly	05:00 AM SUN 09/01/11
North Condamine R at Lone Pine *	3.26m falling	05:00 AM SUN 09/01/11
Oakey Ck at Fairview *	4.18m steady	05:00 AM SUN 09/01/11
Condamine R at Loudoun Br *	5.02m falling	05:00 AM SUN 09/01/11
Myall Ck at Dalby #	1.59m falling	06:09 AM SUN 09/01/11
Condamine R at Warra-Kogan Rd Br	10.98m rising	06:00 PM SAT 08/01/11
Condamine R at Chinchilla Weir TW *	10.55m rising	05:40 AM SUN 09/01/11
Condamine R at Cotswold *	13.45m falling	05:10 AM SUN 09/01/11
Balonne R at Warkon	11.09m falling slowly	06:00 AM SUN 09/01/11
Balonne R at Surat (manual)	11.8m falling slowly	06:00 AM SUN 09/01/11
Balonne R at Weribone *	12.81m falling	05:30 AM SUN 09/01/11
Balonne R at Warroo	14.98m falling slowly	05:30 AM SUN 09/01/11
Maranoa R at Old Cashmere *	3.36m rising	05:40 AM SUN 09/01/11
Balonne R at St George (manual)	13.2m steady	06:00 AM SUN 09/01/11
Balonne R at Whyenbah	8.1m rising slowly	09:00 AM SAT 08/01/11
Culgoa R at Woolerbilla *	6.3m rising	04:00 AM SUN 09/01/11
Balonne R Minor at Dirranbandi	5.3m rising slowly	06:00 AM SUN 09/01/11
Narran R at Dirranbandi-Hebel Rd *	5.21m rising slowly	03:00 PM SAT 08/01/11
Ballandool R at Hebel-Bollon Rd *	3.68m rising slowly	05:30 AM SUN 09/01/11
Bokhara R at Hebel *	1.84m rising slowly	05:20 AM SUN 09/01/11

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR WARRILL CREEK THE LOWER BRISBANE BELOW WIVENHOE

Issued at 9:13 AM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flood levels are falling at Amberley along Warrill Creek.

SEQ Water advises releases from Wivenhoe Dam will continue through Sunday. Minor flooding will continue downstream along the Brisbane River to Mt Crosby today and tomorrow.

Weather Forecast:
Rain periods with moderate falls possible.

Next Issue:
The next warning will be issued at about 9am Monday or earlier if needed.

Latest River Heights:

Brisbane R at Savages Crossing * 10.34m falling 08:10 AM SUN 09/01/11
Brisbane R at Savages Crossing # 10.31m falling 09:03 AM SUN 09/01/11
Brisbane R at Burtons Br # 7.76m falling 08:59 AM SUN 09/01/11
Cabbage Tree Ck at L Manchester # 51.19m steady 07:55 AM SUN 09/01/11
Brisbane R at Kholo Br # 2.61m falling 08:59 AM SUN 09/01/11
Brisbane R at Mt Crosby # 11.21m steady 08:55 AM SUN 09/01/11
Brisbane R at Mt Crosby # 11.14m falling 09:06 AM SUN 09/01/11
Brisbane R at Colleges Crossing # 8.91m steady 09:07 AM SUN 09/01/11
Warrill Ck at Amberley DNR * 5.07m falling 08:20 AM SUN 09/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 9:28 AM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall has returned to the Brisbane River catchment overnight and will continue through today.

Minor flood levels are occurring along the Stanley River at Peachester. Some moderate flood levels are expected today at Woodford with higher levels possible as rainfall continues.

A return to moderate and major flood levels is likely from Linville to Gregor Creek today.

Next Issue:

The next warning will be issued by 2pm Sunday.

Latest River Heights:

Stanley R at Peachester *	5.19m rising	08:00 AM SUN 09/01/11
Stanley R at Peachester #	5.88m rising	09:10 AM SUN 09/01/11
Stanley R at Woodford *	4.4m rising	08:20 AM SUN 09/01/11
Kilcoy Ck d/s Mt Kilcoy Weir *	4.88m rising	08:20 AM SUN 09/01/11
Stanley R at Somerset Dam HW #	100.12m rising	09:03 AM SUN 09/01/11
Cooyar Ck at Cooyar Ck *	2.71m steady	08:00 AM SUN 09/01/11
Brisbane R at Linville #	3.52m rising	09:12 AM SUN 09/01/11
Brisbane R at Devon Hills #	5.25m falling	09:12 AM SUN 09/01/11
Emu Ck at Boat Mountain *	2.13m falling	08:00 AM SUN 09/01/11
Maronghi Ck at Glendale *	2.01m rising	08:00 AM SUN 09/01/11
Brisbane R at Gregor Ck *	4.92m rising	08:30 AM SUN 09/01/11
Cressbrook Ck at Rosentreter Br *	2.29m steady	08:00 AM SUN 09/01/11
Cressbrook Ck at Rosentreter Br #	2.28m falling	07:36 AM SUN 09/01/11
Esk Ck at Falls Rd *	1.96m falling	08:20 AM SUN 09/01/11
Splityard Creek Dam #	163.2m steady	07:19 AM SUN 09/01/11
Brisbane R at Wivenhoe Dam HW #	68.55m rising	09:00 AM SUN 09/01/11

*automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District.

Issued at 10:55 am on Sunday 9 January 2011

Synoptic Situation: At 10am EST, an upper level low was located offshore of the Capricorn coast. A surface trough was located offshore of the southern Queensland coast. Both of these systems are expected to move closer to the coast today.

Rain areas and thunderstorms are expected to increase further through the Southeast Coast district and southern parts of the Wide Bay and Burnett district today. The heavy rain areas are expected to move into the eastern parts of the Darling Downs and Granite Belt District overnight. Some heavy falls are likely which may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: Rainfall over 100mm was recorded in the last 24 hours about parts of the Sunshine Coast and Hinterland.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5pm Sunday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 2:12 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of up to 85 millimetres has been recorded in the catchments of the Upper Brisbane and Stanley Rivers during the 5 hours since 9am Sunday. Heavy rainfall is expected to continue in the catchments during Sunday and Monday with major flood levels expected in the Upper Brisbane River during Sunday and into Monday.

UPPER BRISBANE RIVER:

The heavy rainfall is causing very fast rises in the Upper Brisbane River at Linville with major flood levels expected during Sunday afternoon. Fast rises to major flood levels are expected downstream to Gregor Creek during Sunday and into Monday.

STANLEY RIVER:

Minor flood levels are currently steady in the Stanley River at Peachester but renewed rises are possible during the next 24 hours. Moderate flood levels are expected later today at Woodford with higher levels possible as rainfall continues. Rises and flooding are also possible in Kilcoy Creek during the next 24 hours.

Next Issue:

The next warning will be issued by 10pm Sunday.

Latest River Heights:

Stanley R at Peachester #	7.68m steady	01:37 PM SUN 09/01/11
Stanley R at Woodford #	4.92m rising	01:31 PM SUN 09/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	6.48m steady	01:43 PM SUN 09/01/11
Cooyar Ck at Cooyar Ck #	5.1m rising	01:45 PM SUN 09/01/11
Brisbane R at Linville *	3.41m rising	08:10 AM SUN 09/01/11
Brisbane R at Devon Hills #	5.61m rising	01:46 PM SUN 09/01/11
Emu Ck at Boat Mountain #	2.82m rising	01:43 PM SUN 09/01/11
Maronghi Ck at Glendale *	2.08m rising	12:17 PM SUN 09/01/11
Brisbane R at Gregor Ck #	6.48m rising	01:44 PM SUN 09/01/11
Cressbrook Ck at Rosentreter Br #	3.12m rising	01:30 PM SUN 09/01/11

*,# automatic

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER

Issued at 2:48 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall is being recorded in a rainband that stretches from Gympie to the northern suburbs of Brisbane and inland to Dalby. Totals of up to 25 to 50 millimetres have been recorded in the last hour within this rainband with the heaviest rainfall currently in the upper reaches of the Caboolture River and Kilcoy Creek.

This rainband is expected to move south during this afternoon and during Sunday night. Fast rises and flash flooding are possible during tonight in the Caboolture and Pine River catchments and in the Brisbane Metropolitan creeks.

A flood warning is current for the Mary River, Sunshine Coast Streams, Upper Brisbane and Lower Brisbane Rivers.

The heaviest rainfall during the 6 hours to 3pm Sunday includes Wamuran 94mm, Mt Mee 99mm and Maleny 92mm.

Next Issue:

The next warning will be issued at about 7pm.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/>. Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 3:28 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

The Balonne River at St George reached a peak of 13.2 metres during Saturday and has remained steady at that level during Sunday. Major flood levels will remain high (above 13 metres) during the next few days.

Moderate to major flooding extends along the Condamine and Balonne River system. Rises will extend downstream of the Loudoun Bridge area to the Chinchilla Weir area during the next few days causing renewed major flooding, but river levels will remain well below the peaks recorded during the Christmas-New Year period.

Further rain is forecast for the eastern Darling Downs area from today through to Tuesday which will cause renewed rises in creeks in the area, and may produce renewed Condamine River rises.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Minor to moderate flooding is generally easing in the Upper Condamine with levels at Warwick currently steady just above minor flood level. Further rises are possible during the next couple of days with the forecast heavy rainfall.

MYALL CREEK:

Flood levels have fallen below minor in Myall Creek at Dalby but rainfall has started to fall in the upper reaches and renewed rises are expected during Sunday night.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with some renewed rises expected during the next several days. The river levels will however remain metres below the record peaks recorded during the first week of January.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone. Record flood levels peaked in the Barrackdale area during Friday night about 1.5 metres higher than the March 2010 flood level, but have only fallen about 20 centimetres. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days.

The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 6am Sunday, the Balonne River at St George was 13.2 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) during the next few days.



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Bureau of Meteorology

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi area by mid-week and in the Hebel area later this week.

Predicted River Heights/Flows:
Balonne River at:

St George (manual) Remain above 13 metres during the next few days.

Next Issue:

The next warning will be issued at about 11pm Sunday.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	0.85m rising	02:24 PM SUN 09/01/11
Condamine R at Elbow Valley #	4.18m rising	02:52 PM SUN 09/01/11
Condamine R at Murrays Br #	6.3m falling	02:52 PM SUN 09/01/11
Condamine R @ Warwick(Scots Col.) *	3.29m steady	02:00 PM SUN 09/01/11
Condamine R at Warwick #	5.09m steady	02:34 PM SUN 09/01/11
Glengallan Ck near Backwater Ck #	1.35m steady	01:58 PM SUN 09/01/11
Condamine R at Tummalville *	7.16m falling	02:00 PM SUN 09/01/11
Condamine R at Centenary Br	6.9m falling slowly	09:00 AM SUN 09/01/11
North Condamine R at Lone Pine *	3.08m falling	01:00 PM SUN 09/01/11
Oakey Ck at Fairview *	4m falling	02:00 PM SUN 09/01/11
Condamine R at Loudoun Br *	5.09m rising	02:00 PM SUN 09/01/11
Myall Ck at Dalby #	1.09m falling	02:48 PM SUN 09/01/11
Condamine R at Warra-Kogan Rd Br	11.4m steady	06:00 AM SUN 09/01/11
Condamine R at Chinchilla Weir TW *	11.08m rising	02:30 PM SUN 09/01/11
Condamine R at Condamine	8.45m rising slowly	12:00 PM SUN 09/01/11
Condamine R at Cotswold *	13.22m steady	02:20 PM SUN 09/01/11
Balonne R at Warkon	11.09m steady	02:00 PM SUN 09/01/11
Yuleba Ck at Yuleba Forestry *	2.65m falling	02:20 PM SUN 09/01/11
Balonne R at Surat * (auto)	11.22m falling	02:40 PM SUN 09/01/11
Balonne R at Surat (manual)	11.8m falling slowly	06:00 AM SUN 09/01/11
Balonne R at Weribone *	12.72m falling	02:10 PM SUN 09/01/11
Balonne R at Warroo	14.98m falling slowly	05:30 AM SUN 09/01/11
Maranoa R at Old Cashmere *	3.53m steady	02:30 PM SUN 09/01/11
Balonne R at St George (manual)	13.2m steady	03:00 PM SUN 09/01/11
Balonne R at St George * (auto)	12.83m steady	02:30 PM SUN 09/01/11
Balonne R at Whyenbah	8.1m steady	09:00 AM SUN 09/01/11
Culgoa R at Woolerbillia *	6.31m rising	07:00 AM SUN 09/01/11
Balonne R Minor at Dirranbandi	5.3m rising slowly	06:00 AM SUN 09/01/11
Narran R at Dirranbandi-Hebel Rd *	5.25m steady	09:00 AM SUN 09/01/11
Ballandool R at Hebel-Bollon Rd *	3.69m steady	01:00 PM SUN 09/01/11
Bokhara R at Hebel *	1.85m steady	12:30 PM SUN 09/01/11

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District.

Issued at 4:55 pm on Sunday 9 January 2011

Synoptic Situation: At 4pm EST, an upper level low was located near the Wide Bay coast. A surface trough was located near the southern Queensland coast. Both of these systems are moving towards the west and southwest.

Rain areas and thunderstorms are expected to continue about the northern and central parts of the Southeast Coast District, southern parts of the Wide Bay and Burnett District, and northeastern parts of the Darling Downs and Granite Belt district. The heavy rain areas are expected to move into the southern parts towards the border with New South Wales and west to the Granite Belt overnight. Heavy falls are likely which may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: In the past 24 hours, Maleny has recorded 239mm, West Bellthorpe 233mm and Lindfield 226mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Sunday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER

Issued at 7:05 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

A rainband stretches from Gympie to the northern suburbs of Brisbane and inland to Dalby. Rainfall totals of up to 180 millimetres have been recorded in the Sunshine Coast region in the six hours to 7pm. The heaviest rainfall in the past two hours has been in the Killcoy, Stanley and Upper Mary catchments, with totals up to 60 millimetres recorded. The rainband is expected to move south during Sunday night.

Fast river rises have occurred in the Caboolture River resulting in minor flooding at Caboolture. Further rises in the Caboolture River and Pine River catchments are expected overnight Sunday.

Fast river rises have occurred in Woogaroo Creek resulting in moderate flooding at Opossum. Further flooding is possible in the Brisbane and Ipswich metropolitan creeks overnight Sunday.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers.

Next Issue:

The next warning will be issued at about 11pm.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/>. Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 10:38 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of between 100 and 250 millimetres has been recorded in the catchments of the Upper Brisbane and Stanley Rivers during the 13 hours since 9am Sunday. The heavy rainfall is expected to continue in the catchments with major flood levels being maintained during Sunday and Monday.

UPPER BRISBANE RIVER:

Major flooding has developed in Cooyar and Cressbrook Creeks and in the Upper Brisbane River from Linville downstream to Gregor Creek. Further rises and high level major flooding are possible during Sunday and into Monday.

STANLEY RIVER:

Major flood levels are continuing to rise in the Stanley River at Peachester and Woodford. Further rises and high level major flooding are possible during Sunday and into Monday.

Further rises and flooding are also possible in Kilcoy Creek during the next 24 hours.

Next Issue:

The next warning will be issued by 9am Monday.

Latest River Heights:

Stanley R at Peachester #	8.92m steady	10:07 PM SUN 09/01/11
Stanley R at Woodford #	8.18m rising	10:11 PM SUN 09/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	7.12m steady	10:11 PM SUN 09/01/11
Cooyar Ck at Cooyar Ck #	8.1m rising	10:00 PM SUN 09/01/11
Brisbane R at Linville #	9.66m steady	10:06 PM SUN 09/01/11
Brisbane R at Devon Hills #	11.19m falling	10:00 PM SUN 09/01/11
Emu Ck at Boat Mountain #	9.72m steady	10:06 PM SUN 09/01/11
Brisbane R at Gregor Ck #	14.52m falling	10:11 PM SUN 09/01/11
Cressbrook Ck at Rosentreter Br #	5.16m falling	10:06 PM SUN 09/01/11

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOWER BRISBANE BELOW WIVENHOE

Issued at 10:55 PM on Sunday the 9th of January 2011

by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek upstream of Gatton and in the Bremer River in the Rosewood area. Further rainfall is forecast for the region during Monday which may produce higher levels.

LOCKYER CREEK:

Lockyer Creek levels in the Helidon area have peaked at about 7 metres with further rises and moderate to major flooding expected downstream to the O'Reilly's area during Monday.

BREMER RIVER:

River level rises and moderate to major flooding continue in the Rosewood area. Further rises are expected downstream during the next 24 hours with at least minor flood levels expected in the Bremer River at Ipswich during Monday night.

MIDDLE AND LOWER BRISBANE:

SEQ Water advises releases from Wivenhoe Dam will continue. Minor flooding will continue along the middle Brisbane River at Savages and Mt Crosby with moderate flood levels expected at Mt Crosby overnight Monday.

Next Issue:

The next warning will be issued at about 9am Monday.

Latest River Heights:

Lockyer Ck at Helidon #	6.68m falling	10:08 PM SUN 09/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.65m rising	08:40 PM SUN 09/01/11
Sandy Creek at Sandy Creek Road #	4.25m falling	10:03 PM SUN 09/01/11
Ma Ma Ck at Harm's *	1.92m steady	08:00 AM SUN 09/01/11
Tenthill Ck at Tenthill *	2.45m steady	08:33 PM SUN 09/01/11
Lockyer Ck at Gatton #	9.62m falling	09:58 PM SUN 09/01/11
Laidley Ck at Mulgowie *	3.33m rising	08:00 PM SUN 09/01/11
Laidley Ck at Laidley	3.95m falling slowly	08:00 PM SUN 09/01/11
Laidley Ck at Showground Weir #	5.6m falling	08:55 PM SUN 09/01/11
Bill Gunn Dam #	110.06m steady	09:44 PM SUN 09/01/11
Laidley Ck at Warrego Hwy *	4.36m rising	08:00 PM SUN 09/01/11
L Lockyer Ck at Glenore Grove #	8.8m rising	10:09 PM SUN 09/01/11
Lockyer Ck at Lyons Br #	10.03m rising	10:08 PM SUN 09/01/11
Lockyer Ck at Rifle Range Rd *	9.47m rising	08:40 PM SUN 09/01/11
Atkinson Dam #	65.76m steady	09:52 PM SUN 09/01/11
Lockyer Ck at O'Reilly's Weir #	12m rising	10:05 PM SUN 09/01/11



Australian Government
Bureau of Meteorology

Brisbane R at Lowood Pump Stn #	10.87m falling	10:07 PM SUN 09/01/11
Brisbane R at Savages Crossing #	11.47m rising	10:09 PM SUN 09/01/11
Brisbane R at Burtons Br #	8.78m rising	10:08 PM SUN 09/01/11
Cabbage Tree Ck at L Manchester #	51.97m rising	10:10 PM SUN 09/01/11
Brisbane R at Kholo Br #	3.61m rising	10:10 PM SUN 09/01/11
Brisbane R at Mt Crosby #	11.9m rising	10:09 PM SUN 09/01/11
Brisbane R at Colleges Crossing #	9.71m rising	10:11 PM SUN 09/01/11
Bremer R at Adams Br #	2.15m falling	10:03 PM SUN 09/01/11
Bremer R at Stokes Crossing #	2.65m rising	09:53 PM SUN 09/01/11
Bremer R at Spresters Br #	4.87m rising	09:56 PM SUN 09/01/11
Spring Ck at Greys Plains Rd #	1.14m steady	09:48 PM SUN 09/01/11
Western Ck at Grandchester #	3.38m rising	10:07 PM SUN 09/01/11
Western Ck at Rosewood WWTP #	6.43m rising	08:45 PM SUN 09/01/11
Bremer R at Rosewood #	5.02m rising	10:05 PM SUN 09/01/11
Bremer R at Five Mile Br Walloon #	4m rising	10:09 PM SUN 09/01/11
Bremer R at Walloon DERM *	4.54m rising	08:00 PM SUN 09/01/11
Reynolds Ck at Moogerah Dam #	155.5m steady	09:01 PM SUN 09/01/11
Warrill Ck at Kalbar Weir HW #	75.75m steady	09:59 PM SUN 09/01/11
Warrill Ck at Kalbar Weir TW *	5.25m falling	08:40 PM SUN 09/01/11
Warrill Ck at Harrisville#	2.45m rising	10:08 PM SUN 09/01/11
Warrill Ck at Churchbank Weir #	0.76m steady	07:29 PM SUN 09/01/11
Warrill Ck at Greens Rd Amberley #	4.52m rising	10:05 PM SUN 09/01/11
Warrill Ck at Amberley DNR *	5.43m rising	08:40 PM SUN 09/01/11
Purga Ck at Peak Crossing #	1.16m rising	08:08 PM SUN 09/01/11
Purga Ck at Loamside *	4.19m falling	08:40 PM SUN 09/01/11
Bremer R at Berry's Lagoon *	17.66m rising	08:30 PM SUN 09/01/11
Bremer R at One Mile Br #	8.9m rising	10:11 PM SUN 09/01/11
Bremer R at Hancocks Br Brassall #	5.98m steady	10:11 PM SUN 09/01/11
Bremer R at Ipswich #	3.95m rising	09:58 PM SUN 09/01/11
Brisbane R at Moggill #	3.57m rising	09:46 PM SUN 09/01/11
Brisbane R at City Gauge #	0.1m steady	08:12 PM SUN 09/01/11
Moreton Bay at Whyte Island #	0.45m rising	10:07 PM SUN 09/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 11:00 pm on Sunday 9 January 2011

Synoptic Situation: At 10pm EST, an upper level low was located over the southern Capricornia. A surface trough was located near the Fraser coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue about northern and central parts of the Southeast Coast District, southern parts of the Wide Bay and Burnett District, and northeastern parts of the Darling Downs and Granite Belt district. The heavy rain areas are expected to extend further south to the New South Wales border and west to the Granite Belt overnight. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: In the past 24 hours, Maleny has recorded 336mm, West Bellthorpe 331mm and Lindfield 301mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Monday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER

Issued at 11:02 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

A rainband stretches from Gympie to the northern suburbs of Brisbane and inland to Dalby. Rainfall totals of up to 260 millimetres have been recorded in the Sunshine Coast region since 9am Sunday. Rainfall has generally eased in the past two hours, however, further heavy rainfall is expected overnight and during Monday.

Minor flood levels are easing in the Caboolture River at Caboolture. Renewed rises are still possible in the Caboolture and Pine River catchments during Monday.

Minor flooding is easing in Woogaroo Creek at Opossum. Heavy rainfall and flash flooding are possible in the Brisbane and Ipswich metropolitan creeks during Monday.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.

Next Issue:

The next warning will be issued at about 9am Monday or earlier if needed.

Latest River Heights:

nil.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/>. Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 11:46 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfalls of between 50-80mm have been recorded in the Myall Creek catchment since 9am Sunday. River level rises and major flooding is being recorded at Clydesdale with at least moderate and possibly major floods levels likely at Dalby during Monday. Further rainfall is possible in the catchment overnight Sunday.

The Balonne River at St George reached a peak of 13.2 metres during Saturday and has remained steady at that level during Sunday. Major flood levels will remain high (above 13 metres) during the next few days.

Moderate to major flooding extends along the Condamine and Balonne River system. Rises will extend downstream of the Loudoun Bridge area to the Chinchilla Weir area during the next few days causing renewed major flooding, but river levels will remain well below the peaks recorded during the Christmas-New Year period.

Further rain is forecast for the eastern Darling Downs area during Monday into Tuesday which will cause renewed rises in creeks in the area, and may produce renewed Condamine River rises.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Minor to moderate flooding is generally easing in the Upper Condamine with levels at Warwick currently steady just above minor flood level. Further rises are possible during the next couple of days with the forecast heavy rainfall.

MYALL CREEK:

Major flood levels continue to rise in Myall Creek in the Clydesdale area and minor flood levels are possible in the north Myall Creek at Moffatt during Monday morning. Minor flood levels at Dalby are rising with moderate flood levels likely during Monday and major flood levels possible during Monday night. Higher levels are possible with the forecast of further heavy rainfall.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with some renewed rises expected during the next several days. The river levels will however remain metres below the record peaks recorded during the first week of January.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone. Record flood levels peaked in the Barrackdale area during Friday night about 1.5 metres higher than the March 2010 flood level, but have only fallen about 20 centimetres. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days.



The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 9pm Sunday, the Balonne River at St George was 13.2 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) during the next few days.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi area by mid-week and in the Hebel area later this week.

Predicted River Heights/Flows:

Myall Creek at Dalby: Reach 3 metres (moderate) by midday Monday
Possibly reach 3.5 metres (major) Monday night.

Balonne River at:

St George (manual) Remain above 13 metres during the next few days.

Next Issue:

The next warning will be issued at about 8am Sunday.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	0.95m rising	10:33 PM SUN 09/01/11
Condamine R at Elbow Valley #	3.83m falling	10:43 PM SUN 09/01/11
Condamine R at Murrays Br #	6.2m rising	10:47 PM SUN 09/01/11
Condamine R @ Warwick(Scots Col.) *	3.11m falling	08:00 PM SUN 09/01/11
Condamine R at Warwick #	4.89m falling	10:19 PM SUN 09/01/11
Glengallan Ck near Backwater Ck #	2.3m rising	10:53 PM SUN 09/01/11
Condamine R at Tummalville *	6.96m falling	09:00 PM SUN 09/01/11
Condamine R at Centenary Br	6.87m falling slowly	06:00 PM SUN 09/01/11
North Condamine R at Lone Pine *	3.04m rising	09:00 PM SUN 09/01/11
Oakey Ck at Fairview *	3.8m falling	09:00 PM SUN 09/01/11
Condamine R at Loudoun Br *	5.29m rising	09:00 PM SUN 09/01/11
Myall Ck at Dalby #	2.09m rising	10:46 PM SUN 09/01/11
Condamine R at Warra-Kogan Rd Br	11.18m falling slowly	06:00 PM SUN 09/01/11
Condamine R at Chinchilla Weir TW *	11.34m steady	08:40 PM SUN 09/01/11
Condamine R at Condamine	8.35m falling slowly	04:00 PM SUN 09/01/11
Condamine R at Cotswold *	13.05m falling	08:40 PM SUN 09/01/11
Balonne R at Warkon	11.07m falling slowly	09:00 PM SUN 09/01/11
Yuleba Ck at Yuleba Forestry *	2.42m falling	08:40 PM SUN 09/01/11
Balonne R at Surat * (auto)	11.18m falling	08:50 PM SUN 09/01/11
Balonne R at Surat (manual)	11.65m falling slowly	08:00 PM SUN 09/01/11
Bungil Ck at Roma	2.2m steady	07:00 PM SUN 09/01/11
Balonne R at Weribone *	12.66m steady	08:40 PM SUN 09/01/11
Balonne R at Warroo	14.5m falling slowly	05:00 PM SUN 09/01/11
Maranoa R at Old Cashmere *	3.61m steady	08:00 PM SUN 09/01/11
Balonne R at St George (manual)	13.2m steady	09:00 PM SUN 09/01/11



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Balonne R at St George *	(auto)	12.85m rising	08:30 PM SUN 09/01/11
Balonne R at Whyenbah		8.1m steady	09:00 AM SUN 09/01/11
Culgoa R at Woolerbilla *		6.39m rising	10:10 PM SUN 09/01/11
Balonne R Minor at Dirranbandi		5.3m rising slowly	06:00 AM SUN 09/01/11
Narran R at Dirranbandi-Hebel Rd *		5.26m steady	03:00 PM SUN 09/01/11
Ballandool R at Hebel-Bollon Rd *		3.71m steady	08:00 PM SUN 09/01/11
Bokhara R at Hebel *		1.87m rising	08:20 PM SUN 09/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at
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public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOWER BRISBANE BELOW WIVENHOE

Issued at 12:36 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek upstream of Gatton and in the Bremer River in the Rosewood area. Further heavy rainfall is forecast for the catchments of the Bremer River and Warrill and Lockyer Creeks during Monday.

LOCKYER CREEK:

Moderate to major flood levels have developed in Lockyer Creek upstream of Gatton. Levels in the Helidon area have peaked at about 7 metres and rises continue at Gatton. Rises to major flood levels are expected during Monday at Glenore Grove and Lyons Bridge.

BREMER RIVER:

River level rises and moderate to major flooding continue in the Rosewood area. Further rises are expected downstream during the next 24 hours with at least minor flood levels expected in the Bremer River at Ipswich during Monday night and continuing into Tuesday.

MIDDLE AND LOWER BRISBANE:

SEQ Water advises releases from Wivenhoe Dam will continue. Minor flooding will continue along the middle Brisbane River at Savages and Mt Crosby during Monday with moderate flood levels expected overnight Monday.

Higher than predicted tides are expected to continue in the Lower Brisbane area during Monday. Minor flood levels are possible on the high tide at the Brisbane City (Port Office) gauge during Tuesday and Wednesday.

Next Issue:

The next warning will be issued at about 9.30am Monday.

Latest River Heights:

Lockyer Ck at Helidon #	6.5m rising	11:47 PM SUN 09/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.65m rising	08:40 PM SUN 09/01/11
Sandy Creek at Sandy Creek Road #	4.2m rising	11:39 PM SUN 09/01/11
Lockyer Ck at Gatton #	12.98m steady	11:46 PM SUN 09/01/11
Laidley Ck at Mulgowie *	3.45m rising	10:00 PM SUN 09/01/11
Laidley Ck at Laidley	3.95m falling slowly	08:00 PM SUN 09/01/11
Laidley Ck at Showground Weir *	5.62m falling	08:30 PM SUN 09/01/11
Laidley Ck at Showground Weir #	5.72m rising	11:37 PM SUN 09/01/11
Laidley Ck at Warrego Hwy *	4.75m rising	10:00 PM SUN 09/01/11
Lockyer Ck at Glenore Grove #	9.98m rising	11:48 PM SUN 09/01/11
Lockyer Ck at Lyons Br #	10.73m rising	11:47 PM SUN 09/01/11
Lockyer Ck at Rifle Range Rd *	9.47m rising	08:40 PM SUN 09/01/11



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Lockyer Ck at O'Reilly's Weir #	12.34m rising	11:45 PM SUN 09/01/11
Brisbane R at Lowood Pump Stn #	11.19m falling	11:46 PM SUN 09/01/11
Brisbane R at Savages Crossing #	11.73m rising	11:48 PM SUN 09/01/11
Brisbane R at Burtons Br #	9.06m rising	11:32 PM SUN 09/01/11
Brisbane R at Kholo Br #	3.91m rising	11:44 PM SUN 09/01/11
Brisbane R at Mt Crosby #	12.24m steady	11:49 PM SUN 09/01/11
Brisbane R at Colleges Crossing #	9.91m rising	11:46 PM SUN 09/01/11
Bremer R at Spresters Br #	4.97m rising	11:08 PM SUN 09/01/11
Western Ck at Grandchester #	4.23m rising	11:45 PM SUN 09/01/11
Western Ck at Rosewood WWTP #	6.63m rising	11:49 PM SUN 09/01/11
Bremer R at Rosewood #	5.14m rising	11:41 PM SUN 09/01/11
Bremer R at Five Mile Br Walloon #	4.66m rising	11:48 PM SUN 09/01/11
Bremer R at Walloon DERM *	5.04m rising	10:30 PM SUN 09/01/11
Reynolds Ck at Moogerah Dam #	155.48m falling	11:34 PM SUN 09/01/11
Warrill Ck at Harrisville #	2.74m rising	11:44 PM SUN 09/01/11
Warrill Ck at Harrisville#	2.65m rising	11:32 PM SUN 09/01/11
Warrill Ck at Greens Rd Amberley #	4.4m falling	11:47 PM SUN 09/01/11
Warrill Ck at Amberley DNR *	5.43m rising	08:40 PM SUN 09/01/11
Bremer R at Berry's Lagoon *	17.66m rising	08:30 PM SUN 09/01/11
Bremer R at One Mile Br #	9.25m rising	11:33 PM SUN 09/01/11
Bremer R at Hancocks Br Brassall #	6.23m rising	11:33 PM SUN 09/01/11
Bremer R at Ipswich #	4.1m rising	11:34 PM SUN 09/01/11
Brisbane R at Moggill #	3.72m rising	11:44 PM SUN 09/01/11
Brisbane R at City Gauge #	0.9m rising	11:12 PM SUN 09/01/11

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 1:44 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfalls have eased in the catchment of Myall Creek during the last 3 hours and further heavy rainfall is now more likely in south eastern Darling Downs. Major flooding has peaked at Clydesdale and levels have remained below minor at Moffatt. Rises continue at Dalby but flood levels are now expected to peak up to the moderate flood level of 3 metres by 8am Monday.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Warra-Kogan Road Bridge to Dirranbandi.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine and Oakey Creek during Monday into Tuesday.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Minor to moderate flooding is generally easing in the Upper Condamine with river levels at Warwick currently steady just above minor flood level. Further rises are possible during the next couple of days with the forecast heavy rainfall.

MYALL CREEK:

Rainfalls have eased in the catchment of Myall Creek during the last 3 hours and further heavy rainfall is now more likely in south eastern Darling Downs. Major flooding has peaked at Clydesdale and levels have remained below minor at Moffatt. Rises continue at Dalby but flood levels are now expected to peak up to the moderate flood level of 3 metres by 8am Monday.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with some renewed rises expected during the next several days. The river levels will however remain metres below the record peaks recorded during the first week of January.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 9pm Sunday, the Balonne River at St George was 13.2 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) during the next few days.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes



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the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi area by mid-week and in the Hebel area later this week.

Predicted River Heights/Flows:

Myall Creek at Dalby: Peak up to 3 metres (moderate flood level) by 8am Monday

Balonne River at:

St George (manual) Remain above 13 metres during the next few days.

Next Issue:

The next warning will be issued at about 10am Monday.

(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	1.2m rising	01:01 AM MON 10/01/11
Condamine R at Elbow Valley #	3.73m falling	12:24 AM MON 10/01/11
Condamine R at Murrays Br #	6.15m falling	12:38 AM MON 10/01/11
Condamine R @ Warwick(Scots Col.) *	2.97m falling	11:00 PM SUN 09/01/11
Condamine R at Warwick #	4.84m falling	11:53 PM SUN 09/01/11
Glengallan Ck near Backwater Ck #	2.65m rising	12:15 AM MON 10/01/11
Condamine R at Tumnaville *	6.87m falling	11:00 PM SUN 09/01/11
Condamine R at Centenary Br	6.87m falling slowly	06:00 PM SUN 09/01/11
North Condamine R at Lone Pine *	3.13m rising	11:00 PM SUN 09/01/11
Oakey Ck at Fairview *	3.75m falling	11:00 PM SUN 09/01/11
Condamine R at Loudoun Br *	5.38m rising	11:00 PM SUN 09/01/11
Myall Ck at Dalby #	2.39m rising	12:52 AM MON 10/01/11
Condamine R at Warra-Kogan Rd Br	11.18m falling slowly	06:00 PM SUN 09/01/11
Condamine R at Chinchilla Weir TW *	11.44m rising	11:40 PM SUN 09/01/11
Condamine R at Condamine	8.35m falling slowly	04:00 PM SUN 09/01/11
Condamine R at Cotswold *	12.97m falling	11:40 PM SUN 09/01/11
Balonne R at Warkon	11.07m falling slowly	09:00 PM SUN 09/01/11
Yuleba Ck at Yuleba Forestry *	2.34m falling	11:40 PM SUN 09/01/11
Balonne R at Surat * (auto)	11.13m falling	11:50 PM SUN 09/01/11
Balonne R at Surat (manual)	11.65m falling slowly	08:00 PM SUN 09/01/11
Bungil Ck at Roma	2.2m steady	07:00 PM SUN 09/01/11
Balonne R at Weribone *	12.62m falling	11:40 PM SUN 09/01/11
Balonne R at Warroo	14.5m falling slowly	05:00 PM SUN 09/01/11
Maranoa R at Old Cashmere *	3.6m steady	11:00 PM SUN 09/01/11
Balonne R at St George (manual)	13.2m steady	09:00 PM SUN 09/01/11
Balonne R at St George * (auto)	12.81m falling	11:30 PM SUN 09/01/11
Balonne R at Whyenbah	8.1m steady	09:00 AM SUN 09/01/11
Culgoa R at Woolerbilla *	6.39m rising	10:10 PM SUN 09/01/11
Balonne R Minor at Dirranbandi	5.3m rising slowly	06:00 AM SUN 09/01/11
Narran R at Dirranbandi-Hebel Rd *	5.26m steady	03:00 PM SUN 09/01/11
Ballandool R at Hebel-Bollon Rd *	3.71m steady	08:00 PM SUN 09/01/11
Bokhara R at Hebel *	1.87m rising	08:20 PM SUN 09/01/11

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on



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telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



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Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 5:00 am on Monday 10 January 2011

Synoptic Situation: At 4am EST, an upper level low was located over the southern Capricornia. A surface trough was located near the Fraser coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: In the past 24 hours, West Bellthorpe recorded 343mm, Maleny 337mm, and Lindfield 313mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Monday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 6:13 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfalls have eased in the catchment of Myall Creek during the last 6 hours, although further rain periods will continue today. At 6am, Dalby was 3 metres and rising. Dalby is expected to reach about 3.5 metres by midday today, with possible further rises during the afternoon depending on upstream river levels and further rain.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine and Oakey Creek during Monday into Tuesday. Renewed rises and flooding is likely in tributary creeks and at Killarney to Warwick during the next 2 days with the forecast heavy rainfall.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Warra-Kogan Road Bridge to Dirranbandi.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Minor to moderate flooding is generally easing in the Upper Condamine with river levels at Warwick falling below minor flood level. Renewed rises and flooding is likely in tributary creeks and at Killarney to Warwick during the next 2 days with the forecast heavy rainfall.

MYALL CREEK:

Rainfalls have eased in the catchment of Myall Creek during the last 6 hours, although further rain periods will continue today. At 6am, Dalby was 3 metres and rising. Dalby is expected to reach about 3.5 metres by midday today, with possible further rises during the afternoon depending on upstream river levels and further rain.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with some renewed rises expected during the next several days. The river levels will however remain metres below the record peaks recorded during the first week of January.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with some renewed rises expected over the next several days. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 6am Monday, the Balonne River at St George was 13.2 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) until mid-week.



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High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi area by mid-week and in the Hebel area later this week.

Predicted River Heights/Flows:

Myall Creek at Dalby: Reach 3.5 metres (major flood level) by midday Monday

Balonne River at:

St George (manual) Remain above 13 metres during the next few days.

Next Issue:

The next warning will be issued at about 11am Monday.

(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	1.5m falling	05:23 AM MON 10/01/11
Condamine R at Elbow Valley #	3.68m steady	05:08 AM MON 10/01/11
Condamine R at Murrays Br #	5.95m falling	05:12 AM MON 10/01/11
Condamine R @ Warwick(Scots Col.) *	2.87m falling	03:00 AM MON 10/01/11
Condamine R at Warwick #	4.74m falling	04:35 AM MON 10/01/11
Condamine R at Tummalville *	6.72m falling	03:00 AM MON 10/01/11
Condamine R at Centenary Br	6.8m falling slowly	05:00 AM MON 10/01/11
North Condamine R at Lone Pine *	3.16m falling	03:00 AM MON 10/01/11
Oakey Ck at Fairview *	3.98m rising	03:00 AM MON 10/01/11
Condamine R at Loudoun Br *	5.55m rising	03:00 AM MON 10/01/11
Myall Ck at Dalby #	3.00m rising	06:00 AM MON 10/01/11
Condamine R at Warra-Kogan Rd Br	11.18m falling slowly	06:00 PM SUN 09/01/11
Condamine R at Chinchilla Weir TW *	11.53m rising	02:40 AM MON 10/01/11
Condamine R at Condamine	8.35m falling slowly	04:00 PM SUN 09/01/11
Condamine R at Cotswold *	12.88m falling	02:50 AM MON 10/01/11
Balonne R at Warkon	11.07m falling slowly	09:00 PM SUN 09/01/11
Yuleba Ck at Yuleba Forestry *	2.34m falling	11:40 PM SUN 09/01/11
Balonne R at Surat * (auto)	11.12m falling	02:50 AM MON 10/01/11
Balonne R at Surat (manual)	11.65m falling slowly	08:00 PM SUN 09/01/11
Bungil Ck at Roma	2.2m steady	07:00 PM SUN 09/01/11
Balonne R at Weribone *	12.6m falling	02:50 AM MON 10/01/11
Balonne R at Warroo	14.5m falling slowly	05:00 PM SUN 09/01/11
Maranoa R at Old Cashmere *	3.6m steady	02:00 AM MON 10/01/11
Balonne R at St George (manual)	13.2m steady	09:00 PM SUN 09/01/11
Balonne R at Whyenbah	8.1m steady	09:00 AM SUN 09/01/11
Culgoa R at Woolerbilla *	6.41m steady	04:00 AM MON 10/01/11
Balonne R Minor at Dirranbandi	5.3m rising slowly	06:00 AM SUN 09/01/11
Narran R at Dirranbandi-Hebel Rd *	5.26m rising slowly	03:00 PM SUN 09/01/11
Ballandool R at Hebel-Bollon Rd *	3.71m rising slowly	12:00 AM MON 10/01/11
Bokhara R at Hebel *	1.9m rising slowly	02:30 AM MON 10/01/11

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 9:16 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of up to 300mm has been recorded in the catchments of the Upper Brisbane and Stanley Rivers during the 24 hours to 9am Monday. Major flood levels continue although levels are currently easing. Further rises are possible and the heavy rainfall is expected to continue today.

UPPER BRISBANE RIVER:

Moderate to major flooding continues in much of the upper Brisbane catchment. Flood levels are now easing although further rainfall is expected today.

STANLEY RIVER:

Major flood levels are easing in the Stanley River at Peachester and Woodford. Further rises and high level major flooding are possible during Monday as rainfall continues.

Next Issue:

The next warning will be issued by 4pm Monday.

Latest River Heights:

Stanley R at Peachester #	7.36m falling	08:16 AM MON 10/01/11
Stanley R at Woodford #	8.28m falling	08:10 AM MON 10/01/11
Kilcoy Ck d/s Mt Kilcoy Weir *	6.36m falling	06:00 AM MON 10/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.92m steady	08:16 AM MON 10/01/11
Stanley R at Somerset Dam HW #	102.84m rising	08:18 AM MON 10/01/11
Cooyar Ck at Cooyar Ck #	6.36m falling	08:18 AM MON 10/01/11
Brisbane R at Linville *	7.54m falling	06:00 AM MON 10/01/11
Brisbane R at Linville #	6.94m falling	08:15 AM MON 10/01/11
Brisbane R at Devon Hills #	8.25m falling	08:19 AM MON 10/01/11
Emu Ck at Boat Mountain *	7.01m falling	07:28 AM MON 10/01/11
Emu Ck at Boat Mountain #	6.62m falling	08:13 AM MON 10/01/11
Maronghi Ck at Glendale *	3.23m falling	07:17 AM MON 10/01/11
Brisbane R at Gregor Ck *	9.6m falling	07:30 AM MON 10/01/11
Brisbane R at Gregor Ck #	11.44m falling	08:17 AM MON 10/01/11
Cressbrook Ck at Rosentreter's Br *	4.3m falling	07:20 AM MON 10/01/11
Cressbrook Ck at Rosentreter's Br #	4.2m falling	08:18 AM MON 10/01/11
Esk Ck at Falls Rd *	4.05m steady	06:00 AM MON 10/01/11
Splityard Creek Dam #	166.1m rising	07:57 AM MON 10/01/11
Brisbane R at Wivenhoe Dam	68.55m falling slowly	09:00 AM SUN 09/01/11



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Brisbane R at Wivenhoe Dam HW #	71.45m falling	08:18 AM MON 10/01/11
Brisbane R at Wivenhoe Dam HW #	71.47m rising	08:17 AM MON 10/01/11
Brisbane R at Wivenhoe Dam TW #	38.67m rising	08:17 AM MON 10/01/11
Brisbane R at Wivenhoe Dam TW #	38.6m falling	08:18 AM MON 10/01/11

*automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER

Issued at 9:19 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

A rainband stretches from Maroochydore to the Beenleigh area and inland to Stanthorpe. Rainfall totals of between 150-250mm and up to 320mm have been recorded in the Sunshine Coast region in the past 24 hours. Rainfall in the past six hours has been between 25-50mm across the Sunshine Coast Rivers and streams and in the lower Brisbane River and tributary creeks.

Further rainfall is expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district.

Minor flood levels are occurring in:

- North Pine River at Youngs Crossing
- Enoggera Creek between Enoggera Dam and Kelvin Grove
- Woogaroo Creek at Opossum
- Oxley Creek at Archerfield
- Upper Logan River at Diekman's Bridge and in the Rathdowney area.

Further rises and flash flooding are likely in the creeks and streams around Brisbane and Ipswich associated with the heaviest rainfall.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.

Next Issue:

The next warning will be issued at about 4:30pm Monday.

Latest River Heights:

nil.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE**

Issued at 10:28 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek and along the Bremer River. Moderate flood levels are likely at Ipswich. Further heavy rainfall is forecast for the catchments of the Brisbane and Bremer Rivers and Warrill and Lockyer Creeks during Monday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday. At the Brisbane City Gauge, river levels of about 2.3 metres are expected with the high tides on Tuesday and Wednesday causing minor flooding.

LOCKYER CREEK:

A major flood peak is currently around Glenore Grove of around 13 metres. Rises to around 14.5 metres are expected at Lyons Bridge later today and around 15 metres at Rifle Range Road. Higher levels are possible as rainfall continues.

BREMER RIVER:

River level rises and moderate flooding continue in the Rosewood area. Further rises are expected downstream during the next 24 hours with moderate flood levels of at least 10 metres expected in the Bremer River at Ipswich early on Tuesday.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Minor flooding is expected at Savages and moderate flooding at Mt Crosby overnight tonight.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.3 metres with the high tides on Tuesday and Wednesday. Further rises are possible as rainfall continues.

Predicted River Heights/Flows:

Ipswich: Reach at least 9.5 metres (moderate) during the early hours of Tuesday.

Moggill: Reach around 8 metres (below minor) on Tuesday morning.

Jindalee: Reach at least 5 metres (below minor) during Tuesday.

Brisbane: Reach about 2.3 metres (minor) with the high tides on Tuesday and



Australian Government
Bureau of Meteorology

Wednesday.

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 3:30pm Monday.

Latest River Heights:

Lockyer Ck at Gatton *	9.49m falling	08:20 AM MON 10/01/11
Laidley Ck at Laidley	3.85m steady	08:55 AM MON 10/01/11
Laidley Ck at Showground Weir *	5.3m falling	08:10 AM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.7m steady	08:00 AM MON 10/01/11
Lockyer Ck at Glenore Grove #	12.86m falling	09:18 AM MON 10/01/11
Lockyer Ck at Lyons Br #	14.07m rising	09:17 AM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	13.4m rising	08:20 AM MON 10/01/11
Brisbane R at Lowood Pump Stn #	13.21m rising	09:13 AM MON 10/01/11
Brisbane R at Savages Crossing #	12.95m rising	09:18 AM MON 10/01/11
Brisbane R at Burtons Br #	9.92m rising	09:11 AM MON 10/01/11
Brisbane R at Kholo Br #	5.19m rising	09:12 AM MON 10/01/11
Brisbane R at Mt Crosby #	13.43m rising	09:16 AM MON 10/01/11
Brisbane R at Colleges Crossing #	11.11m rising	09:20 AM MON 10/01/11
Bremer R at Adams Br *	1.93m rising	08:30 AM MON 10/01/11
Bremer R at Stokes Crossing #	2.3m rising	09:01 AM MON 10/01/11
Bremer R at Spicers Br #	5.02m falling	09:03 AM MON 10/01/11
Western Ck at Rosewood WWTP #	6.38m falling	07:09 AM MON 10/01/11
Bremer R at Rosewood #	5.06m falling	09:08 AM MON 10/01/11
Bremer R at Five Mile Br Walloon #	5.42m rising	08:24 AM MON 10/01/11
Bremer R at Walloon DERM *	6.49m rising	08:00 AM MON 10/01/11
Warrill Ck at Harrisville#	2.65m steady	08:17 AM MON 10/01/11
Warrill Ck at Amberley DNR *	5.34m rising	08:10 AM MON 10/01/11
Bremer R at Ipswich #	5.7m rising	09:08 AM MON 10/01/11
Brisbane R at Moggill #	4.72m rising	09:14 AM MON 10/01/11
Brisbane R at Jindalee Br #	2.8m rising	09:17 AM MON 10/01/11
Brisbane R at City Gauge #	0.65m rising	09:09 AM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 10:53 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfalls have eased in the catchment of Myall Creek during the last 6 hours, although further rain periods will continue today. At 11am, Dalby was 3.4 metres and rising. Dalby is expected to reach about 3.5 metres by midday today, with possible further rises during the afternoon depending on upstream river levels and further rain.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine and Oakey Creek during Monday into Tuesday. Renewed rises and flooding is likely in tributary creeks and at Killarney to Warwick during the next 2 days with the forecast heavy rainfall.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Warra-Kogan Road Bridge to Dirranbandi.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Minor to moderate flooding is generally easing in the Upper Condamine with river levels at Warwick falling below minor flood level. Renewed rises and flooding is likely in tributary creeks and at Killarney to Warwick during the next 2 days with the forecast heavy rainfall.

MYALL CREEK:

Rainfalls have eased in the catchment of Myall Creek during the last 6 hours, although further rain periods will continue today. At 11am, Dalby was 3.4 metres and rising. Dalby is expected to reach about 3.5 metres by midday today, with possible further rises during the afternoon depending on upstream river levels and further rain.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with some renewed rises expected during the next several days. The river levels will however remain metres below the record peaks recorded during the first week of January.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with some renewed rises expected over the next several days. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 9am Monday, the Balonne River at St George was 13.18 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) until mid-week.

High level major flooding is expected to continue in the Balonne River system



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Bureau of Meteorology

downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi area by mid-week and in the Hebel area later this week.

Predicted River Heights/Flows:

Myall Creek at Dalby: Reach 3.5 metres (major flood level) by midday Monday

Balonne River at: St George (manual) Remain above 13 metres during the next few days.

Next Issue:

The next warning will be issued at about 5pm Monday.

(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	4.1m falling	10:38 AM MON 10/01/11
Condamine R at Elbow Valley #	4.78m rising	10:34 AM MON 10/01/11
Condamine R at Murrays Br #	5.95m rising	10:26 AM MON 10/01/11
Condamine R @ Warwick(Scots Col.) *	2.75m steady	09:24 AM MON 10/01/11
Condamine R at Warwick #	4.69m steady	08:34 AM MON 10/01/11
Glengallan Ck near Backwater Ck #	2.15m falling	09:36 AM MON 10/01/11
Condamine R at Tummalville *	6.56m falling	09:00 AM MON 10/01/11
Condamine R at Centenary Br	6.77m falling slowly	09:00 AM MON 10/01/11
North Condamine R at Lone Pine *	3.11m rising	09:00 AM MON 10/01/11
Oakey Ck at Fairview *	5.83m rising	09:30 AM MON 10/01/11
Condamine R at Loudoun Br *	5.94m rising	09:00 AM MON 10/01/11
Myall Ck at Dalby #	3.39m rising	10:26 AM MON 10/01/11
Condamine R at Warra-Kogan Rd Br	10.86m falling	09:00 AM MON 10/01/11
Condamine R at Chinchilla Weir TW *	11.65m rising	08:10 AM MON 10/01/11
Condamine R at Condamine	8.35m steady	08:00 AM MON 10/01/11
Condamine R at Cotswold *	12.73m falling	08:30 AM MON 10/01/11
Balonne R at Warkon	10.99m falling slowly	09:00 AM MON 10/01/11
Yuleba Ck at Yuleba Forestry *	2.24m falling	08:00 AM MON 10/01/11
Balonne R at Surat * (auto)	11.07m falling	08:50 AM MON 10/01/11
Balonne R at Surat (manual)	11.55m falling slowly	06:00 AM MON 10/01/11
Bungil Ck at Roma	2.2m steady	07:00 PM SUN 09/01/11
Balonne R at Weribone *	12.54m falling	08:50 AM MON 10/01/11
Balonne R at Warroo	14.9m falling slowly	06:00 AM MON 10/01/11
Maranoa R at Old Cashmere *	3.57m steady	08:00 AM MON 10/01/11
Balonne R at St George (manual)	13.18m falling	09:00 AM MON 10/01/11
Balonne R at St George * (auto)	12.8m falling	08:50 AM MON 10/01/11
Balonne R at Whyenbah	8.11m steady	09:00 AM MON 10/01/11
Culgoa R at Woolerbilla *	6.42m steady	07:00 AM MON 10/01/11
Balonne R Minor at Dirranbandi	5.3m steady	06:00 AM MON 10/01/11
Narran R at Dirranbandi-Hebel Rd *	5.3m steady	08:00 AM MON 10/01/11
Ballandool R at Hebel-Bollon Rd *	3.74m rising	08:00 AM MON 10/01/11
Bokhara R at Hebel *	1.92m rising	08:00 AM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



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IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 11:00 am on Monday 10 January 2011

Synoptic Situation: At 10am EST, an upper level low was located over the southwest of the Capricornia District. A surface trough was located off the southeast coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract southwards into the Southeast Coast district and southeast parts of the Darling Downs and Granite Belt district during Tuesday.

Recent events: In the 24 hours to 9am EST Monday morning, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Monday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 11:05 am on Monday 10 January 2011

Synoptic Situation: At 10am EST, an upper level low was located over the southwest of the Capricornia District. A surface trough was located off the southeast coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract southwards into the Southeast Coast district and southeast parts of the Darling Downs and Granite Belt district during Tuesday.

Recent events: In the 24 hours to 9am EST Monday morning, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5 pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 4:16 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to renewed rises in the Lockyer Creek catchment. Rainfall is forecast to continue this evening and a return to moderate to major flood levels is expected overnight and during Tuesday. Major flood levels are expected to continue at Lyons Bridge with rises above 15 metres likely during Tuesday.

BREMER RIVER:

Rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley overnight.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.



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(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.
Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 9pm Monday.

Latest River Heights:

Lockyer Ck at Gatton #	10.36m steady	03:04 PM MON 10/01/11
Laidley Ck at Laidley	6m rising	02:45 PM MON 10/01/11
Laidley Ck at Showground Weir #	6.98m rising	03:07 PM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.43m falling	01:00 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	11.36m falling	03:05 PM MON 10/01/11
Lockyer Ck at Lyons Br #	14.79m rising	03:02 PM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	13.4m rising	08:20 AM MON 10/01/11
Brisbane R at Lowood Pump Stn #	14.13m falling	03:07 PM MON 10/01/11
Brisbane R at Savages Crossing #	14.15m rising	03:09 PM MON 10/01/11
Brisbane R at Burtons Br #	10.88m rising	03:05 PM MON 10/01/11
Brisbane R at Kholo Br #	6.23m rising	03:06 PM MON 10/01/11
Brisbane R at Mt Crosby #	14.26m rising	03:07 PM MON 10/01/11
Brisbane R at Colleges Crossing #	11.96m rising	03:09 PM MON 10/01/11
Bremer R at Spresters Br #	5.07m rising	03:09 PM MON 10/01/11
Bremer R at Rosewood #	4.94m rising	03:02 PM MON 10/01/11
Bremer R at Five Mile Br Walloon #	5.12m falling	03:09 PM MON 10/01/11
Warrill Ck at Harrisville #	3.82m rising	03:05 PM MON 10/01/11
Warrill Ck at Amberley DNR *	5.34m rising	08:10 AM MON 10/01/11
Bremer R at Ipswich #	6.6m rising	02:40 PM MON 10/01/11
Brisbane R at Moggill #	5.52m rising	02:59 PM MON 10/01/11
Brisbane R at Jindalee Br #	3.7m rising	02:50 PM MON 10/01/11
Brisbane R at City Gauge #	1.36m falling	03:09 PM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



Australian Government
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IDQ20780

Australian Government Bureau of Meteorology
Queensland

Broadcasters are directed to use the SEWS for this warning.

TOP PRIORITY

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 5:00 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfalls have been recorded in the Toowoomba area and caused extreme flash flooding. This rainfall is also causing extreme rises in the upper Lockyer Creek at Helidon with very fast and dangerous rises possible downstream at Gatton in the next few hours. Rises will extend downstream of Gatton during tonight.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

Further rises and flash flooding are likely in the creeks and streams around Brisbane and Ipswich associated with the heaviest rainfall.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.

Next Issue:

The next warning will be issued at about 8:30pm Monday.

Latest River Heights:

nil.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, far southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 5:05 pm on Monday 10 January 2011

Synoptic Situation: At 4pm EST, an upper level low was located over the west of the Wide Bay and Burnett district. A surface trough was located off the east Queensland coast. The upper low is forecast to move southwest over the southern interior of Queensland while the surface trough remains slow moving.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract southwards and gradually ease in the Southeast Coast district and eastern parts of the Darling Downs and Granite Belt district later on Tuesday.

Rainfall has eased in far southern parts of the Wide Bay and Burnett district and therefore the warning for this district is now CANCELLED.

Recent events: In the 24 hours to 9am EST Monday, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.
In the 7 hours since 9am EST Monday, Redbank Creek received 126mm, Toowoomba Airport 88mm and Mt Castle 80mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 5:22 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of between 50-75mm has been recorded in the Cressbrook Creek catchment with localised totals in excess of 125mm. Major flood levels continue at Gregor Creek and at Rosentretter's Bridge although levels are currently easing. Further rises are possible as heavy rainfall is forecast into Tuesday.

UPPER BRISBANE RIVER:

Moderate to major flooding continues in much of the upper Brisbane catchment. Flood levels are now easing although further rainfall is forecast for the remainder of today and into Tuesday.

STANLEY RIVER:

Minor to moderate flood levels are easing in the Stanley River at Peachester and Woodford. Further rises are possible during the next 24 hours as rainfall continues.

Next Issue:

The next warning will be issued by 9am Tuesday.

Latest River Heights:

Stanley R at Peachester #	7.06m falling	05:07 PM MON 10/01/11
Stanley R at Woodford #	7.38m falling	05:07 PM MON 10/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.55m steady	05:09 PM MON 10/01/11
Stanley R at Somerset Dam HW #	103.34m rising	04:20 PM MON 10/01/11
Cooyar Ck at Cooyar Ck #	4.48m falling	05:09 PM MON 10/01/11
Brisbane R at Linville #	4.94m falling	05:09 PM MON 10/01/11
Brisbane R at Devon Hills #	6.11m falling	05:02 PM MON 10/01/11
Emu Ck at Boat Mountain #	5.84m rising	05:01 PM MON 10/01/11
Maronghi Ck at Glendale *	4.37m rising	04:30 PM MON 10/01/11
Brisbane R at Gregor Ck #	8.62m steady	04:53 PM MON 10/01/11
Cressbrook Ck at Rosentreters Br #	6.66m falling	05:06 PM MON 10/01/11
Esk Ck at Falls Rd *	3.95m falling	10:40 AM MON 10/01/11
Splityard Creek Dam #	162.7m rising	05:06 PM MON 10/01/11
Brisbane R at Wivenhoe Dam HW #	72.83m falling	05:07 PM MON 10/01/11
Brisbane R at Wivenhoe Dam TW #	39.92m rising	05:03 PM MON 10/01/11

*,# from automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



Australian Government
Bureau of Meteorology

IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 5:25 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfalls have eased in the catchment of Myall Creek during Monday although although further rain periods are likely during tonight and Tuesday morning. At 5pm, Myall Creek at Dalby was 3.74 metres and rising slowly at major flood level. A peak is expected at Dalby in the next 3 to 6 hours but renewed rises are still possible overnight Monday but dependent on further heavy rainfall.

Rises have been recorded during Monday in the Upper Condamine with moderate flood levels expected at Warwick overnight Monday.

Very heavy rainfall and flash flooding has been recorded in the Toowoomba area during Monday afternoon. Rises are expected in Gowrie Creek to Oakey during tonight and Tuesday.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine and Oakey Creek during Monday into Tuesday.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Warra-Kogan Road Bridge to Dirranbandi.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Rises and major flooding has developed in the upper Condamine river at Murrays Bridge. Rises to 6 metres (moderate flood level) are expected downstream at Warwick during Monday night.

MYALL CREEK:

Rainfalls have eased in the catchment of Myall Creek during Monday although further rain periods are likely during tonight and Tuesday morning. At 5pm, Myall Creek at Dalby was 3.74 metres and rising at major flood level. This level is about 0.2 metres higher than peak recorded on 27th December 2010.

A peak is expected at Dalby in the next 3 to 6 hours but renewed rises are still possible overnight Monday but dependent on further heavy rainfall.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with some renewed rises expected during the next several days. The river levels will however remain metres below the record peaks recorded during the first week of January.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with some renewed rises expected over the next several days. River levels in the area



between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 3pm Monday, the Balonne River at St George was 13.14 metres and holding at its peak which was reached during Saturday. Major flood levels will remain high (above 13 metres) until mid-week.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek. The peak flow will be in the Dirranbandi during Wednesday and in the Hebel area later this week.

Predicted River Heights/Flows:

Condamine R at Warwick Reach 6 metres (moderate) during Monday night.

Myall Creek at Dalby Major flood peak in the next 3 to 6 hours.
Remain high during Tuesday.

Balonne R at St George (manual) Remain above 13 metres for the next few days.

Next Issue:

The next warning will be issued at about 10pm Monday.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	3.65m falling	05:18 PM MON 10/01/11
Condamine R at Elbow Valley #	5.28m steady	05:08 PM MON 10/01/11
Condamine R at Murrays Br #	7.5m rising	04:32 PM MON 10/01/11
Condamine R @ Warwick(Scots Col.) *	3.43m rising	04:00 PM MON 10/01/11
Condamine R at Warwick	5.2m rising	04:41 PM MON 10/01/11
Glengallan Ck near Backwater Ck #	4.4m rising	05:21 PM MON 10/01/11
Condamine R at Tummalville *	6.53m rising	04:00 PM MON 10/01/11
Condamine R at Centenary Br	6.75m falling slowly	03:00 PM MON 10/01/11
North Condamine R at Lone Pine *	3.19m steady	04:00 PM MON 10/01/11
Oakey Ck at Fairview *	6.39m steady	04:00 PM MON 10/01/11
Condamine R at Loudoun Br *	6.35m rising	04:00 PM MON 10/01/11
Myall Ck at Dalby #	3.74m rising	04:44 PM MON 10/01/11
Condamine R at Warra-Kogan Rd Br	10.6m falling slowly	03:00 PM MON 10/01/11
Condamine R at Chinchilla Weir TW *	11.71m rising	02:20 PM MON 10/01/11
Condamine R at Condamine	8.35m steady	08:00 AM MON 10/01/11
Condamine R at Cotswold *	12.56m falling	02:50 PM MON 10/01/11
Balonne R at Warkon	10.99m falling slowly	09:00 AM MON 10/01/11
Yuleba Ck at Yuleba Forestry *	2.17m steady	02:10 PM MON 10/01/11
Balonne R at Surat * (auto)	11m rising	03:00 PM MON 10/01/11
Balonne R at Surat (manual)	11.55m falling slowly	06:00 AM MON 10/01/11
Bungil Ck at Roma	2.2m steady	07:00 PM SUN 09/01/11
Balonne R at Weribone *	12.47m falling	03:00 PM MON 10/01/11
Balonne R at Warroo	14.9m falling slowly	06:00 AM MON 10/01/11
Maranoa R at Old Cashmere *	3.56m steady	03:00 PM MON 10/01/11
Balonne R at St George (manual)	13.14m falling	03:00 PM MON 10/01/11



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Balonne R at St George * (auto)	12.77m rising	02:30 PM MON 10/01/11
Balonne R at Whyenbah	8.11m steady	09:00 AM MON 10/01/11
Culgoa R at Woolerbilla *	6.43m steady	01:00 PM MON 10/01/11
Balonne R Minor at Dirranbandi	5.3m steady	06:00 AM MON 10/01/11
Narran R at Dirranbandi-Hebel Rd *	5.31m steady	03:00 PM MON 10/01/11
Ballandool R at Hebel-Bollon Rd *	3.76m steady	01:10 PM MON 10/01/11
Bokhara R at Hebel *	1.97m rising	01:40 PM MON 10/01/11

*,# automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 6:12 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

LOCKYER CREEK: Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Laidley Creek at Mulgowie. These will extend to Gatton and areas downstream during the evening and overnight. Severe record major flooding is expected in areas downstream of Gatton overnight and during Tuesday.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Laidley Creek at Mulgowie. These will extend to Gatton and areas downstream during the evening and overnight. High level record major flooding is expected in areas downstream of Gatton overnight and during Tuesday.

BREMER RIVER:

Rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley



overnight.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.

Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 9pm Monday.

Latest River Heights:

Lockyer Ck at Helidon *	12.66m rising	02:50 PM MON 10/01/11
Lockyer Ck at Helidon #	12.68m steady	03:02 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	3.27m falling	08:20 AM MON 10/01/11
Sandy Creek at Sandy Creek Road #	3.8m falling	05:22 PM MON 10/01/11
Ma Ma Ck at Harm's *	2.28m falling	08:10 AM MON 10/01/11
Tenthill Ck at Tenthill *	4.53m rising	04:10 PM MON 10/01/11
Lockyer Ck at Gatton *	9.07m rising	05:30 PM MON 10/01/11
Lockyer Ck at Gatton #	13.22m rising	05:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	7.88m rising	04:00 PM MON 10/01/11
Laidley Ck at Laidley	6m rising	02:45 PM MON 10/01/11
Laidley Ck at Showground Weir *	8.95m rising	05:30 PM MON 10/01/11
Laidley Ck at Showground Weir #	9m rising	05:31 PM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.28m falling	03:00 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	10.78m falling	05:24 PM MON 10/01/11
Lockyer Ck at Lyons Br #	14.93m rising	05:05 PM MON 10/01/11



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Lockyer Ck at Rifle Range Rd * 14.85m rising 05:30 PM MON 10/01/11
Lockyer Ck at O'Reilly's Weir # 16.38m rising 05:29 PM MON 10/01/11
Brisbane R at Lowood Pump Stn # 14.53m falling 05:28 PM MON 10/01/11
Brisbane R at Savages Crossing # 14.37m rising 05:29 PM MON 10/01/11
Brisbane R at Burtons Br # 11.08m rising 05:23 PM MON 10/01/11
Brisbane R at Kholo Br # 6.63m rising 05:28 PM MON 10/01/11
Brisbane R at Mt Crosby # 14.64m rising 05:31 PM MON 10/01/11
Brisbane R at Mt Crosby # 14.08m falling 04:39 PM MON 10/01/11
Brisbane R at Colleges Crossing # 12.41m rising 05:33 PM MON 10/01/11
Bremer R at Stokes Crossing # 4.6m falling 05:20 PM MON 10/01/11
Warrill Ck at Churchbank Weir * 2.35m rising 05:30 PM MON 10/01/11
Warrill Ck at Greens Rd Amberley # 5.6m rising 05:26 PM MON 10/01/11
Bremer R at One Mile Br # 11.8m steady 05:03 PM MON 10/01/11
Bremer R at Hancocks Br Brassall # 9.28m rising 04:33 PM MON 10/01/11
Bremer R at Ipswich # 6.85m steady 05:27 PM MON 10/01/11
Brisbane R at Moggill # 5.87m rising 05:18 PM MON 10/01/11
Brisbane R at Jindalee Br # 3.75m steady 04:07 PM MON 10/01/11
Brisbane R at City Gauge # 0.81m falling 05:21 PM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt and eastern parts of the Maranoa and Warrego districts.

Issued at 6:30 pm on Monday 10 January 2011

Synoptic Situation: At 6pm EST, an upper level low was located over the west of the Wide Bay and Burnett district. A surface trough was located off the east Queensland coast. The upper low is forecast to move southwest over the southern interior of Queensland while the surface trough remains slow moving.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt and eastern parts of the Maranoa and Warrego districts this evening. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract into the Southeast Coast and eastern parts of the Darling Downs and Granite Belt districts during Tuesday. These conditions should gradually ease later in the day.

Recent events: In the 24 hours to 9am EST Monday, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.
In the 7 hours since 9am EST Monday, Redbank Creek received 126mm, Toowoomba Airport 88mm and Mt Castle 80mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



Australian Government
Bureau of Meteorology

IDQ20780

Australian Government Bureau of Meteorology
Queensland

Broadcasters in the Lockyer Valley area are directed to use the SEWS for this warning.

TOP PRIORITY

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 8:37 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfalls have been recorded in the Toowoomba, Crows Nest and Gatton area and have caused extreme rises in the upper Lockyer Creek between Helidon and Gatton with the peak currently arriving in the Glenore Grove area.

Record flood levels of 18.92 metres were recorded at Gatton this evening before the station failed. This level is well above the previous record peak of 16.33 metres from the February 1893 flood.

Very fast and dangerous rises are occurring downstream of Gatton to Glenore Grove and will extend downstream to Lyons Bridge and O'Reilly Weir during Monday night and Tuesday morning.

Contact the SES on 132 500 for emergency assistance if required.

Next Issue:

The next warning will be issued at about midnight Monday.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts.

Issued at 7:50 pm on Monday 10 January 2011

Synoptic Situation: At 7pm EST, an upper level low was located over the west of the Wide Bay and Burnett district. A surface trough was located off the east Queensland coast. The upper low is forecast to move southwest over the southern interior of Queensland while the surface trough remains slow moving.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts this evening and overnight. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract into the Southeast Coast and eastern parts of the Darling Downs and Granite Belt districts during Tuesday. These conditions should gradually ease later in the day.

Recent events: In the 24 hours to 9am EST Monday, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.
In the 7 hours since 9am EST Monday, Redbank Creek received 126mm, Toowoomba Airport 88mm and Mt Castle 80mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 9:44 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

LOCKYER CREEK: Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Gatton and Laidley Creek at Mulgowie. Lockyer Creek at Gatton reached 19 metres, which is more than 2.5 metres above the previous record.

Rapid stream rises are occurring at Glenore Grove, and the river has reached 14.42 metres at 9pm. A peak in the next few hours is expected, with flood levels in excess of 15 metres possible.

Stream rises in the Lockyer Creek downstream are expected overnight, with the main flood waters reaching Lyons Bridge overnight.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Gatton and Laidley Creek at Mulgowie. These will extend to Lyons Bridge in the next few hours and areas downstream later Monday and early Tuesday. High level major flooding is expected in areas downstream of Gatton overnight and during Tuesday.

BREMER RIVER:

Rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.



The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley overnight.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.
Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about midnight Monday.

Latest River Heights:

Lockyer Ck at Helidon *	12.66m rising	02:50 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.28m falling	08:40 PM MON 10/01/11
Sandy Creek at Sandy Creek Road #	2.85m falling	08:49 PM MON 10/01/11
Ma Ma Ck at Harm's *	2.28m falling	08:10 AM MON 10/01/11
Tenthill Ck at Tenthill *	4.52m falling	08:40 PM MON 10/01/11
Lockyer Ck at Gatton *	18.92m rising	18:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	6.68m falling	07:30 PM MON 10/01/11
Laidley Ck at Laidley	8.6m rising slowly	06:00 PM MON 10/01/11
Laidley Ck at Showground Weir #	9.22m rising	08:58 PM MON 10/01/11



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Laidley Ck at Warrego Hwy *	5.38m rising	08:00 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	14.42m rising	08:58 PM MON 10/01/11
Lockyer Ck at Lyons Br #	15.07m rising	08:56 PM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	14.99m rising	08:40 PM MON 10/01/11
Lockyer Ck at O'Reilly's Weir #	17.14m rising	08:55 PM MON 10/01/11
Brisbane R at Lowood Pump Stn #	15.17m falling	08:58 PM MON 10/01/11
Brisbane R at Savages Crossing *	14.76m falling	08:40 PM MON 10/01/11
Brisbane R at Savages Crossing #	14.87m steady	08:53 PM MON 10/01/11
Brisbane R at Burtons Br #	11.44m rising	08:47 PM MON 10/01/11
Brisbane R at Kholo Br #	7.09m rising	08:47 PM MON 10/01/11
Brisbane R at Mt Crosby #	15.05m rising	08:57 PM MON 10/01/11
Brisbane R at Colleges Crossing #	12.91m rising	09:00 PM MON 10/01/11
Warrill Ck at Greens Rd Amberley #	5.92m falling	08:56 PM MON 10/01/11
Bremer R at One Mile Br #	12.2m rising	08:59 PM MON 10/01/11
Bremer R at Hancocks Br Brassall #	9.58m rising	08:27 PM MON 10/01/11
Bremer R at Ipswich #	7.2m rising	08:56 PM MON 10/01/11
Brisbane R at Moggill #	6.12m rising	08:53 PM MON 10/01/11
Brisbane R at Jindalee Br #	3.75m steady	07:07 PM MON 10/01/11
Brisbane R at City Gauge *	0.41m steady	08:40 PM MON 10/01/11

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 10:32 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Major flood levels have steadied in Myall Creek at Dalby and a moderate flood peak is expected in the upper Condamine River at Warwick by midnight Monday. Fast rises and major flooding is developing in Hodgson and Dalrymple Creeks and is expected in the Condamine River downstream of Warwick to Tummaville during Tuesday and Wednesday.

Heavy rainfall of up to 200 millimetres has been recorded in the catchment of Charleys Creek just upstream of the Chinchilla area and fast rises to major flood levels are expected at Chinchilla during Tuesday.

Very heavy rainfall and flash flooding has been recorded in the Toowoomba area during Monday afternoon and rises are occurring in Gowrie Creek.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine, Myall Creek and Charleys Creek during Monday night and into Tuesday.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Loudoun Bridge to Dirranbandi.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Major flooding is easing in the upper Condamine River at Murrays Bridge. A moderate flood peak is expected in the upper Condamine River at Warwick by midnight Monday. Fast rises are occurring in the tributary streams downstream of Warwick with renewed rises and major flooding expected downstream to Tummaville during the next few days. These rises will extend downstream to Loudoun Bridge by the end of this week.

MYALL CREEK:

River levels have steadied at around 3.74 metres in Myall Creek at Dalby. This level is about 0.2 metres higher than peak recorded on 27th December 2010. Further heavy rainfall and renewed rises are possible at Dalby during tonight and Tuesday.

CHARLEYS CREEK:

Very heavy rainfall of up to 200 millimetres has been reported in the catchment of Charleys Creek in the area near Chinchilla. Fast rises will continue during tonight at Chinchilla with levels expected to reach 7 metres (major) during Tuesday morning and possibly above 7.5 metres later Tuesday.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:



Major flooding continues with renewed rises expected during the next several days. Flood levels could reach the high levels of late December 2010 at Condamine but it is too early to make peak predictions.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with renewed rises expected over the next several days. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 9pm Monday, the Balonne River at St George was 13.12 metres and falling slowly. Major flood levels will remain high (above 13 metres) until mid-week.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek.

The peak flow will be in the Dirranbandi during Wednesday and in the Hebel area later this week.

Predicted River Heights/Flows:

Condamine R at Warwick Peak up 6.5 metres (moderate) by midnight Monday.

Charleys Creek at Chinchilla Reach 7 metres (major) during Tuesday morning
Possibly reach 7.5 metres Tuesday afternoon

Myall Creek at Dalby Further rises and high level major flooding possible
if heavy rainfall returns to the catchment.

Balonne R at St George (manual) Remain above 13 metres for the next few days.

Next Issue:

The next warning will be issued at about 7am Monday or earlier if required.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	2.75m falling	09:37 PM MON 10/01/11
Condamine R at Elbow Valley #	5.43m rising	09:15 PM MON 10/01/11
Condamine R at Murrays Br #	7.45m falling	09:39 PM MON 10/01/11
Condamine R @ Warwick(Scots Col.) *	4.62m rising	08:20 PM MON 10/01/11
Condamine R at Warwick #	6.2m rising	04:41 PM MON 10/01/11
Glengallan Ck near Backwater Ck #	4.55m falling	09:06 PM MON 10/01/11
Condamine R at Tummaville *	7.1m rising	08:00 PM MON 10/01/11
Condamine R at Centenary Br	6.72m falling slowly	06:00 PM MON 10/01/11
North Condamine R at Lone Pine *	3.12m falling	09:00 PM MON 10/01/11
Oakey Ck at Fairview *	6.39m steady	08:00 PM MON 10/01/11
Condamine R at Loudoun Br *	6.45m rising	08:00 PM MON 10/01/11
Myall Ck at Dalby #	3.69m steady	09:03 PM MON 10/01/11
Condamine R at Warra-Kogan Rd Br	10.58m falling slowly	06:00 PM MON 10/01/11
Condamine R at Chinchilla Weir TW *	11.96m rising	08:30 PM MON 10/01/11
Charleys Ck at Chinchilla	4.93m rising	09:10 PM MON 10/01/11



Australian Government
Bureau of Meteorology

Condamine R at Condamine	9.55m rising fast	08:30 PM MON 10/01/11
Condamine R at Cotswold *	12.59m rising	08:00 PM MON 10/01/11
Balonne R at Warkon	10.99m falling slowly	09:00 AM MON 10/01/11
Yuleba Ck at Yuleba Forestry *	2.17m rising	08:10 PM MON 10/01/11
Balonne R at Surat * (auto)	10.92m rising	08:50 PM MON 10/01/11
Balonne R at Surat (manual)	11.55m falling slowly	06:00 AM MON 10/01/11
Balonne R at Weribone *	12.41m falling	08:50 PM MON 10/01/11
Balonne R at Warroo	14.9m falling slowly	06:00 AM MON 10/01/11
Maranoa R at Old Cashmere *	3.57m steady	08:00 PM MON 10/01/11
Balonne R at St George (manual)	13.12m falling slowly	09:00 PM MON 10/01/11
Balonne R at St George * (auto)	12.74m falling	08:20 PM MON 10/01/11
Balonne R at Whyenbah	8.11m steady	09:00 AM MON 10/01/11
Culgoa R at Woolerbilla *	6.47m rising	07:30 PM MON 10/01/11
Balonne R Minor at Dirranbandi	5.3m steady	06:00 AM MON 10/01/11
Narran R at Dirranbandi-Hebel Rd *	5.31m steady	03:00 PM MON 10/01/11
Ballandool R at Hebel-Bollon Rd *	3.8m steady	08:00 PM MON 10/01/11
Bokhara R at Hebel *	2.03m rising	08:30 PM MON 10/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts.

Issued at 11:00 pm on Monday 10 January 2011

Synoptic Situation: At 10pm EST, an upper level low was located over the far southeast of the Central Highlands and Coalfields district. The upper low is forecast to move southwest over the southern interior of Queensland while weakening during Tuesday.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts tonight. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract into the Southeast Coast and eastern parts of the Darling Downs and Granite Belt districts during Tuesday. These conditions should gradually ease later in the day.

Recent events: In the 1 hour to 11pm EST Monday, Monsildale and Mt Stanley [situated in northern parts of the Southeast Coast district] both received 58mm. In the 13 hours since 9am EST Monday, Redbank Creek received 132mm, Ballon 124mm and Mt Castle 103mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 12:06 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now at Glenore Grove, with strong stream rises expected overnight and early Tuesday morning in the Lockyer Creek downstream of Glenore Grove.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton this evening before the station failed. This level is well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently around Glenore Grove, with strong stream rises at Lyons Bridge expected in the next few hours. The Lockyer Creek at Glenore Grove has reached 14.60 metres at 11:30pm. A peak in the next few hours is expected, with flood levels in excess of 15 metres possible.

Renewed stream rises have commenced at the Lockyer River at Lyons Bridge with a peak between 16 and 16.5 metres expected early Tuesday morning.

BREMER RIVER:

The rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels between 5 and 6 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.



WARRILL CREEK

The rainfall during Monday has lead to increases in Warrill Creek with Amberley currently peaking around 6 metres.

MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 4am Tuesday.

Latest River Heights:

Lockyer Ck at Helidon #	12.68m steady	03:02 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.28m falling	08:40 PM MON 10/01/11
Sandy Creek at Sandy Creek Road #	2.45m rising	11:01 PM MON 10/01/11
Ma Ma Ck at Harm's *	2.28m falling	08:10 AM MON 10/01/11
Tenthill Ck at Tenthill *	4.07m falling	10:30 PM MON 10/01/11
Lockyer Ck at Gatton *	18.92m rising	6:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	5.63m falling	10:10 PM MON 10/01/11
Laidley Ck at Laidley	8.7m falling slowly	10:00 PM MON 10/01/11
Laidley Ck at Showground Weir #	8.56m falling	11:16 PM MON 10/01/11
Bill Gunn Dam #	110.1m steady	11:14 PM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.8m rising	09:50 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	14.6m rising	11:12 PM MON 10/01/11
Lockyer Ck at Lyons Br #	15.17m rising	10:38 PM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	14.99m rising	08:40 PM MON 10/01/11
Lockyer Ck at O'Reilly's Weir #	17.5m rising	11:16 PM MON 10/01/11
Brisbane R at Lowood Pump Stn #	15.45m rising	11:10 PM MON 10/01/11



Australian Government
Bureau of Meteorology

Brisbane R at Savages Crossing #	15.25m falling	11:17 PM MON 10/01/11
Brisbane R at Burtons Br #	11.8m rising	11:14 PM MON 10/01/11
Brisbane R at Kholo Br #	7.41m rising	11:15 PM MON 10/01/11
Brisbane R at Mt Crosby #	15.31m rising	11:15 PM MON 10/01/11
Brisbane R at Colleges Crossing #	13.21m rising	11:18 PM MON 10/01/11
Warrill Ck at Greens Rd Amberley #	5.94m rising	11:08 PM MON 10/01/11
Bremer R at One Mile Br #	12.75m rising	11:08 PM MON 10/01/11
Bremer R at Hancocks Br Brassall #	10.13m rising	11:17 PM MON 10/01/11
Bremer R at Ipswich #	7.6m rising	11:17 PM MON 10/01/11
Brisbane R at Moggill #	6.42m rising	11:14 PM MON 10/01/11
Brisbane R at Jindalee Br #	3.9m rising	10:59 PM MON 10/01/11
Brisbane R at City Gauge #	1.05m rising	11:09 PM MON 10/01/11

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



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IDQ20780

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 12:19 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton this evening before the station failed. This level is well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently around Glenore Grove, with strong stream rises at Lyons Bridge expected in the next few hours. The Lockyer Creek at Glenore Grove has reached 14.60 metres at 11:30pm. A peak in the next few hours is expected, with flood levels in excess of 15 metres possible.

Renewed stream rises have commenced at the Lockyer River at Lyons Bridge with a peak between 16 and 16.5 metres expected early Tuesday morning.

Contact the SES on 132 500 for emergency assistance if required.

Next Issue:

The next warning will be issued at about 4am Tuesday.

Latest River Heights:

nil.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 4:06 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.



MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 8am Tuesday.

Latest River Heights:

Lockyer Ck at Helidon #	12.68m steady	03:02 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	3.49m falling	02:10 AM TUE 11/01/11
Sandy Creek at Sandy Creek Road #	2.15m falling	03:19 AM TUE 11/01/11
Ma Ma Ck at Harm's *	3.26m rising	02:30 AM TUE 11/01/11
Tenthill Ck at Tenthill *	5.57m rising	02:40 AM TUE 11/01/11
Lockyer Ck at Gatton #	18.92m rising	06:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	6.39m rising	02:20 AM TUE 11/01/11
Laidley Ck at Laidley	8.7m falling slowly	10:00 PM MON 10/01/11
Laidley Ck at Showground Weir #	7.84m rising	03:25 AM TUE 11/01/11
Laidley Ck at Warrego Hwy *	6.41m rising	02:00 AM TUE 11/01/11
Lockyer Ck at Glenore Grove #	13.8m falling	03:24 AM TUE 11/01/11
Lockyer Ck at Lyons Br #	15.55m rising	03:23 AM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	15.39m rising	02:40 AM TUE 11/01/11
Lockyer Ck at O'Reilly's Weir #	18m falling	03:28 AM TUE 11/01/11
Brisbane R at Lowood Pump Stn #	15.93m falling	03:31 AM TUE 11/01/11
Brisbane R at Savages Crossing #	15.89m rising	03:29 AM TUE 11/01/11
Brisbane R at Burtons Br #	12.22m rising	03:29 AM TUE 11/01/11
Brisbane R at Kholo Br #	7.99m rising	03:29 AM TUE 11/01/11
Brisbane R at Mt Crosby #	15.82m steady	03:30 AM TUE 11/01/11
Brisbane R at Mt Crosby #	14.08m falling	04:39 PM MON 10/01/11
Brisbane R at Colleges Crossing #	13.91m rising	03:32 AM TUE 11/01/11



Australian Government
Bureau of Meteorology

Bremer R at Rosewood#	5.56m falling	03:11 AM TUE 11/01/11
Bremer R at Five Mile Br Walloon #	6.4m rising	03:15 AM TUE 11/01/11
Warrill Ck at Greens Rd Amberley #	5.84m falling	03:29 AM TUE 11/01/11
Bremer R at One Mile Br #	13.75m rising	03:31 AM TUE 11/01/11
Bremer R at Hancocks Br Brassall #	11.33m rising	03:22 AM TUE 11/01/11
Bremer R at Ipswich #	8.55m rising	03:31 AM TUE 11/01/11
Brisbane R at Moggill #	7.07m rising	03:29 AM TUE 11/01/11
Brisbane R at Jindalee Br #	4.5m rising	03:29 AM TUE 11/01/11
Brisbane R at City Gauge #	1.4m falling	03:15 AM TUE 11/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 4:10 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

Contact the SES on 132 500 for emergency assistance if required.

Next Issue:

The next warning will be issued at about noon Tuesday.

Latest River Heights:

nil.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts.

Issued at 5:05 am on Tuesday 11 January 2011

Synoptic Situation: At 4am EST, an upper level low was located over the Darling Downs and Granite Belt district. The upper low is forecast to move southwest over the southern interior of Queensland while weakening during the day.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts today. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract to the south by late today, before gradually easing.

Recent events: Rainfall since 9am Monday Monsildale 160mm, Mt Stanley 135mm, and Redbank Creek 134mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 6:55 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

A return to flood levels of around 3.7 metres is expected at Dalby later today. Moderate flooding is rising at Warwick. Fast rises and major flooding are developing in Hodgson and Dalrymple Creeks and are expected in the Condamine River downstream of Warwick to Tummaville during Tuesday and Wednesday.

Heavy rainfall of up to 200 millimetres has been recorded in the catchment of Charleys Creek just upstream of the Chinchilla area and fast rises to major flood levels are expected at Chinchilla during Tuesday.

Very heavy rainfall and flash flooding has been recorded in the Toowoomba area during Monday afternoon and rises continue in Gowrie Creek.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine, Myall Creek and Charleys Creek during Tuesday.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Loudoun Bridge to Dirranbandi.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Major flooding is rising again in the upper Condamine River at Murrays Bridge. Moderate flood levels will continue in the upper Condamine River at Warwick. It is not possible to forecast a peak at this stage with continued rainfall.

Further heavy rainfall is occurring this morning and renewed fast rises are likely in the tributary streams downstream of Warwick with renewed rises and major flooding expected downstream to Tummaville during the next few days. These rises will extend downstream to Loudoun Bridge by the end of this week.

MYALL CREEK:

River levels have fallen slightly and are currently around 3.5 metres at 6am at Dalby. Levels are likely to fall slightly during today but further rises are forecast with levels returning to about 3.7 metres today.

CHARLEYS CREEK:

Very heavy rainfall of up to 200 millimetres was reported in the catchment yesterday. Fast rises will continue during today at Chinchilla with levels expected to reach 7 metres (major) during Tuesday and possibly above 7.5 metres.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with renewed rises expected during the next several days. Flood levels could reach the high levels of late December 2010 at



Condamine but it is too early to make peak predictions.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with renewed rises expected over the next several days. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 6am Tuesday, the Balonne River at St George was 13.1 metres and falling slowly. Major flood levels will remain high (above 13 metres) until Wednesday.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek.

The peak flow will be in the Dirranbandi during Wednesday and in the Hebel area later this week.

Predicted River Heights/Flows:

Condamine R at Warwick Peak up 6.5 metres (moderate) during Tuesday. Further rises are possible as rainfall continues.

Charleys Creek at Chinchilla Reach 7 metres (major) during Tuesday morning
Possibly reach 7.5 metres Tuesday afternoon

Myall Creek at Dalby Fall this morning before rising again with a peak expected overnight to around 3.7 metres again.

Balonne R at St George (manual) Remain above 13 metres for the next few days.

Next Issue:

The next warning will be issued at about 2pm Tuesday or earlier if required.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	4.5m rising	06:10 AM TUE 11/01/11
Condamine R at Elbow Valley #	5.53m rising	05:31 AM TUE 11/01/11
Condamine R at Murrays Br #	7.5m rising	05:45 AM TUE 11/01/11
Condamine R @ Warwick(Scots Col.) *	5.18m steady	05:08 AM TUE 11/01/11
Glengallan Ck near Backwater Ck #	4.5m falling	06:05 AM TUE 11/01/11
Condamine R at Tumnaville *	9.77m rising	05:00 AM TUE 11/01/11
Condamine R at Centenary Br	6.8m rising	05:00 AM TUE 11/01/11
North Condamine R at Lone Pine *	3.76m rising	05:00 AM TUE 11/01/11
Oakey Ck at Fairview *	6.39m steady	05:00 AM TUE 11/01/11
Condamine R at Loudoun Br *	6.65m rising	05:00 AM TUE 11/01/11
Myall Ck at Dalby #	3.49m falling	06:08 AM TUE 11/01/11
Condamine R at Warra-Kogan Rd Br	10.58m falling slowly	06:00 PM MON 10/01/11
Condamine R at Chinchilla Weir TW *	12.18m rising	05:20 AM TUE 11/01/11
Charleys Ck at Chinchilla	6.24m rising slowly	06:00 AM TUE 11/01/11
Condamine R at Condamine	9.95m rising	12:00 AM TUE 11/01/11
Condamine R at Cotswold *	12.74m steady	05:30 AM TUE 11/01/11



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Yuleba Ck at Yuleba Forestry *	2.46m rising	05:30 AM TUE 11/01/11
Balonne R at Surat * (auto)	10.83m falling	05:30 AM TUE 11/01/11
Balonne R at Weribone *	12.34m steady	05:00 AM TUE 11/01/11
Maranoa R at Old Cashmere *	3.52m steady	05:20 AM TUE 11/01/11
Balonne R at St George (manual)	13.08m falling slowly	06:00 AM TUE 11/01/11
Balonne R at St George * (auto)	12.69m falling	05:20 AM TUE 11/01/11
Balonne R at Whyenbah	8.11m steady	09:00 AM MON 10/01/11
Culgoa R at Woolerbilla *	6.48m steady	04:00 AM TUE 11/01/11
Narran R at Dirranbandi-Hebel Rd *	5.31m steady	03:00 PM MON 10/01/11
Ballandool R at Hebel-Bollon Rd *	3.84m rising	11:40 PM MON 10/01/11
Bokhara R at Hebel *	2.1m steady	05:30 AM TUE 11/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 6:56 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Further widespread rainfall totals of between 30-60mm has been recorded in the last 6 hours to 6am Tuesday across the upper Brisbane River catchment. Renewed rises and major flooding continues at Cooyar, Gregor and Cressbrook Creeks and along the upper Brisbane River at Linville at Devon Hills.

UPPER BRISBANE RIVER:

Further rises and major flooding continues in much of the upper Brisbane catchment during Tuesday morning. Further rainfall is forecast for the remainder of today.

STANLEY RIVER:

Renewed rises are occurring with the heavy rainfall in the Stanley River causing minor to moderate flooding at Peachester and Woodford. Rises are also occurring in Kilcoy Creek.

Weather Forecast:

Rain periods with possible thunder. Rain gradually easing later in the day.

Next Issue:

The next warning will be issued by 1pm Tuesday.

Latest River Heights:

Stanley R at Peachester #	5.52m falling	06:22 AM TUE 11/01/11
Stanley R at Woodford #	6.42m rising	06:32 AM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	4.82m steady	06:32 AM TUE 11/01/11
Stanley R at Somerset Dam HW #	103.26m rising	06:29 AM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	8.92m falling	06:33 AM TUE 11/01/11
Brisbane R at Linville #	9.42m falling	06:33 AM TUE 11/01/11
Brisbane R at Devon Hills #	10.81m rising	06:03 AM TUE 11/01/11
Emu Ck at Boat Mountain #	7.66m rising	06:07 AM TUE 11/01/11
Maronghi Ck at Glendale *	2.81m steady	05:00 AM TUE 11/01/11
Brisbane R at Gregor Ck #	11.08m rising	06:32 AM TUE 11/01/11
Cressbrook Ck at Rosentreter's Br #	5.68m rising	06:12 AM TUE 11/01/11
Esk Ck at Falls Rd *	3.71m rising	05:40 AM TUE 11/01/11
Splityard Creek Dam #	162.7m rising	05:54 AM TUE 11/01/11
Brisbane R at Wivenhoe Dam HW #	73.59m rising	06:30 AM TUE 11/01/11
Brisbane R at Wivenhoe Dam TW #	41.9m falling	06:29 AM TUE 11/01/11

*,# denotes automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20780

Australian Government Bureau of Meteorology
Queensland

FINAL FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 7:27 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Moderate to major flooding continues along Lockyer Creek during Tuesday morning, where the main flood waters are currently arriving at Lyons Bridge.

A flood warning is current for the Lockyer, Bremer, Warrill and Brisbane River below Wivenhoe including Brisbane City.

A Severe Weather Warning for heavy rainfall and localised flash flooding is also current.

Weather Forecast:

Rain periods with possible thunder. Rain gradually easing later in the day.

Next Issue:

This is the final warning. River Height Bulletins will continue to be issued.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



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IDQ20032
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Queensland

Transmitters in the areas of the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 8:00 am on Tuesday 11 January 2011

Synoptic Situation: At 8am AEST, an upper level low was located over the Darling Downs and Granite Belt district and is forecast to move to the southwest and slowly weaken.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast and Darling Downs and Granite Belt today. Heavy falls will lead to localised flash flooding and will worsen existing river flooding.

Currently, an intense slow moving band of rainfall extends from about Maroochydore to Warwick. Rainfall rates in this band are reaching 80 to 100 mm per hour.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The Severe Weather Warning for the southern parts of Wide Bay and Burnett and eastern Maranoa and Warrego and northwestern parts of Darling Downs and Granite Belt districts has been cancelled. However showers and thunderstorms will persist through the area and may produce heavy rainfall in these parts.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 9:28 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Continuing heavy rainfall in the Lockyer Creek catchment is causing very fast rises along Tenthill Creek.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises during Tuesday and levels of above 17 metres are forecast.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and moderate flood levels of 2.6 metres with the overnight high tide. Further rises to 3.5 metres (major) is expected with the high tide on Wednesday afternoon with higher levels likely on Thursday.

LOCKYER CREEK:

Very heavy rainfall is continuing in the Lockyer Creek catchment and further very fast rises are being observed along Tenthill Creek this morning. Renewed rises are likely in the lower catchment during Tuesday prolonging major flooding. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood. Renewed rises are likely at Glenore Grove today with a return to above 14 metres.

The main flood peak from Monday is currently approaching Lyons Bridge, with strong stream rises expected in the next few hours. A peak is expected above 17 metres at Lyons Bridge later today.

BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday but renewed rises are expected as rainfall continues.

The Bremer River at Ipswich is expected to reach about 16 metres during Wednesday. Higher levels are expected.

WARRILL CREEK



Further rises are likely today as rainfall continues.

MIDDLE AND LOWER BRISBANE:

Moderate flooding will continue to rise at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and moderate flood levels of 2.6 metres with the overnight high tide. Higher flood levels to 3.5 metres (major) are expected with the high tide on Wednesday afternoon. Levels above 3.5 metres are expected on Thursday.

(3.5 metres at the Brisbane City gauge is about 2.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach at least 16 metres (major) during Wednesday; further rises.

Moggill: Reach at least 15 metres (moderate) during Wednesday; further rises.

Jindalee: Reach at least 9 metres (moderate) late Wednesday; further rises.

Brisbane City: Reach about 2.6 metres (moderate) with the overnight high tide tonight. Reach 3.5 metres (major) with the high tides on Wednesday. Higher levels are expected on Thursday with the high tides.

(3.5 metres at the Brisbane City gauge is about 2 metres higher than the highest tide of the year at this location).

Further rises are expected at all four locations with continued rainfall.

Next Issue:

The next warning will be issued at about 3:30pm Tuesday.

Latest River Heights:

Flagstone Ck at Brown-Zirbels Rd *	3.53m rising	05:40 AM TUE 11/01/11
Sandy Creek at Sandy Creek Road #	2.9m rising	06:56 AM TUE 11/01/11
Ma Ma Ck at Harm's *	2.96m rising	05:40 AM TUE 11/01/11
Tenthill Ck at Tenthill *	5.57m rising	05:46 AM TUE 11/01/11
Laidley Ck at Mulgowie *	6.83m rising	05:00 AM TUE 11/01/11
Laidley Ck at Laidley	8.7m falling slowly	10:00 PM MON 10/01/11
Laidley Ck at Showground Weir *	8.74m rising	05:40 AM TUE 11/01/11
Laidley Ck at Warrego Hwy *	6.28m rising	05:00 AM TUE 11/01/11
Lockyer Ck at Glenore Grove #	13.48m rising	06:52 AM TUE 11/01/11
Lockyer Ck at Lyons Br #	16.09m rising	06:56 AM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	15.78m rising	05:40 AM TUE 11/01/11
Brisbane R at Lowood Pump Stn #	16.21m rising	06:55 AM TUE 11/01/11
Brisbane R at Savages Crossing #	16.17m rising	06:53 AM TUE 11/01/11
Brisbane R at Burtons Br #	12.92m rising	06:50 AM TUE 11/01/11
Brisbane R at Mt Crosby #	16.23m rising	06:36 AM TUE 11/01/11



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Brisbane R at Colleges Crossing #	14.51m rising	06:57 AM TUE 11/01/11
Bremer R at Rosewood #	5.32m rising	06:41 AM TUE 11/01/11
Warrill Ck at Amberley DNR *	6.78m rising	05:20 AM TUE 11/01/11
Bremer R at Ipswich #	9.25m rising	06:50 AM TUE 11/01/11
Brisbane R at Moggill #	7.62m rising	06:45 AM TUE 11/01/11
Brisbane R at Jindalee Br #	4.75m rising	06:26 AM TUE 11/01/11
Brisbane R at City Gauge #	0.95m falling	06:30 AM TUE 11/01/11

*automatic station

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public and satellite phones.



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Queensland

Transmitters in the areas of the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 11:00 am on Tuesday 11 January 2011

Synoptic Situation: At 10am AEST, an upper level low was located over the southern Queensland interior and is forecast to move to the southwest and continue weakening. A surface trough lying over the Southeast Queensland Coast is expected to weaken overnight.

Heavy rain areas and local thunderstorms are expected to continue through the Southeast Coast and Darling Downs and Granite Belt today. Heavy falls will lead to flash flooding and will worsen existing river flooding.

Currently, an intense band of rainfall extends from about Tewantin to Warwick. Recent rainfall rates in this band have reached 80 to 100 mm per hour, particularly about the Brisbane and Lockyer Valleys. This rainfall band is expected to remain slow moving during the remainder of today.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 2pm AEST Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 12:30 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

A return to flood levels of around 3.7 metres is expected at Dalby later today. Major flood levels are forecast of at least 7.3 metres at Warwick. Fast rises and major flooding are developing in Hodgson and Dalrymple Creeks and are expected in the Condamine River downstream of Warwick to Tummaville during Tuesday and Wednesday.

Heavy rainfall of up to 200 millimetres has been recorded in the catchment of Charleys Creek just upstream of the Chinchilla area and fast rises to major flood levels are expected at Chinchilla during Tuesday.

Very heavy rainfall and flash flooding has been recorded in the Toowoomba area during Monday afternoon and rises continue in Gowrie Creek.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine, Myall Creek and Charleys Creek during Tuesday.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Loudoun Bridge to Dirranbandi.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Major flooding is rising again in the upper Condamine River at Murrays Bridge. Moderate flood levels will continue in the upper Condamine River at Warwick. Major flood levels to at least 7.3 metres are forecast during today and overnight tonight.

Further heavy rainfall is occurring this morning and renewed fast rises are likely in the tributary streams downstream of Warwick with renewed rises and major flooding expected downstream to Tummaville during the next few days. These rises will extend downstream to Loudoun Bridge by the end of this week.

MYALL CREEK:

River levels have fallen slightly and are currently around 3.5 metres at 6am at Dalby. Levels are likely to fall slightly during today but further rises are forecast with levels returning to about 3.7 metres today.

CHARLEYS CREEK:

Very heavy rainfall of up to 200 millimetres was reported in the catchment yesterday. Fast rises will continue during today at Chinchilla with levels expected to reach 7 metres (major) during Tuesday and possibly above 7.5 metres.



CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with renewed rises expected during the next several days. Flood levels could reach the high levels of late December 2010 at Condamine but it is too early to make peak predictions.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with renewed rises expected over the next several days. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 6am Tuesday, the Balonne River at St George was 13.1 metres and falling slowly. Major flood levels will remain high (above 13 metres) until Wednesday.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek.

The peak flow will be in the Dirranbandi during Wednesday and in the Hebel area later this week.

Predicted River Heights/Flows:

Condamine R at Warwick Major flood levels of 7.3 metres later today and overnight. Further rises are possible as rainfall continues.

Charleys Creek at Chinchilla Reach 7 metres (major) during Tuesday morning
Possibly reach 7.5 metres Tuesday afternoon

Myall Creek at Dalby Fall this morning before rising again with a peak expected overnight to around 3.7 metres again.

Balonne R at St George (manual) Remain above 13 metres for the next few days.

Next Issue:

The next warning will be issued at about 2pm Tuesday or earlier if required.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	6.25m rising	11:53 AM TUE 11/01/11
Condamine R at Elbow Valley #	6.33m rising	12:20 PM TUE 11/01/11
Condamine R at Murrays Br #	8.15m rising	12:09 PM TUE 11/01/11
Condamine R @ Warwick(Scots Col.) *	6.05m rising	11:30 AM TUE 11/01/11
Condamine R at Warwick #	6.2m rising	04:41 PM MON 10/01/11
Glengallan Ck near Backwater Ck #	4.75m falling	12:17 PM TUE 11/01/11
Condamine R at Tummaville *	10.07m falling	11:00 AM TUE 11/01/11
Condamine R at Centenary Br	7.1m rising	10:45 AM TUE 11/01/11
North Condamine R at Lone Pine *	4.42m rising	11:00 AM TUE 11/01/11
Oakey Ck at Fairview *	6.39m steady	11:00 AM TUE 11/01/11
Condamine R at Loudoun Br *	6.78m rising	11:00 AM TUE 11/01/11
Myall Ck at Dalby #	3.14m falling	12:03 PM TUE 11/01/11



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Condamine R at Warra-Kogan Rd Br	12.4m rising fast	12:00 PM TUE 11/01/11
Condamine R at Chinchilla Weir TW *	12.22m rising	11:30 AM TUE 11/01/11
Charleys Ck at Chinchilla	6.37m rising slowly	09:50 AM TUE 11/01/11
Condamine R at Condamine	10.35m rising slowly	07:00 AM TUE 11/01/11
Condamine R at Cotswold *	12.87m rising	11:40 AM TUE 11/01/11
Yuleba Ck at Yuleba Forestry *	2.49m falling	11:20 AM TUE 11/01/11
Balonne R at Surat * (auto)	10.73m rising	11:50 AM TUE 11/01/11
Balonne R at Surat (manual)	12.22m falling	12:00 PM TUE 11/01/11
Bungil Ck at Roma	5m rising	11:45 AM TUE 11/01/11
Balonne R at Weribone *	12.26m falling	11:50 AM TUE 11/01/11
Maranoa R at Old Cashmere *	3.43m falling	11:50 AM TUE 11/01/11
Balonne R at St George (manual)	13.02m falling	11:45 AM TUE 11/01/11
Balonne R at St George * (auto)	12.68m steady	11:00 AM TUE 11/01/11
Culgoa R at Woolerbilla *	6.49m steady	10:00 AM TUE 11/01/11
Balonne R Minor at Dirranbandi	5.33m rising slowly	06:00 AM TUE 11/01/11
Narran R at Dirranbandi-Hebel Rd *	5.32m rising	12:00 PM TUE 11/01/11
Ballandool R at Hebel-Bollon Rd *	4.01m rising	11:20 AM TUE 11/01/11
Bokhara R at Hebel *	2.13m rising	10:10 AM TUE 11/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 1:02 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Further very heavy rainfall totals of between 100-150mm has been recorded in the 3 hours to 1pm Tuesday across the Stanley catchment above Somerset Dam. Fast rises and minor to moderate flooding is occurring along the Stanley River with higher levels expected. Moderate to major flooding has commenced to ease in Cooyar, Gregor and Cressbrook Creeks. Major flooding continues along the upper Brisbane River at Linville at Devon Hills where river levels are also easing.

UPPER BRISBANE RIVER:

The rainfall has eased in the upper Brisbane catchment above Wivenhoe Dam with less than 20mm recorded in the 3 hours to 1pm Tuesday. Whilst moderate to major flooding is generally easing, further rainfall is forecast for the remainder of today.

STANLEY RIVER:

Fast rises and minor to moderate flooding is occurring in the Stanley River above Somerset Dam, with further rises and higher flood levels expected during Tuesday afternoon with the continued very heavy rainfall. Creek rises continue in Kilcoy Creek.

Weather Forecast:

Rain periods with possible thunder. Moderate to heavy falls possible.

Next Issue:

The next warning will be issued at about 5pm Tuesday.

Latest River Heights:

Stanley R at Peachester #	8.1m rising	12:55 PM TUE 11/01/11
Stanley R at Woodford #	7.94m rising	12:56 PM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.6m steady	12:54 PM TUE 11/01/11
Stanley R at Somerset Dam HW #	103.7m rising	12:53 PM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	6.78m falling	12:39 PM TUE 11/01/11
Brisbane R at Linville #	7.16m falling	12:57 PM TUE 11/01/11
Brisbane R at Devon Hills #	9.33m falling	12:46 PM TUE 11/01/11
Emu Ck at Boat Mountain #	9.32m steady	12:19 PM TUE 11/01/11
Maronghi Ck at Glendale *	3.55m falling	11:50 AM TUE 11/01/11
Brisbane R at Gregor Ck #	12.96m falling	12:56 PM TUE 11/01/11
Cressbrook Ck at Rosentreter's Br #	6.1m rising	12:54 PM TUE 11/01/11
Esk Ck at Falls Rd *	5.3m falling	11:40 AM TUE 11/01/11
Splityard Creek Dam #	162.25m rising	12:57 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam HW #	74.23m falling	12:54 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam TW #	44.8m rising	12:56 PM TUE 11/01/11

*,# denotes automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



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IDQ20032

Australian Government Bureau of Meteorology
Queensland

Transmitters in the areas of the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 2:00 pm on Tuesday 11 January 2011

Synoptic Situation: At 2 pm AEST, a surface trough was lying over the Southeast Queensland Coast and is expected to weaken overnight.

Heavy rain areas and local thunderstorms are expected to continue through the Southeast Coast and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Heavy falls will lead to flash flooding and will worsen existing river flooding.

Currently the focus of the heaviest rainfall extends from about Maroochydore to Warwick, including the Brisbane and Lockyer Valleys and Ipswich area. Recent rainfall rates in this band have reached 60 to 80 mm per hour. This rainfall band is expected to remain slow moving during the remainder of today and gradually weaken overnight and during Wednesday morning.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5 pm AEST Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 2:15 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

A return to flood levels of around 3.8 metres is expected at Dalby tonight. Major flood levels are forecast of at least 7.3 metres at Warwick during this afternoon. Major flooding has developed along the Condamine River downstream from Warwick to Tummalville and will continue during Wednesday.

Heavy rainfall of up to 200 millimetres has been recorded in the catchment of Charleys Creek just upstream of the Chinchilla area and fast rises and major flooding has developed at Chinchilla.

Very heavy rainfall and flash flooding has been recorded in the Toowoomba area during Monday afternoon and rises continue downstream in Gowrie Creek.

Further heavy rain is forecast for the south east Darling Downs including the catchments of the Upper Condamine and Myall Creek during Tuesday.

Moderate to major flooding extends along the Condamine and Balonne River system with major flooding extending from Loudoun Bridge to Dirranbandi.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Major flooding is extending along the Condamine River from Murrays Bridge to Loudoun Bridge. Rises continue at Warwick where river levels are expected to reach at least 7.3 metres during this afternoon.

Heavy rainfall continues to fall over the Upper Condamine area which may cause further rises.

MYALL CREEK:

River levels at Dalby have fallen and are currently around 3.1 metres at 1pm Tuesday. Further rises are expected with river levels returning to about 3.8 metres tonight.

CHARLEYS CREEK:

Very heavy rainfall of up to 200 millimetres was reported in the catchment yesterday. Fast rises will continue during today at Chinchilla with levels expected to reach 7 metres (major) later Tuesday and possibly above 7.5 metres overnight.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with renewed rises expected during the next several days. Flood levels should exceed 13 metres during Thursday and reach near the high levels of late December 2010 at Condamine, but it is too early to make peak



predictions.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with renewed rises expected over the next several days. River levels in the area between Weribone and Barrackdale will be very slow to recede over the next few days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 11am Tuesday, the Balonne River at St George was 13.02 metres and falling slowly. Major flood levels will remain high (around 13 metres) until Wednesday.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek.

The peak flow will be in the Dirranbandi during Wednesday and in the Hebel area later this week.

Predicted River Heights/Flows:

Condamine R at:

Warwick Major flood levels of 7.3 metres during this afternoon. Further rises are possible as rainfall continues.

Condamine Exceed 13 metres during Thursday. Reach higher levels going into the weekend.

Charleys Creek at:

Chinchilla Reach 7 metres (major) during Tuesday night. Possibly reach 7.5 metres overnight and Wednesday.

Myall Creek at:

Dalby Fall this morning before rising again with a peak expected overnight to around 3.8 metres.

Balonne R at:

St George (manual) Remain above 13 metres for the next few days.

Next Issue:

The next warning will be issued at about 6pm Tuesday or earlier if required. (River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	6.25m rising	11:53 AM TUE 11/01/11
Condamine R at Elbow Valley #	6.48m rising	01:02 PM TUE 11/01/11
Condamine R at Murrays Br #	8.25m rising	01:07 PM TUE 11/01/11
Condamine R @ Warwick(Scots Col.) *	6.27m rising	12:22 PM TUE 11/01/11
Condamine R at Warwick #	6.2m rising	04:41 PM MON 10/01/11



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Bureau of Meteorology

Glengallan Ck near Backwater Ck #	4.75m falling	01:07 PM TUE 11/01/11
Condamine R at Tummalville *	10.05m falling	12:00 PM TUE 11/01/11
Condamine R at Centenary Br	7.1m rising	10:45 AM TUE 11/01/11
North Condamine R at Lone Pine *	4.45m rising	12:00 PM TUE 11/01/11
Oakey Ck at Fairview *	6.4m steady	12:00 PM TUE 11/01/11
Condamine R at Loudoun Br *	6.8m rising	12:00 PM TUE 11/01/11
Myall Ck at Dalby #	3.09m falling	01:03 PM TUE 11/01/11
Condamine R at Warra-Kogan Rd Br	12.4m rising fast	12:00 PM TUE 11/01/11
Condamine R at Chinchilla Weir TW *	12.22m rising	11:30 AM TUE 11/01/11
Charleys Ck at Chinchilla	6.68m rising	12:30 PM TUE 11/01/11
Condamine R at Condamine	10.5m rising slowly	12:00 PM TUE 11/01/11
Condamine R at Cotswold *	12.87m rising	11:40 AM TUE 11/01/11
Yuleba Ck at Yuleba Forestry *	2.49m falling	11:20 AM TUE 11/01/11
Balonne R at Surat * (auto)	10.73m rising	11:50 AM TUE 11/01/11
Balonne R at Surat (manual)	12.22m falling	12:00 PM TUE 11/01/11
Bungil Ck at Roma	5m rising	11:45 AM TUE 11/01/11
Balonne R at Weribone *	12.26m falling	11:50 AM TUE 11/01/11
Maranoa R at Old Cashmere *	3.43m falling	11:50 AM TUE 11/01/11
Balonne R at St George (manual)	13.02m falling	11:45 AM TUE 11/01/11
Balonne R at St George * (auto)	12.68m steady	11:00 AM TUE 11/01/11
Culgoa R at Woolerbilla *	6.49m steady	10:00 AM TUE 11/01/11
Balonne R Minor at Dirranbandi	5.33m rising slowly	06:00 AM TUE 11/01/11
Narran R at Dirranbandi-Hebel Rd *	5.32m rising	12:00 PM TUE 11/01/11
Ballandool R at Hebel-Bollon Rd *	4.01m rising	11:20 AM TUE 11/01/11
Bokhara R at Hebel *	2.13m rising	10:10 AM TUE 11/01/11

*, # denotes automatic station.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY - FOR IMMEDIATE BROADCAST

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 3:24 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected with the overnight high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon. River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 36 hours.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

LOCKYER CREEK:

Very heavy rainfall is continuing in the Lockyer Creek catchment and further very fast rises are being observed. Major flooding will continue this evening throughout the catchment. Flood levels at Glenore Grove were at 15.2 metres at 3pm, which is 0.3 metres above the 1974 flood level.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

BREMER RIVER:

The Bremer River at Walloon has exceeded the major flood level. The Bremer River at Rosewood is expected to reach at least 7.6 metres during the next few hours.

The Bremer River at Ipswich is expected to reach about 22 metres during Wednesday. Higher levels are possible as rainfall continues.

WARRILL CREEK

Further rises are likely today as rainfall continues with major flooding from Kalbar to Amberley continuing. Levels at Amberley are expected to reach at least 7.5 metres overnight.

MIDDLE AND LOWER BRISBANE:

Moderate flooding will continue to rise at Savages Crossing and at Mt Crosby Weir with major flood levels exceeded overnight.



Australian Government
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At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected tonight with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Predicted River Heights/Flows:

Ipswich: Reach at least 22 metres (major) during Wednesday; further rises.

Moggill: Reach at least 22 metres (moderate) during Wednesday; further rises.

Jindalee: Reach at least 14.2 metres (moderate) late Wednesday; further rises.

Brisbane City: Reach about 3 metres (moderate) around 3am Wednesday.

Reach 4.5 metres (major) at 3pm Wednesday.

Exceed 1974 flood level (5.45 metres) on Thursday.

Next Issue:

The next warning will be issued at about 7pm Tuesday.

Latest River Heights:

Tenthill Ck at Tenthill *	5.58m rising	02:30 PM TUE 11/01/11
Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	9.26m rising	03:10 PM TUE 11/01/11
Laidley Ck at Warrego Hwy *	7.37m steady	02:00 PM TUE 11/01/11
Lockyer Ck at Glenore Grove #	15.24m rising	03:04 PM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	16.65m rising	02:20 PM TUE 11/01/11
Brisbane R at Savages Crossing *	20.48m rising	02:40 PM TUE 11/01/11
Brisbane R at Mt Crosby #	20.10m rising	03:20 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.41m rising	03:21 PM TUE 11/01/11
Bremer R at Rosewood #	7.48m rising	03:08 PM TUE 11/01/11
Bremer R at Walloon DERM *	9.85m rising	02:40 PM TUE 11/01/11
Warrill Ck at Amberley DNR *	8.09m rising	02:40 PM TUE 11/01/11
Bremer R at Ipswich #	12.05m rising	03:18 PM TUE 11/01/11
Brisbane R at Moggill #	10.22m rising	03:14 PM TUE 11/01/11
Brisbane R at Jindalee Br #	6.7m rising	03:11 PM TUE 11/01/11
Brisbane R at City Gauge #	1.9m rising	01:01 PM TUE 11/01/11

*automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 4:52 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The rainfall in the catchments of the Upper Brisbane and Stanley Rivers has eased to around 20-30 millimetres in the last three hours.

Fast rises are causing major flooding in the Stanley River at Peachester and Woodford.

Moderate to major flooding continues to ease in Cooyar, Gregor and Cressbrook Creeks. Major flooding continues along the upper Brisbane River from Linville to Gregor Creek with levels now easing slowly.

Creek rises continue in Kilcoy Creek with levels expected to peak overnight.

Weather Forecast:

Rain periods with possible thunder. Moderate to heavy falls possible.

Next Issue:

The next warning will be issued at about 11pm Tuesday.

Latest River Heights:

Stanley R at Peachester #	8.86m falling	04:01 PM TUE 11/01/11
Stanley R at Woodford #	9.24m rising	03:58 PM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.68m steady	03:56 PM TUE 11/01/11
Stanley R at Somerset Dam HW #	104.16m rising	04:02 PM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	5.6m falling	04:00 PM TUE 11/01/11
Brisbane R at Linville #	6.12m falling	03:51 PM TUE 11/01/11
Brisbane R at Devon Hills #	7.51m falling	04:02 PM TUE 11/01/11
Emu Ck at Boat Mountain #	6.52m falling	04:01 PM TUE 11/01/11
Maronghi Ck at Glendale *	2.92m steady	02:18 PM TUE 11/01/11
Brisbane R at Gregor Ck #	10.94m falling	04:02 PM TUE 11/01/11
Cressbrook Ck at Rosentreter's Br #	6.06m falling	03:54 PM TUE 11/01/11
Esk Ck at Falls Rd *	5.06m rising	02:30 PM TUE 11/01/11
Splityard Creek Dam #	160m falling	03:59 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam HW #	74.59m rising	04:02 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam TW #	26.45m steady	03:59 PM TUE 11/01/11

*,# from automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



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IDQ20032
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Queensland

Transmitters in areas of the Southeast Coast district and the Darling Downs and Granite Belt district southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 5:00 pm on Tuesday 11 January 2011

Synoptic Situation: At 4 pm AEST, southeast Queensland was under the influence of a deep moist easterly airstream, with an upper trough located over the Darling Downs.

Heavy rain areas and local thunderstorms are expected to continue tonight through the Southeast Coast and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Heavy falls will lead to further localised flash flooding and will worsen existing river flooding.

The heavy rain areas are expected to gradually weaken overnight and during Wednesday morning.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11 pm AEST Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 6:44 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Major flooding continues to rise and effect the towns of Warwick, Dalby and Chinchilla in the Upper Condamine River system. Moderate to major flooding extends along the entire Condamine and Balonne Rivers.

Heavy rain areas and local thunderstorms are expected to continue tonight through the Southeast Coast and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Heavy falls will lead to further localised flash flooding and will worsen existing river flooding.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Major flooding is extending along the Condamine River from Murrays Bridge to Loudoun Bridge. Rises continue at Warwick where river levels are forecast to reach 8.5 metres during tonight with major flooding. This is 0.6 metres higher than the peak reached in December 2010.

Heavy rainfall continues to fall over the Upper Condamine area which may cause further rises.

MYALL CREEK:

River levels at Dalby have fallen and are currently around 3.05 metres at 3pm Tuesday. Further rises are expected with river levels returning to about 3.8 metres tonight.

CHARLEYS CREEK:

At 5.30pm, Charleys Creek at Chinchilla was 6.9 metres and steady. Further rises are expected during Wednesday with levels up to 7.5 metres possible.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with renewed rises expected during the next few days. At Condamine Township, flood levels should exceed 13 metres during Thursday and continue rising.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with renewed rises expected over the next several days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 6pm Tuesday, the Balonne River at St George was 12.99 metres and falling slowly. Major flood levels will remain high (around 13 metres) into Wednesday.

High level major flooding is expected to continue in the Balonne River system



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downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek.

The peak flow is currently in the Dirranbandi area and will reach the Hebel area later this week.

Predicted River Heights/Flows:

Condamine R at:

Warwick Reach 8.5 metres during this evening. Further rises are possible as rainfall continues.

Condamine Exceed 13 metres during Thursday.
Reach higher levels going into the weekend.

Charleys Creek at:

Chinchilla Reach 7 metres (major) during Tuesday night.
Possibly reach 7.5 metres during Wednesday.

Myall Creek at:

Dalby Reach 3.8 metres (major) during Wednesday morning.

Balonne R at:

St George (manual) Remain around 13 metres until Thursday.

Next Issue:

The next warning will be issued at about 11pm Tuesday.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	6.25m rising	11:53 AM TUE 11/01/11
Condamine R at Elbow Valley #	6.78m steady	05:08 PM TUE 11/01/11
Condamine R at Murrays Br #	8.9m falling	05:56 PM TUE 11/01/11
Condamine R @ Warwick(Scots Col.) *	7.47m rising	05:50 PM TUE 11/01/11
Condamine R at Warwick #	8.05m rising	05:30 PM TUE 11/01/11
Glengallan Ck near Backwater Ck #	4.75m rising	05:55 PM TUE 11/01/11
Condamine R at Tummalville *	10.09m rising	05:00 PM TUE 11/01/11
Condamine R at Centenary Br	7.05m steady	05:00 PM TUE 11/01/11
North Condamine R at Lone Pine *	4.57m rising	05:00 PM TUE 11/01/11
Oakey Ck at Fairview *	6.4m steady	05:00 PM TUE 11/01/11
Condamine R at Loudoun Br *	6.92m rising	05:00 PM TUE 11/01/11
Myall Ck at Dalby #	3.04m steady	03:03 PM TUE 11/01/11
Condamine R at Warra-Kogan Rd Br	12.73m rising	03:00 PM TUE 11/01/11
Condamine R at Chinchilla Weir TW *	12.28m rising	05:10 PM TUE 11/01/11
Charleys Ck at Chinchilla	6.8m rising	02:00 PM TUE 11/01/11
Condamine R at Condamine	10.6m rising	03:00 PM TUE 11/01/11
Condamine R at Cotswold *	13.03m rising	05:20 PM TUE 11/01/11
Yuleba Ck at Yuleba Forestry *	2.3m falling	05:10 PM TUE 11/01/11
Balonne R at Surat * (auto)	10.72m rising	05:30 PM TUE 11/01/11
Balonne R at Surat (manual)	11.18m falling slowly	05:50 PM TUE 11/01/11
Bungil Ck at Roma	4.75m falling slowly	02:30 PM TUE 11/01/11
Balonne R at Weribone *	12.2m falling	05:30 PM TUE 11/01/11
Maranoa R at Old Cashmere *	3.36m steady	05:10 PM TUE 11/01/11



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Bureau of Meteorology

Balonne R at St George (manual)	13m falling	03:00 PM TUE 11/01/11
Balonne R at St George * (auto)	12.62m rising	05:40 PM TUE 11/01/11
Culgoa R at Woolerbilla *	6.5m steady	01:00 PM TUE 11/01/11
Balonne R Minor at Dirranbandi	5.33m rising slowly	06:00 AM TUE 11/01/11
Narran R at Dirranbandi-Hebel Rd *	5.32m steady	05:00 PM TUE 11/01/11
Ballandool R at Hebel-Bollon Rd *	4.12m rising	05:20 PM TUE 11/01/11
Bokhara R at Hebel *	2.17m rising	05:30 PM TUE 11/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



IDQ20805

Australian Government Bureau of Meteorology
Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING
SIGNAL BEFORE
BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

**FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER
BELOW WIVENHOE INCLUDING BRISBANE CITY**

Issued at 8:05 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected with the overnight high tide. Higher flood levels to about 4.5 metres (major) are expected with the high tide on Wednesday afternoon. River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 36 hours.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

LOCKYER CREEK:

Very heavy rainfall is continuing in the Lockyer Creek catchment and further very fast rises are being observed. Major flooding will continue this evening throughout the catchment. Flood levels at Glenore Grove were at 15.2 metres at 3pm, which is 0.3 metres above the 1974 flood level.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

BREMER RIVER:

The Bremer River at Walloon has exceeded the major flood level. The Bremer River at Rosewood has peaked at 7.5 metres around 5pm Tuesday.

The Bremer River at Ipswich is expected to reach around 21.5 metres during Wednesday.

WARRILL CREEK

Further rises are likely today as rainfall continues with major flooding from Kalbar to Amberley continuing. Levels at Amberley are expected to reach at least 8.0 metres overnight.



MIDDLE AND LOWER BRISBANE:

Moderate flooding will continue to rise at Savages Crossing and at Mt Crosby Weir with major flood levels exceeded overnight.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected tonight with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Predicted River Heights/Flows:

Ipswich: Reach about 21.5 metres (major) during Wednesday; further rises possible.

Moggill: Reach about 21 metres (moderate) during Wednesday; further rises possible.

Jindalee: Reach about 14.2 metres (moderate) late Wednesday; further rises possible.

Brisbane City: Reach about 3 metres (moderate) around 3am Wednesday.

Reach about 4.5 metres (major) at 3pm Wednesday.

Exceed 1974 flood level (5.45 metres) on Thursday.

Next Issue:

The next warning will be issued at about midnight Tuesday.

Latest River Heights:

Tenthill Ck at Tenthill *	5.05m falling	06:20 PM TUE 11/01/11
Laidley Ck at Mulgowie *	1.9m steady	08:50 AM TUE 11/01/11
Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	9.24m falling	07:31 PM TUE 11/01/11
Laidley Ck at Warrego Hwy *	7.37m steady	06:00 PM TUE 11/01/11
Lockyer Ck at Glenore Grove #	15.26m rising	07:31 PM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	16.66m rising	05:30 PM TUE 11/01/11
Brisbane R at Savages Crossing *	21.67m rising	05:40 PM TUE 11/01/11
Brisbane R at Kholo Br #	12.77m rising	03:28 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.81m rising	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	7.24m falling	07:29 PM TUE 11/01/11
Bremer R at Walloon DERM *	11.27m rising	06:00 PM TUE 11/01/11
Warrill Ck at Amberley DNR *	8.69m rising	05:40 PM TUE 11/01/11
Bremer R at Ipswich #	14.85m falling	07:33 PM TUE 11/01/11
Brisbane R at Moggill #	12.17m rising	07:32 PM TUE 11/01/11
Brisbane R at Jindalee Br #	7.95m rising	07:23 PM TUE 11/01/11
Brisbane R at City Gauge #	1.75m falling	06:57 PM TUE 11/01/11

*,# denotes an automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



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Queensland

Note: The Standard Emergency Warning Signal is no longer required.

TOP PRIORITY FOR IMMEDIATE BROADCAST
CANCELLATION - SEVERE WEATHER WARNING

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 10:00 pm on Tuesday 11 January 2011

Synoptic Situation: At 10 pm AEST, southeast Queensland was under the influence of a deep moist east to northeast airstream. A weakening upper trough was moving south.

Heavy rain areas have eased during the past few hours and further flash flooding due to rainfall is no longer expected.

Note that an extremely serious river and stream flood situation still exists. Refer to flood warnings [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

No further warnings are expected to be issued for this event

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.



IDQ20825

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CONDAMINE AND BALONNE RIVER SYSTEM

Issued at 11:07 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Major flooding continues to rise and effect the towns of Warwick, Dalby and Chinchilla in the Upper Condamine River system. Moderate to major flooding extends along the entire Condamine and Balonne Rivers.

Heavy rain areas and local thunderstorms are expected to continue tonight through the Southeast Coast and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Heavy falls will lead to further localised flash flooding and will worsen existing river flooding.

CONDAMINE RIVER - UPPER CONDAMINE TO LOUDOUN BRIDGE:

Major flooding is extending along the Condamine River from Murrays Bridge to Loudoun Bridge. The Condamine River at Warwick peaked at 8.35 metres around 9pm Tuesday. This is 0.45 metres higher than the peak reached in December 2010.

MYALL CREEK:

River levels at Dalby are currently rising, with a peak around 3.8 metres expected overnight Tuesday or early Wednesday.

CHARLEYS CREEK:

At 5.30pm, Charleys Creek at Chinchilla was 6.9 metres and steady. Further rises are expected during Wednesday with levels up to 7.5 metres possible.

CONDAMINE RIVER - LOUDOUN BRIDGE TO COTSWOLD:

Major flooding continues with renewed rises expected during the next few days. At Condamine Township, flood levels should exceed 13 metres during Thursday and continue rising.

BALONNE RIVER TO BEARDMORE DAM:

Major flooding continues to fall slowly around Surat and Weribone, with renewed rises expected over the next several days. The river level at Warroo above Beardmore Dam is also falling very slowly.

BALONNE RIVER - ST GEORGE TO NSW BORDER:

At 6pm Tuesday, the Balonne River at St George was 12.99 metres and falling slowly. Major flood levels will remain high (around 13 metres) into Wednesday.

High level major flooding is expected to continue in the Balonne River system downstream from St George to the NSW border throughout January. This includes the Bokhara, Culgoa, Balonne Minor and Narran Rivers and Ballandool Creek.

The peak flow is currently in the Dirranbandi area and will reach the Hebel area later this week.

Predicted River Heights/Flows:



Australian Government
Bureau of Meteorology

Condamine R at:
Warwick Fall slowly overnight.

Condamine Exceed 13 metres during Thursday. Reach higher levels going into the weekend.

Charleys Creek at:
Chinchilla Possibly reach 7.5 metres during Wednesday.

Myall Creek at:
Dalby Reach 3.8 metres (major) during Wednesday morning.

Balonne R at:
St George (manual) Remain around 13 metres until Thursday.

Next Issue:
The next warning will be issued at about 7am Wednesday.
(River heights are constantly updated on the Bureau website.)

Latest River Heights:

Condamine R at Killarney #	6.25m rising	11:53 AM TUE 11/01/11
Condamine R at Elbow Valley #	6.23m falling	10:28 PM TUE 11/01/11
Condamine R at Murrays Br #	8.5m falling	10:16 PM TUE 11/01/11
Condamine R @ Warwick(Scots Col.) *	7.71m falling	09:00 PM TUE 11/01/11
Condamine R @ Warwick	8.20m falling	10:45 PM TUE 11/01/11
Glengallan Ck near Backwater Ck #	4.6m falling	10:35 PM TUE 11/01/11
Condamine R at Tumbarville *	10.56m rising	09:00 PM TUE 11/01/11
Condamine R at Centenary Br	7.05m steady	07:00 PM TUE 11/01/11
North Condamine R at Lone Pine *	4.65m rising	09:00 PM TUE 11/01/11
Oakey Ck at Fairview *	6.4m steady	08:00 PM TUE 11/01/11
Condamine R at Loudoun Br *	6.92m steady	09:00 PM TUE 11/01/11
Myall Ck at Dalby #	3.24m rising	10:18 PM TUE 11/01/11
Condamine R at Warra-Kogan Rd Br	13m rising	06:00 PM TUE 11/01/11
Condamine R at Chinchilla Weir TW *	12.35m falling	08:40 PM TUE 11/01/11
Charleys Ck at Chinchilla	6.9m steady	06:30 PM TUE 11/01/11
Condamine R at Condamine	11.07m rising	09:00 PM TUE 11/01/11
Condamine R at Cotswold *	13.15m rising	08:40 PM TUE 11/01/11
Yuleba Ck at Yuleba Forestry *	2.23m falling	08:20 PM TUE 11/01/11
Balonne R at Surat * (auto)	10.7m rising	08:50 PM TUE 11/01/11
Balonne R at Surat (manual)	11.18m falling slowly	05:50 PM TUE 11/01/11
Bungil Ck at Roma	4.75m falling slowly	02:30 PM TUE 11/01/11
Balonne R at Weribone *	12.16m falling	08:50 PM TUE 11/01/11
Maranoa R at Old Cashmere *	3.32m falling	08:20 PM TUE 11/01/11
Balonne R at St George (manual)	12.98m falling	09:00 PM TUE 11/01/11
Balonne R at St George * (auto)	12.62m rising	05:40 PM TUE 11/01/11
Culgoa R at Woolerbilla *	6.51m steady	07:00 PM TUE 11/01/11
Balonne R Minor at Dirranbandi	5.33m rising slowly	06:00 AM TUE 11/01/11
Narran R at Dirranbandi-Hebel Rd *	5.33m steady	08:00 PM TUE 11/01/11
Ballandool R at Hebel-Bollon Rd *	4.2m rising	08:30 PM TUE 11/01/11
Bokhara R at Hebel *	2.18m rising	08:00 PM TUE 11/01/11

Warnings and River Height Bulletins are available at



Australian Government
Bureau of Meteorology

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.



IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 11:18 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The rainfall in the catchments of the Upper Brisbane and Stanley Rivers have continued to ease, with rainfall totals in the last three hours generally less than 10 millimetres.

Major flooding is now falling in the Stanley River at Woodford, the Brisbane River at Gregor Creek and at Rosentreter's on Cressbrook Creek.

River levels in the upper Brisbane and Stanley Rivers will continue to fall overnight.

Next Issue:

The next warning will be issued at about 10am Wednesday.

Latest River Heights:

Stanley R at Peachester #	7.86m steady	10:48 PM TUE 11/01/11
Stanley R at Woodford #	9.08m falling	10:50 PM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.41m steady	10:51 PM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	4.22m falling	10:42 PM TUE 11/01/11

Brisbane R at Linville #	4.78m falling	10:48 PM TUE 11/01/11
Brisbane R at Devon Hills #	5.85m falling	10:50 PM TUE 11/01/11
Brisbane R at Gregor Ck #	8.04m falling	10:47 PM TUE 11/01/11
Cressbrook Ck at Rosentreter's Br #	5.84m rising	10:51 PM TUE 11/01/11

automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

Annexure "PB-3"

Forecast and warnings that were issued by the Bureau of Meteorology and sent via email to Seqwater between 6 and 19 January 2011

Product ID	Product Title	Delivery Mechanism	Issued between 6 and 19 January 2011
10003	SEQWB Quantitative Precipitation	EMAIL	Yes
20003	Tsunami Warning	EMAIL	No
20023	Tropical Cyclone Advice 1	EMAIL	No
20026	Tropical Cyclone Advice 2	EMAIL	No
20029	Tropical Cyclone Advice 3	EMAIL	No
20032	Severe Weather Warning 1	EMAIL	Yes
20033	Severe Weather Warning 2	EMAIL	No
20035	Fire Weather Warning 1	EMAIL	No
20036	Fire Weather Warning 2	EMAIL	No
20038	Severe Thunderstorm Warning - SE Qld 1	EMAIL	Yes
20041	Severe Thunderstorm Warning - Qld 1	EMAIL	No
20780	FLDWARN Coastal Rs Maryborough south	EMAIL	Yes
20790	FLDWARN for the Mary River basin	EMAIL	Yes
20795	FLDWARN for the Noosa and Maroochy Rs	EMAIL	Yes
20800	FLDWARN for the Upper Brisbane R basin	EMAIL	Yes
20805	FLDWARN for Lower Brisbane and Bremer Rs	EMAIL	Yes
20810	FLDWARN for the Brisbane Creeks	EMAIL	No
20815	FLDWARN for the Logan Albert R basin	EMAIL	Yes
20820	FLDWARN for the Nerang and Coomera Rs	EMAIL	No

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Authorised for release to the public by the Bureau of Meteorology, 04 April 2011

SEQWB Quantitative Precipitation

6 January 2011 to 19 January 2011

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 10:21am EST on Thursday the 6th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
9am Friday 30-50mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
9am Friday 30-50mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 4:00pm EST on Thursday the 6th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
3pm Friday 20-30mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
3pm Friday 20-30mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 10:03am EST on Friday the 7th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to

10am Saturday: 20-30mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to

10am Saturday: 40-50mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 4:04pm EST on Friday the 7th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to

4pm Saturday: 20-30mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to

4pm Saturday: 40-50mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 10:03am EST on Saturday the 8th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to

9am Sunday: 30-50mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to

9am Sunday: 40-60mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 4:00pm EST on Saturday the 8th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
3pm Sunday: 30-50mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
3pm Sunday: 40-60mm

IDQ10003

BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 10:03am EST on Sunday the 9th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
9am Monday: 40-60mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
9am Monday: 40-60mm

IDQ10003

BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 4:00pm EST on Sunday the 9th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
3pm Monday: 50-80mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
3pm Monday: 60-100mm

IDQ10003

BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 10:03am EST on Monday the 10th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
10am Tuesday: 50-100mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
10am Tuesday: 75-150mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 4:00pm EST on Monday the 10th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
4pm Tuesday: 25-50mm, isolated falls to 100mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
4pm Tuesday: 25-50mm, isolated falls to 100mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)

Issued at 10:13am EST on Tuesday the 11th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
10am Wednesday: Falls in excess of 100mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
10am Wednesday: Falls in excess of 100mm

IDQ10003

BUREAU OF METEOROLOGY

Queensland Region

Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:13pm EST on Tuesday the 11th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
4pm Wednesday: 50 to 100mm this evening and overnight, easing to less than 30mm
during Wednesday

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
4pm Wednesday: 50 to 100mm this evening and overnight, easing to less than 30mm
during Wednesday

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 10:03am EST on Wednesday the 12th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
10am Thursday: 10mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
10am Thursday: 10mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Wednesday the 12th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:

Forecast of catchment average rainfall for the 24 hour period to
4pm Thursday: 5mm

NORTH PINE DAM CATCHMENT

Forecast of catchment average rainfall for the 24 hour period to
4pm Thursday: 5mm

IDQ10003

BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 2:25pm EST on Thursday the 13th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
4pm Friday 5mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
4pm Friday 5mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Thursday the 13th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
3pm Friday 5mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
3pm Friday 5mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 10:03am EST on Friday the 14th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
9am Saturday <3mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
9am Saturday <3mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Friday the 14th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
3pm Saturday <3mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
3pm Saturday <3mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 10:03am EST on Saturday the 15th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
10am Sunday: < 3mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
10am Sunday: < 3mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Saturday the 15th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
4pm Sunday: < 3mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
4pm Sunday: < 3mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 10:03am EST on Sunday the 16th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
10am Monday: < 2mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
10am Monday: < 2mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Sunday the 16th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
4pm Monday: 2 to 5mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
4pm Monday: < 2mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 10:03am EST on Monday the 17th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
9am Tuesday: to 5mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
9am Tuesday: to 5mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Monday the 17th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
3pm Tuesday: to 5mm

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
3pm Tuesday: to 5mm

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 10:50am EST on Tuesday the 18th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
9am Wednesday: 10-15mm generally, isolated heavier falls [-40mm]

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
9am Wednesday: 10-15mm, isolated heavier falls [-40mm]

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Tuesday the 18th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
3pm Wednesday: 20-25mm generally, isolated heavier falls [40-50mm]

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
3pm Wednesday: 20-25mm, isolated heavier falls [40-50mm]

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 10:43am EST on Wednesday the 19th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
10am Thursday: 15-25mm generally, heavier falls to about 50mm with storms

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
10am Thursday: 15-25mm generally, heavier falls to about 50mm with storms

IDQ10003
BUREAU OF METEOROLOGY
Queensland Region
Brisbane Office

QUANTITATIVE PRECIPITATION FORECAST FOR SEQWB/SUNWATER)
Issued at 4:00pm EST on Wednesday the 19th of January 2011

SOMERSET DAM AND WIVENHOE DAM CATCHMENTS:
Forecast of catchment average rainfall for the 24 hour period to
4pm Thursday: 15-25mm generally, heavier falls to about 50mm with storms

NORTH PINE DAM CATCHMENT
Forecast of catchment average rainfall for the 24 hour period to
4pm Thursday: 15-25mm generally, heavier falls to about 50mm with storms

Severe Weather Warning 1

6 January 2011 to 19 January 2011

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding, this may add to the existing river flood situation

For people in the Southeast Coast, Wide Bay and Burnett and the Capricornia districts.

Issued at 3:40 am on Thursday 6 January 2011

Synoptic Situation: At 0330AM EST, a developing upper level low over southern Queensland and a surface trough will combine to concentrate heavier weather over the SE region during Thursday which will then contract towards the Capricorn, Wide Bay and Sunshine coasts later in the day.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding, this may add to the existing river flood situation

For people in the Wide Bay and Burnett districts.

Issued at 6:55 am on Thursday 6 January 2011

Synoptic Situation: At 0650AM EST, a developing upper level low over southern

Queensland and a surface trough will combine to concentrate heavier weather towards the Wide Bay region this afternoon and overnight.

Heavy rainfall has eased over the Capricorn and SE coastal district, therefore this warning has been cancelled in these districts.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district and eastern parts of the Wide Bay and Burnett District.

Issued at 8:30 am on Thursday 6 January 2011

Synoptic Situation: At 8am EST, an upper level low was developing over the southeastern interior of Queensland. A slow moving surface trough extended from northwestern Queensland into the Darling Downs.

Rain areas and thunderstorms are expected to increase through the Southeast Coast District and eastern parts of the Wide Bay and Burnett District this afternoon. Some heavy falls are expected which may lead to localised flash flooding and/or worsen existing river flooding.

Isolated thunderstorms are expected through the Capricornia and remaining parts of the Wide Bay and Burnett District. Locally heavy falls may occur with these thunderstorms and Severe Thunderstorm Warnings will be issued as necessary.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast District and eastern parts of the Wide Bay and Burnett District.

Issued at 10:45 am on Thursday 6 January 2011

Synoptic Situation: At 10am EST, an upper level low was developing over the southeastern interior of Queensland. A slow moving surface trough extended from northwestern Queensland into eastern Darling Downs.

Rain areas and thunderstorms will increase further through the Southeast Coast District and eastern parts of the Wide Bay and Burnett District today. Some heavy falls are expected which may lead to localised flash flooding and/or worsen existing river flooding.

Rainfall is expected to ease about the Southeast Coast District during Friday.

Isolated thunderstorms are expected through the Capricornia and remaining parts of the Wide Bay and Burnett District. Locally heavy falls may occur today with these thunderstorms and Severe Thunderstorm Warnings will be issued as necessary.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5pm Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and eastern parts of the Wide Bay and Burnett districts.

Issued at 4:50 pm on Thursday 6 January 2011

Synoptic Situation: At 4pm EST, an upper level low was developing over the southeastern interior of Queensland and is forecast to move in a north northeast direction overnight. A slow moving surface trough extended from northwestern parts of the state down into the southeast.

Rain areas and thunderstorms will continue through parts of the Southeast Coast district north of Brisbane and eastern parts of the Wide Bay and Burnett district this evening and overnight. Some heavy falls are expected which may lead to localised flash flooding and/or worsen existing river flooding.

Rain areas and thunderstorms have eased in parts of the Southeast Coast district south of Brisbane but may redevelop overnight. Heavy rain areas are forecast to contract into eastern parts of the Wide Bay and Burnett district on Friday.

Isolated thunderstorms are expected through the Capricornia and remaining parts of the Wide Bay and Burnett District. Locally heavy falls may occur today with these thunderstorms and Severe Thunderstorm Warnings will be issued as necessary.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and eastern parts of the Wide Bay and Burnett districts.

Issued at 10:55 pm on Thursday 6 January 2011

Synoptic Situation: At 1030pm EST, an upper level low over the southeastern interior will move north into the Capricorn district during Friday. Current rain areas near the coast will develop back inland over the SE region during Friday.

Some heavy falls may occur about the eastern Burnett, Wide Bay and northern parts of the Sunshine coast later on Friday with the potential for flash flooding and this may contribute to existing river flooding.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and eastern parts of the Wide Bay and Burnett districts.

Issued at 5:25 am on Friday 7 January 2011

Synoptic Situation: At 0420am EST, an upper level low occurs over the Capricorn region at present and will contribute to further rain areas over southeastern region today.

Some heavy falls may occur about the eastern Burnett, Wide Bay and northern

parts of the Sunshine coast later today with the potential for flash flooding and this may contribute to existing flooding situation.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett forecast districts.

Issued at 8:25 am on Friday 7 January 2011

Synoptic Situation: At 7am EST, an upper level low was located over the Capricornia district while a low level trough was located off the Capricorn coast. These systems will combine to produce further rain areas and thunderstorms over the Southeast Coast and Wide Bay and Burnett forecast districts.

Some heavy falls are currently occurring about southern parts of the Southeast Coast District. Heavy rainfall is also expected to develop further north about the Sunshine Coast and Wide Bay and Burnett district through today. Rainfalls should ease south of the Sunshine Coast later today.

Heavy rainfalls may lead to localised flash flooding and/or worsen existing river flooding.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett districts.

Issued at 11:25 am on Friday 7 January 2011

Synoptic Situation: At 10am EST, an upper level low was located over the Capricornia district while a low level trough was located near the Queensland east coast. These systems will combine to produce further rain areas and thunderstorms over the Southeast Coast and Wide Bay and Burnett districts.

Heavy rain and isolated thunderstorms are currently occurring about the Southeast Coast district. These conditions are expected to develop in the Wide Bay and Burnett district during this afternoon and evening. Rainfall is expected to ease south of the Sunshine Coast later today.

Heavy rainfall may lead to localised flash flooding and/or worsen existing river flooding.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5pm Thursday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett districts.

Issued at 3:35 pm on Friday 7 January 2011

Synoptic Situation: At 3pm EST, an upper level low was located over the Capricornia district while a low level trough was located near the Queensland east coast. The upper level low is forecast to move off the Capricornia coast on Saturday while the low level trough remains slow moving.

Heavy rain and isolated thunderstorms are currently occurring about the Wide Bay and Burnett and Southeast Coast districts north of Brisbane. Heavy rain may lead to localised flash flooding and/or worsen existing river flooding.

These conditions are expected to persist about the Wide Bay and Burnett district on Saturday while redeveloping throughout the Southeast Coast district during the afternoon and evening.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Friday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett districts.

Issued at 3:40 pm on Friday 7 January 2011

Synoptic Situation: At 3pm EST, an upper level low was located over the Capricornia district while a low level trough was located near the Queensland east coast. The upper level low is forecast to move off the Capricornia coast on Saturday while the low level trough remains slow moving.

Heavy rain and isolated thunderstorms are currently occurring about the Wide Bay and Burnett and Southeast Coast districts north of Brisbane. Heavy rain may lead to localised flash flooding and/or worsen existing river flooding.

These conditions are expected to persist in these areas on Saturday while redeveloping throughout the Southeast Coast district during the afternoon and evening.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Friday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett districts.

Issued at 10:50 pm on Friday 7 January 2011

Synoptic Situation: At 10pm EST, an upper level low was located offshore from the Capricornia district while a low level trough was located near the Wide Bay coast.

Heavy rain and isolated thunderstorms are currently occurring about the southern Wide Bay and Burnett district and are forecast to develop about the Sunshine Coast during Saturday morning, and remaining parts of the Southeast Coast district on Saturday afternoon. Heavy rain may lead to localised flash flooding and/or worsen existing river flooding.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Saturday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett districts.

Issued at 4:55 am on Saturday 8 January 2011

Synoptic Situation: At 10pm EST, an upper level low was located offshore from the Capricornia district while a low level trough was located near the Wide Bay coast.

Heavy rain and isolated thunderstorms are currently occurring about the southern Wide Bay and Burnett district and are forecast to develop about the Sunshine Coast during Saturday morning, and remaining parts of the Southeast Coast district on Saturday afternoon. Heavy rain may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: Rainfall of up to 220mm over the Mary River catchment since 9am Friday has caused rapid river rises there, see separate Flood Warning for details.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Saturday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett districts.

Issued at 11:00 am on Saturday 8 January 2011

Synoptic Situation: At 10am EST, an upper level low was located offshore from the Capricornia district while a low level trough was located off the southern coast.

Heavy rain overnight has weakened recently to showers and isolated thunderstorms. Rain areas are expected to return to the Southeast Coast and Wide Bay and Burnett districts from this afternoon, and increase to moderate to heavy falls at times tonight and Sunday. Heavy rain may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: Rainfall of up to 304mm over the Mary River catchment in the 24 hours to 9am Saturday. A Flood Warning is current for this area.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5pm Saturday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast and Wide Bay and Burnett districts.

Issued at 5:15 pm on Saturday 8 January 2011

Synoptic Situation: At 4pm EST, an upper level low was located offshore from the Capricornia district while a low level trough was located off the southern coast.

Rain areas are expected to return to the Southeast Coast and Wide Bay and Burnett districts tonight, and are likely to increase to moderate to heavy falls at times during Sunday. Heavy rain may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: Rainfall of up to 304mm over the Mary River catchment in the 24 hours to 9am Saturday. A Flood Warning is current for this area.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Saturday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district and southern parts of the Wide Bay and Burnett.

Issued at 10:20 pm on Saturday 8 January 2011

Synoptic Situation: At 10pm EST, an upper level low was located offshore of the Capricorn coast. A surface trough was located well offshore of the Fraser coast. Both of these systems are expected to move closer to the coast overnight and during Sunday.

Rain areas and thunderstorms are expected to increase through the Southeast Coast district and southern parts of the Wide Bay and Burnett district from early Sunday. Some heavy falls are likely which may lead to localised flash flooding and/or worsen existing river flooding.

Flood warnings are current for various rivers and streams in these districts;

refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Sunday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district and southern parts of the Wide Bay and Burnett.

Issued at 4:40 am on Sunday 9 January 2011

Synoptic Situation: At 4am EST, an upper level low was located offshore of the Capricorn coast. A surface trough was located offshore of the southern Queensland coast. Both of these systems are expected to move closer to the coast today.

Rain areas and thunderstorms are expected to increase further through the Southeast Coast district and southern parts of the Wide Bay and Burnett district today. Some heavy falls are likely which may lead to localised flash flooding and/or worsen existing river flooding.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Sunday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District.

Issued at 10:55 am on Sunday 9 January 2011

Synoptic Situation: At 10am EST, an upper level low was located offshore of the Capricorn coast. A surface trough was located offshore of the southern Queensland coast. Both of these systems are expected to move closer to the coast today.

Rain areas and thunderstorms are expected to increase further through the Southeast Coast district and southern parts of the Wide Bay and Burnett district today. The heavy rain areas are expected to move into the eastern parts of the Darling Downs and Granite Belt District overnight. Some heavy falls are likely which may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: Rainfall over 100mm was recorded in the last 24 hours about parts of the Sunshine Coast and Hinterland.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5pm Sunday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett, and eastern Darling Downs and Granite Belt District.

Issued at 4:55 pm on Sunday 9 January 2011

Synoptic Situation: At 4pm EST, an upper level low was located near the Wide Bay coast. A surface trough was located near the southern Queensland coast. Both of these systems are moving towards the west and southwest.

Rain areas and thunderstorms are expected to continue about the northern and central parts of the Southeast Coast District, southern parts of the Wide Bay and Burnett District, and northeastern parts of the Darling Downs and Granite Belt district. The heavy rain areas are expected to move into the southern parts towards the border with New South Wales and west to the Granite Belt overnight. Heavy falls are likely which may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: In the past 24 hours, Maleny has recorded 239mm, West Bellthorpe 233mm and Lindfield 226mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Sunday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 11:00 pm on Sunday 9 January 2011

Synoptic Situation: At 10pm EST, an upper level low was located over the southern Capricornia. A surface trough was located near the Fraser coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue about northern and central parts of the Southeast Coast District, southern parts of the Wide Bay and Burnett District, and northeastern parts of the Darling Downs and Granite Belt district. The heavy rain areas are expected to extend further south to the New South Wales border and west to the Granite Belt overnight. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: In the past 24 hours, Maleny has recorded 336mm, West Bellthorpe 331mm and Lindfield 301mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Monday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 5:00 am on Monday 10 January 2011

Synoptic Situation: At 4am EST, an upper level low was located over the southern Capricornia. A surface trough was located near the Fraser coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

Recent events: In the past 24 hours, West Bellthorpe recorded 343mm, Maleny 337mm, and Lindfield 313mm.

Flood warnings are current for various rivers and streams in these districts;

refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Monday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 11:00 am on Monday 10 January 2011

Synoptic Situation: At 10am EST, an upper level low was located over the southwest of the Capricornia District. A surface trough was located off the southeast coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract southwards into the Southeast Coast district and southeast parts of the Darling Downs and Granite Belt district during Tuesday.

Recent events: In the 24 hours to 9am EST Monday morning, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Monday

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 11:05 am on Monday 10 January 2011

Synoptic Situation: At 10am EST, an upper level low was located over the southwest of the Capricornia District. A surface trough was located off the southeast coast. Both of these systems are moving slowly west.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract southwards into the Southeast Coast district and southeast parts of the Darling Downs and Granite Belt district during Tuesday.

Recent events: In the 24 hours to 9am EST Monday morning, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5 pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast district, far southern parts of the Wide Bay and Burnett district and eastern parts of the Darling Downs and Granite Belt district.

Issued at 5:05 pm on Monday 10 January 2011

Synoptic Situation: At 4pm EST, an upper level low was located over the west of the Wide Bay and Burnett district. A surface trough was located off the east Queensland coast. The upper low is forecast to move southwest over the southern interior of Queensland while the surface trough remains slow moving.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract southwards and gradually ease in the Southeast Coast district and eastern parts of the Darling Downs and Granite Belt district later on Tuesday.

Rainfall has eased in far southern parts of the Wide Bay and Burnett district and therefore the warning for this district is now CANCELLED.

Recent events: In the 24 hours to 9am EST Monday, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.

In the 7 hours since 9am EST Monday, Redbank Creek received 126mm, Toowoomba Airport 88mm and Mt Castle 80mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt and eastern parts of the Maranoa and Warrego districts.

Issued at 6:30 pm on Monday 10 January 2011

Synoptic Situation: At 6pm EST, an upper level low was located over the west of the Wide Bay and Burnett district. A surface trough was located off the east Queensland coast. The upper low is forecast to move southwest over the southern interior of Queensland while the surface trough remains slow moving.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt and eastern parts of the Maranoa and Warrego districts this evening. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract into the Southeast Coast and eastern parts of the Darling Downs and Granite Belt districts during Tuesday. These conditions should gradually ease later in the day.

Recent events: In the 24 hours to 9am EST Monday, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.

In the 7 hours since 9am EST Monday, Redbank Creek received 126mm, Toowoomba Airport 88mm and Mt Castle 80mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts.

Issued at 7:50 pm on Monday 10 January 2011

Synoptic Situation: At 7pm EST, an upper level low was located over the west of the Wide Bay and Burnett district. A surface trough was located off the east Queensland coast. The upper low is forecast to move southwest over the southern interior of Queensland while the surface trough remains slow moving.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts this evening and overnight. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract into the Southeast Coast and eastern parts of the Darling Downs and Granite Belt districts during Tuesday. These conditions should gradually ease later in the day.

Recent events: In the 24 hours to 9am EST Monday, Maleny received 321mm, West Bellthorpe 310 mm and Peachester 298 mm.

In the 7 hours since 9am EST Monday, Redbank Creek received 126mm, Toowoomba Airport 88mm and Mt Castle 80mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11pm Monday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts.

Issued at 11:00 pm on Monday 10 January 2011

Synoptic Situation: At 10pm EST, an upper level low was located over the far southeast of the Central Highlands and Coalfields district. The upper low is forecast to move southwest over the southern interior of Queensland while weakening during Tuesday.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts tonight. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract into the Southeast Coast and eastern parts of the Darling Downs and Granite Belt districts during Tuesday. These conditions should gradually ease later in the day.

Recent events: In the 1 hour to 11pm EST Monday, Monsildale and Mt Stanley [situated in northern parts of the Southeast Coast district] both received 58mm. In the 13 hours since 9am EST Monday, Redbank Creek received 132mm, Ballon 124mm and Mt Castle 103mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5am Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation

For people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts.

Issued at 5:05 am on Tuesday 11 January 2011

Synoptic Situation: At 4am EST, an upper level low was located over the Darling Downs and Granite Belt district. The upper low is forecast to move southwest over the southern interior of Queensland while weakening during the day.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts today. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

The heavy rain areas and thunderstorms are expected to contract to the south by late today, before gradually easing.

Recent events: Rainfall since 9am Monday Monsildale 160mm, Mt Stanley 135mm, and Redbank Creek 134mm.

Flood warnings are current for various rivers and streams in these districts; refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

Transmitters in the areas of the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST
SEVERE WEATHER WARNING

for heavy rainfall leading to localised flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 8:00 am on Tuesday 11 January 2011

Synoptic Situation: At 8am AEST, an upper level low was located over the Darling Downs and Granite Belt district and is forecast to move to the southwest and slowly weaken.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast and Darling Downs and Granite Belt today. Heavy falls will lead

to localised flash flooding and will worsen existing river flooding.

Currently, an intense slow moving band of rainfall extends from about Maroochydore to Warwick. Rainfall rates in this band are reaching 80 to 100 mm per hour.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The Severe Weather Warning for the southern parts of Wide Bay and Burnett and eastern Maranoa and Warrego and northwestern parts of Darling Downs and Granite Belt districts has been cancelled. However showers and thunderstorms will persist through the area and may produce heavy rainfall in these parts.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11am Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

Transmitters in the areas of the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 11:00 am on Tuesday 11 January 2011

Synoptic Situation: At 10am AEST, an upper level low was located over the southern Queensland interior and is forecast to move to the southwest and continue weakening. A surface trough lying over the Southeast Queensland Coast is expected to weaken overnight.

Heavy rain areas and local thunderstorms are expected to continue through the Southeast Coast and Darling Downs and Granite Belt today. Heavy falls will lead to flash flooding and will worsen existing river flooding.

Currently, an intense band of rainfall extends from about Tewantin to Warwick. Recent rainfall rates in this band have reached 80 to 100 mm per hour, particularly about the Brisbane and Lockyer Valleys. This rainfall band is expected to remain slow moving during the remainder of today.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 2pm AEST Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

Transmitters in the areas of the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 2:00 pm on Tuesday 11 January 2011

Synoptic Situation: At 2 pm AEST, a surface trough was lying over the Southeast Queensland Coast and is expected to weaken overnight.

Heavy rain areas and local thunderstorms are expected to continue through the Southeast Coast and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Heavy falls will lead to flash flooding and will worsen existing river flooding.

Currently the focus of the heaviest rainfall extends from about Maroochydore to Warwick, including the Brisbane and Lockyer Valleys and Ipswich area. Recent rainfall rates in this band have reached 60 to 80 mm per hour. This rainfall band is expected to remain slow moving during the remainder of today and gradually weaken overnight and during Wednesday morning.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 5 pm AEST Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032

Australian Government Bureau of Meteorology
Queensland

Transmitters in areas of the Southeast Coast district and the Darling Downs and Granite Belt district southeast of Dalby to Goondiwindi are REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE WEATHER WARNING

for heavy rainfall leading to flash flooding and worsening the existing river flood situation

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 5:00 pm on Tuesday 11 January 2011

Synoptic Situation: At 4 pm AEST, southeast Queensland was under the influence of a deep moist easterly airstream, with an upper trough located over the Darling Downs.

Heavy rain areas and local thunderstorms are expected to continue tonight through the Southeast Coast and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi. Heavy falls will lead to further localised flash flooding and will worsen existing river flooding.

The heavy rain areas are expected to gradually weaken overnight and during Wednesday morning.

Flood warnings are current for various rivers and streams in these districts. Please refer to these products [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- take care on the roads, especially in heavy downpours
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

The next warning is due to be issued by 11 pm AEST Tuesday.

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

IDQ20032
Australian Government Bureau of Meteorology
Queensland

Note: The Standard Emergency Warning Signal is no longer required.

TOP PRIORITY FOR IMMEDIATE BROADCAST
CANCELLATION - SEVERE WEATHER WARNING

For people in the Southeast Coast District and the Darling Downs and Granite Belt District southeast of Dalby to Goondiwindi.

Issued at 10:00 pm on Tuesday 11 January 2011

Synoptic Situation: At 10 pm AEST, southeast Queensland was under the influence of a deep moist east to northeast airstream. A weakening upper trough was moving south.

Heavy rain areas have eased during the past few hours and further flash flooding due to rainfall is no longer expected.

Note that an extremely serious river and stream flood situation still exists. Refer to flood warnings [www.bom.gov.au/qld] for further information.

The State Emergency Service advises that people in the affected area should:

- avoid driving, walking or riding through flood waters
- avoid swimming in swollen rivers and creeks

Contact the SES on 132 500 for emergency assistance if required.

No further warnings are expected to be issued for this event

This warning is also available through TV and Radio broadcasts; the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and State Emergency Service would appreciate this warning being broadcast regularly.

Severe Thunderstorm Warning - SE Qld 1

6 January 2011 to 19 January 2011

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the
SCENIC RIM Council Area.

Issued at 12:47 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 12:50 pm, severe thunderstorms were detected on weather radar near Mount Barney and the NSW border. These thunderstorms are slow moving. Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 1:50 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the
GOLD COAST CITY and
SCENIC RIM Council Areas.

Issued at 1:22 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 1:25 pm, severe thunderstorms were detected on weather radar near Mount Barney and Rathdowney.

These thunderstorms are moving towards the east.

They are forecast to affect Border Ranges National Park and the area south of Canungra by 1:55 pm and Numinbah Valley, Little Nerang Dam and Laravale by 2:25 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 2:20 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the
SCENIC RIM and parts of the
GOLD COAST CITY and
LOGAN CITY Council Areas.

Issued at 1:56 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 2:00 pm, severe thunderstorms were detected on weather radar near Boonah, the area between Boonah and Beaudesert and Laravale. These thunderstorms are slow moving. They are forecast to affect the McPherson Range and the area south of Canungra by 2:30 pm and Beaudesert, Springbrook and Numinbah Valley by 3:00 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 3:00 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the
LOGAN CITY and parts of the
GOLD COAST CITY,
IPSWICH CITY and
SCENIC RIM Council Areas.

Issued at 2:31 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 2:35 pm, severe thunderstorms were detected on weather radar near the area between Boonah and Beaudesert.

These thunderstorms are moving towards the northeast.

They are forecast to affect Jimboomba by 3:05 pm and Logan Village, Bundamba Lagoon and Greenbank by 3:35 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 3:30 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOGAN CITY and parts of the BRISBANE CITY, GOLD COAST CITY,
IPSWICH CITY and SCENIC RIM Council Areas.

Issued at 2:52 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 2:55 pm, very dangerous thunderstorms were detected on weather radar near the area between Boonah and Beaudesert and Peak Crossing.

These thunderstorms are slow moving.

Very dangerous thunderstorms are forecast to affect Tamborine, Jimboomba and Bundamba Lagoon by 3:25 pm and Greenbank, Redbank Plains and Amberley by 3:55 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 3:55 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOGAN CITY, IPSWICH CITY and parts of the BRISBANE CITY, GOLD COAST CITY, MORETON BAY, SOUTHERN DOWNS, SCENIC RIM, SOMERSET and REDLAND Council Areas.

Issued at 3:04 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 3:05 pm, very dangerous thunderstorms were detected on weather radar near Peak Crossing and Amberley.

These thunderstorms are moving towards the north to northeast.

Very dangerous thunderstorms are forecast to affect Ipswich and Bundamba Lagoon by 3:35 pm and Redbank Plains, Lake Manchester and Fernvale by 4:05 pm.

Other severe thunderstorms were located near Jimboomba.

They are forecast to affect Logan Village by 3:35 pm and Beenleigh, Logan City and Sunnybank Hills by 4:05 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 4:05 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the BRISBANE CITY and parts of the LOGAN CITY, MORETON BAY,
IPSWICH CITY, SOMERSET and REDLAND Council Areas.

Issued at 3:40 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 3:45 pm, severe thunderstorms were detected on weather radar near Ipswich and Upper Brookfield.

These thunderstorms are moving towards the north.

They are forecast to affect Brisbane CBD, Albany Creek and the D'Aguilar Ranges by 4:15 pm and Strathpine, Redcliffe and Mount Mee by 4:45 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Wind gust of 95km/hr was observed at Amberley

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 4:40 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the BRISBANE CITY and parts of the LOCKYER VALLEY, LOGAN CITY,
MORETON BAY, IPSWICH CITY, SOMERSET, TOOWOOMBA and REDLAND Council Areas.

Issued at 3:47 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 3:55 pm, severe thunderstorms were detected on weather radar near Toowoomba, Highfields and Sunnybank Hills.

These thunderstorms are moving towards the north to northeast.

They are forecast to affect Brisbane CBD, Logan City and the area north of Toowoomba by 4:25 pm and Cleveland, Albany Creek and Crows Nest by 4:55 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Wind gust of 95km/hr was observed at Amberley

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.

- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 4:50 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the MORETON BAY and parts of the BRISBANE CITY, LOCKYER VALLEY,
IPSWICH CITY, SOMERSET and TOOWOOMBA Council Areas.

Issued at 4:16 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 4:25 pm, severe thunderstorms were detected on weather radar near Brisbane CBD, the area south of Esk and Highvale.

These thunderstorms are moving towards the north to northeast.

They are forecast to affect Strathpine, Esk and Dayboro by 4:55 pm and Redcliffe, Caboolture and Wamuran by 5:25 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Wind gust of 95km/hr was observed at Amberley at 3:01pm
2cm hail reported at Gatton at 3:42pm

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 5:20 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the MORETON BAY and parts of the BRISBANE CITY, LOCKYER VALLEY,
SUNSHINE COAST, SOMERSET and TOOWOOMBA Council Areas.

Issued at 4:18 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 4:25 pm, severe thunderstorms were detected on weather radar near Brisbane CBD, the area south of Esk, the D'Aguilar Ranges and the area north of Toowoomba.

These thunderstorms are moving towards the north to northeast.

They are forecast to affect Strathpine, Esk and the area southwest of Esk by 4:55 pm and Redcliffe, Caboolture and the area northwest of Esk by 5:25 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Wind gust of 95km/hr was observed at Amberley at 3:01pm
2cm hail reported at Gatton at 3:42pm

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 5:20 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOCKYER VALLEY, MORETON BAY, IPSWICH CITY, SOMERSET and parts of the BRISBANE CITY, LOGAN CITY, SUNSHINE COAST, SCENIC RIM, SOUTH BURNETT and TOOWOOMBA Council Areas.

Issued at 4:41 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 4:40 pm, severe thunderstorms were detected on weather radar near Esk, the area south of Esk, Hampton and the area northwest of Cunninghams Gap. These thunderstorms are moving towards the north to northeast. They are forecast to affect the area southwest of Esk, the area west of Kilcoy and Lake Somerset by 5:10 pm and Ipswich, Kilcoy and the area northwest of Esk by 5:40 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Wind gust of 95km/hr was observed at Amberley at 3:01pm
2cm hail reported at Gatton at 3:42pm
3-4 cm hail reported at Bridgeman Downs

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 5:45 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the
MORETON BAY,
SUNSHINE COAST and
SOMERSET Council Areas.

Issued at 5:28 pm Tuesday, 18 January 2011.

The Bureau of Meteorology warns that, at 5:35 pm, severe thunderstorms were detected on weather radar near Kilcoy.

These thunderstorms are moving towards the north.

They are forecast to affect the area west of Kilcoy and Mount Kilcoy by 6:05 pm and the ranges south of Jimna and the area west of Conondale by 6:35 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Wind gust of 95km/hr was observed at Amberley at 3:01pm
2cm hail reported at Gatton at 3:42pm
3-4 cm hail reported at Bridgeman Downs

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 6:30 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the
SOUTHERN DOWNS and
TOOWOOMBA Council Areas.

Issued at 6:25 pm Tuesday, 18 January 2011.

Thunderstorms are moving towards the southeast.

They are forecast to affect the area west of Warwick by 6:55 pm and the area northwest of Warwick, the area north of Warwick and Allora by 7:25 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Wind gust of 95km/hr was observed at Amberley at 3:01pm
2cm hail reported at Gatton at 3:42pm
3-4 cm hail reported at Bridgeman Downs

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 7:25 pm.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

CANCELLATION SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND

Issued at 6:55 pm Tuesday, 18 January 2011.

Severe thunderstorms are no longer affecting the Southeast Queensland area [east of Dalby from Rainbow Beach to Stanthorpe].

The immediate threat of severe thunderstorms has passed, but the situation will continue to be monitored and further warnings will be issued if necessary.

Wind gust of 95km/hr was observed at Amberley at 3:01pm

2cm hail reported at Gatton at 3:42pm

3-4 cm hail reported at Bridgeman Downs

Emergency Management Queensland advises that people should:

- * Beware of fallen trees and powerlines.
- * Avoid driving, walking or riding through flood waters.
- * For emergency assistance contact the SES on 132 500.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology

Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the
SOUTHERN DOWNS Council Area.

Issued at 2:57 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 3:00 pm, severe thunderstorms were detected on weather radar near the area south of the NSW border. These thunderstorms are moving towards the northeast. They are forecast to affect Killarney by 4:00 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 4:00 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett and parts of the Central Highlands and Coalfields, Central West, Capricornia, Maranoa and Warrego, Darling Downs and Granite Belt and Southeast Coast districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

CANCELLATION SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND

Issued at 3:26 pm Wednesday, 19 January 2011.

Severe thunderstorms are no longer affecting the Southeast Queensland area [east of Dalby from Rainbow Beach to Stanthorpe].

The immediate threat of severe thunderstorms has passed, but the situation will continue to be monitored and further warnings will be issued if necessary.

Emergency Management Queensland advises that people should:

- * Beware of fallen trees and powerlines.
- * Avoid driving, walking or riding through flood waters.
- * For emergency assistance contact the SES on 132 500.

A more general severe thunderstorm warning remains current for the Wide Bay and Burnett and parts of the Central Highlands and Coalfields, Central West, Capricornia, Maranoa and Warrego, Darling Downs and Granite Belt and Southeast Coast districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the
TOOWOOMBA Council Area.

Issued at 3:38 pm Wednesday, 19 January 2011.

Thunderstorms are moving towards the southeast. They are forecast to affect Oakey by 4:05 pm and the area northwest of Toowoomba by 4:35 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 4:40 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett and parts of the Central Highlands and Coalfields, Central West, Capricornia, Maranoa and Warrego, Darling Downs and Granite Belt and Southeast Coast districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the LOCKYER VALLEY, IPSWICH CITY, SOUTHERN DOWNS, SCENIC RIM and TOOWOOMBA Council Areas.

Issued at 4:27 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 4:25 pm, severe thunderstorms were detected on weather radar near the area northwest of Toowoomba and Oakey.

They are forecast to affect Toowoomba and the area west of Toowoomba by 4:55 pm and the area south of Toowoomba, the area southwest of Toowoomba and Cambooya by 5:25 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

2cm hail was observed at Oakey

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 5:30 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Northern Tropical Coast and Tablelands, Central Highlands and Coalfields, Central West, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in parts of the GOLD COAST CITY, LOCKYER VALLEY, IPSWICH CITY,
SOUTHERN DOWNS, SCENIC RIM and TOOWOOMBA Council Areas.

Issued at 4:36 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 4:35 pm, severe thunderstorms were detected on weather radar near Little Nerang Dam, Tallebudgera and Numinbah Valley.

They are forecast to affect Coolangatta, the area northwest of Toowoomba and Mudgeeraba by 5:05 pm and Toowoomba, Maroon Dam and Miami by 5:35 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

2cm hail was observed at Oakey

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 5:35 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and

Burnett, Southeast Coast and parts of the Northern Tropical Coast and Tablelands, Central Highlands and Coalfields, Central West, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the SCENIC RIM and parts of the GOLD COAST CITY, LOCKYER VALLEY, IPSWICH CITY, SOUTHERN DOWNS and TOOWOOMBA Council Areas.

Issued at 4:47 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 4:50 pm, severe thunderstorms were detected on weather radar near Coolangatta, the area southwest of Toowoomba, Border Ranges National Park and the NSW border.

These thunderstorms are moving towards the east to northeast.

They are forecast to affect the area northwest of Toowoomba, Laravale and Miami by 5:20 pm and Toowoomba, the area south of Toowoomba and Highfields by 5:50 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

2cm hail was observed at Oakey

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 5:50 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Northern Tropical Coast and

Tablelands, Central Highlands and Coalfields, Central West, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the
LOCKYER VALLEY and parts of the
IPSWICH CITY,
SCENIC RIM and
SOMERSET Council Areas.

Issued at 5:25 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 5:30 pm, severe thunderstorms were detected on weather radar near the area northwest of Cunninghams Gap and the area south of Helidon. These thunderstorms are moving towards the northeast. They are forecast to affect Gatton, Mulgowie and Helidon by 6:00 pm and Boonah, Laidley and Hatton Vale by 6:30 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

2cm hail was observed at Oakey

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 6:25 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Northern Tropical Coast and Tablelands, Central Highlands and Coalfields, Central West, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOCKYER VALLEY, IPSWICH CITY, SCENIC RIM and parts of the
LOGAN CITY, SOMERSET and TOOWOOMBA Council Areas.

Issued at 5:54 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 5:55 pm, severe thunderstorms were detected on weather radar near Mulgowie, Helidon, Maroon Dam and Rosevale.

These thunderstorms are moving towards the northeast.

They are forecast to affect Boonah, Laidley and Gatton by 6:25 pm and Beaudesert, the area between Boonah and Beaudesert and Hampton by 6:55 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

2cm hail was observed at Oakey

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 6:55 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Central Highlands and Coalfields, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOCKYER VALLEY, IPSWICH CITY, SCENIC RIM and parts of the
LOGAN CITY, SOUTHERN DOWNS, SOMERSET and TOOWOOMBA Council Areas.

Issued at 6:12 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 6:15 pm, very dangerous thunderstorms
were detected on weather radar near Laidley and Gatton.

These thunderstorms are moving towards the northeast.

Very dangerous thunderstorms are forecast to affect Rosewood, Hatton Vale and
the area north of Gatton by 6:45 pm and Amberley, Marburg and Hampton by 7:15
pm.

Other severe thunderstorms were located near Boonah, the area between Boonah and
Beaudesert and the area southwest of Stanthorpe.

They are forecast to affect Beaudesert and Aratula by 6:45 pm and Rathdowney,
Cunninghams Gap and Canungra by 7:15 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are
likely.

2cm hail was observed at Oakey

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 7:15 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and
Burnett, Southeast Coast and parts of the Central Highlands and Coalfields,
Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's
website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency
Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOCKYER VALLEY, IPSWICH CITY, SCENIC RIM and parts of the
LOGAN CITY, SOUTHERN DOWNS, SOMERSET and TOOWOOMBA Council Areas.

Issued at 6:15 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 6:15 pm, very dangerous thunderstorms with intense rainfall were detected on weather radar near Laidley and Gatton. These thunderstorms are moving towards the northeast. Very dangerous thunderstorms are forecast to affect Rosewood, Hatton Vale and the area north of Gatton by 6:45 pm and Amberley, Marburg and Hampton by 7:15 pm.

Other severe thunderstorms were located near Boonah, the area between Boonah and Beaudesert and the area southwest of Stanthorpe. They are forecast to affect Beaudesert and Aratula by 6:45 pm and Rathdowney and Canungra by 7:15 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

2cm hail was observed at Oakey

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 7:15 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Central Highlands and Coalfields, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES

For people in the LOCKYER VALLEY, IPSWICH CITY, SCENIC RIM and parts of the LOGAN CITY, SOUTHERN DOWNS, SOMERSET and TOOWOOMBA Council Areas.

Issued at 6:20 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 6:15 pm, a very dangerous thunderstorm with intense rainfall was detected on weather radar near Laidley and Gatton. This thunderstorm is moving towards the northeast. This very dangerous thunderstorm is forecast to affect Rosewood, Hatton Vale and the area north of Gatton by 6:45 pm and Amberley, Marburg and Hampton by 7:15 pm.

Other severe thunderstorms were located near Boonah, the area between Boonah and Beaudesert and the area southwest of Stanthorpe. They are forecast to affect Beaudesert and Aratula by 6:45 pm and Rathdowney and Canungra by 7:15 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Rainfall rates of 60mm/hr and 40mm/30 min have been observed near Tenthill [southwest of Gatton]

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 7:15 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Central Highlands and Coalfields, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOGAN CITY, IPSWICH CITY and parts of the BRISBANE CITY, GOLD COAST CITY, LOCKYER VALLEY, SCENIC RIM, SOMERSET and REDLAND Council Areas.

Issued at 7:07 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 7:05 pm, very dangerous thunderstorm with intense rainfall was detected on weather radar near Amberley, Rosewood, Hatton Vale, Marburg and Harrisville. This thunderstorm is moving towards the

northeast. This thunderstorm is forecast to affect Ipswich, Redbank Plains, Lowood and Fernvale by 7:35 pm and Beenleigh, Logan City, Enoggera Reservoir and Mount Nebo by 8:05 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Rainfall rates of 52mm in 30 minutes has been observed at Romani, SSE of Ipswich.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 8:05 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Central Highlands and Coalfields, Capricornia, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND, FLASH FLOODING and LARGE HAILSTONES
For people in the LOGAN CITY, IPSWICH CITY and parts of the BRISBANE CITY,
LOCKYER VALLEY, MORETON BAY, SCENIC RIM and SOMERSET Council Areas.

Issued at 7:25 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 7:05 pm, very dangerous thunderstorms were detected on weather radar near Ipswich, Amberley, Rosewood and Marburg.

These thunderstorms are moving towards the north.

Very dangerous thunderstorms are forecast to affect Wacol, Lake Manchester, Lowood and Fernvale by 7:35 pm and Logan City, the area south of Esk, southern Lake Wivenhoe and the D'Aguilar Ranges by 8:05 pm.

Damaging winds, very heavy rainfall, flash flooding and large hailstones are likely.

Rainfall rates of 52mm in 30 minutes has been observed at Romani, SSE of Ipswich.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 8:25 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Central Highlands and Coalfields, Maranoa and Warrego and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND and FLASH FLOODING
For people in the
BRISBANE CITY,
MORETON BAY and parts of the
IPSWICH CITY and
SOMERSET Council Areas.

Issued at 8:03 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 8:05 pm, severe thunderstorms were detected on weather radar near Enoggera Reservoir, Mount Nebo, Highvale, Samford and Wacol.

These thunderstorms are moving towards the north to northeast.

They are forecast to affect Albany Creek, the D'Aguilar Ranges, Lake Samsonvale and Dayboro by 8:35 pm and Brisbane CBD, Strathpine, Burpengary and Mount Mee by 9:05 pm.

Damaging winds, very heavy rainfall and flash flooding are likely.

Rainfall rates of 52mm in 30 minutes has been observed at Romani, SSE of Ipswich.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 9:05 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038
Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND
for DAMAGING WIND and FLASH FLOODING
For people in the
MORETON BAY and parts of the
BRISBANE CITY,
SUNSHINE COAST and
SOMERSET Council Areas.

Issued at 8:35 pm Wednesday, 19 January 2011.

The Bureau of Meteorology warns that, at 8:35 pm, a severe thunderstorm is detected on weather radar near Strathpine, Kallangur, Narangba and Dayboro. This thunderstorm is moving towards the northeast. This thunderstorm is forecast to affect Redcliffe, Caboolture, Mount Mee and Wamuran by 9:05 pm and Deception Bay waters, Bribie Island, Beerburum and Woodford by 9:35 pm.

Damaging winds, very heavy rainfall and flash flooding are likely.

Emergency Management Queensland advises that people should:

- * Move your car under cover or away from trees.
- * Secure loose outdoor items.
- * Avoid driving, walking or riding through flood waters.
- * Seek shelter, preferably indoors and never under trees.
- * Avoid using the telephone during a thunderstorm.
- * Beware of fallen trees and powerlines.
- * For emergency assistance contact the SES on 132 500.

The next warning is due to be issued by 9:35 pm.

A more general severe thunderstorm warning is also current for the Wide Bay and Burnett, Southeast Coast and parts of the Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

IDQ20038

Bureau of Meteorology
Queensland Regional Office

TOP PRIORITY FOR IMMEDIATE BROADCAST

CANCELLATION SEVERE THUNDERSTORM WARNING - SOUTHEAST QUEENSLAND

Issued at 9:12 pm Wednesday, 19 January 2011.

Severe thunderstorms are no longer affecting the Southeast Queensland area [east of Dalby from Rainbow Beach to Stanthorpe].

The immediate threat of severe thunderstorms has passed, but the situation will continue to be monitored and further warnings will be issued if necessary.

Emergency Management Queensland advises that people should:

- * Beware of fallen trees and powerlines.
- * Avoid driving, walking or riding through flood waters.
- * For emergency assistance contact the SES on 132 500.

A more general severe thunderstorm warning remains current for the Wide Bay and Burnett, Southeast Coast and parts of the Central Highlands and Coalfields, Capricornia and Darling Downs and Granite Belt districts.

Warnings are also available through TV and Radio broadcasts, the Bureau's website at www.bom.gov.au or call 1300 659 219. The Bureau and Emergency Management Queensland would appreciate warnings being broadcast regularly.

FLDWARNS Coastal Rs Maryborough south

6 January 2011 to 19 January 2011

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER
Issued at 2:48 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall is being recorded in a rainband that stretches from Gympie to the northern suburbs of Brisbane and inland to Dalby. Totals of up to 25 to 50 millimetres have been recorded in the last hour within this rainband with the heaviest rainfall currently in the upper reaches of the Caboolture River and Kilcoy Creek.

This rainband is expected to move south during this afternoon and during Sunday night. Fast rises and flash flooding are possible during tonight in the Caboolture and Pine River catchments and in the Brisbane Metropolitan creeks.

A flood warning is current for the Mary River, Sunshine Coast Streams, Upper Brisbane and Lower Brisbane Rivers.

The heaviest rainfall during the 6 hours to 3pm Sunday includes Wamuran 94mm, Mt Mee 99mm and Maleny 92mm.

Next Issue:

The next warning will be issued at about 7pm.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER
Issued at 7:05 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

A rainband stretches from Gympie to the northern suburbs of Brisbane and inland to Dalby. Rainfall totals of up to 180 millimetres have been recorded in the Sunshine Coast region in the six hours to 7pm. The heaviest rainfall in the past two hours has been in the Killcoy, Stanley and Upper Mary catchments, with

totals up to 60 millimetres recorded. The rainband is expected to move south during Sunday night.

Fast river rises have occurred in the Caboolture River resulting in minor flooding at Caboolture. Further rises in the Caboolture River and Pine River catchments are expected overnight Sunday.

Fast river rises have occurred in Woogaroo Creek resulting in moderate flooding at Opossum. Further flooding is possible in the Brisbane and Ipswich metropolitan creeks overnight Sunday.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers.

Next Issue:

The next warning will be issued at about 11pm.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER
Issued at 11:02 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

A rainband stretches from Gympie to the northern suburbs of Brisbane and inland to Dalby. Rainfall totals of up to 260 millimetres have been recorded in the Sunshine Coast region since 9am Sunday. Rainfall has generally eased in the past two hours, however, further heavy rainfall is expected overnight and during Monday.

Minor flood levels are easing in the Caboolture River at Caboolture. Renewed rises are still possible in the Caboolture and Pine River catchments during Monday.

Minor flooding is easing in Woogaroo Creek at Opossum. Heavy rainfall and flash flooding are possible in the Brisbane and Ipswich metropolitan creeks during Monday.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.

Next Issue:

The next warning will be issued at about 9am Monday or earlier if needed.

Latest River Heights:
nil.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR COASTAL STREAMS FROM MARYBOROUGH TO THE NSW BORDER
Issued at 9:19 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

A rainband stretches from Maroochydore to the Beenleigh area and inland to Stanthorpe. Rainfall totals of between 150-250mm and up to 320mm have been recorded in the Sunshine Coast region in the past 24 hours. Rainfall in the past six hours has been between 25-50mm across the Sunshine Coast Rivers and streams and in the lower Brisbane River and tributary creeks.

Further rainfall is expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district.

Minor flood levels are occurring in:

- North Pine River at Youngs Crossing
- Enoggera Creek between Enoggera Dam and Kelvin Grove
- Woogaroo Creek at Opossum
- Oxley Creek at Archerfield
- Upper Logan River at Diekman's Bridge and in the Rathdowney area.

Further rises and flash flooding are likely in the creeks and streams around Brisbane and Ipswich associated with the heaviest rainfall.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.

Next Issue:

The next warning will be issued at about 4:30pm Monday.

Latest River Heights:
nil.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

Broadcasters are directed to use the SEWS for this warning.

TOP PRIORITY

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 5:00 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfalls have been recorded in the Toowoomba area and caused extreme flash flooding. This rainfall is also causing extreme rises in the upper Lockyer Creek at Helidon with very fast and dangerous rises possible downstream at Gatton in the next few hours. Rises will extend downstream of Gatton during tonight.

Heavy rain areas and thunderstorms are expected to continue through the Southeast Coast district, far southern parts of the Wide Bay and Burnett District and eastern parts of the Darling Downs and Granite Belt district. Heavy falls may lead to localised flash flooding and/or worsen existing river flooding.

Further rises and flash flooding are likely in the creeks and streams around Brisbane and Ipswich associated with the heaviest rainfall.

Flood warnings are current for the Mary River, Sunshine Coast streams and the Upper Brisbane and Lower Brisbane rivers. A severe weather warning is also current for this region.

Next Issue:

The next warning will be issued at about 8:30pm Monday.

Latest River Heights:

nil.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

Broadcasters in the Lockyer Valley area are directed to use the SEWS for this warning.

TOP PRIORITY

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 8:37 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfalls have been recorded in the Toowoomba, Crows Nest and Gatton area and have caused extreme rises in the upper Lockyer Creek between Helidon and Gatton with the peak currently arriving in the Glenore Grove area.

Record flood levels of 18.92 metres were recorded at Gatton this evening before the station failed. This level is well above the previous record peak of 16.33 metres from the February 1893 flood.

Very fast and dangerous rises are occurring downstream of Gatton to Glenore Grove and will extend downstream to Lyons Bridge and O'Reilly Weir during Monday night and Tuesday morning.

Contact the SES on 132 500 for emergency assistance if required.

Next Issue:

The next warning will be issued at about midnight Monday.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

TOP PRIORITY

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 12:19 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton this evening before the station failed. This level is well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently around Glenore Grove, with strong stream rises at Lyons Bridge expected in the next few hours. The Lockyer Creek at Glenore Grove has reached 14.60 metres at 11:30pm. A peak in the next few hours is expected, with flood levels in excess of 15 metres possible.

Renewed stream rises have commenced at the Lockyer River at Lyons Bridge with a peak between 16 and 16.5 metres expected early Tuesday morning.

Contact the SES on 132 500 for emergency assistance if required.

Next Issue:

The next warning will be issued at about 4am Tuesday.

Latest River Heights:
nil.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 4:10 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

Contact the SES on 132 500 for emergency assistance if required.

Next Issue:

The next warning will be issued at about noon Tuesday.

Latest River Heights:
nil.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612+BOM613+BOM614+BOM615+BOM617+BOM618

IDQ20780

Australian Government Bureau of Meteorology
Queensland

FINAL FLASH FLOOD WARNING FOR LOCKYER CREEK

Issued at 7:27 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Moderate to major flooding continues along Lockyer Creek during Tuesday morning, where the main flood waters are currently arriving at Lyons Bridge.

A flood warning is current for the Lockyer, Bremer, Warrill and Brisbane River below Wivenhoe including Brisbane City.

A Severe Weather Warning for heavy rainfall and localised flash flooding is also current.

Weather Forecast:

Rain periods with possible thunder. Rain gradually easing later in the day.

Next Issue:

This is the final warning. River Height Bulletins will continue to be issued.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

FLDWARN for the Mary River basin

6 January 2011 to 19 January 2011

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 5:19 PM on Thursday the 6th of January 2011
by the Bureau of Meteorology, Brisbane.

Widespread rainfall totals of between 30-50mm have been recorded since 9am Thursday across the upper Mary catchment. River rises are occurring along the Mary River with minor flooding expected to develop during this evening.

Recent heavy rainfall of 72mm has been recorded at Gympie during the previous 3 hours to 5pm causing minor flood levels. The heavy rainfall continues to fall across the catchment, and higher flood levels and moderate flooding are possible overnight.

At 5:10pm Thursday, the river level in the Mary River at Gympie was 6.14 metres and rising with minor flooding.

Weather Forecast:

Rain areas and isolated thunderstorms with possible moderate to heavy falls, contracting east.

Next Issue:

The next warning will be issued at about 8:30pm Thursday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.41m steady	03:00 PM THU 06/01/11
Obi Obi Ck at Baroon Dam #	0.21m steady	04:59 PM THU 06/01/11
Obi Obi Ck st Baroon TW #	0.54m steady	05:08 PM THU 06/01/11
Mary R at Bellbird Ck #	1.68m rising	04:52 PM THU 06/01/11
Mary R at Kenilworth H/S #	0.97m rising	05:10 PM THU 06/01/11
Mary R at Moy Pocket #	2.75m rising	04:30 PM THU 06/01/11
Yabba Ck at Borumba Dam HW *	0.32m rising	02:45 PM THU 06/01/11
Kandanga Ck at Hygait *	2.24m rising	04:30 PM THU 06/01/11
Amamoor Ck at Zachariah *	3.07m rising	04:30 PM THU 06/01/11
Mary R at Dagun Pocket *	3.64m rising	02:15 PM THU 06/01/11
Six Mile Ck at Lake MacDonald Dr#	1.5m rising	05:06 PM THU 06/01/11
Six Mile Ck at Cooran #	3.37m rising	05:09 PM THU 06/01/11
Deep Ck at Cedar Pocket Dam #	101.39m rising	05:10 PM THU 06/01/11
Mary R at Gympie #	6.14m rising	05:12 PM THU 06/01/11
Mary R at Fishermans Pocket *	7.36m rising	04:30 PM THU 06/01/11
Glastonbury Ck at Glastonbury *	3m rising	04:00 PM THU 06/01/11
Wide Bay Ck at Kilkivan *	1.28m steady	02:27 PM THU 06/01/11
Wide Bay Ck at Brooyar *	4.66m rising	04:26 PM THU 06/01/11
Mary R at Miva *	7.67m rising	04:30 PM THU 06/01/11
Munna Ck at Marodian *	3.99m rising	04:30 PM THU 06/01/11
Mary R at Home Park *	6.57m rising	04:27 PM THU 06/01/11
Mary R at Tiaro	NA	
Mary R at The Barrage *	4.7m rising	04:10 PM THU 06/01/11
Tinana Ck at Tagigan Rd *	2.94m rising	04:30 PM THU 06/01/11

Tinana Ck at Teddington Weir *	9.27m rising	02:59 PM THU 06/01/11
Mary R at Churchill St *	2.37m falling	02:41 PM THU 06/01/11
Bunya Ck at Booral Rd #	-0.2m steady	04:30 PM THU 06/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m steady	02:32 PM THU 06/01/11
Urangan Boat Harbour tide *	1.18m falling	04:50 PM THU 06/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 8:31 PM on Thursday the 6th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall has eased during Thursday evening with totals of less than 5mm recorded in the 3 hours to 8:30pm. Heavy rain areas are forecast to contract into eastern parts of the Wide Bay and Burnett district on Friday.

River level rises causing minor flooding are occurring between Gympie and the Home Park area. Further rises causing moderate flooding is likely between Miva and Home Park during Friday. At 7:52pm Thursday, the Mary River level at Gympie was 7.34 metres and rising causing minor flooding.

Weather Forecast:

Rain areas and isolated thunderstorms with possible moderate to heavy falls, contracting east.

Next Issue:

The next warning will be issued at about 9am Friday or earlier if necessary.

Latest River Heights:

Obi Obi Ck at Baroon Dam #	-1m rising	07:55 PM THU 06/01/11
Obi Obi Ck st Baroon TW #	0.63m steady	07:33 PM THU 06/01/11
Mary R at Bellbird Ck #	2.28m rising	07:49 PM THU 06/01/11
Mary R at Kenilworth H/S #	1.47m rising	07:54 PM THU 06/01/11
Mary R at Moy Pocket #	3.25m rising	07:45 PM THU 06/01/11
Yabba Ck at Borumba Dam HW *	0.43m rising	05:30 PM THU 06/01/11
Kandanga Ck at Hygait *	2.69m rising	06:00 PM THU 06/01/11
Amamoor Ck at Zachariah *	3.42m rising	06:00 PM THU 06/01/11
Mary R at Dagun Pocket *	4.12m rising	05:30 PM THU 06/01/11
Six Mile Ck at Lake MacDonald Dr#	2.2m rising	07:52 PM THU 06/01/11
Six Mile Ck at Cooran #	4.37m rising	07:56 PM THU 06/01/11
Deep Ck at Cedar Pocket Dam #	101.54m steady	07:54 PM THU 06/01/11
Mary R at Gympie #	7.34m rising	07:52 PM THU 06/01/11
Mary R at Fishermans Pocket *	9.19m rising	06:30 PM THU 06/01/11
Glastonbury Ck at Glastonbury *	5.13m rising	06:00 PM THU 06/01/11
Wide Bay Ck at Kilkivan *	1.59m rising	05:00 PM THU 06/01/11
Wide Bay Ck at Brooyar *	4.6m steady	06:00 PM THU 06/01/11

Mary R at Miva *	8.61m rising	06:30 PM THU 06/01/11
Munna Ck at Marodian *	5.53m rising	06:20 PM THU 06/01/11
Mary R at Home Park *	6.95m rising	06:10 PM THU 06/01/11
Mary R at The Barrage *	4.98m rising	07:10 PM THU 06/01/11
Tinana Ck at Tagigan Rd *	4.45m rising	06:30 PM THU 06/01/11
Tinana Ck at Teddington Weir *	9.59m rising	05:52 PM THU 06/01/11
Mary R at Churchill St *	1.32m falling	05:41 PM THU 06/01/11
Bunya Ck at Booral Rd #	-0.2m steady	07:30 PM THU 06/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m steady	05:32 PM THU 06/01/11
Urangan Boat Harbour tide *	1.9m rising	06:50 PM THU 06/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 8:43 AM on Friday the 7th of January 2011
 by the Bureau of Meteorology, Brisbane.

30mm of rainfall has fallen over the Six Mile Creek area in the past 3 hours
 causing further small rises at Cooran.

Minor to moderate flooding is occurring on the Mary River between Dagun Pocket
 and Tiaro.

Further rises and minor to moderate flooding is expected to continue on the Mary
 River between Dagun Pocket and Tiaro during Friday and Saturday. At 8am Friday,
 the Mary River at Gympie was 9.39 metres and rising.

Moderate to heavy rainfall is forecast for the catchment Friday which could
 cause river levels to rise further.

Maryborough is currently expected to remain below the minor flood level but
 further rainfall during Friday may cause higher river levels.

Weather Forecast:

Rain areas and local thunder with some moderate to heavy falls developing during
 the day.

Next Issue:

The next warning will be issued at about 2pm Friday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.48m steady	06:00 AM FRI 07/01/11
Obi Obi Ck st Baroon TW #	0.68m steady	06:18 AM FRI 07/01/11

Mary R at Bellbird Ck #	1.88m falling	07:24 AM FRI 07/01/11
Mary R at Kenilworth H/S #	1.37m falling	06:49 AM FRI 07/01/11
Mary R at Moy Pocket #	5.15m falling	07:37 AM FRI 07/01/11
Yabba Ck at Borumba Dam HW *	0.87m falling	05:15 AM FRI 07/01/11
Kandanga Ck at Hygait *	2.75m falling	06:10 AM FRI 07/01/11
Amamoor Ck at Zachariah *	2.7m falling	06:11 AM FRI 07/01/11
Mary R at Dagun Pocket *	8.17m rising	05:45 AM FRI 07/01/11
Six Mile Ck at Lake MacDonald Dr#	2.95m falling	07:12 AM FRI 07/01/11
Six Mile Ck at Cooran #	5.47m rising	07:42 AM FRI 07/01/11
Deep Ck at Cedar Pocket Dam #	101.26m steady	07:50 AM FRI 07/01/11
Mary R at Gympie #	9.34m rising	06:46 AM FRI 07/01/11
Mary R at Fishermans Pocket *	10.77m steady	06:06 AM FRI 07/01/11
Glastonbury Ck at Glastonbury *	1.96m falling	06:00 AM FRI 07/01/11
Wide Bay Ck at Kilkivan *	1.43m falling	05:17 AM FRI 07/01/11
Wide Bay Ck at Brooyar *	5.1m falling	06:00 AM FRI 07/01/11
Mary R at Miva *	11.55m steady	06:00 AM FRI 07/01/11
Munna Ck at Marodian *	5.48m falling	06:20 AM FRI 07/01/11
Mary R at Home Park *	8.32m rising	11:40 PM THU 06/01/11
Mary R at The Barrage *	6m rising	06:55 AM FRI 07/01/11
Tinana Ck at Tagigan Rd *	4.94m falling	06:00 AM FRI 07/01/11
Tinana Ck at Teddington Weir *	9.94m rising	05:52 AM FRI 07/01/11
Tinana Ck at Tinana Barrage *	3.66m steady	06:00 AM FRI 07/01/11
Mary R at Churchill St *	2.19m falling	05:41 AM FRI 07/01/11
Urangan Boat Harbour tide *	2.13m rising	06:50 AM FRI 07/01/11

*, # denote automatic station.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 2:25 PM on Friday the 7th of January 2011
 by the Bureau of Meteorology, Brisbane.

Rainfall between 25 - 50 mm with isolated falls of 60 - 80 mm have been recorded
 over Six Mile Creek and the Mary River upstream from Gympie since 9am Friday.
 This has caused further rises and minor to moderate flooding along the Mary
 River from Dagun Pocket to Tiaro.

Minor flooding is occurring on the Mary River between Dagun Pocket and
 Fisherman's Pocket including Gympie with at least moderate flood levels expected
 to develop between Gympie and Fisherman's Pocket overnight Friday. At 2pm Friday
 the Mary River at Gympie was 9.79 metres and rising.

Moderate flooding extends downstream between Miva and Tiaro. Renewed rises
 during Saturday will maintain moderate flood levels.

Further rainfall with some moderate to heavy falls is expected over the
 catchment area Friday afternoon and evening which could cause river levels to

rise further.

Maryborough is currently expected to remain below the minor flood level but further rainfall is expected and the situation will continue to be monitored.

Predicted River Heights/Flows:

Gympie: Reach at least 12 metres overnight Friday with further rises as rainfall continues.

Next Issue:

The next warning will be issued at about 2pm Friday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.46m steady	12:00 PM FRI 07/01/11
Obi Obi Ck st Baroon TW #	0.77m steady	12:58 PM FRI 07/01/11
Mary R at Bellbird Ck #	2.28m rising	01:25 PM FRI 07/01/11
Mary R at Kenilworth H/S #	1.67m rising	01:20 PM FRI 07/01/11
Mary R at Moy Pocket #	5.1m rising	01:26 PM FRI 07/01/11
Mary R at Moy Pocket *	4.87m rising	12:31 PM FRI 07/01/11
Yabba Ck at Borumba Dam HW *	0.72m steady	11:00 AM FRI 07/01/11
Kandanga Ck at Hygait *	2.87m rising	12:30 PM FRI 07/01/11
Amamoor Ck at Zachariah *	3.31m steady	12:28 PM FRI 07/01/11
Mary R at Dagun Pocket *	9.33m rising	11:45 AM FRI 07/01/11
Six Mile Ck at Lake MacDonald Dr#	3.7m rising	01:22 PM FRI 07/01/11
Six Mile Ck at Cooran #	6.42m steady	01:28 PM FRI 07/01/11
Deep Ck at Cedar Pocket Dam #	101.3m steady	01:20 PM FRI 07/01/11
Mary R at Gympie #	9.69m rising	01:25 PM FRI 07/01/11
Mary R at Fishermans Pocket *	10.94m steady	12:02 PM FRI 07/01/11
Glastonbury Ck at Glastonbury *	1.79m rising	12:00 PM FRI 07/01/11
Wide Bay Ck at Kilkivan *	1.23m falling	11:00 AM FRI 07/01/11
Wide Bay Ck at Brooyar *	4.53m falling	12:00 PM FRI 07/01/11
Mary R at Miva *	11.86m falling	12:20 PM FRI 07/01/11
Munna Ck at Marodian *	5.32m steady	12:02 PM FRI 07/01/11
Mary R at Home Park *	10.26m rising	11:50 AM FRI 07/01/11
Mary R at The Barrage *	6.16m steady	12:00 PM FRI 07/01/11
Tinana Ck at Tagigan Rd *	4.42m falling	12:00 PM FRI 07/01/11
Tinana Ck at Bauple East *	7.14m rising	12:00 PM FRI 07/01/11
Tinana Ck at Teddington Weir *	9.92m falling	11:57 AM FRI 07/01/11
Tinana Ck at Tinana Barrage *	3.66m steady	06:00 AM FRI 07/01/11
Mary R at Churchill St *	3.88m rising	11:41 AM FRI 07/01/11
Urangan Boat Harbour tide *	3.13m falling	12:50 PM FRI 07/01/11

*, # denotes automatic station.

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 2:28 PM on Friday the 7th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall between 25 - 50 mm with isolated falls of 60 - 80 mm have been recorded over Six Mile Creek and the Mary River upstream from Gympie since 9am Friday. This has caused further rises and minor to moderate flooding along the Mary River from Dagun Pocket to Tiaro.

Minor flooding is occurring on the Mary River between Dagun Pocket and Fisherman's Pocket including Gympie with at least moderate flood levels expected to develop between Gympie and Fisherman's Pocket overnight Friday. At 2pm Friday the Mary River at Gympie was 9.79 metres and rising.

Moderate flooding extends downstream between Miva and Tiaro. Renewed rises during Saturday will maintain moderate flood levels.

Further rainfall with some moderate to heavy falls is expected over the catchment area Friday afternoon and evening which could cause river levels to rise further.

Maryborough is currently expected to remain below the minor flood level but further rainfall is expected and the situation will continue to be monitored.

Predicted River Heights/Flows:

Gympie: Reach at least 12 metres overnight Friday with further rises as rainfall continues.

Next Issue:

The next warning will be issued at about 7pm Friday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.48m rising	01:00 PM FRI 07/01/11
Obi Obi Ck at Baroon Dam #	-0.4m rising	05:20 AM FRI 07/01/11
Obi Obi Ck st Baroon TW #	0.83m rising	02:23 PM FRI 07/01/11
Mary R at Bellbird Ck #	2.68m rising	02:25 PM FRI 07/01/11
Mary R at Bellbird Ck *	2.33m rising	01:30 PM FRI 07/01/11
Mary R at Kenilworth Br	NA	
Mary R at Kenilworth H/S #	2.02m rising	02:23 PM FRI 07/01/11
Mary R at Moy Pocket #	5.25m rising	02:24 PM FRI 07/01/11
Mary R at Moy Pocket *	5.09m falling	01:31 PM FRI 07/01/11
Yabba Ck at Borumba Dam HW *	0.72m steady	11:00 AM FRI 07/01/11
Yabba Ck at Borumba Dam	NA	
Yabba Ck at Imbil	NA	
Yabba Ck at Imbil *	NA	
Kandanga Ck at Hygait *	3.19m rising	01:20 PM FRI 07/01/11
Amamoor Ck at Zachariah *	3.74m rising	01:20 PM FRI 07/01/11
Mary R at Dagun Pocket *	9.33m rising	11:45 AM FRI 07/01/11
Six Mile Ck at Lake MacDonald Dam #	NA	
Six Mile Ck at Lake MacDonald Dr#	3.95m rising	02:26 PM FRI 07/01/11
Six Mile Ck at Cooran	NA	
Six Mile Ck at Cooran *	6.46m steady	01:19 PM FRI 07/01/11
Six Mile Ck at Cooran #	6.62m rising	02:17 PM FRI 07/01/11
Deep Ck at Cedar Pocket Dam #	101.48m rising	02:20 PM FRI 07/01/11
Mary R at Gympie Weir *	10.41m rising	02:15 PM FRI 07/01/11
Mary R at Gympie	NA	
Mary R at Gympie #	9.89m rising	02:21 PM FRI 07/01/11
Mary R at Fishermans Pocket *	11.02m steady	01:13 PM FRI 07/01/11
Glastonbury Ck at Glastonbury *	1.79m rising	12:00 PM FRI 07/01/11
Wide Bay Ck at Kilkivan *	1.23m falling	11:00 AM FRI 07/01/11

Wide Bay Ck at Woollooga	NA	
Wide Bay Ck at Brooyar *	4.31m falling	01:07 PM FRI 07/01/11
Mary R at Miva	NA	
Mary R at Miva *	11.86m steady	01:00 PM FRI 07/01/11
Munna Ck at Marodian *	5.36m rising	01:00 PM FRI 07/01/11
Mary R at Home Park *	10.3m rising	01:12 PM FRI 07/01/11
Mary R at Tiaro	NA	
Mary R at The Barrage *	6.17m rising	12:35 PM FRI 07/01/11
Tinana Ck at Tagigan Rd *	4.35m falling	01:00 PM FRI 07/01/11
Tinana Ck at Bauple East *	7.27m rising	01:00 PM FRI 07/01/11
Tinana Ck at Teddington Weir HW	NA	
Tinana Ck at Teddington Weir *	9.92m falling	11:57 AM FRI 07/01/11
Tinana Ck at Tinana Barrage *	3.66m steady	06:00 AM FRI 07/01/11
Mary R at Maryborough	NA	
Mary R at Churchill St *	3.88m rising	11:41 AM FRI 07/01/11
Bunya Ck at Booral Rd #	-0.05m rising	02:25 PM FRI 07/01/11
Black Swamp Ck at Maryborough Rd #	-2.4m steady	11:32 AM FRI 07/01/11
Urangan Boat Harbour tide *	3.13m falling	12:50 PM FRI 07/01/11

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 7:12 PM on Friday the 7th of January 2011
by the Bureau of Meteorology, Brisbane.

The rainfall has eased across the upper Mary catchment during Friday afternoon, however moderate to heavy rainfall is continuing in the lower Mary catchment below the Gympie area. Fast river rises and minor to moderate flooding is occurring along the Mary River during Friday evening, which is expected to cause moderate flooding overnight downstream from Dagon Pocket through to Tiaro. Minor flooding also continues to rise along Six Mile Creek.

Maryborough is currently expected to remain below the minor flood level.

Minor flooding continues along Six Mile Creek between Lake Macdonald and Cooran. Minor flooding also continues along the upper Mary River between Bellbird and Fisherman's Pocket including Gympie, with river rises occurring downstream from Bellbird. At least moderate flood levels are expected to develop between Gympie and Fisherman's Pocket overnight Friday and remain high during Saturday.

At 6:20pm Friday, the river level in the Mary River at Gympie was 11.04 metres and rising fast with minor flooding. Further rises are expected to exceed 12 metres (moderate flood level) overnight Friday.

Moderate flooding continues downstream along the lower Mary River between Miva and Tiaro, with fast rises occurring with the heavy rainfall during Friday

afternoon and evening. River level rises overnight are expected to maintain high moderate flood levels during Saturday.

River levels downstream at Maryborough are currently expected to remain below the minor flood level.

Further rainfall with some moderate to heavy falls are expected to continue over the catchment area overnight Friday which could raise river levels to higher levels. The situation will continue to be monitored.

Predicted River Heights/Flows:

Gympie Reach at least 12 metres (moderate flood level) overnight Friday, with further rises and 13 metres possible as the heavy rainfall remains in the catchment.

Weather Forecast:

Rain areas and local thunder at times with some moderate to heavy falls possible.

Next Issue:

The next warning will be issued at about 10:30pm Friday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.59m rising	05:00 PM FRI 07/01/11
Obi Obi Ck at Baroon Dam #	-0.4m rising	05:20 AM FRI 07/01/11
Mary R at Bellbird Ck #	4.53m rising	06:59 PM FRI 07/01/11
Mary R at Kenilworth H/S #	5.57m falling	07:03 PM FRI 07/01/11
Mary R at Moy Pocket #	7.5m rising	07:01 PM FRI 07/01/11
Mary R at Moy Pocket *	6.65m rising	05:50 PM FRI 07/01/11
Yabba Ck at Borumba Dam HW *	1.61m rising	05:30 PM FRI 07/01/11
Kandanga Ck at Hygait *	4.37m rising	05:50 PM FRI 07/01/11
Amamoor Ck at Zachariah *	5.67m rising	05:30 PM FRI 07/01/11
Mary R at Dagun Pocket *	10.49m rising	05:30 PM FRI 07/01/11
Six Mile Ck at Lake MacDonald Dr#	4.8m rising	06:58 PM FRI 07/01/11
Six Mile Ck at Cooran #	7.27m rising	06:45 PM FRI 07/01/11
Deep Ck at Cedar Pocket Dam #	101.79m steady	07:00 PM FRI 07/01/11
Mary R at Gympie Weir *	11.36m rising	05:30 PM FRI 07/01/11
Mary R at Gympie #	11.24m rising	07:03 PM FRI 07/01/11
Mary R at Fishermans Pocket *	12.18m steady	05:32 PM FRI 07/01/11
Glastonbury Ck at Glastonbury *	5.39m rising	05:20 PM FRI 07/01/11
Wide Bay Ck at Kilkivan *	2.09m rising	05:46 PM FRI 07/01/11
Wide Bay Ck at Brooyar *	4.83m rising	05:29 PM FRI 07/01/11
Mary R at Miva *	12.31m rising	05:40 PM FRI 07/01/11
Munna Ck at Marodian *	6.74m rising	05:30 PM FRI 07/01/11
Mary R at Home Park *	11.07m rising	05:20 PM FRI 07/01/11
Mary R at Tiaro	9.5m rising	04:00 PM FRI 07/01/11
Mary R at The Barrage *	6.53m rising	06:05 PM FRI 07/01/11
Tinana Ck at Tagigan Rd *	4.24m steady	05:00 PM FRI 07/01/11
Tinana Ck at Bauple East *	7.89m rising	05:30 PM FRI 07/01/11
Tinana Ck at Teddington Weir *	9.94m rising	02:51 PM FRI 07/01/11
Tinana Ck at Tinana Barrage *	3.66m steady	06:00 AM FRI 07/01/11
Mary R at Maryborough	NA	
Mary R at Churchill St *	3.08m falling	05:41 PM FRI 07/01/11
Bunya Ck at Booral Rd #	0.5m rising	07:04 PM FRI 07/01/11
Black Swamp Ck at Maryborough Rd #	-1.85m rising	06:56 PM FRI 07/01/11
Urangan Boat Harbour tide *	1.36m steady	05:50 PM FRI 07/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,

public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 11:15 PM on Friday the 7th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall continues to fall across the lower Mary catchment below the Gympie area, where rainfall totals between 140-180mm have been recorded since 9am Friday. Fast river rises and moderate to major flooding are occurring along the Mary River between Gympie and Tiaro during Friday evening, with minor flooding also expected overnight downstream at Maryborough.

Fast river rises and moderate to major flooding are occurring along the lower Mary River between Gympie and Tiaro, with minor flood levels also rising at The Barrage. Moderate to major flooding is also occurring in Wide Bay Creek, and in Munna and Tinana Creeks.

River levels downstream at Maryborough are currently expected to reach the minor flood level of 5 metres overnight Friday, with higher levels likely as the heavy rainfall continues in the Maryborough area.

Minor flooding is also occurring in Six Mile Creek and in the upper Mary River between the Kenilworth Homestead and Dagon Pocket. At 10:15pm Friday, the river level at Gympie was 12.04 metres and rising with moderate flooding.

Further heavy rainfall is likely to continue overnight, which is likely to result in higher levels and the situation will continue to be monitored closely.

Predicted River Heights/Flows:

Gympie Further rises to 13 metres likely as the heavy rainfall remains in the catchment.

Miva Reach near major flood level (15.5 metres) overnight Friday.

Tiaro Exceed major flood level (12.0 metres) overnight Friday.

Maryborough Exceed 5 metres (minor flood) overnight.
Reach at least 6 metres during Saturday.

Next Issue:

The next warning will be issued at about 2am Saturday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.54m falling	08:00 PM FRI 07/01/11
Mary R at Bellbird Ck #	3.08m falling	10:05 PM FRI 07/01/11
Mary R at Kenilworth H/S #	4.52m falling	10:10 PM FRI 07/01/11
Mary R at Moy Pocket #	9.35m rising	10:12 PM FRI 07/01/11
Kandanga Ck at Hygait *	5.35m rising	08:30 PM FRI 07/01/11

Amamoor Ck at Zachariah *	7.36m rising	08:20 PM FRI 07/01/11
Mary R at Dagun Pocket *	11.05m rising	08:30 PM FRI 07/01/11
Six Mile Ck at Lake MacDonald Dr#	4.75m falling	09:28 PM FRI 07/01/11
Six Mile Ck at Cooran #	7.62m rising	09:26 PM FRI 07/01/11
Deep Ck at Cedar Pocket Dam #	101.59m steady	10:00 PM FRI 07/01/11
Mary R at Gympie Weir *	12.12m rising	08:30 PM FRI 07/01/11
Mary R at Gympie #	11.99m rising	10:05 PM FRI 07/01/11
Mary R at Fishermans Pocket *	13.61m rising	09:30 PM FRI 07/01/11
Glastonbury Ck at Glastonbury *	5.81m falling	09:20 PM FRI 07/01/11
Wide Bay Ck at Kilkivan *	8.61m rising	08:55 PM FRI 07/01/11
Wide Bay Ck at Brooyar *	9.71m rising	09:28 PM FRI 07/01/11
Mary R at Miva *	13.76m rising	09:20 PM FRI 07/01/11
Munna Ck at Marodian *	10.24m rising	09:30 PM FRI 07/01/11
Mary R at Home Park *	12.6m rising	08:39 PM FRI 07/01/11
Mary R at Tiaro	9.5m rising	04:00 PM FRI 07/01/11
Mary R at The Barrage *	7.12m rising	09:10 PM FRI 07/01/11
Tinana Ck at Tagigan Rd *	4.43m rising	08:00 PM FRI 07/01/11
Tinana Ck at Bauple East *	8.76m rising	08:50 PM FRI 07/01/11
Tinana Ck at Teddington Weir *	10.75m rising	08:58 PM FRI 07/01/11
Tinana Ck at Tinana Barrage *	3.66m steady	06:00 AM FRI 07/01/11
Mary R at Maryborough	NA	
Mary R at Churchill St *	3.55m rising	08:41 PM FRI 07/01/11
Bunya Ck at Booral Rd #	0.5m falling	10:04 PM FRI 07/01/11
Black Swamp Ck at Maryborough Rd #	-1.35m rising	08:42 PM FRI 07/01/11
Urangan Boat Harbour tide *	3.25m rising	09:50 PM FRI 07/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 2:09 AM on Saturday the 8th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall continues to fall across the lower Mary catchment below the Gympie area, where rainfall totals between 150-180mm have been recorded since 9am Friday. Fast river rises and moderate to major flooding are occurring along the Mary River between Gympie and Tiaro during Saturday morning, with minor flooding rising downstream at Maryborough.

Fast river rises and moderate to major flooding are occurring along the lower Mary River between Gympie and Tiaro, with minor flood levels rising between The Barrage and at Maryborough. Moderate to major flooding is also occurring in Wide Bay Creek, Munna and Tinana Creeks.

River levels downstream at Maryborough are currently at the level of the

Lamington Bridge with further rises expected as upstream floodwaters arrive. Rises to above 6 metres are expected during Saturday morning with rises above 7 metres possible later in the weekend.

Minor flooding is occurring in Six Mile, Kandanga and Amamoor Creeks and in the upper Mary River between Moy Pocket and Dagon Pocket. At 1:40am Saturday, the river level at Gympie was 12.74 metres and rising with moderate flooding.

Further heavy rainfall is forecast to continue during Saturday, which is likely to result in higher levels. The situation will continue to be monitored closely.

Predicted River Heights/Flows:

Gympie Further rises to above 13 metres expected
Peak around 13.5 metres during Saturday morning.

Miva Major flood peak during Saturday morning.

Tiaro Major flood peak overnight Saturday.

Maryborough Reach at least 6 metres during Saturday morning
with further rises above 7 metres possible.

Next Issue:

The next warning will be issued at about 6am Saturday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.48m steady	12:00 AM SAT 08/01/11
Obi Obi Ck at Baroon Dam #	-0.4m rising	05:20 AM FRI 07/01/11
Obi Obi Ck st Baroon TW #	0.83m steady	01:08 AM SAT 08/01/11
Mary R at Bellbird Ck #	2.48m falling	01:20 AM SAT 08/01/11
Mary R at Kenilworth H/S #	2.82m falling	01:43 AM SAT 08/01/11
Mary R at Moy Pocket #	9.55m falling	01:38 AM SAT 08/01/11
Yabba Ck at Borumba Dam HW *	1.38m falling	01:30 AM SAT 08/01/11
Kandanga Ck at Hygait *	6.12m falling	12:40 AM SAT 08/01/11
Amamoor Ck at Zachariah *	7.35m falling	12:00 AM SAT 08/01/11
Mary R at Dagon Pocket *	11.91m rising	01:30 AM SAT 08/01/11
Six Mile Ck at Lake MacDonald Dr#	4.4m falling	01:23 AM SAT 08/01/11
Six Mile Ck at Cooran #	8.42m rising	01:28 AM SAT 08/01/11
Deep Ck at Cedar Pocket Dam #	101.65m falling	01:40 AM SAT 08/01/11
Mary R at Gympie Weir *	13.16m rising	01:30 AM SAT 08/01/11
Mary R at Gympie #	12.74m rising	01:39 AM SAT 08/01/11
Mary R at Fishermans Pocket *	14.29m rising	12:00 AM SAT 08/01/11
Glastonbury Ck at Glastonbury *	4.78m rising	12:00 AM SAT 08/01/11
Wide Bay Ck at Kilkivan *	8.19m falling	11:50 PM FRI 07/01/11
Wide Bay Ck at Brooyar *	11.83m rising	12:00 AM SAT 08/01/11
Mary R at Miva *	15.19m rising	12:40 AM SAT 08/01/11
Munna Ck at Marodian *	11.55m rising	12:30 AM SAT 08/01/11
Mary R at Home Park *	14.55m rising	12:10 AM SAT 08/01/11
Mary R at Tiaro	9.5m rising	04:00 PM FRI 07/01/11
Mary R at The Barrage *	7.12m rising	09:10 PM FRI 07/01/11
Tinana Ck at Tagigan Rd *	4.75m rising	12:00 AM SAT 08/01/11
Tinana Ck at Bauple East *	9.7m rising	12:00 AM SAT 08/01/11
Tinana Ck at Teddington Weir *	11.21m rising	01:41 AM SAT 08/01/11
Tinana Ck at Tinana Barrage *	3.66m steady	06:00 AM FRI 07/01/11
Mary R at Maryborough	5.5m rising	12:45 AM SAT 08/01/11
Mary R at Churchill St *	5.03m rising	01:40 AM SAT 08/01/11
Bunya Ck at Booral Rd #	0.3m falling	01:44 AM SAT 08/01/11
Black Swamp Ck at Maryborough Rd #	-1.25m rising	12:13 AM SAT 08/01/11
Urangan Boat Harbour tide *	2.62m falling	12:50 AM SAT 08/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 5:57 AM on Saturday the 8th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall continues across the lower Mary catchment downstream of Gympie, where rainfall totals between up to 250mm have been recorded since 9am Friday causing major flooding between Gympie and Tiaro. Flood levels at Maryborough of at least 7.5 metres are expected during Saturday. Moderate to major flooding is occurring in Wide Bay Creek, Munna and Tinana Creeks.

Major flood levels are rising between Miva and Tiaro and along Wide Bay Creek at Brooyar. Rises near to 17 metres are expected at Tiaro with further rises likely as rainfall continues.

River levels at Maryborough are expected to rise further this morning. At this stage, rises to 7.5 metres are forecast and levels of 8 metres are possible while rainfall continues.

Minor flooding is occurring in Six Mile, Kandanga and Amamoor Creeks and in the upper Mary River between Moy Pocket and Dagon Pocket. Levels of at least 14 metres are expected at Gympie during Saturday. At 5am Saturday, the river level at Gympie was 13.29 metres and rising with moderate flooding.

Further heavy rainfall is forecast to continue during Saturday, which is likely to result in higher levels.

Predicted River Heights/Flows:

Gympie: Reach at least 14 metres during Saturday with further rises possible.

Miva: Reach 17.5 metres during Saturday with further rises possible.

Tiaro: Reach 16.5 metres during Saturday with further rises possible.

Maryborough: Reach at least 7.5 metres during Saturday morning with further rises possible.

Next Issue:

The next warning will be issued at about 10am Saturday.

Latest River Heights:

Mary R at Dagon Pocket *	12.37m rising	04:30 AM SAT 08/01/11
Six Mile Ck at Cooran #	8.82m rising	04:55 AM SAT 08/01/11

Deep Ck at Cedar Pocket Dam #	101.55m steady	05:00 AM SAT 08/01/11
Mary R at Gympie Weir *	13.71m rising	04:30 AM SAT 08/01/11
Mary R at Gympie #	13.29m rising	04:46 AM SAT 08/01/11
Mary R at Fishermans Pocket *	14.78m rising	04:40 AM SAT 08/01/11
Glastonbury Ck at Glastonbury *	4.26m falling	04:30 AM SAT 08/01/11
Wide Bay Ck at Kilkivan *	6.16m falling	04:40 AM SAT 08/01/11
Wide Bay Ck at Brooyar *	12.92m falling	04:38 AM SAT 08/01/11
Mary R at Miva *	16.91m rising	04:40 AM SAT 08/01/11
Munna Ck at Marodian *	11.96m rising	04:43 AM SAT 08/01/11
Mary R at Home Park *	14.55m rising	12:10 AM SAT 08/01/11
Mary R at Tiaro	9.5m rising	04:00 PM FRI 07/01/11
Mary R at The Barrage *	7.12m rising	09:10 PM FRI 07/01/11
Tinana Ck at Tagigan Rd *	4.91m steady	04:00 AM SAT 08/01/11
Tinana Ck at Bauple East *	9.96m steady	04:00 AM SAT 08/01/11
Tinana Ck at Teddington Weir *	11.4m rising	04:42 AM SAT 08/01/11
Tinana Ck at Tinana Barrage *	3.66m steady	06:00 AM FRI 07/01/11
Mary R at Maryborough	5.5m rising	12:45 AM SAT 08/01/11
Mary R at Churchill St *	5.33m rising	04:41 AM SAT 08/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 10:05 AM on Saturday the 8th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall totals of up to 300mm have been recorded since 9am Friday causing major flooding between Gympie and Tiaro. River levels at Maryborough will rise further today with a peak expected during Sunday of around 9 metres, possibly higher. Moderate to major flooding is occurring in Wide Bay Creek, Munna and Tinana Creeks. Further rain is forecast.

Major flood levels are rising between Miva and Tiaro and along Wide Bay Creek at Brooyar. Rises to 18 metres are expected at Tiaro overnight with further rises possible.

River levels at Maryborough will rise further today with a peak expected during Sunday of around 9 metres, possibly higher. For comparison, the 1999 peak flood level was 8.75 metres.

Minor flooding is occurring in the upper Mary River between Moy Pocket and Dagun Pocket. A moderate flood peak of just over 14 metres is expected at Gympie during Saturday. At 10am Saturday, the river level at Gympie was 13.94 metres and rising. Moderate flood levels are occurring along Six Mile Creek at Cooran and are expected to fall through today.

Predicted River Heights/Flows:

Gympie: Peak around 14.3 metres during Saturday.

Miva: Reach 18.5 metres during Saturday with further rises possible.

Tiaro: Reach 18 metres overnight with further rises possible.

Maryborough: Continue rising during Saturday with a peak expected during Sunday of about 9 metres, possibly higher.

Next Issue:

The next warning will be issued at about 1pm Saturday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.44m steady	08:00 AM SAT 08/01/11
Obi Obi Ck st Baroon TW #	0.76m steady	09:00 AM SAT 08/01/11
Mary R at Bellbird Ck #	1.98m falling	08:52 AM SAT 08/01/11
Mary R at Bellbird Ck *	2.08m falling	08:00 AM SAT 08/01/11
Mary R at Kenilworth H/S #	1.62m steady	09:11 AM SAT 08/01/11
Mary R at Moy Pocket #	7.35m falling	09:18 AM SAT 08/01/11
Mary R at Moy Pocket *	7.64m falling	08:30 AM SAT 08/01/11
Kandanga Ck at Hygait *	3.3m falling	08:30 AM SAT 08/01/11
Amamoor Ck at Zachariah *	3.42m falling	08:00 AM SAT 08/01/11
Mary R at Dagun Pocket *	12.76m rising	08:15 AM SAT 08/01/11
Six Mile Ck at Lake MacDonald Dr#	3.55m falling	09:19 AM SAT 08/01/11
Six Mile Ck at Cooran *	8.86m falling	08:00 AM SAT 08/01/11
Six Mile Ck at Cooran #	8.72m falling	08:43 AM SAT 08/01/11
Deep Ck at Cedar Pocket Dam #	101.49m steady	08:40 AM SAT 08/01/11
Mary R at Gympie Weir *	14.23m rising	08:15 AM SAT 08/01/11
Mary R at Gympie #	13.84m steady	09:01 AM SAT 08/01/11
Mary R at Fishermans Pocket *	15.06m steady	08:10 AM SAT 08/01/11
Glastonbury Ck at Glastonbury *	4.06m falling	04:50 AM SAT 08/01/11
Wide Bay Ck at Kilkivan *	3.5m falling	08:40 AM SAT 08/01/11
Wide Bay Ck at Brooyar *	9.78m falling	08:40 AM SAT 08/01/11
Mary R at Miva *	18.08m rising	08:30 AM SAT 08/01/11
Munna Ck at Marodian *	11.93m falling	08:00 AM SAT 08/01/11
Mary R at Home Park *	17.11m steady	08:20 AM SAT 08/01/11
Mary R at Tiaro	9.5m rising	04:00 PM FRI 07/01/11
Mary R at The Barrage *	9.35m rising	08:20 AM SAT 08/01/11
Tinana Ck at Tagigan Rd *	5.01m rising	08:00 AM SAT 08/01/11
Tinana Ck at Bauple East *	10.21m falling	08:00 AM SAT 08/01/11
Tinana Ck at Teddington Weir *	11.46m steady	07:43 AM SAT 08/01/11
Tinana Ck at Tinana Barrage *	5.97m rising	06:05 AM SAT 08/01/11
Mary R at Maryborough	6.2m rising slowly	09:00 AM SAT 08/01/11
Mary R at Churchill St *	5.76m rising	08:21 AM SAT 08/01/11
Bunya Ck at Booral Rd #	0.15m falling	09:19 AM SAT 08/01/11
Black Swamp Ck at Maryborough Rd #	-1.5m falling	08:59 AM SAT 08/01/11
Urangan Boat Harbour tide *	3.09m rising	08:50 AM SAT 08/01/11

*automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 12:21 PM on Saturday the 8th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall totals of up to 300mm have been recorded since 9am Friday causing major flooding between Gympie and Tiaro. River levels at Maryborough will rise further this afternoon with a peak expected during Sunday of around 9 metres, possibly higher. Moderate to major flooding is occurring in Wide Bay Creek, Munna and Tinana Creeks. Further rain is forecast.

Major flood levels are rising between Miva and Tiaro and along Wide Bay Creek at Brooyar. Rises to 18 metres are expected at Tiaro overnight with further rises possible.

River levels at Maryborough will rise further today with a peak expected during Sunday of around 9 metres, possibly higher. For comparison, the 1999 peak flood level was 8.75 metres.

Minor flooding is occurring in the upper Mary River between Moy Pocket and Dagun Pocket. A moderate flood peak of just over 14 metres is expected at Gympie during Saturday. At noon Saturday, the river level at Gympie was 14.05 metres and rising. Moderate flood levels are occurring along Six Mile Creek at Cooran and are expected to fall through today.

Predicted River Heights/Flows:

Gympie: Peak around 14.3 metres during Saturday.

Miva: Reach 18.5 metres during Saturday with further rises possible.

Tiaro: Reach 18 metres overnight with further rises possible.

Maryborough: Continue rising during Saturday with a peak expected during Sunday of about 9 metres, possibly higher.

Next Issue:

The next warning will be issued at about 6pm Saturday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.44m steady	11:00 AM SAT 08/01/11
Obi Obi Ck st Baroon TW #	0.74m steady	12:00 PM SAT 08/01/11
Mary R at Bellbird Ck *	1.94m falling	11:00 AM SAT 08/01/11
Mary R at Kenilworth H/S #	1.42m steady	12:11 PM SAT 08/01/11
Mary R at Moy Pocket #	6.45m falling	12:11 PM SAT 08/01/11
Mary R at Moy Pocket *	6.68m falling	11:30 AM SAT 08/01/11
Yabba Ck at Borumba Dam HW *	0.79m falling	11:30 AM SAT 08/01/11
Kandanga Ck at Hygait *	2.74m falling	11:00 AM SAT 08/01/11
Amamoor Ck at Zachariah *	3.04m steady	11:00 AM SAT 08/01/11
Mary R at Dagun Pocket *	12.84m falling	11:00 AM SAT 08/01/11
Six Mile Ck at Lake MacDonald Dr#	3.25m falling	12:15 PM SAT 08/01/11
Six Mile Ck at Cooran #	8.42m falling	12:06 PM SAT 08/01/11
Deep Ck at Cedar Pocket Dam #	101.43m steady	12:10 PM SAT 08/01/11
Mary R at Gympie Weir *	14.54m rising	11:30 AM SAT 08/01/11
Mary R at Gympie #	14.09m steady	12:01 PM SAT 08/01/11

Mary R at Fishermans Pocket *	15.2m falling	11:00 AM SAT 08/01/11
Glastonbury Ck at Glastonbury *	4.06m falling	04:50 AM SAT 08/01/11
Wide Bay Ck at Kilkivan *	2.77m falling	11:00 AM SAT 08/01/11
Wide Bay Ck at Brooyar *	7.8m falling	11:50 AM SAT 08/01/11
Mary R at Miva	18.5m rising	09:00 AM SAT 08/01/11
Munna Ck at Marodian *	11.29m falling	11:40 AM SAT 08/01/11
Mary R at Home Park *	17.84m rising	11:20 AM SAT 08/01/11
Mary R at Tiaro	15.6m rising	10:45 AM SAT 08/01/11
Mary R at The Barrage *	9.81m rising	11:10 AM SAT 08/01/11
Tinana Ck at Tagigan Rd *	5.03m steady	11:00 AM SAT 08/01/11
Tinana Ck at Bauple East *	10.09m falling	11:00 AM SAT 08/01/11
Tinana Ck at Teddington Weir *	11.47m falling	11:53 AM SAT 08/01/11
Tinana Ck at Tinana Barrage *	5.97m rising	06:05 AM SAT 08/01/11
Mary R at Maryborough	6.7m rising	12:00 PM SAT 08/01/11
Mary R at Churchill St *	6.17m rising	11:41 AM SAT 08/01/11

*automatic station

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 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 6:36 PM on Saturday the 8th of January 2011
 by the Bureau of Meteorology, Brisbane.

Rainfall totals of up to 300mm have been recorded since 9am Friday causing major flooding between Gympie and Tiaro. River levels at Maryborough will rise further overnight with a peak expected during Sunday of around 9 metres. Flooding has now eased below minor in Wide Bay Creek. Moderate flooding is easing in Munna Creek, but minor to major flooding continues in Tinana Creek. Further rainfall overnight is not expected to cause significantly higher river levels.

Major flooding is now easing at Miva, with the flood peak currently in the Home Park area. Major flooding continues to rise downstream to Tiaro where river level rises to 18 metres are expected overnight. This height is below the February 1992 peak flood level of 18.6 metres

River levels at Maryborough will rise further overnight with a peak expected during Sunday of around 9 metres. For comparison, the 1999 peak flood level was 8.75 metres.

Minor to moderate flooding continues on the upper Mary River between Dagun Pocket and Gympie. At 4:30pm Saturday the river level at Gympie was 14.4 metres and close to peaking. River levels are expected to ease overnight and Sunday. Minor flooding is easing on Six Mile Creek at Cooran.

Predicted River Heights/Flows:

Gympie: 14.4 metres at 4:30pm and close to peak.

Miva: Peaked around 18.5 metres Saturday morning.

Tiaro: Reach 18 metres overnight.

Maryborough: Continue rising overnight Saturday with a peak expected during Sunday of about 9 metres. Further heavy rainfall may result in higher levels.

Next Issue:

The next warning will be issued at about 6am Sunday. The situation will continue to be monitored closely and earlier updates will be issued if necessary.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.5m rising	04:00 PM SAT 08/01/11
Obi Obi Ck st Baroon TW #	0.83m steady	05:23 PM SAT 08/01/11
Mary R at Bellbird Ck #	1.88m rising	05:15 PM SAT 08/01/11
Mary R at Kenilworth H/S #	1.32m rising	05:00 PM SAT 08/01/11
Mary R at Moy Pocket #	5.15m falling	05:27 PM SAT 08/01/11
Yabba Ck at Borumba Dam HW *	0.68m falling	03:15 PM SAT 08/01/11
Kandanga Ck at Hygait *	2.12m falling	04:00 PM SAT 08/01/11
Amamoor Ck at Zachariah *	2.76m falling	03:00 PM SAT 08/01/11
Mary R at Dagun Pocket *	12.65m falling	03:30 PM SAT 08/01/11
Six Mile Ck at Lake MacDonald Dr#	2.7m steady	05:37 PM SAT 08/01/11
Six Mile Ck at Cooran #	7.77m falling	05:32 PM SAT 08/01/11
Deep Ck at Cedar Pocket Dam #	101.36m steady	05:30 PM SAT 08/01/11
Mary R at Gympie Weir *	14.8m rising	03:15 PM SAT 08/01/11
Mary R at Gympie #	14.39m rising	04:21 PM SAT 08/01/11
Mary R at Fishermans Pocket *	15.35m falling	04:30 PM SAT 08/01/11
Glastonbury Ck at Glastonbury *	4.06m falling	04:50 AM SAT 08/01/11
Wide Bay Ck at Kilkivan *	2.07m falling	03:00 PM SAT 08/01/11
Wide Bay Ck at Brooyar *	6.17m falling	04:20 PM SAT 08/01/11
Mary R at Miva *	17.8m falling	04:30 PM SAT 08/01/11
Munna Ck at Marodian *	9.94m falling	04:00 PM SAT 08/01/11
Mary R at Home Park *	18.53m rising	04:30 PM SAT 08/01/11
Mary R at Tiaro	15.6m rising	10:45 AM SAT 08/01/11
Mary R at The Barrage *	10.67m rising	05:10 PM SAT 08/01/11
Tinana Ck at Tagigan Rd *	4.77m falling	04:00 PM SAT 08/01/11
Tinana Ck at Bauple East *	9.87m falling	04:00 PM SAT 08/01/11
Tinana Ck at Teddington Weir *	11.43m falling	03:42 PM SAT 08/01/11
Tinana Ck at Tinana Barrage *	5.97m rising	06:05 AM SAT 08/01/11
Mary R at Maryborough	7.05m rising	03:30 PM SAT 08/01/11
Mary R at Churchill St *	6.05m rising	05:41 PM SAT 08/01/11

*, # denote automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 6:08 AM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Major flooding continues between Gympie and Tiaro. River levels at Maryborough will rise further this morning with levels expected to peak at around 8.4 metres. Further heavy rainfall is occurring between Gympie and Maryborough this morning and is expected to continue.

Major flooding continues between Miva and Tiaro. Minor to major flooding continues along Tinana Creek.

River levels at Maryborough will rise further this morning with a peak expected during Sunday of around 8.4 metres. Further rises are likely as heavy rainfall continues. For comparison, the 1999 peak flood level was 8.75 metres.

Minor to moderate flooding continues on the upper Mary River between Dagun Pocket and Gympie. At 5am Sunday the river level at Gympie was 14.0 metres. River levels are likely to remain high or increase today following renewed rainfall.

Predicted River Heights/Flows:

Gympie: Remain above 13 metres today with further rises possible as rainfall continues.

Maryborough: A peak is expected during Sunday of around 8.4 metres.
Further heavy rainfall may result in higher levels.

Next Issue:

The next warning will be issued at about 11am Sunday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.51m steady	04:00 AM SUN 09/01/11
Mary R at Bellbird Ck *	2.19m falling	04:26 AM SUN 09/01/11
Mary R at Kenilworth H/S #	1.77m falling	05:26 AM SUN 09/01/11
Mary R at Moy Pocket #	6.15m falling	05:47 AM SUN 09/01/11
Yabba Ck at Borumba Dam HW *	0.81m falling	05:30 AM SUN 09/01/11
Kandanga Ck at Hygait *	2.39m rising	04:00 AM SUN 09/01/11
Amamoor Ck at Zachariah *	2.73m steady	04:10 AM SUN 09/01/11
Mary R at Dagun Pocket *	10.82m falling	05:45 AM SUN 09/01/11
Six Mile Ck at Cooran #	6.02m falling	05:33 AM SUN 09/01/11
Deep Ck at Cedar Pocket Dam #	101.29m steady	05:47 AM SUN 09/01/11
Mary R at Gympie Weir *	14.48m rising	05:30 AM SUN 09/01/11
Mary R at Gympie #	13.99m falling	05:05 AM SUN 09/01/11
Mary R at Fishermans Pocket *	15.22m rising	04:20 AM SUN 09/01/11
Glastonbury Ck at Glastonbury *	1.82m falling	03:00 AM SUN 09/01/11
Wide Bay Ck at Kilkivan *	2.32m falling	02:30 AM SUN 09/01/11
Mary R at Miva *	16.12m steady	04:10 AM SUN 09/01/11
Munna Ck at Marodian *	7.95m steady	04:29 AM SUN 09/01/11
Mary R at Home Park *	18.04m rising	04:20 AM SUN 09/01/11
Mary R at Tiaro	15.6m rising	10:45 AM SAT 08/01/11
Mary R at The Barrage *	11.51m rising	05:05 AM SUN 09/01/11
Tinana Ck at Tagigan Rd *	3.77m falling	04:00 AM SUN 09/01/11
Tinana Ck at Bauple East *	9.24m falling	04:00 AM SUN 09/01/11
Tinana Ck at Teddington Weir *	11.24m falling	03:00 AM SUN 09/01/11
Tinana Ck at Tinana Barrage *	5.97m rising	06:05 AM SAT 08/01/11
Mary R at Maryborough	8.02m rising	05:15 AM SUN 09/01/11
Mary R at Churchill St *	6.91m falling	05:41 AM SUN 09/01/11
Bunya Ck at Booral Rd #	-0.15m falling	05:33 AM SUN 09/01/11

Black Swamp Ck at Maryborough Rd #	-2.05m steady	05:32 AM SUN 09/01/11
Urangan Boat Harbour tide *	1.37m falling	03:50 AM SUN 09/01/11

*automatic station

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IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 11:01 AM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall in the last 6 hours is expected to increase flood levels at Gympie to at least 16 metres overnight. Higher levels are possible as rainfall continues. Major flooding continues between Miva and Tiaro. An initial peak is expected at Maryborough around 8.4 metres today with further rises possible as rainfall continues. Rainfall totals recorded in the 6 hours to 11am include Gympie 45mm, Cooran 108mm and Maleny 68mm.

Fast rising river levels are occurring in the upper Mary River catchment following heavy rainfall this morning. At least moderate flood levels are expected at Bellbird Creek and Kenilworth with major flood levels likely if rainfall continues. Moderate flood levels are likely of at least 13 metres at Dagon Pocket and a return to moderate flood levels along Six Mile Creek is expected through today with further rises.

At Gympie, river levels are expected to increase from the current 14 metre level through today reaching at least 16 metres overnight with rises above the major flood level of 17 metres possible if rainfall continues.

Major flooding continues between Miva and Tiaro. Minor to major flooding continues along Tinana Creek.

River levels at Maryborough will rise further this morning with an initial peak expected during Sunday of around 8.4 metres. Further rises are likely as heavy rainfall continues. For comparison, the 1999 peak flood level was 8.75 metres.

Predicted River Heights/Flows:

Gympie: Reach at least 16 metres overnight. A major flood level above 17 metres is possible if rainfall continues.

Maryborough: A peak is expected during Sunday of around 8.4 metres.
Further heavy rainfall may result in higher levels.

Next Issue:

The next warning will be issued at about 1:30pm Sunday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.16m rising	09:00 AM SUN 09/01/11
Obi Obi Ck st Baroon TW #	1.81m rising	10:13 AM SUN 09/01/11
Mary R at Bellbird Ck #	5.48m rising	10:32 AM SUN 09/01/11
Mary R at Kenilworth H/S #	4.52m rising	10:34 AM SUN 09/01/11
Mary R at Moy Pocket #	6.3m rising	10:35 AM SUN 09/01/11
Yabba Ck at Borumba Dam HW *	1.13m rising	10:30 AM SUN 09/01/11
YKandanga Ck at Hygait *	3.3m rising	09:30 AM SUN 09/01/11
Amamoor Ck at Zachariah *	3.52m rising	09:30 AM SUN 09/01/11
Mary R at Dagun Pocket *	10.9m rising	10:30 AM SUN 09/01/11
Six Mile Ck at Lake MacDonald Dr#	3.55m rising	10:34 AM SUN 09/01/11
Six Mile Ck at Cooran #	7.17m rising	10:33 AM SUN 09/01/11
Deep Ck at Cedar Pocket Dam #	101.8m steady	09:50 AM SUN 09/01/11
Mary R at Gympie Weir *	14.28m falling	09:45 AM SUN 09/01/11
Mary R at Gympie #	13.84m steady	09:01 AM SUN 09/01/11
Mary R at Fishermans Pocket *	15.11m falling	09:29 AM SUN 09/01/11
Glastonbury Ck at Glastonbury *	1.82m falling	03:00 AM SUN 09/01/11
Wide Bay Ck at Kilkivan *	2.03m rising	08:20 AM SUN 09/01/11
Wide Bay Ck at Brooyar *	5.21m steady	09:29 AM SUN 09/01/11
Mary R at Miva	15.9m rising slowly	09:00 AM SUN 09/01/11
Munna Ck at Marodian *	8.63m falling	09:25 AM SUN 09/01/11
Mary R at Home Park *	17.42m steady	09:20 AM SUN 09/01/11
Mary R at Tiaro	15.6m rising	10:45 AM SAT 08/01/11
Mary R at The Barrage *	11.47m falling	09:00 AM SUN 09/01/11
Tinana Ck at Tagigan Rd *	4.64m rising	09:30 AM SUN 09/01/11
Tinana Ck at Bauple East *	9m falling	09:00 AM SUN 09/01/11
Tinana Ck at Teddington Weir *	11.48m rising	08:38 AM SUN 09/01/11
Tinana Ck at Tinana Barrage *	7.83m rising	06:00 AM SUN 09/01/11
Mary R at Maryborough	8.18m rising	10:00 AM SUN 09/01/11
Mary R at Churchill St *	7.11m rising	10:31 AM SUN 09/01/11
Bunya Ck at Booral Rd #	-0.15m steady	10:30 AM SUN 09/01/11
Black Swamp Ck at Maryborough Rd #	-2.1m steady	08:32 AM SUN 09/01/11
Urangan Boat Harbour tide *	3.34m rising	09:50 AM SUN 09/01/11

*automatic station

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telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 1:55 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall in the last 12 hours is expected to increase flood levels at
Gympie to at least 17 metres overnight. Higher levels are possible as rainfall
continues. Major flooding continues between Miva and Tiaro. An initial peak is

expected at Maryborough around 8.4 metres today with further rises possible. Rainfall totals recorded in the 12 hours to 2pm include Gympie 58mm, Cooran 148mm, Maleny 144mm and Cooroy 160mm.

Fast rising river levels are occurring in the upper Mary River catchment following heavy rainfall this morning. Major flood levels are likely at Bellbird Creek and Kenilworth this evening. Major flood levels are likely of at least 15 metres at Dagun Pocket and a return to moderate flood levels along Six Mile Creek is expected through today. Further rises are likely throughout the upper catchment as heavy rainfall continues.

At Gympie, river levels are expected to increase from the current 13.7 metre level this evening reaching at least 17 metres early on Monday with rises above the major flood level of 17 metres possible if rainfall continues.

Major flooding continues between Miva and Tiaro. Minor to major flooding continues along Tinana Creek.

River levels at Maryborough will rise further this morning with an initial peak expected during Sunday of around 8.4 metres. Further rises are likely as heavy rainfall continues. For comparison, the 1999 peak flood level was 8.75 metres.

Predicted River Heights/Flows:

Gympie: Reach at least 17 metres early on Monday. Higher levels above 17 metres are likely as rainfall continues.

Maryborough: A peak is expected during Sunday of around 8.4 metres. Further heavy rainfall may result in higher levels.

Next Issue:

The next warning will be issued at about 5:30pm Sunday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.22m rising	12:00 PM SUN 09/01/11
Obi Obi Ck st Baroon TW #	2.02m rising	12:48 PM SUN 09/01/11
Mary R at Bellbird Ck #	5.73m rising	01:17 PM SUN 09/01/11
Mary R at Bellbird Ck *	5.76m steady	12:30 PM SUN 09/01/11
Mary R at Kenilworth H/S #	7.27m rising	01:32 PM SUN 09/01/11
Mary R at Moy Pocket #	9.05m rising	01:34 PM SUN 09/01/11
Mary R at Moy Pocket *	6.01m steady	08:16 AM SUN 09/01/11
Yabba Ck at Borumba Dam HW *	1.46m rising	11:30 AM SUN 09/01/11
Kandanga Ck at Hygait *	4.85m rising	12:30 PM SUN 09/01/11
Amamoor Ck at Zachariah *	5.06m rising	12:20 PM SUN 09/01/11
Mary R at Dagun Pocket *	11.07m rising	11:30 AM SUN 09/01/11
Six Mile Ck at Lake MacDonald Dr#	4.5m rising	01:32 PM SUN 09/01/11
Six Mile Ck at Cooran *	7.97m rising	12:30 PM SUN 09/01/11
Six Mile Ck at Cooran #	8.17m steady	01:28 PM SUN 09/01/11
Deep Ck at Cedar Pocket Dam #	101.78m steady	01:00 PM SUN 09/01/11
Mary R at Gympie Weir *	14.27m rising	11:15 AM SUN 09/01/11
Mary R at Gympie #	13.74m falling	12:01 PM SUN 09/01/11
Mary R at Fishermans Pocket *	15.12m rising	12:30 PM SUN 09/01/11
Glastonbury Ck at Glastonbury *	1.82m falling	03:00 AM SUN 09/01/11
Wide Bay Ck at Kilkivan *	2.58m rising	11:00 AM SUN 09/01/11
Wide Bay Ck at Brooyar *	5.42m steady	12:22 PM SUN 09/01/11
Mary R at Miva	15.8m falling slowly	12:00 PM SUN 09/01/11
Mary R at Miva *	15.64m falling	12:30 PM SUN 09/01/11
Munna Ck at Marodian *	8.64m rising	12:29 PM SUN 09/01/11
Mary R at Home Park *	17.01m falling	12:20 PM SUN 09/01/11

Mary R at Tiaro	16.25m falling	11:00 AM SUN 09/01/11
Mary R at The Barrage *	11.33m falling	12:10 PM SUN 09/01/11
Tinana Ck at Tagigan Rd *	5.58m rising	12:10 PM SUN 09/01/11
Tinana Ck at Bauple East *	8.76m falling	12:00 PM SUN 09/01/11
Tinana Ck at Teddington Weir *	11.48m rising	08:38 AM SUN 09/01/11
Tinana Ck at Tinana Barrage *	7.83m rising	06:00 AM SUN 09/01/11
Mary R at Maryborough	8.2m rising slowly	12:30 PM SUN 09/01/11
Mary R at Churchill St *	7.17m rising	12:41 PM SUN 09/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 5:50 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall of up to 190 millimetres has been recorded in the headwaters of the Mary River since 9am this morning and rainfall is expected to continue during Sunday night. Fast rises and moderate flooding are occurring in Yabby Creek at Imbil, Mary River at Kenilworth Homestead and in Six Mile Creek at Cooran. Renewed rises are expected at Gympie during Sunday night with major flood levels expected during Monday.

In the lower Mary River, major flooding continues between Miva and Tiaro and moderate flood levels are now peaking in the Mary River at Maryborough.

Fast rising river levels are occurring in the upper Mary River catchment following heavy rainfall during today. Major flood levels have been reached at Bellbird Creek and are expected at Kenilworth this evening. Major flood levels are also expected at Moy Pocket during Sunday night and at Dagon Pocket during Monday morning. Further rises are likely throughout the upper catchment as heavy rainfall continues.

At Gympie, river levels will start rising during Sunday night and reach the major flood level of 17 metres early Monday morning and continue rising during Monday. It is not possible to provide a peak forecast at this stage as heavy rainfall continues in the catchment.

Major flooding continues between Miva and Tiaro and in Tinana Creek at Teddington Weir. Major flooding will continue at Miva and Tiaro during the next few days.

Moderate flood levels peaked at Maryborough at around 8.2 metres at midday Sunday. Levels are expected to ease at Maryborough during Sunday and into Monday. No significant rainfall has been reported in the lower Mary River during

Sunday but some rises are expected during this week as the flood waters from Gympie arrive in the area. At this stage the levels are not expected to exceed today's peak.

Predicted River Heights/Flows:

Gympie: Exceed 17 metres early Monday.
Higher levels expected during Monday.

It is not possible to provide a peak forecast at this stage as heavy rainfall continues in the catchment.

Maryborough: Fall slowly during Sunday night and Monday.

Next Issue:

The next warning will be issued at about 9:30pm Sunday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.65m rising	04:20 PM SUN 09/01/11
Obi Obi Ck st Baroon TW #	3.12m rising	05:38 PM SUN 09/01/11
Mary R at Bellbird Ck #	7.83m rising	05:36 PM SUN 09/01/11
Mary R at Kenilworth H/S #	9.52m falling	05:43 PM SUN 09/01/11
Mary R at Moy Pocket #	12.55m rising	05:37 PM SUN 09/01/11
Yabba Ck at Borumba Dam HW *	3.21m rising	04:45 PM SUN 09/01/11
Yabba Ck at Imbil	6m rising	03:00 PM SUN 09/01/11
Kandanga Ck at Hygait *	6.48m rising	05:00 PM SUN 09/01/11
Amamoor Ck at Zachariah *	6.1m rising	05:01 PM SUN 09/01/11
Mary R at Dagun Pocket *	12.11m rising	05:00 PM SUN 09/01/11
Six Mile Ck at Lake MacDonald Dr#	5.6m steady	05:37 PM SUN 09/01/11
Six Mile Ck at Cooran #	9.22m rising	05:03 PM SUN 09/01/11
Mary R at Gympie Weir *	14.41m falling	05:00 PM SUN 09/01/11
Mary R at Gympie #	13.99m rising	05:16 PM SUN 09/01/11
Mary R at Fishermans Pocket *	15.14m falling	05:08 PM SUN 09/01/11
Mary R at Miva *	15.5m rising	05:00 PM SUN 09/01/11
Mary R at Home Park *	16.53m falling	05:00 PM SUN 09/01/11
Mary R at Tiaro	16.25m falling	11:00 AM SUN 09/01/11
Mary R at The Barrage *	11.03m steady	05:00 PM SUN 09/01/11
Tinana Ck at Tagigan Rd *	5.94m rising	05:00 PM SUN 09/01/11
Tinana Ck at Bauple East *	8.6m falling	05:00 PM SUN 09/01/11
Tinana Ck at Teddington Weir *	11.48m rising	08:38 AM SUN 09/01/11
Tinana Ck at Tinana Barrage *	7.83m rising	06:00 AM SUN 09/01/11
Mary R at Maryborough	8.15m falling	03:15 PM SUN 09/01/11
Mary R at Churchill St *	7.19m steady	05:04 PM SUN 09/01/11

*,# automatic

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<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology

Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 10:10 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall of up to 240 millimetres has been recorded in the headwaters of the Mary River since 9am and rainfall is expected to continue overnight Sunday. Fast rises and major flooding are rising between the Bellbird Creek junction and Moy Pocket and in Yabba Creek at Imbil. Renewed rises are being recorded at Gympie with major flood levels expected during Monday.

In the lower Mary River, major flooding continues between Miva and the Barrage with moderate flood levels easing in the Mary River at Maryborough.

Fast rises are occurring in the upper Mary River catchment following heavy rainfall during Sunday. Major flood levels are being recorded between the Bellbird Creek junction and Moy Pocket and in Yabba Creek at Imbil. Moderate flood levels are rising downstream at Dagun Pocket with further rises above the major flood level expected during Monday morning. Further rises are likely throughout the upper catchment as further heavy rainfall is forecast.

At 10pm Sunday, the Mary River at Gympie was 14.5 metres and rising at moderate flood level. Further rises above the major flood level of 17 metres are expected early Monday morning and continued rises to at least 19 metres are expected during Monday afternoon. Faster rises and higher levels are possible with the forecast of further heavy rainfall.

Major flooding continues between Miva and the Barrage and in Tinana Creek at Teddington Weir. Major flooding will continue between Miva and the Barrage during the next few days.

Levels are expected to ease at Maryborough during Sunday and into Monday following a peak around 8.2 metres at midday Sunday. No significant rainfall has been reported in the lower Mary River apart from some heavy rainfall in the upper reaches of Tinana Creek. The flood waters from the upper Mary will cause renewed rises at Maryborough during the next few days but levels are not expected to exceed today's peak.

Predicted River Heights/Flows:

Gympie: Exceed 17 metres early Monday.
Reach at least 19 metres during Monday afternoon.

A peak forecast will be provided when upstream peaks are recorded.

Maryborough: Fall slowly during Sunday night and Monday.

Next Issue:

The next warning will be issued at about 6am Monday or earlier if required.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.93m steady	07:30 PM SUN 09/01/11
Obi Obi Ck st Baroon TW #	3.63m steady	08:13 PM SUN 09/01/11
Mary R at Bellbird Ck #	8.58m falling	09:06 PM SUN 09/01/11
Mary R at Kenilworth H/S #	10.82m rising	09:10 PM SUN 09/01/11
Mary R at Moy Pocket #	14.5m rising	09:11 PM SUN 09/01/11
Yabba Ck at Borumba Dam HW *	2.99m falling	08:15 PM SUN 09/01/11
Yabba Ck at Imbil	7.3m rising	05:00 PM SUN 09/01/11
Kandanga Ck at Hygait *	6.2m falling	08:10 PM SUN 09/01/11
Amamoor Ck at Zachariah *	5.52m steady	08:30 PM SUN 09/01/11
Mary R at Dagun Pocket *	13.04m rising	08:30 PM SUN 09/01/11

Six Mile Ck at Lake MacDonald Dr#	5.5m steady	08:37 PM SUN 09/01/11
Six Mile Ck at Cooran #	9.62m rising	08:55 PM SUN 09/01/11
Mary R at Gympie Weir *	14.79m rising	08:45 PM SUN 09/01/11
Mary R at Gympie #	14.34m rising	08:58 PM SUN 09/01/11
Mary R at Fishermans Pocket *	15.33m rising	08:40 PM SUN 09/01/11
Mary R at Miva *	15.45m rising	08:20 PM SUN 09/01/11
Mary R at Home Park *	16.2m steady	08:20 PM SUN 09/01/11
Mary R at Tiaro	16.25m falling	11:00 AM SUN 09/01/11
Mary R at The Barrage *	10.8m falling	08:05 PM SUN 09/01/11
Tinana Ck at Tagigan Rd *	6.01m steady	08:00 PM SUN 09/01/11
Tinana Ck at Bauple East *	8.51m falling	08:00 PM SUN 09/01/11
Tinana Ck at Teddington Weir *	11.28m falling	08:58 PM SUN 09/01/11
Tinana Ck at Tinana Barrage *	7.83m rising	06:00 AM SUN 09/01/11
Mary R at Maryborough	8.07m falling	06:30 PM SUN 09/01/11
Mary R at Churchill St *	7.19m steady	08:41 PM SUN 09/01/11

*,# from automatic station

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TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 6:12 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall of up to 322mm has been recorded in the upper Mary catchment in the 24 hours to 5am Monday. Major flood levels are rising at Dagun Pocket with major flood levels expected at Gympie during Monday. Upstream of Dagun Pocket, minor to major levels are easing although rainfall is expected to continue through today so renewed rises are possible.

In the lower Mary River, major flooding continues between Miva and the Barrage with moderate flood levels easing in the Mary River at Maryborough.

Major flood levels are occurring with a flood peak currently between Moy Pocket and Dagun Pocket. Further rises are likely throughout the upper catchment as further heavy rainfall is forecast. Moderate to minor flooding is currently easing along Yabba, Kandanga and Amamoor Creeks.

At 5:30am Monday, the Mary River at Gympie was 16.1 metres with moderate flood levels. Further rises above the major flood level of 17 metres will occur this morning continuing to above 20 metres overnight. Higher levels are possible with the forecast of further heavy rainfall.

Major flooding continues between Miva and the Barrage and in Tinana Creek at Teddington Weir. Major flooding will continue between Miva and the Barrage during the next few days.

Levels are expected to ease at Maryborough during Sunday and into Monday following a peak around 8.2 metres at midday Sunday. The flood waters from the upper Mary will cause renewed rises at Maryborough prolonging minor flood levels. Further heavy rainfall could change this prediction.

Predicted River Heights/Flows:

Gympie: Exceed 20 metres overnight Monday.

A peak forecast will be provided when upstream peaks are recorded.

Maryborough: Fall slowly during Sunday night and Monday.

Next Issue:

The next warning will be issued at about 11am Monday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.14m falling	02:00 AM MON 10/01/11
Obi Obi Ck st Baroon TW #	3m falling	05:23 AM MON 10/01/11
Mary R at Bellbird Ck #	4.58m falling	05:26 AM MON 10/01/11
Mary R at Bellbird Ck *	5.1m falling	04:40 AM MON 10/01/11
Mary R at Kenilworth H/S #	8.82m falling	05:21 AM MON 10/01/11
Mary R at Moy Pocket #	14.9m rising	05:25 AM MON 10/01/11
Mary R at Moy Pocket *	15.47m rising	03:40 AM MON 10/01/11
Yabba Ck at Borumba Dam HW *	2.19m falling	04:30 AM MON 10/01/11
Yabba Ck at Imbil	8.1m falling	11:00 PM SUN 09/01/11
Kandanga Ck at Hygait *	5.37m falling	04:00 AM MON 10/01/11
Amamoor Ck at Zachariah *	4.68m falling	04:20 AM MON 10/01/11
Mary R at Dagun Pocket *	15.41m rising	04:30 AM MON 10/01/11
Six Mile Ck at Lake MacDonald Dr#	4.8m falling	05:24 AM MON 10/01/11
Six Mile Ck at Cooran *	10.25m falling	04:00 AM MON 10/01/11
Deep Ck at Cedar Pocket Dam #	101.56m steady	05:25 AM MON 10/01/11
Mary R at Gympie Weir *	16.15m rising	03:45 AM MON 10/01/11
Mary R at Gympie #	16.04m rising	05:22 AM MON 10/01/11
Mary R at Fishermans Pocket *	16.42m rising	04:39 AM MON 10/01/11
Wide Bay Ck at Kilkivan *	2.51m rising	04:00 AM MON 10/01/11
Wide Bay Ck at Brooyar *	5.48m falling	04:00 AM MON 10/01/11
Mary R at Miva	15.6m falling slowly	05:00 PM SUN 09/01/11
Munna Ck at Marodian *	6.75m falling	04:40 AM MON 10/01/11
Mary R at Home Park *	15.41m steady	04:10 AM MON 10/01/11
Mary R at Tiaro	16.25m falling	11:00 AM SUN 09/01/11
Mary R at The Barrage *	10.72m falling	09:00 PM SUN 09/01/11
Tinana Ck at Tagigan Rd *	6.44m rising	04:00 AM MON 10/01/11
Tinana Ck at Bauple East *	8.28m falling	04:00 AM MON 10/01/11
Tinana Ck at Teddington Weir *	11.14m falling	04:42 AM MON 10/01/11
Tinana Ck at Tinana Barrage *	7.83m rising	06:00 AM SUN 09/01/11
Mary R at Maryborough	8.07m falling	06:30 PM SUN 09/01/11
Mary R at Churchill St *	6.47m falling	04:40 AM MON 10/01/11

*automatic stations

Warnings and River Height Bulletins are available at

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IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 11:29 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall of up to 322mm has been recorded in the upper Mary catchment in the 24 hours to 9am Monday. Major flood levels continue to rise at Dagun Pocket and Gympie. Upstream of Dagun Pocket, minor to major levels are easing although rainfall is expected to continue through today so renewed rises are possible.

In the lower Mary River, major flooding continues between Miva and the Barrage with moderate flood levels easing in the Mary River at Maryborough.

Major flood levels are occurring with a flood peak currently approaching Dagun Pocket. Further rises are likely throughout the upper catchment as further heavy rainfall is forecast. Moderate to minor flooding is currently easing along Yabba, Kandanga and Amamoor Creeks.

At 11am Monday, the Mary River at Gympie was 17.2 metres with major flood levels. Further rises will occur this afternoon continuing to around 20 metres overnight. Higher levels are possible with the forecast of further heavy rainfall.

Major flooding continues between Miva and the Barrage and in Tinana Creek at Teddington Weir. Major flooding will continue between Miva and the Barrage during the next few days.

Levels are expected to ease at Maryborough during Sunday and into Monday following a peak around 8.2 metres at midday Sunday. The flood waters from the upper Mary will cause renewed rises at Maryborough prolonging minor flood levels. Further heavy rainfall could change this prediction.

Predicted River Heights/Flows:

Gympie: Reach around 20 metres overnight Monday.

A peak forecast will be provided when upstream peaks are recorded.

Maryborough: Fall slowly during Sunday night and Monday.

Next Issue:

The next warning will be issued at about 6pm Monday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.13m rising	08:40 AM MON 10/01/11
Obi Obi Ck st Baroon TW #	2.96m falling	10:48 AM MON 10/01/11
Mary R at Bellbird Ck #	4.13m rising	10:52 AM MON 10/01/11
Mary R at Kenilworth H/S #	6.67m falling	10:49 AM MON 10/01/11
Mary R at Moy Pocket #	13.05m falling	10:55 AM MON 10/01/11
Mary R at Moy Pocket *	13.49m falling	09:30 AM MON 10/01/11
Yabba Ck at Borumba Dam HW *	1.45m falling	10:30 AM MON 10/01/11
Yabba Ck at Imbil	8.1m falling	11:00 PM SUN 09/01/11
Amamoor Ck at Zachariah *	3.41m falling	10:00 AM MON 10/01/11
Mary R at Dagun Pocket *	16.22m falling	10:30 AM MON 10/01/11
Six Mile Ck at Cooran *	9.55m falling	10:13 AM MON 10/01/11
Six Mile Ck at Cooran #	9.42m falling	10:32 AM MON 10/01/11

Deep Ck at Cedar Pocket Dam #	101.47m steady	10:53 AM MON 10/01/11
Mary R at Gympie Weir *	16.15m rising	03:45 AM MON 10/01/11
Mary R at Gympie #	17.19m rising	10:30 AM MON 10/01/11
Mary R at Fishermans Pocket *	17.22m rising	09:30 AM MON 10/01/11
Wide Bay Ck at Kilkivan *	1.73m falling	10:00 AM MON 10/01/11
Wide Bay Ck at Brooyar *	5.07m falling	10:00 AM MON 10/01/11
Mary R at Miva	15.8m rising slowly	09:00 AM MON 10/01/11
Mary R at Miva *	15.66m steady	10:40 AM MON 10/01/11
Munna Ck at Marodian *	5.86m falling	10:30 AM MON 10/01/11
Mary R at Home Park *	14.96m falling	10:30 AM MON 10/01/11
Mary R at Tiaro	16.25m falling	11:00 AM SUN 09/01/11
Mary R at The Barrage *	9.55m falling	10:10 AM MON 10/01/11
Tinana Ck at Tagigan Rd *	6.05m falling	10:00 AM MON 10/01/11
Tinana Ck at Bauple East *	11.41m rising	10:30 AM MON 10/01/11
Tinana Ck at Teddington Weir *	11.01m falling	10:42 AM MON 10/01/11
Tinana Ck at Tinana Barrage *	7.08m steady	06:00 AM MON 10/01/11
Mary R at Maryborough	7.2m falling	09:30 AM MON 10/01/11
Mary R at Churchill St *	6.03m falling	10:41 AM MON 10/01/11

*automatic station

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IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 6:11 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall recorded since 9am Monday has been between 25-40mm. Major flood levels are peaking at Dagon Pocket and continue to rise at Gympie. Upstream of Dagon Pocket, minor to moderate flood levels continue to ease with rainfalls also expected to continue easing in the area overnight Monday.

In the lower Mary River, major flooding continues between Miva and the Barrage with moderate flood levels easing in the Mary River at Maryborough.

Major flood levels are currently peaking at Dagon Pocket around 16.5 metres. Moderate flooding is currently rising along Yabba Creek in the Imbil area.

At 5:20pm Monday, the Mary River at Gympie was 18.5 metres with major flood levels. Further rises are expected with a peak around 20 metres overnight.

Major flooding continues between Miva and the Barrage and moderate flooding is occurring in Tinana Creek at Teddington Weir. Major flooding will continue between Miva and the Barrage during the next few days.

Levels are expected to ease at Maryborough during Sunday and into Monday

following a peak around 8.2 metres at midday Sunday. The flood waters from the upper Mary will cause renewed rises at Maryborough prolonging minor flood levels. Further heavy rainfall could change this prediction.

Predicted River Heights/Flows:

Gympie: Peak around 20 metres overnight Monday.

Maryborough: Fall slowly during Sunday night and Monday.

Next Issue:

The next warning will be issued at about 11pm Monday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.86m falling	04:00 PM MON 10/01/11
Obi Obi Ck st Baroon TW #	2.87m falling	05:08 PM MON 10/01/11
Mary R at Bellbird Ck #	4.13m falling	05:26 PM MON 10/01/11
Mary R at Kenilworth H/S #	7.27m falling	05:30 PM MON 10/01/11
Mary R at Moy Pocket #	12.4m rising	05:27 PM MON 10/01/11
Mary R at Moy Pocket *	12.37m falling	04:10 PM MON 10/01/11
Yabba Ck at Borumba Dam HW *	1.14m falling	04:30 PM MON 10/01/11
Yabba Ck at Imbil	7.2m falling	06:30 AM MON 10/01/11
Kandanga Ck at Hygait *	2.95m falling	04:00 PM MON 10/01/11
Amamoor Ck at Zachariah *	3.12m falling	01:20 PM MON 10/01/11
Mary R at Dagun Pocket *	16.39m falling	04:30 PM MON 10/01/11
Six Mile Ck at Lake MacDonald Dr#	4.45m falling	05:05 PM MON 10/01/11
Six Mile Ck at Cooran #	9.12m falling	05:12 PM MON 10/01/11
Deep Ck at Cedar Pocket Dam #	101.41m steady	05:30 PM MON 10/01/11
Mary R at Gympie Weir *	16.15m rising	03:45 AM MON 10/01/11
Mary R at Gympie #	18.49m rising	05:23 PM MON 10/01/11
Mary R at Fishermans Pocket *	17.52m rising	04:32 PM MON 10/01/11
Wide Bay Ck at Kilkivan *	1.45m falling	04:00 PM MON 10/01/11
Wide Bay Ck at Brooyar *	4.55m falling	04:21 PM MON 10/01/11
Mary R at Miva *	15.9m rising	04:20 PM MON 10/01/11
Munna Ck at Marodian *	5.34m falling	04:30 PM MON 10/01/11
Mary R at Home Park *	14.65m falling	04:33 PM MON 10/01/11
Mary R at Tiaro	14m falling	03:00 PM MON 10/01/11
Mary R at The Barrage *	9.08m falling	04:05 PM MON 10/01/11
Tinana Ck at Tagigan Rd *	5.31m falling	04:00 PM MON 10/01/11
Tinana Ck at Teddington Weir *	10.92m falling	04:42 PM MON 10/01/11
Tinana Ck at Tinana Barrage *	7.08m steady	06:00 AM MON 10/01/11
Mary R at Maryborough	6.8m falling slowly	03:00 PM MON 10/01/11
Mary R at Churchill St *	5.66m falling	04:41 PM MON 10/01/11
Bunya Ck at Booral Rd #	-0.2m steady	04:30 PM MON 10/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m steady	05:32 PM MON 10/01/11
Urangan Boat Harbour tide *	1.83m falling	04:50 PM MON 10/01/11

*,# from automatic station

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TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 11:00 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Further heavy rainfall has been recorded in the last 3 hours in Six Mile Creek, Deep Creek, Kandanga Creek and Amamoor Creek and in the area around Gympie. Major flood levels continue to rise at Gympie with local rainfall and rises to 20 metres are still possible during Monday night.

In the lower Mary River, major flooding continues between Miva and the Barrage with moderate flood levels easing in the Mary River at Maryborough.

Major flood levels are easing at Dagun Pocket after it peaked about 16.4 metres at 3pm Monday. Moderate flooding is also easing Yabba Creek in the Imbil area.

At 10.40pm Monday, the Mary River at Gympie was 19.04 metres and rising with major flood levels. Further rises to 20 metres are expected overnight. Higher levels would require significant heavy rainfall in the catchment.

Major flooding continues between Miva and the Barrage and moderate flooding is occurring in Tinana Creek at Teddington Weir. Major flooding will continue between Miva and the Barrage during the next few days.

Minor flood levels are expected to continue to ease at Maryborough during Monday night and steady during Tuesday. The flood waters from the upper Mary will cause renewed rises during Tuesday night at Maryborough and prolong minor flood levels. Further heavy rainfall could change this prediction.

Predicted River Heights/Flows:

Gympie: Peak around 20 metres overnight Monday.

Maryborough: Fall slowly during Monday night.

Next Issue:

The next warning will be issued at about 8am Tuesday or earlier if required.

Latest River Heights:

Mary R at Kenilworth H/S #	5.17m falling	10:47 PM MON 10/01/11
Mary R at Moy Pocket #	11.7m falling	10:48 PM MON 10/01/11
Yabba Ck at Borumba Dam HW *	1.16m rising	10:30 PM MON 10/01/11
Yabba Ck at Imbil	7.2m falling	06:30 AM MON 10/01/11
Kandanga Ck at Hygait *	3.35m rising	09:50 PM MON 10/01/11
Amamoor Ck at Zachariah *	3.64m rising	09:18 PM MON 10/01/11
Mary R at Dagun Pocket *	15.93m falling	10:45 PM MON 10/01/11
Six Mile Ck at Lake MacDonald Dr#	4m falling	09:52 PM MON 10/01/11
Six Mile Ck at Cooran #	8.92m steady	10:28 PM MON 10/01/11
Deep Ck at Cedar Pocket Dam #	101.68m steady	10:50 PM MON 10/01/11
Mary R at Gympie Weir *	16.15m rising	03:45 AM MON 10/01/11
Mary R at Gympie #	19.04m rising	10:40 PM MON 10/01/11
Mary R at Fishermans Pocket *	18.3m rising	09:40 PM MON 10/01/11
Wide Bay Ck at Kilkivan *	2m rising	10:40 PM MON 10/01/11
Wide Bay Ck at Brooyar *	3.98m steady	10:36 PM MON 10/01/11
Mary R at Miva *	16.21m rising	09:40 PM MON 10/01/11
Munna Ck at Marodian *	5.72m rising	09:40 PM MON 10/01/11
Mary R at Home Park *	14.69m steady	09:40 PM MON 10/01/11
Mary R at Tiaro	14m falling	03:00 PM MON 10/01/11
Mary R at The Barrage *	8.8m rising	09:05 PM MON 10/01/11
Tinana Ck at Tagigan Rd *	4.6m falling	09:00 PM MON 10/01/11

Tinana Ck at Teddington Weir *	10.89m steady	10:45 PM MON 10/01/11
Tinana Ck at Tinana Barrage *	7.08m steady	06:00 AM MON 10/01/11
Mary R at Maryborough	6.8m falling slowly	03:00 PM MON 10/01/11
Mary R at Churchill St *	5.18m falling	10:41 PM MON 10/01/11
Bunya Ck at Booral Rd #	-0.2m steady	10:30 PM MON 10/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m steady	08:32 PM MON 10/01/11
Urangan Boat Harbour tide *	2.33m rising	09:50 PM MON 10/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 6:33 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Further moderate to heavy rainfall of between 20-70mm has been recorded during the previous 6 hours to 6am Tuesday across the upper reaches of the Mary catchment, particularly in Obi Obi Creek and the upper Mary River. Major flood levels have peaked at Gympie and are currently slowly easing.

In the lower Mary River, major flooding continues between Miva and the Barrage with minor flooding occurring in the Mary River at Maryborough.

Major flooding continues to ease at Dagun Pocket. Moderate flooding is also easing on Yabba Creek in the Imbil area.

A major flood peak to 19.24 metres at Gympie was recorded at 3am Tuesday. At 5:50am Tuesday the Mary River at Gympie was 19.14 metres and falling.

Major flooding continues between Miva and the Barrage and moderate flooding is occurring in Tinana Creek at Teddington Weir. Major flooding will continue between Miva and the Barrage during the next few days.

Minor flooding is occurring downstream at Maryborough. Further renewed rises are expected as floodwaters from the upper Mary catchment arrive during Tuesday morning, which will prolong minor flood levels for the next few days. Further heavy rainfall could change this prediction.

Predicted River Heights/Flows:

Maryborough	River rises during Tuesday and a continuation of minor flooding.
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Weather Forecast:

Rain areas and isolated thunderstorms, gradually easing later in the day.
Moderate to locally heavy falls possible.

Next Issue:

The next warning will be issued at about 11:30am Tuesday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.08m rising	05:30 AM TUE 11/01/11
Obi Obi Ck st Baroon TW #	2.83m falling	06:28 AM TUE 11/01/11
Mary R at Bellbird Ck #	3.38m rising	06:18 AM TUE 11/01/11
Mary R at Kenilworth H/S #	4.57m steady	06:11 AM TUE 11/01/11
Mary R at Moy Pocket #	10.25m steady	06:28 AM TUE 11/01/11
Yabba Ck at Borumba Dam HW *	1.93m falling	05:30 AM TUE 11/01/11
Yabba Ck at Imbil	6.2m rising fast	06:00 AM TUE 11/01/11
Kandanga Ck at Hygait *	7.09m falling	05:30 AM TUE 11/01/11
Amamoor Ck at Zachariah *	8.39m falling	05:20 AM TUE 11/01/11
Mary R at Dagun Pocket *	15.31m falling	05:30 AM TUE 11/01/11
Six Mile Ck at Lake MacDonald Dr#	3.4m falling	05:40 AM TUE 11/01/11
Six Mile Ck at Cooran *	8.61m falling	05:09 AM TUE 11/01/11
Mary R at Gympie #	19.14m falling	05:49 AM TUE 11/01/11
Mary R at Fishermans Pocket *	19.06m steady	05:40 AM TUE 11/01/11
Glastonbury Ck at Glastonbury *	5.44m falling	03:20 AM TUE 11/01/11
Wide Bay Ck at Kilkivan *	8.58m falling	05:50 AM TUE 11/01/11
Wide Bay Ck at Brooyar *	8.27m rising	05:20 AM TUE 11/01/11
Mary R at Miva	16.2m rising slowly	06:00 PM MON 10/01/11
Mary R at Miva *	17.53m rising	05:40 AM TUE 11/01/11
Munna Ck at Marodian *	7.26m rising	05:00 AM TUE 11/01/11
Mary R at Home Park *	14.78m falling	12:18 AM TUE 11/01/11
Mary R at Tiaro	14m falling	03:00 PM MON 10/01/11
Mary R at The Barrage *	8.77m falling	05:10 AM TUE 11/01/11
Tinana Ck at Tagigan Rd *	5.06m rising	05:00 AM TUE 11/01/11
Tinana Ck at Teddington Weir *	10.84m steady	05:47 AM TUE 11/01/11
Tinana Ck at Tinana Barrage *	NA	
Mary R at Maryborough	6.8m falling slowly	03:00 PM MON 10/01/11
Mary R at Churchill St *	5.08m falling	05:41 AM TUE 11/01/11
Bunya Ck at Booral Rd #	-0.1m rising	06:24 AM TUE 11/01/11
Black Swamp Ck at Maryborough Rd #	-2.3m rising	06:08 AM TUE 11/01/11
Urangan Boat Harbour tide *	1.68m falling	05:50 AM TUE 11/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 11:51 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

40 - 60 mm or rainfall has been recorded over the Obi Obi Creek and Upper Mary River areas. This is causing further rises in the upper reaches of the Mary River between Kenilworth and Moy Pocket. Major flood levels have peaked at

Gympie and will continue to slowly ease.

In the lower Mary River, major flooding continues between Miva and the Barrage with minor flooding occurring in the Mary River at Maryborough.

Major flooding continues to ease slowly at Dagun Pocket. Moderate flooding is also easing on Yabba Creek in the Imbil area.

A major flood peak to 19.24 metres at Gympie was recorded at 3am Tuesday. At 11am Tuesday the Mary River at Gympie was 19.0 metres and falling slowly.

Major flooding continues between Miva and the Barrage with further rises expected during Tuesday. Major flooding is expected to continue for the next few days. Moderate flooding is occurring in Tinana Creek at Teddington Weir.

Minor flooding is occurring downstream at Maryborough. Further renewed rises are expected during Tuesday and Wednesday as floodwaters from the upper Mary catchment arrive. This will prolong minor flood levels for the next few days.

Predicted River Heights/Flows:

Maryborough River rises during Tuesday and a continuation of minor flooding.

Weather Forecast:

Scattered showers and isolated thunderstorms tending to rain at times. Possible falls in southern parts.

Next Issue:

The next warning will be issued at about 4pm Tuesday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.22m rising	10:30 AM TUE 11/01/11
Obi Obi Ck st Baroon TW #	3.03m rising	10:38 AM TUE 11/01/11
Mary R at Bellbird Ck #	4.63m falling	10:44 AM TUE 11/01/11
Mary R at Bellbird Ck *	4.74m falling	10:30 AM TUE 11/01/11
Mary R at Kenilworth H/S #	6.77m rising	11:02 AM TUE 11/01/11
Mary R at Moy Pocket #	10.65m rising	11:13 AM TUE 11/01/11
Mary R at Moy Pocket *	10.46m rising	04:15 AM TUE 11/01/11
Yabba Ck at Borumba Dam HW *	1.58m falling	10:30 AM TUE 11/01/11
Yabba Ck at Imbil	6.2m rising fast	06:00 AM TUE 11/01/11
Kandanga Ck at Hygait *	5.28m falling	10:20 AM TUE 11/01/11
Amamoor Ck at Zachariah *	4.62m falling	09:40 AM TUE 11/01/11
Mary R at Dagun Pocket *	15.02m falling	10:30 AM TUE 11/01/11
Six Mile Ck at Lake MacDonald Dr#	3.1m falling	09:49 AM TUE 11/01/11
Six Mile Ck at Cooran *	8.1m falling	10:35 AM TUE 11/01/11
Six Mile Ck at Cooran #	8.72m falling	02:35 AM TUE 11/01/11
Deep Ck at Cedar Pocket Dam #	101.42m steady	11:10 AM TUE 11/01/11
Mary R at Gympie	19.2m falling slowly	07:45 AM TUE 11/01/11
Mary R at Gympie #	18.89m falling	10:10 AM TUE 11/01/11
Mary R at Fishermans Pocket *	18.75m falling	10:10 AM TUE 11/01/11
Glastonbury Ck at Glastonbury *	5.44m falling	03:20 AM TUE 11/01/11
Wide Bay Ck at Kilkivan *	4.05m falling	10:40 AM TUE 11/01/11
Wide Bay Ck at Brooyar *	10.6m rising	10:20 AM TUE 11/01/11
Mary R at Miva	18.6m rising slowly	09:00 AM TUE 11/01/11
Mary R at Miva *	18.61m rising	10:40 AM TUE 11/01/11
Munna Ck at Marodian *	6.97m falling	10:40 AM TUE 11/01/11
Mary R at Home Park *	16.14m rising	10:20 AM TUE 11/01/11
Mary R at Tiaro	14.6m rising	09:00 AM TUE 11/01/11
Mary R at The Barrage *	8.95m falling	09:55 AM TUE 11/01/11
Tinana Ck at Tagigan Rd *	5.11m falling	10:00 AM TUE 11/01/11
Tinana Ck at Teddington Weir *	10.82m steady	10:42 AM TUE 11/01/11

Tinana Ck at Tinana Barrage *	5.78m steady	06:00 AM TUE 11/01/11
Mary R at Maryborough	6.1m falling slowly	10:00 AM TUE 11/01/11
Mary R at Churchill St *	5.08m falling	10:40 AM TUE 11/01/11
Bunya Ck at Booral Rd #	0.25m falling	11:14 AM TUE 11/01/11
Black Swamp Ck at Maryborough Rd #	-2.25m steady	08:32 AM TUE 11/01/11
Urangan Boat Harbour tide *	2.91m rising	10:50 AM TUE 11/01/11

*, # denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 4:41 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfalls of up to 160mm have been recorded since 9am Tuesday in the Obi Obi Creek and Upper Mary River catchments. This is causing renewed rises in the upper reaches of the Mary River between Bellbird Creek and Moy Pocket.

Major flood levels have peaked at Gympie and are expected to continue to slowly ease.

In the lower Mary River, major flooding continues between Miva and the Barrage. Minor flooding is rising slowly in the Mary River at Maryborough with a peak near the moderate flood level of 8 metres expected around midday Wednesday.

Major flooding continues to ease slowly at Dagon Pocket. Minor flooding is also easing on Yabba Creek in the Imbil area.

A major flood peak of 19.24 metres was recorded at Gympie at around 3am Tuesday morning. At 3:52pm Tuesday the Mary River at Gympie was 18.49 metres and falling.

Major flooding continues between Miva and the Barrage with further rises expected during Tuesday and major flooding is expected to continue for the next few days. Moderate flooding is occurring in Tinana Creek at Teddington Weir.

Minor flooding is occurring downstream at Maryborough. Further renewed rises are expected during Tuesday and Wednesday as floodwaters from the upper Mary catchment arrive. A peak near the moderate flood level of 8 metres is expected at Maryborough around midday Wednesday.

Predicted River Heights/Flows:
Mary River at:

Gympie Continue to fall slowly

Maryborough Peak near the moderate flood level (8 metres)

around midday Wednesday.

Weather Forecast:

Scattered showers and isolated thunderstorms tending to rain at times. Possible falls in southern parts.

Next Issue:

The next warning will be issued at about 10pm Tuesday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.81m falling	02:30 PM TUE 11/01/11
Obi Obi Ck st Baroon TW #	3.84m steady	03:58 PM TUE 11/01/11
Mary R at Bellbird Ck #	5.93m steady	03:55 PM TUE 11/01/11
Mary R at Kenilworth H/S #	8.72m rising	03:57 PM TUE 11/01/11
Mary R at Moy Pocket #	12.25m rising	03:55 PM TUE 11/01/11
Yabba Ck at Borumba Dam HW *	1.24m falling	03:30 PM TUE 11/01/11
Yabba Ck at Imbil	6.2m rising fast	06:00 AM TUE 11/01/11
Kandanga Ck at Hygait *	3.91m falling	03:00 PM TUE 11/01/11
Amamoor Ck at Zachariah *	3.56m falling	02:20 PM TUE 11/01/11
Mary R at Dagun Pocket *	14.67m falling	03:45 PM TUE 11/01/11
Six Mile Ck at Lake MacDonald Dr#	3.7m rising	03:52 PM TUE 11/01/11
Six Mile Ck at Cooran #	8.72m falling	02:35 AM TUE 11/01/11
Deep Ck at Cedar Pocket Dam #	101.38m steady	02:30 PM TUE 11/01/11
Mary R at Gympie #	18.49m falling	03:52 PM TUE 11/01/11
Mary R at Fishermans Pocket *	18.35m falling	03:20 PM TUE 11/01/11
Glastonbury Ck at Glastonbury *	5.44m falling	03:20 AM TUE 11/01/11
Wide Bay Ck at Kilkivan *	2.4m falling	03:00 PM TUE 11/01/11
Wide Bay Ck at Brooyar *	7.91m falling	02:50 PM TUE 11/01/11
Mary R at Miva *	19.34m rising	03:40 PM TUE 11/01/11
Munna Ck at Marodian *	5.89m falling	03:40 PM TUE 11/01/11
Mary R at Home Park *	17.19m rising	03:40 PM TUE 11/01/11
Mary R at Tiaro	15.2m rising slowly	03:00 PM TUE 11/01/11
Mary R at The Barrage *	9.35m rising	03:10 PM TUE 11/01/11
Tinana Ck at Tagigan Rd *	4.83m falling	03:00 PM TUE 11/01/11
Tinana Ck at Teddington Weir *	10.81m steady	03:42 PM TUE 11/01/11
Tinana Ck at Tinana Barrage *	5.78m steady	06:00 AM TUE 11/01/11
Mary R at Maryborough	6.3m rising	02:20 PM TUE 11/01/11
Mary R at Churchill St *	5.26m rising	03:41 PM TUE 11/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 10:09 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfalls of up to 190mm have been recorded since 9am Tuesday in the Obi Obi

Creek and Upper Mary River catchments. Renewed rises in the upper reaches of the Mary River between Bellbird Creek and Moy Pocket.

Major flood levels have peaked at Gympie and are expected to continue to slowly ease.

In the lower Mary River, major flooding continues between Miva and the Barrage. Minor flooding is rising slowly in the Mary River at Maryborough with a peak near the moderate flood level of 8 metres expected around midday Wednesday.

Major flooding continues to ease slowly at Dagun Pocket. Minor flooding is also easing on Yabba Creek in the Imbil area.

Major flood levels are expected to continue easing overnight Tuesday and into Wednesday at Gympie. At 9:20pm Tuesday the Mary River at Gympie was 18.04m and continuing to fall.

Major flooding continues between Miva and the Barrage with further rises expected during Tuesday and major flooding is expected to continue for the next few days. Moderate flooding is occurring in Tinana Creek at Teddington Weir.

Minor flooding is occurring downstream at Maryborough. Renewed rises are expected to continue into Wednesday as floodwaters from the upper Mary catchment arrive. A peak near the moderate flood level of 8 metres is expected at Maryborough around midday Wednesday.

Predicted River Heights/Flows:
Mary River at:

Gympie	Continue to fall slowly.
Maryborough	Peak near the moderate flood level (8 metres) around midday Wednesday.

Weather Forecast:
Isolated showers and thunderstorms, tending to scattered showers and rain areas in the south. Some moderate falls possible in southern parts.

Next Issue:
The next warning will be issued at about 8am Tuesday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	1.15m falling	08:00 PM TUE 11/01/11
Obi Obi Ck st Baroon TW #	3.49m steady	09:33 PM TUE 11/01/11
Mary R at Bellbird Ck #	5.08m rising	09:01 PM TUE 11/01/11
Mary R at Kenilworth H/S #	8.72m falling	09:47 PM TUE 11/01/11
Mary R at Moy Pocket #	13.75m rising	09:50 PM TUE 11/01/11
Yabba Ck at Borumba Dam HW *	1.2m falling	09:30 PM TUE 11/01/11
Yabba Ck at Imbil	6.2m rising fast	06:00 AM TUE 11/01/11
Kandanga Ck at Hygait *	3.11m falling	08:00 PM TUE 11/01/11
Amamoor Ck at Zachariah *	3.1m steady	08:00 PM TUE 11/01/11
Mary R at Dagun Pocket *	14.35m rising	09:30 PM TUE 11/01/11
Six Mile Ck at Lake MacDonald Dr#	5m rising	09:36 PM TUE 11/01/11
Six Mile Ck at Cooran #	8.72m falling	02:35 AM TUE 11/01/11
Deep Ck at Cedar Pocket Dam #	101.36m steady	07:53 PM TUE 11/01/11
Mary R at Gympie #	18.04m falling	09:22 PM TUE 11/01/11
Mary R at Fishermans Pocket *	17.86m falling	08:30 PM TUE 11/01/11
Glastonbury Ck at Glastonbury *	5.44m falling	03:20 AM TUE 11/01/11
Wide Bay Ck at Kilkivan *	1.77m falling	09:00 PM TUE 11/01/11
Wide Bay Ck at Brooyar *	5.38m falling	09:00 PM TUE 11/01/11
Mary R at Miva *	19.34m falling	08:40 PM TUE 11/01/11
Munna Ck at Marodian *	4.95m falling	08:49 PM TUE 11/01/11

Mary R at Home Park *	18.06m rising	08:40 PM TUE 11/01/11
Mary R at Tiaro	15.2m rising slowly	03:00 PM TUE 11/01/11
Mary R at The Barrage *	9.99m rising	09:05 PM TUE 11/01/11
Tinana Ck at Tagigan Rd *	4.58m falling	08:00 PM TUE 11/01/11
Tinana Ck at Teddington Weir *	10.83m steady	09:42 PM TUE 11/01/11
Tinana Ck at Tinana Barrage *	5.78m steady	06:00 AM TUE 11/01/11
Mary R at Maryborough	6.55m rising	08:30 PM TUE 11/01/11
Mary R at Churchill St *	5.56m rising	09:41 PM TUE 11/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 7:16 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

The heavy rainfall has eased overnight to isolated rain areas and showers across the Mary River catchment. Stream levels are generally easing across the Mary catchment during Wednesday morning, where major flooding is easing at Gympie.

Major flooding continues in the lower Mary River between Miva and the Barrage, where the main flood peak is currently in the Home Park area. Minor flooding continues to slowly rise downstream at Maryborough with a peak near the moderate flood level of 8 metres expected around midday Wednesday.

Minor to moderate flooding continues to ease along the upper Mary River between Kenilworth and Dagun Pocket. Major flood levels are easing at Gympie, where at 6:25am Wednesday the river level was 17.34m and continuing to fall. Creek rises and moderate flooding is occurring at Cooran in Six Mile Creek, and approaching a peak during Wednesday morning.

Major flooding continues in the lower Mary River between Miva and the Barrage, where the flood peak is currently in the Home Park area. Moderate flooding continues in Tinana Creek at Teddington Weir.

River rises and minor flooding continues downstream at Maryborough, where a peak near the moderate flood level of 8 metres is expected at Maryborough around midday Wednesday.

Predicted River Heights/Flows:
Mary River at:

Gympie	Continue to fall slowly.
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Maryborough	Peak near the moderate flood level (8 metres) around midday Wednesday.
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Weather Forecast:

Patchy rain areas, scattered showers and isolated thunderstorms, easing to isolated showers during the day.

Next Issue:

The next warning will be issued at about 11am Wednesday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.68m steady	05:00 AM WED 12/01/11
Obi Obi Ck st Baroon TW #	2.49m falling	07:03 AM WED 12/01/11
Mary R at Bellbird Ck #	2.73m steady	06:55 AM WED 12/01/11
Mary R at Kenilworth H/S #	4.67m falling	07:08 AM WED 12/01/11
Mary R at Moy Pocket #	11.6m falling	07:01 AM WED 12/01/11
Yabba Ck at Borumba Dam HW *	1.14m falling	11:30 PM TUE 11/01/11
Yabba Ck at Imbil	NA	
Kandanga Ck at Hygait *	2.2m falling	06:00 AM WED 12/01/11
Amamoor Ck at Zachariah *	2.78m falling	06:00 AM WED 12/01/11
Mary R at Dagun Pocket *	14.43m rising	01:45 AM WED 12/01/11
Six Mile Ck at Lake MacDonald Dr#	4.25m falling	06:59 AM WED 12/01/11
Six Mile Ck at Cooran #	8.77m rising	06:44 AM WED 12/01/11
Deep Ck at Cedar Pocket Dam #	101.4m steady	07:03 AM WED 12/01/11
Mary R at Gympie #	17.34m falling	06:25 AM WED 12/01/11
Mary R at Fishermans Pocket *	16.97m falling	06:00 AM WED 12/01/11
Glastonbury Ck at Glastonbury *	1.87m steady	06:00 AM WED 12/01/11
Wide Bay Ck at Kilkivan *	1.58m steady	06:00 AM WED 12/01/11
Wide Bay Ck at Brooyar *	4.17m falling	06:00 AM WED 12/01/11
Mary R at Miva *	18.39m falling	06:40 AM WED 12/01/11
Munna Ck at Marodian *	5.29m rising	06:30 AM WED 12/01/11
Mary R at Home Park *	18.46m rising	12:20 AM WED 12/01/11
Mary R at Tiaro	15.2m rising slowly	03:00 PM TUE 11/01/11
Mary R at The Barrage *	10.93m rising	06:00 AM WED 12/01/11
Tinana Ck at Tagigan Rd *	4.45m falling	11:00 PM TUE 11/01/11
Tinana Ck at Teddington Weir *	10.84m steady	06:50 AM WED 12/01/11
Tinana Ck at Tinana Barrage *	6.88m rising	06:10 AM WED 12/01/11
Mary R at Maryborough	6.7m rising	10:15 PM TUE 11/01/11
Mary R at Churchill St *	6.22m rising	06:41 AM WED 12/01/11
Bunya Ck at Booral Rd #	-0.15m rising	05:45 AM WED 12/01/11
Black Swamp Ck at Maryborough Rd #	-2.3m steady	05:32 AM WED 12/01/11
Urangan Boat Harbour tide *	1.9m steady	06:50 AM WED 12/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a lowcall cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 10:52 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

The heavy rainfall has eased overnight to isolated rain areas and showers across the Mary River catchment. Stream levels are generally easing across the Mary catchment during Wednesday morning, where major flooding is easing at Gympie.

Major flooding continues in the lower Mary River between Miva and the Barrage, where the main flood peak is currently in the Home Park area. Minor flooding continues to slowly rise downstream at Maryborough with a peak near the moderate flood level of 8 metres expected early Wednesday afternoon.

Minor to moderate flooding continues to ease along the upper Mary River between Kenilworth and Dagon Pocket. Major flood levels are easing at Gympie, where at 10am Wednesday the river level was 17.19 metres and expected to fall below the major flood level of 17.0 metres by Wednesday afternoon. Creek rises and moderate flooding is occurring at Cooran in Six Mile Creek, and approaching a peak during Wednesday morning.

Major flooding continues in the lower Mary River between Miva and the Barrage, where the flood peak is currently in the Home Park area. Moderate flooding continues in Tinana Creek at Teddington Weir.

River rises and minor flooding continues downstream at Maryborough, where a peak near the moderate flood level of 8 metres is expected at Maryborough early Wednesday afternoon.

Predicted River Heights/Flows:
Mary River at:

Gympie Expected to fall below the major flood level of 17.0 metres by Wednesday afternoon.

Maryborough Peak near the moderate flood level (8 metres) early Wednesday afternoon.

Weather Forecast:
Isolated showers.

Next Issue:
The next warning will be issued at about 5pm Wednesday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.64m steady	09:00 AM WED 12/01/11
Obi Obi Ck st Baroon TW #	2.17m falling	10:28 AM WED 12/01/11
Mary R at Bellbird Ck #	2.48m falling	10:02 AM WED 12/01/11
Mary R at Bellbird Ck *	2.6m falling	09:00 AM WED 12/01/11
Mary R at Kenilworth H/S #	3.67m falling	10:32 AM WED 12/01/11
Mary R at Moy Pocket #	10.55m rising	10:31 AM WED 12/01/11
Mary R at Moy Pocket *	10.88m falling	09:20 AM WED 12/01/11
Yabba Ck at Borumba Dam HW *	1.14m falling	11:30 PM TUE 11/01/11
Kandanga Ck at Hygait *	2.04m falling	09:00 AM WED 12/01/11
Amamoor Ck at Zachariah *	2.76m falling	09:00 AM WED 12/01/11
Mary R at Dagon Pocket *	14.43m rising	01:45 AM WED 12/01/11
Six Mile Ck at Lake MacDonald Dr#	3.85m falling	10:19 AM WED 12/01/11
Six Mile Ck at Cooran #	8.82m steady	10:28 AM WED 12/01/11
Deep Ck at Cedar Pocket Dam #	101.4m steady	07:53 AM WED 12/01/11
Mary R at Gympie	17.5m falling	05:00 AM WED 12/01/11
Mary R at Gympie #	17.19m falling	09:46 AM WED 12/01/11
Mary R at Fishermans Pocket *	16.72m falling	09:50 AM WED 12/01/11
Glastonbury Ck at Glastonbury *	1.89m rising	07:00 AM WED 12/01/11
Wide Bay Ck at Kilkivan *	1.62m rising	09:00 AM WED 12/01/11
Wide Bay Ck at Brooyar *	4m falling	09:00 AM WED 12/01/11
Mary R at Miva	18.35m falling slowly	09:00 AM WED 12/01/11
Mary R at Miva *	18.03m falling	09:40 AM WED 12/01/11

Munna Ck at Marodian *	5.47m rising	09:00 AM WED 12/01/11
Mary R at Home Park *	18.63m falling	09:40 AM WED 12/01/11
Mary R at Tiaro	17m rising	08:00 AM WED 12/01/11
Mary R at The Barrage *	11.17m rising	09:10 AM WED 12/01/11
Tinana Ck at Tagigan Rd *	4.45m falling	11:00 PM TUE 11/01/11
Tinana Ck at Teddington Weir *	10.83m steady	09:40 AM WED 12/01/11
Tinana Ck at Tinana Barrage *	6.88m rising	06:10 AM WED 12/01/11
Mary R at Maryborough	7.4m rising slowly	07:00 AM WED 12/01/11
Mary R at Churchill St *	6.43m rising	09:40 AM WED 12/01/11
Bunya Ck at Booral Rd #	-0.15m steady	10:30 AM WED 12/01/11
Black Swamp Ck at Maryborough Rd #	-2.35m steady	08:32 AM WED 12/01/11
Urangan Boat Harbour tide *	2.25m rising	09:50 AM WED 12/01/11

* denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 4:53 PM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

River levels are easing across the upper Mary catchment with rises continuing at the bottom of Tinana Creek and at Maryborough.

Major flooding continues in the lower Mary River between Miva and the Barrage, where the main flood peak is currently in the Barrage area. Minor flooding continues to slowly rise downstream at Maryborough with a peak near the moderate flood level of 8 metres expected during Wednesday evening.

Minor to moderate flooding continues to ease along the upper Mary River between Moy Pocket and Dagon Pocket and in Six Mile Creek at Cooran. Major flood levels are easing at Gympie, where at 3pm Wednesday the river level was 17.04 metres.

River rises and minor flooding continues to rise downstream at Maryborough, where a peak near the moderate flood level of 8 metres is expected at Maryborough during Wednesday evening.

Predicted River Heights/Flows:
Mary River at:

Maryborough Peak near the moderate flood level (8 metres) early
Wednesday afternoon.

Weather Forecast:
Isolated showers.

Next Issue:
The next warning will be issued at about 11pm Wednesday.

Latest River Heights:

Obi Obi Ck st Baroon TW #	1.82m falling	03:53 PM WED 12/01/11
Mary R at Bellbird Ck #	2.23m steady	03:55 PM WED 12/01/11
Mary R at Kenilworth H/S #	2.82m falling	04:14 PM WED 12/01/11
Mary R at Moy Pocket #	9.05m falling	04:24 PM WED 12/01/11
Kandanga Ck at Hygait *	1.83m falling	03:00 PM WED 12/01/11
Amamoor Ck at Zachariah *	2.73m falling	11:00 AM WED 12/01/11
Mary R at Dagun Pocket *	14.43m rising	01:45 AM WED 12/01/11
Six Mile Ck at Lake MacDonald Dr#	3.25m falling	04:17 PM WED 12/01/11
Six Mile Ck at Cooran #	8.22m steady	04:28 PM WED 12/01/11
Deep Ck at Cedar Pocket Dam #	101.32m steady	04:20 PM WED 12/01/11
Mary R at Gympie #	17.04m steady	03:01 PM WED 12/01/11
Mary R at Fishermans Pocket *	16.61m rising	02:00 PM WED 12/01/11
Glastonbury Ck at Glastonbury *	2.25m falling	12:00 PM WED 12/01/11
Wide Bay Ck at Kilkivan *	1.5m falling	03:00 PM WED 12/01/11
Wide Bay Ck at Brooyar *	4.05m falling	03:00 PM WED 12/01/11
Mary R at Miva *	17.41m steady	03:10 PM WED 12/01/11
Munna Ck at Marodian *	5.24m falling	03:00 PM WED 12/01/11
Mary R at Home Park *	18.21m falling	03:20 PM WED 12/01/11
Mary R at Tiaro	16.85m falling	03:00 PM WED 12/01/11
Mary R at The Barrage *	11.33m falling	03:10 PM WED 12/01/11
Tinana Ck at Teddington Weir *	10.81m steady	03:41 PM WED 12/01/11
Tinana Ck at Tinana Barrage *	6.88m rising	06:10 AM WED 12/01/11
Mary R at Maryborough	7.77m rising slowly	02:00 PM WED 12/01/11
Mary R at Churchill St *	6.76m rising	03:41 PM WED 12/01/11

#,* from automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 10:33 PM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

River levels are easing across the upper Mary catchment with rises continuing at the bottom of Tinana Creek and at Maryborough.

Major flooding continues in the lower Mary River between Miva and the Barrage, where the main flood peak is currently in the Barrage area. Minor flooding continues to slowly rise downstream at Maryborough with a peak near the moderate flood level of 8 metres expected during Wednesday evening.

Minor to moderate flooding continues to ease along the upper Mary River between Moy Pocket and Dagun Pocket and in Six Mile Creek at Cooran.

The Mary River at Gympie has fallen below major flood levels and is continuing to fall.

River rises and minor flooding continues to rise downstream at Maryborough, where a peak near the moderate flood level of 8 metres is expected at Maryborough during Wednesday evening.

Predicted River Heights/Flows:

Mary River at:

Maryborough Peak near the moderate flood level (8 metres)
 Wednesday evening.

Weather Forecast:

Isolated showers.

Next Issue:

The next warning will be issued at about 11am Thursday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.6m steady	09:00 PM WED 12/01/11
Obi Obi Ck st Baroon TW #	1.62m steady	09:58 PM WED 12/01/11
Mary R at Bellbird Ck *	2.15m falling	09:00 PM WED 12/01/11
Mary R at Kenilworth H/S #	2.47m falling	10:00 PM WED 12/01/11
Mary R at Moy Pocket *	8.06m falling	09:20 PM WED 12/01/11
Yabba Ck at Borumba Dam HW *	0.65m falling	09:00 PM WED 12/01/11
Kandanga Ck at Hygait *	1.75m falling	09:00 PM WED 12/01/11
Amamoor Ck at Zachariah *	2.65m steady	09:00 PM WED 12/01/11
Mary R at Dagun Pocket *	13.1m falling	09:45 PM WED 12/01/11
Six Mile Ck at Lake MacDonald Dr#	2.7m falling	10:02 PM WED 12/01/11
Six Mile Ck at Cooran *	7.69m falling	09:00 PM WED 12/01/11
Deep Ck at Cedar Pocket Dam #	101.27m steady	09:10 PM WED 12/01/11
Mary R at Gympie #	16.64m falling	09:40 PM WED 12/01/11
Mary R at Fishermans Pocket *	16.28m steady	09:10 PM WED 12/01/11
Glastonbury Ck at Glastonbury *	2.25m falling	12:00 PM WED 12/01/11
Wide Bay Ck at Kilkivan *	1.39m falling	09:00 PM WED 12/01/11
Wide Bay Ck at Brooyar *	3.77m falling	09:00 PM WED 12/01/11
Mary R at Miva	18.35m falling slowly	09:00 AM WED 12/01/11
Munna Ck at Marodian *	4.33m falling	09:20 PM WED 12/01/11
Mary R at Home Park *	17.61m falling	08:50 PM WED 12/01/11
Mary R at Tiaro	16.85m falling	03:00 PM WED 12/01/11
Mary R at The Barrage *	11.32m rising	09:10 PM WED 12/01/11
Tinana Ck at Tagigan Rd *	3.26m falling	09:00 PM WED 12/01/11
Tinana Ck at Teddington Weir *	10.78m steady	09:52 PM WED 12/01/11
Tinana Ck at Tinana Barrage *	6.88m rising	06:10 AM WED 12/01/11
Mary R at Maryborough	7.77m rising slowly	02:00 PM WED 12/01/11
Mary R at Churchill St *	6.92m steady	09:40 PM WED 12/01/11

#, * automatic station

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TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 7:27 AM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

Moderate flooding continues to ease in the Mary River at Gympie, with major flooding also easing downstream between Miva and The Barrage. A minor flood peak at Maryborough just below the moderate flood level of 8 metres was recorded at 9pm Wednesday, with minor flooding currently easing during Thursday morning.

Minor flooding continues to ease in the upper Mary River at Dagun Pocket, with moderate flood levels also easing at Gympie. At 7am Thursday the river level at Gympie was 15.49 metres, with river levels expected to fall away more quickly during Thursday.

Stream levels have eased below minor flood levels along Six Mile Creek.

Major flooding continues to ease along the lower Mary River between Miva and The Barrage. Minor to moderate flooding is similarly easing in Tinana Creek at Teddington Weir and at Tinana Barrage.

Minor flood levels are easing downstream at Maryborough, where a minor flood peak to 7.95 metres was recorded at 9pm Wednesday. At 5am Thursday the river level at Maryborough was 7.8 metres, with levels expected to continue to fall away during Thursday.

Weather Forecast:
Isolated showers.

Next Issue:
The next warning will be issued at about 1pm Thursday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.56m steady	05:00 AM THU 13/01/11
Obi Obi Ck st Baroon TW #	1.32m steady	07:13 AM THU 13/01/11
Mary R at Bellbird Ck #	1.88m steady	06:55 AM THU 13/01/11
Mary R at Kenilworth H/S #	2.07m falling	07:18 AM THU 13/01/11
Mary R at Moy Pocket #	6.4m falling	07:05 AM THU 13/01/11
Yabba Ck at Borumba Dam HW *	0.54m steady	06:00 AM THU 13/01/11
Kandanga Ck at Hygait *	1.57m falling	06:00 AM THU 13/01/11
Amamoor Ck at Zachariah *	2.53m steady	06:00 AM THU 13/01/11
Mary R at Dagun Pocket *	11.76m falling	06:30 AM THU 13/01/11
Six Mile Ck at Lake MacDonald Dr#	2.05m falling	07:17 AM THU 13/01/11
Six Mile Ck at Cooran *	6.3m falling	06:00 AM THU 13/01/11
Mary R at Gympie Weir *	16.08m falling	06:30 AM THU 13/01/11
Mary R at Gympie #	15.44m falling	07:17 AM THU 13/01/11
Mary R at Fishermans Pocket *	15.39m falling	06:10 AM THU 13/01/11
Glastonbury Ck at Glastonbury *	1.68m steady	05:00 AM THU 13/01/11
Wide Bay Ck at Kilkivan *	1.27m falling	06:00 AM THU 13/01/11
Wide Bay Ck at Brooyar *	3.4m falling	06:00 AM THU 13/01/11
Mary R at Miva *	16.27m falling	06:00 AM THU 13/01/11
Munna Ck at Marodian *	3.52m falling	06:00 AM THU 13/01/11
Mary R at Home Park *	16.51m falling	06:10 AM THU 13/01/11
Mary R at Tiaro	16.85m falling	03:00 PM WED 12/01/11
Mary R at The Barrage *	10.83m falling	06:10 AM THU 13/01/11
Tinana Ck at Tagigan Rd *	2.99m falling	06:00 AM THU 13/01/11
Tinana Ck at Teddington Weir *	10.7m steady	06:42 AM THU 13/01/11
Tinana Ck at Tinana Barrage *	7.32m steady	06:00 AM THU 13/01/11
Mary R at Maryborough	7.8m falling slowly	05:00 AM THU 13/01/11
Mary R at Churchill St *	6.64m falling	06:41 AM THU 13/01/11

Bunya Ck at Booral Rd #	-0.2m steady	04:30 AM THU 13/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m steady	05:32 AM THU 13/01/11
Urangan Boat Harbour tide *	2.28m falling	05:50 AM THU 13/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 12:57 PM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

Moderate flooding continues to ease in the Mary River at Gympie, with major flooding also easing downstream between Miva and The Barrage. A minor flood peak at Maryborough just below the moderate flood level of 8 metres was recorded at 9pm Wednesday, with minor flooding currently easing during Thursday.

Minor flooding continues to ease in the upper Mary River at Dagun Pocket, with moderate flood levels also easing at Gympie. At 12:30pm Thursday the river level at Gympie was 14.59 metres, with river levels expected to fall away more quickly during Thursday and Friday.

Major flooding continues to ease along the lower Mary River between Miva and The Barrage. Minor to moderate flooding is similarly easing in Tinana Creek at Teddington Weir and at Tinana Barrage.

Minor flood levels are easing downstream at Maryborough, where a minor flood peak to 7.95 metres was recorded at 9pm Wednesday. At 12:40pm Thursday the river level at Churchill St was 6.4 metres, with levels at Maryborough expected to continue to fall away during Thursday.

Weather Forecast:
A shower or two.

Next Issue:
The next warning will be issued at about 8pm Thursday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.55m steady	11:00 AM THU 13/01/11
Obi Obi Ck st Baroon TW #	1.21m steady	12:23 PM THU 13/01/11
Mary R at Bellbird Ck #	1.78m falling	10:26 AM THU 13/01/11
Mary R at Kenilworth H/S #	1.87m falling	12:26 PM THU 13/01/11
Mary R at Moy Pocket #	5.7m falling	12:40 PM THU 13/01/11
Kandanga Ck at Hygait *	1.47m falling	11:00 AM THU 13/01/11
Amamoor Ck at Zachariah *	2.49m steady	11:00 AM THU 13/01/11
Mary R at Dagun Pocket *	10.92m falling	12:30 PM THU 13/01/11
Six Mile Ck at Lake MacDonald Dr#	1.85m steady	11:37 AM THU 13/01/11
Six Mile Ck at Cooran *	5.47m falling	11:00 AM THU 13/01/11

Mary R at Gympie Weir *	15.83m falling	08:15 AM THU 13/01/11
Mary R at Gympie #	14.59m falling	12:28 PM THU 13/01/11
Mary R at Fishermans Pocket *	14.99m falling	09:10 AM THU 13/01/11
Glastonbury Ck at Glastonbury *	1.62m falling	10:00 AM THU 13/01/11
Wide Bay Ck at Kilkivan *	1.22m falling	12:00 PM THU 13/01/11
Wide Bay Ck at Brooyar *	3.22m falling	12:00 PM THU 13/01/11
Mary R at Miva *	15.86m falling	11:40 AM THU 13/01/11
Munna Ck at Marodian *	3.37m falling	11:00 AM THU 13/01/11
Mary R at Home Park *	15.78m falling	11:50 AM THU 13/01/11
Mary R at Tiaro	15.5m falling slowly	09:00 AM THU 13/01/11
Mary R at The Barrage *	10.34m falling	12:00 PM THU 13/01/11
Tinana Ck at Tagigan Rd *	2.79m falling	11:00 AM THU 13/01/11
Tinana Ck at Teddington Weir *	10.62m falling	12:42 PM THU 13/01/11
Tinana Ck at Tinana Barrage *	7.32m falling	06:00 AM THU 13/01/11
Mary R at Maryborough	7.8m falling slowly	05:00 AM THU 13/01/11
Mary R at Churchill St *	6.4m falling	12:41 PM THU 13/01/11
Bunya Ck at Booral Rd #	-0.2m steady	10:30 AM THU 13/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m steady	11:32 AM THU 13/01/11
Urangan Boat Harbour tide *	1.9m rising	09:50 AM THU 13/01/11

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<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 8:01 PM on Thursday the 13th of January 2011
 by the Bureau of Meteorology, Brisbane.

Moderate flooding continues to ease in the Mary River at Gympie, with moderate to major flooding also easing downstream between Miva and The Barrage. A minor flood peak at Maryborough just below the moderate flood level of 8 metres was recorded at 9pm Wednesday, and minor flooding will continue easing during Thursday evening and Friday.

Minor flooding continues to ease in the upper Mary River at Dagun Pocket, with moderate flood levels also easing at Gympie. At 7:19pm Thursday the river level at Gympie was 13.39 metres, with river levels expected to fall away more quickly during Thursday evening and Friday.

Major flooding continues to ease along the lower Mary River between Miva and The Barrage. Minor to moderate flooding is similarly easing in Tinana Creek at Teddington Weir and at Tinana Barrage.

Minor flood levels are easing downstream at Maryborough, where a minor flood peak to 7.95 metres was recorded at 9pm Wednesday. At 6:40pm Thursday the river level at Churchill St was 5.98 metres, with levels at Maryborough expected to continue to fall away during Thursday evening.

Next Issue:

The next warning will be issued at about 9am Friday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.53m steady	06:00 PM THU 13/01/11
Obi Obi Ck st Baroon TW #	1.12m falling	07:08 PM THU 13/01/11
Mary R at Bellbird Ck #	1.68m steady	06:55 PM THU 13/01/11
Mary R at Kenilworth H/S #	1.67m falling	07:00 PM THU 13/01/11
Mary R at Moy Pocket #	5.15m rising	07:04 PM THU 13/01/11
Yabba Ck at Borumba Dam HW *	0.44m steady	06:00 PM THU 13/01/11
Kandanga Ck at Hygait *	1.34m falling	06:00 PM THU 13/01/11
Amamoor Ck at Zachariah *	2.44m steady	06:00 PM THU 13/01/11
Mary R at Dagun Pocket *	9.85m falling	06:45 PM THU 13/01/11
Six Mile Ck at Lake MacDonald Dr#	1.5m falling	06:55 PM THU 13/01/11
Six Mile Ck at Cooran #	4.32m falling	07:00 PM THU 13/01/11
Deep Ck at Cedar Pocket Dam #	101.15m steady	05:10 PM THU 13/01/11
Mary R at Gympie Weir *	15.83m falling	08:15 AM THU 13/01/11
Mary R at Gympie #	13.39m falling	07:19 PM THU 13/01/11
Mary R at Fishermans Pocket *	13.78m falling	05:50 PM THU 13/01/11
Glastonbury Ck at Glastonbury *	1.6m falling	12:00 PM THU 13/01/11
Wide Bay Ck at Kilkivan *	1.16m steady	06:00 PM THU 13/01/11
Wide Bay Ck at Brooyar *	3.07m falling	06:00 PM THU 13/01/11
Mary R at Miva *	15.31m rising	06:30 PM THU 13/01/11
Munna Ck at Marodian *	3.28m falling	06:00 PM THU 13/01/11
Mary R at Home Park *	15.11m falling	06:00 PM THU 13/01/11
Mary R at Tiaro	14.9m falling slowly	03:00 PM THU 13/01/11
Mary R at The Barrage *	9.76m falling	06:00 PM THU 13/01/11
Tinana Ck at Tagigan Rd *	2.54m falling	06:00 PM THU 13/01/11
Tinana Ck at Teddington Weir *	10.54m falling	06:42 PM THU 13/01/11
Tinana Ck at Tinana Barrage *	7.32m steady	06:00 AM THU 13/01/11
Mary R at Maryborough	7.22m falling	04:00 PM THU 13/01/11
Mary R at Churchill St *	5.98m falling	06:40 PM THU 13/01/11
Bunya Ck at Booral Rd #	-0.2m steady	04:30 PM THU 13/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m rising	06:53 PM THU 13/01/11
Urangan Boat Harbour tide *	1.9m rising	09:50 AM THU 13/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 8:21 AM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding continues to ease in the Mary River at Gympie. Moderate to major flooding is also easing downstream between Miva and The Barrage with minor flooding easing at Maryborough.

Minor flooding continues to ease in the upper Mary River at Dagun Pocket, with

moderate flood levels also easing at Gympie. At 8am Friday the river level at Gympie was 11.09 metres, with river levels expected to fall below the minor flood level early Saturday.

Moderate to major flooding continues to ease along the lower Mary River between Miva and The Barrage. Minor flooding is easing in Tinana Creek at Teddington Weir.

Minor flood levels are also easing downstream at Maryborough with river levels expected to fall below minor during Friday morning. At 7:40am Friday the river level at Churchill St was 4.87 metres.

Next Issue:

The next warning will be issued at about 5pm Friday.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.51m steady	06:00 AM FRI 14/01/11
Obi Obi Ck st Baroon TW #	1.01m falling	07:08 AM FRI 14/01/11
Mary R at Bellbird Ck #	1.53m steady	06:55 AM FRI 14/01/11
Mary R at Kenilworth H/S #	1.42m falling	06:33 AM FRI 14/01/11
Mary R at Moy Pocket #	4.3m falling	07:37 AM FRI 14/01/11
Yabba Ck at Borumba Dam HW *	0.37m falling	06:00 AM FRI 14/01/11
Kandanga Ck at Hygait *	1.2m steady	06:00 AM FRI 14/01/11
Amamoor Ck at Zachariah *	2.39m steady	06:00 AM FRI 14/01/11
Mary R at Dagun Pocket *	7.47m falling	06:30 AM FRI 14/01/11
Six Mile Ck at Lake MacDonald Dr#	1.2m falling	07:02 AM FRI 14/01/11
Six Mile Ck at Cooran #	3.47m steady	07:28 AM FRI 14/01/11
Deep Ck at Cedar Pocket Dam #	101.12m steady	06:40 AM FRI 14/01/11
Mary R at Gympie #	11.14m falling	07:24 AM FRI 14/01/11
Mary R at Fishermans Pocket *	11.9m falling	06:00 AM FRI 14/01/11
Glastonbury Ck at Glastonbury *	1.44m steady	04:00 AM FRI 14/01/11
Wide Bay Ck at Kilkivan *	1.08m steady	06:00 AM FRI 14/01/11
Wide Bay Ck at Brooyar *	2.82m falling	06:00 AM FRI 14/01/11
Mary R at Miva *	13.93m falling	06:30 AM FRI 14/01/11
Munna Ck at Marodian *	3.05m falling	06:00 AM FRI 14/01/11
Mary R at Home Park *	14.26m falling	12:20 AM FRI 14/01/11
Mary R at Tiaro	13m falling slowly	07:10 AM FRI 14/01/11
Mary R at The Barrage *	8.38m falling	07:05 AM FRI 14/01/11
Tinana Ck at Tagigan Rd *	2.27m falling	06:00 AM FRI 14/01/11
Tinana Ck at Teddington Weir *	10.37m falling	05:51 AM FRI 14/01/11
Tinana Ck at Tinana Barrage *	5.57m falling	06:10 AM FRI 14/01/11
Mary R at Churchill St *	4.87m falling	07:41 AM FRI 14/01/11
Bunya Ck at Booral Rd #	-0.15m steady	07:30 AM FRI 14/01/11
Black Swamp Ck at Maryborough Rd #	-2.5m steady	05:32 AM FRI 14/01/11

#, * denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE MARY RIVER

Issued at 4:36 PM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor to moderate flood continues to ease along the Mary River between Gympie and the Barrage and in Tinana Creek between Teddington Weir and Tinana Barrage.

Minor flooding continues to ease in the upper Mary River at Gympie. At 4:15pm Friday the river level at Gympie was 9.24 metres, with river levels expected to fall below the minor flood level Saturday morning.

River levels at Maryborough have continued easing during Friday with river levels now below the minor flood level.

Next Issue:

The next warning will be issued at about 9am Saturday.

Latest River Heights:

Mary R at Gympie #	9.24m falling	04:16 PM FRI 14/01/11
Mary R at Fishermans Pocket *	10.19m falling	03:20 PM FRI 14/01/11
Mary R at Miva *	12.67m falling	03:40 PM FRI 14/01/11
Mary R at Home Park *	12.01m falling	03:30 PM FRI 14/01/11
Mary R at Tiaro	11.7m falling slowly	03:50 PM FRI 14/01/11
Mary R at The Barrage *	7.49m falling	03:00 PM FRI 14/01/11
Tinana Ck at Teddington Weir *	10.2m falling	03:51 PM FRI 14/01/11
Tinana Ck at Tinana Barrage *	5.57m falling	06:10 AM FRI 14/01/11
Mary R at Churchill St *	4.07m falling	03:41 PM FRI 14/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM612

IDQ20790

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE MARY RIVER

Issued at 8:54 AM on Saturday the 15th of January 2011
by the Bureau of Meteorology, Brisbane.

Moderate flood levels continue to ease between Miva and Tiaro with below minor levels expected on Sunday.

Next Issue:

This is the final warning. River height bulletins will continue to be issued.

Latest River Heights:

Obi Obi Ck at Gardners Falls *	0.5m steady	03:00 PM FRI 14/01/11
Obi Obi Ck st Baroon TW #	0.87m steady	01:08 AM SAT 15/01/11

Mary R at Bellbird Ck #	1.38m steady	06:55 AM SAT 15/01/11
Mary R at Bellbird Ck *	1.37m steady	07:00 AM SAT 15/01/11
Mary R at Kenilworth H/S #	1.07m falling	07:04 AM SAT 15/01/11
Mary R at Moy Pocket #	3.55m falling	06:36 AM SAT 15/01/11
Mary R at Moy Pocket *	3.55m falling	07:00 AM SAT 15/01/11
Yabba Ck at Borumba Dam HW *	0.28m steady	06:00 AM SAT 15/01/11
Kandanga Ck at Hygait *	1.03m steady	07:00 AM SAT 15/01/11
Amamoor Ck at Zachariah *	2.32m steady	07:00 AM SAT 15/01/11
Mary R at Dagon Pocket *	4.58m falling	06:15 AM SAT 15/01/11
Six Mile Ck at Lake MacDonald Dr#	0.95m steady	05:37 AM SAT 15/01/11
Six Mile Ck at Cooran *	2.96m falling	07:00 AM SAT 15/01/11
Six Mile Ck at Cooran #	2.97m steady	07:28 AM SAT 15/01/11
Deep Ck at Cedar Pocket Dam #	101.09m steady	07:53 AM SAT 15/01/11
Mary R at Gympie #	5.14m falling	08:06 AM SAT 15/01/11
Mary R at Fishermans Pocket *	6.4m falling	07:00 AM SAT 15/01/11
Glastonbury Ck at Glastonbury *	1.3m steady	07:00 AM SAT 15/01/11
Wide Bay Ck at Kilkivan *	0.98m steady	07:00 AM SAT 15/01/11
Wide Bay Ck at Brooyar *	2.53m falling	07:00 AM SAT 15/01/11
Mary R at Miva *	10m falling	07:30 AM SAT 15/01/11
Munna Ck at Marodian *	2.17m falling	07:00 AM SAT 15/01/11
Mary R at Home Park *	10.72m falling	12:10 AM SAT 15/01/11
Mary R at Tiaro	11.7m falling slowly	03:50 PM FRI 14/01/11
Mary R at The Barrage *	6.22m falling	07:05 AM SAT 15/01/11
Tinana Ck at Tagigan Rd *	2.04m steady	07:00 AM SAT 15/01/11
Tinana Ck at Teddington Weir *	9.93m falling	07:46 AM SAT 15/01/11
Tinana Ck at Tinana Barrage *	3.67m falling	07:00 AM SAT 15/01/11
Mary R at Churchill St *	2.82m falling	07:40 AM SAT 15/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

FLDWARN for the Noosa and Maroochy Rs

6 January 2011 to 19 January 2011

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS
Issued at 1:39 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

The heavy rainfall during Sunday has resulted in fast river level rises along the Maroochy and Mooloolah rivers and small rises in the Noosa River catchment. Further rises are likely as heavy rainfall continues.

MAROOCHY RIVER:

River levels are rising along the Maroochy River with rainfall expected to continue. Major flood levels of at least 6 metres are expected at Eumundi today. Moderate flood levels are possible at Yandina this evening if rainfall continues. Moderate flood levels are likely along Doonan Creek and Paynter Creek later today.

MOOLOOLAH RIVER:

Moderate flood levels are rising at Jordan Street.

NOOSA RIVER:

Minor flood levels are rising at Lake Cooroibah with rises above minor possible at Tewantin as rainfall continues.

Weather Forecast:

Heavy rain continuing.

Next Issue:

The next warning will be issued by 5pm Sunday.

Latest River Heights:

Mooloolah R at Mooloolah *	4.77m rising	12:30 PM SUN 09/01/11
Ewen Maddock Dam #	25.96m rising	01:07 PM SUN 09/01/11
Mooloolah R at Jordan St #	4.3m rising	12:55 PM SUN 09/01/11
Mooloolah R at Palmview #	3.64m rising	12:28 PM SUN 09/01/11
Curрумundi Ck at Meridan Way #	1.61m rising	11:13 AM SUN 09/01/11
Mooloolah R U/S Parreara Weir #	0.96m falling	12:58 PM SUN 09/01/11
Mountain Ck at Tanawha #	1.15m falling	12:36 PM SUN 09/01/11
Mooloolaba Tide #	1.67m falling	01:05 PM SUN 09/01/11
Mooloolaba Tide *	1.87m rising	12:50 PM SUN 09/01/11
Golden Beach #	1.31m rising	12:31 PM SUN 09/01/11
Coochin Ck at Old Gympie Rd #	3.2m falling	01:08 PM SUN 09/01/11
Coochin Ck at Beerwah #	4.4m falling	11:30 AM SUN 09/01/11
Coochin Ck at Mawsons Rd *	3.91m rising	11:40 AM SUN 09/01/11
N Maroochy R at Eumundi #	5.27m rising	01:05 PM SUN 09/01/11
N Maroochy R at Eumundi *	4.94m steady	12:31 PM SUN 09/01/11
Poona Dam #	152.84m steady	01:07 PM SUN 09/01/11

S Maroochy R at Kiamba *	2.63m rising	12:20 PM SUN 09/01/11
S Maroochy R at Kiamba #	2.83m rising	01:07 PM SUN 09/01/11
S Maroochy R at Yandina *	2.44m rising	12:30 PM SUN 09/01/11
S Maroochy R at Yandina #	2.68m rising	01:04 PM SUN 09/01/11
Maroochy R at Dunethin Rock #	1.4m rising	12:57 PM SUN 09/01/11
Yandina Ck at Yandina Ck #	4.31m rising	12:58 PM SUN 09/01/11
Doonan Ck at Doonan Creek #	4.15m rising	12:49 PM SUN 09/01/11
Maroochy R at Stoney Wharf Rd #	1.15m rising	12:21 PM SUN 09/01/11
Petrie Ck at West Woombye #	1.25m rising	01:09 PM SUN 09/01/11
Petrie Ck at Warana Br *	3.93m rising	12:20 PM SUN 09/01/11
Petrie Ck at Warana Br #	4.64m rising	01:09 PM SUN 09/01/11
Paynter Ck at Palmwoods Oval #	3.75m rising	12:43 PM SUN 09/01/11
Paynter Ck at Diddillibah#	3.36m rising	12:50 PM SUN 09/01/11
Eudlo Ck at Eudlo #	3.75m rising	01:06 PM SUN 09/01/11
Eudlo Ck at Kiels Mountain *	2.32m rising	12:00 PM SUN 09/01/11
Maroochy R at Picnic Point #	0.68m falling	01:06 PM SUN 09/01/11
Teewah Ck at Coops Corner *	3.93m rising	12:30 PM SUN 09/01/11
L Cootharaba at Boreen Point #	1.13m rising	12:58 PM SUN 09/01/11
L Cootharaba at Boreen Point	1.06m rising fast	12:30 PM SUN 09/01/11
L Cooroibah #	1.23m steady	11:41 AM SUN 09/01/11
Noosa R at Tewantin #	1m falling	12:28 PM SUN 09/01/11
Noosa R at Noosa Bar #	0.9m falling	12:59 PM SUN 09/01/11

*automatic station

Warnings and River Height Bulletins are available at
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 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS

Issued at 5:20 PM on Sunday the 9th of January 2011
 by the Bureau of Meteorology, Brisbane.

The heavy rainfall recorded during Sunday has resulted in fast river level rises along the Maroochy and Mooloolah Rivers and in Coochin Creek with small rises in the Noosa River catchment. Further rises are likely as heavy rainfall continues.

Rainfalls recorded in the last 3 hours in the Sunshine Coast Rivers and streams have been between 40-70mm with localised totals of above 90mm.

MAROOCHY RIVER:

Major flood levels are rising slowly along the North Maroochy River at Eumundi and in Doonan, Yandina, Petrie, Paynter and Eudlo Creeks. Minor flood levels are easing along the South Maroochy River between Kiamba and Yandina. Further rainfall is forecast during Sunday evening which is expected to produce further rises.

MOOLOOLAH RIVER:

Minor to moderate flood levels are rising between Mooloolah and Jordan Street.

Major flood levels are likely at Jordan Street during Sunday evening.

COOCHIN CREEK:

River level rises causing major flooding are being recorded at Old Gympie Road and minor flood levels are rising downstream at Beerwah.

NOOSA RIVER: Minor flood levels are rising at Lake Cooroibah with rises continuing in Teewah Creek at Coops Corner.

Weather Forecast:

Heavy rainfall continuing.

Next Issue:

The next warning will be issued by 9:30pm Sunday.

Latest River Heights:

Mooloolah R at Mooloolah *	5.05m rising	03:00 PM SUN 09/01/11
Ewen Maddock Dam #	26.16m falling	04:20 PM SUN 09/01/11
Mooloolah R at Jordan St #	4.7m rising	04:22 PM SUN 09/01/11
Mooloolah R at Palmview #	4.04m rising	04:10 PM SUN 09/01/11
Currumundi Ck at Meridan Way #	1.71m rising	04:17 PM SUN 09/01/11
Mooloolah R U/S Parreara Weir #	0.56m falling	04:00 PM SUN 09/01/11
Mountain Ck at Tanawha #	1.45m rising	04:09 PM SUN 09/01/11
Mooloolaba Tide #	0.92m falling	04:12 PM SUN 09/01/11
Golden Beach #	1.21m falling	03:31 PM SUN 09/01/11
Coochin Ck at Old Gympie Rd #	4.15m rising	04:23 PM SUN 09/01/11
Coochin Ck at Beerwah #	4.75m rising	04:19 PM SUN 09/01/11
Coochin Ck at Mawsons Rd *	4.59m steady	03:10 PM SUN 09/01/11
N Maroochy R at Eumundi #	6.42m rising	04:21 PM SUN 09/01/11
N Maroochy R at Eumundi *	6.24m rising	03:31 PM SUN 09/01/11
Poona Dam #	152.88m steady	04:03 PM SUN 09/01/11
S Maroochy R at Kiamba #	3.58m steady	04:21 PM SUN 09/01/11
S Maroochy R at Yandina #	3.43m steady	04:19 PM SUN 09/01/11
Maroochy R at Dunethin Rock #	2.75m rising	04:23 PM SUN 09/01/11
Yandina Ck at Yandina Ck #	5.01m falling	04:15 PM SUN 09/01/11
Doonan Ck at Doonan Creek #	4.45m rising	04:11 PM SUN 09/01/11
Maroochy R at Stoney Wharf Rd #	1.15m steady	02:29 PM SUN 09/01/11
Petrie Ck at West Woombye #	1.4m falling	04:21 PM SUN 09/01/11
Petrie Ck at Warana Br #	6.59m rising	04:08 PM SUN 09/01/11
Paynter Ck at Palmwoods Oval #	4.35m rising	04:08 PM SUN 09/01/11
Paynter Ck at Diddillibah#	3.66m steady	04:23 PM SUN 09/01/11
Eudlo Ck at Eudlo #	4.35m rising	04:21 PM SUN 09/01/11
Maroochy R at Picnic Point #	0.48m steady	04:22 PM SUN 09/01/11
Teewah Ck at Coops Corner *	4.56m rising	03:20 PM SUN 09/01/11
L Cootharaba at Boreen Point #	1.23m rising	03:16 PM SUN 09/01/11
L Cooroibah #	1.28m steady	02:41 PM SUN 09/01/11
Noosa R at Tewantin #	0.9m falling	03:03 PM SUN 09/01/11
Noosa R at Noosa Bar #	0.45m falling	04:04 PM SUN 09/01/11

*.# from automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS

Issued at 9:49 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

The rainfall has been less than 25 millimetres in the last 3 hours in the catchments of the Maroochy and Mooloolah Rivers. The heaviest rainfalls have been in the catchment of the Noosa River where over 50 millimetres has been recorded in the Boreen point area in the last 3 hours.

Major flood levels are steady in the North Maroochy River at Eumundi and continue to rise in the Mooloolah River at Jordan Street. Most other Sunshine Coast streams are starting to ease with the easing of the rainfall over the last three hours.

Further heavy rainfall and rises are still possible overnight Sunday.

MAROOCHY RIVER:

Major flood levels are steady in the North Maroochy River at Eumundi and minor to moderate flooding is generally easing in Doonan, Yandina, Petrie, Paynter and Eudlo Creeks and in the South Maroochy River between Kiamba and Yandina. Further rainfall is forecast during Sunday night and Monday which could produce further rises.

MOOLOOLAH RIVER:

Moderate to major flood levels are rising between Mooloolah and Jordan Street. Major flood levels will continue at Jordan Street overnight Sunday.

COOCHIN CREEK:

River levels have peaked and moderate flooding is easing in Coochin Creek Old Gympie Road and Beerwah.

NOOSA RIVER: Minor flood levels are expected on the high tides at Lake Cooroibah and Tewantin during Sunday night and Monday. Higher levels are possible but dependent on further heavy rainfall.

Weather Forecast:

Heavy rainfall continuing.

Next Issue:

The next warning will be issued by 12am Monday.

Latest River Heights:

Coochin Ck at Old Gympie Rd #	3.95m steady	09:36 PM SUN 09/01/11
Coochin Ck at Beerwah #	5.9m falling	09:40 PM SUN 09/01/11
Coochin Ck at Mawsons Rd *	7.03m rising	08:40 PM SUN 09/01/11
Mooloolah R at Mooloolah *	5.54m falling	08:30 PM SUN 09/01/11
Ewen Maddock Dam #	26.5m rising	09:37 PM SUN 09/01/11
Mooloolah R at Jordan St #	5.35m steady	08:44 PM SUN 09/01/11
Mooloolah R at Palmview #	4.84m rising	09:34 PM SUN 09/01/11
Curрумundi Ck at Meridan Way #	1.96m steady	08:13 PM SUN 09/01/11
Mooloolah R U/S Parreara Weir #	0.76m rising	09:35 PM SUN 09/01/11
Mountain Ck at Tanawha #	1.55m rising	09:29 PM SUN 09/01/11
Mooloolaba Tide #	1.47m rising	09:43 PM SUN 09/01/11

N Maroochy R at Eumundi #	6.62m falling	09:30 PM SUN 09/01/11
Poona Dam #	152.82m steady	09:42 PM SUN 09/01/11
S Maroochy R at Kiamba #	2.83m falling	09:37 PM SUN 09/01/11
S Maroochy R at Yandina #	3.03m falling	09:43 PM SUN 09/01/11
Maroochy R at Dunethin Rock #	2.8m falling	09:41 PM SUN 09/01/11
Yandina Ck at Yandina Ck #	5.56m rising	09:29 PM SUN 09/01/11
Doonan Ck at Doonan Creek #	4.45m steady	08:57 PM SUN 09/01/11
Maroochy R at Stoney Wharf Rd #	1.25m steady	08:29 PM SUN 09/01/11
Petrie Ck at West Woombye #	1m falling	09:28 PM SUN 09/01/11
Petrie Ck at Warana Br #	5.49m falling	09:36 PM SUN 09/01/11
Paynter Ck at Palmwoods Oval #	4.55m falling	09:25 PM SUN 09/01/11
Paynter Ck at Diddillibah#	3.86m falling	09:39 PM SUN 09/01/11
Eudlo Ck at Eudlo #	4.3m falling	09:35 PM SUN 09/01/11
Eudlo Ck at Kiels Mountain *	3.05m rising	08:00 PM SUN 09/01/11
Maroochy R at Picnic Point #	0.63m rising	09:23 PM SUN 09/01/11
Teewah Ck at Coops Corner *	5.24m rising	08:58 PM SUN 09/01/11
L Cootharaba at Boreen Point #	1.43m rising	08:27 PM SUN 09/01/11
L Cootharaba at Boreen Point	1.5m rising	09:30 PM SUN 09/01/11
L Cooroibah #	1.28m steady	08:41 PM SUN 09/01/11
Noosa R at Tewantin #	0.95m rising	09:42 PM SUN 09/01/11
Noosa R at Noosa Bar #	0.8m rising	09:42 PM SUN 09/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS
 Issued at 12:08 AM on Monday the 10th of January 2011
 by the Bureau of Meteorology, Brisbane.

Rainfall has eased in the 3 hours to midnight in the Maroochy, Mooloolah and
 Noosa River catchments. Rainfall totals for the period were less than 25
 millimetres.

Major flood levels are slowly falling in the North Maroochy River at Eumundi.
 Major flood levels are steady in the Mooloolah River at Jordon Street. Most
 other Sunshine Coast streams are starting to ease after the easing of the
 rainfall over the last three hours.

Further heavy rainfall and rises are still possible overnight Sunday.

MAROOCHY RIVER:

Major flood levels are slowly falling in the North Maroochy River at Eumundi and
 minor to moderate flooding is generally easing in Doonan, Yandina, Petrie,

Paynter and Eudlo Creeks and in the South Maroochy River between Kiamba and Yandina. Further rainfall is forecast during Sunday night and Monday which could produce further rises.

MOOLOOLAH RIVER:

Moderate to major flood levels are steady between Mooloolah and Jordan Street. Major flood levels will continue at Jordan Street overnight Sunday.

COOCHIN CREEK:

River levels have peaked and minor flooding is easing in Coochin Creek between Old Gympie Road and Beerwah.

NOOSA RIVER: Minor flood levels are expected on the high tides at Lake Cooroibah and Tewantin during Sunday night and Monday. Higher levels are possible but dependent on further heavy rainfall.

Weather Forecast:

Heavy rainfall continuing.

Next Issue:

The next warning will be issued by 6am Monday.

Latest River Heights:

Mooloolah R at Mooloolah *	5.31m falling	10:20 PM SUN 09/01/11
Ewen Maddock Dam #	26.52m falling	11:10 PM SUN 09/01/11
Mooloolah R at Jordan St #	5.35m steady	08:44 PM SUN 09/01/11
Mooloolah R at Palmview #	5.04m steady	11:29 PM SUN 09/01/11
Currumundi Ck at Meridan Way #	2.26m rising	11:35 PM SUN 09/01/11
Mooloolah R U/S Parreara Weir #	1.01m rising	11:34 PM SUN 09/01/11
Mountain Ck at Tanawha #	1.5m rising	11:41 PM SUN 09/01/11
Mooloolaba Tide #	1.62m falling	11:43 PM SUN 09/01/11
Golden Beach #	1.21m rising	11:37 PM SUN 09/01/11
N Maroochy R at Eumundi #	6.47m falling	11:32 PM SUN 09/01/11
Poona Dam #	152.81m steady	11:31 PM SUN 09/01/11
S Maroochy R at Kiamba #	2.73m falling	11:25 PM SUN 09/01/11
S Maroochy R at Yandina #	2.88m falling	11:33 PM SUN 09/01/11
Maroochy R at Dunethin Rock #	2.65m falling	11:38 PM SUN 09/01/11
Yandina Ck at Yandina Ck #	5.51m falling	10:56 PM SUN 09/01/11
Doonan Ck at Doonan Creek #	4.45m steady	08:57 PM SUN 09/01/11
Maroochy R at Stoney Wharf Rd #	1.35m steady	11:29 PM SUN 09/01/11
Petrie Ck at West Woombye #	1.05m falling	11:41 PM SUN 09/01/11
Petrie Ck at Warana Br *	5.36m falling	10:20 PM SUN 09/01/11
Petrie Ck at Warana Br #	5.14m falling	11:36 PM SUN 09/01/11
Paynter Ck at Palmwoods Oval #	4.45m falling	11:31 PM SUN 09/01/11
Paynter Ck at Diddillibah#	4.26m rising	11:34 PM SUN 09/01/11
Eudlo Ck at Eudlo #	4.15m falling	11:25 PM SUN 09/01/11
Eudlo Ck at Kiels Mountain *	3.15m rising	10:00 PM SUN 09/01/11
Maroochy R at Picnic Point #	0.83m rising	11:44 PM SUN 09/01/11
Coochin Ck at Old Gympie Rd #	3.55m falling	11:07 PM SUN 09/01/11
Coochin Ck at Beerwah #	5.3m falling	11:10 PM SUN 09/01/11
Coochin Ck at Mawsons Rd *	7.42m falling	11:40 PM SUN 09/01/11
Teewah Ck at Coops Corner *	5.27m steady	10:10 PM SUN 09/01/11
L Cootharaba at Boreen Point #	1.48m rising	10:27 PM SUN 09/01/11
L Cootharaba at Boreen Point	1.5m rising	09:30 PM SUN 09/01/11
L Cooroibah #	1.33m steady	11:41 PM SUN 09/01/11
Noosa R at Tewantin #	1m steady	11:21 PM SUN 09/01/11
Noosa R at Noosa Bar #	0.95m rising	11:43 PM SUN 09/01/11

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS

Issued at 6:23 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall has eased overnight the Maroochy, Mooloolah and Noosa River catchments. Rainfall totals for the 6 hour period to 6am are around 30mm generally.

Major flood levels are slowly falling in the North Maroochy River at Eumundi. Major flood levels are steady in the Mooloolah River at Jordan Street. Most other Sunshine Coast streams are continuing to ease.

Further heavy rainfall and rises are still possible during Monday.

MAROOCHY RIVER:

Major flood levels are slowly falling in the North Maroochy River at Eumundi and minor to moderate flooding is generally easing in Doonan, Yandina, Petrie, Paynter and Eudlo Creeks and in the South Maroochy River between Kiamba and Yandina. Further rainfall is forecast during Monday which could produce further rises.

MOOLOOLAH RIVER:

Moderate to major flood levels are steady between Mooloolah and Jordan Street. Major flood levels will continue at Jordan Street this morning.

COOCHIN CREEK:

River levels have peaked and minor flooding is easing in Coochin Creek between Old Gympie Road and Beerwah.

NOOSA RIVER:

Minor flood levels are expected on the high tides at Lake Cooroibah and Tewantin during Monday. Higher levels are possible but dependent on further heavy rainfall.

Weather Forecast:

Heavy rainfall continuing.

Next Issue:

The next warning will be issued by 3pm Monday.

Latest River Heights:

Mooloolah R at Mooloolah *	4.79m falling	05:00 AM MON 10/01/11
Ewen Maddock Dam #	26.52m rising	06:05 AM MON 10/01/11
Mooloolah R at Jordan St #	5.2m steady	05:44 AM MON 10/01/11
Mooloolah R at Palmview #	4.94m falling	05:30 AM MON 10/01/11
Curрумundi Ck at Meridan Way #	2.76m falling	05:46 AM MON 10/01/11

Mooloolah R U/S Parreara Weir #	1.57m rising	05:57 AM MON 10/01/11
Mountain Ck at Tanawha #	1.45m steady	06:13 AM MON 10/01/11
Mooloolaba Tide #	0.97m rising	05:51 AM MON 10/01/11
Mooloolaba Tide *	1.02m rising	05:50 AM MON 10/01/11
Golden Beach #	1.11m steady	05:25 AM MON 10/01/11
Coochin Ck at Old Gympie Rd #	3.2m falling	06:03 AM MON 10/01/11
Coochin Ck at Beerwah #	4.8m steady	04:25 AM MON 10/01/11
Coochin Ck at Mawsons Rd *	6.14m falling	05:40 AM MON 10/01/11
N Maroochy R at Eumundi #	5.67m falling	06:00 AM MON 10/01/11
Poona Dam #	152.77m steady	05:40 AM MON 10/01/11
S Maroochy R at Kiamba #	2.23m falling	05:55 AM MON 10/01/11
S Maroochy R at Yandina #	2.33m falling	05:30 AM MON 10/01/11
Maroochy R at Dunethin Rock #	2.1m falling	06:10 AM MON 10/01/11
Yandina Ck at Yandina Ck #	5.31m falling	06:13 AM MON 10/01/11
Doonan Ck at Doonan Creek #	4.35m falling	05:57 AM MON 10/01/11
Maroochy R at Stoney Wharf Rd #	1.45m steady	05:29 AM MON 10/01/11
Petrie Ck at West Woombye #	0.85m falling	05:58 AM MON 10/01/11
Petrie Ck at Warana Br *	3.91m falling	03:30 AM MON 10/01/11
Petrie Ck at Warana Br #	3.84m steady	06:12 AM MON 10/01/11
Paynter Ck at Palmwoods Oval #	4.2m falling	05:53 AM MON 10/01/11
Paynter Ck at Diddillibah#	3.96m falling	04:33 AM MON 10/01/11
Eudlo Ck at Eudlo #	3.7m falling	05:17 AM MON 10/01/11
Eudlo Ck at Kiels Mountain *	3.15m steady	05:00 AM MON 10/01/11
Maroochy R at Picnic Point #	0.68m steady	04:22 AM MON 10/01/11
Teewah Ck at Coops Corner *	5.12m rising	05:00 AM MON 10/01/11
L Cootharaba at Boreen Point #	1.68m rising	06:12 AM MON 10/01/11
L Cootharaba at Boreen Point	1.5m rising	09:30 PM SUN 09/01/11
L Cooroiabah #	1.38m steady	05:41 AM MON 10/01/11
Noosa R at Tewantin #	0.95m steady	05:21 AM MON 10/01/11
Noosa R at Noosa Bar #	0.55m rising	06:03 AM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS

Issued at 3:26 PM on Monday the 10th of January 2011
 by the Bureau of Meteorology, Brisbane.

Widespread minor to moderate flood levels are falling slowly throughout the
 Sunshine Coast Rivers and Streams. Further rainfall causing renewed rises is
 possible during the next 24 hours.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Minor to moderate flood levels have peaked and are easing throughout the region.
 Further rainfall causing renewed rises is possible during the next 24 hours.

NOOSA RIVER:

Minor to moderate flood levels are currently being recorded on the high tides at Lake Cooroibah and Tewantin. Higher levels are possible but dependent on further heavy rainfall.

Weather Forecast:

Rain, heavy at times. Local thunder.

Next Issue:

The next warning will be issued by about 8pm Monday.

Latest River Heights:

Mooloolah R at Mooloolah *	4.72m falling	01:30 PM MON 10/01/11
Ewen Maddock Dam #	26.42m falling	02:09 PM MON 10/01/11
Mooloolah R at Jordan St #	5.1m falling	01:52 PM MON 10/01/11
Mooloolah R at Palmview #	4.84m rising	01:27 PM MON 10/01/11
Currumundi Ck at Meridan Way #	2.31m falling	02:21 PM MON 10/01/11
Mooloolah R U/S Parreara Weir #	1.82m falling	02:21 PM MON 10/01/11
Mountain Ck at Tanawha #	1.15m falling	02:02 PM MON 10/01/11
Mooloolaba Tide #	1.52m falling	02:12 PM MON 10/01/11

Golden Beach #	1.31m steady	02:25 PM MON 10/01/11
Coochin Ck at Old Gympie Rd #	2.7m falling	01:38 PM MON 10/01/11
Coochin Ck at Beerwah #	3.7m falling	02:23 PM MON 10/01/11
Coochin Ck at Mawsons Rd *	5.08m falling	11:40 AM MON 10/01/11

N Maroochy R at Eumundi #	5.02m falling	02:24 PM MON 10/01/11
N Maroochy R at Eumundi *	5.14m falling	01:19 PM MON 10/01/11
Poona Dam #	152.79m steady	02:23 PM MON 10/01/11
S Maroochy R at Kiamba #	2.48m falling	02:05 PM MON 10/01/11
S Maroochy R at Yandina #	2.63m falling	02:21 PM MON 10/01/11
Maroochy R at Dunethin Rock #	2.3m steady	02:24 PM MON 10/01/11
Yandina Ck at Yandina Ck #	5.36m steady	01:43 PM MON 10/01/11
Doonan Ck at Doonan Creek #	4.35m falling	01:21 PM MON 10/01/11
Maroochy R at Stoney Wharf Rd #	1.6m rising	12:20 PM MON 10/01/11
Petrie Ck at West Woombye #	0.6m steady	02:13 PM MON 10/01/11
Petrie Ck at Warana Br #	4.54m falling	02:26 PM MON 10/01/11
Paynter Ck at Palmwoods Oval #	4.35m falling	01:49 PM MON 10/01/11
Paynter Ck at Diddillibah#	4.01m falling	12:39 PM MON 10/01/11
Eudlo Ck at Eudlo #	4m rising	10:20 AM MON 10/01/11
Eudlo Ck at Kiels Mountain *	3.1m steady	01:00 PM MON 10/01/11
Maroochy R at Picnic Point #	0.88m falling	01:42 PM MON 10/01/11

Teewah Ck at Coops Corner *	4.63m falling	01:00 PM MON 10/01/11
L Cootharaba at Boreen Point #	1.73m rising	01:52 PM MON 10/01/11
L Cooroibah #	1.53m rising	12:12 PM MON 10/01/11
Noosa R at Tewantin #	1.15m steady	02:21 PM MON 10/01/11
Noosa R at Noosa Bar #	0.8m falling	02:17 PM MON 10/01/11

*,# from automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

IDQ20795

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS

Issued at 8:15 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor to moderate flood levels are falling slowly throughout the Sunshine Coast Rivers and Streams. Further rainfall causing renewed rises is possible during the next 24 hours.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Minor to moderate flood levels have peaked and are easing throughout the region. Further rainfall causing renewed rises is possible during the next 24 hours.

NOOSA RIVER:

Minor to moderate flood levels are currently being recorded on the high tides at Lake Coorobah and Tewantin. Higher levels are possible but dependent on further heavy rainfall.

Weather Forecast:

Rain areas and local thunder. Moderate to locally heavy falls.

Next Issue:

The next warning will be issued by about 10am Tuesday.

Latest River Heights:

Mooloolah R at Mooloolah #	3.98m falling	07:35 PM MON 10/01/11
Ewen Maddock Dam #	26.28m steady	07:27 PM MON 10/01/11
Mooloolah R at Jordan St #	5.05m falling	07:42 PM MON 10/01/11
Mooloolah R at Palmview #	4.64m falling	07:01 PM MON 10/01/11
Curumundi Ck at Meridan Way #	2.11m falling	06:55 PM MON 10/01/11
Mooloolah R U/S Parreara Weir #	1.57m falling	07:26 PM MON 10/01/11
Mountain Ck at Tanawha #	0.85m falling	06:58 PM MON 10/01/11
Mooloolaba Tide #	0.92m rising	07:43 PM MON 10/01/11
Mooloolaba Tide *	0.88m steady	06:50 PM MON 10/01/11

Golden Beach #	0.91m falling	07:31 PM MON 10/01/11
Coochin Ck at Old Gympie Rd #	1.9m falling	06:57 PM MON 10/01/11
Coochin Ck at Beerwah #	2.45m falling	07:15 PM MON 10/01/11
Coochin Ck at Mawsons Rd *	4.02m falling	05:40 PM MON 10/01/11
N Maroochy R at Eumundi #	4.42m falling	07:39 PM MON 10/01/11
Poona Dam #	152.75m steady	07:30 PM MON 10/01/11
S Maroochy R at Kiamba #	1.93m falling	06:46 PM MON 10/01/11
S Maroochy R at Yandina #	2.13m falling	07:18 PM MON 10/01/11
Maroochy R at Dunethin Rock #	2m falling	06:33 PM MON 10/01/11
Yandina Ck at Yandina Ck #	5.21m steady	07:43 PM MON 10/01/11
Doonan Ck at Doonan Creek #	4.3m falling	05:57 PM MON 10/01/11
Maroochy R at Stoney Wharf Rd #	1.55m falling	05:34 PM MON 10/01/11
Petrie Ck at West Woombye #	0.35m falling	07:30 PM MON 10/01/11
Petrie Ck at Warana Br #	2.54m falling	07:27 PM MON 10/01/11
Paynter Ck at Palmwoods Oval #	3.75m falling	07:35 PM MON 10/01/11
Paynter Ck at Diddillibah#	3.96m steady	07:23 PM MON 10/01/11
Eudlo Ck at Eudlo #	4m rising	10:20 AM MON 10/01/11
Eudlo Ck at Kiels Mountain *	3.03m falling	06:00 PM MON 10/01/11
Maroochy R at Picnic Point #	0.63m steady	07:22 PM MON 10/01/11

Teewah Ck at Coops Corner *	3.82m falling	06:00 PM MON 10/01/11
L Cootharaba at Boreen Point #	1.83m rising	07:28 PM MON 10/01/11
L Cooroibah #	1.53m steady	05:41 PM MON 10/01/11
Noosa R at Tewantin #	1.05m steady	05:21 PM MON 10/01/11
Noosa R at Noosa Bar #	0.5m falling	07:34 PM MON 10/01/11

*,# from automatic station

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 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

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IDQ20795

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE SUNSHINE COAST RIVERS
 Issued at 6:07 AM on Tuesday the 11th of January 2011
 by the Bureau of Meteorology, Brisbane.

Renewed rises with the continuing heavy rainfall is causing minor to moderate
 flooding throughout the Sunshine Coast Rivers and Streams. Rainfall totals of
 between 20-50mm have been recorded in the previous 6 hours to 6am Tuesday, with
 further moderate to heavy rainfall to continue during Tuesday.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Renewed rises are occurring in the Sunshine Coast streams during Tuesday
 morning, with minor to moderate flooding continuing throughout the region. Major
 flood levels remain steady in the Mooloolah River at Jordan St. Further rainfall
 causing renewed rises are possible during Tuesday.

NOOSA RIVER:

Minor to moderate flooding is occurring between Boreen Point and Lake Cooroibah,
 with minor flood levels currently occurring on the high tides at Tewantin.
 Higher levels are possible but dependent on further heavy rainfall.

Weather Forecast:

Rain areas and isolated thunderstorms, gradually easing later in the day.
 Moderate to locally heavy falls possible.

Next Issue:

The next warning will be issued by about 2pm Tuesday.

Latest River Heights:

Mooloolah R at Mooloolah #	3.85m falling	05:45 AM TUE 11/01/11
Mooloolah R at Jordan St #	5.05m steady	05:44 AM TUE 11/01/11
Mooloolah R at Palmview #	4.54m rising	05:28 AM TUE 11/01/11
Curрумundi Ck at Meridan Way #	1.96m falling	02:29 AM TUE 11/01/11
Mooloolah R U/S Parreara Weir #	1.41m falling	04:13 AM TUE 11/01/11
Mountain Ck at Tanawha #	0.9m falling	04:36 AM TUE 11/01/11
Mooloolaba Tide #	0.97m falling	05:49 AM TUE 11/01/11
Golden Beach #	0.81m falling	05:43 AM TUE 11/01/11

Coochin Ck at Old Gympie Rd #	2.15m rising	05:40 AM TUE 11/01/11
Coochin Ck at Beerwah #	2.75m rising	05:35 AM TUE 11/01/11
Coochin Ck at Mawsons Rd *	2.46m rising	05:30 AM TUE 11/01/11
N Maroochy R at Eumundi #	2.47m steady	05:11 AM TUE 11/01/11
S Maroochy R at Kiamba #	2.48m rising	05:44 AM TUE 11/01/11
S Maroochy R at Yandina #	2.38m rising	05:43 AM TUE 11/01/11
Maroochy R at Dunethin Rock #	1.8m rising	05:39 AM TUE 11/01/11
Yandina Ck at Yandina Ck #	4.96m falling	05:27 AM TUE 11/01/11
Doonan Ck at Doonan Creek #	4.15m rising	04:36 AM TUE 11/01/11
Maroochy R at Stoney Wharf Rd #	1.4m steady	05:29 AM TUE 11/01/11
Petrie Ck at West Woombye #	1.65m falling	05:49 AM TUE 11/01/11
Petrie Ck at Warana Br #	5.14m rising	05:46 AM TUE 11/01/11
Paynter Ck at Palmwoods Oval #	3.65m rising	05:43 AM TUE 11/01/11
Paynter Ck at Diddillibah#	3.71m falling	05:19 AM TUE 11/01/11
Eudlo Ck at Eudlo #	4m rising	10:20 AM MON 10/01/11
Eudlo Ck at Kiels Mountain *	2.96m steady	04:00 AM TUE 11/01/11
Maroochy R at Picnic Point #	0.53m falling	04:43 AM TUE 11/01/11
Teewah Ck at Coops Corner *	2.98m falling	04:25 AM TUE 11/01/11
L Cootharaba at Boreen Point	1.8m rising slowly	06:00 PM MON 10/01/11
L Cooroibah #	1.53m steady	05:41 AM TUE 11/01/11
Noosa R at Tewantin #	1.05m steady	05:21 AM TUE 11/01/11
Noosa R at Noosa Bar #	0.55m rising	05:46 AM TUE 11/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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IDQ20795

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE SUNSHINE COAST AND ADJACENT COASTAL RIVERS AND STREAMS
Issued at 9:58 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Fast stream rises are occurring with the heavy rainfall across the Sunshine Coast and adjacent coastal rivers and streams during Tuesday morning. Heavy rainfall totals in excess of 80-100mm have been recorded in the 1-hour to 10am Tuesday. Widespread minor to moderate flooding is occurring, and localised major flooding in the Mooloolah River. Further rises and moderate to major flooding is likely during Tuesday.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Stream rises are occurring in the Sunshine Coast streams during Tuesday morning, with minor to moderate flooding continuing throughout the region. Major flood levels remain steady in the Mooloolah River at Jordan St. Further rainfall causing renewed rises are possible during Tuesday.

NOOSA RIVER:

Minor to moderate flooding is occurring between Boreen Point and Lake Cooroibah, with minor flood levels currently occurring on the high tides at Tewantin.

Higher levels are possible but dependent on further heavy rainfall.

PINE AND CABOOLTURE RIVERS:

Very heavy rainfall during Tuesday morning has resulted in fast river rises and moderate to major flooding along the Caboolture River. At 9:50am Tuesday, the river level at Caboolture was 9.34 metres and rising with moderate flooding.

Fast rises are occurring in Baxters and Kobble Creeks with high inflows into North Pine Dam. River rises are occurring in the North and South Pine Rivers, with minor flooding occurring at Youngs Crossing. Further rises are likely as the heavy rainfall continues during Tuesday morning.

Weather Forecast:

Rain areas and isolated thunderstorms, gradually easing later in the day. Moderate to locally heavy falls possible.

Next Issue:

The next warning will be issued by about 2pm Tuesday.

Latest River Heights:

Mooloolah R at Mooloolah *	4.47m rising	08:30 AM TUE 11/01/11
Ewen Maddock Dam #	26.4m falling	09:39 AM TUE 11/01/11
Mooloolah R at Jordan St #	5.15m rising	09:52 AM TUE 11/01/11
Mooloolah R at Palmview #	4.89m rising	09:31 AM TUE 11/01/11
Curumundi Ck at Meridan Way #	2.11m steady	08:13 AM TUE 11/01/11
Mooloolah R U/S Parreara Weir #	1.47m rising	09:13 AM TUE 11/01/11
Mountain Ck at Tanawha #	1.85m falling	09:53 AM TUE 11/01/11
Mooloolaba Tide #	1.52m rising	09:54 AM TUE 11/01/11
Golden Beach #	0.91m rising	09:36 AM TUE 11/01/11
Coochin Ck at Old Gympie Rd #	4.35m rising	09:46 AM TUE 11/01/11
Coochin Ck at Beerwah #	5.45m rising	09:52 AM TUE 11/01/11
Coochin Ck at Mawsons Rd *	4.08m rising	08:20 AM TUE 11/01/11
N Maroochy R at Eumundi #	2.47m rising	09:39 AM TUE 11/01/11
N Maroochy R at Eumundi *	2.38m steady	08:19 AM TUE 11/01/11
S Maroochy R at Kiamba #	2.48m rising	09:37 AM TUE 11/01/11
S Maroochy R at Yandina #	2.53m rising	08:21 AM TUE 11/01/11
Maroochy R at Dunethin Rock #	1.95m rising	09:55 AM TUE 11/01/11
Yandina Ck at Yandina Ck #	5.01m rising	09:04 AM TUE 11/01/11
Doonan Ck at Doonan Creek #	4.2m rising	09:45 AM TUE 11/01/11
Maroochy R at Stoney Wharf Rd #	1.4m rising	07:22 AM TUE 11/01/11
Petrie Ck at West Woombye #	1.15m rising	09:55 AM TUE 11/01/11
Petrie Ck at Warana Br #	5.64m rising	09:56 AM TUE 11/01/11
Paynter Ck at Palmwoods Oval #	4.5m rising	09:48 AM TUE 11/01/11
Paynter Ck at Diddillibah#	3.81m rising	09:29 AM TUE 11/01/11
Eudlo Ck at Eudlo #	4m rising	10:20 AM MON 10/01/11
Eudlo Ck at Kiels Mountain *	3.01m rising	08:00 AM TUE 11/01/11
Maroochy R at Picnic Point #	0.73m rising	09:39 AM TUE 11/01/11
Teewah Ck at Coops Corner *	2.85m steady	08:00 AM TUE 11/01/11
L Cootharaba at Boreen Point	1.8m rising slowly	08:15 AM TUE 11/01/11
L Cooroibah #	1.53m steady	08:41 AM TUE 11/01/11
Noosa R at Tewantin #	1.05m rising	09:50 AM TUE 11/01/11
Noosa R at Noosa Bar #	0.75m rising	09:54 AM TUE 11/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE CABOOLTURE RIVER AND THE COASTAL RIVERS AND ADJACENT
SUNSHINE COAST STREAMS

Issued at 11:24 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall continues to fall in the Caboolture and Pine River catchments with river levels similar to those experienced during the 1974 flood. Extreme rises and major flooding is occurring along the Caboolture River and in Burpengary Creek. Widespread minor to moderate flooding is occurring across the Sunshine Coast rivers and streams, with moderate to major flood levels rising along Coochin Creek. Further rises and higher levels are possible during Tuesday with the continued very heavy rainfall.

PINE AND CABOOLTURE RIVERS: Very heavy rainfall during Tuesday morning has resulted in extreme river rises and widespread major flooding along the Caboolture River and in Burpengary Creek. At 11:15am Tuesday, the river level at Caboolture was 10.44 metres and rising with major flooding. Fast rises are occurring in Baxters and Kobbie Creeks with high inflows into North Pine Dam. River rises are occurring in the North and South Pine Rivers, with minor to moderate flooding occurring at Drapers and Youngs Crossings. Further rises are likely as the heavy rainfall continues during Tuesday morning.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Fast rises are moderate to moderate flooding is occurring in Coochin Creek. Stream rises are also occurring across the Sunshine Coast streams during Tuesday morning, with minor to moderate flooding continuing throughout the region. Moderate to major flooding is rising along the Mooloolah River.

NOOSA RIVER:

Minor to moderate flooding continues between Boreen Point and Lake Cooroibah, with minor flood levels currently occurring on the high tides at Tewantin. Higher levels are possible but dependent on further heavy rainfall.

Weather Forecast:

Rain areas and isolated thunderstorms, gradually easing later in the day. Moderate to locally heavy falls possible.

Next Issue:

The next warning will be issued by about 2pm Tuesday.

Latest River Heights:

Mooloolah R at Mooloolah #	5.39m rising	10:29 AM TUE 11/01/11
Ewen Maddock Dam #	26.46m rising	10:51 AM TUE 11/01/11
Mooloolah R at Jordan St #	5.2m rising	11:05 AM TUE 11/01/11
Mooloolah R at Palmview #	4.94m rising	10:17 AM TUE 11/01/11
Currumundi Ck at Meridan Way #	2.11m steady	08:13 AM TUE 11/01/11
Mooloolah R U/S Parreara Weir #	1.57m rising	11:03 AM TUE 11/01/11
Mountain Ck at Tanawha #	1.8m falling	10:51 AM TUE 11/01/11

Mooloolaba Tide #	1.67m steady	10:59 AM TUE 11/01/11
Golden Beach #	1.06m rising	10:48 AM TUE 11/01/11
Coochin Ck at Old Gympie Rd #	4.55m rising	10:22 AM TUE 11/01/11
Coochin Ck at Beerwah #	6.1m rising	11:03 AM TUE 11/01/11
Coochin Ck at Mawsons Rd *	4.55m rising	09:00 AM TUE 11/01/11
N Maroochy R at Eumundi #	3.17m rising	11:03 AM TUE 11/01/11
S Maroochy R at Kiamba #	3.28m rising	11:03 AM TUE 11/01/11
S Maroochy R at Yandina #	2.88m rising	11:04 AM TUE 11/01/11
Maroochy R at Dunethin Rock #	2m rising	10:46 AM TUE 11/01/11
Yandina Ck at Yandina Ck #	5.06m steady	10:43 AM TUE 11/01/11
Doonan Ck at Doonan Creek #	4.2m rising	09:45 AM TUE 11/01/11
Maroochy R at Stoney Wharf Rd #	1.5m rising	10:51 AM TUE 11/01/11
Petrie Ck at West Woombye #	3.05m rising	11:04 AM TUE 11/01/11
Petrie Ck at Warana Br #	6.19m rising	11:00 AM TUE 11/01/11
Paynter Ck at Palmwoods Oval #	4.6m steady	10:46 AM TUE 11/01/11
Paynter Ck at Diddillibah#	3.91m rising	10:53 AM TUE 11/01/11
Eudlo Ck at Kiels Mountain *	3.03m rising	09:00 AM TUE 11/01/11
Maroochy R at Picnic Point #	0.83m rising	10:48 AM TUE 11/01/11
Teewah Ck at Coops Corner *	2.82m falling	09:00 AM TUE 11/01/11
L Cootharaba at Boreen Point #	1.83m steady	10:15 AM TUE 11/01/11
L Cooroibah #	1.53m steady	08:41 AM TUE 11/01/11
Noosa R at Tewantin #	1.1m rising	10:53 AM TUE 11/01/11
Noosa R at Noosa Bar #	0.85m falling	10:55 AM TUE 11/01/11

*,# denotes automatic station.

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 public and satellite phones.

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IDQ20795

Australian Government Bureau of Meteorology
 Queensland

PRIORITY

FLOOD WARNING FOR THE CABOOLTURE RIVER AND THE COASTAL RIVERS AND ADJACENT
 SUNSHINE COAST STREAMS

Issued at 2:09 PM on Tuesday the 11th of January 2011
 by the Bureau of Meteorology, Brisbane.

The continuing heavy rainfall has shifted into the hinterland areas of the
 Sunshine Coast, which is causing fast stream rises and minor to moderate
 flooding across the upper Maroochy catchment. Moderate to major flooding
 continues in Paynter Creek and in the Mooloolah River, whilst moderate flood
 levels have commenced to ease along Coochin Creek. Major flooding has commenced
 to peak in the Caboolture River and in Burpengary Creek, whilst major flooding
 continues in the North and South Pine Rivers.

Further rises and higher levels are possible during Tuesday with the continued
 very heavy rainfall.

PINE AND CABOOLTURE RIVERS:

Major flooding in the upper Caboolture River has peaked and is currently falling. Major flooding continues at Caboolture, where at 1:40pm Tuesday the river level was 10.79 metres and near a peak. Major flooding is similarly slowly approaching a peak in Burpengary Creek.

Stream levels are currently easing in Baxters and Kobble Creeks, with major flooding continuing to rise in the South Pine River at Drapers Crossing and in the North Pine River at Youngs Crossing.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

The continuing heavy rainfall has moved into the hinterland areas of the Sunshine Coast, and is causing fast stream rises and minor to moderate flooding in the numerous small creeks and in the North and South Maroochy Rivers, and major flooding in Paynter Creek. Moderate to major flooding continues along the Mooloolah River. Moderate flood levels have commenced to ease in Coochin Creek following easing of the heavy rainfall.

NOOSA RIVER:

Minor to moderate flooding continues between Boreen Point and Lake Cooroibah. Minor flooding is also occurring at Tewantin, where river levels are reaching higher levels with the high tides.

Weather Forecast:

Rain areas and isolated thunderstorms. Some moderate to locally heavy falls.

Next Issue:

The next warning will be issued by about 5:30pm Tuesday.

Latest River Heights:

Mooloolah R at Mooloolah #	5.59m rising	01:12 PM TUE 11/01/11
Mooloolah R at Jordan St #	5.25m rising	01:39 PM TUE 11/01/11
Mooloolah R at Palmview #	4.94m steady	11:29 AM TUE 11/01/11
Curumundi Ck at Meridan Way #	2.16m rising	01:26 PM TUE 11/01/11
Mooloolah R U/S Parreara Weir #	1.76m rising	01:25 PM TUE 11/01/11
Mountain Ck at Tanawha #	1.6m falling	01:02 PM TUE 11/01/11
Mooloolaba Tide #	1.62m steady	01:59 PM TUE 11/01/11
Golden Beach #	1.26m rising	01:18 PM TUE 11/01/11
Coochin Ck at Old Gympie Rd #	4.3m falling	01:13 PM TUE 11/01/11
Coochin Ck at Beerwah #	6.05m falling	01:39 PM TUE 11/01/11
Coochin Ck at Mawsons Rd *	6.72m rising	11:30 AM TUE 11/01/11
N Maroochy R at Eumundi #	4.97m rising	02:01 PM TUE 11/01/11
S Maroochy R at Kiamba #	4.08m falling	01:56 PM TUE 11/01/11
S Maroochy R at Yandina #	3.83m steady	02:01 PM TUE 11/01/11
Maroochy R at Dunethin Rock #	2.55m rising	01:54 PM TUE 11/01/11
Yandina Ck at Yandina Ck #	5.26m rising	02:02 PM TUE 11/01/11
Doonan Ck at Doonan Creek #	4.3m rising	12:12 PM TUE 11/01/11
Maroochy R at Stoney Wharf Rd #	1.65m rising	01:59 PM TUE 11/01/11
Petrie Ck at West Woombye #	2.6m falling	02:00 PM TUE 11/01/11
Petrie Ck at Warana Br #	7.44m rising	01:34 PM TUE 11/01/11
Paynter Ck at Palmwoods Oval #	5m steady	01:46 PM TUE 11/01/11
Paynter Ck at Diddillibah#	4.11m rising	01:39 PM TUE 11/01/11
Eudlo Ck at Kiels Mountain *	3.1m rising	11:00 AM TUE 11/01/11
Maroochy R at Picnic Point #	0.93m steady	01:22 PM TUE 11/01/11
Teewah Ck at Coops Corner *	2.77m steady	12:00 PM TUE 11/01/11
L Cootharaba at Boreen Point	1.78m falling slowly	12:00 PM TUE 11/01/11
L Cooroibah #	1.58m rising	01:06 PM TUE 11/01/11
Noosa R at Tewantin #	1.15m rising	12:13 PM TUE 11/01/11
Noosa R at Noosa Bar #	0.85m rising	02:01 PM TUE 11/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE CABOOLTURE RIVER AND SUNSHINE COAST STREAMS
Issued at 6:19 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Very heavy rainfall of over 60 millimetres has been recorded in the catchment of the Noosa River during the last hour. Moderate flood levels are possible at Tewantin with tonight's high tide.

Major flooding has peaked in the Caboolture River and in Burpengary Creek and is nearing a peak in the lower Pine River.

The coastal streams from Noosa to the Pine Rivers area are responding quickly to intense rainfall and further rises are possible during Tuesday night with the forecast of further heavy rainfall.

PINE AND CABOOLTURE RIVERS:

Major flooding has peaked in the Caboolture River at Caboolture where the level at 6pm was 9.7 metres and falling. Major flooding is also falling quickly in Burpengary Creek.

Major flooding continuing to fall in the South Pine River at Drapers Crossing and major levels are nearing a peak in the North Pine River at Youngs Crossing and further downstream in the Pine River at Murrumba Downs.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Stream rises and minor to moderate flooding continue in the North and South Maroochy Rivers and tributary streams. Moderate to major flooding continues along the Mooloolah River. Moderate flood levels have commenced to ease in Coochin Creek following the easing of the heavy rainfall.

NOOSA RIVER:

Minor to moderate flooding continues between Boreen Point and Lake Cooroibah. Moderate flood levels are possible at Tewantin during Tuesday night coincident with high tide. Higher levels are possible if the heavy rainfall continues.

Weather Forecast:

Rain areas and isolated thunderstorms. Some moderate to locally heavy falls.

Next Issue:

The next warning will be issued by about 9am Wednesday or earlier if required.

Latest River Heights:

Mooloolah R at Mooloolah #	5.59m steady	01:12 PM TUE 11/01/11
Ewen Maddock Dam #	26.58m falling	05:21 PM TUE 11/01/11
Mooloolah R at Jordan St #	5.3m falling	04:59 PM TUE 11/01/11
Mooloolah R at Palmview #	4.94m steady	05:29 PM TUE 11/01/11
Curramundi Ck at Meridan Way #	2.41m rising	05:30 PM TUE 11/01/11
Mooloolah R U/S Parreara Weir #	1.87m rising	05:21 PM TUE 11/01/11
Mountain Ck at Tanawha #	1.55m falling	05:41 PM TUE 11/01/11
Coochin Ck at Old Gympie Rd #	3.55m falling	05:03 PM TUE 11/01/11
Coochin Ck at Beerwah #	5.1m falling	05:29 PM TUE 11/01/11
Coochin Ck at Mawsons Rd *	7.36m falling	05:30 PM TUE 11/01/11
N Maroochy R at Eumundi #	5.42m rising	05:37 PM TUE 11/01/11
S Maroochy R at Kiamba #	2.93m falling	05:32 PM TUE 11/01/11
S Maroochy R at Yandina #	3.13m falling	05:26 PM TUE 11/01/11
Maroochy R at Dunethin Rock #	2.75m steady	05:24 PM TUE 11/01/11
Yandina Ck at Yandina Ck #	5.36m rising	05:34 PM TUE 11/01/11
Doonan Ck at Doonan Creek #	4.4m rising	04:55 PM TUE 11/01/11
Maroochy R at Stoney Wharf Rd #	1.75m steady	05:29 PM TUE 11/01/11
Petrie Ck at West Woombye #	1.45m falling	05:36 PM TUE 11/01/11
Petrie Ck at Warana Br *	6.8m falling	04:10 PM TUE 11/01/11
Petrie Ck at Warana Br #	5.74m falling	05:40 PM TUE 11/01/11
Paynter Ck at Palmwoods Oval #	4.55m falling	05:23 PM TUE 11/01/11
Paynter Ck at Diddillibah#	4.36m falling	05:38 PM TUE 11/01/11
Eudlo Ck at Kiels Mountain *	3.2m steady	04:00 PM TUE 11/01/11
Maroochy R at Picnic Point #	0.98m rising	05:44 PM TUE 11/01/11
Teewah Ck at Coops Corner *	3.12m rising	04:00 PM TUE 11/01/11
L Cootharaba at Boreen Point	1.82m rising slowly	05:30 PM TUE 11/01/11
L Cooroibah #	1.63m steady	05:41 PM TUE 11/01/11
Noosa R at Tewantin #	1.15m rising	05:34 PM TUE 11/01/11

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE CABOOLTURE RIVER AND SUNSHINE COAST STREAMS
Issued at 8:04 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

The heavy rainfall has eased overnight to scattered showers, and the stream
levels are easing across the Sunshine Coast and Caboolture and Pine River
catchments.

Minor to moderate flooding continues to ease across the Sunshine Coast, although major flood levels remain high in the Mooloolah River at Jordan St. Minor flooding is easing in the North Pine River at Youngs Crossing.

PINE AND CABOOLTURE RIVERS:

River levels have fallen away below minor flood level along the Caboolture River and Burpengary Creek. Rivers levels have similarly fallen away below minor in the South Pine River, with some minor flooding easing in the North Pine River at Youngs Crossing.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Stream rises are generally easing across the Sunshine Coast with minor to moderate flooding easing in Eudlo, Doonan and Paynter Creeks. Minor to moderate flooding also continues to ease in the North Maroochy River. Minor to moderate flooding continues to slowly ease along the Mooloolah River, however major flood levels remain high at Jordan St but are easing very slowly. River levels have eased below minor along Coochin Creek.

NOOSA RIVER:

Minor to moderate flooding continues between Boreen Point and Lake Cooroibah. Minor flood levels are generally easing at Tewantin during Wednesday, however higher levels are coincident with the high tide.

Weather Forecast:

Scattered showers along the coast, tending isolated inland.

Next Issue:

The next warning will be issued at about 4pm Wednesday.

Latest River Heights:

Mooloolah R at Mooloolah #	5.6m steady	06:48 PM TUE 11/01/11
Ewen Maddock Dam #	26.26m steady	07:27 AM WED 12/01/11
Mooloolah R at Jordan St #	5.05m falling	08:01 AM WED 12/01/11
Mooloolah R at Palmview #	4.64m falling	07:18 AM WED 12/01/11
Curumundi Ck at Meridan Way #	2.26m falling	07:30 AM WED 12/01/11
Mooloolah R U/S Parreara Weir #	1.66m falling	07:42 AM WED 12/01/11
Mountain Ck at Tanawha #	0.75m falling	07:32 AM WED 12/01/11
Mooloolaba Tide #	1.02m steady	07:59 AM WED 12/01/11
Golden Beach #	0.71m falling	08:01 AM WED 12/01/11
Coochin Ck at Old Gympie Rd #	1.7m rising	07:01 AM WED 12/01/11
Coochin Ck at Beerwah #	2.15m falling	07:22 AM WED 12/01/11
Coochin Ck at Mawsons Rd *	3.38m falling	05:50 AM WED 12/01/11
N Maroochy R at Eumundi #	4.62m falling	07:54 AM WED 12/01/11
S Maroochy R at Kiamba #	1.68m falling	07:45 AM WED 12/01/11
S Maroochy R at Yandina #	1.93m steady	07:19 AM WED 12/01/11
Maroochy R at Dunethin Rock #	2.25m steady	02:24 AM WED 12/01/11
Yandina Ck at Yandina Ck #	5.16m falling	08:00 AM WED 12/01/11
Doonan Ck at Doonan Creek #	4.25m falling	07:39 AM WED 12/01/11
Maroochy R at Stoney Wharf Rd #	1.7m falling	06:55 AM WED 12/01/11
Petrie Ck at West Woombye #	0.45m falling	06:40 AM WED 12/01/11
Petrie Ck at Warana Br #	2.14m falling	07:20 AM WED 12/01/11
Paynter Ck at Palmwoods Oval #	2.75m falling	07:59 AM WED 12/01/11
Paynter Ck at Diddillibah#	3.76m falling	07:23 AM WED 12/01/11
Eudlo Ck at Eudlo #	NA	
Eudlo Ck at Kiels Mountain *	3.05m falling	05:00 AM WED 12/01/11

Maroochy R at Picnic Point #	0.73m steady	07:22 AM WED 12/01/11
Teewah Ck at Coops Corner *	3.94m falling	06:00 AM WED 12/01/11
L Cootharaba at Boreen Point #	1.83m steady	07:15 AM WED 12/01/11
L Cooroibah #	1.53m falling	06:42 AM WED 12/01/11
Noosa R at Tewantin #	1m falling	07:06 AM WED 12/01/11
Noosa R at Noosa Bar #	0.5m rising	07:46 AM WED 12/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE CABOOLTURE RIVER AND SUNSHINE COAST STREAMS

Issued at 4:28 PM on Wednesday the 12th of January 2011
 by the Bureau of Meteorology, Brisbane.

Rainfall has eased on the Sunshine Coasts, and stream levels are easing across
 the Sunshine Coast and Caboolture and Pine River catchments.

Minor to moderate flooding continues to ease across the Sunshine Coast, although
 major flood levels remain high in the Mooloolah River at Jordan St. Minor
 flooding is easing in the North Pine River at Youngs Crossing.

PINE AND CABOOLTURE RIVERS:

River levels have fallen away below minor flood level along the Caboolture,
 North Pine and South Pine Rivers and Burpengary Creek.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Minor to moderate flooding is continuing to ease in the Sunshine Coast Creeks
 and Streams.

NOOSA RIVER:

Minor flooding continues between Boreen Point and Lake Cooroibah, although
 levels are continuing to fall. Minor flood levels are generally easing at
 Tewantin during Wednesday, however higher levels are coincident with the high
 tide.

Weather Forecast:

Scattered showers along the coast, tending isolated inland.

Next Issue:

The next warning will be issued at about 10am Thursday.

Latest River Heights:

Mooloolah R at Mooloolah #	2.64m falling	03:48 PM WED 12/01/11
Ewen Maddock Dam #	26.12m falling	03:06 PM WED 12/01/11
Mooloolah R at Jordan St #	4.95m rising	04:14 PM WED 12/01/11
Mooloolah R at Palmview #	4.34m falling	04:13 PM WED 12/01/11
Currumundi Ck at Meridan Way #	1.91m falling	02:46 PM WED 12/01/11
Mooloolah R U/S Parreara Weir #	1.37m falling	04:14 PM WED 12/01/11
Mountain Ck at Tanawha #	0.7m steady	03:13 PM WED 12/01/11
Mooloolaba Tide #	1.12m falling	04:14 PM WED 12/01/11
Mooloolaba Tide *	1.23m steady	03:59 PM WED 12/01/11
Golden Beach #	0.81m falling	04:11 PM WED 12/01/11
Coochin Ck at Old Gympie Rd #	1.65m rising	12:42 PM WED 12/01/11
Coochin Ck at Beerwah #	2.1m falling	04:04 PM WED 12/01/11
Coochin Ck at Mawsons Rd *	3.38m falling	05:50 AM WED 12/01/11
N Maroochy R at Eumundi #	2.02m falling	03:28 PM WED 12/01/11
S Maroochy R at Kiamba #	1.83m rising	03:03 PM WED 12/01/11
S Maroochy R at Yandina #	1.83m steady	01:19 PM WED 12/01/11
Maroochy R at Dunethin Rock #	2.25m steady	02:24 AM WED 12/01/11
Yandina Ck at Yandina Ck #	4.81m falling	04:03 PM WED 12/01/11
Doonan Ck at Doonan Creek #	4.05m falling	03:16 PM WED 12/01/11
Maroochy R at Stoney Wharf Rd #	1.5m falling	02:43 PM WED 12/01/11
Petrie Ck at West Woombye #	0.45m falling	03:18 PM WED 12/01/11
Petrie Ck at Warana Br #	2.24m steady	03:12 PM WED 12/01/11
Paynter Ck at Palmwoods Oval #	2.1m rising	03:57 PM WED 12/01/11
Paynter Ck at Diddillibah#	3.66m falling	02:02 PM WED 12/01/11
Eudlo Ck at Kiels Mountain *	2.88m falling	03:00 PM WED 12/01/11
Maroochy R at Picnic Point #	0.73m rising	04:14 PM WED 12/01/11
Teewah Ck at Coops Corner *	2.9m falling	03:00 PM WED 12/01/11
L Cootharaba at Boreen Point #	1.73m steady	04:15 PM WED 12/01/11
L Cootharaba at Boreen Point	1.8m falling slowly	07:00 AM WED 12/01/11
L Cooroibah #	1.48m steady	02:41 PM WED 12/01/11
L Cooroibah	1.3m falling	03:00 PM WED 12/01/11
Noosa R at Tewantin #	1m steady	02:21 PM WED 12/01/11
Noosa R at Noosa Bar #	0.55m falling	03:56 PM WED 12/01/11

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM613

IDQ20795

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE CABOOLTURE RIVER AND SUNSHINE COAST STREAMS

Issued at 7:03 AM on Thursday the 13th of January 2011

by the Bureau of Meteorology, Brisbane.

Stream levels continue to ease across the Sunshine Coast and Caboolture and Pine River catchments.

Some moderate flooding remains in the Mooloolah River at Jordan St and in Paynter Creek at Diddillibah, however levels will continue to ease further during Thursday.

PINE AND CABOOLTURE RIVERS:

River levels have fallen away below minor flood level along the Caboolture, North Pine and South Pine Rivers and Burpengary Creek.

MAROOCHY AND MOOLOOLAH RIVERS AND COOCHIN CREEK:

Stream levels have continued to ease below minor flood level overnight in the Sunshine Coast Creeks and Streams. Moderate flooding however continues to ease in the Mooloolah River at Jordan St and in Paynter Creek at Diddillibah.

NOOSA RIVER:

Minor flooding is easing between Boreen Point and Lake Cooroibah. River levels have eased below minor flood level at Tewantin, however higher levels are still likely coincident with the high tide during Thursday.

Weather Forecast:
Isolated showers.

Next Issue:

This is the final warning. River Height Bulletins will continue to be issued.

Latest River Heights:

Mooloolah R at Mooloolah *	1.82m falling	05:00 AM THU 13/01/11
Mooloolah R at Jordan St #	4.45m falling	05:53 AM THU 13/01/11
Mooloolah R at Palmview #	3.94m steady	06:47 AM THU 13/01/11
Curumundi Ck at Meridan Way #	1.61m falling	05:28 AM THU 13/01/11
Mooloolah R U/S Parreara Weir #	0.81m falling	06:48 AM THU 13/01/11
Mountain Ck at Tanawha #	0.55m steady	06:13 AM THU 13/01/11
Mooloolaba Tide #	0.97m falling	06:44 AM THU 13/01/11
Golden Beach #	0.71m falling	06:41 AM THU 13/01/11
Coochin Ck at Old Gympie Rd #	1.35m steady	06:36 AM THU 13/01/11
Coochin Ck at Beerwah #	1.8m falling	01:06 AM THU 13/01/11
N Maroochy R at Eumundi #	1.37m falling	05:25 AM THU 13/01/11
S Maroochy R at Kiamba #	1.43m falling	05:21 AM THU 13/01/11
S Maroochy R at Yandina *	1.52m falling	05:00 AM THU 13/01/11
Yandina Ck at Yandina Ck #	3.51m falling	06:46 AM THU 13/01/11
Doonan Ck at Doonan Creek #	3.7m rising	06:14 AM THU 13/01/11
Maroochy R at Stoney Wharf Rd #	1m falling	06:40 AM THU 13/01/11
Petrie Ck at West Woombye #	0.3m steady	05:12 AM THU 13/01/11
Petrie Ck at Warana Br #	1.69m falling	06:39 AM THU 13/01/11
Paynter Ck at Palmwoods Oval #	1.35m falling	06:20 AM THU 13/01/11
Paynter Ck at Diddillibah#	3.51m falling	05:35 AM THU 13/01/11
Eudlo Ck at Kiels Mountain *	2.55m falling	05:00 AM THU 13/01/11
Maroochy R at Picnic Point #	0.38m falling	06:03 AM THU 13/01/11
Teewah Ck at Coops Corner *	2.15m falling	05:00 AM THU 13/01/11
L Cootharaba at Boreen Point	1.8m falling slowly	07:00 AM WED 12/01/11
L Cooroibah #	1.33m steady	05:41 AM THU 13/01/11
Noosa R at Tewantin #	0.85m falling	05:56 AM THU 13/01/11
Noosa R at Noosa Bar #	0.4m falling	06:38 AM THU 13/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.



FLDWARN for the Upper Brisbane R basin

6 January 2011 to 19 January 2011

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 3:24 PM on Thursday the 6th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall of up to 60mm today has led to fast creek and river level rises along the upper Brisbane River and tributaries. Minor to moderate flood levels are expected at Linville and Devon Hills this evening. Moderate, possibly major flood levels are forecast at Gregor Creek overnight.

##

Next Issue:

The next warning will be issued by 8pm Thursday.

Latest River Heights:

Kilcoy Ck d/s Mt Kilcoy Weir *	2.54m falling	08:20 AM THU 06/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	2.31m steady	03:09 PM THU 06/01/11
Stanley R at Somerset Dam HW #	99.26m falling	03:06 PM THU 06/01/11
Stanley R at Somerset Dam HW #	99.36m rising	03:02 PM THU 06/01/11
Cooyar Ck at Cooyar Ck *	5.03m rising	01:31 PM THU 06/01/11
Cooyar Ck at Cooyar Ck #	7.86m rising	03:07 PM THU 06/01/11
Brisbane R at Linville #	3.42m rising	03:02 PM THU 06/01/11
Brisbane R at Devon Hills #	4.43m steady	02:59 PM THU 06/01/11
Emu Ck at Boat Mountain *	1.31m steady	01:00 PM THU 06/01/11
Emu Ck at Boat Mountain #	1.44m rising	02:59 PM THU 06/01/11
Maronghi Ck at Glendale *	1.9m rising	01:00 PM THU 06/01/11
Brisbane R at Gregor Ck *	3.28m rising	01:30 PM THU 06/01/11
Brisbane R at Gregor Ck #	3.94m rising	03:08 PM THU 06/01/11
Cressbrook Ck at Rosentreter's Br *	1.85m steady	01:00 PM THU 06/01/11
Cressbrook Ck at Rosentreter's Br #	2.04m rising	03:07 PM THU 06/01/11
Esk Ck at Falls Rd *	2.07m steady	01:30 PM THU 06/01/11
Splityard Creek Dam #	163.5m steady	01:19 PM THU 06/01/11
Brisbane R at Wivenhoe Dam	67.31m rising slowly	07:00 AM THU 06/01/11
Brisbane R at Wivenhoe Dam HW #	67.39m rising	02:17 PM THU 06/01/11

*automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 7:49 PM on Thursday the 6th of January 2011
by the Bureau of Meteorology, Brisbane.

The heavy rainfall has cleared from the upper Brisbane River catchment. Fast creek and river level rises are continuing during Thursday evening along the upper Brisbane River and tributaries. Minor to moderate flooding continues to rise in the upper Brisbane River at Linville and Devon Hills. Moderate flooding is rising at Gregor Creek.

Higher levels are possible but dependent on further heavy rainfall.

Next Issue:

The next warning will be issued by 8am Friday.

Latest River Heights:

Stanley R at Peachester #	1.16m rising	07:31 PM THU 06/01/11
Stanley R at Woodford #	2.44m rising	07:26 PM THU 06/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	2.76m rising	07:30 PM THU 06/01/11
Stanley R at Somerset Dam HW #	99.32m rising	07:24 PM THU 06/01/11
Cooyar Ck at Cooyar Ck #	4.72m falling	07:31 PM THU 06/01/11
Brisbane R at Linville #	6.38m rising	07:27 PM THU 06/01/11
Brisbane R at Devon Hills #	5.03m rising	07:31 PM THU 06/01/11
Emu Ck at Boat Mountain #	3.68m rising	07:32 PM THU 06/01/11
Maronghi Ck at Glendale *	2.64m rising	06:30 PM THU 06/01/11
Brisbane R at Gregor Ck #	5.02m rising	07:20 PM THU 06/01/11
Cressbrook Ck at Rosentreter's Br #	2.24m rising	07:10 PM THU 06/01/11
Esk Ck at Falls Rd *	3.34m falling	06:20 PM THU 06/01/11
Splityard Creek Dam #	163.5m steady	07:19 PM THU 06/01/11
Brisbane R at Wivenhoe Dam	67.31m rising slowly	07:00 AM THU 06/01/11
Brisbane R at Wivenhoe Dam TW #	27.86m rising	07:18 PM THU 06/01/11

*,# denotes automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 7:28 AM on Friday the 7th of January 2011
by the Bureau of Meteorology, Brisbane.

50 - 70 mm of rainfall fell over the catchment area during Thursday and caused fast river rises and minor to moderate flooding on Cooyar Creek and the Upper Brisbane River. Water levels on Cooyar Creek have now fallen below minor. Minor to moderate flooding is easing on the Upper Brisbane River between

Linville and Gregor Creek.

Further rainfall is forecast for the catchment during Friday which may cause renewed river level rises.

Weather Forecast:
Rain areas.

Next Issue:
The next warning will be issued by 5pm Friday.

Latest River Heights:

Stanley R at Peachester #	1.76m rising	07:04 AM FRI 07/01/11
Stanley R at Woodford #	2.86m rising	07:11 AM FRI 07/01/11
Stanley R at Somerset Dam	99.54m steady	06:39 AM FRI 07/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	2.41m steady	07:06 AM FRI 07/01/11
Cooyar Ck at Cooyar Ck #	2.98m falling	07:13 AM FRI 07/01/11
Brisbane R at Linville #	3.52m falling	07:09 AM FRI 07/01/11
Brisbane R at Devon Hills #	4.35m falling	07:02 AM FRI 07/01/11
Emu Ck at Boat Mountain #	3.66m falling	07:14 AM FRI 07/01/11
Maronghi Ck at Glendale *	2.1m steady	06:00 AM FRI 07/01/11
Brisbane R at Gregor Ck #	5.88m falling	07:14 AM FRI 07/01/11
Cressbrook Ck at Rosentreeters Br #	2.42m steady	06:20 AM FRI 07/01/11
Esk Ck at Falls Rd *	2.06m steady	06:20 AM FRI 07/01/11
Splityard Creek Dam #	163.45m steady	04:19 AM FRI 07/01/11
Brisbane R at Wivenhoe Dam	67.69m rising	07:05 AM FRI 07/01/11
Brisbane R at Wivenhoe Dam TW #	29.13m steady	07:14 AM FRI 07/01/11

*, # denote automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 5:03 PM on Friday the 7th of January 2011
by the Bureau of Meteorology, Brisbane.

Further rainfall of between 20-40mm has been recorded in the upper Brisbane catchment since 9am Friday. Renewed rises and minor to moderate flooding have been recorded in Gregor and Cressbrook Creeks and along the Brisbane River between Linville and Devon Hills. Further river level rises are expected during Friday evening as rainfall continues. River levels are not expected to reach heights recorded yesterday.

Further rainfall is forecast for the catchment into Saturday which may produce further river level rises.

Weather Forecast:
Rain areas and local thunder. Some moderate to locally heavy falls possible about the Sunshine Coast.

Next Issue:

The next warning will be issued by 9am Saturday.

Latest River Heights:

Stanley R at Peachester #	3.32m rising	04:16 PM FRI 07/01/11
Stanley R at Woodford #	4.88m rising	04:14 PM FRI 07/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	3.45m steady	04:15 PM FRI 07/01/11
Stanley R at Somerset Dam HW #	99.86m rising	04:15 PM FRI 07/01/11
Cooyar Ck at Cooyar Ck #	4.7m rising	04:16 PM FRI 07/01/11
Brisbane R at Linville #	4.58m rising	04:15 PM FRI 07/01/11
Brisbane R at Devon Hills #	5.03m rising	04:00 PM FRI 07/01/11
Emu Ck at Boat Mountain #	3.22m rising	04:13 PM FRI 07/01/11
Brisbane R at Gregor Ck #	5.92m rising	04:11 PM FRI 07/01/11
Cressbrook Ck at Rosentreter's Br #	3.16m steady	03:20 PM FRI 07/01/11
Esk Ck at Falls Rd *	4.49m rising	03:20 PM FRI 07/01/11
Splityard Creek Dam #	163.4m steady	01:19 PM FRI 07/01/11
Brisbane R at Wivenhoe Dam HW #	68.05m falling	04:10 PM FRI 07/01/11
Brisbane R at Wivenhoe Dam TW #	29.79m rising	04:11 PM FRI 07/01/11

*,# from automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER ABOVE WIVENHOE DAM

Issued at 12:58 AM on Saturday the 8th of January 2011
by the Bureau of Meteorology, Brisbane.

Renewed rises and minor to moderate flooding are occurring in Gregor and Cressbrook Creeks, with major flooding occurring along the Brisbane River between Linville and Devon Hills. Further river level rises are possible during Saturday morning as rainfall continues.

Further rainfall is forecast for the catchment during Saturday which may produce further renewed river levels.

Weather Forecast:

Rain at times with possible thunder.

Next Issue:

The next warning will be issued by 9am Saturday.

Latest River Heights:

Stanley R at Peachester #	2.14m falling	12:43 AM SAT 08/01/11
Stanley R at Woodford #	4.92m falling	12:38 AM SAT 08/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	4.52m falling	12:47 AM SAT 08/01/11
Stanley R at Somerset Dam HW #	100.16m steady	12:42 AM SAT 08/01/11
Cooyar Ck at Cooyar Ck #	4.58m falling	12:37 AM SAT 08/01/11
Brisbane R at Linville #	6.5m falling	12:45 AM SAT 08/01/11
Brisbane R at Devon Hills #	7.11m rising	12:40 AM SAT 08/01/11

Emu Ck at Boat Mountain #	4.42m falling	12:37 AM SAT 08/01/11
Maronghi Ck at Glendale *	2.62m falling	11:00 PM FRI 07/01/11
Brisbane R at Gregor Ck #	7.28m rising	12:47 AM SAT 08/01/11
Cressbrook Ck at Rosentreeters Br #	3.1m steady	12:20 AM SAT 08/01/11
Esk Ck at Falls Rd *	4.08m falling	06:10 PM FRI 07/01/11
Splityard Creek Dam #	163.35m falling	10:57 PM FRI 07/01/11
Brisbane R at Wivenhoe Dam HW #	68.33m steady	12:46 AM SAT 08/01/11
Brisbane R at Wivenhoe Dam TW #	32.1m rising	12:47 AM SAT 08/01/11

*,# denotes automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 8:53 AM on Saturday the 8th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor to moderate flooding is easing in the Brisbane River catchment between Linville and Gregor Creek. Further river level rises are possible during Saturday as further rainfall is forecast.

Next Issue:

The next warning will be issued by 9am Sunday.

Latest River Heights:

Brisbane R at Linville #	4.5m falling	07:57 AM SAT 08/01/11
Brisbane R at Devon Hills #	5.37m falling	08:07 AM SAT 08/01/11
Emu Ck at Boat Mountain #	4.34m falling	08:07 AM SAT 08/01/11
Maronghi Ck at Glendale *	2.21m falling	07:00 AM SAT 08/01/11
Brisbane R at Gregor Ck *	7.22m falling	07:30 AM SAT 08/01/11
Brisbane R at Gregor Ck #	7m falling	08:08 AM SAT 08/01/11
Cressbrook Ck at Rosentreeters Br #	2.8m falling	07:42 AM SAT 08/01/11
Esk Ck at Falls Rd *	2.05m rising	07:20 AM SAT 08/01/11
Splityard Creek Dam #	163.35m steady	07:19 AM SAT 08/01/11
Brisbane R at Wivenhoe Dam HW #	68.55m rising	08:07 AM SAT 08/01/11

*automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 9:28 AM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall has returned to the Brisbane River catchment overnight and will continue through today.

Minor flood levels are occurring along the Stanley River at Peachester. Some moderate flood levels are expected today at Woodford with higher levels possible as rainfall continues.

A return to moderate and major flood levels is likely from Linville to Gregor Creek today.

Next Issue:

The next warning will be issued by 2pm Sunday.

Latest River Heights:

Stanley R at Peachester *	5.19m rising	08:00 AM SUN 09/01/11
Stanley R at Peachester #	5.88m rising	09:10 AM SUN 09/01/11
Stanley R at Woodford *	4.4m rising	08:20 AM SUN 09/01/11
Kilcoy Ck d/s Mt Kilcoy Weir *	4.88m rising	08:20 AM SUN 09/01/11
Stanley R at Somerset Dam HW #	100.12m rising	09:03 AM SUN 09/01/11
Cooyar Ck at Cooyar Ck *	2.71m steady	08:00 AM SUN 09/01/11
Brisbane R at Linville #	3.52m rising	09:12 AM SUN 09/01/11
Brisbane R at Devon Hills #	5.25m falling	09:12 AM SUN 09/01/11
Emu Ck at Boat Mountain *	2.13m falling	08:00 AM SUN 09/01/11
Maronghi Ck at Glendale *	2.01m rising	08:00 AM SUN 09/01/11
Brisbane R at Gregor Ck *	4.92m rising	08:30 AM SUN 09/01/11
Cressbrook Ck at Rosentreter Br *	2.29m steady	08:00 AM SUN 09/01/11
Cressbrook Ck at Rosentreter Br #	2.28m falling	07:36 AM SUN 09/01/11
Esk Ck at Falls Rd *	1.96m falling	08:20 AM SUN 09/01/11
Splityard Creek Dam #	163.2m steady	07:19 AM SUN 09/01/11
Brisbane R at Wivenhoe Dam HW #	68.55m rising	09:00 AM SUN 09/01/11

*automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 2:12 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of up to 85 millimetres has been recorded in the catchments of the Upper Brisbane and Stanley Rivers during the 5 hours since 9am Sunday. Heavy

rainfall is expected to continue in the catchments during Sunday and Monday with major flood levels expected in the Upper Brisbane River during Sunday and into Monday.

UPPER BRISBANE RIVER:

The heavy rainfall is causing very fast rises in the Upper Brisbane River at Linville with major flood levels expected during Sunday afternoon. Fast rises to major flood levels are expected downstream to Gregor Creek during Sunday and into Monday.

STANLEY RIVER:

Minor flood levels are currently steady in the Stanley River at Peachester but renewed rises are possible during the next 24 hours. Moderate flood levels are expected later today at Woodford with higher levels possible as rainfall continues. Rises and flooding are also possible in Kilcoy Creek during the next 24 hours.

Next Issue:

The next warning will be issued by 10pm Sunday.

Latest River Heights:

Stanley R at Peachester #	7.68m steady	01:37 PM SUN 09/01/11
Stanley R at Woodford #	4.92m rising	01:31 PM SUN 09/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	6.48m steady	01:43 PM SUN 09/01/11
Cooyar Ck at Cooyar Ck #	5.1m rising	01:45 PM SUN 09/01/11
Brisbane R at Linville *	3.41m rising	08:10 AM SUN 09/01/11
Brisbane R at Devon Hills #	5.61m rising	01:46 PM SUN 09/01/11
Emu Ck at Boat Mountain #	2.82m rising	01:43 PM SUN 09/01/11
Maronghi Ck at Glendale *	2.08m rising	12:17 PM SUN 09/01/11
Brisbane R at Gregor Ck #	6.48m rising	01:44 PM SUN 09/01/11
Cressbrook Ck at Rosentreter's Br #	3.12m rising	01:30 PM SUN 09/01/11

*,# automatic

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 10:38 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of between 100 and 250 millimetres has been recorded in the catchments of the Upper Brisbane and Stanley Rivers during the 13 hours since 9am Sunday. The heavy rainfall is expected to continue in the catchments with major flood levels being maintained during Sunday and Monday.

UPPER BRISBANE RIVER:

Major flooding has developed in Cooyar and Cressbrook Creeks and in the Upper Brisbane River from Linville downstream to Gregor Creek. Further rises and high level major flooding are possible during Sunday and into Monday.

STANLEY RIVER:

Major flood levels are continuing to rise in the Stanley River at Peachester and Woodford. Further rises and high level major flooding are possible during Sunday and into Monday.

Further rises and flooding are also possible in Kilcoy Creek during the next 24 hours.

Next Issue:

The next warning will be issued by 9am Monday.

Latest River Heights:

Stanley R at Peachester #	8.92m steady	10:07 PM SUN 09/01/11
Stanley R at Woodford #	8.18m rising	10:11 PM SUN 09/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	7.12m steady	10:11 PM SUN 09/01/11
Cooyar Ck at Cooyar Ck #	8.1m rising	10:00 PM SUN 09/01/11
Brisbane R at Linville #	9.66m steady	10:06 PM SUN 09/01/11
Brisbane R at Devon Hills #	11.19m falling	10:00 PM SUN 09/01/11
Emu Ck at Boat Mountain #	9.72m steady	10:06 PM SUN 09/01/11
Brisbane R at Gregor Ck #	14.52m falling	10:11 PM SUN 09/01/11
Cressbrook Ck at Rosentreter's Br #	5.16m falling	10:06 PM SUN 09/01/11

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 9:16 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of up to 300mm has been recorded in the catchments of the Upper Brisbane and Stanley Rivers during the 24 hours to 9am Monday. Major flood levels continue although levels are currently easing. Further rises are possible and the heavy rainfall is expected to continue today.

UPPER BRISBANE RIVER:

Moderate to major flooding continues in much of the upper Brisbane catchment. Flood levels are now easing although further rainfall is expected today.

STANLEY RIVER:

Major flood levels are easing in the Stanley River at Peachester and Woodford. Further rises and high level major flooding are possible during Monday as rainfall continues.

Next Issue:

The next warning will be issued by 4pm Monday.

Latest River Heights:

Stanley R at Peachester #	7.36m falling	08:16 AM MON 10/01/11
Stanley R at Woodford #	8.28m falling	08:10 AM MON 10/01/11
Kilcoy Ck d/s Mt Kilcoy Weir *	6.36m falling	06:00 AM MON 10/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.92m steady	08:16 AM MON 10/01/11
Stanley R at Somerset Dam HW #	102.84m rising	08:18 AM MON 10/01/11
Cooyar Ck at Cooyar Ck #	6.36m falling	08:18 AM MON 10/01/11
Brisbane R at Linville *	7.54m falling	06:00 AM MON 10/01/11
Brisbane R at Linville #	6.94m falling	08:15 AM MON 10/01/11
Brisbane R at Devon Hills #	8.25m falling	08:19 AM MON 10/01/11
Emu Ck at Boat Mountain *	7.01m falling	07:28 AM MON 10/01/11
Emu Ck at Boat Mountain #	6.62m falling	08:13 AM MON 10/01/11
Maronghi Ck at Glendale *	3.23m falling	07:17 AM MON 10/01/11
Brisbane R at Gregor Ck *	9.6m falling	07:30 AM MON 10/01/11
Brisbane R at Gregor Ck #	11.44m falling	08:17 AM MON 10/01/11
Cressbrook Ck at Rosentreter's Br *	4.3m falling	07:20 AM MON 10/01/11
Cressbrook Ck at Rosentreter's Br #	4.2m falling	08:18 AM MON 10/01/11
Esk Ck at Falls Rd *	4.05m steady	06:00 AM MON 10/01/11
Splityard Creek Dam #	166.1m rising	07:57 AM MON 10/01/11
Brisbane R at Wivenhoe Dam	68.55m falling slowly	09:00 AM SUN 09/01/11
Brisbane R at Wivenhoe Dam HW #	71.45m falling	08:18 AM MON 10/01/11
Brisbane R at Wivenhoe Dam HW #	71.47m rising	08:17 AM MON 10/01/11
Brisbane R at Wivenhoe Dam TW #	38.67m rising	08:17 AM MON 10/01/11
Brisbane R at Wivenhoe Dam TW #	38.6m falling	08:18 AM MON 10/01/11

*automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 5:22 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall of between 50-75mm has been recorded in the Cressbrook Creek catchment with localised totals in excess of 125mm. Major flood levels continue at Gregor Creek and at Rosentreter's Bridge although levels are currently easing. Further rises are possible as heavy rainfall is forecast into Tuesday.

UPPER BRISBANE RIVER:

Moderate to major flooding continues in much of the upper Brisbane catchment. Flood levels are now easing although further rainfall is forecast for the remainder of today and into Tuesday.

STANLEY RIVER:

Minor to moderate flood levels are easing in the Stanley River at Peachester and Woodford. Further rises are possible during the next 24 hours as rainfall continues.

Next Issue:

The next warning will be issued by 9am Tuesday.

Latest River Heights:

Stanley R at Peachester #	7.06m falling	05:07 PM MON 10/01/11
Stanley R at Woodford #	7.38m falling	05:07 PM MON 10/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.55m steady	05:09 PM MON 10/01/11
Stanley R at Somerset Dam HW #	103.34m rising	04:20 PM MON 10/01/11
Cooyar Ck at Cooyar Ck #	4.48m falling	05:09 PM MON 10/01/11
Brisbane R at Linville #	4.94m falling	05:09 PM MON 10/01/11
Brisbane R at Devon Hills #	6.11m falling	05:02 PM MON 10/01/11
Emu Ck at Boat Mountain #	5.84m rising	05:01 PM MON 10/01/11
Maronghi Ck at Glendale *	4.37m rising	04:30 PM MON 10/01/11
Brisbane R at Gregor Ck #	8.62m steady	04:53 PM MON 10/01/11
Cressbrook Ck at Rosentreters Br #	6.66m falling	05:06 PM MON 10/01/11
Esk Ck at Falls Rd *	3.95m falling	10:40 AM MON 10/01/11
Splityard Creek Dam #	162.7m rising	05:06 PM MON 10/01/11
Brisbane R at Wivenhoe Dam HW #	72.83m falling	05:07 PM MON 10/01/11
Brisbane R at Wivenhoe Dam TW #	39.92m rising	05:03 PM MON 10/01/11

*,# from automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 6:56 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Further widespread rainfall totals of between 30-60mm has been recorded in the last 6 hours to 6am Tuesday across the upper Brisbane River catchment. Renewed rises and major flooding continues at Cooyar, Gregor and Cressbrook Creeks and along the upper Brisbane River at Linville at Devon Hills.

UPPER BRISBANE RIVER:

Further rises and major flooding continues in much of the upper Brisbane catchment during Tuesday morning. Further rainfall is forecast for the remainder of today.

STANLEY RIVER:

Renewed rises are occurring with the heavy rainfall in the Stanley River causing minor to moderate flooding at Peachester and Woodford. Rises are also occurring in Kilcoy Creek.

Weather Forecast:

Rain periods with possible thunder. Rain gradually easing later in the day.

Next Issue:

The next warning will be issued by 1pm Tuesday.

Latest River Heights:

Stanley R at Peachester #	5.52m falling	06:22 AM TUE 11/01/11
Stanley R at Woodford #	6.42m rising	06:32 AM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	4.82m steady	06:32 AM TUE 11/01/11
Stanley R at Somerset Dam HW #	103.26m rising	06:29 AM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	8.92m falling	06:33 AM TUE 11/01/11
Brisbane R at Linville #	9.42m falling	06:33 AM TUE 11/01/11
Brisbane R at Devon Hills #	10.81m rising	06:03 AM TUE 11/01/11
Emu Ck at Boat Mountain #	7.66m rising	06:07 AM TUE 11/01/11
Maronghi Ck at Glendale *	2.81m steady	05:00 AM TUE 11/01/11
Brisbane R at Gregor Ck #	11.08m rising	06:32 AM TUE 11/01/11
Cressbrook Ck at Rosentreeters Br #	5.68m rising	06:12 AM TUE 11/01/11
Esk Ck at Falls Rd *	3.71m rising	05:40 AM TUE 11/01/11
Splityard Creek Dam #	162.7m rising	05:54 AM TUE 11/01/11
Brisbane R at Wivenhoe Dam HW #	73.59m rising	06:30 AM TUE 11/01/11
Brisbane R at Wivenhoe Dam TW #	41.9m falling	06:29 AM TUE 11/01/11

*,# denotes automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 1:02 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Further very heavy rainfall totals of between 100-150mm has been recorded in the 3 hours to 1pm Tuesday across the Stanley catchment above Somerset Dam. Fast rises and minor to moderate flooding is occurring along the Stanley River with higher levels expected. Moderate to major flooding has commenced to ease in Cooyar, Gregor and Cressbrook Creeks. Major flooding continues along the upper Brisbane River at Linville at Devon Hills where river levels are also easing.

UPPER BRISBANE RIVER:

The rainfall has eased in the upper Brisbane catchment above Wivenhoe Dam with less than 20mm recorded in the 3 hours to 1pm Tuesday. Whilst moderate to major flooding is generally easing, further rainfall is forecast for the remainder of

today.

STANLEY RIVER:

Fast rises and minor to moderate flooding is occurring in the Stanley River above Somerset Dam, with further rises and higher flood levels expected during Tuesday afternoon with the continued very heavy rainfall. Creek rises continue in Kilcoy Creek.

Weather Forecast:

Rain periods with possible thunder. Moderate to heavy falls possible.

Next Issue:

The next warning will be issued at about 5pm Tuesday.

Latest River Heights:

Stanley R at Peachester #	8.1m rising	12:55 PM TUE 11/01/11
Stanley R at Woodford #	7.94m rising	12:56 PM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.6m steady	12:54 PM TUE 11/01/11
Stanley R at Somerset Dam HW #	103.7m rising	12:53 PM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	6.78m falling	12:39 PM TUE 11/01/11
Brisbane R at Linville #	7.16m falling	12:57 PM TUE 11/01/11
Brisbane R at Devon Hills #	9.33m falling	12:46 PM TUE 11/01/11
Emu Ck at Boat Mountain #	9.32m steady	12:19 PM TUE 11/01/11
Maronghi Ck at Glendale *	3.55m falling	11:50 AM TUE 11/01/11
Brisbane R at Gregor Ck #	12.96m falling	12:56 PM TUE 11/01/11
Cressbrook Ck at Rosentreters Br #	6.1m rising	12:54 PM TUE 11/01/11
Esk Ck at Falls Rd *	5.3m falling	11:40 AM TUE 11/01/11
Splityard Creek Dam #	162.25m rising	12:57 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam HW #	74.23m falling	12:54 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam TW #	44.8m rising	12:56 PM TUE 11/01/11

*,# denotes automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 4:52 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The rainfall in the catchments of the Upper Brisbane and Stanley Rivers has eased to around 20-30 millimetres in the last three hours.

Fast rises are causing major flooding in the Stanley River at Peachester and Woodford.

Moderate to major flooding continues to ease in Cooyar, Gregor and Cressbrook Creeks. Major flooding continues along the upper Brisbane River from Linville to Gregor Creek with levels now easing slowly.

Creek rises continue in Kilcoy Creek with levels expected to peak overnight.

Weather Forecast:

Rain periods with possible thunder. Moderate to heavy falls possible.

Next Issue:

The next warning will be issued at about 11pm Tuesday.

Latest River Heights:

Stanley R at Peachester #	8.86m falling	04:01 PM TUE 11/01/11
Stanley R at Woodford #	9.24m rising	03:58 PM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.68m steady	03:56 PM TUE 11/01/11
Stanley R at Somerset Dam HW #	104.16m rising	04:02 PM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	5.6m falling	04:00 PM TUE 11/01/11
Brisbane R at Linville #	6.12m falling	03:51 PM TUE 11/01/11
Brisbane R at Devon Hills #	7.51m falling	04:02 PM TUE 11/01/11
Emu Ck at Boat Mountain #	6.52m falling	04:01 PM TUE 11/01/11
Maronghi Ck at Glendale *	2.92m steady	02:18 PM TUE 11/01/11
Brisbane R at Gregor Ck #	10.94m falling	04:02 PM TUE 11/01/11
Cressbrook Ck at Rosentreter's Br #	6.06m falling	03:54 PM TUE 11/01/11
Esk Ck at Falls Rd *	5.06m rising	02:30 PM TUE 11/01/11
Splityard Creek Dam #	160m falling	03:59 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam HW #	74.59m rising	04:02 PM TUE 11/01/11
Brisbane R at Wivenhoe Dam TW #	26.45m steady	03:59 PM TUE 11/01/11

*,# from automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 11:18 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The rainfall in the catchments of the Upper Brisbane and Stanley Rivers have continued to ease, with rainfall totals in the last three hours generally less than 10 millimetres.

Major flooding is now falling in the Stanley River at Woodford, the Brisbane River at Gregor Creek and at Rosentreter's on Cressbrook Creek.

River levels in the upper Brisbane and Stanley Rivers will continue to fall overnight.

Next Issue:

The next warning will be issued at about 10am Wednesday.

Latest River Heights:

Stanley R at Peachester #	7.86m steady	10:48 PM TUE 11/01/11
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Stanley R at Woodford #	9.08m falling	10:50 PM TUE 11/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	5.41m steady	10:51 PM TUE 11/01/11
Cooyar Ck at Cooyar Ck #	4.22m falling	10:42 PM TUE 11/01/11
Brisbane R at Linville #	4.78m falling	10:48 PM TUE 11/01/11
Brisbane R at Devon Hills #	5.85m falling	10:50 PM TUE 11/01/11
Brisbane R at Gregor Ck #	8.04m falling	10:47 PM TUE 11/01/11
Cressbrook Ck at Rosentreeters Br #	5.84m rising	10:51 PM TUE 11/01/11

automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 8:55 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall has now eased over the catchment.

Moderate flooding continues to ease in the Stanley River at Woodford. Minor to moderate flooding continues to ease on the Upper Brisbane River between Linville and Gregor Creek. Major flooding is easing on Cressbrook Creek at Rosentreeters.

River levels will continue to fall during Wednesday.

Next Issue:

The next warning will be issued at about 6pm Wednesday.

Latest River Heights:

Stanley R at Peachester #	4.92m falling	08:34 AM WED 12/01/11
Stanley R at Woodford #	7.22m falling	08:32 AM WED 12/01/11
Stanley R at Woodford #	7.2m falling	08:31 AM WED 12/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	3.84m steady	08:40 AM WED 12/01/11
Cooyar Ck at Cooyar Ck #	3.14m falling	08:39 AM WED 12/01/11
Brisbane R at Linville #	3.5m falling	08:33 AM WED 12/01/11
Brisbane R at Devon Hills #	4.41m falling	08:36 AM WED 12/01/11
Brisbane R at Gregor Ck #	5.66m falling	08:35 AM WED 12/01/11
Cressbrook Ck at Rosentreeters Br #	5.08m falling	08:27 AM WED 12/01/11

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 5:46 PM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall has now eased over the catchment.

Moderate flooding continues to ease in the Stanley River at Woodford. Minor to moderate flooding continues to ease on the Upper Brisbane River between Linville and Gregor Creek. Moderate flooding is easing on Cressbrook Creek at Rosentreters.

River levels will continue to fall during Wednesday.

Next Issue:

The next warning will be issued at about 9am Thursday.

Latest River Heights:

Stanley R at Peachester #	3.12m falling	05:10 PM WED 12/01/11
Stanley R at Woodford #	6.1m falling	05:23 PM WED 12/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	2.97m steady	05:23 PM WED 12/01/11
Stanley R at Somerset Dam HW #	104.7m falling	05:17 PM WED 12/01/11
Cooyar Ck at Cooyar Ck #	2.82m falling	05:00 PM WED 12/01/11
Brisbane R at Linville #	2.96m falling	05:18 PM WED 12/01/11
Brisbane R at Devon Hills #	3.77m falling	05:24 PM WED 12/01/11
Emu Ck at Boat Mountain #	3.36m falling	05:22 PM WED 12/01/11
Maronghi Ck at Glendale *	2.18m steady	04:00 PM WED 12/01/11
Brisbane R at Gregor Ck #	4.66m falling	05:23 PM WED 12/01/11
Cressbrook Ck at Rosentreters Br *	4.66m falling	04:00 PM WED 12/01/11

#,* from automatic station

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM614

IDQ20800

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE STANLEY RIVER AND BRISBANE RIVER ABOVE WIVENHOE DAM
Issued at 6:48 AM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding continues to ease in the Stanley River at Woodford. Minor flooding continues to ease on the upper Brisbane River between Linville and Devon Hills and at Gregor Creek. Moderate flooding is easing on Cressbrook Creek at Rosentreters.

Stream levels will continue to ease during Thursday.

Weather Forecast:

Mostly fine, a shower or two.

Next Issue:

This is the final warning. River Height Bulletins will continue to be issued.

Latest River Heights:

Stanley R at Peachester #	2.28m falling	06:28 AM THU 13/01/11
Stanley R at Woodford #	5.44m falling	06:14 AM THU 13/01/11
Kilcoy Ck d/s Mt Kilcoy Weir #	2.5m steady	06:31 AM THU 13/01/11
Stanley R at Somerset Dam HW #	104.02m falling	06:23 AM THU 13/01/11
Cooyar Ck at Cooyar Ck #	2.5m falling	06:06 AM THU 13/01/11
Brisbane R at Linville #	2.5m falling	06:27 AM THU 13/01/11
Brisbane R at Devon Hills #	3.23m falling	06:16 AM THU 13/01/11
Emu Ck at Boat Mountain #	2.92m falling	06:31 AM THU 13/01/11
Maronghi Ck at Glendale *	2.06m falling	05:00 AM THU 13/01/11
Brisbane R at Gregor Ck #	3.94m falling	06:20 AM THU 13/01/11
Cressbrook Ck at Rosentreeters Br #	4m falling	06:30 AM THU 13/01/11
Esk Ck at Falls Rd *	2.52m falling	05:30 AM THU 13/01/11
Splityard Creek Dam #	157.5m steady	06:26 AM THU 13/01/11
Brisbane R at Wivenhoe Dam HW #	74.69m falling	06:34 AM THU 13/01/11

*,# denotes automatic station.

Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

FLDWARN for Lower Brisbane and Bremer Rs

6 January 2011 to 19 January 2011

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR LOCKYER AND WARRILL CREEKS AND BREMER RIVER
Issued at 10:47 AM on Thursday the 6th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall during this morning is expected to lead to lead to fast rises in the Lockyer and Warrill creek catchments and along the Bremer River with some moderate flood levels predicted today and during Friday. Further rises are likely while rainfall continues.

LOCKYER CREEK

Rainfall of up to 50mm in the 3 hours to 10am has resulted in fast rises in the Lockyer Creek catchment. Minor flood levels are likely at Gatton and Laidley later today with moderate flood levels downstream at Rifle Range Rd early on Friday. Higher levels are likely as rainfall continues.

WARRILL CREEK

Fast rises are likely along Warrill Creek following rainfall this morning. At least minor flood levels are predicted later today at Harrisville and Amberley with further rises as rainfall continues.

BREMER RIVER

Some minor to moderate flood levels are likely along the Bremer River during today and Friday.

Next Issue:

The next warning will be issued by 2pm Thursday.

Latest River Heights:

Lockyer Ck at Helidon *	1.25m steady	08:00 AM THU 06/01/11
Lockyer Ck at Helidon #	2.24m rising	10:11 AM THU 06/01/11
Flagstone Ck at Brown-Zirbels Rd *	2.48m falling	08:00 AM THU 06/01/11
Tenthill Ck at Tenthill *	2.14m steady	08:28 AM THU 06/01/11
Lockyer Ck at Gatton *	3.44m rising	08:10 AM THU 06/01/11
Lockyer Ck at Gatton #	5.14m rising	10:13 AM THU 06/01/11
Laidley Ck at Mulgowie *	2.54m falling	08:00 AM THU 06/01/11
Laidley Ck at Showground Weir *	4.87m rising	08:20 AM THU 06/01/11
Laidley Ck at Showground Weir #	5.16m rising	10:01 AM THU 06/01/11
Bill Gunn Dam #	109.9m steady	08:14 AM THU 06/01/11
Laidley Ck at Warrego Hwy *	2.28m rising	08:00 AM THU 06/01/11
Lockyer Ck at Glenore Grove #	5.18m rising	10:14 AM THU 06/01/11
Lockyer Ck at Lyons Br #	5.45m falling	10:15 AM THU 06/01/11
Lockyer Ck at Rifle Range Rd *	5.02m falling	08:00 AM THU 06/01/11
Atkinson Dam #	65.75m steady	10:06 AM THU 06/01/11
Lockyer Ck at O'Reilly's Weir *	9.22m rising	08:00 AM THU 06/01/11
Lockyer Ck at O'Reilly's Weir #	9.14m falling	10:09 AM THU 06/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR LOCKYER AND WARRILL CREEKS AND BREMER RIVER
Issued at 2:27 PM on Thursday the 6th of January 2011
by the Bureau of Meteorology, Brisbane.

Heavy rainfall is continuing to cause fast river level rises in the Lockyer and Warrill creek catchments and along the Bremer River. Some moderate to major flood levels are predicted for later today and during Friday. Further rises are likely while rainfall continues.

LOCKYER CREEK

Rainfall of up to 60mm in the 6 hours to 2pm has resulted in fast rises along Lockyer Creek at Helidon and along Tenthill Creek. Minor, possibly moderate flood levels are likely at Gatton later today. Rises are also occurring along Laidley Creek with major flood levels at Mulgowie above the Laidley Creek Bridge. Major flood levels of above 7 metres are at forecast at Laidley this evening.

Downstream at Lyons Bridge, moderate flood levels are likely during Friday with major flood levels of 13 metres possible.

WARRILL CREEK

Fast rises are likely along Warrill Creek at Kalbar following rainfall this morning. At least minor flood levels are predicted later today at Harrisville and Amberley with further rises as rainfall continues.

BREMER RIVER

Minor flood levels are being observed at Adams Bridge. Minor to moderate flood levels are forecast downstream to Walloon over the next 24 hours.

Next Issue:

The next warning will be issued by 6pm Thursday.

Latest River Heights:

Lockyer Ck at Helidon #	4.36m falling	01:47 PM THU 06/01/11
Flagstone Ck at Brown-Zirbels Rd *	5.88m falling	12:40 PM THU 06/01/11
Tenthill Ck at Tenthill *	3.28m rising	12:20 PM THU 06/01/11
Lockyer Ck at Gatton #	6.06m falling	01:46 PM THU 06/01/11
Laidley Ck at Mulgowie *	5.57m rising	12:30 PM THU 06/01/11
Laidley Ck at Showground Weir #	5.68m rising	01:49 PM THU 06/01/11
Bill Gunn Dam #	109.94m steady	01:14 PM THU 06/01/11
Laidley Ck at Warrego Hwy *	2.52m rising	12:00 PM THU 06/01/11
Lockyer Ck at Glenore Grove #	5.68m rising	01:47 PM THU 06/01/11
Lockyer Ck at Lyons Br #	6.49m rising	01:45 PM THU 06/01/11

Lockyer Ck at Rifle Range Rd *	5.02m falling	08:00 AM THU 06/01/11
Atkinson Dam #	65.76m steady	12:48 PM THU 06/01/11
Lockyer Ck at O'Reilly's Weir *	9.07m steady	12:19 PM THU 06/01/11
Bremer R at Adams Br #	4.41m rising	01:49 PM THU 06/01/11
Bremer R at Stokes Crossing #	3.15m rising	01:48 PM THU 06/01/11
Bremer R at Spresters Br #	3.82m falling	01:37 PM THU 06/01/11
Spring Ck at Greys Plains Rd #	2.39m falling	01:47 PM THU 06/01/11
Western Ck at Grandchester #	3.38m rising	01:36 PM THU 06/01/11
Western Ck at Kuss Rd #	4m rising	01:47 PM THU 06/01/11
Western Ck at Rosewood WWTP #	3.88m rising	01:50 PM THU 06/01/11
Bremer R at Rosewood#	3.86m falling	12:31 PM THU 06/01/11
Bremer R at Walloon DERM *	3.91m rising	10:40 AM THU 06/01/11
Bremer R at Three Mile Br #	10.8m rising	01:41 PM THU 06/01/11
Reynolds Ck at Moogerah Dam *	0.35m rising	08:00 AM THU 06/01/11
Warrill Ck at Toohills Crossing *	0.3m rising	08:20 AM THU 06/01/11
Warrill Ck at Kalbar Weir HW #	76.85m rising	01:48 PM THU 06/01/11
Warrill Ck at Harrisville #	1.28m rising	01:44 PM THU 06/01/11
Warrill Ck at Churchbank Weir *	0.32m steady	06:00 AM THU 06/01/11
Warrill Ck at Greens Rd Amberley #	2.36m rising	01:44 PM THU 06/01/11
Warrill Ck at Amberley DNR *	3.42m falling	08:20 AM THU 06/01/11

*automatic station

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR LOCKYER AND WARRILL CREEKS AND BREMER RIVER

Issued at 5:25 PM on Thursday the 6th of January 2011
 by the Bureau of Meteorology, Brisbane.

Heavy rainfall is continuing to cause fast river level rises in the Lockyer and Warrill creek catchments and along the Bremer River. Some moderate to major flood levels are occurring.

LOCKYER CREEK

Heavy rainfall during Thursday has resulted in fast rises along Lockyer Creek and Tenthill Creek. Moderate flood levels are occurring at Gatton. Rises are also occurring along Laidley Creek with major flood levels at Mulgowie and Showground Weir.

Downstream at Glenore Grove, major flood levels are likely overnight and during Friday at Lyons Bridge.

WARRILL CREEK

Fast rises with moderate flooding are occurring along Warrill Creek at Kalbar following rainfall this morning. Moderate flood levels are predicted later today at Harrisville and minor flood levels predicted at Amberley.

BREMER RIVER

Minor flood levels are being observed at Adams Bridge with moderate flood levels at Kuss Road. Minor to moderate flood levels are forecast downstream to Walloon over the next 24 hours.

Next Issue:

The next warning will be issued by 10pm Thursday.

Latest River Heights:

Lockyer Ck at Helidon *	4.31m rising	02:30 PM THU 06/01/11
Tenthill Ck at Tenthill *	3.66m rising	04:00 PM THU 06/01/11
Lockyer Ck at Gatton #	13.34m rising	05:10 PM THU 06/01/11
Laidley Ck at Mulgowie *	6.2m falling	04:20 PM THU 06/01/11
Laidley Ck at Laidley	5.8m rising fast	02:25 PM THU 06/01/11
Laidley Ck at Showground Weir #	9.26m rising	05:10 PM THU 06/01/11
Bill Gunn Dam #	109.94m steady	04:15 PM THU 06/01/11
Laidley Ck at Warrego Hwy *	3.42m rising	04:00 PM THU 06/01/11
Lockyer Ck at Glenore Grove #	8.36m rising	05:11 PM THU 06/01/11
Lockyer Ck at Lyons Br #	7.35m rising	05:06 PM THU 06/01/11
Lockyer Ck at Rifle Range Rd *	6.06m rising	02:20 PM THU 06/01/11
Atkinson Dam #	65.77m steady	03:37 PM THU 06/01/11
Lockyer Ck at O'Reilly's Weir #	9m rising	04:56 PM THU 06/01/11
Bremer R at Adams Br #	3.79m falling	05:10 PM THU 06/01/11
Bremer R at Stokes Crossing #	4.45m rising	04:47 PM THU 06/01/11
Bremer R at Spresters Br #	4.07m rising	05:05 PM THU 06/01/11
Spring Ck at Greys Plains Rd #	1.69m falling	05:02 PM THU 06/01/11
Western Ck at Grandchester #	3.08m rising	04:23 PM THU 06/01/11
Western Ck at Kuss Rd #	7m rising	05:09 PM THU 06/01/11
Western Ck at Rosewood WWTP #	5.53m rising	05:08 PM THU 06/01/11
Bremer R at Rosewood#	4.11m rising	05:01 PM THU 06/01/11
Bremer R at Rosewood #	4.14m rising	05:05 PM THU 06/01/11
Bremer R at Five Mile Br Walloon #	3.36m steady	04:26 PM THU 06/01/11
Bremer R at Walloon DERM *	4.32m steady	04:00 PM THU 06/01/11
Bremer R at Three Mile Br #	11.6m rising	05:10 PM THU 06/01/11
Reynolds Ck at Moogerah Dam *	0.35m rising	08:00 AM THU 06/01/11
Warrill Ck at Toohills Crossing *	0.3m rising	08:20 AM THU 06/01/11
Warrill Ck at Kalbar Weir HW #	77.07m falling	05:09 PM THU 06/01/11
Warrill Ck at Kalbar Weir TW *	0.76m steady	07:05 AM THU 06/01/11
Warrill Ck at Kalbar	7.5m rising	03:00 PM THU 06/01/11
Warrill Ck at Harrisville #	3.06m rising	05:08 PM THU 06/01/11
Warrill Ck at Churchbank Weir #	0.62m rising	05:11 PM THU 06/01/11
Warrill Ck at Greens Rd Amberley #	2.42m falling	05:08 PM THU 06/01/11
Warrill Ck at Amberley DNR *	3.1m steady	02:10 PM THU 06/01/11

*automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR LOCKYER AND WARRILL CREEKS AND BREMER RIVER

Issued at 9:32 PM on Thursday the 6th of January 2011

by the Bureau of Meteorology, Brisbane.

Rainfall has eased during Thursday evening with totals of less than 5mm recorded in the 3 hours to 9:30pm. Moderate and major flooding continues in Lockyer and Laidley Creeks and in the Bremer River, with minor to moderate flooding occurring in Warrill Creek.

LOCKYER CREEK

Minor to moderate flooding has peaked in Lockyer Creek between Helidon and Showground Weir, with moderate flood levels currently easing at Gatton. Major flood levels continue to rise in Laidley Creek at Laidley.

Moderate flooding continues to rise in Lockyer Creek at Glenore Grove, with moderate flood levels also expected overnight downstream at Lyons Bridge.

WARRILL CREEK

Stream levels have either peaked or are nearing a peak along Warrill Creek. Minor to moderate flooding is occurring between Kalbar and Churchbank Weir during Thursday evening, with minor flooding expected overnight at Amberley.

BREMER RIVER

River levels have either peaked or are nearing a peak along the Bremer River. Minor to major flooding is occurring between Kuss Road and Rosewood.

Next Issue:

The next warning will be issued by 7am Friday.

Latest River Heights:

Lockyer Ck at Helidon #	2.56m falling	09:02 PM THU 06/01/11
Tenthill Ck at Tenthill *	3.17m falling	08:00 PM THU 06/01/11
Lockyer Ck at Gatton #	13.3m falling	08:58 PM THU 06/01/11
Laidley Ck at Mulgowie *	4.5m falling	07:30 PM THU 06/01/11
Laidley Ck at Laidley	8.1m falling slowly	06:30 PM THU 06/01/11
Laidley Ck at Showground Weir #	7.44m falling	09:01 PM THU 06/01/11
Laidley Ck at Warrego Hwy *	4.4m rising	07:30 PM THU 06/01/11
Lockyer Ck at Glenore Grove #	11.16m rising	08:59 PM THU 06/01/11
Lockyer Ck at Lyons Br #	9.59m rising	09:00 PM THU 06/01/11
Lockyer Ck at Rifle Range Rd *	8.24m rising	08:40 PM THU 06/01/11
Lockyer Ck at O'Reilly's Weir #	9.54m rising	09:01 PM THU 06/01/11
Brisbane R at Savages Crossing #	3.35m rising	08:54 PM THU 06/01/11
Brisbane R at Burtons Br #	1.98m rising	08:29 PM THU 06/01/11
Brisbane R at Mt Crosby #	7.7m steady	08:58 PM THU 06/01/11
Brisbane R at Colleges Crossing #	2.76m rising	08:52 PM THU 06/01/11
Bremer R at Adams Br #	2.69m falling	08:58 PM THU 06/01/11
Bremer R at Stokes Crossing #	3.7m falling	09:02 PM THU 06/01/11
Bremer R at Spresters Br #	5.42m rising	09:02 PM THU 06/01/11
Spring Ck at Greys Plains Rd #	1.19m falling	08:45 PM THU 06/01/11
Western Ck at Grandchester #	1.83m falling	08:59 PM THU 06/01/11
Western Ck at Kuss Rd #	6.98m falling	08:28 PM THU 06/01/11
Western Ck at Rosewood WWTP #	6.53m rising	08:53 PM THU 06/01/11
Bremer R at Rosewood #	5.1m rising	08:59 PM THU 06/01/11
Bremer R at Five Mile Br Walloon #	3.66m rising	08:57 PM THU 06/01/11
Bremer R at Walloon DERM *	4.3m steady	08:00 PM THU 06/01/11
Bremer R at Three Mile Br #	11.65m rising	08:55 PM THU 06/01/11
Warrill Ck at Kalbar Weir TW *	5.75m rising	08:40 PM THU 06/01/11
Warrill Ck at Kalbar	7.6m falling	06:00 PM THU 06/01/11
Warrill Ck at Harrisville#	3.8m rising	08:59 PM THU 06/01/11
Warrill Ck at Churchbank Weir #	1.01m rising	08:43 PM THU 06/01/11

Warrill Ck at Greens Rd Amberley #	3.5m rising	09:02 PM THU 06/01/11
Warrill Ck at Amberley DNR *	3.94m rising	08:40 PM THU 06/01/11
Purga Ck at Peak Crossing #	0.71m steady	08:08 PM THU 06/01/11
Purga Ck at Loamside *	1.5m rising	08:30 PM THU 06/01/11
Bremer R at Berry's Lagoon *	15.91m rising	07:45 PM THU 06/01/11
Bremer R at One Mile Br #	6.55m falling	08:09 PM THU 06/01/11
Bremer R at Hancocks Br Brassall #	2.93m steady	07:11 PM THU 06/01/11
Bremer R at Ipswich #	0.45m steady	08:26 PM THU 06/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR LOCKYER AND WARRILL CREEKS AND BREMER RIVER

Issued at 7:14 AM on Friday the 7th of January 2011
by the Bureau of Meteorology, Brisbane.

40 - 70 mm of rainfall fell over the catchment since 9am Thursday which caused fast rises and minor to moderate flooding with some isolated major flooding in the Bremer River and Lockyer and Laidley Creeks. Rainfall has eased over the area in the past 6 hours and river levels are generally falling.

Further rainfall is expected over the catchment during Friday which could cause renewed river level rises.

LOCKYER CREEK

Minor to moderate flooding is easing on Lockyer Creek between Gatton and Lyons Bridge.

WARRILL CREEK

Minor flooding continues between Harrisville and Amberley.

BREMER RIVER

Moderate to major flooding is easing between Spicers Bridge and Rosewood. Moderate flooding continues between Walloon and Three Mile Bridge.

Weather Forecast:
Rain areas.

Next Issue:
The next warning will be issued by 4pm Friday.

Latest River Heights:

Lockyer Ck at Helidon *	2.65m falling	08:40 PM THU 06/01/11
Lockyer Ck at Helidon #	1.78m falling	04:38 AM FRI 07/01/11
Tenthill Ck at Tenthill *	2.56m falling	05:00 AM FRI 07/01/11

Lockyer Ck at Gatton *	9.09m falling	08:40 PM THU 06/01/11
Lockyer Ck at Gatton #	7.08m steady	06:10 AM FRI 07/01/11
Laidley Ck at Mulgowie *	2.82m falling	04:00 AM FRI 07/01/11
Laidley Ck at Laidley	8.1m falling slowly	06:30 PM THU 06/01/11
Laidley Ck at Showground Weir *	7.69m falling	08:40 PM THU 06/01/11
Laidley Ck at Showground Weir #	5.28m steady	05:53 AM FRI 07/01/11
Laidley Ck at Warrego Hwy *	5.16m falling	05:00 AM FRI 07/01/11
Lockyer Ck at Glenore Grove #	9.44m falling	06:25 AM FRI 07/01/11
Lockyer Ck at Lyons Br #	12.83m falling	06:15 AM FRI 07/01/11
Lockyer Ck at Rifle Range Rd *	8.24m rising	08:40 PM THU 06/01/11
Lockyer Ck at O'Reilly's Weir *	10.49m rising	05:00 AM FRI 07/01/11
Lockyer Ck at O'Reilly's Weir #	10.52m rising	05:55 AM FRI 07/01/11
Brisbane R at Savages Crossing *	3.34m rising	08:40 PM THU 06/01/11
Brisbane R at Savages Crossing #	4.59m rising	06:21 AM FRI 07/01/11
Brisbane R at Burtons Br #	2.66m rising	06:20 AM FRI 07/01/11
Brisbane R at Mt Crosby #	7.87m steady	06:19 AM FRI 07/01/11
Brisbane R at Mt Crosby #	7.86m rising	05:51 AM FRI 07/01/11
Brisbane R at Colleges Crossing #	3.26m steady	04:34 AM FRI 07/01/11
Bremer R at Adams Br *	1.88m steady	05:20 AM FRI 07/01/11
Bremer R at Adams Br #	1.87m falling	06:25 AM FRI 07/01/11
Bremer R at Stokes Crossing #	2.25m falling	06:11 AM FRI 07/01/11
Bremer R at Spresters Br #	5.22m falling	06:10 AM FRI 07/01/11
Spring Ck at Greys Plains Rd #	0.99m steady	03:49 AM FRI 07/01/11
Western Ck at Grandchester #	0.98m falling	05:41 AM FRI 07/01/11
Western Ck at Kuss Rd #	4.18m falling	06:24 AM FRI 07/01/11
Western Ck at Rosewood WWTP #	5.43m falling	06:14 AM FRI 07/01/11
Bremer R at Rosewood	3.8m rising fast	03:00 PM THU 06/01/11
Bremer R at Rosewood#	5.01m falling	06:17 AM FRI 07/01/11
Bremer R at Rosewood #	5.02m falling	06:23 AM FRI 07/01/11
Bremer R at Five Mile Br Walloon #	5.76m falling	06:24 AM FRI 07/01/11
Bremer R at Walloon DERM *	6.78m rising	05:00 AM FRI 07/01/11
Bremer R at Three Mile Br #	16.05m steady	05:11 AM FRI 07/01/11
Warrill Ck at Toohills Crossing *	0.81m falling	08:40 PM THU 06/01/11
Warrill Ck at Kalbar Weir TW *	5.75m rising	08:40 PM THU 06/01/11
Warrill Ck at Kalbar	7.6m falling	06:00 PM THU 06/01/11
Warrill Ck at Harrisville #	4m falling	05:11 AM FRI 07/01/11
Warrill Ck at Harrisville#	3.9m steady	05:18 AM FRI 07/01/11
Warrill Ck at Churchbank Weir *	0.96m rising	08:30 PM THU 06/01/11
Warrill Ck at Churchbank Weir #	1.91m rising	06:22 AM FRI 07/01/11
Warrill Ck at Greens Rd Amberley #	4.62m falling	06:20 AM FRI 07/01/11
Warrill Ck at Amberley DNR *	3.94m rising	08:40 PM THU 06/01/11
Purga Ck at Peak Crossing #	0.81m rising	05:19 AM FRI 07/01/11
Purga Ck at Loamside #	1.61m steady	05:49 AM FRI 07/01/11
Purga Ck at Loamside *	1.5m rising	08:30 PM THU 06/01/11
Bremer R at Berry's Lagoon *	15.91m rising	07:45 PM THU 06/01/11
Bremer R at One Mile Br #	10.5m rising	06:22 AM FRI 07/01/11
Bremer R at Hancocks Br Brassall #	5.53m rising	06:22 AM FRI 07/01/11
Bremer R at Ipswich #	2.25m rising	06:19 AM FRI 07/01/11

*, # denote automatic

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<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR LOCKYER AND WARRILL CREEKS AND BREMER RIVER
Issued at 4:24 PM on Friday the 7th of January 2011
by the Bureau of Meteorology, Brisbane.

Some small renewed rises and minor to moderate flooding is occurring along Lockyer and Warrill Creeks. River rises are also occurring in the Bremer River where minor flooding continues. The rainfall has continued to ease during Friday afternoon, which is expected to result in stream levels to commence to ease during this evening and overnight Friday.

The rainfall has continued to ease during Friday afternoon, with less than 7mm recorded during the previous 3 hours to 4pm. Further small rises are occurring along the upper reaches of the Lockyer and Warrill Creeks and in the Bremer River during Friday afternoon.

LOCKYER CREEK:

Minor to moderate flooding continues on Lockyer Creek between the Warrego Highway and Rifle Range Road.

WARRILL CREEK:

Minor to moderate flooding continues between Kalbar and Amberley.

BREMER RIVER:

Minor flooding continues between Spressers Bridge and Three Mile Bridge.

Weather Forecast:

Rain periods with moderate falls possible and local thunder at times.

Next Issue:

The next warning will be issued at about 9am Saturday, or earlier if heavy rainfall returns to the catchment.

Latest River Heights:

Lockyer Ck at Helidon #	3.3m rising	03:50 PM FRI 07/01/11
Tenthill Ck at Tenthill *	2.49m falling	02:00 PM FRI 07/01/11
Lockyer Ck at Gatton #	6.94m falling	03:49 PM FRI 07/01/11
Laidley Ck at Mulgowie *	2.95m rising	02:30 PM FRI 07/01/11
Laidley Ck at Laidley	8.1m falling slowly	06:30 PM THU 06/01/11
Laidley Ck at Showground Weir #	5.22m rising	03:40 PM FRI 07/01/11
Laidley Ck at Warrego Hwy *	4.71m falling	02:00 PM FRI 07/01/11
Lockyer Ck at Glenore Grove #	7.88m rising	03:47 PM FRI 07/01/11
Lockyer Ck at Lyons Br #	11.97m falling	03:42 PM FRI 07/01/11
Lockyer Ck at Rifle Range Rd *	12.38m steady	08:00 AM FRI 07/01/11
Lockyer Ck at O'Reilly's Weir #	10.56m falling	03:53 PM FRI 07/01/11
Brisbane R at Lowood Pump Stn #	5.43m rising	03:31 PM FRI 07/01/11
Brisbane R at Savages Crossing #	5.65m falling	03:49 PM FRI 07/01/11
Brisbane R at Burtons Br #	3.88m rising	03:53 PM FRI 07/01/11
Brisbane R at Kholo Br #	-1.97m rising	03:44 PM FRI 07/01/11
Brisbane R at Mt Crosby #	8.34m rising	03:27 PM FRI 07/01/11
Brisbane R at Colleges Crossing #	4.71m rising	03:27 PM FRI 07/01/11
Bremer R at Adams Br #	2.43m falling	03:52 PM FRI 07/01/11
Bremer R at Stokes Crossing #	2.3m rising	03:45 PM FRI 07/01/11
Bremer R at Spressers Br #	4.32m falling	02:53 PM FRI 07/01/11
Spring Ck at Greys Plains Rd #	1.39m falling	03:37 PM FRI 07/01/11
Western Ck at Grandchester #	2.43m falling	03:54 PM FRI 07/01/11

Western Ck at Kuss Rd #	4.6m rising	03:53 PM FRI 07/01/11
Western Ck at Rosewood WWTP #	4.88m rising	03:53 PM FRI 07/01/11
Bremer R at Rosewood #	4.32m steady	02:27 PM FRI 07/01/11
Bremer R at Five Mile Br Walloon #	4.16m falling	03:45 PM FRI 07/01/11
Bremer R at Walloon DERM *	5.77m falling	02:00 PM FRI 07/01/11
Bremer R at Three Mile Br #	14.3m steady	03:26 PM FRI 07/01/11
Warrill Ck at Toohills Crossing *	1.21m rising	08:20 AM FRI 07/01/11
Warrill Ck at Harrisville #	4.32m rising	03:32 PM FRI 07/01/11
Warrill Ck at Churchbank Weir #	1.97m rising	03:38 PM FRI 07/01/11
Warrill Ck at Greens Rd Amberley #	4.92m falling	03:47 PM FRI 07/01/11
Warrill Ck at Amberley DNR *	5.52m steady	08:20 AM FRI 07/01/11
Purga Ck at Peak Crossing #	1.51m rising	03:55 PM FRI 07/01/11
Purga Ck at Loamside #	2.37m steady	03:49 PM FRI 07/01/11
Bremer R at One Mile Br #	10.8m falling	03:43 PM FRI 07/01/11
Bremer R at Hancocks Br Brassall #	7.23m falling	03:42 PM FRI 07/01/11
Bremer R at Ipswich #	4.2m falling	03:46 PM FRI 07/01/11
Brisbane R at Moggill #	2.07m falling	03:42 PM FRI 07/01/11
Brisbane R at City Gauge *	0.62m rising	08:20 AM FRI 07/01/11
Moreton Bay at Whyte Island #	0.07m falling	03:51 PM FRI 07/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR LOCKYER AND WARRILL CREEKS AND BREMER RIVER
 Issued at 9:05 AM on Saturday the 8th of January 2011
 by the Bureau of Meteorology, Brisbane.

Minor to moderate flood levels are generally falling along Lockyer and Warrill
 Creeks and the Bremer River.

LOCKYER CREEK:

Minor to moderate flooding continues along Lockyer Creek between the Warrego
 Highway and Rifle Range Road. A moderate flood peak is expected this morning at
 Lyons Bridge of just over 12 metres.

WARRILL CREEK:

Minor to moderate flooding is falling between Harrisville and Amberley.

BREMER RIVER:

Minor flooding continues between Spressers Bridge and Walloon.

Weather Forecast:

Rain periods with moderate falls possible and local thunder at times.

Next Issue:

The next warning will be issued at about 9am Sunday, or earlier if heavy rainfall returns to the catchment.

Latest River Heights:

Lockyer Ck at Gatton *	4.83m falling	08:20 AM SAT 08/01/11
Laidley Ck at Mulgowie *	2.36m falling	07:00 AM SAT 08/01/11
Laidley Ck at Showground Weir #	5.12m steady	08:53 AM SAT 08/01/11
Laidley Ck at Warrego Hwy *	4.63m falling	08:00 AM SAT 08/01/11
Lockyer Ck at Glenore Grove #	8.2m falling	08:49 AM SAT 08/01/11
Lockyer Ck at Lyons Br #	12.09m falling	08:30 AM SAT 08/01/11
Lockyer Ck at Rifle Range Rd *	11.79m steady	08:00 AM SAT 08/01/11
Lockyer Ck at O'Reilly's Weir #	10.94m rising	08:34 AM SAT 08/01/11
Bremer R at Adams Br #	1.61m falling	08:52 AM SAT 08/01/11
Bremer R at Stokes Crossing #	1.8m falling	08:37 AM SAT 08/01/11
Bremer R at Spresters Br #	4.27m falling	08:23 AM SAT 08/01/11
Spring Ck at Greys Plains Rd #	0.89m steady	06:49 AM SAT 08/01/11
Western Ck at Grandchester #	0.78m falling	07:43 AM SAT 08/01/11
Western Ck at Kuss Rd #	3.28m falling	08:51 AM SAT 08/01/11
Western Ck at Rosewood WWTP #	3.98m falling	08:41 AM SAT 08/01/11
Bremer R at Rosewood #	4.2m falling	08:41 AM SAT 08/01/11
Bremer R at Five Mile Br Walloon #	4.02m falling	08:33 AM SAT 08/01/11
Bremer R at Walloon DERM *	5.17m falling	08:00 AM SAT 08/01/11
Bremer R at Three Mile Br #	13.85m falling	08:41 AM SAT 08/01/11
Warrill Ck at Toohills Crossing *	0.01m rising	08:10 AM SAT 08/01/11
Warrill Ck at Harrisville #	4.1m falling	08:47 AM SAT 08/01/11
Warrill Ck at Churchbank Weir #	2.07m steady	07:29 AM SAT 08/01/11
Warrill Ck at Greens Rd Amberley #	5.18m rising	08:50 AM SAT 08/01/11
Warrill Ck at Amberley DNR *	5.99m falling	08:00 AM SAT 08/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR WARRILL CREEK THE LOWER BRISBANE BELOW WIVENHOE
Issued at 9:13 AM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flood levels are falling at Amberley along Warrill Creek.

SEQ Water advises releases from Wivenhoe Dam will continue through Sunday. Minor flooding will continue downstream along the Brisbane River to Mt Crosby today and tomorrow.

Weather Forecast:
Rain periods with moderate falls possible.

Next Issue:

The next warning will be issued at about 9am Monday or earlier if needed.

Latest River Heights:

Brisbane R at Savages Crossing *	10.34m falling	08:10 AM SUN 09/01/11
Brisbane R at Savages Crossing #	10.31m falling	09:03 AM SUN 09/01/11
Brisbane R at Burtons Br #	7.76m falling	08:59 AM SUN 09/01/11
Cabbage Tree Ck at L Manchester #	51.19m steady	07:55 AM SUN 09/01/11
Brisbane R at Kholo Br #	2.61m falling	08:59 AM SUN 09/01/11
Brisbane R at Mt Crosby #	11.21m steady	08:55 AM SUN 09/01/11
Brisbane R at Mt Crosby #	11.14m falling	09:06 AM SUN 09/01/11
Brisbane R at Colleges Crossing #	8.91m steady	09:07 AM SUN 09/01/11
Warrill Ck at Amberley DNR *	5.07m falling	08:20 AM SUN 09/01/11

*automatic station

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOWER BRISBANE BELOW WIVENHOE
Issued at 10:55 PM on Sunday the 9th of January 2011
by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek upstream of Gatton and in the Bremer River in the Rosewood area. Further rainfall is forecast for the region during Monday which may produce higher levels.

LOCKYER CREEK:

Lockyer Creek levels in the Helidon area have peaked at about 7 metres with further rises and moderate to major flooding expected downstream to the O'Reilly's area during Monday.

BREMER RIVER:

River level rises and moderate to major flooding continue in the Rosewood area. Further rises are expected downstream during the next 24 hours with at least minor flood levels expected in the Bremer River at Ipswich during Monday night.

MIDDLE AND LOWER BRISBANE:

SEQ Water advises releases from Wivenhoe Dam will continue. Minor flooding will continue along the middle Brisbane River at Savages and Mt Crosby with moderate flood levels expected at Mt Crosby overnight Monday.

Next Issue:

The next warning will be issued at about 9am Monday.

Latest River Heights:

Lockyer Ck at Helidon #	6.68m falling	10:08 PM SUN 09/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.65m rising	08:40 PM SUN 09/01/11
Sandy Creek at Sandy Creek Road #	4.25m falling	10:03 PM SUN 09/01/11
Ma Ma Ck at Harm's *	1.92m steady	08:00 AM SUN 09/01/11
Tenthill Ck at Tenthill *	2.45m steady	08:33 PM SUN 09/01/11
Lockyer Ck at Gatton #	9.62m falling	09:58 PM SUN 09/01/11
Laidley Ck at Mulgowie *	3.33m rising	08:00 PM SUN 09/01/11
Laidley Ck at Laidley	3.95m falling slowly	08:00 PM SUN 09/01/11
Laidley Ck at Showground Weir #	5.6m falling	08:55 PM SUN 09/01/11
Bill Gunn Dam #	110.06m steady	09:44 PM SUN 09/01/11
Laidley Ck at Warrego Hwy *	4.36m rising	08:00 PM SUN 09/01/11
Lockyer Ck at Glenore Grove #	8.8m rising	10:09 PM SUN 09/01/11
Lockyer Ck at Lyons Br #	10.03m rising	10:08 PM SUN 09/01/11
Lockyer Ck at Rifle Range Rd *	9.47m rising	08:40 PM SUN 09/01/11
Atkinson Dam #	65.76m steady	09:52 PM SUN 09/01/11
Lockyer Ck at O'Reilly's Weir #	12m rising	10:05 PM SUN 09/01/11
Brisbane R at Lowood Pump Stn #	10.87m falling	10:07 PM SUN 09/01/11
Brisbane R at Savages Crossing #	11.47m rising	10:09 PM SUN 09/01/11
Brisbane R at Burtons Br #	8.78m rising	10:08 PM SUN 09/01/11
Cabbage Tree Ck at L Manchester #	51.97m rising	10:10 PM SUN 09/01/11
Brisbane R at Kholo Br #	3.61m rising	10:10 PM SUN 09/01/11
Brisbane R at Mt Crosby #	11.9m rising	10:09 PM SUN 09/01/11
Brisbane R at Colleges Crossing #	9.71m rising	10:11 PM SUN 09/01/11
Bremer R at Adams Br #	2.15m falling	10:03 PM SUN 09/01/11
Bremer R at Stokes Crossing #	2.65m rising	09:53 PM SUN 09/01/11
Bremer R at Spresters Br #	4.87m rising	09:56 PM SUN 09/01/11
Spring Ck at Greys Plains Rd #	1.14m steady	09:48 PM SUN 09/01/11
Western Ck at Grandchester #	3.38m rising	10:07 PM SUN 09/01/11
Western Ck at Rosewood WWTP #	6.43m rising	08:45 PM SUN 09/01/11
Bremer R at Rosewood #	5.02m rising	10:05 PM SUN 09/01/11
Bremer R at Five Mile Br Walloon #	4m rising	10:09 PM SUN 09/01/11
Bremer R at Walloon DERM *	4.54m rising	08:00 PM SUN 09/01/11
Reynolds Ck at Moogerah Dam #	155.5m steady	09:01 PM SUN 09/01/11
Warrill Ck at Kalbar Weir HW #	75.75m steady	09:59 PM SUN 09/01/11
Warrill Ck at Kalbar Weir TW *	5.25m falling	08:40 PM SUN 09/01/11
Warrill Ck at Harrisville#	2.45m rising	10:08 PM SUN 09/01/11
Warrill Ck at Churchbank Weir #	0.76m steady	07:29 PM SUN 09/01/11
Warrill Ck at Greens Rd Amberley #	4.52m rising	10:05 PM SUN 09/01/11
Warrill Ck at Amberley DNR *	5.43m rising	08:40 PM SUN 09/01/11
Purga Ck at Peak Crossing #	1.16m rising	08:08 PM SUN 09/01/11
Purga Ck at Loamside *	4.19m falling	08:40 PM SUN 09/01/11
Bremer R at Berry's Lagoon *	17.66m rising	08:30 PM SUN 09/01/11
Bremer R at One Mile Br #	8.9m rising	10:11 PM SUN 09/01/11
Bremer R at Hancock Br Brassall #	5.98m steady	10:11 PM SUN 09/01/11
Bremer R at Ipswich #	3.95m rising	09:58 PM SUN 09/01/11
Brisbane R at Moggill #	3.57m rising	09:46 PM SUN 09/01/11
Brisbane R at City Gauge #	0.1m steady	08:12 PM SUN 09/01/11
Moreton Bay at Whyte Island #	0.45m rising	10:07 PM SUN 09/01/11

*,# from automatic station

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TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOWER BRISBANE BELOW WIVENHOE
Issued at 12:36 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek upstream of Gatton and in the Bremer River in the Rosewood area. Further heavy rainfall is forecast for the catchments of the Bremer River and Warrill and Lockyer Creeks during Monday.

LOCKYER CREEK:

Moderate to major flood levels have developed in Lockyer Creek upstream of Gatton. Levels in the Helidon area have peaked at about 7 metres and rises continue at Gatton. Rises to major flood levels are expected during Monday at Glenore Grove and Lyons Bridge.

BREMER RIVER:

River level rises and moderate to major flooding continue in the Rosewood area. Further rises are expected downstream during the next 24 hours with at least minor flood levels expected in the Bremer River at Ipswich during Monday night and continuing into Tuesday.

MIDDLE AND LOWER BRISBANE:

SEQ Water advises releases from Wivenhoe Dam will continue. Minor flooding will continue along the middle Brisbane River at Savages and Mt Crosby during Monday with moderate flood levels expected overnight Monday.

Higher than predicted tides are expected to continue in the Lower Brisbane area during Monday. Minor flood levels are possible on the high tide at the Brisbane City (Port Office) gauge during Tuesday and Wednesday.

Next Issue:

The next warning will be issued at about 9.30am Monday.

Latest River Heights:

Lockyer Ck at Helidon #	6.5m rising	11:47 PM SUN 09/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.65m rising	08:40 PM SUN 09/01/11
Sandy Creek at Sandy Creek Road #	4.2m rising	11:39 PM SUN 09/01/11
Lockyer Ck at Gatton #	12.98m steady	11:46 PM SUN 09/01/11
Laidley Ck at Mulgowie *	3.45m rising	10:00 PM SUN 09/01/11
Laidley Ck at Laidley	3.95m falling slowly	08:00 PM SUN 09/01/11
Laidley Ck at Showground Weir *	5.62m falling	08:30 PM SUN 09/01/11
Laidley Ck at Showground Weir #	5.72m rising	11:37 PM SUN 09/01/11
Laidley Ck at Warrego Hwy *	4.75m rising	10:00 PM SUN 09/01/11
Lockyer Ck at Glenore Grove #	9.98m rising	11:48 PM SUN 09/01/11
Lockyer Ck at Lyons Br #	10.73m rising	11:47 PM SUN 09/01/11
Lockyer Ck at Rifle Range Rd *	9.47m rising	08:40 PM SUN 09/01/11
Lockyer Ck at O'Reilly's Weir #	12.34m rising	11:45 PM SUN 09/01/11
Brisbane R at Lowood Pump Stn #	11.19m falling	11:46 PM SUN 09/01/11
Brisbane R at Savages Crossing #	11.73m rising	11:48 PM SUN 09/01/11
Brisbane R at Burtons Br #	9.06m rising	11:32 PM SUN 09/01/11
Brisbane R at Kholo Br #	3.91m rising	11:44 PM SUN 09/01/11
Brisbane R at Mt Crosby #	12.24m steady	11:49 PM SUN 09/01/11
Brisbane R at Colleges Crossing #	9.91m rising	11:46 PM SUN 09/01/11
Bremer R at Spresters Br #	4.97m rising	11:08 PM SUN 09/01/11

Western Ck at Grandchester #	4.23m rising	11:45 PM SUN 09/01/11
Western Ck at Rosewood WWTP #	6.63m rising	11:49 PM SUN 09/01/11
Bremer R at Rosewood #	5.14m rising	11:41 PM SUN 09/01/11
Bremer R at Five Mile Br Walloon #	4.66m rising	11:48 PM SUN 09/01/11
Bremer R at Walloon DERM *	5.04m rising	10:30 PM SUN 09/01/11
Reynolds Ck at Moogerah Dam #	155.48m falling	11:34 PM SUN 09/01/11
Warrill Ck at Harrisville #	2.74m rising	11:44 PM SUN 09/01/11
Warrill Ck at Harrisville#	2.65m rising	11:32 PM SUN 09/01/11
Warrill Ck at Greens Rd Amberley #	4.4m falling	11:47 PM SUN 09/01/11
Warrill Ck at Amberley DNR *	5.43m rising	08:40 PM SUN 09/01/11
Bremer R at Berry's Lagoon *	17.66m rising	08:30 PM SUN 09/01/11
Bremer R at One Mile Br #	9.25m rising	11:33 PM SUN 09/01/11
Bremer R at Hancocks Br Brassall #	6.23m rising	11:33 PM SUN 09/01/11
Bremer R at Ipswich #	4.1m rising	11:34 PM SUN 09/01/11
Brisbane R at Moggill #	3.72m rising	11:44 PM SUN 09/01/11
Brisbane R at City Gauge #	0.9m rising	11:12 PM SUN 09/01/11

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
Issued at 10:28 AM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek and along the Bremer River. Moderate flood levels are likely at Ipswich. Further heavy rainfall is forecast for the catchments of the Brisbane and Bremer Rivers and Warrill and Lockyer Creeks during Monday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday. At the Brisbane City Gauge, river levels of about 2.3 metres are expected with the high tides on Tuesday and Wednesday causing minor flooding.

LOCKYER CREEK:

A major flood peak is currently around Glenore Grove of around 13 metres. Rises to around 14.5 metres are expected at Lyons Bridge later today and around 15 metres at Rifle Range Road. Higher levels are possible as rainfall continues.

BREMER RIVER:

River level rises and moderate flooding continue in the Rosewood area. Further rises are expected downstream during the next 24 hours with moderate flood levels of at least 10 metres expected in the Bremer River at Ipswich early on Tuesday.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Minor flooding is expected at Savages and moderate flooding at Mt Crosby overnight tonight.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.3 metres with the high tides on Tuesday and Wednesday. Further rises are possible as rainfall continues.

Predicted River Heights/Flows:

Ipswich: Reach at least 9.5 metres (moderate) during the early hours of Tuesday.

Moggill: Reach around 8 metres (below minor) on Tuesday morning.

Jindalee: Reach at least 5 metres (below minor) during Tuesday.

Brisbane: Reach about 2.3 metres (minor) with the high tides on Tuesday and Wednesday.

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 3:30pm Monday.

Latest River Heights:

Lockyer Ck at Gatton *	9.49m falling	08:20 AM MON 10/01/11
Laidley Ck at Laidley	3.85m steady	08:55 AM MON 10/01/11
Laidley Ck at Showground Weir *	5.3m falling	08:10 AM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.7m steady	08:00 AM MON 10/01/11
Lockyer Ck at Glenore Grove #	12.86m falling	09:18 AM MON 10/01/11
Lockyer Ck at Lyons Br #	14.07m rising	09:17 AM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	13.4m rising	08:20 AM MON 10/01/11
Brisbane R at Lowood Pump Stn #	13.21m rising	09:13 AM MON 10/01/11
Brisbane R at Savages Crossing #	12.95m rising	09:18 AM MON 10/01/11
Brisbane R at Burtons Br #	9.92m rising	09:11 AM MON 10/01/11
Brisbane R at Kholo Br #	5.19m rising	09:12 AM MON 10/01/11
Brisbane R at Mt Crosby #	13.43m rising	09:16 AM MON 10/01/11
Brisbane R at Colleges Crossing #	11.11m rising	09:20 AM MON 10/01/11
Bremer R at Adams Br *	1.93m rising	08:30 AM MON 10/01/11
Bremer R at Stokes Crossing #	2.3m rising	09:01 AM MON 10/01/11
Bremer R at Spresters Br #	5.02m falling	09:03 AM MON 10/01/11
Western Ck at Rosewood WWTP #	6.38m falling	07:09 AM MON 10/01/11
Bremer R at Rosewood #	5.06m falling	09:08 AM MON 10/01/11
Bremer R at Five Mile Br Walloon #	5.42m rising	08:24 AM MON 10/01/11
Bremer R at Walloon DERM *	6.49m rising	08:00 AM MON 10/01/11
Warrill Ck at Harrisville#	2.65m steady	08:17 AM MON 10/01/11
Warrill Ck at Amberley DNR *	5.34m rising	08:10 AM MON 10/01/11
Bremer R at Ipswich #	5.7m rising	09:08 AM MON 10/01/11
Brisbane R at Moggill #	4.72m rising	09:14 AM MON 10/01/11
Brisbane R at Jindalee Br #	2.8m rising	09:17 AM MON 10/01/11
Brisbane R at City Gauge #	0.65m rising	09:09 AM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 4:16 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to renewed rises in the Lockyer Creek catchment. Rainfall is forecast to continue this evening and a return to moderate to major flood levels is expected overnight and during Tuesday. Major flood levels are expected to continue at Lyons Bridge with rises above 15 metres likely during Tuesday.

BREMER RIVER:

Rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley overnight.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.

Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 9pm Monday.

Latest River Heights:

Lockyer Ck at Gatton #	10.36m steady	03:04 PM MON 10/01/11
Laidley Ck at Laidley	6m rising	02:45 PM MON 10/01/11
Laidley Ck at Showground Weir #	6.98m rising	03:07 PM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.43m falling	01:00 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	11.36m falling	03:05 PM MON 10/01/11
Lockyer Ck at Lyons Br #	14.79m rising	03:02 PM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	13.4m rising	08:20 AM MON 10/01/11
Brisbane R at Lowood Pump Stn #	14.13m falling	03:07 PM MON 10/01/11
Brisbane R at Savages Crossing #	14.15m rising	03:09 PM MON 10/01/11
Brisbane R at Burtons Br #	10.88m rising	03:05 PM MON 10/01/11
Brisbane R at Kholo Br #	6.23m rising	03:06 PM MON 10/01/11
Brisbane R at Mt Crosby #	14.26m rising	03:07 PM MON 10/01/11
Brisbane R at Colleges Crossing #	11.96m rising	03:09 PM MON 10/01/11
Bremer R at Spresters Br #	5.07m rising	03:09 PM MON 10/01/11
Bremer R at Rosewood #	4.94m rising	03:02 PM MON 10/01/11
Bremer R at Five Mile Br Walloon #	5.12m falling	03:09 PM MON 10/01/11
Warrill Ck at Harrisville #	3.82m rising	03:05 PM MON 10/01/11
Warrill Ck at Amberley DNR *	5.34m rising	08:10 AM MON 10/01/11
Bremer R at Ipswich #	6.6m rising	02:40 PM MON 10/01/11
Brisbane R at Moggill #	5.52m rising	02:59 PM MON 10/01/11
Brisbane R at Jindalee Br #	3.7m rising	02:50 PM MON 10/01/11
Brisbane R at City Gauge #	1.36m falling	03:09 PM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 6:12 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

LOCKYER CREEK: Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Laidley Creek at Mulgowie. These will extend to Gatton and areas downstream during the evening and overnight. Severe record major flooding is expected in areas downstream of Gatton overnight and during Tuesday.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Laidley Creek at Mulgowie. These will extend to Gatton and areas downstream during the evening and overnight. High level record major flooding is expected in areas downstream of Gatton overnight and during Tuesday.

BREMER RIVER:

Rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley overnight.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on

Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.

Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 9pm Monday.

Latest River Heights:

Lockyer Ck at Helidon *	12.66m rising	02:50 PM MON 10/01/11
Lockyer Ck at Helidon #	12.68m steady	03:02 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	3.27m falling	08:20 AM MON 10/01/11
Sandy Creek at Sandy Creek Road #	3.8m falling	05:22 PM MON 10/01/11
Ma Ma Ck at Harm's *	2.28m falling	08:10 AM MON 10/01/11
Tenthill Ck at Tenthill *	4.53m rising	04:10 PM MON 10/01/11
Lockyer Ck at Gatton *	9.07m rising	05:30 PM MON 10/01/11
Lockyer Ck at Gatton #	13.22m rising	05:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	7.88m rising	04:00 PM MON 10/01/11
Laidley Ck at Laidley	6m rising	02:45 PM MON 10/01/11
Laidley Ck at Showground Weir *	8.95m rising	05:30 PM MON 10/01/11
Laidley Ck at Showground Weir #	9m rising	05:31 PM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.28m falling	03:00 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	10.78m falling	05:24 PM MON 10/01/11
Lockyer Ck at Lyons Br #	14.93m rising	05:05 PM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	14.85m rising	05:30 PM MON 10/01/11
Lockyer Ck at O'Reilly's Weir #	16.38m rising	05:29 PM MON 10/01/11
Brisbane R at Lowood Pump Stn #	14.53m falling	05:28 PM MON 10/01/11
Brisbane R at Savages Crossing #	14.37m rising	05:29 PM MON 10/01/11
Brisbane R at Burtons Br #	11.08m rising	05:23 PM MON 10/01/11
Brisbane R at Kholo Br #	6.63m rising	05:28 PM MON 10/01/11
Brisbane R at Mt Crosby #	14.64m rising	05:31 PM MON 10/01/11
Brisbane R at Mt Crosby #	14.08m falling	04:39 PM MON 10/01/11
Brisbane R at Colleges Crossing #	12.41m rising	05:33 PM MON 10/01/11
Bremer R at Stokes Crossing #	4.6m falling	05:20 PM MON 10/01/11
Warrill Ck at Churchbank Weir *	2.35m rising	05:30 PM MON 10/01/11
Warrill Ck at Greens Rd Amberley #	5.6m rising	05:26 PM MON 10/01/11
Bremer R at One Mile Br #	11.8m steady	05:03 PM MON 10/01/11
Bremer R at Hancocks Br Brassall #	9.28m rising	04:33 PM MON 10/01/11
Bremer R at Ipswich #	6.85m steady	05:27 PM MON 10/01/11
Brisbane R at Moggill #	5.87m rising	05:18 PM MON 10/01/11
Brisbane R at Jindalee Br #	3.75m steady	04:07 PM MON 10/01/11
Brisbane R at City Gauge #	0.81m falling	05:21 PM MON 10/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 9:44 PM on Monday the 10th of January 2011
by the Bureau of Meteorology, Brisbane.

LOCKYER CREEK: Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Gatton and Laidley Creek at Mulgowie. Lockyer Creek at Gatton reached 19 metres, which is more than 2.5 metres above the previous record.

Rapid stream rises are occurring at Glenore Grove, and the river has reached 14.42 metres at 9pm. A peak in the next few hours is expected, with flood levels in excess of 15 metres possible.

Stream rises in the Lockyer Creek downstream are expected overnight, with the main flood waters reaching Lyons Bridge overnight.

Stream level rises causing moderate to major flooding are being recorded in Lockyer Creek, Warrill Creek and along the Bremer River. Major flood levels are likely at Ipswich during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, a river levels of about 2.1 metres is expected with the afternoon high tide on Tuesday and about 3 metres is expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment at Helidon and Gatton and Laidley Creek at Mulgowie. These will extend to Lyons Bridge in the next few hours and areas downstream later Monday and early Tuesday. High level major flooding is expected in areas downstream of Gatton overnight and during Tuesday.

BREMER RIVER:

Rainfall during Monday will lead to renewed rises and a return to moderate flood

levels along the Bremer River to Walloon. Levels over 5 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Further rainfall during Monday will lead to increasing river levels along Warrill Creek with levels expected to reach above 6 metres at Amberley overnight.

MIDDLE AND LOWER BRISBANE:

SEQwater advises releases from Wivenhoe Dam will increase during Monday. Moderate flooding is expected at Savages Crossing and at Mt Crosby Weir overnight tonight and during Tuesday.

The Brisbane River at the City Gauge (lower end of Edward Street and at Thornton Street) is expected to reach about 2.1 metres with the afternoon high tide on Tuesday and reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon. Quicker rises and higher levels are possible depending on further rainfall tonight.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres with the afternoon high tide on Tuesday.

Reach about 3 metres with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about midnight Monday.

Latest River Heights:

Lockyer Ck at Helidon *	12.66m rising	02:50 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.28m falling	08:40 PM MON 10/01/11
Sandy Creek at Sandy Creek Road #	2.85m falling	08:49 PM MON 10/01/11
Ma Ma Ck at Harm's *	2.28m falling	08:10 AM MON 10/01/11
Tenthill Ck at Tenthill *	4.52m falling	08:40 PM MON 10/01/11
Lockyer Ck at Gatton *	18.92m rising	18:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	6.68m falling	07:30 PM MON 10/01/11
Laidley Ck at Laidley	8.6m rising slowly	06:00 PM MON 10/01/11
Laidley Ck at Showground Weir #	9.22m rising	08:58 PM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.38m rising	08:00 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	14.42m rising	08:58 PM MON 10/01/11
Lockyer Ck at Lyons Br #	15.07m rising	08:56 PM MON 10/01/11
Lockyer Ck at Rifle Range Rd *	14.99m rising	08:40 PM MON 10/01/11
Lockyer Ck at O'Reilly's Weir #	17.14m rising	08:55 PM MON 10/01/11
Brisbane R at Lowood Pump Stn #	15.17m falling	08:58 PM MON 10/01/11
Brisbane R at Savages Crossing *	14.76m falling	08:40 PM MON 10/01/11

Brisbane R at Savages Crossing #	14.87m steady	08:53 PM MON 10/01/11
Brisbane R at Burtons Br #	11.44m rising	08:47 PM MON 10/01/11
Brisbane R at Kholo Br #	7.09m rising	08:47 PM MON 10/01/11
Brisbane R at Mt Crosby #	15.05m rising	08:57 PM MON 10/01/11
Brisbane R at Colleges Crossing #	12.91m rising	09:00 PM MON 10/01/11
Warrill Ck at Greens Rd Amberley #	5.92m falling	08:56 PM MON 10/01/11
Bremer R at One Mile Br #	12.2m rising	08:59 PM MON 10/01/11
Bremer R at Hancocks Br Brassall #	9.58m rising	08:27 PM MON 10/01/11
Bremer R at Ipswich #	7.2m rising	08:56 PM MON 10/01/11
Brisbane R at Moggill #	6.12m rising	08:53 PM MON 10/01/11
Brisbane R at Jindalee Br #	3.75m steady	07:07 PM MON 10/01/11
Brisbane R at City Gauge *	0.41m steady	08:40 PM MON 10/01/11

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 12:06 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now at Glenore Grove, with strong stream rises expected overnight and early Tuesday morning in the Lockyer Creek downstream of Glenore Grove.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane overnight and through Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Further rainfall during Monday has led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton this evening before the station failed. This level is well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently around Glenore Grove, with strong stream rises at Lyons Bridge expected in the next few hours. The Lockyer Creek at

Glenore Grove has reached 14.60 metres at 11:30pm. A peak in the next few hours is expected, with flood levels in excess of 15 metres possible.

Renewed stream rises have commenced at the Lockyer River at Lyons Bridge with a peak between 16 and 16.5 metres expected early Tuesday morning.

BREMER RIVER:

The rainfall during Monday will lead to renewed rises and a return to moderate flood levels along the Bremer River to Walloon. Levels between 5 and 6 metres are expected at Rosewood overnight.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

The rainfall during Monday has lead to increases in Warrill Creek with Amberley currently peaking around 6 metres.

MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday.
Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 4am Tuesday.

Latest River Heights:

Lockyer Ck at Helidon #	12.68m steady	03:02 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	4.28m falling	08:40 PM MON 10/01/11
Sandy Creek at Sandy Creek Road #	2.45m rising	11:01 PM MON 10/01/11
Ma Ma Ck at Harm's *	2.28m falling	08:10 AM MON 10/01/11
Tenthill Ck at Tenthill *	4.07m falling	10:30 PM MON 10/01/11
Lockyer Ck at Gatton *	18.92m rising	6:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	5.63m falling	10:10 PM MON 10/01/11
Laidley Ck at Laidley	8.7m falling slowly	10:00 PM MON 10/01/11
Laidley Ck at Showground Weir #	8.56m falling	11:16 PM MON 10/01/11
Bill Gunn Dam #	110.1m steady	11:14 PM MON 10/01/11
Laidley Ck at Warrego Hwy *	5.8m rising	09:50 PM MON 10/01/11
Lockyer Ck at Glenore Grove #	14.6m rising	11:12 PM MON 10/01/11
Lockyer Ck at Lyons Br #	15.17m rising	10:38 PM MON 10/01/11

Lockyer Ck at Rifle Range Rd *	14.99m rising	08:40 PM MON 10/01/11
Lockyer Ck at O'Reilly's Weir #	17.5m rising	11:16 PM MON 10/01/11
Brisbane R at Lowood Pump Stn #	15.45m rising	11:10 PM MON 10/01/11
Brisbane R at Savages Crossing #	15.25m falling	11:17 PM MON 10/01/11
Brisbane R at Burtons Br #	11.8m rising	11:14 PM MON 10/01/11
Brisbane R at Kholo Br #	7.41m rising	11:15 PM MON 10/01/11
Brisbane R at Mt Crosby #	15.31m rising	11:15 PM MON 10/01/11
Brisbane R at Colleges Crossing #	13.21m rising	11:18 PM MON 10/01/11
Warrill Ck at Greens Rd Amberley #	5.94m rising	11:08 PM MON 10/01/11
Bremer R at One Mile Br #	12.75m rising	11:08 PM MON 10/01/11
Bremer R at Hancocks Br Brassall #	10.13m rising	11:17 PM MON 10/01/11
Bremer R at Ipswich #	7.6m rising	11:17 PM MON 10/01/11
Brisbane R at Moggill #	6.42m rising	11:14 PM MON 10/01/11
Brisbane R at Jindalee Br #	3.9m rising	10:59 PM MON 10/01/11
Brisbane R at City Gauge #	1.05m rising	11:09 PM MON 10/01/11

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 4:06 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises expected during Tuesday.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam are expected to increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

LOCKYER CREEK:

Extremely heavy rainfall during Monday led to extreme rises in the Lockyer Creek catchment and Laidley Creek at Mulgowie. Record flood levels of 18.92 metres were recorded at Gatton Monday evening before the station failed. This level was well above the previous record peak of 16.33 metres from the February 1893 flood.

The main flood waters are currently arriving at Lyons Bridge, with strong stream

rises expected in the next few hours. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood.

Renewed stream rises have commenced in Lockyer Creek at Lyons Bridge with a peak between 16 and 16.5 metres expected Tuesday morning. This is likely to be similar in level to the 1996 flood.

BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight monday.

The Bremer River at Ipswich is expected to reach about 12.7 metres on Tuesday afternoon. Higher levels are possible.

WARRILL CREEK

Warrill Creek at Amberley peaked at 5.98 metres around 9pm Monday.

MIDDLE AND LOWER BRISBANE:

Moderate flooding is developing at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and levels of about 3 metres are expected with the high tides on Wednesday causing moderate flooding.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach about 12.7 metres (major) during Tuesday afternoon.

Moggill: Reach about 12 metres (minor) during Tuesday afternoon.

Jindalee: Reach about 7 metres (minor) overnight Tuesday.

Brisbane: Reach about 2.1 metres (minor) with the afternoon high tide on Tuesday. Reach about 3 metres (moderate) with the high tides on Wednesday.

(3 metres at the Brisbane City gauge is about 1.5 metres higher than the highest tide of the year at this location).

Further rises are possible at all four locations depending on further rain.

Next Issue:

The next warning will be issued at about 8am Tuesday.

Latest River Heights:

Lockyer Ck at Helidon #	12.68m steady	03:02 PM MON 10/01/11
Flagstone Ck at Brown-Zirbels Rd *	3.49m falling	02:10 AM TUE 11/01/11
Sandy Creek at Sandy Creek Road #	2.15m falling	03:19 AM TUE 11/01/11
Ma Ma Ck at Harm's *	3.26m rising	02:30 AM TUE 11/01/11
Tenthill Ck at Tenthill *	5.57m rising	02:40 AM TUE 11/01/11
Lockyer Ck at Gatton #	18.92m rising	06:30 PM MON 10/01/11
Laidley Ck at Mulgowie *	6.39m rising	02:20 AM TUE 11/01/11
Laidley Ck at Laidley	8.7m falling slowly	10:00 PM MON 10/01/11
Laidley Ck at Showground Weir #	7.84m rising	03:25 AM TUE 11/01/11
Laidley Ck at Warrego Hwy *	6.41m rising	02:00 AM TUE 11/01/11
Lockyer Ck at Glenore Grove #	13.8m falling	03:24 AM TUE 11/01/11
Lockyer Ck at Lyons Br #	15.55m rising	03:23 AM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	15.39m rising	02:40 AM TUE 11/01/11
Lockyer Ck at O'Reilly's Weir #	18m falling	03:28 AM TUE 11/01/11

Brisbane R at Lowood Pump Stn #	15.93m falling	03:31 AM TUE 11/01/11
Brisbane R at Savages Crossing #	15.89m rising	03:29 AM TUE 11/01/11
Brisbane R at Burtons Br #	12.22m rising	03:29 AM TUE 11/01/11
Brisbane R at Kholo Br #	7.99m rising	03:29 AM TUE 11/01/11
Brisbane R at Mt Crosby #	15.82m steady	03:30 AM TUE 11/01/11
Brisbane R at Mt Crosby #	14.08m falling	04:39 PM MON 10/01/11
Brisbane R at Colleges Crossing #	13.91m rising	03:32 AM TUE 11/01/11
Bremer R at Rosewood#	5.56m falling	03:11 AM TUE 11/01/11
Bremer R at Five Mile Br Walloon #	6.4m rising	03:15 AM TUE 11/01/11
Warrill Ck at Greens Rd Amberley #	5.84m falling	03:29 AM TUE 11/01/11
Bremer R at One Mile Br #	13.75m rising	03:31 AM TUE 11/01/11
Bremer R at Hancocks Br Brassall #	11.33m rising	03:22 AM TUE 11/01/11
Bremer R at Ipswich #	8.55m rising	03:31 AM TUE 11/01/11
Brisbane R at Moggill #	7.07m rising	03:29 AM TUE 11/01/11
Brisbane R at Jindalee Br #	4.5m rising	03:29 AM TUE 11/01/11
Brisbane R at City Gauge #	1.4m falling	03:15 AM TUE 11/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 9:28 AM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

Continuing heavy rainfall in the Lockyer Creek catchment is causing very fast rises along Tenthill Creek.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge, with strong stream rises during Tuesday and levels of above 17 metres are forecast.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will increase levels in Brisbane during Tuesday.

At the Brisbane City Gauge, minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and moderate flood levels of 2.6 metres with the overnight high tide. Further rises to 3.5 metres (major) is expected with the high tide on Wednesday afternoon with higher levels likely on Thursday.

LOCKYER CREEK:

Very heavy rainfall is continuing in the Lockyer Creek catchment and further

very fast rises are being observed along Tenthill Creek this morning. Renewed rises are likely in the lower catchment during Tuesday prolonging major flooding. The Lockyer Creek at Glenore Grove peaked at 14.60 metres at 11:30pm, which is 0.3 metres below the 1974 flood. Renewed rises are likely at Glenore Grove today with a return to above 14 metres.

The main flood peak from Monday is currently approaching Lyons Bridge, with strong stream rises expected in the next few hours. A peak is expected above 17 metres at Lyons Bridge later today.

BREMER RIVER:

The Bremer River at Walloon has exceeded the moderate flood level. The Bremer River at Rosewood peaked at 5.8 metres around midnight Monday but renewed rises are expected as rainfall continues.

The Bremer River at Ipswich is expected to reach about 16 metres during Wednesday. Higher levels are expected.

WARRILL CREEK

Further rises are likely today as rainfall continues.

MIDDLE AND LOWER BRISBANE:

Moderate flooding will continue to rise at Savages Crossing and at Mt Crosby Weir.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), minor flood levels of about 2.1 metres are expected with the afternoon high tide on Tuesday and moderate flood levels of 2.6 metres with the overnight high tide. Higher flood levels to 3.5 metres (major) are expected with the high tide on Wednesday afternoon. Levels above 3.5 metres are expected on Thursday.

(3.5 metres at the Brisbane City gauge is about 2.5 metres higher than the highest tide of the year at this location).

Predicted River Heights/Flows:

Ipswich: Reach at least 16 metres (major) during Wednesday; further rises.

Moggill: Reach at least 15 metres (moderate) during Wednesday; further rises.

Jindalee: Reach at least 9 metres (moderate) late Wednesday; further rises.

Brisbane City: Reach about 2.6 metres (moderate) with the overnight high tide tonight. Reach 3.5 metres (major) with the high tides on Wednesday. Higher levels are expected on Thursday with the high tides.

(3.5 metres at the Brisbane City gauge is about 2 metres higher than the highest tide of the year at this location).

Further rises are expected at all four locations with continued rainfall.

Next Issue:

The next warning will be issued at about 3:30pm Tuesday.

Latest River Heights:

Flagstone Ck at Brown-Zirbels Rd *	3.53m rising	05:40 AM TUE 11/01/11
Sandy Creek at Sandy Creek Road #	2.9m rising	06:56 AM TUE 11/01/11
Ma Ma Ck at Harm's *	2.96m rising	05:40 AM TUE 11/01/11
Tenthill Ck at Tenthill *	5.57m rising	05:46 AM TUE 11/01/11
Laidley Ck at Mulgowie *	6.83m rising	05:00 AM TUE 11/01/11
Laidley Ck at Laidley	8.7m falling slowly	10:00 PM MON 10/01/11

Laidley Ck at Showground Weir *	8.74m rising	05:40 AM TUE 11/01/11
Laidley Ck at Warrego Hwy *	6.28m rising	05:00 AM TUE 11/01/11
Lockyer Ck at Glenore Grove #	13.48m rising	06:52 AM TUE 11/01/11
Lockyer Ck at Lyons Br #	16.09m rising	06:56 AM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	15.78m rising	05:40 AM TUE 11/01/11
Brisbane R at Lowood Pump Stn #	16.21m rising	06:55 AM TUE 11/01/11
Brisbane R at Savages Crossing #	16.17m rising	06:53 AM TUE 11/01/11
Brisbane R at Burtons Br #	12.92m rising	06:50 AM TUE 11/01/11
Brisbane R at Mt Crosby #	16.23m rising	06:36 AM TUE 11/01/11
Brisbane R at Colleges Crossing #	14.51m rising	06:57 AM TUE 11/01/11
Bremer R at Rosewood #	5.32m rising	06:41 AM TUE 11/01/11
Warrill Ck at Amberley DNR *	6.78m rising	05:20 AM TUE 11/01/11
Bremer R at Ipswich #	9.25m rising	06:50 AM TUE 11/01/11
Brisbane R at Moggill #	7.62m rising	06:45 AM TUE 11/01/11
Brisbane R at Jindalee Br #	4.75m rising	06:26 AM TUE 11/01/11
Brisbane R at City Gauge #	0.95m falling	06:30 AM TUE 11/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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Australian Government Bureau of Meteorology
Queensland

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 3:24 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected with the overnight high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon. River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 36 hours.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

LOCKYER CREEK:

Very heavy rainfall is continuing in the Lockyer Creek catchment and further very fast rises are being observed. Major flooding will continue this evening throughout the catchment. Flood levels at Glenore Grove were at 15.2 metres at

3pm, which is 0.3 metres above the 1974 flood level.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

BREMER RIVER:

The Bremer River at Walloon has exceeded the major flood level. The Bremer River at Rosewood is expected to reach at least 7.6 metres during the next few hours.

The Bremer River at Ipswich is expected to reach about 22 metres during Wednesday. Higher levels are possible as rainfall continues.

WARRILL CREEK

Further rises are likely today as rainfall continues with major flooding from Kalbar to Amberley continuing. Levels at Amberley are expected to reach at least 7.5 metres overnight.

MIDDLE AND LOWER BRISBANE:

Moderate flooding will continue to rise at Savages Crossing and at Mt Crosby Weir with major flood levels exceeded overnight.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected tonight with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Predicted River Heights/Flows:

Ipswich: Reach at least 22 metres (major) during Wednesday; further rises.

Moggill: Reach at least 22 metres (moderate) during Wednesday; further rises.

Jindalee: Reach at least 14.2 metres (moderate) late Wednesday; further rises.

Brisbane City: Reach about 3 metres (moderate) around 3am Wednesday.

Reach 4.5 metres (major) at 3pm Wednesday.

Exceed 1974 flood level (5.45 metres) on Thursday.

Next Issue:

The next warning will be issued at about 7pm Tuesday.

Latest River Heights:

Tenthill Ck at Tenthill *	5.58m rising	02:30 PM TUE 11/01/11
Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	9.26m rising	03:10 PM TUE 11/01/11
Laidley Ck at Warrego Hwy *	7.37m steady	02:00 PM TUE 11/01/11
Lockyer Ck at Glenore Grove #	15.24m rising	03:04 PM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	16.65m rising	02:20 PM TUE 11/01/11
Brisbane R at Savages Crossing *	20.48m rising	02:40 PM TUE 11/01/11
Brisbane R at Mt Crosby #	20.10m rising	03:20 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.41m rising	03:21 PM TUE 11/01/11
Bremer R at Rosewood #	7.48m rising	03:08 PM TUE 11/01/11
Bremer R at Walloon DERM *	9.85m rising	02:40 PM TUE 11/01/11
Warrill Ck at Amberley DNR *	8.09m rising	02:40 PM TUE 11/01/11
Bremer R at Ipswich #	12.05m rising	03:18 PM TUE 11/01/11
Brisbane R at Moggill #	10.22m rising	03:14 PM TUE 11/01/11
Brisbane R at Jindalee Br #	6.7m rising	03:11 PM TUE 11/01/11
Brisbane R at City Gauge #	1.9m rising	01:01 PM TUE 11/01/11

*automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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Australian Government Bureau of Meteorology
Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 8:05 PM on Tuesday the 11th of January 2011
by the Bureau of Meteorology, Brisbane.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected with the overnight high tide. Higher flood levels to about 4.5 metres (major) are expected with the high tide on Wednesday afternoon. River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 36 hours.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

LOCKYER CREEK:

Very heavy rainfall is continuing in the Lockyer Creek catchment and further very fast rises are being observed. Major flooding will continue this evening throughout the catchment. Flood levels at Glenore Grove were at 15.2 metres at 3pm, which is 0.3 metres above the 1974 flood level.

The main flood waters in the Lockyer Creek are now arriving at Lyons Bridge and are continuing to increase near record levels.

BREMER RIVER:

The Bremer River at Walloon has exceeded the major flood level. The Bremer River at Rosewood has peaked at 7.5 metres around 5pm Tuesday.

The Bremer River at Ipswich is expected to reach around 21.5 metres during Wednesday.

WARRILL CREEK

Further rises are likely today as rainfall continues with major flooding from Kalbar to Amberley continuing. Levels at Amberley are expected to reach at least 8.0 metres overnight.

MIDDLE AND LOWER BRISBANE:

Moderate flooding will continue to rise at Savages Crossing and at Mt Crosby Weir with major flood levels exceeded overnight.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected tonight with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Predicted River Heights/Flows:

Ipswich: Reach about 21.5 metres (major) during Wednesday; further rises possible.

Moggill: Reach about 21 metres (moderate) during Wednesday; further rises possible.

Jindalee: Reach about 14.2 metres (moderate) late Wednesday; further rises possible.

Brisbane City: Reach about 3 metres (moderate) around 3am Wednesday.
Reach about 4.5 metres (major) at 3pm Wednesday.
Exceed 1974 flood level (5.45 metres) on Thursday.

Next Issue:

The next warning will be issued at about midnight Tuesday.

Latest River Heights:

Tenthill Ck at Tenthill *	5.05m falling	06:20 PM TUE 11/01/11
Laidley Ck at Mulgowie *	1.9m steady	08:50 AM TUE 11/01/11
Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	9.24m falling	07:31 PM TUE 11/01/11
Laidley Ck at Warrego Hwy *	7.37m steady	06:00 PM TUE 11/01/11
Lockyer Ck at Glenore Grove #	15.26m rising	07:31 PM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	16.66m rising	05:30 PM TUE 11/01/11
Brisbane R at Savages Crossing *	21.67m rising	05:40 PM TUE 11/01/11
Brisbane R at Kholo Br #	12.77m rising	03:28 PM TUE 11/01/11
Brisbane R at Colleges Crossing#	15.81m rising	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	7.24m falling	07:29 PM TUE 11/01/11
Bremer R at Walloon DERM *	11.27m rising	06:00 PM TUE 11/01/11
Warrill Ck at Amberley DNR *	8.69m rising	05:40 PM TUE 11/01/11
Bremer R at Ipswich #	14.85m falling	07:33 PM TUE 11/01/11
Brisbane R at Moggill #	12.17m rising	07:32 PM TUE 11/01/11
Brisbane R at Jindalee Br #	7.95m rising	07:23 PM TUE 11/01/11
Brisbane R at City Gauge #	1.75m falling	06:57 PM TUE 11/01/11

*,# denotes an automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

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Australian Government Bureau of Meteorology
Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 12:19 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected with the overnight high tide. Higher flood levels to about 4.5 metres (major) are expected with the high tide on Wednesday afternoon. River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 36 hours.

LOCKYER CREEK:

Major flooding will continue tonight in the Lockyer Creek catchment. Flood levels at Glenore Grove peaked at 15.2 metres at 3pm, which is 0.3 metres above the 1974 flood level.

The Lockyer Creek at Lyons Bridge peaked at 17.25 metres around 6pm Tuesday.

WARRILL CREEK:

Major flooding continues from Kalbar to Amberley. Levels at Amberley are expected to reach at least 8.0 metres overnight.

BREMER RIVER:

The Bremer River at Walloon has exceeded the major flood level. The Bremer River at Rosewood has peaked at 7.5 metres around 5pm Tuesday.

The Bremer River at Ipswich is expected to reach around 21.5 metres during Wednesday causing major flooding. This level is 0.8 metres higher than the 1974 flood peak at Ipswich.

MIDDLE AND LOWER BRISBANE:

Major flood levels have been exceeded at Savages Crossing and Mount Crosby Weir, with further rises expected overnight.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres are expected tonight with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Predicted River Heights/Flows:

Ipswich: Reach about 21.5 metres (major) during Wednesday; further rises possible.

Moggill: Reach about 21 metres (moderate) during Wednesday; further rises possible.

Jindalee: Reach about 14.2 metres (moderate) late Wednesday; further rises possible.

Brisbane City: Reach about 3 metres (moderate) around 3am Wednesday.

Reach about 4.5 metres (major) at 3pm Wednesday.

Exceed 1974 flood level (5.45 metres) on Thursday.

Next Issue:

The next warning will be issued at about 4am Wednesday.

Latest River Heights:

Tenthill Ck at Tenthill *	4.71m falling	09:20 PM TUE 11/01/11
Laidley Ck at Mulgowie *	1.9m steady	08:50 AM TUE 11/01/11
Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	9.24m rising	11:28 PM TUE 11/01/11
Laidley Ck at Warrego Hwy *	7.37m steady	09:00 PM TUE 11/01/11
Lockyer Ck at Glenore Grove #	14.88m falling	11:38 PM TUE 11/01/11
Lockyer Ck at Rifle Range Rd *	16.64m steady	08:00 PM TUE 11/01/11
Brisbane R at Savages Crossing *	22.97m rising	08:40 PM TUE 11/01/11
Brisbane R at Kholo Br #	12.77m rising	03:28 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.81m rising	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	6.76m falling	11:35 PM TUE 11/01/11
Bremer R at Walloon DERM *	11.07m falling	09:00 PM TUE 11/01/11
Warrill Ck at Amberley DNR *	9m rising	08:40 PM TUE 11/01/11
Bremer R at Ipswich #	16.55m rising	11:36 PM TUE 11/01/11
Brisbane R at Moggill #	13.87m rising	11:32 PM TUE 11/01/11
Brisbane R at Jindalee Br #	9.2m rising	11:35 PM TUE 11/01/11
Brisbane R at City Gauge #	2.26m rising	11:33 PM TUE 11/01/11

*,# automatic station

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Australian Government Bureau of Meteorology
Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 4:02 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street) rises are expected during Wednesday. River levels around 4.5 metres (major) are expected with the high tide on Wednesday afternoon. River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 36 hours.

LOCKYER CREEK:

Major flooding will continue tonight in the Lockyer Creek catchment. Flood levels at Glenore Grove peaked at 15.2 metres at 3pm, which is 0.3 metres above the 1974 flood level.

The Lockyer Creek at Lyons Bridge peaked at 17.25 metres around 6pm Tuesday.

WARRILL CREEK:

Major flooding continues from Kalbar to Amberley. Levels at Amberley are expected to reach at least 8.0 metres overnight.

BREMER RIVER:

The Bremer River at Walloon has exceeded the major flood level. The Bremer River at Rosewood has peaked at 7.5 metres around 5pm Tuesday.

The Bremer River at Ipswich is expected to reach around 21.5 metres during Wednesday causing major flooding. This level is 0.8 metres higher than the 1974 flood peak at Ipswich.

MIDDLE AND LOWER BRISBANE:

Major flooding is occurring along the Brisbane River from downstream of Wivenhoe dam to Jindalee, with further rises expected downstream of Savages Crossing during Wednesday.

Major flood levels have been exceeded at Savages Crossing, with a peak recorded early Wednesday morning.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres were recorded with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with levels higher than 1974 expected. The 1974 flood peak was 5.45 metres at the Brisbane City gauge.

Predicted River Heights/Flows:

Ipswich: Reach about 21.5 metres (major) during Wednesday; further rises possible.

Moggill: Reach about 21 metres (moderate) during Wednesday; further rises possible.

Jindalee: Reach about 14.2 metres (moderate) late Wednesday; further rises possible.

Brisbane City: Reach about 3 metres (moderate) around 3am Wednesday.
Reach about 4.5 metres (major) at 3pm Wednesday.
Exceed 1974 flood level (5.45 metres) on Thursday.

Next Issue:

The next warning will be issued at about 8am Wednesday.

Latest River Heights:

Tenthill Ck at Tenthill *	3.03m steady	02:40 AM WED 12/01/11
Laidley Ck at Mulgowie *	1.9m steady	08:50 AM TUE 11/01/11
Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	8.9m falling	03:25 AM WED 12/01/11
Laidley Ck at Warrego Hwy *	7.2m falling	02:00 AM WED 12/01/11
Lockyer Ck at Glenore Grove #	14.06m falling	03:26 AM WED 12/01/11
Lockyer Ck at Rifle Range Rd *	16.59m falling	02:10 AM WED 12/01/11
Brisbane R at Savages Crossing *	24.13m rising	02:40 AM WED 12/01/11
Brisbane R at Kholo Br #	12.77m rising	03:28 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.81m rising	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	6.28m falling	03:23 AM WED 12/01/11
Bremer R at Walloon DERM *	10.27m falling	02:00 AM WED 12/01/11
Warrill Ck at Amberley DNR *	9.13m steady	02:20 AM WED 12/01/11
Bremer R at Ipswich #	18.2m rising	03:19 AM WED 12/01/11
Brisbane R at Moggill #	15.37m rising	03:20 AM WED 12/01/11
Brisbane R at Jindalee Br #	10.35m rising	03:17 AM WED 12/01/11
Brisbane R at City Gauge #	3.01m rising	03:24 AM WED 12/01/11

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE
BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 7:33 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

At at 7:30am Wednesday, the Brisbane City gauge (lower end of Edward Street and
at Thornton Street) was 3.1 metres and rising. Rises will continue during
Wednesday and overnight.

At the Brisbane City gauge, river levels of about 4.5 metres (major) are
expected with the high tide on Wednesday afternoon. River rises will continue
into Thursday with a peak of about 5.5 metres expected with the high tides at

4am and 4pm. Levels will remain high throughout Thursday. This is similar to the 1974 flood peak of 5.45 metres.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 24 hours.

LOCKYER CREEK:

Major flooding will continue this morning in the Lockyer Creek catchment with levels expected to start falling significantly today. Flood levels at Glenore Grove peaked at 15.2 metres at 3pm Tuesday, which is 0.3 metres above the 1974 flood level.

The Lockyer Creek at Lyons Bridge peaked at 17.25 metres around 6pm Tuesday.

WARRILL CREEK:

Major flooding continues from Kalbar to Amberley. A flood peak to just over 8 metres is occurring at Amberley this morning.

BREMER RIVER

Major flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich is expected to peak about 20.5 metres during Wednesday afternoon with major flooding. This is similar to the 1974 flood level.

MIDDLE AND LOWER BRISBANE:

Major flooding is rising from the Savages Crossing area to Jindalee along the Brisbane River.

At Savages Crossing, a major flood peak of 24.2 metres has been recorded early Wednesday morning, slightly above the 1974 peak level at this location.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres were recorded with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with a peak of about 5.5 metres expected with the high tides at 4am and 4pm. Levels will remain high throughout Thursday. This is similar to the 1974 flood peak of 5.45 metres.

Predicted River Heights/Flows:

Ipswich: Peak about 20.5 metres (major) during Wednesday afternoon.

Moggill: Peak about 20 metres (moderate) during Wednesday afternoon.

Jindalee: Peak about 14.2 metres (moderate) by midnight.

Brisbane City: Reach about 4.5 metres (major) at 3pm Wednesday.

Peak about 5.5 metres (major) during Thursday.

Next Issue:

The next warning will be issued at about noon Wednesday.

Latest River Heights:

Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	7.26m falling	06:01 AM WED 12/01/11
Laidley Ck at Warrego Hwy *	6.86m falling	05:00 AM WED 12/01/11
Lockyer Ck at Glenore Grove #	13.42m falling	06:01 AM WED 12/01/11

Lockyer Ck at Rifle Range Rd *	16.55m falling	05:40 AM WED 12/01/11
Brisbane R at Savages Crossing *	23.85m falling	05:40 AM WED 12/01/11
Brisbane R at Kholo Br #	12.77m rising	03:28 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.81m rising	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	5.9m falling	06:02 AM WED 12/01/11
Bremer R at Walloon DERM *	9.58m falling	05:40 AM WED 12/01/11
Warrill Ck at Amberley DNR *	9.2m rising	05:20 AM WED 12/01/11
Bremer R at Ipswich #	18.6m rising	05:53 AM WED 12/01/11
Brisbane R at Moggill #	16.27m rising	05:53 AM WED 12/01/11
Brisbane R at Jindalee Br #	11.1m rising	06:02 AM WED 12/01/11
Brisbane R at City Gauge #	3.10m rising	07:30 AM WED 12/01/11

*automatic station

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 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

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Australian Government Bureau of Meteorology
 Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE
 BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
 INCLUDING BRISBANE CITY

Issued at 7:56 AM on Wednesday the 12th of January 2011
 by the Bureau of Meteorology, Brisbane.

IPSWICH: At 7:30 am Wednesday, flood levels at Ipswich are at 19 metres and
 rising. A peak is expected this afternoon of about 20.5 metres. This is similar
 to the 1974 flood level.

BRISBANE: At 7:30am Wednesday, the Brisbane City gauge (lower end of Edward
 Street and at Thornton Street) was 3.1 metres and rising. Rises will continue
 during Wednesday and overnight.

At the Brisbane City gauge, river levels of about 4.5 metres (major) are
 expected with the high tide on Wednesday afternoon. River rises will continue
 into Thursday with a peak of about 5.5 metres expected with the high tides at
 4am and 4pm. Levels will remain high throughout Thursday. This is similar to the
 1974 flood peak of 5.45 metres.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River
 flows from the Bremer and Lockyer catchments combined with releases from
 Wivenhoe dam will continue to increase flood levels in Brisbane during the next
 24 hours.

LOCKYER CREEK:

Major flooding will continue this morning in the Lockyer Creek catchment with levels expected to start falling significantly today. Flood levels at Glenore Grove peaked at 15.2 metres at 3pm Tuesday, which is 0.3 metres above the 1974 flood level.

The Lockyer Creek at Lyons Bridge peaked at 17.25 metres around 6pm Tuesday.

WARRILL CREEK:

Major flooding continues from Kalbar to Amberley. A flood peak to just over 8 metres is occurring at Amberley this morning.

BREMER RIVER

Major flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich is expected to peak about 20.5 metres during Wednesday afternoon with major flooding. This is similar to the 1974 flood level.

MIDDLE AND LOWER BRISBANE:

Major flooding is rising from the Savages Crossing area to Jindalee along the Brisbane River.

At Savages Crossing, a major flood peak of 24.2 metres has been recorded early Wednesday morning, slightly above the 1974 peak level at this location.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres were recorded with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with a peak of about 5.5 metres expected with the high tides at 4am and 4pm. Levels will remain high throughout Thursday. This is similar to the 1974 flood peak of 5.45 metres.

Predicted River Heights/Flows:

Ipswich: Peak about 20.5 metres (major) during Wednesday afternoon.

Moggill: Peak about 20 metres (moderate) during Wednesday afternoon.

Jindalee: Peak about 14.2 metres (moderate) by midnight.

Brisbane City: Reach about 4.5 metres (major) at 3pm Wednesday.
Peak about 5.5 metres (major) during Thursday.

Next Issue:

The next warning will be issued at about noon Wednesday.

Latest River Heights:

Tenthill Ck at Tenthill *	2.67m falling	06:00 AM WED 12/01/11
Laidley Ck at Mulgowie *	1.9m steady	08:50 AM TUE 11/01/11
Laidley Ck at Laidley	8.85m steady	01:20 PM TUE 11/01/11
Laidley Ck at Showground Weir #	6.56m falling	07:37 AM WED 12/01/11
Laidley Ck at Warrego Hwy *	6.75m falling	06:00 AM WED 12/01/11
Lockyer Ck at Glenore Grove #	13.04m falling	07:39 AM WED 12/01/11
Lockyer Ck at Rifle Range Rd *	16.55m falling	05:40 AM WED 12/01/11
Brisbane R at Savages Crossing *	23.85m falling	05:40 AM WED 12/01/11
Brisbane R at Kholo Br #	12.77m rising	03:28 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.81m rising	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	5.64m falling	07:38 AM WED 12/01/11
Bremer R at Walloon DERM *	9.53m falling	06:00 AM WED 12/01/11
Warrill Ck at Amberley DNR *	9.2m rising	05:20 AM WED 12/01/11
Bremer R at Ipswich #	18.85m rising	07:29 AM WED 12/01/11

Brisbane R at Moggill #	16.72m rising	07:38 AM WED 12/01/11
Brisbane R at Jindalee Br #	11.5m rising	07:41 AM WED 12/01/11
Brisbane R at City Gauge #	3.15m rising	07:39 AM WED 12/01/11

*automatic station

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Australian Government Bureau of Meteorology
Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 11:56 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: At 11:30 am Wednesday, flood levels at Ipswich are at 19.3 metres and rising. A peak is expected this afternoon of about 20.5 metres. This is similar to the 1974 flood level.

BRISBANE: At 11:45am Wednesday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) was 3.75 metres and rising. Rises will continue during Wednesday afternoon and overnight.

At the Brisbane City gauge, river levels of about 4.5 metres (major) are expected with the high tide on Wednesday afternoon. River rises will continue into Thursday with a peak of about 5.5 metres expected with the high tides at 4am and 4pm. Levels will remain high throughout Thursday. This is similar to the 1974 flood peak of 5.45 metres.

Wivenhoe dam is providing significant mitigation of upper Brisbane floods. River flows from the Bremer and Lockyer catchments combined with releases from Wivenhoe dam will continue to increase flood levels in Brisbane during the next 24 hours.

LOCKYER CREEK:

Major flooding will continue this morning in the Lockyer Creek catchment with levels expected to start falling significantly today.

WARRILL CREEK:

Major flooding continues from Kalbar to Amberley. A flood peak to just over 8 metres is occurring at Amberley today.

BREMER RIVER

Major flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich is expected to peak about 20.5 metres during Wednesday afternoon with major flooding. This is similar to the 1974 flood level.

MIDDLE AND LOWER BRISBANE:

Major flooding is rising from the Savages Crossing area to Jindalee along the Brisbane River.

At Savages Crossing, a major flood peak of 24.2 metres has been recorded early Wednesday morning, slightly above the 1974 peak level at this location.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), moderate flood levels of about 3 metres were recorded with the 3am high tide. Higher flood levels to 4.5 metres (major) are expected with the high tide on Wednesday afternoon (3pm). River rises will continue into Thursday with a peak of about 5.5 metres expected with the high tides at 4am and 4pm. Levels will remain high throughout Thursday. This is similar to the 1974 flood peak of 5.45 metres.

Predicted River Heights/Flows:

Ipswich: Peak about 20.5 metres (major) during Wednesday afternoon.

Moggill: Peak about 20 metres (moderate) during Wednesday afternoon.

Jindalee: Peak about 14.2 metres (moderate) by midnight.

Brisbane City: Reach about 4.5 metres (major) at 3pm Wednesday.
Peak about 5.5 metres (major) during Thursday.
Fall below major flood level during Friday.

Next Issue:

The next warning will be issued at about 4pm Wednesday.

Latest River Heights:

Laidley Ck at Laidley	5.1m steady	08:45 AM WED 12/01/11
Laidley Ck at Showground Weir #	5.92m falling	11:34 AM WED 12/01/11
Laidley Ck at Warrego Hwy *	6.19m falling	10:00 AM WED 12/01/11
Lockyer Ck at Glenore Grove #	12.02m falling	11:36 AM WED 12/01/11
Lockyer Ck at Rifle Range Rd *	16.5m falling	08:20 AM WED 12/01/11
Brisbane R at Savages Crossing *	23.25m falling	08:20 AM WED 12/01/11
Brisbane R at Kholo Br #	12.77m rising	03:28 PM TUE 11/01/11
Brisbane R at Colleges Crossing #	15.81m rising	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	5.08m falling	11:32 AM WED 12/01/11
Bremer R at Walloon DERM *	8.55m falling	10:30 AM WED 12/01/11
Warrill Ck at Amberley DNR *	9.25m steady	08:00 AM WED 12/01/11
Bremer R at Ipswich #	19.3m rising	11:27 AM WED 12/01/11
Brisbane R at Moggill #	17.42m rising	11:20 AM WED 12/01/11
Brisbane R at Jindalee Br #	12.25m rising	11:35 AM WED 12/01/11
Brisbane R at City Gauge #	3.7m rising	11:15 AM WED 12/01/11

*automatic station

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Queensland

BROADCASTERS ARE REQUESTED TO USE THE STANDARD EMERGENCY WARNING SIGNAL BEFORE BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 4:29 PM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: At 4pm Wednesday, flood levels at Ipswich are at 19.4 metres and steady. Based on upstream peak levels, it is likely to peak at around current levels which will be maintained into this evening.

BRISBANE: At 4pm Wednesday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) was 4.3 metres and rising. Rises will continue during Wednesday afternoon and overnight.

At the Brisbane City gauge, river rises will continue this evening with a peak of about 5.2 metres expected with the high tide at 4am. Levels will remain high throughout Thursday.

This is below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam were reduced quickly overnight.

LOCKYER CREEK:

Minor to major flooding will continue this afternoon in the Lockyer Creek catchment with levels expected to start falling significantly today.

WARRILL CREEK:

Major flooding continues from Kalbar to Amberley. A flood peak just over 8 metres occurred at Amberley today.

BREMER RIVER

Moderate to minor flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich is currently at 19.4 metres, and is expected to peak up to 19.5 metres during Wednesday evening with major flooding. This is around 1.2 metres below the 1974 flood level.

MIDDLE AND LOWER BRISBANE:

Major flooding is rising from the Moggill area to Brisbane City along the Brisbane River.

At Mount Crosby Weir, a major flood peak of 26.2 metres was recorded on Wednesday morning, slightly below the 1974 peak level at this location.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), flood levels reached 4.2 metres on the 3pm high tide with major flooding. River rises will continue this evening with a peak of about 5.2 metres expected with

the high tide at 4am Thursday. This is slightly below to the 1974 flood peak of 5.45 metres. Levels will remain high throughout Thursday.

Predicted River Heights/Flows:

Ipswich: Peak around 19.5 metres (major) during Wednesday evening.

Moggill: Peak around 18.5 metres (major) during Wednesday afternoon.

Jindalee: Peak about 13 metres (major) by midnight.

Brisbane City: Peak about 5.2 metres (major) with the high tide at 4am Thursday.

Fall below major flood level during Friday.

Next Issue:

The next warning will be issued at about 8pm Wednesday.

Latest River Heights:

Laidley Ck at Showground Weir #	5.66m falling	03:10 PM WED 12/01/11
Laidley Ck at Warrego Hwy *	5.56m falling	02:00 PM WED 12/01/11
Lockyer Ck at Glenore Grove #	10.72m falling	03:11 PM WED 12/01/11
Lockyer Ck at Rifle Range Rd *	16.29m rising	02:40 PM WED 12/01/11
Brisbane R at Savages Crossing *	20.62m falling	02:50 PM WED 12/01/11
Brisbane R at Colleges Crossing #	15.81m falling	04:05 PM TUE 11/01/11
Bremer R at Rosewood #	4.7m falling	03:08 PM WED 12/01/11
Bremer R at Walloon DERM *	7.38m falling	02:40 PM WED 12/01/11
Warrill Ck at Amberley DNR *	9.1m falling	02:40 PM WED 12/01/11
Bremer R at Ipswich #	19.4m rising	04:00 PM WED 12/01/11
Brisbane R at Moggill #	17.67m rising	03:11 PM WED 12/01/11
Brisbane R at Jindalee Br #	12.7m rising	03:11 PM WED 12/01/11
Brisbane R at City Gauge #	4.3m rising	04:00 PM WED 12/01/11

*automatic station

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PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 8:11 PM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Flood levels at Ipswich peaked at 19.4 metres during Wednesday, and are beginning to fall. River levels are expected to continue falling into Thursday.

BRISBANE: At 8pm Wednesday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) was 4.2 metres.

At the Brisbane City gauge, river rises will continue this evening with a peak of about 5.2 metres expected with the high tide at 4am. Levels will remain high throughout Thursday.

This is below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam were reduced quickly during Tuesday night.

LOCKYER CREEK:

Major flooding in the lower Lockyer Creek will continue easing tonight.

WARRILL CREEK:

Moderate to major flooding continues from Kalbar to Amberley, with flood levels now falling.

BREMER RIVER

Minor flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich peaked at 19.4 metres Wednesday afternoon, and is continuing to fall. This peak was around 1.3 metres below the 1974 flood level.

MIDDLE AND LOWER BRISBANE:

Major flooding is rising from the Moggill area to Brisbane City along the Brisbane River.

At Mount Crosby Weir, a major flood peak of 26.2 metres was recorded on Wednesday morning, slightly below the 1974 peak level at this location.

At Moggill, a peak of 17.9 metres was observed during Wednesday afternoon. This was about 2 metres below the 1974 peak at this location.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), flood levels reached 4.2 metres on the 3pm high tide with major flooding. River rises will continue this evening with a peak of about 5.2 metres expected with the high tide at 4am Thursday. This is slightly below to the 1974 flood peak of 5.45 metres. Levels will remain high throughout Thursday.

Predicted River Heights/Flows:

Jindalee: Peak about 13 metres (major) by midnight.

Brisbane City: Peak about 5.2 metres (major) with the high tide at 4am Thursday.

Fall below major flood level during Friday.

Next Issue:

The next warning will be issued at about midnight Wednesday.

Latest River Heights:

Laidley Ck at Showground Weir #	5.46m falling	07:37 PM WED 12/01/11
Laidley Ck at Warrego Hwy *	5.2m falling	05:00 PM WED 12/01/11
Lockyer Ck at Glenore Grove #	9.38m falling	07:37 PM WED 12/01/11
Lockyer Ck at Rifle Range Rd *	16.15m falling	05:40 PM WED 12/01/11

Brisbane R at Savages Crossing *	19.52m falling	05:40 PM WED 12/01/11
Bremer R at Rosewood #	4.32m falling	07:26 PM WED 12/01/11
Bremer R at Walloon DERM *	6.52m falling	05:40 PM WED 12/01/11
Warrill Ck at Amberley DNR *	8.84m falling	05:40 PM WED 12/01/11
Bremer R at Ipswich #	19.05m falling	08:00 PM WED 12/01/11
Brisbane R at Moggill #	17.52m falling	07:20 PM WED 12/01/11
Brisbane R at Jindalee Br #	12.9m rising	07:35 PM WED 12/01/11
Brisbane R at City Gauge #	4.2m steady	08:00 PM WED 12/01/11

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 BROADCASTING.

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
 INCLUDING BRISBANE CITY

Issued at 12:27 AM on Thursday the 13th of January 2011
 by the Bureau of Meteorology, Brisbane.

IPSWICH: Flood levels at Ipswich peaked at 19.4 metres during Wednesday, and are
 beginning to fall. River levels are expected to continue falling into Thursday.

BRISBANE: At 10pm Wednesday, the Brisbane City gauge (lower end of Edward Street
 and at Thornton Street) was 4.2 metres following the high tide. Renewed rises
 with the tide are expected, with a peak under 5 metres expected with the high
 tide at 4am. Levels will remain high throughout Thursday.

This is below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam
 were reduced quickly during Tuesday night.

LOCKYER CREEK:

Major flooding in the lower Lockyer Creek will continue easing into Thursday.

WARRILL CREEK:

Moderate to major flooding continues from Kalbar to Amberley, with flood levels
 now falling.

BREMER RIVER

Minor flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich peaked at 19.4 metres Wednesday afternoon, and is
 continuing to fall. This peak was around 1.3 metres below the 1974 flood level.

MIDDLE AND LOWER BRISBANE:

Major flooding continues from the Mount Crosby area to Brisbane City along the

Brisbane River.

At Mount Crosby Weir, a major flood peak of 26.2 metres was recorded on Wednesday morning, slightly below the 1974 peak level at this location.

At Moggill, a peak of 17.9 metres was observed during Wednesday afternoon. This was about 2 metres below the 1974 peak at this location.

At Jindalee, a peak of 13 metres was observed at about 7pm Wednesday.

At the Brisbane City Gauge (lower end of Edward Street and at Thornton Street), flood levels reached 4.2 metres on the 3pm high tide with major flooding. River rises will continue with a peak under 5 metres expected with the high tide about 4am Thursday. This is below the 1974 flood peak of 5.45 metres. Levels will remain high throughout Thursday.

Predicted River Heights/Flows:

Brisbane City: Peak under 5 metres (major) with the high tide at 4am Thursday.

Fall below major flood level by Friday.

Next Issue:

The next warning will be issued at about 4am Thursday.

Latest River Heights:

Laidley Ck at Laidley	5.1m steady	08:45 AM WED 12/01/11
Laidley Ck at Showground Weir #	5.36m falling	10:31 PM WED 12/01/11
Laidley Ck at Warrego Hwy *	4.85m falling	10:00 PM WED 12/01/11
Lockyer Ck at Glenore Grove #	8.68m falling	11:28 PM WED 12/01/11
Lockyer Ck at Rifle Range Rd *	15.96m falling	08:40 PM WED 12/01/11
Brisbane R at Savages Crossing *	18.48m falling	08:40 PM WED 12/01/11
Bremer R at Rosewood #	4.1m steady	11:26 PM WED 12/01/11
Bremer R at Walloon DERM *	5.59m falling	10:00 PM WED 12/01/11
Warrill Ck at Amberley DNR *	8.48m falling	08:40 PM WED 12/01/11
Bremer R at Ipswich #	18.55m falling	11:34 PM WED 12/01/11
Brisbane R at Moggill #	17.02m falling	11:29 PM WED 12/01/11
Brisbane R at Jindalee Br #	12.75m falling	11:23 PM WED 12/01/11
Brisbane R at City Gauge #	4.25m rising	11:45 PM WED 12/01/11

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Queensland

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PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 3:52 AM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Flood levels at Ipswich are falling strongly, and have fallen below 18 metres around 3am Thursday. River levels will continue falling during Thursday, and drop below major flood level later Thursday.

BRISBANE: At 3:30am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) was 4.45 metres and rising with the high tide. A peak slightly above this level is expected in the next few hours.

This is below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam were reduced quickly during Tuesday night.

LOCKYER CREEK:

Major flooding in the lower Lockyer Creek will continue easing during Thursday.

WARRILL CREEK:

Moderate to major flooding continues from Kalbar to Amberley, with flood levels now falling.

BREMER RIVER

Minor flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich is falling strongly, and has fallen below 18 metres at around 3am Thursday. River levels will continue falling during Thursday.

MIDDLE AND LOWER BRISBANE:

Major flooding continues along the Brisbane River from the Mount Crosby area to Brisbane City.

At Mount Crosby Weir, a major flood peak of 26.2 metres was recorded on Wednesday morning, slightly below the 1974 peak level at this location.

At Moggill, a peak of 17.9 metres was observed during Wednesday afternoon. This was about 2 metres below the 1974 peak at this location.

At Jindalee, a peak of 13 metres was observed at about 7pm Wednesday.

At 3:30am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) was 4.45 metres and rising with the high tide. A peak slightly above this level is expected in the next few hours.

Predicted River Heights/Flows:

Brisbane City: Peak around 4.6 metres (major) with the high tide about 4am Thursday.

Fall below major flood level by Friday.

Next Issue:

The next warning will be issued at about 8am Thursday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.74m falling	02:00 AM THU 13/01/11
Laidley Ck at Laidley	5.1m steady	08:45 AM WED 12/01/11

Laidley Ck at Showground Weir #	5.32m falling	03:25 AM THU 13/01/11
Laidley Ck at Warrego Hwy *	4.68m falling	02:00 AM THU 13/01/11
Lockyer Ck at Glenore Grove #	8.2m falling	03:15 AM THU 13/01/11
Lockyer Ck at Rifle Range Rd *	15.06m falling	02:40 AM THU 13/01/11
Brisbane R at Savages Crossing *	16.7m falling	02:40 AM THU 13/01/11
Bremer R at Rosewood #	3.92m falling	03:14 AM THU 13/01/11
Bremer R at Walloon DERM *	5.01m falling	02:00 AM THU 13/01/11
Warrill Ck at Amberley DNR *	7.71m falling	02:40 AM THU 13/01/11
Bremer R at Ipswich #	17.85m falling	03:16 AM THU 13/01/11
Brisbane R at Moggill #	16.27m falling	03:14 AM THU 13/01/11
Brisbane R at Jindalee Br #	12.45m falling	02:59 AM THU 13/01/11
Brisbane R at City Gauge #	4.45m rising	02:57 AM THU 13/01/11

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

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IDQ20805

Australian Government Bureau of Meteorology
 Queensland

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
 INCLUDING BRISBANE CITY

Issued at 8:40 AM on Thursday the 13th of January 2011
 by the Bureau of Meteorology, Brisbane.

IPSWICH: Flood levels at Ipswich are falling and have fallen below 17 metres at
 8am Thursday. River levels will drop below major flood level overnight.

BRISBANE: At 4am Thursday, the Brisbane City gauge (lower end of Edward Street
 and at Thornton Street) peaked at 4.46 metres. At 8am Thursday, the Brisbane
 City gauge was 4.2 metres and falling. A return to flood levels of around 4.2
 metres is expected with the high tide at 4pm Thursday.

The flood peak was below the 1974 flood peak of 5.45 metres as releases at
 Wivenhoe Dam were reduced quickly during Tuesday night.

LOCKYER CREEK:

Major flooding in the lower Lockyer Creek will continue easing during Thursday.

WARRILL CREEK:

Moderate flooding continues from Kalbar to Amberley, with flood levels now
 falling.

BREMER RIVER

Minor flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich has fallen below 17 metres at 8am Thursday. River
 levels will continue falling during Thursday with levels of about 15 metres

MIDDLE AND LOWER BRISBANE:

Major flooding continues along the Brisbane River from the Mount Crosby area to

Brisbane City.

At Savages Crossing, a major flood peak of 24.1 metres was recorded on Wednesday morning, slightly higher than the 1974 peak level (23.8m) at this location.

At Moggill, a peak of 17.9 metres was observed during Wednesday afternoon. Flood levels of around 14.5 metres are expected by 4pm Thursday.

At Jindalee, a peak of 13 metres was observed at about 7pm Wednesday. Flood levels of around 11 metres are expected by around 4pm Thursday.

At 4am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) peaked at 4.46 metres. Flood levels will recede this morning before rising again to around 4.2 metres with the high tide at 4pm today. Flood levels of around 3.1 metres

Predicted River Heights/Flows:

Ipswich: Fall to around 15 metres by 4pm Thursday, then about 11 metres by 5am Friday.

Moggill: Fall to about 14.5 metres by 4pm Thursday, then about 10 metres by 5am Friday.

Jindalee: Fall to about 11 metres by 4pm Thursday, then about 6 metres by 5am Friday.

Brisbane City: Fall this morning before rising again with the tide to around 4.2 metres by 4pm, then about 3.2 metres with the 5am high tide on Friday.

Next Issue:

The next warning will be issued at about 1pm Thursday.

Latest River Heights:

Laidley Ck at Laidley	5.1m steady	08:45 AM WED 12/01/11
Laidley Ck at Showground Weir #	5.26m falling	06:19 AM THU 13/01/11
Laidley Ck at Warrego Hwy *	4.57m falling	06:00 AM THU 13/01/11
Lockyer Ck at Glenore Grove #	7.84m falling	07:39 AM THU 13/01/11
Lockyer Ck at Rifle Range Rd *	14.46m falling	05:40 AM THU 13/01/11
Brisbane R at Savages Crossing *	16.06m rising	05:40 AM THU 13/01/11
Bremer R at Rosewood #	3.74m falling	07:17 AM THU 13/01/11
Bremer R at Walloon DERM *	4.59m falling	06:00 AM THU 13/01/11
Warrill Ck at Amberley DNR *	7.39m falling	05:40 AM THU 13/01/11
Bremer R at Ipswich #	16.9m falling	07:35 AM THU 13/01/11
Brisbane R at Moggill #	15.27m falling	07:41 AM THU 13/01/11
Brisbane R at Jindalee Br #	11.85m falling	07:32 AM THU 13/01/11
Brisbane R at City Gauge #	4.26m falling	07:24 AM THU 13/01/11

*automatic station

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Queensland

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 12:57 PM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Flood levels at Ipswich are falling and have fallen below 17 metres at 8am Thursday. River levels will drop below major flood level overnight.

BRISBANE: At 4am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) peaked at 4.46 metres. At noon Thursday, the Brisbane City gauge was 3.91 metres steady. A return to flood levels of around 4.2 metres are expected with the high tide at 4pm Thursday.

The flood peak was below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam were reduced quickly during Tuesday night.

LOCKYER CREEK:

Major flooding in the lower Lockyer Creek will continue easing during Thursday.

WARRILL CREEK:

Moderate flooding continues from Kalbar to Amberley, with flood levels now falling.

BREMER RIVER

Minor flooding is easing along the Bremer River from Rosewood to Walloon.

The Bremer River at Ipswich has fallen below 17 metres at 8am Thursday. River levels will continue falling during Thursday with levels of about 15 metres

MIDDLE AND LOWER BRISBANE:

Major flooding continues along the Brisbane River from the Mount Crosby area to Brisbane City.

At Savages Crossing, a major flood peak of 24.1 metres was recorded on Wednesday morning, slightly higher than the 1974 peak level (23.8m) at this location.

At Moggill, a peak of 17.9 metres was observed during Wednesday afternoon. Flood levels of around 10 metres are expected by 5am Friday.

At Jindalee, a peak of 13 metres was observed at about 7pm Wednesday. Flood levels of around 11 metres are expected by around 4pm Thursday.

At 4am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) peaked at 4.46 metres. Flood levels will rise again to around 4.2 metres with the high tide at 4pm today. Flood levels of around 3.2 metres are expected with the high tide at 5am Friday.

Predicted River Heights/Flows:

Ipswich: Fall to around 15 metres by 4pm Thursday, then about 11 metres by 5am Friday.

Moggill: Fall to about 14.5 metres by 4pm Thursday, then about 10 metres by 5am Friday.

Jindalee: Fall to about 11 metres by 4pm Thursday, then about 6 metres by 5am Friday.

Brisbane City: Rise again this afternoon with the tide to around 4.2 metres by 4pm, then about 3.2 metres with the 5am high tide on Friday.

Next Issue:

The next warning will be issued at about 6pm Thursday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.58m falling	11:00 AM THU 13/01/11
Laidley Ck at Showground Weir #	5.22m falling	12:19 PM THU 13/01/11
Laidley Ck at Warrego Hwy *	4.47m falling	11:00 AM THU 13/01/11
Lockyer Ck at Glenore Grove #	7.44m falling	12:35 PM THU 13/01/11
Lockyer Ck at Rifle Range Rd *	13.14m falling	11:40 AM THU 13/01/11
Brisbane R at Savages Crossing *	15.01m rising	11:30 AM THU 13/01/11
Bremer R at Rosewood #	3.52m falling	12:35 PM THU 13/01/11
Bremer R at Walloon DERM *	4.26m falling	11:00 AM THU 13/01/11
Warrill Ck at Amberley DNR *	6.89m falling	11:40 AM THU 13/01/11
Bremer R at Ipswich #	15.6m falling	12:37 PM THU 13/01/11
Brisbane R at Moggill #	14.02m falling	12:41 PM THU 13/01/11
Brisbane R at Jindalee Br #	10.95m falling	12:26 PM THU 13/01/11
Brisbane R at City Gauge #	3.9m falling	12:03 PM THU 13/01/11

*automatic station

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PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 5:41 PM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Flood levels at Ipswich fell below 15 metres at 3pm Thursday. River levels will fall below major flood level overnight.

BRISBANE: At 4am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) peaked at 4.46 metres. At 5pm Thursday the Brisbane City gauge was 3.6 metres and falling, and will continue to fall during Thursday evening.

The flood peak was below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam were reduced quickly during Tuesday night.

LOCKYER CREEK:

Moderate flooding in the lower Lockyer Creek will continue easing during Thursday evening.

WARRILL CREEK:

Moderate flooding continues from Harrisville to Amberley, with flood levels falling steadily.

BREMER RIVER

The Bremer River from Rosewood to Walloon continues to fall and is now below minor flood level.

Major flood levels in the Bremer River at Ipswich continue to fall. The level at Ipswich passed through 15 metres at 2:45 pm Thursday and will fall below major flood level overnight Thursday.

MIDDLE AND LOWER BRISBANE:

Moderate to major flooding continues along the Brisbane River from the Mount Crosby area to Brisbane City.

At Moggill, a peak of 17.9 metres was observed during Wednesday afternoon. Flood levels of around 11 metres are expected by 5am Friday.

The flood level at Jindalee at 5:30pm Thursday was 9.9 metres and continuing to fall.

At 4am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) peaked at 4.46 metres. Flood levels had dropped to 3.75 metres with the high tide at 4pm Thursday. Flood levels of around 3 metres are expected with the high tide at 5am Friday.

Predicted River Heights/Flows:

Ipswich: Fall to around 12 metres by 5am Friday.

Moggill: Fall to about 11 metres by 5am Friday.

Jindalee: Fall to about 7 metres by 5am Friday.

Brisbane City: Fall to about 3 metres with the 5am high tide on Friday.

Next Issue:

The next warning will be issued at about 10pm Thursday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.47m falling	04:00 PM THU 13/01/11
Laidley Ck at Showground Weir #	5.16m falling	05:16 PM THU 13/01/11
Laidley Ck at Warrego Hwy *	4.43m steady	04:00 PM THU 13/01/11
Lockyer Ck at Glenore Grove #	7.12m falling	05:19 PM THU 13/01/11
Lockyer Ck at Rifle Range Rd *	12.54m falling	02:40 PM THU 13/01/11
Brisbane R at Savages Crossing *	14.5m falling	02:30 PM THU 13/01/11
Bremer R at Rosewood #	3.36m falling	05:17 PM THU 13/01/11
Bremer R at Walloon DERM *	4.03m falling	04:00 PM THU 13/01/11
Warrill Ck at Amberley DNR *	6.69m falling	02:40 PM THU 13/01/11
Bremer R at Ipswich #	14.2m falling	05:22 PM THU 13/01/11
Brisbane R at Moggill #	12.77m falling	05:20 PM THU 13/01/11
Brisbane R at Jindalee Br #	9.95m falling	05:14 PM THU 13/01/11
Brisbane R at City Gauge #	3.61m falling	05:24 PM THU 13/01/11

*automatic station

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PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE LOCKYER, BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE INCLUDING BRISBANE CITY

Issued at 10:06 PM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Flood levels at Ipswich fell below 13 metres at 9pm Thursday. River levels will fall below the major flood level (11.7 metres) Friday morning.

BRISBANE: At 4am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) peaked at 4.46 metres. At 9pm Thursday the Brisbane City gauge was 3.06 metres and falling, and will continue to fall overnight Thursday.

The flood peak was below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam were reduced quickly during Tuesday night.

LOCKYER CREEK:

Minor flooding in the lower Lockyer Creek will continue easing overnight Thursday.

WARRILL CREEK:

Minor to moderate flooding continues from Harrisville to Amberley, with flood levels falling steadily.

BREMER RIVER:

Major flood levels in the Bremer River at Ipswich continue to fall. The level at Ipswich passed through 13 metres at 9pm Thursday and will fall below major flood level (11.7 metres) Friday morning.

MIDDLE AND LOWER BRISBANE:

Moderate flooding continues along the Brisbane River from the Mount Crosby area to Brisbane City.

At Moggill, minor flood levels of around 11 metres are expected by 5am Friday.

The flood level at Jindalee at 9:30pm Thursday was 9 metres and continuing to fall with moderate flooding.

At 4am Thursday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) peaked at 4.46 metres. Flood levels of around 2.8 metres are expected with the high tide at 5am Friday.

Predicted River Heights/Flows:

Ipswich: Fall to around 12 metres by 5am Friday. Fall to about 9.5 metres on the 5pm Friday high tide.

Moggill: Fall to about 11 metres by 5am Friday. Fall to about 9.5 metres on the 5pm Friday high tide.

Jindalee: Fall to about 7 metres by 5am Friday. Fall to about 6 metres on the 5pm Friday high tide.

Brisbane City: Fall to about 2.8 metres with the 5am high tide on Friday. Fall below the moderate flood level (2.6 metres) by 5pm Friday with the high tide.

Next Issue:

The next warning will be issued at about 7am Friday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.42m falling	08:00 PM THU 13/01/11
Laidley Ck at Showground Weir #	5.12m steady	08:52 PM THU 13/01/11
Laidley Ck at Warrego Hwy *	4.43m steady	08:00 PM THU 13/01/11
Lockyer Ck at Glenore Grove #	6.86m falling	09:29 PM THU 13/01/11
Lockyer Ck at Rifle Range Rd *	11.29m falling	08:40 PM THU 13/01/11
Brisbane R at Savages Crossing *	14.26m rising	08:30 PM THU 13/01/11
Bremer R at Rosewood #	3.26m falling	09:11 PM THU 13/01/11
Bremer R at Walloon DERM *	3.89m falling	08:00 PM THU 13/01/11
Warrill Ck at Amberley DNR *	6.36m falling	08:40 PM THU 13/01/11
Bremer R at Ipswich #	12.85m falling	09:40 PM THU 13/01/11
Brisbane R at Moggill #	11.62m falling	09:35 PM THU 13/01/11
Brisbane R at Jindalee Br #	8.95m falling	09:32 PM THU 13/01/11
Brisbane R at City Gauge #	3.01m falling	09:24 PM THU 13/01/11

*,# from automatic station

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Queensland

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 7:10 AM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: At 7am Friday, flood levels at Ipswich were 10.4 metres and falling. The rate of fall will continue more slowly during Friday and through the weekend.

BRISBANE: At 6am Thursday the Brisbane City gauge was 2.7 metres and falling and will continue to fall during Friday. The rate of fall is expected to decrease overnight and levels will fall more slowly over the weekend.

WARRILL CREEK:

Minor flooding continues to ease from Harrisville to Amberley.

BREMER RIVER:

Moderate flood levels in the Bremer River continue to fall. At 7am Friday, flood levels at Ipswich were 10.4 metres. The rate of fall will continue more slowly during Friday and through the weekend.

MIDDLE AND LOWER BRISBANE:

Moderate to minor flooding continues along the Brisbane River from the Mount Crosby area to Brisbane City.

At 6am Thursday the Brisbane City gauge was 2.7 metres and falling, and will continue to fall during Friday. The rate of fall is likely to decrease overnight and levels will fall more slowly over the weekend.

Predicted River Heights/Flows:

Ipswich: Fall to about 10.5 metres by 5pm Friday, falling slowly through the weekend.

Jindalee: Fall to about 6 metres today, falling slowly through the weekend.

Brisbane City: Fall below the moderate flood level (2.6 metres) by 5pm Friday with the high tide, falling slowly through the weekend.

Next Issue:

The next warning will be issued at about 1pm Friday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.3m steady	05:00 AM FRI 14/01/11
Laidley Ck at Showground Weir #	5.08m steady	05:52 AM FRI 14/01/11
Laidley Ck at Warrego Hwy *	4.43m steady	05:00 AM FRI 14/01/11
Lockyer Ck at Glenore Grove #	6.5m falling	05:53 AM FRI 14/01/11
Lockyer Ck at Rifle Range Rd *	9.97m falling	05:40 AM FRI 14/01/11
Brisbane R at Savages Crossing *	14.77m falling	05:40 AM FRI 14/01/11
Bremer R at Rosewood #	3.06m falling	05:32 AM FRI 14/01/11
Bremer R at Walloon DERM *	3.61m falling	05:00 AM FRI 14/01/11
Warrill Ck at Amberley DNR *	5.97m falling	05:40 AM FRI 14/01/11
Bremer R at Ipswich #	10.55m falling	05:57 AM FRI 14/01/11
Brisbane R at Moggill #	9.72m falling	05:59 AM FRI 14/01/11
Brisbane R at Jindalee Br #	7.25m falling	05:38 AM FRI 14/01/11
Brisbane R at City Gauge #	2.7m falling	06:00 AM FRI 14/01/11

*automatic station

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Australian Government Bureau of Meteorology
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Correction to Previous Issue

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 8:36 AM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: At 8am Friday, flood levels at Ipswich were 10.25 metres and falling.
The rate of fall will continue more slowly during Friday and through the
weekend.

BRISBANE: At 8am Thursday the Brisbane City gauge was 2.4 metres and falling and
will continue to fall during Friday. The rate of fall is expected to decrease
overnight and levels will fall more slowly over the weekend.

WARRILL CREEK:

Minor flooding continues to ease from Harrisville to Amberley.

BREMER RIVER:

Moderate flood levels in the Bremer River continue to fall. At 8am Friday, flood
levels at Ipswich were 10.25 metres. The rate of fall will continue more slowly
during Friday and through the weekend.

MIDDLE AND LOWER BRISBANE:

Moderate to minor flooding continues along the Brisbane River from the Mount
Crosby area to Brisbane City.

At 8am Friday the Brisbane City gauge was 2.4 metres and falling, and will
continue to fall during Friday. The rate of fall is likely to decrease overnight
and levels will fall more slowly over the weekend.

Predicted River Heights/Flows:

Ipswich: Fall to about 10.5 metres by 5pm Friday, falling slowly
through the weekend.

Jindalee: Fall to about 6 metres today, falling slowly through
the weekend.

Brisbane City: Continue to fall during today and during the weekend.
Some rises with the high tide at about 5pm Friday.

Next Issue:

The next warning will be issued at about 1pm Friday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.28m falling	07:00 AM FRI 14/01/11
Laidley Ck at Showground Weir #	5.08m steady	05:52 AM FRI 14/01/11
Laidley Ck at Warrego Hwy *	4.42m steady	07:00 AM FRI 14/01/11
Lockyer Ck at Glenore Grove #	6.42m falling	08:02 AM FRI 14/01/11
Lockyer Ck at Rifle Range Rd *	9.74m falling	08:20 AM FRI 14/01/11
Brisbane R at Savages Crossing *	14.77m falling	05:40 AM FRI 14/01/11
Bremer R at Rosewood #	3m falling	07:44 AM FRI 14/01/11
Bremer R at Walloon DERM *	3.55m falling	07:00 AM FRI 14/01/11

Warrill Ck at Amberley DNR *	5.89m falling	08:10 AM FRI 14/01/11
Bremer R at Ipswich #	10.2m steady	08:27 AM FRI 14/01/11
Brisbane R at Moggill #	9.37m falling	08:17 AM FRI 14/01/11
Brisbane R at Jindalee Br #	6.95m falling	08:23 AM FRI 14/01/11
Brisbane R at City Gauge #	2.4m falling	08:09 AM FRI 14/01/11

*,# denotes automatic station.

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Queensland

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 1:23 PM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: At 12 noon Friday, flood levels at Ipswich were 9.75 metres and falling. The rate of fall will continue more slowly during Friday and through the weekend.

BRISBANE: At 12 noon Friday the Brisbane City gauge was 1.91 metres and falling. Minor flood levels at the Brisbane City gauge will continue to fall, although there will be fluctuations with the high and low tides.

WARRILL CREEK:

Minor flooding continues to ease from Harrisville to Amberley.

BREMER RIVER:

Moderate flood levels in the lower Bremer River continue to fall. At 12 noon Friday, flood levels at Ipswich were 9.75 metres. The rate of fall will continue more slowly during Friday and through the weekend.

MIDDLE AND LOWER BRISBANE:

Moderate to minor flooding continues along the Brisbane River from the Mount Crosby area to Brisbane City.

At 12 noon Friday the Brisbane City gauge was 1.91 metres and falling. Minor flood levels at the Brisbane City gauge will continue to fall, although there will be fluctuations with the high and low tides.

Predicted River Heights/Flows:

Ipswich: Fall to about 9.5 metres by 5pm Friday, and continue falling slowly through the weekend.

Jindalee: Fall to about 6 metres today, and continue falling slowly through the weekend.

Brisbane City: Rises with the afternoon tide reaching about 2.1 metres by 5 pm Friday.
Rises with the morning high tide reaching about 2.3 metres by 6am Saturday.

Next Issue:

The next warning will be issued at about 5pm Friday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.23m falling	11:00 AM FRI 14/01/11
Laidley Ck at Showground Weir #	5.08m steady	11:52 AM FRI 14/01/11
Laidley Ck at Warrego Hwy *	4.42m steady	11:00 AM FRI 14/01/11
Lockyer Ck at Glenore Grove #	6.32m steady	12:20 PM FRI 14/01/11
Lockyer Ck at Rifle Range Rd *	9.52m falling	11:40 AM FRI 14/01/11
Brisbane R at Savages Crossing *	14.83m falling	11:40 AM FRI 14/01/11
Bremer R at Rosewood #	2.9m falling	12:02 PM FRI 14/01/11
Bremer R at Walloon DERM *	3.43m falling	11:00 AM FRI 14/01/11
Warrill Ck at Amberley DNR *	5.77m falling	11:30 AM FRI 14/01/11
Bremer R at Ipswich #	9.7m falling	12:25 PM FRI 14/01/11
Brisbane R at Moggill #	8.92m falling	12:23 PM FRI 14/01/11
Brisbane R at Jindalee Br #	6.4m falling	12:26 PM FRI 14/01/11
Brisbane R at City Gauge #	1.9m falling	12:12 PM FRI 14/01/11

*# denotes automatic station

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Australian Government Bureau of Meteorology
Queensland

PRIORITY - FOR IMMEDIATE BROADCAST

FLOOD WARNING FOR THE BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 5:04 PM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: At 3:45pm Friday, flood levels at Ipswich were 9.4 metres and falling. The rate of fall will continue more slowly during Friday evening and during the weekend.

BRISBANE: At 4pm Friday the Brisbane City gauge was 2.0 metres and falling. Minor flood levels at the Brisbane City gauge will continue to fall, although there will be fluctuations with the high and low tides.

WARRILL CREEK:

Minor flooding continues to ease from Harrisville to Amberley.

BREMER RIVER:

Moderate flood levels in the lower Bremer River continue to fall. The rate of fall will continue more slowly during Friday evening and during the weekend.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues to ease slowly along the Brisbane River from Savages Crossing to Brisbane City.

At 4pm Friday the Brisbane City gauge was 2.0 metres and falling. Minor flood levels at the Brisbane City gauge will continue to fall, although there will be fluctuations with the high and low tides.

Predicted River Heights/Flows:

Ipswich: Fall below the moderate flood level [9.0] early in the weekend.

Brisbane City: Rises with the Saturday morning high tide reaching about 2.3 metres by 6am Saturday.

Next Issue:

The next warning will be issued at about 8pm Friday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.19m falling	03:00 PM FRI 14/01/11
Laidley Ck at Showground Weir #	5.04m falling	04:31 PM FRI 14/01/11
Laidley Ck at Warrego Hwy *	4.42m steady	03:00 PM FRI 14/01/11
Lockyer Ck at Glenore Grove #	6.16m falling	04:38 PM FRI 14/01/11
Lockyer Ck at Rifle Range Rd *	9.35m falling	02:40 PM FRI 14/01/11
Brisbane R at Savages Crossing *	14.79m falling	02:40 PM FRI 14/01/11
Bremer R at Rosewood #	2.82m falling	04:02 PM FRI 14/01/11
Bremer R at Walloon DERM *	3.31m falling	03:00 PM FRI 14/01/11
Warrill Ck at Amberley DNR *	5.63m steady	03:00 PM FRI 14/01/11
Bremer R at Ipswich #	9.35m falling	04:17 PM FRI 14/01/11
Brisbane R at Moggill #	8.62m falling	04:23 PM FRI 14/01/11
Brisbane R at Jindalee Br #	6.1m steady	04:07 PM FRI 14/01/11
Brisbane R at City Gauge #	2.01m steady	04:01 PM FRI 14/01/11

Warnings and River Height Bulletins are available at

<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 7:25 PM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: At 6:40pm Friday, flood levels at Ipswich were 9.15 metres and falling.

The rate of fall will continue more slowly Friday evening and during the weekend.

BRISBANE: At 7pm Friday the Brisbane City gauge was 1.91 metres and falling. Minor flood levels at the Brisbane City gauge will continue to fall, although there will be fluctuations with the high and low tides.

WARRILL CREEK:

Minor flooding continues to ease from Harrisville to Amberley.

BREMER RIVER:

Moderate flood levels in the lower Bremer River continue to fall. The rate of fall will continue more slowly during Friday evening and during the weekend.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues to ease slowly along the Brisbane River from Savages Crossing to Brisbane City.

At 7pm Friday the Brisbane City gauge was 1.91 metres and falling, after reaching 2.0 metres with the afternoon high tide. Minor flood levels at the Brisbane City gauge will continue to fall, although there will be fluctuations with the high and low tides.

Predicted River Heights/Flows:

Ipswich: Fall below the moderate flood level [9.0] early in the weekend.

Brisbane City: Rises with the Saturday morning high tide reaching about 2.3 metres by 6am Saturday.

Next Issue:

The next warning will be issued at about 8am Saturday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.16m falling	06:00 PM FRI 14/01/11
Laidley Ck at Showground Weir #	5.02m falling	06:34 PM FRI 14/01/11
Laidley Ck at Warrego Hwy *	4.42m steady	06:00 PM FRI 14/01/11
Lockyer Ck at Glenore Grove #	6.1m steady	07:02 PM FRI 14/01/11
Lockyer Ck at Rifle Range Rd *	9.21m falling	05:30 PM FRI 14/01/11
Brisbane R at Savages Crossing *	14.66m falling	05:40 PM FRI 14/01/11
Bremer R at Rosewood #	2.78m falling	06:26 PM FRI 14/01/11
Bremer R at Walloon DERM *	3.23m falling	06:00 PM FRI 14/01/11
Warrill Ck at Amberley DNR *	5.53m falling	05:30 PM FRI 14/01/11
Bremer R at Ipswich #	9.15m falling	06:41 PM FRI 14/01/11
Brisbane R at Moggill #	8.47m falling	06:59 PM FRI 14/01/11
Brisbane R at Jindalee Br #	5.95m steady	07:07 PM FRI 14/01/11
Brisbane R at City Gauge #	1.9m falling	07:01 PM FRI 14/01/11

*# denotes automatic station

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 8:15 AM on Saturday the 15th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Minor flood levels are continuing to ease slowly in the Bremer River at Ipswich.

BRISBANE: At 7am Saturday the Brisbane City gauge was at 2.06 metres with the morning high tide. Minor flood levels at the Brisbane City gauge will ease gradually over the next few days, although there will be fluctuations with the high and low tides.

WARRILL CREEK:

Minor flooding continues to ease in Warrill Creek at Amberley.

BREMER RIVER:

Minor flood levels in the lower Bremer River continue to fall slowly. At 7:30am Saturday, flood levels at Ipswich were 8.45 metres and falling slowly. Flood levels are expected to fall below the minor flood level overnight Sunday.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues to ease slowly along the Brisbane River from Savages Crossing to Brisbane City.

At 7am Saturday the Brisbane City gauge was at 2.06 metres with the morning high tide. Minor flood levels at the Brisbane City gauge will ease gradually over the next few days, although there will be fluctuations with the high and low tides. Levels should fall below minor flood level by next Wednesday.

Predicted River Heights/Flows:

Ipswich: Fall below the minor flood level overnight Sunday

Brisbane City: Rises with the Saturday afternoon high tide reaching about 2.0 metres by 6pm Saturday.

Next Issue:

The next warning will be issued at about 2pm Saturday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.07m steady	06:00 AM SAT 15/01/11
Laidley Ck at Showground Weir #	4.96m steady	05:52 AM SAT 15/01/11
Laidley Ck at Warrego Hwy *	4.42m steady	06:00 AM SAT 15/01/11
Lockyer Ck at Glenore Grove #	5.78m steady	07:15 AM SAT 15/01/11
Lockyer Ck at Rifle Range Rd *	8.64m falling	05:30 AM SAT 15/01/11
Brisbane R at Savages Crossing *	14.57m rising	05:40 AM SAT 15/01/11
Bremer R at Rosewood #	2.58m falling	07:35 AM SAT 15/01/11
Bremer R at Walloon DERM *	3.03m steady	06:00 AM SAT 15/01/11
Warrill Ck at Amberley DNR *	5.12m falling	05:30 AM SAT 15/01/11
Bremer R at Ipswich #	8.45m falling	07:26 AM SAT 15/01/11
Brisbane R at Moggill #	7.92m falling	07:17 AM SAT 15/01/11
Brisbane R at Jindalee Br #	5.45m steady	07:07 AM SAT 15/01/11

Brisbane R at City Gauge # 2.06m steady 07:01 AM SAT 15/01/11

*# denotes automatic station

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BREMER, WARRILL AND BRISBANE RIVER BELOW WIVENHOE
INCLUDING BRISBANE CITY

Issued at 1:38 PM on Saturday the 15th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Minor flood levels are continuing to ease slowly in the Bremer River at
Ipswich.

BRISBANE: At 1pm Saturday the Brisbane City gauge was at 1.3 metres and steady.
Minor flood levels at the Brisbane City gauge will gradually ease over the next
few days, although there will be fluctuations with the high and low tides.

WARRILL CREEK:

Minor flooding continues to ease in Warrill Creek at Amberley.

BREMER RIVER:

Minor flood levels in the lower Bremer River continue to fall slowly. At 12 noon
Saturday, flood levels at Ipswich were 8.45 metres and falling very slowly.
Flood levels are expected to fall below the minor flood level overnight Sunday.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues to ease slowly along the Brisbane River
from Savages Crossing to Brisbane City.

At 1pm Saturday the Brisbane City gauge was at 1.3 metres and steady with the
low tide. Minor flood levels at the Brisbane City gauge will gradually ease over
the next few days, although there will be fluctuations with the high and low
tides. Levels should fall below minor flood level by next Wednesday.

Predicted River Heights/Flows:

Ipswich: Fall below the minor flood level [7.0 metres]
overnight Sunday

Brisbane City: Rises with the Saturday afternoon high tide reaching
about 2.0 metres by 6pm Saturday.

Next Issue:

The next warning will be issued at about 7pm Saturday.

Latest River Heights:

Tenthill Ck at Tenthill *	1.02m falling	12:00 PM SAT 15/01/11
Laidley Ck at Showground Weir #	4.96m steady	11:52 AM SAT 15/01/11
Laidley Ck at Warrego Hwy *	4.42m steady	12:00 PM SAT 15/01/11
Lockyer Ck at Glenore Grove #	5.64m steady	01:11 PM SAT 15/01/11
Lockyer Ck at Rifle Range Rd *	8.39m falling	11:30 AM SAT 15/01/11
Brisbane R at Savages Crossing *	14.51m falling	11:30 AM SAT 15/01/11
Bremer R at Rosewood #	2.5m falling	12:02 PM SAT 15/01/11
Bremer R at Walloon DERM *	2.95m falling	12:00 PM SAT 15/01/11
Warrill Ck at Amberley DNR *	4.92m falling	11:40 AM SAT 15/01/11
Bremer R at Ipswich #	8.45m falling	12:00 PM SAT 15/01/11
Brisbane R at Moggill #	7.82m steady	01:16 PM SAT 15/01/11
Brisbane R at Jindalee Br #	5.25m steady	01:07 PM SAT 15/01/11
Brisbane R at City Gauge #	1.3m steady	01:01 PM SAT 15/01/11

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER BELOW WIVENHOE
Issued at 6:35 PM on Saturday the 15th of January 2011
by the Bureau of Meteorology, Brisbane.

IPSWICH: Minor flood levels are continuing to ease slowly in the Bremer River at Ipswich.

BRISBANE: At 3pm Saturday the Brisbane City gauge was at 1.4 metres. Minor flood levels at the Brisbane City gauge will gradually ease over the next few days, although there will be fluctuations with the high and low tides.

WARRILL CREEK:
Minor flooding continues to ease in Warrill Creek at Amberley.

BREMER RIVER:
Minor flood levels in the lower Bremer River continue to fall slowly. At 3pm Saturday, flood levels at Ipswich were 8.35 metres and falling very slowly. Flood levels are expected to fall below the minor flood level overnight Sunday.

MIDDLE AND LOWER BRISBANE:
Minor to moderate flooding continues to ease slowly along the Brisbane River from Savages Crossing to Brisbane City.

At 3pm Saturday the Brisbane City gauge was at 1.4 metres and steady with the low tide. Minor flood levels at the Brisbane City gauge will gradually ease over the next few days, although there will be fluctuations with the high and low tides. Levels should fall below minor flood level by next Wednesday.

Predicted River Heights/Flows:

Ipswich: Fall below the minor flood level [7.0 metres]
overnight Sunday

Brisbane City: Rises with the Sunday morning high tide up to
about 2.2 metres.

Next Issue:

The next warning will be issued at about 8am Sunday.

Latest River Heights:

Bremer R at Walloon DERM *	2.9m steady	05:00 PM SAT 15/01/11
Warrill Ck at Amberley DNR *	4.76m falling	05:30 PM SAT 15/01/11
Bremer R at Ipswich #	8.3m steady	05:27 PM SAT 15/01/11
Brisbane R at Moggill #	7.72m rising	06:05 PM SAT 15/01/11
Brisbane R at Jindalee Br #	5.15m falling	04:38 PM SAT 15/01/11
Brisbane R at City Gauge #	1.61m rising	05:18 PM SAT 15/01/11

*automatic station

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER BELOW WIVENHOE
Issued at 7:22 AM on Sunday the 16th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding continues to slowly ease in the Bremer River at Ipswich. Minor flood levels at the Brisbane City gauge will gradually ease over the next few days, although there will be fluctuations with the high and low tides. At 7am Sunday the Brisbane City gauge was at 1.95 metres (minor) and rising with the high tide.

WARRILL CREEK:

Minor flooding continues to slowly ease in Warrill Creek at Amberley.

BREMER RIVER:

Minor flooding continues to slowly ease in the lower Bremer River. At 5:30am Sunday, the river level at Ipswich was 8.00 metres and falling very slowly. Flood levels are expected to ease below the minor flood level during the next few days.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues to ease slowly along the Brisbane River from Savages Crossing to Brisbane City.

At 7am Sunday the Brisbane City gauge was at 1.95 metres and rising with the high tide. Minor flood levels at the Brisbane City gauge will gradually ease over the next few days, although there will be fluctuations with the high and low tides. Levels should fall below the minor flood level by Wednesday.

Predicted River Heights/Flows:

Ipswich: Fall below the minor flood level [7.0 metres] during Monday.

Brisbane City: Rises and minor flooding continues with the fluctuating high tide during the next few days. Fall below the minor flood level [1.7 metres] by Wednesday.

Next Issue:

The next warning will be issued at about 8am Monday.

Latest River Heights:

Lockyer Ck at Rifle Range Rd *	7.64m falling	05:30 AM	SUN 16/01/11
Brisbane R at Savages Crossing *	14.5m steady	05:40 AM	SUN 16/01/11
Bremer R at Rosewood #	2.32m falling	06:00 AM	SUN 16/01/11
Warrill Ck at Amberley DNR *	4.42m falling	05:40 AM	SUN 16/01/11
Bremer R at Ipswich #	8m steady	05:26 AM	SUN 16/01/11
Brisbane R at Moggill #	7.52m steady	04:16 AM	SUN 16/01/11
Brisbane R at Jindalee Br #	5m rising	05:59 AM	SUN 16/01/11
Brisbane R at City Gauge #	1.9m rising	06:27 AM	SUN 16/01/11

*,# denotes automatic station.

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER BELOW WIVENHOE

Issued at 7:33 AM on Monday the 17th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding continues to slowly ease in the Bremer River at Ipswich. Minor flood levels at the Brisbane City gauge will gradually ease over the next few days, although there will be fluctuations with the high and low tides. At 7am Monday the Brisbane City gauge was at 1.96 metres (minor) and rising with the high tide.

BREMER RIVER:

Minor flooding continues to slowly ease in the lower Bremer River. At 5:50am Monday, the river level at Ipswich was 7.80 metres and falling very slowly.

Flood levels are expected to ease below the minor flood level during the next few days.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues to ease slowly along the Brisbane River from Savages Crossing to Brisbane City.

At 7am Monday the Brisbane City gauge was at 1.96 metres and rising with the high tide. Minor flood levels at the Brisbane City gauge will gradually ease over the next few days, although there will be fluctuations with the high and low tides. Levels should fall below the minor flood level by Wednesday.

Predicted River Heights/Flows:

Ipswich: Fall below the minor flood level [7.0 metres] during Monday/Tuesday.

Brisbane City: Rises and minor flooding continues with the fluctuating high tide during the next few days. Fall below the minor flood level [1.7 metres] by Wednesday.

Next Issue:

The next warning will be issued at about 4pm Monday.

Latest River Heights:

Laidley Ck at Showground Weir #	4.84m steady	05:52 AM MON 17/01/11
Laidley Ck at Warrego Hwy *	4.42m steady	06:00 AM MON 17/01/11
Lockyer Ck at Glenore Grove #	5.04m steady	07:02 AM MON 17/01/11
Lockyer Ck at Rifle Range Rd *	6.92m falling	05:40 AM MON 17/01/11
Brisbane R at Savages Crossing *	14.39m rising	05:40 AM MON 17/01/11
Brisbane R at Mt Crosby #	16.42m falling	07:09 AM MON 17/01/11
Bremer R at Rosewood #	2.1m falling	06:59 AM MON 17/01/11
Bremer R at Walloon DERM *	2.6m steady	06:00 AM MON 17/01/11
Warrill Ck at Amberley DNR *	3.88m falling	05:10 AM MON 17/01/11
Bremer R at Ipswich #	7.85m rising	07:13 AM MON 17/01/11
Brisbane R at Moggill #	7.37m steady	07:16 AM MON 17/01/11
Brisbane R at Jindalee Br #	4.85m steady	07:07 AM MON 17/01/11
Brisbane R at City Gauge #	1.96m rising	07:03 AM MON 17/01/11

*,# denotes automatic station.

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE BRISBANE RIVER BELOW WIVENHOE
Issued at 3:27 PM on Monday the 17th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding continues in the Bremer River at Ipswich. Minor flood levels at the Brisbane City gauge will gradually ease with tidal fluctuations.

BREMER RIVER:

Minor flooding continues in the lower Bremer River at Ipswich. At 2:30pm Monday, the river level at Ipswich was 8 metres. Flood levels are expected to fall below the minor flood level during Tuesday.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues along the Brisbane River from Savages Crossing to Brisbane City.

Minor flood levels at the Brisbane City gauge will continue to ease with tidal fluctuations. Levels are expected to fall below the minor flood level by Wednesday.

Predicted River Heights/Flows:

Ipswich: Fall below the minor flood level (7 metres) during Tuesday.

Brisbane City: Minor flood levels will continue with the morning high tide on Tuesday. Fall below the minor flood level (1.7 metres) by Wednesday.

Next Issue:

The next warning will be issued at about 9am Tuesday.

Latest River Heights:

Tenthill Ck at Tenthill *	0.76m steady	02:00 PM MON 17/01/11
Laidley Ck at Showground Weir #	4.88m steady	02:52 PM MON 17/01/11
Laidley Ck at Warrego Hwy *	2.13m falling	02:00 PM MON 17/01/11
Lockyer Ck at Glenore Grove #	4.94m falling	03:08 PM MON 17/01/11
Lockyer Ck at Rifle Range Rd *	6.76m falling	11:20 AM MON 17/01/11
Brisbane R at Savages Crossing *	14.01m falling	03:00 PM MON 17/01/11
Bremer R at Rosewood #	2.02m steady	02:26 PM MON 17/01/11
Bremer R at Walloon DERM *	2.55m steady	02:00 PM MON 17/01/11
Warrill Ck at Amberley DNR *	3.77m falling	11:20 AM MON 17/01/11
Bremer R at Ipswich #	8m steady	02:26 PM MON 17/01/11
Brisbane R at Moggill #	7.32m falling	03:10 PM MON 17/01/11
Brisbane R at Jindalee Br #	4.85m falling	02:10 PM MON 17/01/11
Brisbane R at City Gauge #	0.95m falling	02:30 PM MON 17/01/11

*automatic station

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IDQ20805

Australian Government Bureau of Meteorology

Queensland

FLOOD WARNING FOR THE BRISBANE RIVER BELOW WIVENHOE
Issued at 8:36 AM on Tuesday the 18th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor to moderate flooding continues to ease along the middle reach of the Brisbane River between Savages Crossing and the Mt Crosby Crossing. Minor flood levels at the Brisbane City gauge will gradually ease with tidal fluctuations.

BREMER RIVER:

River levels have eased below minor along the lower Bremer River. At 8:10am Tuesday, the river level at Ipswich was 6.45 metres and falling.

MIDDLE AND LOWER BRISBANE:

Minor to moderate flooding continues along the Brisbane River from Savages Crossing to Brisbane City.

Minor flood levels at the Brisbane City gauge will continue to ease with tidal fluctuations. Levels are expected to fall below the minor flood level by Wednesday.

Predicted River Heights/Flows:

Brisbane City: Minor flood levels will continue with the morning high tide on Tuesday. Fall below the minor flood level (1.7 metres) by Wednesday.

Weather Forecast:

A shower or two and the chance of a thunderstorm during the afternoon and evening.

Next Issue:

The next warning will be issued at about 9am Wednesday.

Latest River Heights:

Lockyer Ck at Glenore Grove #	4.78m steady	07:02 AM TUE 18/01/11
Lockyer Ck at Rifle Range Rd *	6.33m falling	06:00 AM TUE 18/01/11
Brisbane R at Savages Crossing *	11.31m falling	06:30 AM TUE 18/01/11
Bremer R at Rosewood #	1.96m falling	06:41 AM TUE 18/01/11
Bremer R at Walloon DERM *	2.45m steady	07:00 AM TUE 18/01/11
Warrill Ck at Amberley DNR *	3.51m steady	06:20 AM TUE 18/01/11
Bremer R at Ipswich #	6.45m falling	08:08 AM TUE 18/01/11
Brisbane R at Moggill #	5.92m falling	08:10 AM TUE 18/01/11
Brisbane R at Jindalee Br #	4.05m steady	07:07 AM TUE 18/01/11
Brisbane R at City Gauge #	1.96m rising	07:57 AM TUE 18/01/11

*,# denotes automatic station.

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Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE BRISBANE RIVER BELOW WIVENHOE
Issued at 8:18 AM on Wednesday the 19th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding is falling fast at Mt Crosby and levels will drop below minor this morning. Elsewhere in the catchment, river levels are now below minor flood heights.

Next Issue:

This is the final warning. River height bulletins will continue to be issued.

Latest River Heights:

Tenthill Ck at Tenthill *	2.15m falling	07:00 AM WED 19/01/11
Laidley Ck at Showground Weir #	4.86m falling	06:31 AM WED 19/01/11
Laidley Ck at Warrego Hwy *	2.08m rising	07:00 AM WED 19/01/11
Lockyer Ck at Glenore Grove #	4.8m steady	08:15 AM WED 19/01/11
Lockyer Ck at Rifle Range Rd *	5.89m steady	07:10 AM WED 19/01/11
Brisbane R at Savages Crossing *	7.53m falling	07:10 AM WED 19/01/11
Bremer R at Rosewood #	1.86m falling	07:56 AM WED 19/01/11
Bremer R at Walloon DERM *	2.39m steady	07:00 AM WED 19/01/11
Warrill Ck at Amberley DNR *	3.68m rising	07:10 AM WED 19/01/11
Bremer R at Ipswich #	3.15m falling	08:05 AM WED 19/01/11
Brisbane R at Moggill #	2.82m falling	07:43 AM WED 19/01/11
Brisbane R at Jindalee Br #	2.05m rising	08:13 AM WED 19/01/11
Brisbane R at City Gauge #	1.65m rising	08:14 AM WED 19/01/11

*automatic station

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IDQ20805

Australian Government Bureau of Meteorology
Queensland

PRIORITY

PRELIMINARY FLOOD WARNING FOR THE LOCKYER, WESTERN AND WARRILL CREEKS AND THE
BREMER RIVER

Issued at 7:38 PM on Wednesday the 19th of January 2011
by the Bureau of Meteorology, Brisbane.

Thunderstorms during Wednesday afternoon and early evening are producing
isolated rainfall rates of up to 65mm an hour across some of the tributaries of
the Lockyer and Warrill Creeks and the Bremer River, which may result in flash
flooding to some of these smaller creeks and streams during Wednesday evening.
Fast stream rises have been observed in Tenthill Creek and in Western Creek.

The thunderstorm has become fast moving and is currently approaching the Ipswich area. Very heavy rainfall rates have also been observed in the Teviot Brook in the Logan catchment.

Next Issue:

The next warning will be issued at about 8:30pm Wednesday.

Latest River Heights:

Tenthill Ck at Tenthill *	2.92m rising	06:30 PM WED 19/01/11
Laidley Ck at Showground Weir #	4.86m rising	06:43 PM WED 19/01/11
Laidley Ck at Warrego Hwy *	1.95m falling	06:00 PM WED 19/01/11
Lockyer Ck at Glenore Grove #	4.78m rising	07:03 PM WED 19/01/11
Lockyer Ck at Rifle Range Rd *	6m falling	05:40 PM WED 19/01/11
Brisbane R at Savages Crossing *	4.14m falling	05:30 PM WED 19/01/11
Bremer R at Rosewood #	2.06m rising	07:08 PM WED 19/01/11
Bremer R at Walloon DERM *	2.35m steady	06:00 PM WED 19/01/11
Warrill Ck at Amberley DNR *	3.49m falling	05:40 PM WED 19/01/11
Bremer R at Ipswich #	1.75m falling	07:08 PM WED 19/01/11
Brisbane R at Moggill #	1.12m falling	07:13 PM WED 19/01/11
Brisbane R at Jindalee Br #	0.75m rising	07:13 PM WED 19/01/11
Brisbane R at City Gauge #	0.5m rising	07:05 PM WED 19/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOCKYER, WESTERN AND WARRILL CREEKS AND THE BREMER RIVER
Issued at 8:39 PM on Wednesday the 19th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall totals of between 30mm to 60mm have been recorded during the 3 hours to 8:30pm Wednesday, with the thunderstorms currently in the Brisbane City and Northern Suburbs and in the Strathpine areas. Streams rises and some minor flooding is expected during this evening in the tributaries of the Lockyer and Warrill Creeks and the Bremer River.

Strong rises and moderate flooding is occurring in Western Creek at Grandchester, with continued rises and major flooding expected. Fast stream rises are expected in the Ipswich and Brisbane Creeks, which may result in some minor flooding during this evening.

Next Issue:

The next warning will be issued at about 10:30pm Wednesday.

Latest River Heights:

Tenthill Ck at Tenthill *	2.81m falling	07:20 PM WED 19/01/11
Laidley Ck at Showground Weir #	5.12m rising	08:19 PM WED 19/01/11

Laidley Ck at Warrego Hwy *	1.95m steady	07:00 PM WED 19/01/11
Lockyer Ck at Glenore Grove #	4.78m rising	07:03 PM WED 19/01/11
Lockyer Ck at Rifle Range Rd *	6m falling	05:40 PM WED 19/01/11
Brisbane R at Savages Crossing *	4.14m falling	05:30 PM WED 19/01/11
Bremer R at Rosewood #	2.22m rising	08:26 PM WED 19/01/11
Bremer R at Walloon DERM *	2.34m steady	07:00 PM WED 19/01/11
Warrill Ck at Amberley DNR *	3.49m falling	05:40 PM WED 19/01/11
Bremer R at Ipswich #	1.6m steady	08:26 PM WED 19/01/11
Brisbane R at Moggill #	1.02m falling	07:49 PM WED 19/01/11
Brisbane R at Jindalee Br #	1.1m rising	08:22 PM WED 19/01/11
Brisbane R at City Gauge #	0.86m rising	07:59 PM WED 19/01/11

* denotes automatic station.

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 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE LOCKYER, WESTERN AND WARRILL CREEKS AND THE BREMER RIVER
 Issued at 10:40 PM on Wednesday the 19th of January 2011
 by the Bureau of Meteorology, Brisbane.

Widespread rainfall totals of between 30mm to 60mm have been recorded with the
 thunderstorms during Wednesday afternoon and early evening. Streams rises are
 being recorded during this Wednesday evening along Lockyer and Warrill Creeks
 and the Bremer River.

Moderate flooding is rising fast in Laidley Creek at Showground Weir, with
 moderate flood levels easing in Western Creek at Grandchester. Stream rises are
 also being recorded in some of the Ipswich and Brisbane Creeks, including Oxley
 and Deebing Creek, and in Cabbage Tree and Downfall Creeks and Kedron Brook.

Streams levels are expected to slowly ease overnight.

Next Issue:

The next warning will be issued at about 9am Thursday, or earlier if the
 situation deteriorates.

Latest River Heights:

Tenthill Ck at Tenthill *	2.61m falling	09:00 PM WED 19/01/11
Laidley Ck at Showground Weir #	7.2m rising	10:19 PM WED 19/01/11
Laidley Ck at Warrego Hwy *	2.6m rising	09:30 PM WED 19/01/11
Lockyer Ck at Glenore Grove #	4.86m rising	10:19 PM WED 19/01/11
Lockyer Ck at Rifle Range Rd *	6.39m rising	08:40 PM WED 19/01/11
Brisbane R at Savages Crossing *	4.25m rising	08:30 PM WED 19/01/11
Western Ck at Grandchester #	4.23m falling	10:19 PM WED 19/01/11
Bremer R at Five Mile Br Walloon #	2.58m rising	10:17 PM WED 19/01/11
Bremer R at Rosewood #	2.3m rising	10:05 PM WED 19/01/11
Bremer R at Walloon DERM *	2.89m rising	09:30 PM WED 19/01/11
Warrill Ck at Amberley DNR *	3.65m rising	08:40 PM WED 19/01/11

Bremer R at Ipswich #	1.65m rising	10:15 PM WED 19/01/11
Brisbane R at Moggill #	1.32m steady	10:15 PM WED 19/01/11
Brisbane R at Jindalee Br #	1.5m steady	10:07 PM WED 19/01/11
Brisbane R at City Gauge #	1.15m falling	10:02 PM WED 19/01/11

*,# denotes automatic stations.

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TO::BOM615

IDQ20805

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOCKYER, LAIDLEY, WESTERN AND WARRILL CREEKS AND THE BREMER RIVER

Issued at 11:33 PM on Wednesday the 19th of January 2011
by the Bureau of Meteorology, Brisbane.

Widespread rainfall totals of between 30mm to 80mm have been recorded with the thunderstorms during Wednesday afternoon and early evening. Fast streams rises are being recorded during Wednesday evening along Lockyer and Warrill Creeks and the Bremer River.

Major flooding is occurring in Laidley Creek, with minor flooding expected downstream along Lockyer Creek overnight. Minor flood levels are easing in Western Creek at Grandchester, with minor flooding expected downstream at Rosewood. Creek rises and minor flooding is expected overnight in Warrill Creek at Amberley.

Stream rises and some minor flooding are also being recorded in some of the Ipswich and Brisbane Creeks, including Oxley, Woogaroo, Stable Swamp and Deebing Creeks, and in Cabbage Tree and Downfall Creeks and Kedron Brook.

Streams levels are expected to slowly ease overnight.

Next Issue:

The next warning will be issued at about 9am Thursday, or earlier if the situation deteriorates.

Latest River Heights:

Tenthill Ck at Tenthill *	2.64m rising	10:00 PM WED 19/01/11
Laidley Ck at Laidley	7.6m rising	10:30 PM WED 19/01/11
Laidley Ck at Showground Weir #	8.22m rising	11:10 PM WED 19/01/11
Laidley Ck at Warrego Hwy *	2.97m rising	10:30 PM WED 19/01/11
Lockyer Ck at Glenore Grove #	5.08m rising	11:11 PM WED 19/01/11
Lockyer Ck at Rifle Range Rd *	6.39m rising	08:40 PM WED 19/01/11
Brisbane R at Savages Crossing *	4.25m rising	08:30 PM WED 19/01/11
Western Ck at Grandchester #	3.28m falling	11:13 PM WED 19/01/11
Bremer R at Five Mile Br Walloon #	2.8m rising	11:05 PM WED 19/01/11
Bremer R at Rosewood #	2.44m rising	11:11 PM WED 19/01/11
Bremer R at Walloon DERM *	3.5m rising	10:30 PM WED 19/01/11
Warrill Ck at Amberley DNR *	3.65m rising	08:40 PM WED 19/01/11

Bremer R at Ipswich #	1.9m rising	11:06 PM WED 19/01/11
Brisbane R at Moggill #	1.37m rising	10:22 PM WED 19/01/11
Brisbane R at Jindalee Br #	1.45m falling	11:01 PM WED 19/01/11
Brisbane R at City Gauge #	0.86m falling	11:11 PM WED 19/01/11

*,# denotes automatic station.

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public and satellite phones.

FLDWARN for the Logan Albert R basin

6 January 2011 to 19 January 2011

TO::BOM618

IDQ20815

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOGAN AND ALBERT RIVERS

Issued at 12:24 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

The rainfall in the catchments of the Logan and Albert Rivers has continued to ease, with no significant rainfall totals in the last three hours.

River levels along the Albert River have continued to ease overnight Tuesday, with river levels currently at or below the minor flood level.

Major flooding is occurring in the Upper Logan River at Rathdowney with the river expected to fall below the major flood level Wednesday morning.

Teviot Bk at Boonah is above the major flood level and falling.

Moderate flooding is occurring in the Lower Logan River at Yarrahappini and South Maclean but levels are expected to remain below minor flood level at Waterford.

Next Issue:

The next warning will be issued at about 11am Wednesday.

Latest River Heights:

Palen Ck at Ward Road *	3.15m falling	08:30 PM TUE 11/01/11
Albert R at Lumeah #	3.26m falling	10:59 PM TUE 11/01/11
Cainbale Creek at Dam Site *	1.71m falling	08:30 PM TUE 11/01/11
Albert R at Beaudesert PS *	6.88m falling	02:20 PM TUE 11/01/11
Canungra Ck at Benobble #	2.04m falling	10:57 PM TUE 11/01/11
Albert R at Bromfleet #	11.02m falling	11:08 PM TUE 11/01/11
Albert R at Wolffdene #	6.89m rising	10:48 PM TUE 11/01/11
Burnett Ck at Maroon Dam Inflow	2.97m falling	12:20 PM TUE 11/01/11
Burnett Ck at Maroon Dam #	209.87m rising	10:56 PM TUE 11/01/11
Logan R at Rathdowney #	9.7m falling	11:06 PM TUE 11/01/11
Running Ck at Dieckmans Br #	2.69m falling	10:52 PM TUE 11/01/11
Logan R at Dulbolla	11.1m rising slowly	06:00 PM TUE 11/01/11
Christmas Ck at Rudds Lane #	0.06m falling	10:46 PM TUE 11/01/11
Christmas Ck at Tramway Lane *	4.77m falling	09:00 PM TUE 11/01/11
Logan R at Round Mountain #	13.67m falling	11:04 PM TUE 11/01/11
Logan R at Bromelton Weir TW *	12.67m falling	08:20 PM TUE 11/01/11
Logan R at Beaudesert #	5.09m falling	11:02 PM TUE 11/01/11
Bromelton Dam #	44.34m steady	09:37 PM TUE 11/01/11
Teviot Bk at Croftby #	3.68m falling	08:07 PM TUE 11/01/11
Teviot Bk at Boonah #	7.1m falling	08:43 PM TUE 11/01/11
Logan R at Yarrahappini #	14.22m rising	11:07 PM TUE 11/01/11
Logan R at Maclean Br	13.82m rising	09:00 PM TUE 11/01/11
Logan R at Waterford	5.1m steady	07:45 PM TUE 11/01/11

*,# automatic station

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telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
public and satellite phones.

TO::BOM618

IDQ20815

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOGAN AND ALBERT RIVERS
Issued at 10:01 AM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall has now eased over the catchment with only isolated showers forecast
for Wednesday.

Minor flooding is easing on the Albert River at Wolfdene.

Moderate flooding is easing along the Upper Logan River between Rathdowney and
Round Mountain.

Major flooding is easing on Teviot Brook at Boonah.

Moderate flooding is occurring in the Lower Logan River at Yarrahappini and
South Maclean with minor flooding developing at Waterford later Wednesday.

Predicted River Heights/Flows:
Waterford: Peak around 6.4 metres (minor) later Wednesday.

Next Issue:
The next warning will be issued at about 2pm Wednesday.

Latest River Heights:

Albert R at Bromfleet #	8.17m falling	09:07 AM WED 12/01/11
Albert R at Bromfleet *	8.39m falling	08:40 AM WED 12/01/11
Albert R at Wolffdene #	6.69m falling	08:51 AM WED 12/01/11
Logan R at Forest Home *	2.5m falling	08:30 AM WED 12/01/11
Burnett Ck at Maroon Dam Inflow	2m falling	08:00 AM WED 12/01/11
Burnett Ck at Maroon Dam #	209.95m steady	07:03 AM WED 12/01/11
Logan R at Rathdowney #	6.1m falling	09:04 AM WED 12/01/11
Logan R at Rathdowney *	6.36m falling	08:40 AM WED 12/01/11
Running Ck at Dieckmans Br #	2.19m falling	08:32 AM WED 12/01/11
Running Ck at Dieckmans Br *	2.23m falling	08:00 AM WED 12/01/11
Logan R at Dulbolla	11.1m rising slowly	06:00 PM TUE 11/01/11
Christmas Ck at Rudds Lane #	0.01m steady	11:31 PM TUE 11/01/11
Christmas Ck at Tramway Lane *	3.45m falling	08:00 AM WED 12/01/11
Logan R at Round Mountain *	11.8m falling	08:40 AM WED 12/01/11
Logan R at Round Mountain #	11.52m falling	08:59 AM WED 12/01/11
Logan R at Bromelton Weir TW *	12.7m falling	08:20 AM WED 12/01/11
Logan R at Beaudesert #	4.39m falling	09:07 AM WED 12/01/11
Bromelton Dam #	44.35m steady	08:57 AM WED 12/01/11
Teviot Bk at Croftby *	1.92m falling	07:00 AM WED 12/01/11

Teviot Bk at Boonah #	7.1m falling	08:43 PM TUE 11/01/11
Logan R at Yarrahappini *	15.28m rising	08:30 AM WED 12/01/11
Logan R at Yarrahappini #	14.97m falling	08:32 AM WED 12/01/11
Logan R at South Maclean *	13.35m rising	08:30 AM WED 12/01/11
Logan R at Maclean Br	14.94m rising	09:00 AM WED 12/01/11
Logan R at Waterford	5.75m rising slowly	06:00 AM WED 12/01/11
Logan R at Waterford #	5.95m rising	09:11 AM WED 12/01/11

* denotes automatic station.

Warnings and River Height Bulletins are available at
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 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

TO::BOM618

IDQ20815

Australian Government Bureau of Meteorology
 Queensland

FLOOD WARNING FOR THE LOGAN AND ALBERT RIVERS

Issued at 2:06 PM on Wednesday the 12th of January 2011
 by the Bureau of Meteorology, Brisbane.

Minor flooding has generally eased along the Albert River.

Moderate flooding is easing along the Upper Logan River between Rathdowney and Round Mountain.

Minor flooding is easing on Teviot Brook at Boonah.

Moderate flooding is nearing a peak in the Lower Logan River around the Yarrahappini to South Maclean area with minor flooding increasing at Waterford during Wednesday. At 1:40pm, the river level at Waterford was 6.2 metres and rising.

Predicted River Heights/Flows:

Waterford: Peak around 6.4 metres (minor) later Wednesday.

Next Issue:

The next warning will be issued at about 8pm Wednesday.

Latest River Heights:

Albert R at Beaudesert PS *	6.88m falling	02:20 PM TUE 11/01/11
Canungra Ck at Benobble #	1.34m falling	01:20 PM WED 12/01/11
Canungra Ck at Benobble *	2.99m falling	02:20 PM TUE 11/01/11
Albert R at Bromfleet #	7.02m falling	01:30 PM WED 12/01/11
Albert R at Wolffdene #	5.99m falling	01:21 PM WED 12/01/11
Logan R at Forest Home *	2.41m rising	11:20 AM WED 12/01/11
Burnett Ck at Maroon Dam Inflow	1.94m falling	12:00 PM WED 12/01/11
Burnett Ck at Maroon Dam #	209.93m steady	01:03 PM WED 12/01/11
Logan R at Rathdowney #	5.35m falling	01:25 PM WED 12/01/11
Running Ck at Dieckmans Br #	1.99m falling	01:22 PM WED 12/01/11
Logan R at Dulbolla	11.1m rising slowly	06:00 PM TUE 11/01/11

Christmas Ck at Rudds Lane #	0.01m steady	11:31 PM TUE 11/01/11
Christmas Ck at Tramway Lane *	3.2m falling	12:00 PM WED 12/01/11
Logan R at Round Mountain #	9.87m falling	01:32 PM WED 12/01/11
Logan R at Bromelton Weir TW *	11.11m falling	12:00 PM WED 12/01/11
Logan R at Beaudesert #	4.24m falling	12:14 PM WED 12/01/11
Bromelton Dam #	44.34m steady	12:18 PM WED 12/01/11
Teviot Bk at Croftby #	1.68m falling	01:02 PM WED 12/01/11
Teviot Bk at Boonah #	4.45m falling	01:30 PM WED 12/01/11
Logan R at Yarrahappini #	15.12m steady	01:38 PM WED 12/01/11
Logan R at South Maclean *	13.4m falling	11:45 AM WED 12/01/11
Logan R at Maclean Br	15.14m rising	11:00 AM WED 12/01/11
Logan R at Waterford	6.05m rising slowly	12:15 PM WED 12/01/11
Logan R at Waterford #	6.2m falling	01:37 PM WED 12/01/11

*, # denotes automatic station.

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM618

IDQ20815

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOGAN AND ALBERT RIVERS

Issued at 7:35 PM on Wednesday the 12th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding has generally eased along the Albert River.

Moderate flooding is easing along the Upper Logan River between Rathdowney and Round Mountain.

Minor flooding is easing on Teviot Brook at Boonah.

Moderate flooding has peaked in the Lower Logan River around the Yarrahappini to South Maclean area. Macleans Bridge is currently peaking around 15.5 metres. At 7pm, the river level at Waterford was 6.5 metres and rising.

Predicted River Heights/Flows:

Waterford: Peak around 7.0 metres (minor) Thursday.

Next Issue:

The next warning will be issued at about 9am Thursday.

Latest River Heights:

Palen Ck at Ward Road *	1.91m falling	05:10 PM WED 12/01/11
Albert R at Lumeah #	2.06m falling	06:39 PM WED 12/01/11
Cainbale Creek at Dam Site *	1.33m falling	05:00 PM WED 12/01/11
Canungra Ck at Benobble #	1.19m falling	07:00 PM WED 12/01/11
Albert R at Bromfleet #	5.82m falling	07:07 PM WED 12/01/11
Albert R at Wolffdene #	4.74m falling	07:04 PM WED 12/01/11

Logan R at Forest Home *	2.21m falling	05:00 PM WED 12/01/11
Burnett Ck at Maroon Dam Inflow	1.87m falling	05:00 PM WED 12/01/11
Burnett Ck at Maroon Dam #	209.89m steady	07:03 PM WED 12/01/11
Logan R at Rathdowney #	4.75m falling	06:55 PM WED 12/01/11
Running Ck at Dieckmans Br #	1.94m steady	05:29 PM WED 12/01/11
Christmas Ck at Tramway Lane *	2.89m falling	05:00 PM WED 12/01/11
Logan R at Round Mountain #	8.52m falling	07:14 PM WED 12/01/11
Logan R at Bromelton Weir TW *	8.84m falling	05:40 PM WED 12/01/11
Logan R at Beaudesert #	4.19m rising	06:34 PM WED 12/01/11
Bromelton Dam #	44.35m steady	06:18 PM WED 12/01/11
Teviot Bk at Croftby #	1.53m falling	06:27 PM WED 12/01/11
Teviot Bk at Boonah #	3.95m falling	07:07 PM WED 12/01/11
Logan R at Yarrahappini #	14.82m falling	07:01 PM WED 12/01/11
Logan R at South Maclean *	13.77m rising	04:15 PM WED 12/01/11
Logan R at Maclean Br	15.6m rising slowly	06:00 PM WED 12/01/11
Logan R at Waterford	6.4m rising slowly	06:00 PM WED 12/01/11

*, # denotes automatic station.

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TO::BOM618

IDQ20815

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOGAN RIVER

Issued at 6:32 AM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor to moderate flooding is easing along the Logan River between Rathdowney and Round Mountain, and between Yarrahappini and South Maclean. Minor flood levels are currently peaking at Waterford.

Minor flooding is easing in the upper Logan River between Rathdowney and Round Mountain. Moderate flooding is easing in the lower Logan River between Yarrahappini and South Maclean. A moderate flood peak to 15.65 metres at Maclean Bridge was recorded at 10pm Wednesday.

Minor flood levels remain steady near a peak at Waterford, where at 6am Thursday the river level was 7.0 metres.

Stream levels have eased below minor flood level in the Teviot Brook at Boonah.

Minor flooding also continues to slowly rise in Slacks Creek at Loganlea Road.

Weather Forecast:
Isolated showers.

Next Issue:
The next warning will be issued at about 4pm Thursday.

Latest River Heights:

Logan R at Forest Home *	1.94m falling	05:00 AM THU 13/01/11
Logan R at Rathdowney #	4.1m falling	06:05 AM THU 13/01/11
Running Ck at Dieckmans Br #	1.79m steady	05:29 AM THU 13/01/11
Christmas Ck at Tramway Lane *	2.51m falling	05:00 AM THU 13/01/11
Logan R at Round Mountain #	7.17m falling	05:54 AM THU 13/01/11
Logan R at Bromelton Weir TW *	6.76m falling	05:40 AM THU 13/01/11
Logan R at Beaudesert #	4.19m steady	05:28 AM THU 13/01/11
Teviot Bk at Croftby *	1.41m steady	05:14 AM THU 13/01/11
Teviot Bk at Boonah #	3.2m falling	05:56 AM THU 13/01/11
Logan R at Yarrahappini #	12.92m falling	06:13 AM THU 13/01/11
Logan R at South Maclean *	12.47m falling	05:30 AM THU 13/01/11
Logan R at Maclean Br	14.95m falling slowly	06:00 AM THU 13/01/11
Logan R at Waterford #	7m rising	06:02 AM THU 13/01/11
Slacks Ck at Reserve Park #	5.65m steady	06:14 AM THU 13/01/11
Scrubby Ck at First Ave Marsden #	7.37m steady	04:59 AM THU 13/01/11
Slacks Ck at Loganlea Rd #	5.37m rising	06:15 AM THU 13/01/11
Logan R at Riedel Rd Carbrook #	0.12m falling	06:05 AM THU 13/01/11

*,# denotes automatic station.

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TO::BOM618

IDQ20815

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE LOGAN RIVER

Issued at 3:36 PM on Thursday the 13th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding continues to ease along the Logan River between Rathdowney and Round Mountain, and between Yarrahappini and South Maclean. The Logan River at Waterford reached a broad peak early on Thursday, and is currently holding steady with minor flooding.

Minor flooding is easing in the upper Logan River between Rathdowney and Round Mountain, and in the lower Logan River between Yarrahappini and South Maclean. A moderate flood peak of 15.65 metres at Maclean Bridge was recorded at 10pm Wednesday, and moderate flood levels have been easing during Thursday.

Minor flood levels remain steady at the peak at Waterford, where at 3:20pm Thursday the river level was 6.9 metres.

Minor flood levels are also peaking in Slacks Creek at Loganlea Road.

Weather Forecast:
A shower or two.

Next Issue:

The next warning will be issued at about 10am Friday.

Latest River Heights:

Logan R at Forest Home *	1.8m falling	02:00 PM THU 13/01/11
Logan R at Rathdowney #	3.75m falling	03:04 PM THU 13/01/11
Running Ck at Dieckmans Br #	1.69m falling	12:42 PM THU 13/01/11
Christmas Ck at Tramway Lane *	2.3m falling	02:00 PM THU 13/01/11
Logan R at Round Mountain #	6.57m falling	02:33 PM THU 13/01/11
Logan R at Bromelton Weir TW *	6.11m falling	02:40 PM THU 13/01/11
Logan R at Beaudesert #	3.89m falling	02:43 PM THU 13/01/11
Teviot Bk at Croftby *	1.34m steady	02:00 PM THU 13/01/11
Teviot Bk at Boonah #	2.8m steady	02:38 PM THU 13/01/11
Logan R at Yarrahappini #	10.82m falling	03:01 PM THU 13/01/11
Logan R at South Maclean *	10.89m falling	02:30 PM THU 13/01/11
Logan R at Maclean Br	14.49m falling	09:00 AM THU 13/01/11
Logan R at Waterford #	6.95m rising	03:00 PM THU 13/01/11
Slacks Ck at Reserve Park #	5.6m falling	01:07 PM THU 13/01/11
Scrubby Ck at First Ave Marsden #	7.22m falling	02:17 PM THU 13/01/11
Slacks Ck at Loganlea Rd #	5.47m steady	01:22 PM THU 13/01/11
Logan R at Riedel Rd Carbrook #	0.07m rising	02:45 PM THU 13/01/11

*# denotes automatic station

Warnings and River Height Bulletins are available at <http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile, public and satellite phones.

TO::BOM618

IDQ20815

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE LOGAN RIVER

Issued at 6:06 AM on Friday the 14th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flooding continues to ease along the Logan River between Rathdowney and Round Mountain, and between Yarrahappini and South Maclean. River levels further downstream at Waterford have also eased below minor flood level, and should continue to ease during Friday.

At 6am Friday, the river level at Waterford was 5.55 metres and easing.

Minor flooding is also easing in Slacks Creek at Loganlea Road.

Weather Forecast:

Mostly fine, only isolated showers.

Next Issue:

This is the final warning. River Height Bulletins will continue to be issued.

Latest River Heights:

Logan R at Forest Home *	1.65m steady	04:00 AM FRI 14/01/11
Logan R at Rathdowney *	3.59m falling	04:00 AM FRI 14/01/11
Running Ck at Dieckmans Br #	1.54m steady	05:29 AM FRI 14/01/11
Christmas Ck at Tramway Lane *	2m steady	05:00 AM FRI 14/01/11
Logan R at Round Mountain #	5.92m falling	05:03 AM FRI 14/01/11
Logan R at Bromelton Weir TW *	5.38m falling	05:40 AM FRI 14/01/11
Logan R at Beaudesert #	3.24m steady	05:28 AM FRI 14/01/11
Bromelton Dam #	44.36m steady	05:45 AM FRI 14/01/11
Teviot Bk at Croftby #	1.28m steady	04:55 AM FRI 14/01/11
Teviot Bk at Boonah #	2.3m steady	05:38 AM FRI 14/01/11
Logan R at Yarrahappini #	8.07m falling	05:31 AM FRI 14/01/11
Logan R at South Maclean *	7.46m falling	05:45 AM FRI 14/01/11
Logan R at Maclean Br	12.55m falling	06:00 PM THU 13/01/11
Logan R at Waterford #	5.6m falling	05:57 AM FRI 14/01/11
Slacks Ck at Reserve Park #	5.55m steady	03:13 AM FRI 14/01/11
Scrubby Ck at First Ave Marsden #	7.12m steady	04:59 AM FRI 14/01/11
Slacks Ck at Loganlea Rd #	4.72m falling	05:51 AM FRI 14/01/11
Logan R at Riedel Rd Carbrook #	0.27m steady	04:27 AM FRI 14/01/11
Tingalpa Ck at L Harrison Dam #	18.16m steady	05:25 AM FRI 14/01/11

*,# denotes automatic station.

Warnings and River Height Bulletins are available at
<http://www.bom.gov.au/qld/flood/> . Flood Warnings are also available on
 telephone 1300 659 219 at a low call cost of 27.5 cents, more from mobile,
 public and satellite phones.

In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

Annexure "PB-4"

05 Apr 2011 15:38:40 EXTENSION CALL DETAIL TCP PCSTATS TELMAX21 2.0

Date From: 06/01/2011 To: 19/01/2011
Time From: 00:00 To: 24:00

Extension: 8773

Site ID : 101 Site Name : BRIS BRISBANE
Group ID : QLDHYD Group Name: QLDRO HYDROLOGY SECTION QLDRO/HYD

Exception Parameters: dialledno matches [REDACTED]

Date	Time hh:mm:ss	Call Type - Description	Dialled ECT /CLI Number	Trunk /Extn	Route Select	Acct Code	Duration hh:mm:ss	Cost (\$)
10/01/2011	15:35:24	K - I/C PSTN	[REDACTED]	1010002	F		00:07:06	.00

Totals		No of Calls	O/G Costed	O/G Free	I/C		Duration	Cost (\$)

PUBLIC		1	0	0	1		00:07:06	.00
NETWORK		0	0	0	0		00:00:00	.00
FREE/MISC		0	0	0	0		00:00:00	.00

ALL		1	0	0	1		00:07:06	.00
=====								

05 Apr 2011 15:38:41 EXTENSION CALL DETAIL TCP PCSTATS TELMAX21 2.0

Date From: 06/01/2011 To: 19/01/2011
Time From: 00:00 To: 24:00

Extension: 8778

Site ID : 101 Site Name : BRIS BRISBANE
Group ID : QLDHYD Group Name: QLDRO HYDROLOGY SECTION QLDRO/HYD

Exception Parameters: dialledno matches

Date	Time hh:mm:ss	Call Type - Description	Dialled ECT /CLI Number	Trunk /Extn	Route Select	Acct Code	Duration hh:mm:ss	Cost (\$)
06/01/2011	16:10:44	K - I/C PSTN		1010002	F		00:00:32	.00
06/01/2011	18:59:12	K - I/C PSTN		1010002	F		00:05:59	.00
07/01/2011	08:27:28	K - I/C PSTN		1010002	F		00:00:45	.00
07/01/2011	08:32:17	K - I/C PSTN		1010002	F		00:04:49	.00
07/01/2011	15:48:37	K - I/C PSTN		1010002	F		00:00:29	.00
07/01/2011	15:49:30	K - I/C PSTN		1010002	F		00:00:53	.00
09/01/2011	09:40:56	K - I/C PSTN		1010002	F		00:02:23	.00
09/01/2011	18:56:50	K - I/C PSTN		1010002	F		00:00:00	.00
09/01/2011	19:48:18	K - I/C PSTN		1010002	F		00:00:13	.00
10/01/2011	07:56:32	K - I/C PSTN		1010002	F		00:04:03	.00
10/01/2011	11:57:28	K - I/C PSTN		1010002	F		00:00:26	.00
10/01/2011	13:26:51	K - I/C PSTN		1010002	F		00:00:16	.00
10/01/2011	13:28:00	K - I/C PSTN		1010002	F		00:01:09	.00
10/01/2011	15:14:12	K - I/C PSTN		1010002	F		00:00:00	.00
10/01/2011	15:25:58	K - I/C PSTN		1010002	F		00:00:32	.00
10/01/2011	15:28:18	K - I/C PSTN		1010002	F		00:02:19	.00
10/01/2011	18:57:46	K - I/C PSTN		1010002	F		00:00:00	.00
10/01/2011	19:04:38	K - I/C PSTN		1010002	F		00:00:00	.00
11/01/2011	08:22:53	K - I/C PSTN		1010002	F		00:00:37	.00
11/01/2011	08:56:31	K - I/C PSTN		1010002	F		00:00:11	.00
11/01/2011	08:57:56	K - I/C PSTN		1010002	F		00:01:24	.00
11/01/2011	12:39:38	K - I/C PSTN		1010002	F		00:01:03	.00
11/01/2011	21:01:53	K - I/C PSTN		1010002	F		00:00:00	.00
11/01/2011	21:02:03	K - I/C PSTN		1010002	F		00:00:00	.00
19/01/2011	11:47:31	K - I/C PSTN		1010002	F		00:23:12	.00
Totals		No of Calls	O/G Costed	O/G Free	I/C		Duration	Cost (\$)
PUBLIC	25	0	0	25			00:51:15	.00
NETWORK	0	0	0	0			00:00:00	.00
FREE/MISC	0	0	0	0			00:00:00	.00
ALL	25	0	0	25			00:51:15	.00
	=====	=====	=====	=====			=====	=====

05 Apr 2011 15:38:42 EXTENSION CALL DETAIL TCP PCSTATS TELMAX21 2.0

Date From: 06/01/2011 To: 19/01/2011
Time From: 00:00 To: 24:00

Extension: 8778

Site ID : 101 Site Name : BRIS BRISBANE
Group ID : QLDHYD Group Name: QLDRO HYDROLOGY SECTION QLDRO/HYD

Exception Parameters: dialledno matches [REDACTED]

Date	Time hh:mm:ss	Call Type - Description	Dialled ECT /CLI Number	Trunk /Extn	Route Select	Acct Code	Duration hh:mm:ss	Cost (\$)
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05 Apr 2011 15:38:42 EXTENSION CALL DETAIL TCP PCSTATS TELMAX21 2.0

Date From: 06/01/2011 To: 19/01/2011
Time From: 00:00 To: 24:00

Extension: 8779

Site ID : 101 Site Name : BRIS BRISBANE
Group ID : QLDHYD Group Name: QLDRO HYDROLOGY SECTION QLDRO/HYD

Exception Parameters: dialledno matches [REDACTED]

Date	Time hh:mm:ss	Call Type - Description	Dialled ECT /CLI Number	Trunk /Extn	Route Select	Acct Code	Duration hh:mm:ss	Cost (\$)
07/01/2011	15:55:40	4 - PowerTel Local	[REDACTED]	1010002	F		00:03:48	.08
09/01/2011	18:57:34	K - I/C PSTN	[REDACTED]	1010002	F		00:00:29	.00
09/01/2011	19:03:46	K - I/C PSTN	[REDACTED]	1010002	F		00:06:12	.00
10/01/2011	08:39:54	4 - PowerTel Local	[REDACTED]	1010002	F		00:05:58	.08
10/01/2011	09:28:18	4 - PowerTel Local	[REDACTED]	1010002	F		00:04:51	.08
10/01/2011	10:48:53	4 - PowerTel Local	[REDACTED]	1010002	F		00:00:59	.08
10/01/2011	15:14:22	K - I/C PSTN	[REDACTED]	1010002	F		00:00:00	.00
10/01/2011	16:25:48	4 - PowerTel Local	[REDACTED]	1010002	F		00:14:34	.08
10/01/2011	18:57:56	K - I/C PSTN	[REDACTED]	1010002	F		00:00:00	.00
10/01/2011	19:06:28	K - I/C PSTN	[REDACTED]	1010002	F		00:01:38	.00
10/01/2011	21:43:14	4 - PowerTel Local	[REDACTED]	1010002	F		00:15:05	.08
10/01/2011	23:40:25	4 - PowerTel Local	[REDACTED]	1010002	F		00:27:07	.08
11/01/2011	03:39:24	4 - PowerTel Local	[REDACTED]	1010002	F		00:11:37	.08
11/01/2011	08:48:34	4 - PowerTel Local	[REDACTED]	1010002	F		00:14:47	.08
11/01/2011	14:13:39	K - I/C PSTN	[REDACTED]	1010002	F		00:07:11	.00
11/01/2011	14:23:58	K - I/C PSTN	[REDACTED]	1010002	F		00:00:58	.00
11/01/2011	16:51:16	4 - PowerTel Local	[REDACTED]	1010002	F		00:09:24	.08
11/01/2011	19:59:09	K - I/C PSTN	[REDACTED]	1010002	F		00:30:00	.00
11/01/2011	21:01:39	K - I/C PSTN	[REDACTED]	1010002	F		00:00:00	.00
11/01/2011	21:14:28	4 - PowerTel Local	[REDACTED]	1010002	F		00:09:48	.08
11/01/2011	22:05:44	K - I/C PSTN	[REDACTED]	1010002	F		00:00:36	.00
11/01/2011	22:26:05	4 - PowerTel Local	[REDACTED]	1010002	F		00:01:39	.08
12/01/2011	06:52:56	K - I/C PSTN	[REDACTED]	1010002	F		00:03:46	.00
12/01/2011	06:58:30	K - I/C PSTN	[REDACTED]	1010002	F		00:00:34	.00
12/01/2011	07:10:36	K - I/C PSTN	[REDACTED]	1010002	F		00:00:24	.00
12/01/2011	07:48:28	K - I/C PSTN	[REDACTED]	1010002	F		00:00:47	.00
12/01/2011	08:12:13	4 - PowerTel Local	[REDACTED]	1010002	F		00:17:35	.08
12/01/2011	13:37:55	4 - PowerTel Local	[REDACTED]	1010002	F		00:00:53	.08
12/01/2011	16:56:56	4 - PowerTel Local	[REDACTED]	1010002	F		00:06:56	.08
12/01/2011	16:56:56	4 - PowerTel Local	[REDACTED]	1010002	F		00:06:56	.08
13/01/2011	08:49:29	4 - PowerTel Local	[REDACTED]	1010002	F		00:03:35	.08
19/01/2011	09:23:06	K - I/C PSTN	[REDACTED]	1010002	F		00:02:57	.00
19/01/2011	11:24:19	K - I/C PSTN	[REDACTED]	1010002	F		00:00:50	.00

05 Apr 2011 15:38:42 EXTENSION CALL DETAIL TCP PCSTATS TELMAX21 2.0

Date From: 06/01/2011 To: 19/01/2011
Time From: 00:00 To: 24:00

Extension: 8779

Site ID : 101 Site Name : BRIS BRISBANE
Group ID : QLDHYD Group Name: QLDRO HYDROLOGY SECTION QLDRO/HYD

Exception Parameters: dialledno matches "*31200292"

Date	Time hh:mm:ss	Call Type - Description	Dialled ECT /CLI Number	Trunk /Extn	Route Select	Acct Code	Duration hh:mm:ss	Cost (\$)
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Totals	No of Calls	O/G Costed	O/G Free	I/C	Duration	Cost (\$)
PUBLIC	33	17	0	16	03:31:54	1.36
NETWORK	0	0	0	0	00:00:00	.00
FREE/MISC	0	0	0	0	00:00:00	.00
ALL	33	17	0	16	03:31:54	1.36
	=====	=====	=====	=====	=====	=====

05 Apr 2011 15:41:41 EXTENSION CALL DETAIL TCP PCSTATS TELMAX21 2.0

Date From: 06/01/2011 To: 19/01/2011
Time From: 00:00 To: 24:00

Extension: 8773

Site ID : 101 Site Name : BRIS BRISBANE
Group ID : QLDHYD Group Name: QLDRO HYDROLOGY SECTION QLDRO/HYD

Exception Parameters: dialledno matches [REDACTED]

Date	Time hh:mm:ss	Call Type - Description	Dialled ECT /CLI Number	Trunk /Extn	Route Select	Acct Code	Duration hh:mm:ss	Cost (\$)
09/01/2011	22:15:33	4 - PowerTel Local	[REDACTED]	1010002	F		00:04:10	.08

Totals	No of Calls	O/G Costed	O/G Free	I/C			Duration	Cost (\$)
PUBLIC	1	1	0	0			00:04:10	.08
NETWORK	0	0	0	0			00:00:00	.00
FREE/MISC	0	0	0	0			00:00:00	.00
ALL	1	1	0	0			00:04:10	.08
	=====	=====	=====	=====			=====	=====

05 Apr 2011 15:41:42 EXTENSION CALL DETAIL TCP PCSTATS TELMAX21 2.0

Date From: 06/01/2011 To: 19/01/2011
Time From: 00:00 To: 24:00

Extension: 8779

Site ID : 101 Site Name : BRIS BRISBANE
Group ID : QLDHYD Group Name: QLDRO HYDROLOGY SECTION QLDRO/HYD

Exception Parameters: dialledno matches [REDACTED]

Date	Time hh:mm:ss	Call Type - Description	Dialled ECT /CLI Number	Trunk /Extn	Route Select	Acct Code	Duration hh:mm:ss	Cost (\$)
06/01/2011	16:08:14	4 - PowerTel Local	[REDACTED]	1010002	F		00:09:50	.08
15/01/2011	14:24:36	4 - PowerTel Local	[REDACTED]	1010002	F		00:01:14	.08
17/01/2011	09:56:41	4 - PowerTel Local	[REDACTED]	1010002	F		00:03:32	.08

Totals	No of Calls	O/G Costed	O/G Free	I/C	Duration	Cost (\$)
PUBLIC	3	3	0	0	00:14:36	.24
NETWORK	0	0	0	0	00:00:00	.00
FREE/MISC	0	0	0	0	00:00:00	.00
ALL	3	3	0	0	00:14:36	.24
	=====	=====	=====	=====	=====	=====

In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

Annexure "PB-5"

From Subject		Received	S...
Date: Older			
 Duty Engi... Situation Report 0800 06/01/2011		Thu 6/01/2011 08:14	17 ...
 Duty Engi... Situation Report 1500 06/02/2011		Thu 6/01/2011 14:54	20 ...
 Duty Engi... Situation Report 1800 06/01/2011		Thu 6/01/2011 17:33	20 ...
  Duty Engi... North Pine Dam Directive # 2 at 20:15 on Thursday 6 January 2011		Thu 6/01/2011 20:17	46 ...
 Duty Engi... FOC Situation Report at 06:00 on Friday 7 January 2011		Fri 7/01/2011 06:06	21 ...
  Duty Engi... Operating Strategy over the next week		Fri 7/01/2011 08:05	16 ...
 Duty Engi... Actual and Projected Wivenhoe Releases		Fri 7/01/2011 10:23	11...
 Duty Engi... Impact of Wivenhoe Releases on water levels in the Lower Brisbane River		Fri 7/01/2011 15:09	9 KB
 Duty Engi... Situation Report 1800 Friday 07/01/2011		Fri 7/01/2011 17:56	21 ...
 Duty Engi... SitRep Clarification		Fri 7/01/2011 18:59	5 KB
 Duty Engi... Situation Report 0600 Saturday 08/01/2011		Sat 8/01/2011 06:31	22 ...
  Duty Engi... Wivenhoe Dam Directive # 4 at 08:15 on Staurday 8 January 2011		Sat 8/01/2011 08:07	55 ...
  Duty Engi... North Pine Dam Directive # 5 at 10:15 on Saturday 8 January 2011		Sat 8/01/2011 10:18	46 ...
  Duty Engi... Somerset Dam Directive # 3 at 11:30 on Saturday 8 January 2011		Sat 8/01/2011 11:22	48 ...
 Duty Engi... FOC Status Report at 12:00 on Saturday 8 January 2011		Sat 8/01/2011 12:15	22 ...
 Duty Engi... Projected Releases - Wivenhoe Dam at 1500 on Saturday 8 January 2011		Sat 8/01/2011 14:57	13...
 Duty Engi... FOC Situation Report at 18:00 on Saturday 8 January 2011		Sat 8/01/2011 17:53	24 ...
  Duty Engi... Wivenhoe Dam Directive #5		Sun 9/01/2011 01:21	48 ...
  Duty Engi... Wivenhoe Dam Directive #6		Sun 9/01/2011 04:41	49 ...
 Duty Engi... FOC Situation Report at 06:00 on Sunday 9 January 2011		Sun 9/01/2011 06:15	21 ...
 Duty Engi... Wivenhoe Actual and Projected Releases		Sun 9/01/2011 08:43	11...
 Duty Engi... Situation Report 1700 Sunday 9/1/2011		Sun 9/01/2011 17:50	22 ...
 Duty Engi... Wivenhoe Actual and Projected Releases		Sun 9/01/2011 17:57	11...
  Duty Engi... Situation Report 2100 9/01/2011		Sun 9/01/2011 21:03	20 ...
 Duty Engi... Actual and Projected Wivenhoe Releases		Sun 9/01/2011 21:07	11...
 Duty Engi... FOC Situation Report at 01:00 hrs on Monday 10 January 2011		Mon 10/01/2011 01:13	22 ...
 Duty Engi... Wivenhoe Dam Actual and Projected Releases - 0200 on Monday 10 January 2...		Mon 10/01/2011 01:56	11...
  Duty Engi... Wivenhoe Dam Directive # 8 at 02:00 on Monday 10 January 2011		Mon 10/01/2011 02:06	52 ...
 Duty Engi... FOC Situation Report at 06:00 on Monday 10 January 2011		Mon 10/01/2011 06:29	23 ...
 Duty Engi... Actual and Projected Wivenhoe Releases		Mon 10/01/2011 06:32	11...
 Duty Engi... Actual and projected Wivenhoe releases		Mon 10/01/2011 09:56	11...
 Duty Engi... FOC Situation Report at 12:00 on Monday 10 January 2011		Mon 10/01/2011 12:15	23 ...
 Duty Engi... Actual and Projected Wivenhoe Releases		Mon 10/01/2011 14:37	18...
 Duty Engi... RE: FOC Situation Report at 12:00 on Monday 10 January 2011		Mon 10/01/2011 14:57	21 ...
 Duty Engi... FW: Perserverance Event stage 3		Mon 10/01/2011 15:21	3 KB
 Duty Engi... RE: URGENT ATTENTION: Helidon to Gatton FLASH FLOOD [SEC=UNCLASSIF...		Mon 10/01/2011 17:39	91 ...
 Duty Engi... FOC Situation Report at 18:00 on Monday 10 January 2011		Mon 10/01/2011 18:42	22 ...
 Duty Engi... FW: Lockyer Ck		Mon 10/01/2011 22:37	13...
 Duty Engi... FOC Situation Report at 00:00 Tuesday 11 Janaury 2011		Mon 10/01/2011 23:55	22 ...
  Duty Engi... Somerset Dam Directive # 6 at 04:30 on Tuesday 11 January 2011		Tue 11/01/2011 04:40	48 ...
 Duty Engi... FOC Situation Report at 06:00 on Tuesday 11 January 2011		Tue 11/01/2011 06:12	22 ...
 Duty Engi... Wivenhoe Dam Projected Releases at 06:00 on Tuesday 11 January 2011		Tue 11/01/2011 06:14	11...
  Duty Engi... Actual and Projected Wivenhoe Releases		Tue 11/01/2011 08:10	18...
 Duty Engi... Actual and Projected Wivenhoe Releases		Tue 11/01/2011 11:38	18...
 Duty Engi... SitRep 1200 11/1/2011		Tue 11/01/2011 12:10	17 ...
 Duty Engi... Request for Scenario		Tue 11/01/2011 13:27	4 KB
 Duty Engi... Actual and Projected Wivenhoe Releases - Note that is our worst case for the ...		Tue 11/01/2011 13:31	18...
  Duty Engi... Wivenhoe Dam Update		Tue 11/01/2011 14:18	14 ...
 Duty Engi... Wivenhoe ALERT level		Tue 11/01/2011 14:26	7 KB
 Duty Engi... Projected Wivenhoe Outflows		Tue 11/01/2011 15:42	5 KB
 Duty Engi... Wivenhoe Actual and Projected Releases		Tue 11/01/2011 16:51	11...
 Duty Engi... Situation Report 1800 12 Janaury 2011		Tue 11/01/2011 17:59	17 ...
 Duty Engi... Actual and Projected Wivenhoe Releases		Tue 11/01/2011 18:06	11...

  From	Subject	Received	S...	
 Duty Engi...	Brisbane R Estimates	Tue 11/01/2011 20:14	7 KB	
 Duty Engi...	Actual and Projected Wivenhoe Releases	Tue 11/01/2011 21:10	11...	
 Duty Engi...	Actual and Projected Wivenhoe Releases (Updated)	Tue 11/01/2011 22:01	11...	
  Duty Engi...	Wivenhoe Dam Directive #29 at 01:15 on Tuesdya 12 January 2011	Wed 12/01/2011 01:23	49 ...	
  Duty Engi...	Wivenhoe Directive #30	Wed 12/01/2011 03:37	48 ...	
 Duty Engi...	Actual and Projected Wivenhoe Releases (Updated)	Wed 12/01/2011 03:48	13...	
 Duty Engi...	Situation Report 0600 Wed 12/01/2011	Wed 12/01/2011 05:48	19 ...	
 Duty Engi...	Actual and Projected Wivenhoe Releases	Wed 12/01/2011 05:53	11...	
 Duty Engi...	FW: River Levels at Mt Crosby Weir	Wed 12/01/2011 05:57	15 ...	
 Duty Engi...	Flow Gauging at Jindalee	Wed 12/01/2011 07:35	4 KB	
 Duty Engi...	RE: Situation Report 0800 Wed 12/01/2011	Wed 12/01/2011 07:57	20 ...	
 Duty Engi...	Flow Gauging at Jindalee	Wed 12/01/2011 07:59	4 KB	
 Duty Engi...	For your consideration	Wed 12/01/2011 09:39	9 KB	
 Duty Engi...	Situation Report 1500 Wed 12/01/2011	Wed 12/01/2011 15:17	21 ...	
 Duty Engi...	Situation Report 1800 Wed 12/01/2011	Wed 12/01/2011 17:57	17 ...	
 Duty Engi...	Wivenhoe Dam Projected Releases - 1800 at Wednesday 12 January 2011	Wed 12/01/2011 18:07	11...	
 Duty Engi...	Wivenhoe Dam Projected Releases - 20:00 at Wednesday 12 January 2011	Wed 12/01/2011 20:14	15...	
 Duty Engi...	FOC Situation Report 0600 13 January 2011	Thu 13/01/2011 05:44	21 ...	
 Duty Engi...	Gauge Height Measurement	Thu 13/01/2011 06:08	4 KB	
 Duty Engi...	Brisbane City Staff Gauge Reading	Thu 13/01/2011 08:00	3 KB	
 Duty Engi...	Comms Restored	Thu 13/01/2011 11:13	7 KB	
 Duty Engi...	Actual and Projected Wivenhoe Releases	Thu 13/01/2011 14:31	13...	
 Duty Engi...	Situation Report 1830 13 January 2011	Thu 13/01/2011 18:42	17 ...	
  Duty Engi...	Wivenhoe Dam Directive # 38 for Wivenhoe Dam at 20:15 on Thursday 13 Jan...	Thu 13/01/2011 20:21	50 ...	
  Duty Engi...	Somerset Dam Directive # 11 at 20:30 on 13 January 2011	Thu 13/01/2011 20:31	47 ...	
  Duty Engi...	North Pine Dam Directive # 30 at 02:00 on Friday 14 January 2011	Fri 14/01/2011 02:04	48 ...	
 Duty Engi...	FOC Situation Report at 06:00 on Friday 14 Janaury 2011	Fri 14/01/2011 05:35	22 ...	
 Duty Engi...	FOC Situation Report at 06:00 on Friday 14 Janaury 2011	Fri 14/01/2011 05:44	22 ...	
 Duty Engi...	Wivenhoe Dam Directive # 39	Fri 14/01/2011 19:28	7 KB	
  Duty Engi...	Wivenhoe Dam Directive # 39	Fri 14/01/2011 20:16	48 ...	
  Duty Engi...	Wivenhoe Dam Directive #40	Sat 15/01/2011 02:06	48 ...	
 Duty Engi...	Situation Report 0630 Saturday 15 January 2011	Sat 15/01/2011 06:35	21 ...	
  Duty Engi...	Brisbane R model	Sat 15/01/2011 10:01	3 KB	
 Duty Engi...	Situation Report 0600 Sunday 16 January 2011	Sun 16/01/2011 06:08	22 ...	
  Duty Engi...	Message from the Senior Flood Operations Engineer	Sun 16/01/2011 06:50	10 ...	
  Duty Engi...	Wivenhoe Dam Directive # 45 at 08:30 on Sunday 16 January 2011	Sun 16/01/2011 08:36	49 ...	
  Duty Engi...	Wivenhoe Dam Directive #46 at 12:15 on Sunday 16 January 2011	Sun 16/01/2011 12:15	49 ...	
  Duty Engi...	Wivenhoe Dam Directive # 47 at 15:15 on Sunday 16 January 2011	Sun 16/01/2011 15:17	49 ...	
  Duty Engi...	Wivenhoe Dam Directive # 48 at 18:45 on Sunday 16 January 2011	Sun 16/01/2011 18:44	49 ...	
 Duty Engi...	Situation Report 1700 Monday 16 January 2011	Mon 17/01/2011 16:55	22 ...	
 Duty Engi...	Situation Report 0615 Tuesday 18 Janaury 2011	Tue 18/01/2011 06:17	22 ...	
  Duty Engi...	Wivenhoe Dam Directive # 55 at 8:30 on Tuesday 18 January 2011	Tue 18/01/2011 08:20	50 ...	
  Duty Engi...	Wivenhoe Directive #56 at 12:15 on Tuesday 18 January 2011	Tue 18/01/2011 12:07	50 ...	
 Duty Engi...	Actual and predicted Release - Wivenhoe Dam at 13:00 on Tuesday 18 Januar...	Tue 18/01/2011 13:29	14...	
 Duty Engi...	Wivenhoe Dam Directive #57 at 15:15 on Tuesday 18 January 2011	Tue 18/01/2011 15:03	7 KB	
 Duty Engi...	FOC Situation Report at 18:00 on Tuesday 18 January 2011	Tue 18/01/2011 17:40	22 ...	
  Duty Engi...	Wivenhoe Dam Directive #58	Tue 18/01/2011 20:42	48 ...	
  Duty Engi...	Wivenhoe Dam Directive #59	Tue 18/01/2011 21:38	49 ...	
  Duty Engi...	Wivenhoe Dam Directive #60	Tue 18/01/2011 22:41	51 ...	
  Duty Engi...	FOC Situation Report at 06:00 on Wednesday 19 January 2011	Wed 19/01/2011 05:28	24 ...	
  Duty Engi...	Wivenhoe Dam Directive #61	Wed 19/01/2011 05:29	50 ...	
 Duty Engi...	Situation Report 1345 Wednesday 2011	Wed 19/01/2011 13:45	23 ...	
 Duty Engi...	Recall: Situation Report 1345 Wednesday 2011	Wed 19/01/2011 13:51	15 ...	
 Duty Engi...	Situation Report 1400 Wednesday 19 January 2011	Wed 19/01/2011 13:57	23 ...	

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 6 January 2011 08:14
To: [REDACTED]

Subject: Situation Report 0800 06/01/2011

ainfall

Since 9am Wednesday, there have been widespread falls of 30mm with isolated heavy falls up to 50mm in the Somerset and Wivenhoe catchments. Totals in the North Pine catchment have generally been below 10mm. Falls up to 60mm were recorded in the Leslie Harriion catchment.

The forecast for the next 24 to 48 hours is for totals up to 150mm in SE Qld.

The catchments remain wet and are likely to generate additional runoff in the event of rain.

North Pine Dam

At 0700 Thursday, North Pine Dam was 39.60m, 0.05m below gate trigger level and having risen 0.18m since 2/1/2011 due to a combination of baseflow and runoff from rain in the last 24 hours.

Given the forecast rain, gate operations will commence tonight. MBRC will be advised this morning

Somerset Dam

At 0700 Thursday, Somerset Dam was 99.34m, 0.34m above FSL, and rising slowly. The rain in the Stanley River catchment has produced a small amount of runoff in the upper Stanley but there have been significant rises in Kilcoy Ck. Further regulator operations will be required later Thursday.

Wivenhoe Dam

At 0700 Thursday, Wivenhoe Dam was 67.31m and rising slowly. This is 0.31m above FSL and above the gate trigger level of 67.25m. There have been rises recorded at rivers and stream upstream of Wivenhoe Dam. Gates will be opened in the next 24 hours to manage the inflows from the upper Brisbane River and the outflow from Somerset.

Impacts of Wivenhoe Dam Releases

Somerset Regional, Ipswich City and Brisbane City Councils will be advised of the potential for gate operations after a full assessment of the situation this morning. At this stage it is anticipated that peak releases from Wivenhoe will be below 500m3/s but this will depend on the forecast rain and flows downstream of the dam.

The expected Wivenhoe release and local flows will at least impact upon Twin Bridges, Savages Crossing, Kholo Bridge and Colleges Crossing for several days. At this stage, there are not expected to be any adverse impacts upon Fernvale Bridge, Burtons Bridge or Mt Crosby Weir Bridge

Leslie Harrison Dam

Following the heavy rainfall Wednesday night, gate operations commenced at Leslie Harrison Dam late Wednesday night and are continuing. Given the forecast rainfall, gate operations are expected to continue for the next 24 to 48 hours.

The next situation report will be issued at 1800 Thursday 6/1/2011.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

31/03/2011

Fax: 3120 0275

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 6 January 2011 14:54
To: [REDACTED]

Cc: [REDACTED]

Subject: Situation Report 1500 06/02/2011

Rainfall

In the 6 hours since 9am Wednesday, there have been general totals around 30mm with isolated heavy falls up to 60mm in the Somerset and Wivenhoe catchments. Totals in the North Pine catchment have generally been between 20 and 30mm. Falls between 20 and 30mm were recorded in the Leslie Harrison catchment.

The forecast for the next 24 to 48 hours is for totals up to 100mm in SE Qld.

The catchments remain wet and are likely to generate additional runoff in the event of rain.

North Pine Dam

At 1400 Thursday, North Pine Dam was 39.66m, 0.01m above gate trigger level. Gate operations will commence at 1900 Thursday and will impact upon Youngs Crossing. MBRC have been advised and will confirm closure of Youngs Crossing prior to gate operations. Given the forecast rainfall during Friday, gate operations may continue into Saturday.

Somerset Dam

At 0700 Thursday, Somerset Dam was 99.34m, 0.34m above FSL, and rising slowly. The rain in the Stanley River catchment has produced a small amount of runoff in the upper Stanley but there have been significant rises in Kilcoy Ck, adding to the Somerset inflows. Further regulator/slucice operations will be required in the next 24 to 48 hours. The estimated event inflow volume into Somerset Dam is 50,000ML.

Wivenhoe Dam

At 0700 Thursday, Wivenhoe Dam was 67.31m and rising slowly. This is 0.31m above FSL and above the gate trigger level of 67.25m. There have been rises recorded at rivers and stream upstream of Wivenhoe Dam. The estimated event inflow volume into Wivenhoe Dam is 180,000ML including Somerset Dam outflow.

There has been significant rainfalls in the Lockyer Ck catchment since 0900 Thursday and a peak of about 600m³/s is expected from the Lockyer late Friday. Wivenhoe gates will be opened after flood levels in the lower Lockyer subside. At this stage Wivenhoe releases during Saturday may be as high as 1,500m³/s and continue for a couple of days.

Impacts of Wivenhoe Dam Releases

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the potential for gate operations during the next 24 hours.

The will at least impact upon Twin Bridges, Savages Crossing, Kholo Bridge and Colleges Crossing for several days. The relatively high Lockyer flows will at least impact upon Twin Bridges, Savages Crossing, Kholo Bridge and Colleges Crossing for several days and may impact upon Burtons Bridge early Saturday. At this stage, there are not expected to be any adverse impacts upon Fernvale Bridge or Mt Crosby Weir Bridge.

Leslie Harrison Dam

Following the heavy rainfall Wednesday night, gate operations commenced at Leslie Harrison Dam late Wednesday night and are continuing. Given the forecast rainfall, gate operations are expected to continue for the next 24 to 48 hours.

The next situation report will be issued at 1800 Thursday 6/1/2011.

Terry Malone

31/03/2011

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 6 January 2011 17:33
To: [REDACTED]

Subject: Situation Report 1800 06/01/2011

Rainfall

In the 8 hours since 9am Wednesday, there have been general totals around 30mm with isolated heavy falls up to 60mm in the Somerset and Wivenhoe catchments. There have been significant rainfalls in the Lockyer Ck catchment in the last 24 hours with widespread falls of 50mm and isolated falls up to 75mm. Totals in the North Pine catchment have generally been about 30mm. Falls between 20 and 30mm were recorded in the Leslie Harrison catchment.

The forecast for the next 24 to 48 hours is for totals up to 100mm in SE Qld.

North Pine Dam

At 1700 Thursday, North Pine Dam was 39.68m, 0.03m above gate trigger level. Gate operations will commence at 1900 Thursday and will impact upon Youngs Crossing. Moreton Bay Regional Council has been advised and will confirm closure of Youngs Crossing prior to gate operations. Given the forecast rainfall during Friday, gate operations may continue into Saturday.

Somerset Dam

At 1700 Thursday, Somerset Dam was 99.45m, 0.45m above FSL, and rising slowly. The rain in the Stanley River catchment has produced a small amount of runoff in the upper Stanley but there have been significant rises in Kilcoy Ck, adding to the Somerset inflows. Further regulator/sluice operations will be required in the next 24 to 48 hours. The estimated event inflow volume into Somerset Dam is 50,000ML.

Wivenhoe Dam

At 1700 Thursday, Wivenhoe Dam was 67.39m and rising slowly. This is 0.39m above FSL and above the gate trigger level of 67.25m. Upstream of the dam river levels are still rising at the Linville and Gregors Ck gauges. The estimated event inflow volume into Wivenhoe Dam is 180,000ML including Somerset Dam outflow.

A peak of about 600m³/s is expected from the Lockyer late Friday. At this stage there is some uncertainty associated with this estimate and it may or may not impact Burtons Bridge. Wivenhoe gates will be opened after the impact of Lockyer flows on Burtons Bridge has been ascertained and flood levels in the lower Lockyer subside. At this stage Wivenhoe releases will commence late Friday/early Saturday and may be as high as 1,500m³/s, similar to recent events, and continue for a couple of days.

Impacts of Downstream of Wivenhoe

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the potential for gate operations during the next 24 hours.

The relatively high Lockyer flows will adversely impact upon Twin Bridges, Savages Crossing, Kholo Bridge and Colleges Crossing for several days and may impact upon Burtons Bridge early Saturday. At this stage, there are not expected to be any adverse impacts upon Fernvale Bridge or Mt Crosby Weir Bridge.

Leslie Harrison Dam

Following the heavy rainfall Wednesday night, gate operations commenced at Leslie Harrison Dam late Wednesday night and are continuing. Given the forecast rainfall, gate operations are expected to continue for the next 24 to 48 hours.

The next situation report will be issued at 0600 Friday 7/1/2011.

Terry Malone

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Thursday, 6 January 2011 20:17

To: [REDACTED]

Subject: North Pine Dam Directive # 2 at 20:15 on Thursday 6 January 2011

Attachments: OPS_Directive_NorthPine #2.doc

Please find attached Directive # 2 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 7 January 2011 06:07
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 06:00 on Friday 7 January 2011

Rainfall

There have been general totals around 30 to 50 mm with isolated heavy falls up to 75mm in the Somerset and Wivenhoe catchments since the event commenced on Wednesday 5 January 2011. There have been significant rainfalls in the Lockyer Ck catchment in the last 72 hours with widespread falls of 50mm and isolated falls up to 100mm.

Totals in the North Pine catchment have generally been about 35mm.

Falls between 20 and 30mm were recorded in the Leslie Harrison catchment.

The forecast for the next five days is for totals between 100 and 200mm in SE Qld. Given the saturated condition of the catchments further runoff will most likely be generated from this rainfall.

North Pine Dam

At 0600 Friday, North Pine Dam was at 39.48m, 0.12m below FSL. Gate operations commenced at 1915 on Thursday 6 January and are expected to continue until at least mid-day Friday 7 January when North Pine Dam is expected to be at 39.40m. These releases have impacted upon Youngs Crossing. Moreton Bay Regional Council was advised and they closed Youngs Crossing prior to gate operations commencing. Based upon the forecast rainfall, gate operations may continue into Saturday, but at this stage it is anticipated that gate operations will cease at around mid-day on Friday 7 January 2011.

Somerset Dam

At 0600 Friday, Somerset Dam was at 99.59m, 0.59m above FSL, and rising slowly. The rain in the Stanley River catchment has produced a small amount of runoff in the Upper Stanley but there have been significant rises in Kilcoy Creek, contributing to the Somerset inflows. Somerset Dam is currently releasing at a rate of 35 cumecs and further regulator/slucice operations will be required in the next 24 to 72 hours.

The estimated event inflow volume into Somerset Dam is around 50,000ML.

Wivenhoe Dam

At 0600 Friday, Wivenhoe Dam was at 67.64m and rising slowly. This is 0.64m above FSL and above the gate trigger level of 67.25m. Upstream of the dam river levels have peaked at the Linville and Gregors Ck gauges. The estimated event inflow volume into Wivenhoe Dam is 230,000ML including Somerset Dam outflow.

A peak of about 470 cumecs is expected from Lockyer Creek by mid-afternoon on Friday 7 January. At this stage there is some uncertainty associated with this estimate but it may be of sufficient magnitude to inundate Burtons Bridge.

Wivenhoe gate releases will occur after the impact of Lockyer flows on Burtons Bridge has been ascertained and flood levels in the lower Lockyer subside. It is proposed that Wivenhoe releases will commence late Friday/early Saturday and may be as high as 1,200 cumecs, (similar but slightly smaller to recent events), and the releases are expected to continue over the weekend though to Monday or Tuesday.

Impacts of Downstream of Wivenhoe

Somerset Regional Council, Ipswich City Council and Brisbane City Council have been advised of the potential for gate operations during the next 24 hours.

31/03/2011

The relatively high Lockyer flows will adversely impact upon Twin Bridges, Savages Crossing, and Colleges Crossing for several days and may impact upon Burtons Bridge from Friday mid-day and Kholo Bridge later on Friday evening. At this stage, there are not expected to be any adverse impacts upon Fernvale Bridge or Mt Crosby Weir Bridge.

Leslie Harrison Dam

Following the heavy rainfall Wednesday night, gate operations commenced at Leslie Harrison Dam late Wednesday night and are continuing. Given the forecast rainfall, gate operations are expected to continue for the next 24 to 48 hours.

The next situation report will be issued at 1800 Friday 7 January 2011.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 7 January 2011 08:05
To: [REDACTED]

Subject: Operating Strategy over the next week

Importance: High

Advice from BoM indicates that SE Qld can expect some high rainfall totals over the next 5 days.

Friday: Rain at times 15-50mm with higher falls along the coast
Saturday: Rain light at times 15-50mm with higher falls along the coast
Sunday: Widespread rain with totals between 50-100mm
Monday: Widespread rain again with totals between 50-100mm
Tuesday: Rain easing with totals between 25-50mm

Given the saturated conditions of the dam catchments, significant volumes of inflows to our dams will be generated.

On this basis, the operating strategy for Somerset, Wivenhoe and North Pine needs to consider the current state of the storages and the project inflows.

North Pine

North Pine currently has 5 gates open releasing runoff from rain on Wed/Thursday. Given the very high likelihood of significant runoff during the next 5 days, it is recommended to keep gates open for the period, rather than opening and closing at various times with short notice. It will not be practical or may not be possible to adopt the usual strategy of opening and closing overnight to minimise the impact on Youngs Crossing.

Somerset

Somerset Dam currently has a regulator open 50%. At this stage, it is expected to open 1 or 2 sluices on Saturday. However, this may need to be reviewed if significant runoff occurs in the Stanley and Upper Brisbane. Under circumstances of high inflows to Somerset and Wivenhoe, it is the usual practice to hold flood water in Somerset until there is a high level of confidence in the estimated inflows to Wivenhoe.

Wivenhoe

As outlined in this morning's SitRep, it is intended to ramp up the release from Wivenhoe to about 1,200m³/s later today. However, given the high likelihood of significant inflows in the next week, this may be increased to 1,500m³/s in order to drain the current temporarily stored flood waters as soon as possible.

This will mean that all of the crossing downstream of Wivenhoe with the exception of Fernvale and Mt Crosby Weir Bridge will be adversely impacted.

Leslie Harrison

Given its proximity to the coast Leslie Harrison is likely to be most impacted by the forecast rain over the next 5 days.

It is likely that the releases from North Pine and Leslie Harrison will continue until the middle of next week and from Wivenhoe until next Friday. Staffing for the Flood Operations Centre will be arranged accordingly. Co-originators should start to plan for prolonged operations at dams.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

31/03/2011

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 7 January 2011 10:23
To: flood.qld@bom.gov.au; Chris Lavin; Craig Logan; Evan Caswell; James Charalambous; Ken Morris; Robert McGlinn; Santina Pennisi
Subject: Actual and Projected Wivenhoe Releases

Please note that Wivenhoe releases will commence at 1500 Friday and be slowly increased to about 1,200 m3/s by 1400 Saturday. It will initially be held around this level until Sunday morning at which time the release strategy will be reviewed and be dependent upon further rainfall.

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
02/01/2011 20:00:00	50	Actual
02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
03/01/2011 01:00:00	50	Actual
03/01/2011 02:00:00	50	Actual
03/01/2011 03:00:00	50	Actual
03/01/2011 04:00:00	50	Actual
03/01/2011 05:00:00	50	Actual
03/01/2011 06:00:00	50	Actual
03/01/2011 07:00:00	50	Actual
03/01/2011 08:00:00	50	Actual
03/01/2011 09:00:00	50	Actual
03/01/2011 10:00:00	50	Actual
03/01/2011 11:00:00	50	Actual
03/01/2011 12:00:00	50	Actual
03/01/2011 13:00:00	50	Actual
03/01/2011 14:00:00	50	Actual
03/01/2011 15:00:00	50	Actual
03/01/2011 16:00:00	50	Actual
03/01/2011 17:00:00	50	Actual
03/01/2011 18:00:00	50	Actual
03/01/2011 19:00:00	50	Actual
03/01/2011 20:00:00	50	Actual
03/01/2011 21:00:00	50	Actual
03/01/2011 22:00:00	50	Actual
03/01/2011 23:00:00	50	Actual
04/01/2011 00:00:00	50	Actual
04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual

31/03/2011

04/01/2011 03:00:00	50	Actual
04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
04/01/2011 08:00:00	50	Actual
04/01/2011 09:00:00	50	Actual
04/01/2011 10:00:00	50	Actual
04/01/2011 11:00:00	50	Actual
04/01/2011 12:00:00	50	Actual
04/01/2011 13:00:00	50	Actual
04/01/2011 14:00:00	50	Actual
04/01/2011 15:00:00	50	Actual
04/01/2011 16:00:00	50	Actual
04/01/2011 17:00:00	50	Actual
04/01/2011 18:00:00	50	Actual
04/01/2011 19:00:00	50	Actual
04/01/2011 20:00:00	50	Actual
04/01/2011 21:00:00	50	Actual
04/01/2011 22:00:00	50	Actual
04/01/2011 23:00:00	50	Actual
05/01/2011 00:00:00	50	Actual
05/01/2011 01:00:00	50	Actual
05/01/2011 02:00:00	50	Actual
05/01/2011 03:00:00	50	Actual
05/01/2011 04:00:00	50	Actual
05/01/2011 05:00:00	50	Actual
05/01/2011 06:00:00	50	Actual
05/01/2011 07:00:00	50	Actual
05/01/2011 08:00:00	50	Actual
05/01/2011 09:00:00	50	Actual
05/01/2011 10:00:00	50	Actual
05/01/2011 11:00:00	50	Actual
05/01/2011 12:00:00	50	Actual
05/01/2011 13:00:00	50	Actual
05/01/2011 14:00:00	50	Actual
05/01/2011 15:00:00	50	Actual
05/01/2011 16:00:00	50	Actual
05/01/2011 17:00:00	50	Actual
05/01/2011 18:00:00	50	Actual
05/01/2011 19:00:00	50	Actual
05/01/2011 20:00:00	50	Actual
05/01/2011 21:00:00	50	Actual
05/01/2011 22:00:00	50	Actual
05/01/2011 23:00:00	50	Actual
06/01/2011 00:00:00	50	Actual
06/01/2011 01:00:00	50	Actual
06/01/2011 02:00:00	50	Actual
06/01/2011 03:00:00	50	Actual
06/01/2011 04:00:00	50	Actual
06/01/2011 05:00:00	50	Actual
06/01/2011 06:00:00	50	Actual
06/01/2011 07:00:00	50	Actual

31/03/2011

06/01/2011 08:00:00	50	Actual
06/01/2011 09:00:00	50	Actual
06/01/2011 10:00:00	50	Actual
06/01/2011 11:00:00	50	Actual
06/01/2011 12:00:00	50	Actual
06/01/2011 13:00:00	50	Actual
06/01/2011 14:00:00	50	Actual
06/01/2011 15:00:00	50	Actual
06/01/2011 16:00:00	50	Actual
06/01/2011 17:00:00	50	Actual
06/01/2011 18:00:00	50	Actual
06/01/2011 19:00:00	50	Actual
06/01/2011 20:00:00	50	Actual
06/01/2011 21:00:00	50	Actual
06/01/2011 22:00:00	50	Actual
06/01/2011 23:00:00	50	Actual
07/01/2011 00:00:00	50	Actual
07/01/2011 01:00:00	50	Actual
07/01/2011 02:00:00	50	Actual
07/01/2011 03:00:00	50	Actual
07/01/2011 04:00:00	50	Actual
07/01/2011 05:00:00	50	Actual
07/01/2011 06:00:00	50	Actual
07/01/2011 07:00:00	50	Actual
07/01/2011 08:00:00	50	Actual
07/01/2011 09:00:00	50	Actual
07/01/2011 10:00:00	50	Actual
07/01/2011 11:00:00	50	Projected
07/01/2011 12:00:00	50	Projected
07/01/2011 13:00:00	50	Projected
07/01/2011 14:00:00	50	Projected
07/01/2011 15:00:00	101	Projected
07/01/2011 16:00:00	153	Projected
07/01/2011 17:00:00	204	Projected
07/01/2011 18:00:00	254	Projected
07/01/2011 19:00:00	303	Projected
07/01/2011 20:00:00	352	Projected
07/01/2011 21:00:00	398	Projected
07/01/2011 22:00:00	450	Projected
07/01/2011 23:00:00	465	Projected
08/01/2011 00:00:00	510	Projected
08/01/2011 01:00:00	562	Projected
08/01/2011 02:00:00	614	Projected
08/01/2011 03:00:00	665	Projected
08/01/2011 04:00:00	717	Projected
08/01/2011 05:00:00	767	Projected
08/01/2011 06:00:00	818	Projected
08/01/2011 07:00:00	869	Projected
08/01/2011 08:00:00	921	Projected
08/01/2011 09:00:00	970	Projected
08/01/2011 10:00:00	1020	Projected
08/01/2011 11:00:00	1070	Projected
08/01/2011 12:00:00	1121	Projected

31/03/2011

08/01/2011 13:00:00	1169	Projected
08/01/2011 14:00:00	1217	Projected
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09/01/2011 20:00:00	785	Projected
09/01/2011 21:00:00	735	Projected
09/01/2011 22:00:00	685	Projected
09/01/2011 23:00:00	635	Projected
10/01/2011 00:00:00	585	Projected
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31/03/2011

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17/01/2011 08:00:00	13	Projected

31/03/2011

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 7 January 2011 15:09
To: [REDACTED]
Cc: [REDACTED]

Subject: Impact of Wivenhoe Releases on water levels in the Lower Brisbane River

Conversations have just taken place between BCC, Seqwater and BoM re impact of flows in the lower Brisbane R

Seqwater and BoM concur that a flow of a 1,500m³/s in the lower Brisbane R will only add about 50mm to the expected water levels in the City Reach on the recorded high tides. This has been demonstrated by a comparison of the recorded water levels at Whyte Is and Brisbane City gauges during periods of no flow and periods of higher flows in the last few months.

However, it should be noted that this impact varies during the tidal cycle and is more pronounced on the low tide level than the high tide level.

It is recognized that current recorded high tide levels are 0.4 to 0.5 metres higher than predicted tides due to atmospheric conditions.

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 7 January 2011 17:57
To: [REDACTED]

Subject: Situation Report 1800 Friday 07/01/2011

Rainfall

Since 0900 Friday, there has been widespread 20 to 40mm throughout North Pine, Somerset and Wivenhoe catchments with isolated higher totals of 70mm in the upper reaches of the Brisbane R.

Advice from BoM indicates that SE Qld can expect further high rainfall totals over the next 4 days.

Saturday: Rain light at times 15-50mm with higher falls along the coast
Sunday: Widespread rain with totals between 50-100mm
Monday: Widespread rain again with totals between 50-100mm
Tuesday: Rain easing with totals between 25-50mm

Given the saturated conditions of the catchments, significant inflows to Seqwater dams will be generated, especially following the forecast rainfall on Sunday/Monday

North Pine (Full Supply Level 39.60 m AHD)

At 1700 Friday, North Pine currently has 5 gates open releasing runoff from rain on Wed/Thursday. Given the very high likelihood of significant runoff during the next 4 days, gates will be kept open to match inflows over the next few days, rather than opening and closing at various times with short notice. Youngs Crossing will remain adversely impacted for the duration of the gates being open. Moreton Bay Regional Council has been advised and concurs with this strategy.

Somerset (Full Supply Level 99.00 m AHD)

At 1700 Friday, Somerset Dam level was 100.04m AHD and rising steadily with one regulator open 100%. However, as the Wivenhoe headwater level is rising and may impact upon the operation of the regulator, this will be closed in the next few hours and a sluice gate opened. However, this strategy may need to be reviewed if significant runoff occurs in the Stanley and Upper Brisbane. Under circumstances of high inflows to Somerset and Wivenhoe, it is the usual practice to hold flood water in Somerset until there is a high level of confidence in the estimated inflows to Wivenhoe.

Since the commencement of the event on 02/01/2011, approximately 55,000ML has flowed into Somerset Dam with a further 25,000ML expected based on the recorded rainfall to date. Approximately 16,000ML has been released into Wivenhoe.

Wivenhoe (Full Supply Level 67.00 m AHD)

At 1700 Friday, Wivenhoe Dam was 68.10 m AHD and rising steadily with one gate open to 1.5 metres and releasing about 168m³/s. River levels upstream of Wivenhoe Dam were rising again, generating further inflow to the dam. It is intended to ramp up the release from Wivenhoe to about 1,200m³/s during the next 18 hours. However, given the high likelihood of significant inflows in the next week, this may be increased later on the weekend.

Since the commencement of the event on 02/01/2011, approximately 140,000ML has flowed into Wivenhoe Dam with a further 160,000ML expected (including Somerset release) based on the recorded rainfall to date. Approximately 24,000ML has been released from Wivenhoe via the hydro and regulator at about 50m³/s.

Impacts downstream of Wivenhoe

The projected Wivenhoe release of 1,200m³/s combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing) will be adversely impacted for several days. At this stage Fernvale and Mt Crosby Weir Bridge are not expected to be affected.

31/03/2011

Discussions were held with Brisbane City Council and BoM with all agencies agreeing that the combined flow in the lower Brisbane R will only add 50mm to an upper limit of 100mm to the recorded water levels in the City Reach of the Brisbane River. However, it is noted that tides in the lower Brisbane R will be 0.4 to 0.5 metres higher than predicted tides

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the Wivenhoe operating strategy.

Leslie Harrison

Given its proximity to the coast Leslie Harrison is likely to be most impacted by the forecast rain over the next 4 days.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 7 January 2011 18:59
To: [REDACTED]
Cc: [REDACTED]
Subject: SitRep Clarification

BCC pointed out that they have not done any analysis and do not necessarily agree with the 50 to 100mm but have accepted the BoM and Seqwater estimate.

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 8 January 2011 06:32
To: [REDACTED]

Subject: Situation Report 0600 Saturday 08/01/2011

Rainfall

Since 0900 Friday, there has been widespread 20 to 40mm throughout North Pine, Somerset and Wivenhoe catchments with isolated higher totals of 70mm in the upper reaches of the Brisbane R. [No significant rain has fallen in the past 12 hours.](#)

Advice from BoM indicates that SE Qld can expect further high rainfall totals over the next 4 days.

Saturday: Rain light at times 5-50mm with higher falls along the coast
 Sunday: Widespread rain with totals between 50-100mm
 Monday: Widespread rain again with totals between 50-100mm
 Tuesday: Rain easing with totals between 25-50mm

Given the saturated conditions of the catchments, significant inflows to Seqwater dams will be generated, especially following the forecast rainfall on Sunday/Monday

North Pine (Full Supply Level 39.60 m AHD)

At [0600 Saturday](#), North Pine [Lake Level was 39.46 m AHD and slowly rising.](#) Currently [3 gates are open to release](#) runoff from rain on [Wed/Thursday/Friday](#). Given the very high likelihood of significant runoff during the next 4 days, gates will be kept open to match inflows over the next few days, rather than opening and closing at various times with short notice. Youngs Crossing will remain adversely impacted for the duration of the gates being open. Moreton Bay Regional Council has been advised and concurs with this strategy.

Somerset (Full Supply Level 99.00 m AHD)

At [0500 Saturday](#), Somerset Dam level was 100.42m AHD and rising. [The Dam is releasing into Wivenhoe through one open sluice gate.](#) [Water will be temporarily held in Somerset to allow the inflow from the upper Brisbane is passed through the system.](#) However, this strategy may need to be reviewed if significant runoff occurs in the Stanley and Upper Brisbane. Under circumstances of high inflows to Somerset and Wivenhoe, it is the usual practice to hold flood water in Somerset until there is a high level of confidence in the estimated inflows to Wivenhoe.

Since the commencement of the event on 02/01/2011, approximately [85,000ML](#) has flowed into Somerset Dam with a further [20,000ML](#) expected based on the recorded rainfall to date. Approximately [25,000ML](#) has been released into Wivenhoe.

Wivenhoe (Full Supply Level 67.00 m AHD)

At [0600 Saturday](#), Wivenhoe Dam was 68.45 m AHD and rising steadily with [all five gates open](#) and releasing about [890 m3/s](#). River levels upstream of Wivenhoe Dam were rising again, generating further inflow to the dam. It is intended to ramp up the release from Wivenhoe to 1,200m3/s [by midday Saturday 08/01/2011.](#) [Further assessments will be undertaken to determine increases above this level.](#) However, given the high likelihood of significant inflows in the next week, this may be increased.

Since the commencement of the event on 02/01/2011, approximately [200,000ML](#) has flowed into Wivenhoe Dam (including Somerset releases) with a further [180,000ML](#) expected based on the recorded rainfall to date. Approximately [50,000ML](#) has been released from Wivenhoe via the hydro and regulator at about 50m3/s.

Impacts downstream of Wivenhoe

The projected Wivenhoe release of 1,200m3/s combined with Lockyer flows and local runoff will mean that all crossings

31/03/2011

downstream of Wivenhoe (Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing) will be adversely impacted for several days. At this stage Fernvale and Mt Crosby Weir Bridge are not expected to be affected but they could potentially be affected if the predicted rainfall totals eventuate.

The current available assessments indicate that the combined flow in the lower Brisbane R would only add 50mm to an upper limit of 100mm to the recorded water levels in the City Reach of the Brisbane Rive. However, it is noted that tides in the lower Brisbane R will be 0.4 to 0.5 metres higher than predicted tides

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the Wivenhoe operating strategy.

John Ruffini
Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Saturday, 8 January 2011 08:08

To: [REDACTED]

Subject: Wivenhoe Dam Directive # 4 at 08:15 on Saturday 8 January 2011

Attachments: OPS_Directive_Wivenhoe #4.doc

Please find attached a copy of Wivenhoe Dam Directive # 4 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 8 January 2011 10:18
To: [REDACTED]
Subject: North Pine Dam Directive # 5 at 10:15 on Saturday 8 January 2011
Attachments: OPS_Directive_NorthPine #5.doc

Please find attached Directive # 5 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]**Sent:** Saturday, 8 January 2011 11:23**To:** [REDACTED]**Subject:** Somerset Dam Directive # 3 at 11:30 on Saturday 8 January 2011**Attachments:** OPS_Directive_Somerset #3.doc

Please find attached Directive # 3 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 8 January 2011 12:16
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Status Report at 12:00 on Saturday 8 January 2011

Rainfall

No significant rain has fallen over the dam catchments in the past 18 hours.

Advice from BoM indicates that SE Qld can expect further high rainfall totals over the next 4 days.

Saturday: Rain light at times 5-50mm with higher falls along the coast
 Sunday: Widespread rain with totals between 50-100mm
 Monday: Widespread rain again with totals between 50-100mm
 Tuesday: Rain easing with totals between 25-50mm

Given the saturated conditions of the catchments, significant inflows to Seqwater dams will be generated, especially following the forecast rainfall on Sunday/Monday.

North Pine (Full Supply Level 39.60 m AHD)

At 1200 Saturday, North Pine Lake Level was 39.46 m AHD and is steady. Currently 2 gates are open to release runoff generated from rainfall over the last three days. Given the very high likelihood of significant runoff during the next 4 days, gates will be kept open to match inflows over the next few days, rather than opening and closing at various times with short notice. Lake Kurwongbah spillway flows are also contributing to the adverse impacts experienced at Youngs Crossing.

Youngs Crossing will remain adversely impacted for the duration of the gates being open.

Moreton Bay Regional Council has been advised and concurs with this strategy.

Somerset (Full Supply Level 99.00 m AHD)

At 1000 Saturday, Somerset Dam level peaked at 100.47m AHD and is now slowly falling. At 1200 it is now 100.45m. Somerset Dam is releasing into Wivenhoe through two open sluice gates and over the fixed crest at a rate of about 415 m3/s.

Since the commencement of the event on 02/01/2011, approximately 91,000ML has flowed into Somerset Dam with a further 20,000ML expected based on the recorded rainfall to date. Approximately 29,000ML has been released into Wivenhoe.

Wivenhoe (Full Supply Level 67.00 m AHD)

At 1200 Saturday, Wivenhoe Dam was 68.60 m AHD and rising steadily with all five gates open and releasing about 1,150 m3/s. River levels upstream of Wivenhoe Dam have peaked and are now receding. However the further inflows into the dam has led to elevated levels. It is intended to increase the release from Wivenhoe to 1,250 m3/s by 14:00 on Saturday 08/01/2011. This will maintain flows of up to 1,600 m3/s in the mid-Brisbane River throughout the afternoon.

Further assessments will be undertaken to determine increases above this level given the high likelihood of significant inflows in the next few days. The interaction with runoff from the Bremer River and Warrill Creek catchment will also be assessed to determine an appropriate release strategy. Projections based upon the forecast rainfalls suggest flows of up to 1,200 m3/s will emanate from the Bremer River catchment.

Since the commencement of the event on 02/01/2011, approximately 202,000ML has flowed into Wivenhoe Dam (including Somerset releases) with a further 210,000ML expected based on the recorded rainfall to date. Approximately 66,000ML has been released from Wivenhoe via the radial gates, hydro and regulator.

Impacts downstream of Wivenhoe

The projected Wivenhoe release of 1,250m³/s and combined with Lockyer flows and local runoff will mean that all low level crossings downstream of Wivenhoe (Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing) will be adversely impacted for several days. At this stage Fernvale and Mt Crosby Weir Bridge are not expected to be affected, but they could potentially be affected if the predicted rainfall totals eventuate and higher releases from Wivenhoe Dam are considered necessary.

The current available assessments indicate that the combined flow in the lower Brisbane River would only add 50mm to an upper limit of 100mm to the recorded water levels in the City Reach of the Brisbane River. However, it is noted that tides in the lower Brisbane R will be 0.4 to 0.5 metres higher than predicted tides. The tide level at the Port Office Gauge at 1200 Saturday was 1.56 m and rising.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the Wivenhoe operating strategy.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 8 January 2011 14:58
To: [REDACTED]

Subject: Projected Releases - Wivenhoe Dam at 1500 on Saturday 8 January 2011

Please find attached a copy of the projected release for Wivenhoe Dam based upon our current strategy. This will be subject to change if the forecast rainfall occurs.

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
02/01/2011 20:00:00	50	Actual
02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
03/01/2011 01:00:00	50	Actual
03/01/2011 02:00:00	50	Actual
03/01/2011 03:00:00	50	Actual
03/01/2011 04:00:00	50	Actual
03/01/2011 05:00:00	50	Actual
03/01/2011 06:00:00	50	Actual
03/01/2011 07:00:00	50	Actual
03/01/2011 08:00:00	50	Actual
03/01/2011 09:00:00	50	Actual
03/01/2011 10:00:00	50	Actual
03/01/2011 11:00:00	50	Actual
03/01/2011 12:00:00	50	Actual
03/01/2011 13:00:00	50	Actual
03/01/2011 14:00:00	50	Actual
03/01/2011 15:00:00	50	Actual
03/01/2011 16:00:00	50	Actual
03/01/2011 17:00:00	50	Actual
03/01/2011 18:00:00	50	Actual
03/01/2011 19:00:00	50	Actual
03/01/2011 20:00:00	50	Actual
03/01/2011 21:00:00	50	Actual
03/01/2011 22:00:00	50	Actual
03/01/2011 23:00:00	50	Actual
04/01/2011 00:00:00	50	Actual
04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual

31/03/2011

04/01/2011 03:00:00	50	Actual
04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
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04/01/2011 09:00:00	50	Actual
04/01/2011 10:00:00	50	Actual
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04/01/2011 16:00:00	50	Actual
04/01/2011 17:00:00	50	Actual
04/01/2011 18:00:00	50	Actual
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17/01/2011 08:00:00	13	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 8 January 2011 17:53
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 18:00 on Saturday 8 January 2011

Rainfall

Some rain has fallen over the dam catchments in the past 12 hours. Catchment average rainfall for this period for North Pine Dam is 6 mm; Stanley River has received 12 mm; and the Upper Brisbane River 4 mm. This has resulted in minor increases in runoff into Somerset dam.

Advice from BoM indicates that SE Qld can expect further high rainfall totals over the next 4 days.

The forecast for the Somerset-Wivenhoe catchment for the next 24 hours is 30 to 50 mm, whilst North Pine is expected to receive 40 to 60 mm in the next 24 hours

The outlook for the following days are:-

Sunday: Widespread rain with totals between 50-100mm
Monday: Widespread rain again with totals between 50-150mm
Tuesday: Rain easing with totals between 25-50mm

Given the saturated conditions of the catchments, significant inflows to Seqwater dams will be generated, especially following the forecast rainfall on Sunday/Monday.

North Pine (Full Supply Level 39.60 m AHD)

At 1700 Saturday, North Pine Lake Level was 39.47 m AHD and steady. Currently two gates are open to release runoff generated from rainfall over the last three days. Given the very high likelihood of significant runoff during the next 4 days, gates will be kept open to match inflows over the next few days, rather than opening and closing at various times with short notice. Lake Kurwongbah spillway flows are also contributing to the adverse impacts experienced at Youngs Crossing.

Youngs Crossing will remain adversely impacted for the duration of the gates being open.

Moreton Bay Regional Council has been advised and concurs with this strategy.

Somerset (Full Supply Level 99.00 m AHD)

Somerset Dam level peaked at 100.47m AHD at 10:00 today and is now slowly falling. At 1700 it is now 100.41m. Somerset Dam is releasing into Wivenhoe through two open sluice gates and over the fixed crest at a rate of about 415 m3/s.

Since the commencement of the event on 02/01/2011, approximately 95,000ML has flowed into Somerset Dam with a further 20,000ML expected based on the recorded rainfall to date. Approximately 38,000ML has been released into Wivenhoe.

Wivenhoe (Full Supply Level 67.00 m AHD)

At 1800 Saturday, Wivenhoe Dam was 68.65 m AHD and rising slowly with all five gates open and releasing about 1,250 m3/s. River levels upstream of Wivenhoe Dam have peaked and are now receding. However the further inflows may result from any additional rainfall. The current gate operation strategy will maintain flows of up to 1,600 m3/s in the mid-Brisbane River throughout the evening.

Since the commencement of the event on 02/01/2011, approximately 227,000ML has flowed into Wivenhoe Dam (including Somerset releases) with a further 200,000ML expected based on the recorded rainfall to date. Approximately 93,000ML has been released from Wivenhoe via the radial gates, hydro and regulator.

Impacts downstream of Wivenhoe

The current Wivenhoe release of 1,250m³/s combined with Lockyer flows and local runoff will mean that all low level crossings downstream of Wivenhoe (Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing) will be adversely impacted for several days (until Wednesday 12 January). At this stage Fernvale and Mt Crosby Weir Bridge are not expected to be affected, but they could potentially be affected if the predicted rainfall totals eventuate and higher releases from Wivenhoe Dam are considered necessary.

The current available assessments indicate that the combined flow in the lower Brisbane River would only add 50mm to an upper limit of 100mm to the recorded water levels in the City Reach of the Brisbane River. However, it is noted that tides in the lower Brisbane R will be 0.4 to 0.5 metres higher than predicted tides. The tide level at the Port Office Gauge at 1700 Saturday was 0.06 m and falling.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the Wivenhoe operating strategy.

Forecast Scenario – Based upon mid-range rainfall forecasts.

Assessments have been undertaken to determine possible increases to releases given the high likelihood of significant inflows in the next few days. The interaction with runoff from the Bremer River and Warrill Creek catchment is an important consideration as the event magnitude will require the application of Wivenhoe Dam flood operation strategy W2 (Transition strategy between minimizing downstream impacts and maximizing protection to urban areas).

Projections based upon the forecast rainfalls suggest flows of up to 1,200 m³/s will emanate from the Bremer River catchment. If similar rainfall magnitudes occur in the Upper Brisbane and Stanley Rivers then increased releases may be required from both Somerset Dam and Wivenhoe Dam. Preliminary projections suggest that such a forecast will extend the release duration until next Saturday 15 January, but mid-Brisbane River flows will be kept to a maximum of 1,800 m³/s. However, if falls are greater than those forecast releases from Wivenhoe Dam may need to adversely impact Mt Crosby Weir Bridge (1,900 m³/s) and possibly Fernvale Bridge (2,100 m³/s) but will be maintained below 3,500 m³/s.

The assessments will be updated as the event progresses.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 01:21
To: [REDACTED]

Subject: Wivenhoe Dam Directive #5

Attachments: OPS_Directive_Wivenhoe #5.doc

Please find attached a copy of Wivenhoe Dam Directive # 5.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 04:41
To: [REDACTED]

Subject: Wivenhoe Dam Directive #6
Attachments: OPS_Directive_Wivenhoe #6.doc

Please find attached a copy of Wivenhoe Dam Directive # 6.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 06:15
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 06:00 on Sunday 9 January 2011

Rainfall

Catchment average rainfall for the past 12 hours is; North Pine Dam (less than 10 mm); Somerset Dam (40 mm); Wivenhoe Dam (less than 10 mm). The bulk of the rain that has fallen in the Somerset Dam catchment has occurred in the last two hours, with recorded falls exceeding 60mm in some areas. The BOM forecast for the next seven days issued at 0450 this morning is:-

Sunday:	Rain periods.
Monday:	Rain periods.
Tuesday:	Rain periods.
Wednesday	A few showers.
Thursday	A shower or two.
Friday	A shower or two.
Saturday	Mostly fine.

A severe weather warning remains current for heavy rainfall in the dam catchment areas. The dam catchments are relatively saturated and significant inflows will be generated if the forecast rainfall eventuates.

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is currently 39.47 m AHD and steady. Two radial gates remain open to release runoff generated from recent rainfall. Based on rainfall forecasts, the radial gates have been kept open in anticipation of further inflows over the next few days. However unless significant rain falls today, consideration will be given to closing the gates late this afternoon or early tomorrow morning and discussions to finalise a decision on the timing of radial gate closure will be held with the Moreton Bay Regional Council later today. Youngs crossing will remain closed while releases are in progress.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is currently falling slowly, with the current level being 100.27m AHD. However the rain that has fallen in the dam catchment over the last two hours (recorded falls exceed 60mm in some areas) will result in significant inflows later today. The current release rate into Wivenhoe Dam is 35,000ML/day. Since the commencement of the event on 02/01/2011 approximately 56,000ML has been released from the dam, with a total of at least 150,000ML to be released based on the currently recorded rainfall. The total release for the event is likely to increase significantly over the next few days based on the current rainfall forecasts. At this stage, releases will continue until at least Tuesday.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is currently falling slowly, with the current level being 68.58m AHD. River levels upstream of the dam are receding, however further inflows will result from any additional rainfall. The current gate operation strategy will maintain flows of around 1,600m³/s in the mid-Brisbane River. The current release rate from Wivenhoe Dam is 116,000ML/day. Since the commencement of the event on 02/01/2011 approximately 150,000ML has been released from the dam, with a total of at least 450,000ML to be released based on the currently recorded rainfall. The total release for the event is likely to increase over the next few days based on the current rainfall forecasts. At this stage, releases will continue until at least Wednesday.

Impacts downstream of Wivenhoe Dam

The current Wivenhoe Dam release combined with Lockyer flows and local runoff will mean that all low level crossings downstream of Wivenhoe (Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing) will be

31/03/2011

adversely impacted until at least Wednesday 12 January. At this stage Fernvale and Mt Crosby Weir Bridge are not expected to be affected, but this may be revised if the predicted rainfall totals eventuate and higher releases from Wivenhoe Dam are considered necessary.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the Wivenhoe operating strategy.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 08:44
To: [REDACTED]

Subject: Wivenhoe Actual and Projected Releases

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 9/01/2011 8:42

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
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02/01/2011 13:00:00	50	Actual
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31/03/2011

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31/03/2011

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Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 17:51
To: [REDACTED]

Cc: Peter Allen
Subject: Situation Report 1700 Sunday 9/1/2011

Rainfall

Catchment average rainfall for the past 12 hours is; North Pine Dam (60 mm); Somerset Dam (150 mm); Wivenhoe Dam (80 mm). The bulk of the rain that has fallen in the upper reaches of the Stanley and Brisbane Rivers.

The BOM rainfall forecast for the next few days is:-

Monday:	Very heavy rain periods with totals up to 300mm centred around North Pine.
Tuesday:	Rain periods with totals up to 150mm centred around North Pine.
Wednesday	A few showers less than 10mm
Thursday	A shower or two.
Friday	A shower or two.
Saturday	Mostly fine.

A severe weather warning remains current for heavy rainfall in the dam catchment areas. The dam catchments are relatively saturated and significant inflows will be generated if the forecast rainfall eventuates.

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is currently 39.65 m AHD and rising at 1600. Following the rain in the 9 hours, the number of open gates has been increased from 2 to 5 which are expected to remain open for the next 12 hours. Youngs Crossing will remain closed while releases are in progress.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 100.75 m AHD and rising quickly. Estimated peak inflow to the dam is about 3,000m³/s. Five sluice gates are open releasing about 1,100m³/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam will reach at least 101.5 during early Tuesday morning.

Since the commencement of the event on 02/01/2011 approximately 80,000ML has been released from the dam, with an event total of at least 320,000ML based on the recorded rainfall to date. The event total is expected to increase significantly due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Wednesday.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is currently rising again, with the current level being 68.70m AHD. Estimated peak inflow to the dam just from the Upper Brisbane R is about 5,000m³/s and, at this stage, the dam will reach at least 72.5 m AHD during Wednesday morning. River levels upstream of the dam are rising quickly with significant inflow being generated from the intense heavy rainfall. The current gate operation strategy will maintain flows of around 1,600m³/s in the mid-Brisbane River for the next 24 hours. This may mean temporarily reducing releases from Wivenhoe Dam as Lockyer flows increase. However, releases may have to be increased significantly during Monday depending on the rain in the next 12 to 24 hours. The current release rate from Wivenhoe Dam is 1,400m³/s (120,000ML/day).

Since the commencement of the event on 02/01/2011 approximately 210,000ML has been released from the dam, with an event total approaching 1,000,000ML (including Somerset outflow) based on the recorded rainfall to date. The total release for the event is likely to increase over the next few days based on the current rainfall forecasts. At this stage, releases will continue until at least Saturday 15th January 2011.

Impacts downstream of Wivenhoe Dam

The current Wivenhoe Dam release combined with Lockyer flows and local runoff will mean that all low level crossings downstream of Wivenhoe (Twin Bridges, Savages Crossing, Burtons Bridge, Kholo Bridge and Colleges Crossing) will be adversely impacted until at least Saturday 15 January.

At this stage Fernvale and Mt Crosby Weir Bridge will not be affected for the next 24 hours but there is a strong possibility that, if the predicted rainfall totals eventuate in the next 12 to 24 hours, higher releases from Wivenhoe Dam will be necessary. This may adversely impact upon Fernvale and Mt Crosby Weir Bridges as early as Tuesday morning.

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the Wivenhoe operating strategy.

Terry Malone

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 17:57
To: flood.qld@bom.gov.au; Chris Lavin; Craig Logan; Don Carroll; Evan Caswell; James Charalambous; Ken Morris; Robert McGlinn; Santina Pennisi
Subject: Wivenhoe Actual and Projected Releases

Please note that projected releases may change significantly in the next 24 to 48 hours

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 9/01/2011 17:55

02/01/2011 09:00:00	50	Actual
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02/01/2011 11:00:00	50	Actual
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16/01/2011 21:00:00	13	Projected
16/01/2011 22:00:00	13	Projected
16/01/2011 23:00:00	13	Projected
17/01/2011 00:00:00	13	Projected
17/01/2011 01:00:00	13	Projected
17/01/2011 02:00:00	13	Projected
17/01/2011 03:00:00	13	Projected
17/01/2011 04:00:00	13	Projected
17/01/2011 05:00:00	13	Projected
17/01/2011 06:00:00	13	Projected

31/03/2011

17/01/2011 07:00:00 13 Projected
17/01/2011 08:00:00 13 Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 21:04
To: [REDACTED]
Cc: [REDACTED]
Subject: Situation Report 2100 9/01/2011
Importance: High

Rainfall

Very heavy rainfall has been recorded in the upper reaches of the Brisbane and Stanley in the last 6 hours with totals up 100 to 140mm. Totals for the last 24 hours range from 100 to 300mm.

Rainfall of similar magnitudes is expected in the 12 to 24 hours, especially around the Bremer/Warrill catchments as the system tracks south.

A severe weather warning remains current for heavy rainfall in the dam catchment areas.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 101.68 m AHD (about 500,000ML currently in storage) and rising quickly. Peak inflow to the dam is estimated to be about 4,000 m³/s based on observed rainfall and could be as high as 5,000m³/s with additional forecast rainfall. Five sluice gates are open releasing about 1,100m³/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam will reach at least 103.5 early Tuesday morning which will adversely impact areas around Kilcoy.

Since the commencement of the event on 02/01/2011 approximately 100,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This may increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

River levels upstream of the dam are rising quickly with significant inflow being generated from the intense heavy rainfall. Flows in the Brisbane River at Gregor's Ck have already reached 6,700m³/s and the river is still rising.

The dam level is rising again, with the current level being 69.10m AHD (1,410,000ML with about 300,00 of flood storage). Estimated peak inflow to the dam just from the Upper Brisbane R alone may reach as high as 7,500m³/s and, at this stage, the dam will reach at least 73.0 m AHD during Tuesday morning. Given the rapid increase in inflow volumes, it will be necessary to increase the release from Wivenhoe Monday morning.

The objective for dam operations will be to minimise the impact of urban flooding in areas downstream of the dam and, at this stage, releases will be kept below 3,500m³/s and the combined flows in the lower Brisbane will be limited to 4,000m³/s. This is below the limit of urban damages in the City reaches.

The current release rate from Wivenhoe Dam is 1,400m³/s (120,000ML/day). Gate opening will start to be increased from noon Monday and the release is expected increase to at least 2,600m³/s during Tuesday morning.

Since the commencement of the event on 02/01/2011 approximately 220,000ML has been released from the dam, with an event total approaching 1,000,000ML without further rain and as much as 1,500,000ML with forecast rainfall of (both including Somerset outflow). At this stage, releases will continue until at least Sunday 16th January 2011.

Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

31/03/2011

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone



Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 21:08
To: flood.qld@bom.gov.au; Chris Lavin; Craig Logan; Don Carroll; Evan Caswell; James Charalambous; Ken Morris; Robert McGlinn; Santina Pennisi
Subject: Actual and Projected Wivenhoe Releases

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 9/01/2011 20:52

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02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
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31/03/2011

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31/03/2011

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31/03/2011

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17/01/2011 08:00:00	1692	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 01:14
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 01:00 hrs on Monday 10 January 2011

Rainfall

Very heavy rainfall has been recorded in the Upper Brisbane and Stanley Rivers in the last 12 hours with totals up 100 to 240mm. Totals for the last 24 hours range from 100 to 300mm.

Rainfall of similar magnitudes is expected in the 12 to 24 hours around the downstream catchments as the system tracks south.

A severe weather warning remains current for heavy rainfall in the dam catchment areas.

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level was 39.95 m and steady. Five gates are open releasing 445 m³/s. The inflow into the dam since the commencement of the event is 42,000 ML. Estimated event volume is 57,000 ML assuming no further rainfall. Gate operations will continue until at least Tuesday 11 January 2011.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 102.22 m AHD and rising quickly (storing 157,000 ML above FSL). Peak inflow to the dam is estimated to be about 4,200 m³/s based on observed rainfall and could be as high as 5,000m³/s with additional forecast rainfall. Five sluice gates are open releasing about 1,100m³/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam will reach at least 103.5 on Monday afternoon which will adversely impact areas around Kilcoy.

Since the commencement of the event on 02/01/2011 approximately 115,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This is expected to increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

River levels upstream of the dam are rising quickly with significant inflow being generated from the intense heavy rainfall. Flows in the Brisbane River at Gregor's Ck have already reached 7,350m³/s and the river has just peaked at 23:00 on Sunday 9 January.

The dam level is rising quickly, with the current level being 69.60m AHD (storing 301,000 ML). Estimated peak inflow to the dam just from the Upper Brisbane R alone may reach as high as 8,800m³/s and, at this stage, the dam will reach at least 73.3 m AHD during Tuesday morning. Given the rapid increase in inflow volumes, it will be necessary to increase the release from Wivenhoe during Monday morning.

The objective for dam operations will be to minimise the impact of urban flooding in areas downstream of the dam and, at this stage, releases will be kept below 3,500m³/s and the combined flows in the lower Brisbane will be limited to 4,000m³/s if possible.

Fernvale Bridge approaches and Mt Crosby Weir Bridge have been inundated and both bridges are now closed or are in the process of being closed.

The current release rate from Wivenhoe Dam is 1,400m³/s (120,000ML/day). Gate opening will start to be increased during early Monday morning and the release is expected to increase to at least 2,600m³/s.

Since the commencement of the event on 02/01/2011 approximately 240,000ML has been released from the dam, with an event total approaching 1,500,000ML without further rain and as much as 2,100,000ML with forecast rainfall of (both including

Somerset outflow). At this stage, releases will continue until at least Sunday 16th January 2011.

Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam. If the predicted rainfall eventuates in the downstream tributary catchments the resultant combined flows in the lower Brisbane may exceed the threshold of damaging discharge in the urban areas within the next 24 to 48 hours.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

Regards

John Ruffini

Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 01:56
To: [REDACTED]

Subject: Wivenhoe Dam Actual and Projected Releases - 0200 on Monday 10 January 2011

Wivenhoe Dam Actual and Projected
Releases

		10/01/2011
Source: Seqwater FOC		1:46
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02/01/2011		
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02/01/2011		
11:00:00	50	Actual
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12:00:00	50	Actual
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16/01/2011		
08:00:00	1193	Projected
16/01/2011		
09:00:00	1143	Projected
16/01/2011		
10:00:00	1093	Projected
16/01/2011		
11:00:00	1042	Projected
16/01/2011		
12:00:00	991	Projected
16/01/2011		
13:00:00	941	Projected
16/01/2011		
14:00:00	891	Projected
16/01/2011		
15:00:00	840	Projected
16/01/2011		
16:00:00	789	Projected
16/01/2011		
17:00:00	738	Projected
16/01/2011		
18:00:00	688	Projected
16/01/2011		
19:00:00	638	Projected

16/01/2011

31/03/2011

20:00:00	588	Projected
16/01/2011		
21:00:00	538	Projected
16/01/2011		
22:00:00	488	Projected
16/01/2011		
23:00:00	444	Projected
17/01/2011		
00:00:00	395	Projected
17/01/2011		
01:00:00	345	Projected
17/01/2011		
02:00:00	300	Projected
17/01/2011		
03:00:00	255	Projected
17/01/2011		
04:00:00	208	Projected
17/01/2011		
05:00:00	160	Projected
17/01/2011		
06:00:00	112	Projected
17/01/2011		
07:00:00	62	Projected
17/01/2011		
08:00:00	13	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Monday, 10 January 2011 02:07

To: [REDACTED]

Subject: Wivenhoe Dam Directive # 8 at 02:00 on Monday 10 January 2011

Attachments: OPS_Directive_Wivenhoe #8.doc

Please find attached Directive # 8 for your action.

Regards

John Ruffini

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 06:30
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 06:00 on Monday 10 January 2011

Rainfall

Moderate to heavy rainfall has been recorded in the Upper Brisbane and Stanley Rivers in the last 12 hours with totals up to 90 mm. Totals for the last 24 hours range from 100 to 325mm.

Mt Glorious recorded 100 mm in the last 12 hours.

Rainfall of similar magnitudes is expected in the 12 to 24 hours around the downstream catchments as the system tracks south.

A severe weather warning remains current for heavy rainfall in the dam catchment areas.

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level was 39.97 m and steady. Five gates are open releasing 475 m³/s. The inflow into the dam since the commencement of the event is 52,000 ML. Estimated event volume is 72,000 ML assuming no further rainfall. Gate operations will continue until at least Tuesday 11 January 2011.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level at 05:00 was 102.84 m AHD and rising (storing 193,000 ML above FSL). Peak inflow to the dam is estimated to be about 4,200 m³/s based on observed rainfall and could be as high as 5,000m³/s with additional forecast rainfall. Five sluice gates are open releasing about 1,100m³/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam lake level will reach about 103.5 m AHD on Monday afternoon. Areas around Kilcoy will continue to be adversely affected.

Since the commencement of the event on 02/01/2011 approximately 142,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This is expected to increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

River levels upstream of the dam have peaked and are falling slowly with significant inflow being generated from the intense heavy rainfall. Flows in the Brisbane River at Gregor's Ck have peaked at 7,350m³/s at 23:00 on Sunday 9 January. This peak is bigger than January 1974 and February 1999 at this location.

The dam level is rising quickly, with the current level being 70.77m AHD (storing 450,000 ML). Estimated peak inflow to the dam just from the Upper Brisbane R is around 8,800m³/s and, at this stage, the dam will reach at least 73.3 m AHD during Tuesday morning. Given the rapid increase in inflow volumes, it was necessary to start to increase the release from Wivenhoe during Monday morning.

The objective for dam operations will be to minimise the impact of urban flooding in areas downstream of the dam and, at this stage, releases will be kept below 3,500m³/s and the combined flows in the lower Brisbane will be limited to 4,000m³/s if possible. This is significantly less than the current estimated combined pre-dam peak inflow of 12,000 m³/s.

Fernvale Bridge approaches and Mt Crosby Weir Bridge have been inundated and both bridges are now closed.

The current release rate from Wivenhoe Dam is 1,753m³/s (150,000ML/day). Gate opening will continue to be increased during Monday and the release is expected to increase to at least 2,600m³/s in the next 12 to 24 hours.

Since the commencement of the event on 02/01/2011 approximately 275,000ML has been released from the dam, with an event total approaching 1,600,000ML without further rain and as much as 2,100,000ML with forecast rainfall of (both including 31/03/2011

Somerset outflow). At this stage, releases will continue until at least Sunday 16th January 2011.

Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam. If the predicted rainfall eventuates in the downstream tributary catchments the resultant combined flows in the lower Brisbane may exceed the threshold of damaging discharge in the urban areas within the next 24 to 48 hours. Currently the estimate peak flow in the lower Brisbane River will be the highest since Wivenhoe Dam was completed in 1984 but still well below flows the 1974 levels.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

Outlook

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate rapidly over the next 24 hours. The flood operation centre will continue to monitor the situation and provide every six hours until the situation stabilizes.

John Ruffini

Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 06:32
To: [REDACTED]
Subject: Actual and Projected Wivenhoe Releases

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 10/01/2011 6:05

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
02/01/2011 20:00:00	50	Actual
02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
03/01/2011 01:00:00	50	Actual
03/01/2011 02:00:00	50	Actual
03/01/2011 03:00:00	50	Actual
03/01/2011 04:00:00	50	Actual
03/01/2011 05:00:00	50	Actual
03/01/2011 06:00:00	50	Actual
03/01/2011 07:00:00	50	Actual
03/01/2011 08:00:00	50	Actual
03/01/2011 09:00:00	50	Actual
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04/01/2011 00:00:00	50	Actual
04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual
04/01/2011 03:00:00	50	Actual

31/03/2011

04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
04/01/2011 08:00:00	50	Actual
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31/03/2011

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07/01/2011 23:00:00	471	Actual
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31/03/2011

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31/03/2011

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31/03/2011

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31/03/2011

15/01/2011 05:00:00	2258	Projected
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16/01/2011 01:00:00	1402	Projected
16/01/2011 02:00:00	1351	Projected
16/01/2011 03:00:00	1348	Projected
16/01/2011 04:00:00	1296	Projected
16/01/2011 05:00:00	1244	Projected
16/01/2011 06:00:00	1198	Projected
16/01/2011 07:00:00	1148	Projected
16/01/2011 08:00:00	1146	Projected
16/01/2011 09:00:00	1096	Projected
16/01/2011 10:00:00	1044	Projected
16/01/2011 11:00:00	993	Projected
16/01/2011 12:00:00	943	Projected
16/01/2011 13:00:00	941	Projected
16/01/2011 14:00:00	891	Projected
16/01/2011 15:00:00	840	Projected
16/01/2011 16:00:00	789	Projected
16/01/2011 17:00:00	739	Projected
16/01/2011 18:00:00	738	Projected
16/01/2011 19:00:00	688	Projected
16/01/2011 20:00:00	638	Projected
16/01/2011 21:00:00	587	Projected
16/01/2011 22:00:00	537	Projected
16/01/2011 23:00:00	537	Projected
17/01/2011 00:00:00	487	Projected
17/01/2011 01:00:00	444	Projected
17/01/2011 02:00:00	394	Projected
17/01/2011 03:00:00	344	Projected
17/01/2011 04:00:00	344	Projected
17/01/2011 05:00:00	300	Projected
17/01/2011 06:00:00	254	Projected
17/01/2011 07:00:00	208	Projected
17/01/2011 08:00:00	160	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 09:56
To: [REDACTED]

Subject: Actual and projected Wivenhoe releases

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 10/01/2011 9:07

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
02/01/2011 20:00:00	50	Actual
02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
03/01/2011 01:00:00	50	Actual
03/01/2011 02:00:00	50	Actual
03/01/2011 03:00:00	50	Actual
03/01/2011 04:00:00	50	Actual
03/01/2011 05:00:00	50	Actual
03/01/2011 06:00:00	50	Actual
03/01/2011 07:00:00	50	Actual
03/01/2011 08:00:00	50	Actual
03/01/2011 09:00:00	50	Actual
03/01/2011 10:00:00	50	Actual
03/01/2011 11:00:00	50	Actual
03/01/2011 12:00:00	50	Actual
03/01/2011 13:00:00	50	Actual
03/01/2011 14:00:00	50	Actual
03/01/2011 15:00:00	50	Actual
03/01/2011 16:00:00	50	Actual
03/01/2011 17:00:00	50	Actual
03/01/2011 18:00:00	50	Actual
03/01/2011 19:00:00	50	Actual
03/01/2011 20:00:00	50	Actual
03/01/2011 21:00:00	50	Actual
03/01/2011 22:00:00	50	Actual
03/01/2011 23:00:00	50	Actual
04/01/2011 00:00:00	50	Actual
04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual
04/01/2011 03:00:00	50	Actual

31/03/2011

04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
04/01/2011 08:00:00	50	Actual
04/01/2011 09:00:00	50	Actual
04/01/2011 10:00:00	50	Actual
04/01/2011 11:00:00	50	Actual
04/01/2011 12:00:00	50	Actual
04/01/2011 13:00:00	50	Actual
04/01/2011 14:00:00	50	Actual
04/01/2011 15:00:00	50	Actual
04/01/2011 16:00:00	50	Actual
04/01/2011 17:00:00	50	Actual
04/01/2011 18:00:00	50	Actual
04/01/2011 19:00:00	50	Actual
04/01/2011 20:00:00	50	Actual
04/01/2011 21:00:00	50	Actual
04/01/2011 22:00:00	50	Actual
04/01/2011 23:00:00	50	Actual
05/01/2011 00:00:00	50	Actual
05/01/2011 01:00:00	50	Actual
05/01/2011 02:00:00	50	Actual
05/01/2011 03:00:00	50	Actual
05/01/2011 04:00:00	50	Actual
05/01/2011 05:00:00	50	Actual
05/01/2011 06:00:00	50	Actual
05/01/2011 07:00:00	50	Actual
05/01/2011 08:00:00	50	Actual
05/01/2011 09:00:00	50	Actual
05/01/2011 10:00:00	50	Actual
05/01/2011 11:00:00	50	Actual
05/01/2011 12:00:00	50	Actual
05/01/2011 13:00:00	50	Actual
05/01/2011 14:00:00	50	Actual
05/01/2011 15:00:00	50	Actual
05/01/2011 16:00:00	50	Actual
05/01/2011 17:00:00	50	Actual
05/01/2011 18:00:00	50	Actual
05/01/2011 19:00:00	50	Actual
05/01/2011 20:00:00	50	Actual
05/01/2011 21:00:00	50	Actual
05/01/2011 22:00:00	50	Actual
05/01/2011 23:00:00	50	Actual
06/01/2011 00:00:00	50	Actual
06/01/2011 01:00:00	50	Actual
06/01/2011 02:00:00	50	Actual
06/01/2011 03:00:00	50	Actual
06/01/2011 04:00:00	50	Actual
06/01/2011 05:00:00	50	Actual
06/01/2011 06:00:00	50	Actual
06/01/2011 07:00:00	50	Actual
06/01/2011 08:00:00	50	Actual

31/03/2011

06/01/2011 09:00:00	50	Actual
06/01/2011 10:00:00	50	Actual
06/01/2011 11:00:00	50	Actual
06/01/2011 12:00:00	50	Actual
06/01/2011 13:00:00	50	Actual
06/01/2011 14:00:00	50	Actual
06/01/2011 15:00:00	50	Actual
06/01/2011 16:00:00	50	Actual
06/01/2011 17:00:00	50	Actual
06/01/2011 18:00:00	50	Actual
06/01/2011 19:00:00	50	Actual
06/01/2011 20:00:00	50	Actual
06/01/2011 21:00:00	50	Actual
06/01/2011 22:00:00	50	Actual
06/01/2011 23:00:00	50	Actual
07/01/2011 00:00:00	50	Actual
07/01/2011 01:00:00	50	Actual
07/01/2011 02:00:00	50	Actual
07/01/2011 03:00:00	50	Actual
07/01/2011 04:00:00	50	Actual
07/01/2011 05:00:00	50	Actual
07/01/2011 06:00:00	50	Actual
07/01/2011 07:00:00	50	Actual
07/01/2011 08:00:00	50	Actual
07/01/2011 09:00:00	50	Actual
07/01/2011 10:00:00	50	Actual
07/01/2011 11:00:00	50	Actual
07/01/2011 12:00:00	50	Actual
07/01/2011 13:00:00	50	Actual
07/01/2011 14:00:00	50	Actual
07/01/2011 15:00:00	64	Actual
07/01/2011 16:00:00	116	Actual
07/01/2011 17:00:00	167	Actual
07/01/2011 18:00:00	218	Actual
07/01/2011 19:00:00	268	Actual
07/01/2011 20:00:00	316	Actual
07/01/2011 21:00:00	364	Actual
07/01/2011 22:00:00	417	Actual
07/01/2011 23:00:00	470	Actual
08/01/2011 00:00:00	523	Actual
08/01/2011 01:00:00	576	Actual
08/01/2011 02:00:00	629	Actual
08/01/2011 03:00:00	683	Actual
08/01/2011 04:00:00	736	Actual
08/01/2011 05:00:00	789	Actual
08/01/2011 06:00:00	843	Actual
08/01/2011 07:00:00	897	Actual
08/01/2011 08:00:00	945	Actual
08/01/2011 09:00:00	998	Actual
08/01/2011 10:00:00	1051	Actual
08/01/2011 11:00:00	1104	Actual
08/01/2011 12:00:00	1158	Actual
08/01/2011 13:00:00	1209	Actual

31/03/2011

08/01/2011 14:00:00	1261	Actual
08/01/2011 15:00:00	1262	Actual
08/01/2011 16:00:00	1262	Actual
08/01/2011 17:00:00	1263	Actual
08/01/2011 18:00:00	1263	Actual
08/01/2011 19:00:00	1263	Actual
08/01/2011 20:00:00	1263	Actual
08/01/2011 21:00:00	1263	Actual
08/01/2011 22:00:00	1263	Actual
08/01/2011 23:00:00	1263	Actual
09/01/2011 00:00:00	1263	Actual
09/01/2011 01:00:00	1262	Actual
09/01/2011 02:00:00	1308	Actual
09/01/2011 03:00:00	1308	Actual
09/01/2011 04:00:00	1307	Actual
09/01/2011 05:00:00	1359	Actual
09/01/2011 06:00:00	1358	Actual
09/01/2011 07:00:00	1357	Actual
09/01/2011 08:00:00	1356	Actual
09/01/2011 09:00:00	1356	Actual
09/01/2011 10:00:00	1355	Actual
09/01/2011 11:00:00	1355	Actual
09/01/2011 12:00:00	1407	Actual
09/01/2011 13:00:00	1407	Actual
09/01/2011 14:00:00	1408	Actual
09/01/2011 15:00:00	1410	Actual
09/01/2011 16:00:00	1412	Actual
09/01/2011 17:00:00	1415	Actual
09/01/2011 18:00:00	1418	Actual
09/01/2011 19:00:00	1422	Actual
09/01/2011 20:00:00	1427	Actual
09/01/2011 21:00:00	1432	Actual
09/01/2011 22:00:00	1439	Actual
09/01/2011 23:00:00	1447	Actual
10/01/2011 00:00:00	1457	Actual
10/01/2011 01:00:00	1468	Actual
10/01/2011 02:00:00	1534	Actual
10/01/2011 03:00:00	1602	Actual
10/01/2011 04:00:00	1670	Actual
10/01/2011 05:00:00	1739	Actual
10/01/2011 06:00:00	1807	Actual
10/01/2011 07:00:00	1876	Actual
10/01/2011 08:00:00	1946	Actual
10/01/2011 09:00:00	2016	Actual
10/01/2011 10:00:00	2029	Projected
10/01/2011 11:00:00	2042	Projected
10/01/2011 12:00:00	2053	Projected
10/01/2011 13:00:00	2063	Projected
10/01/2011 14:00:00	2072	Projected
10/01/2011 15:00:00	2080	Projected
10/01/2011 16:00:00	2088	Projected
10/01/2011 17:00:00	2095	Projected
10/01/2011 18:00:00	2100	Projected

31/03/2011

10/01/2011 19:00:00	2106	Projected
10/01/2011 20:00:00	2110	Projected
10/01/2011 21:00:00	2115	Projected
10/01/2011 22:00:00	2118	Projected
10/01/2011 23:00:00	2122	Projected
11/01/2011 00:00:00	2125	Projected
11/01/2011 01:00:00	2127	Projected
11/01/2011 02:00:00	2130	Projected
11/01/2011 03:00:00	2132	Projected
11/01/2011 04:00:00	2133	Projected
11/01/2011 05:00:00	2135	Projected
11/01/2011 06:00:00	2423	Projected
11/01/2011 07:00:00	2536	Projected
11/01/2011 08:00:00	2651	Projected
11/01/2011 09:00:00	2708	Projected
11/01/2011 10:00:00	2707	Projected
11/01/2011 11:00:00	2707	Projected
11/01/2011 12:00:00	2706	Projected
11/01/2011 13:00:00	2705	Projected
11/01/2011 14:00:00	2704	Projected
11/01/2011 15:00:00	2702	Projected
11/01/2011 16:00:00	2701	Projected
11/01/2011 17:00:00	2699	Projected
11/01/2011 18:00:00	2698	Projected
11/01/2011 19:00:00	2696	Projected
11/01/2011 20:00:00	2694	Projected
11/01/2011 21:00:00	2692	Projected
11/01/2011 22:00:00	2690	Projected
11/01/2011 23:00:00	2688	Projected
12/01/2011 00:00:00	2685	Projected
12/01/2011 01:00:00	2683	Projected
12/01/2011 02:00:00	2681	Projected
12/01/2011 03:00:00	2678	Projected
12/01/2011 04:00:00	2675	Projected
12/01/2011 05:00:00	2673	Projected
12/01/2011 06:00:00	2670	Projected
12/01/2011 07:00:00	2667	Projected
12/01/2011 08:00:00	2664	Projected
12/01/2011 09:00:00	2662	Projected
12/01/2011 10:00:00	2659	Projected
12/01/2011 11:00:00	2656	Projected
12/01/2011 12:00:00	2653	Projected
12/01/2011 13:00:00	2650	Projected
12/01/2011 14:00:00	2646	Projected
12/01/2011 15:00:00	2643	Projected
12/01/2011 16:00:00	2640	Projected
12/01/2011 17:00:00	2637	Projected
12/01/2011 18:00:00	2634	Projected
12/01/2011 19:00:00	2630	Projected
12/01/2011 20:00:00	2627	Projected
12/01/2011 21:00:00	2624	Projected
12/01/2011 22:00:00	2620	Projected
12/01/2011 23:00:00	2617	Projected

31/03/2011

13/01/2011 00:00:00	2614	Projected
13/01/2011 01:00:00	2610	Projected
13/01/2011 02:00:00	2607	Projected
13/01/2011 03:00:00	2603	Projected
13/01/2011 04:00:00	2600	Projected
13/01/2011 05:00:00	2596	Projected
13/01/2011 06:00:00	2593	Projected
13/01/2011 07:00:00	2589	Projected
13/01/2011 08:00:00	2585	Projected
13/01/2011 09:00:00	2580	Projected
13/01/2011 10:00:00	2576	Projected
13/01/2011 11:00:00	2570	Projected
13/01/2011 12:00:00	2565	Projected
13/01/2011 13:00:00	2560	Projected
13/01/2011 14:00:00	2554	Projected
13/01/2011 15:00:00	2548	Projected
13/01/2011 16:00:00	2542	Projected
13/01/2011 17:00:00	2536	Projected
13/01/2011 18:00:00	2531	Projected
13/01/2011 19:00:00	2524	Projected
13/01/2011 20:00:00	2518	Projected
13/01/2011 21:00:00	2511	Projected
13/01/2011 22:00:00	2505	Projected
13/01/2011 23:00:00	2498	Projected
14/01/2011 00:00:00	2492	Projected
14/01/2011 01:00:00	2485	Projected
14/01/2011 02:00:00	2479	Projected
14/01/2011 03:00:00	2472	Projected
14/01/2011 04:00:00	2465	Projected
14/01/2011 05:00:00	2459	Projected
14/01/2011 06:00:00	2452	Projected
14/01/2011 07:00:00	2445	Projected
14/01/2011 08:00:00	2439	Projected
14/01/2011 09:00:00	2432	Projected
14/01/2011 10:00:00	2425	Projected
14/01/2011 11:00:00	2418	Projected
14/01/2011 12:00:00	2411	Projected
14/01/2011 13:00:00	2404	Projected
14/01/2011 14:00:00	2397	Projected
14/01/2011 15:00:00	2390	Projected
14/01/2011 16:00:00	2383	Projected
14/01/2011 17:00:00	2376	Projected
14/01/2011 18:00:00	2369	Projected
14/01/2011 19:00:00	2362	Projected
14/01/2011 20:00:00	2355	Projected
14/01/2011 21:00:00	2348	Projected
14/01/2011 22:00:00	2341	Projected
14/01/2011 23:00:00	2333	Projected
15/01/2011 00:00:00	2326	Projected
15/01/2011 01:00:00	2319	Projected
15/01/2011 02:00:00	2312	Projected
15/01/2011 03:00:00	2304	Projected
15/01/2011 04:00:00	2297	Projected

31/03/2011

15/01/2011 05:00:00	2243	Projected
15/01/2011 06:00:00	2188	Projected
15/01/2011 07:00:00	2182	Projected
15/01/2011 08:00:00	2128	Projected
15/01/2011 09:00:00	2075	Projected
15/01/2011 10:00:00	2024	Projected
15/01/2011 11:00:00	1970	Projected
15/01/2011 12:00:00	1964	Projected
15/01/2011 13:00:00	1911	Projected
15/01/2011 14:00:00	1862	Projected
15/01/2011 15:00:00	1810	Projected
15/01/2011 16:00:00	1760	Projected
15/01/2011 17:00:00	1755	Projected
15/01/2011 18:00:00	1702	Projected
15/01/2011 19:00:00	1650	Projected
15/01/2011 20:00:00	1600	Projected
15/01/2011 21:00:00	1549	Projected
15/01/2011 22:00:00	1545	Projected
15/01/2011 23:00:00	1494	Projected
16/01/2011 00:00:00	1444	Projected
16/01/2011 01:00:00	1392	Projected
16/01/2011 02:00:00	1341	Projected
16/01/2011 03:00:00	1338	Projected
16/01/2011 04:00:00	1286	Projected
16/01/2011 05:00:00	1235	Projected
16/01/2011 06:00:00	1189	Projected
16/01/2011 07:00:00	1140	Projected
16/01/2011 08:00:00	1137	Projected
16/01/2011 09:00:00	1088	Projected
16/01/2011 10:00:00	1037	Projected
16/01/2011 11:00:00	986	Projected
16/01/2011 12:00:00	936	Projected
16/01/2011 13:00:00	934	Projected
16/01/2011 14:00:00	885	Projected
16/01/2011 15:00:00	834	Projected
16/01/2011 16:00:00	783	Projected
16/01/2011 17:00:00	733	Projected
16/01/2011 18:00:00	733	Projected
16/01/2011 19:00:00	683	Projected
16/01/2011 20:00:00	633	Projected
16/01/2011 21:00:00	583	Projected
16/01/2011 22:00:00	533	Projected
16/01/2011 23:00:00	533	Projected
17/01/2011 00:00:00	483	Projected
17/01/2011 01:00:00	440	Projected
17/01/2011 02:00:00	391	Projected
17/01/2011 03:00:00	342	Projected
17/01/2011 04:00:00	342	Projected
17/01/2011 05:00:00	298	Projected
17/01/2011 06:00:00	253	Projected
17/01/2011 07:00:00	206	Projected
17/01/2011 08:00:00	159	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 12:16
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 12:00 on Monday 10 January 2011

Rainfall

Rainfall has continued in the dam catchments over the last 6 hours, with approximate catchment averages as follows: North Pine (30mm); Wivenhoe Dam (20mm); Somerset Dam (40mm). A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 10:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (75mm to 150mm); Wivenhoe/Somerset Dam Catchments (50mm – 100mm).

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is 40.00m AHD and relatively steady (storing 9,000ML above FSL). Five gates are open and releasing 500 m3/s. The inflow into the dam since the commencement of the event is 63,000 ML. Estimated event volume is 77,000 ML assuming no further rainfall. Gate operations will continue until at least Wednesday 12 January 2011.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.11m AHD and rising (storing 210,000 ML above FSL). Peak inflow to the dam is estimated to be about 4,200 m3/s. Five sluice gates are open releasing about 1,100m3/s (95,000ML/day) into Wivenhoe Dam. At this stage the dam lake level will reach about 103.5m AHD on Monday afternoon. Areas around Kilcoy will continue to be adversely affected.

Since the commencement of the event on 02/01/2011 approximately 182,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This is expected to increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday 13 January 2011.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is 71.95m AHD and rising quickly (storing 610,000 ML above FSL). Peak inflow to the dam is estimated to be about 8,800m3/s. Five radial gates are open releasing about 2000m3/s (170,000ML/day) into the Brisbane River. At this stage, the dam will reach about 73.5m AHD during Tuesday morning. Flows in the Brisbane River above the dam at Gregor's Creek peaked at 7,350m3/s and this peak is bigger than both the January 1974 and February 1999 flood events at this location.

The objective for dam operations is to minimise the impact of urban flooding in areas downstream of the dam and the current aim is to keep river flows in the lower Brisbane River below 3,500m3/s if possible. This is significantly less than the current estimated combined pre-dam peak inflow of 12,000m3/s.

Since the commencement of the event on 02/01/2011 approximately 325,000ML has been released from the dam, with an event total approaching 1,600,000ML without further rain and as much as 2,100,000ML with forecast rainfall of (both including Somerset outflow). At this stage, releases will continue until at least Sunday 16 January 2011.

The volume between the expected peak (73.5m AHD) and the level at which the safety of the dam becomes the primary objective in managing flood releases (74.0m AHD) is 75,000ML. The volume between the expected peak (73.5m AHD) and initiation of the first Fuse Plug is 330,000ML.

Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff and releases from Wivenhoe Dam. If the predicted rainfall eventuates in the downstream tributary catchments the resultant combined flows in the lower Brisbane may exceed the threshold of damaging discharge in the urban areas within the next 24 to 48 hours. Currently the estimate peak flow in the lower Brisbane River will be the highest since Wivenhoe Dam was completed in 1984 but still well below flows the 1974 levels.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

Outlook

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate rapidly over the next 24 hours. The flood operation centre will continue to monitor the situation and provide every six hours until the situation stabilizes.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 14:38
To: [REDACTED]

Subject: Actual and Projected Wivenhoe Releases

Actual and Projected Wivenhoe Releases		
Source: Seqwater	10/01/2011 13:56	
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31/03/2011

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20/01/2011 08:00:00	13	Projected
20/01/2011 09:00:00	13	Projected
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31/03/2011

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23/01/2011 02:00:00	13	Projected
23/01/2011 03:00:00	13	Projected
23/01/2011 04:00:00	13	Projected

Duty Engineer
Flood Operations Centre

Phone 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 14:58
To: [REDACTED]

Cc: [REDACTED]

Subject: RE: FOC Situation Report at 12:00 on Monday 10 January 2011

Rainfall

Significant rainfall has fallen in the Wivenhoe Dam catchment over the last 3 hours, with falls exceeding 100mm. This rainfall will significantly increase inflows into the dam. A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 10:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (75mm to 150mm); Wivenhoe/Somerset Dam Catchments (50mm – 100mm). Potentially significant rain moving towards the dam catchments is currently evident on the BOM radar.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.41m AHD and rising. Peak inflow to the dam is estimated to be about 4,200 m³/s. Five sluice gates are open releasing about 1,100m³/s (95,000ML/day) into Wivenhoe Dam. At this stage the dam lake level will reach about 103.5m AHD on Monday afternoon. Areas around Kilcoy will continue to be adversely affected.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is 72.41m AHD and rising quickly. The rainfall experienced over the last 2 to 3 hours will result in significant further inflows into the dam and releases from the dam will need to be increased in accordance with Flood Mitigation procedures and to ensure that a fuse plug is not initiated. The initiation of a fuse plug will result in a rapid uncontrolled outflow from the dam of 2,000m³/s being added to the gate release outflow. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing.

Five radial gates are currently open at the dam releasing about 2,000m³/s into the Brisbane River and this will need to be increased steadily to an outflow of 2,800m³/s over the next 9 hours (commencing at 1500). At this stage, the dam will reach about 73.8m AHD during Tuesday morning.

The objective for dam operations is currently to minimise the impact of urban flooding in areas downstream of the dam and to keep river flows in the lower Brisbane River below 4,000m³/s if possible. This is significantly less than the current estimated combined pre-dam peak inflow of 12,000m³/s. If further rainfall occurs, dam releases may need to be increased further and this may result in river flows in the lower Brisbane River approaching or exceeding 5,000m³/s.

Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Sunday 16 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff and releases from Wivenhoe Dam.

Outlook

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate rapidly over the next 24 hours. The flood operation centre will continue to monitor the situation and provide every six hours until the situation stabilizes.

Terry Malone
31/03/2011

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 15:22
To: flood.qld@bom.gov.au
Subject: FW: Perserverance Event stage 3

Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

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-----Original Message-----

From: Allen Peter [REDACTED]
Sent: Monday, 10 January 2011 2:49 PM
To: Duty Engineer
Cc: Nguyen Khanh; Guppy Ron; Khadka Hari
Subject: FW: Perserverance Event stage 3

Terry,

FYI. I have just spoken to Kev Flanagan and he has indicated that at 2:45 pm, there was three metres over Perseverance and 0.5m over Cressbrook. He has also indicated that the rain event is easing so they don't expect a huge further rise in Cressbrook.

Peter Allen
Director Dam Safety (Water Supply)
Office of the Water Supply Regulator
[REDACTED]

-----Original Message-----

From: Kevin Flanagan [REDACTED]
Sent: Monday, 10 January 2011 2:21 PM
To: Allen Peter
Subject: Perserverance Event stage 3

Peter

Perserverance at 2 pm reached event stage 3 with 2.35 m over spillway.

Cressbrook spilled at 1.30pm at 2pm is 0.3 m over.
Kevin Flanagan
Director Water Services
Toowoomba Regional Council
[REDACTED]

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If you wish to contact Council by non electronic means, Council's postal address is:

Toowoomba Regional Council
PO Box 3021 Village Fair, Toowoomba Qld 4350

+-----+
Think B4U Print
1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere
3 sheets of A4 paper = 1 litre of water
+-----+

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 17:39
To: Peter Baddiley
Subject: RE: URGENT ATTENTION: Helidon to Gatton FLASH FLOOD [SEC=UNCLASSIFIED]

Peter

Thanks for the advice. I suspect that it will be routed out by the time it gets to the Brisbane R and should have little impact upon current estimates and strategy for the lower Brisbane. We use the Gatton TM in preference to the ALERT station.

Terry



Duty Engineer
Flood Operations Centre

Phone [REDACTED]

31/03/2011

Fax: [REDACTED]

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From: Peter Baddiley [REDACTED]

Sent: Monday, 10 January 2011 5:32 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: URGENT ATTENTION: Helidon to Gatton FLASH FLOOD [SEC=UNCLASSIFIED]

Importance: High

Serious flash flooding at Toowooba this afternoon - only seen images on tv !

Rapid rise in Lockyer Creek at Helidon between 2pm to 3pm; auto gauge indicates it rose about 8 metres. Accuracy unknown.

Flash flood arriving in Gatton area now. Has now risen 2 metres in one hour and continuing.

Helidon catchment area 440km²; Gatton catchment 1500 km² creek at Gatton is larger, so impact at Gatton should be less, but how high Gatton will get is UNKNOWN.

Highway is immediately downstream of Gatton need closing or Police attention.

Fast rises will extend along Lockyer Creek from Gatton to Glenore Grove/Lyons Bridge tonight - magnitude unknown at this stage but will model once we see Gatton rises.

Map attached.

See flash flood warning at http://www.bom.gov.au/cgi-bin/wrap_fwo.pl?IDQ20780.html

Peter Baddiley

Regional Hydrology Manager

Climate & Water Division

Bureau of Meteorology

Level 21, 69 Ann Street

GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001

[REDACTED]

WWW : www.bom.gov.au

31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 18:43
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 18:00 on Monday 10 January 2011

Rainfall

Only minor rainfall has been experienced in the North Pine Dam and Somerset Dam catchments with a catchment averages of less than 20mm.

However, significant rain has fallen in the Wivenhoe Dam catchment over the last 6 hours, with isolated falls exceeding 100mm. This rainfall has significantly increase inflows into the dam. A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 10:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (25mm to 50mm, with isolated falls to 100mm); Wivenhoe/Somerset Dam Catchments (25mm to 50mm, with isolated falls to 100mm). Potentially significant rain moving towards the dam catchments is currently evident on the BOM radar.

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is 39.84m AHD and falling slowly (storing 9,000ML above FSL). Five gates are open and releasing 362 m³/s. The inflow into the dam since the commencement of the event is 72,000 ML. Estimated event volume is 84,000 ML assuming no further rainfall. Releases from the dam will continue until at least Wednesday 12 January 2011.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.46m AHD and rising slowly. Peak inflow to the dam is estimated to be about 4,200 m³/s. Total discharge into Wivenhoe Dam is currently 1700m³/s and this discharge will decrease slowly in the next 24 hours to be around 1200m³/s late Tuesday. The dam level will peak at 103.5m AHD in the next few hours, unless further significant rainfall is experienced. Areas around Kilcoy will continue to be adversely affected.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is 72.92m AHD and rising quickly. Releases from the dam [have been increased over the last 3 hours](#) in accordance with Flood Mitigation procedures and to ensure that a fuse plug is not initiated. The initiation of a fuse plug will result in a rapid uncontrolled outflow from the dam of 2,000m³/s being added to the gate release outflow. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing. [The flash flooding experienced in the upper areas of Lockyer Creek have been examined and are not expected to significantly increase Brisbane River flows above the current projection of 4000m³/s at Moggill.](#)

Five radial gates are currently open at the dam releasing about 2,400m³/s into the Brisbane River and this will need to be increased steadily to an outflow of 2,800m³/s. At this stage, the dam will reach about 73.8m AHD during Tuesday morning.

The objective for dam operations is currently to minimise the impact of urban flooding in areas downstream of the dam and to keep river flows in the lower Brisbane River below 4,000m³/s if possible. This is significantly less than the current estimated combined pre-dam peak inflow of 12,000m³/s. If further rainfall occurs, dam releases may need to be increased further and this may result in river flows in the lower Brisbane River approaching or exceeding 5,000m³/s.

Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Sunday 16 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff

31/03/2011

and releases from Wivenhoe Dam.

Outlook

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate rapidly over the next 24 hours. The flood operation centre will continue to monitor the situation and provide every six hours until the situation stabilizes.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 22:38
To: [REDACTED]
Subject: FW: Lockyer Ck

Peter

This is Terry's guesstimate.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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From: Terry Malone [mailto:[REDACTED]]
Sent: Monday, 10 January 2011 10:27 PM
To: Duty Seq
Subject: Lockyer Ck



Terry Malone

Principal Hydrologist

Queensland Bulk Water Supply Authority *trading as Seqwater*

 cid:image001.png@01C99019.433

Level 3, 240 Margaret St, Brisbane City QLD 4000 Australia

PO Box 16146, City East QLD 4002

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 10 January 2011 23:56
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 00:00 Tuesday 11 January 2011

Rainfall

Rainfall continues in the North Pine Dam, Somerset Dam and Wivenhoe Dam catchments with falls of generally less than 20mm since 18:00 today. However, some isolated falls in the Upper Brisbane River of up to 110 mm have been recorded at Monsildale in this time. This rainfall will increase inflows into the dam.

A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 16:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (25mm to 50mm, with isolated falls to 100mm); Wivenhoe/Somerset Dam Catchments (25mm to 50mm, with isolated falls to 100mm).

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is 39.80m AHD and falling slowly (storing 4,400ML above FSL). Five gates are open, releasing 153 m3/s. The inflow into the dam since the commencement of the event is 74,000 ML. Estimated event volume is 84,000 ML assuming no further rainfall. Releases from the dam will continue until at least Wednesday 12 January 2011.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.40m AHD and falling slowly. Peak inflow to the dam is estimated to be about 4,200 m3/s. Total discharge into Wivenhoe Dam is currently 1700m3/s and this discharge will decrease slowly in the next 24 hours to be around 1200m3/s late Tuesday. The dam level peaked at 103.52m AHD at 19:00 on Monday 10 January 2011, unless further significant rainfall is experienced. Areas around Kilcoy will continue to be adversely affected.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is 73.22m AHD and rising at about 50 mm/hour. Releases from the dam [have been held at a rate of 2,750 m3/s](#) since 19:30 hours. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing.

[The BoM has provided further advice about the flash flooding experienced in the upper areas of Lockyer Creek. The rainfall responsible for this event was not observed at any rainfall stations but it is considered to be very significant. Flood levels in the Lockyer Creek catchment will exceed maximum recorded levels in some stations in the upper catchment. This flow may result in increases in Brisbane River levels below the junction of Lockyer Creek.](#)

Five radial gates are currently open at the dam releasing about 2,750m3/s into the Brisbane River. At this stage, the dam will reach about 73.8m AHD during Tuesday afternoon.

The objective for dam operations is currently to minimise the impact of urban flooding in areas downstream of the dam and to keep river flows in the lower Brisbane River below 4,000m3/s if possible. This is significantly less than the current estimated combined pre-dam peak inflow of 12,000m3/s. If further rainfall occurs, dam releases may need to be increased further and this may result in river flows in the lower Brisbane River approaching or exceeding 5,000m3/s.

Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Sunday 16 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff and releases from Wivenhoe Dam.

The BoM will provide further information regarding the magnitude of the flash flood event occurring in Lockyer Creek early Tuesday morning. Consideration will be given to modifying the releases from Wivenhoe Dam to try to moderate the peak flows emanating from Lockyer Creek.

Outlook

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate over the next 24 hours. The flood operation centre will continue to monitor the situation and provide situation reports every six hours until the situation stabilizes.

Regards

Rob Ayre
Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Tuesday, 11 January 2011 04:40

To: [REDACTED]

Subject: Somerset Dam Directive # 6 at 04:30 on Tuesday 11 January 2011

Attachments: OPS_Directive_Somerset #6.doc

Please find attached Directive # 6 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 06:12
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 06:00 on Tuesday 11 January 2011

Rainfall

Rainfall continues in the North Pine Dam, Somerset Dam and Wivenhoe Dam catchments. Isolated falls in the Upper Brisbane River of up to 125 mm have been recorded with widespread falls of 40 to 70 mm in the Somerset Dam catchment. This rainfall will increase inflows into the dam.

There has also been 20 to 60 mm in the Lockyer Creek catchment in the last 12 hours with falls of up to 30 mm in the Bremer River.

A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 16:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (25mm to 50mm, with isolated falls to 100mm); Wivenhoe/Somerset Dam Catchments (25mm to 50mm, with isolated falls to 100mm).

North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is 39.80m AHD and has commenced rising again (storing 4,400ML above FSL). Five gates are open releasing 177 m³/s. The inflow into the dam since the commencement of the event is 77,000 ML. Estimated event volume is 88,000 ML assuming no further rainfall. Releases from the dam will continue until at least Wednesday 12 January 2011.

Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.27m AHD and falling slowly. Peak inflow to the dam is estimated to be about 4,200 m³/s. Total discharge into Wivenhoe Dam is currently 1400 m³/s and this discharge will be decreased in the next few hours to be around 500 m³/s later on Tuesday. This is to ensure that the combined flood mitigation capacity in Somerset and Wivenhoe Dam is maximized.

The dam level peaked at 103.52m AHD at 19:00 on Monday 10 January 2011, (unless further significant rainfall is experienced). Areas around Kilcoy will continue to be adversely affected.

Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is 73.51m AHD and rising at about 25 mm/hour. Releases from the dam [have been held at a rate of 2,750 m³/s](#) since 19:30 hours on Monday 10 January 2011. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing.

[The BoM has provided further advice about the flash flooding experienced in the upper areas of Lockyer Creek. The rainfall responsible for this event was not observed at any rainfall stations but it is considered to be extreme. Flood levels in the Lockyer Creek catchment will exceed maximum recorded levels in some stations in the upper catchment. This flow will result in increases in Brisbane River levels below the junction of Lockyer Creek.](#)

Five radial gates are currently open at the dam releasing about 2,750m³/s into the Brisbane River. At this stage, the dam will reach just over 74.0m AHD during Tuesday evening.

Above EL 74.0m AHD the objective for dam operations is to maintain the security of the dam and minimise downstream flood flows if possible.

If further rainfall occurs, dam releases may need to be increased further and this may result in river flows in the lower Brisbane River approaching or exceeding 5,000m³/s.

Impacts downstream of Wivenhoe Dam

31/03/2011

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Sunday 16 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff and releases from Wivenhoe Dam.

The BoM will provide further information regarding the magnitude of the flash flood event occurring in Lockyer Creek early Tuesday morning. Consideration was given to modifying the releases from Wivenhoe Dam to try to moderate the peak flows emanating from Lockyer Creek but the rainfall in the past 12 hours in the catchment above the dam makes this option not possible. Therefore instead of decreasing releases to accommodate the Lockyer Creek flows, the strategy will endeavour to maintain the current releases until Lockyer Creek peaks.

Outlook

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate over the next 24 hours. The flood operation centre will continue to monitor the situation and provide situation reports every six hours until the situation stabilizes.

Duty Engineer
Flood Operations Centre

Phone: 
Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 06:14
To: [REDACTED]

Subject: Wivenhoe Dam Projected Releases at 06:00 on Tuesday 11 January 2011

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 11/01/2011 5:48

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
02/01/2011 20:00:00	50	Actual
02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
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06/01/2011 06:00:00	50	Actual
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07/01/2011 18:00:00	218	Actual
07/01/2011 19:00:00	268	Actual
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08/01/2011 00:00:00	524	Actual
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08/01/2011 04:00:00	738	Actual
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08/01/2011 08:00:00	947	Actual
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31/03/2011

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09/01/2011 23:00:00	1453	Actual
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10/01/2011 04:00:00	1676	Actual
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10/01/2011 10:00:00	2036	Actual
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10/01/2011 22:00:00	2716	Actual
10/01/2011 23:00:00	2722	Actual
11/01/2011 00:00:00	2728	Actual
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11/01/2011 02:00:00	2739	Actual
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11/01/2011 13:00:00	2766	Projected
11/01/2011 14:00:00	2768	Projected
11/01/2011 15:00:00	2771	Projected
11/01/2011 16:00:00	2775	Projected
11/01/2011 17:00:00	2778	Projected
11/01/2011 18:00:00	2782	Projected
11/01/2011 19:00:00	2785	Projected
11/01/2011 20:00:00	2788	Projected
11/01/2011 21:00:00	2791	Projected
11/01/2011 22:00:00	2793	Projected
11/01/2011 23:00:00	2795	Projected
12/01/2011 00:00:00	2797	Projected
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12/01/2011 22:00:00	3100	Projected
12/01/2011 23:00:00	3151	Projected

31/03/2011

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13/01/2011 03:00:00	3296	Projected
13/01/2011 04:00:00	3290	Projected
13/01/2011 05:00:00	3283	Projected
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13/01/2011 07:00:00	3270	Projected
13/01/2011 08:00:00	3263	Projected
13/01/2011 09:00:00	3257	Projected
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13/01/2011 11:00:00	3243	Projected
13/01/2011 12:00:00	3236	Projected
13/01/2011 13:00:00	3229	Projected
13/01/2011 14:00:00	3221	Projected
13/01/2011 15:00:00	3214	Projected
13/01/2011 16:00:00	3207	Projected
13/01/2011 17:00:00	3199	Projected
13/01/2011 18:00:00	3192	Projected
13/01/2011 19:00:00	3184	Projected
13/01/2011 20:00:00	3177	Projected
13/01/2011 21:00:00	3169	Projected
13/01/2011 22:00:00	3161	Projected
13/01/2011 23:00:00	3154	Projected
14/01/2011 00:00:00	3146	Projected
14/01/2011 01:00:00	3138	Projected
14/01/2011 02:00:00	3130	Projected
14/01/2011 03:00:00	3122	Projected
14/01/2011 04:00:00	3114	Projected
14/01/2011 05:00:00	3105	Projected
14/01/2011 06:00:00	3097	Projected
14/01/2011 07:00:00	3090	Projected
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14/01/2011 16:00:00	3038	Projected
14/01/2011 17:00:00	3033	Projected
14/01/2011 18:00:00	3027	Projected
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14/01/2011 22:00:00	3003	Projected
14/01/2011 23:00:00	2997	Projected
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15/01/2011 05:00:00	2960	Projected
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16/01/2011 07:00:00	2675	Projected
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17/01/2011 06:00:00	1341	Projected
17/01/2011 07:00:00	1289	Projected
17/01/2011 08:00:00	1237	Projected

Duty Engineer
Flood Operations Centre

Phone 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 08:11
To: [REDACTED]
Subject: Actual and Projected Wivenhoe Releases
Importance: High

Note that Wivenhoe releases will be increased from the current 2,800 to 3,700m³/s by 1300 Tuesday 11/01/2011 with further increases highly likely

Actual and Projected Wivenhoe Releases		
Source: Seqwater	11/01/2011 8:06	
02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
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03/01/2011 19:00:00	50	Actual
03/01/2011 20:00:00	50	Actual
03/01/2011 21:00:00	50	Actual
03/01/2011 22:00:00	50	Actual
03/01/2011 23:00:00	50	Actual

31/03/2011

04/01/2011 00:00:00	50	Actual
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04/01/2011 03:00:00	50	Actual
04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
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06/01/2011 15:00:00	50	Actual
06/01/2011 16:00:00	50	Actual
06/01/2011 17:00:00	50	Actual
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06/01/2011 19:00:00	50	Actual
06/01/2011 20:00:00	50	Actual
06/01/2011 21:00:00	50	Actual
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06/01/2011 23:00:00	50	Actual
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07/01/2011 01:00:00	50	Actual
07/01/2011 02:00:00	50	Actual
07/01/2011 03:00:00	50	Actual
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08/01/2011 05:00:00	791	Actual
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08/01/2011 08:00:00	947	Actual
08/01/2011 09:00:00	1000	Actual

31/03/2011

08/01/2011 10:00:00	1053	Actual
08/01/2011 11:00:00	1106	Actual
08/01/2011 12:00:00	1159	Actual
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09/01/2011 19:00:00	1424	Actual
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10/01/2011 14:00:00	2079	Actual

31/03/2011

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11/01/2011 19:00:00	3695	Projected
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11/01/2011 21:00:00	3710	Projected
11/01/2011 22:00:00	3716	Projected
11/01/2011 23:00:00	3722	Projected
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12/01/2011 05:00:00	3737	Projected
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12/01/2011 16:00:00	3690	Projected
12/01/2011 17:00:00	3683	Projected
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12/01/2011 19:00:00	3669	Projected

31/03/2011

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12/01/2011 22:00:00	3648	Projected
12/01/2011 23:00:00	3640	Projected
13/01/2011 00:00:00	3633	Projected
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13/01/2011 02:00:00	3617	Projected
13/01/2011 03:00:00	3609	Projected
13/01/2011 04:00:00	3601	Projected
13/01/2011 05:00:00	3593	Projected
13/01/2011 06:00:00	3585	Projected
13/01/2011 07:00:00	3577	Projected
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13/01/2011 16:00:00	3507	Projected
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13/01/2011 18:00:00	3490	Projected
13/01/2011 19:00:00	3481	Projected
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13/01/2011 21:00:00	3464	Projected
13/01/2011 22:00:00	3455	Projected
13/01/2011 23:00:00	3446	Projected
14/01/2011 00:00:00	3437	Projected
14/01/2011 01:00:00	3429	Projected
14/01/2011 02:00:00	3420	Projected
14/01/2011 03:00:00	3410	Projected
14/01/2011 04:00:00	3401	Projected
14/01/2011 05:00:00	3392	Projected
14/01/2011 06:00:00	3383	Projected
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14/01/2011 19:00:00	3257	Projected
14/01/2011 20:00:00	3246	Projected
14/01/2011 21:00:00	3236	Projected
14/01/2011 22:00:00	3226	Projected
14/01/2011 23:00:00	3216	Projected
15/01/2011 00:00:00	3205	Projected

31/03/2011

15/01/2011 01:00:00	3195	Projected
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15/01/2011 04:00:00	3163	Projected
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15/01/2011 06:00:00	3140	Projected
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15/01/2011 08:00:00	3117	Projected
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15/01/2011 20:00:00	2972	Projected
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17/01/2011 05:00:00	2522	Projected

31/03/2011

17/01/2011 06:00:00	2507	Projected
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31/03/2011

19/01/2011 11:00:00	1363	Projected
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20/01/2011 17:00:00	892	Projected
20/01/2011 18:00:00	878	Projected
20/01/2011 19:00:00	865	Projected
20/01/2011 20:00:00	852	Projected
20/01/2011 21:00:00	840	Projected
20/01/2011 22:00:00	827	Projected
20/01/2011 23:00:00	815	Projected
21/01/2011 00:00:00	802	Projected
21/01/2011 01:00:00	790	Projected
21/01/2011 02:00:00	778	Projected
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21/01/2011 06:00:00	732	Projected
21/01/2011 07:00:00	721	Projected
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21/01/2011 11:00:00	677	Projected
21/01/2011 12:00:00	667	Projected
21/01/2011 13:00:00	656	Projected
21/01/2011 14:00:00	646	Projected
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31/03/2011

21/01/2011 16:00:00	626	Projected
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22/01/2011 16:00:00	426	Projected
22/01/2011 17:00:00	419	Projected
22/01/2011 18:00:00	412	Projected
22/01/2011 19:00:00	405	Projected
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22/01/2011 21:00:00	392	Projected
22/01/2011 22:00:00	386	Projected
22/01/2011 23:00:00	379	Projected
23/01/2011 00:00:00	373	Projected
23/01/2011 01:00:00	367	Projected
23/01/2011 02:00:00	361	Projected
23/01/2011 03:00:00	355	Projected
23/01/2011 04:00:00	349	Projected

Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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Jeff Perkins**From:** Duty Engineer [REDACTED]**Sent:** Tuesday, 11 January 2011 11:38**To:** [REDACTED]**Subject:** Actual and Projected Wivenhoe Releases

Actual and Projected Wivenhoe Releases		
Source: Seqwater	11/01/2011 11:32	
02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
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02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
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03/01/2011 23:00:00	50	Actual
04/01/2011 00:00:00	50	Actual
04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual
04/01/2011 03:00:00	50	Actual

31/03/2011

04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
04/01/2011 08:00:00	50	Actual
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04/01/2011 10:00:00	50	Actual
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Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 12:11
To: [REDACTED]

Subject: SitRep 1200 11/1/2011

Somerset/Wivenhoe

Our current strategy revolves around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m³/s in outflow from the dam in addition to the gate release which could be as high as 4,500 to 5,000m³/s at the time. However, it may be that fuse plug initiation might provide a lower outflow than increasing the gate outflow to protect it. In this case, we would adopt an alternate scenario.

Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy.

1. With no further rainfall, Wivenhoe will approach 75.0m AHD and there will be an attempt to limit the dam outflow to 4,500m³/s, however this strategy currently being reviewed on an hour by hour basis. The release will be 4,000m³/s by 1300.
2. With 50mm rainfall in the Stanley and Upper Brisbane in the next 12 to 24 hours, the release will need to be significantly increased to be in the order 6,000m³/s.

It should be noted that the flow in the lower Brisbane River in 1974 was about 9,500m³/s

Wivenhoe has lost incoming mains power and are on backup power. Energex are attempting to rectify.

North Pine

Inflows and outflows are increasing very rapid and will exceed 2,000m³/s.

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 13:28
To: [REDACTED]
Cc: [REDACTED]
Subject: Request for Scenario

Peter Borrows has asked the FOC to request BOM to considered the height for Brisbane City if Wivenhoe is releasing 9,000m³/s.

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins**From:** Duty Engineer [REDACTED]**Sent:** Tuesday, 11 January 2011 13:32**To:** [REDACTED]**Subject:** Actual and Projected Wivenhoe Releases - Note that is our worst case for the next 12 hours

Actual and Projected Wivenhoe Releases		
Source: Seqwater	11/01/2011 13:28	
02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
02/01/2011 20:00:00	50	Actual
02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
03/01/2011 01:00:00	50	Actual
03/01/2011 02:00:00	50	Actual
03/01/2011 03:00:00	50	Actual
03/01/2011 04:00:00	50	Actual
03/01/2011 05:00:00	50	Actual
03/01/2011 06:00:00	50	Actual
03/01/2011 07:00:00	50	Actual
03/01/2011 08:00:00	50	Actual
03/01/2011 09:00:00	50	Actual
03/01/2011 10:00:00	50	Actual
03/01/2011 11:00:00	50	Actual
03/01/2011 12:00:00	50	Actual
03/01/2011 13:00:00	50	Actual
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03/01/2011 15:00:00	50	Actual
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03/01/2011 17:00:00	50	Actual
03/01/2011 18:00:00	50	Actual
03/01/2011 19:00:00	50	Actual
03/01/2011 20:00:00	50	Actual
03/01/2011 21:00:00	50	Actual
03/01/2011 22:00:00	50	Actual
03/01/2011 23:00:00	50	Actual
04/01/2011 00:00:00	50	Actual
04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual
04/01/2011 03:00:00	50	Actual

31/03/2011

04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
04/01/2011 08:00:00	50	Actual
04/01/2011 09:00:00	50	Actual
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04/01/2011 12:00:00	50	Actual
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06/01/2011 05:00:00	50	Actual
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06/01/2011 07:00:00	50	Actual
06/01/2011 08:00:00	50	Actual

06/01/2011 09:00:00	50	Actual
06/01/2011 10:00:00	50	Actual
06/01/2011 11:00:00	50	Actual
06/01/2011 12:00:00	50	Actual
06/01/2011 13:00:00	50	Actual
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07/01/2011 16:00:00	117	Actual
07/01/2011 17:00:00	169	Actual
07/01/2011 18:00:00	220	Actual
07/01/2011 19:00:00	270	Actual
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08/01/2011 02:00:00	635	Actual
08/01/2011 03:00:00	688	Actual
08/01/2011 04:00:00	742	Actual
08/01/2011 05:00:00	796	Actual
08/01/2011 06:00:00	850	Actual
08/01/2011 07:00:00	904	Actual
08/01/2011 08:00:00	953	Actual
08/01/2011 09:00:00	1006	Actual
08/01/2011 10:00:00	1059	Actual
08/01/2011 11:00:00	1113	Actual
08/01/2011 12:00:00	1167	Actual
08/01/2011 13:00:00	1219	Actual

31/03/2011

08/01/2011 14:00:00	1271	Actual
08/01/2011 15:00:00	1271	Actual
08/01/2011 16:00:00	1272	Actual
08/01/2011 17:00:00	1272	Actual
08/01/2011 18:00:00	1272	Actual
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10/01/2011 17:00:00	2292	Actual
10/01/2011 18:00:00	2418	Actual

31/03/2011

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10/01/2011 20:00:00	2719	Actual
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10/01/2011 22:00:00	2734	Actual
10/01/2011 23:00:00	2741	Actual
11/01/2011 00:00:00	2747	Actual
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11/01/2011 02:00:00	2757	Actual
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11/01/2011 11:00:00	3419	Actual
11/01/2011 12:00:00	3821	Actual
11/01/2011 13:00:00	3996	Actual
11/01/2011 14:00:00	4228	Projected
11/01/2011 15:00:00	4519	Projected
11/01/2011 16:00:00	4527	Projected
11/01/2011 17:00:00	4823	Projected
11/01/2011 18:00:00	5415	Projected
11/01/2011 19:00:00	6029	Projected
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11/01/2011 21:00:00	6673	Projected
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12/01/2011 05:00:00	6648	Projected
12/01/2011 06:00:00	6638	Projected
12/01/2011 07:00:00	6627	Projected
12/01/2011 08:00:00	6613	Projected
12/01/2011 09:00:00	6599	Projected
12/01/2011 10:00:00	6583	Projected
12/01/2011 11:00:00	6565	Projected
12/01/2011 12:00:00	6546	Projected
12/01/2011 13:00:00	6526	Projected
12/01/2011 14:00:00	6505	Projected
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12/01/2011 16:00:00	6460	Projected
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12/01/2011 23:00:00	6269	Projected

31/03/2011

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13/01/2011 02:00:00	6177	Projected
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14/01/2011 01:00:00	5369	Projected
14/01/2011 02:00:00	5330	Projected
14/01/2011 03:00:00	5290	Projected
14/01/2011 04:00:00	5250	Projected
14/01/2011 05:00:00	5209	Projected
14/01/2011 06:00:00	5169	Projected
14/01/2011 07:00:00	5127	Projected
14/01/2011 08:00:00	5072	Projected
14/01/2011 09:00:00	5004	Projected
14/01/2011 10:00:00	4917	Projected
14/01/2011 11:00:00	4832	Projected
14/01/2011 12:00:00	4748	Projected
14/01/2011 13:00:00	4665	Projected
14/01/2011 14:00:00	4584	Projected
14/01/2011 15:00:00	4504	Projected
14/01/2011 16:00:00	4426	Projected
14/01/2011 17:00:00	4349	Projected
14/01/2011 18:00:00	4273	Projected
14/01/2011 19:00:00	4199	Projected
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15/01/2011 02:00:00	3713	Projected
15/01/2011 03:00:00	3648	Projected
15/01/2011 04:00:00	3584	Projected

31/03/2011

15/01/2011 05:00:00	3518	Projected
15/01/2011 06:00:00	3451	Projected
15/01/2011 07:00:00	3387	Projected
15/01/2011 08:00:00	3323	Projected
15/01/2011 09:00:00	3261	Projected
15/01/2011 10:00:00	3200	Projected
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15/01/2011 13:00:00	3023	Projected
15/01/2011 14:00:00	2966	Projected
15/01/2011 15:00:00	2910	Projected
15/01/2011 16:00:00	2855	Projected
15/01/2011 17:00:00	2801	Projected
15/01/2011 18:00:00	2748	Projected
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16/01/2011 04:00:00	2273	Projected
16/01/2011 05:00:00	2230	Projected
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16/01/2011 08:00:00	2108	Projected
16/01/2011 09:00:00	2069	Projected
16/01/2011 10:00:00	2030	Projected
16/01/2011 11:00:00	1992	Projected
16/01/2011 12:00:00	1955	Projected
16/01/2011 13:00:00	1919	Projected
16/01/2011 14:00:00	1884	Projected
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16/01/2011 20:00:00	1685	Projected
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16/01/2011 22:00:00	1639	Projected
16/01/2011 23:00:00	1620	Projected
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17/01/2011 01:00:00	1584	Projected
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17/01/2011 05:00:00	1512	Projected
17/01/2011 06:00:00	1494	Projected
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17/01/2011 08:00:00	1459	Projected
17/01/2011 09:00:00	1442	Projected

31/03/2011

17/01/2011 10:00:00	1424	Projected
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18/01/2011 05:00:00	1121	Projected
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18/01/2011 11:00:00	1035	Projected
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18/01/2011 13:00:00	1008	Projected
18/01/2011 14:00:00	994	Projected
18/01/2011 15:00:00	981	Projected
18/01/2011 16:00:00	968	Projected
18/01/2011 17:00:00	955	Projected
18/01/2011 18:00:00	942	Projected
18/01/2011 19:00:00	929	Projected
18/01/2011 20:00:00	916	Projected
18/01/2011 21:00:00	904	Projected
18/01/2011 22:00:00	891	Projected
18/01/2011 23:00:00	879	Projected
19/01/2011 00:00:00	867	Projected
19/01/2011 01:00:00	855	Projected
19/01/2011 02:00:00	843	Projected
19/01/2011 03:00:00	831	Projected
19/01/2011 04:00:00	819	Projected
19/01/2011 05:00:00	808	Projected
19/01/2011 06:00:00	797	Projected
19/01/2011 07:00:00	785	Projected
19/01/2011 08:00:00	774	Projected
19/01/2011 09:00:00	763	Projected
19/01/2011 10:00:00	753	Projected
19/01/2011 11:00:00	742	Projected
19/01/2011 12:00:00	731	Projected
19/01/2011 13:00:00	721	Projected
19/01/2011 14:00:00	710	Projected

31/03/2011

19/01/2011 15:00:00	700	Projected
19/01/2011 16:00:00	690	Projected
19/01/2011 17:00:00	680	Projected
19/01/2011 18:00:00	671	Projected
19/01/2011 19:00:00	661	Projected
19/01/2011 20:00:00	651	Projected
19/01/2011 21:00:00	642	Projected
19/01/2011 22:00:00	633	Projected
19/01/2011 23:00:00	623	Projected
20/01/2011 00:00:00	614	Projected
20/01/2011 01:00:00	605	Projected
20/01/2011 02:00:00	596	Projected
20/01/2011 03:00:00	588	Projected
20/01/2011 04:00:00	579	Projected
20/01/2011 05:00:00	571	Projected
20/01/2011 06:00:00	562	Projected
20/01/2011 07:00:00	554	Projected
20/01/2011 08:00:00	546	Projected
20/01/2011 09:00:00	538	Projected
20/01/2011 10:00:00	530	Projected
20/01/2011 11:00:00	522	Projected
20/01/2011 12:00:00	514	Projected
20/01/2011 13:00:00	507	Projected
20/01/2011 14:00:00	499	Projected
20/01/2011 15:00:00	492	Projected
20/01/2011 16:00:00	484	Projected
20/01/2011 17:00:00	477	Projected
20/01/2011 18:00:00	470	Projected
20/01/2011 19:00:00	463	Projected
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20/01/2011 21:00:00	449	Projected
20/01/2011 22:00:00	442	Projected
20/01/2011 23:00:00	436	Projected
21/01/2011 00:00:00	429	Projected
21/01/2011 01:00:00	423	Projected
21/01/2011 02:00:00	417	Projected
21/01/2011 03:00:00	410	Projected
21/01/2011 04:00:00	404	Projected
21/01/2011 05:00:00	398	Projected
21/01/2011 06:00:00	392	Projected
21/01/2011 07:00:00	386	Projected
21/01/2011 08:00:00	380	Projected
21/01/2011 09:00:00	375	Projected
21/01/2011 10:00:00	369	Projected
21/01/2011 11:00:00	363	Projected
21/01/2011 12:00:00	358	Projected
21/01/2011 13:00:00	353	Projected
21/01/2011 14:00:00	347	Projected
21/01/2011 15:00:00	342	Projected
21/01/2011 16:00:00	337	Projected
21/01/2011 17:00:00	332	Projected
21/01/2011 18:00:00	327	Projected
21/01/2011 19:00:00	322	Projected

31/03/2011

21/01/2011 20:00:00	317	Projected
21/01/2011 21:00:00	312	Projected
21/01/2011 22:00:00	307	Projected
21/01/2011 23:00:00	303	Projected
22/01/2011 00:00:00	298	Projected
22/01/2011 01:00:00	294	Projected
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22/01/2011 03:00:00	285	Projected
22/01/2011 04:00:00	281	Projected
22/01/2011 05:00:00	276	Projected
22/01/2011 06:00:00	272	Projected
22/01/2011 07:00:00	268	Projected
22/01/2011 08:00:00	264	Projected
22/01/2011 09:00:00	260	Projected
22/01/2011 10:00:00	256	Projected
22/01/2011 11:00:00	252	Projected
22/01/2011 12:00:00	248	Projected
22/01/2011 13:00:00	245	Projected
22/01/2011 14:00:00	241	Projected
22/01/2011 15:00:00	237	Projected
22/01/2011 16:00:00	234	Projected
22/01/2011 17:00:00	230	Projected
22/01/2011 18:00:00	227	Projected
22/01/2011 19:00:00	223	Projected
22/01/2011 20:00:00	220	Projected
22/01/2011 21:00:00	217	Projected
22/01/2011 22:00:00	214	Projected
22/01/2011 23:00:00	210	Projected
23/01/2011 00:00:00	207	Projected
23/01/2011 01:00:00	204	Projected
23/01/2011 02:00:00	201	Projected
23/01/2011 03:00:00	198	Projected
23/01/2011 04:00:00	195	Projected

Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 14:19

To: [REDACTED]

Cc: [REDACTED]

Subject: Wivenhoe Dam Update

Importance: High

Somerset/Wivenhoe

Our strategy revolves ensuring dam security and is around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m³/s in outflow from the dam in addition to the gate release which could be as high as 10,000m³/s at the time. Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy.

Wivenhoe Dam is rising very quickly and rapid gate openings are required to manage this increase. Based on the current rate of rise, inflow rate is in excess of 12,000m³/s. The situation is being revised constantly and releases will be increased hourly until the water level starts to stabilize. It is possible that the releases will be as high as 10,000m³/s in the next few hours. Heavy rainfall continues in the catchment especially around the dam.

It should be noted that the flow in the lower Brisbane R in 1974 was about 9,500m³/s

North Pine

Inflows and outflows are at record levels and increasing within inflows nearing 3,000m³/s, and is approaching an extreme event (possibly as high as 1 in 10,000 AEP)

Terry Malone
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 14:26
To: [REDACTED]

Subject: Wivenhoe ALERT level

Please be aware that the Wivenhoe ALERT level is reading low by about 100mm due to draw down through the gates

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 15:43
To: [REDACTED]
Cc: [REDACTED]
Subject: Projected Wivenhoe Outflows

Peter

As you recently discussed with Barry Dineen can you please provide advice as to the height of the Brisbane City gauge will reach if Wivenhoe releases 10,000m³/s.

Thanks

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 16:52
To: [REDACTED]
Subject: Wivenhoe Actual and Projected Releases

Note that without further rain

Will be reviewed at 1800 11/01/2011

Wivenhoe Dam Actual and Projected Releases
 11/01/2011

Source: Seqwater FOC 16:49

02/01/2011		
09:00:00	50	Actual
02/01/2011		
10:00:00	50	Actual
02/01/2011		
11:00:00	50	Actual
02/01/2011		
12:00:00	50	Actual
02/01/2011		
13:00:00	50	Actual
02/01/2011		
14:00:00	50	Actual
02/01/2011		
15:00:00	50	Actual
02/01/2011		
16:00:00	50	Actual
02/01/2011		
17:00:00	50	Actual
02/01/2011		
18:00:00	50	Actual
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19:00:00	50	Actual
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20:00:00	50	Actual
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21:00:00	50	Actual
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22:00:00	50	Actual
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23:00:00	50	Actual
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02:00:00	50	Actual
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03:00:00	50	Actual
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08:00:00	50	Actual
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09:00:00	50	Actual
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10:00:00	50	Actual

31/03/2011

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16:00:00	116	Actual
07/01/2011		
17:00:00	168	Actual
07/01/2011		
18:00:00	218	Actual
07/01/2011		
19:00:00	268	Actual
07/01/2011		
20:00:00	317	Actual

07/01/2011

31/03/2011

21:00:00	365	Actual
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23:00:00	471	Actual
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00:00:00	524	Actual
08/01/2011		
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07:00:00	900	Actual
08/01/2011		
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16:00:00	1267	Actual
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17:00:00	1268	Actual
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18:00:00	1268	Actual
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19:00:00	1268	Actual
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21:00:00	1269	Actual
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22:00:00	1269	Actual
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23:00:00	1268	Actual
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03:00:00	1314	Actual
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06:00:00	1364	Actual
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07:00:00	1363	Actual
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12:00:00	1414	Actual
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17:00:00	1423	Actual
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18:00:00	1426	Actual
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19:00:00	1431	Actual
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21:00:00	1442	Actual
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22:00:00	1449	Actual
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23:00:00	1458	Actual
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05:00:00	1753	Actual
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10/01/2011		
07:00:00	1892	Actual
10/01/2011		
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12:00:00	2073	Actual
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10/01/2011		
14:00:00	2096	Actual
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15:00:00	2106	Actual
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16:00:00	2172	Actual
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17:00:00	2293	Actual
10/01/2011		
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10/01/2011		
19:00:00	2538	Actual

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20:00:00	2718	Actual
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21:00:00	2726	Actual
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22:00:00	2733	Actual
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23:00:00	2739	Actual
11/01/2011		
00:00:00	2745	Actual
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01:00:00	2751	Actual
11/01/2011		
02:00:00	2756	Actual
11/01/2011		
03:00:00	2761	Actual
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07:00:00	2781	Actual
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09:00:00	3012	Actual
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10:00:00	3363	Actual
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11:00:00	3542	Actual
11/01/2011		
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11/01/2011		
13:00:00	4242	Actual
11/01/2011		
14:00:00	4540	Actual
11/01/2011		
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11/01/2011		
16:00:00	5743	Actual
11/01/2011		
17:00:00	6382	Projected
11/01/2011		
18:00:00	7054	Projected
11/01/2011		
19:00:00	7625	Projected
11/01/2011		
20:00:00	7633	Projected
11/01/2011		
21:00:00	7640	Projected
11/01/2011		
22:00:00	7645	Projected
11/01/2011		
23:00:00	7646	Projected
12/01/2011		
00:00:00	7645	Projected
12/01/2011		
01:00:00	7641	Projected
12/01/2011		
02:00:00	7633	Projected
12/01/2011		
03:00:00	7623	Projected
12/01/2011		
04:00:00	7610	Projected
12/01/2011		
05:00:00	7595	Projected
12/01/2011		
06:00:00	7577	Projected
12/01/2011		
07:00:00	7557	Projected

31/03/2011

12/01/2011		
08:00:00	7536	Projected
12/01/2011		
09:00:00	7513	Projected
12/01/2011		
10:00:00	7488	Projected
12/01/2011		
11:00:00	7462	Projected
12/01/2011		
12:00:00	7435	Projected
12/01/2011		
13:00:00	7406	Projected
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14:00:00	7376	Projected
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15:00:00	7346	Projected
12/01/2011		
16:00:00	7314	Projected
12/01/2011		
17:00:00	7281	Projected
12/01/2011		
18:00:00	7248	Projected
12/01/2011		
19:00:00	7213	Projected
12/01/2011		
20:00:00	7178	Projected
12/01/2011		
21:00:00	7142	Projected
12/01/2011		
22:00:00	7105	Projected
12/01/2011		
23:00:00	7068	Projected
13/01/2011		
00:00:00	7030	Projected
13/01/2011		
01:00:00	6991	Projected
13/01/2011		
02:00:00	6951	Projected
13/01/2011		
03:00:00	6911	Projected
13/01/2011		
04:00:00	6870	Projected
13/01/2011		
05:00:00	6837	Projected
13/01/2011		
06:00:00	6804	Projected
13/01/2011		
07:00:00	6770	Projected
13/01/2011		
08:00:00	6735	Projected
13/01/2011		
09:00:00	6700	Projected
13/01/2011		
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13/01/2011		
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13/01/2011		
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13/01/2011

31/03/2011

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31/03/2011

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15/01/2011		
14:00:00	2902	Projected
15/01/2011		
15:00:00	2849	Projected
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16:00:00	2796	Projected
15/01/2011		
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15/01/2011		
21:00:00	2549	Projected
15/01/2011		
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15/01/2011		
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16/01/2011		
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16/01/2011

31/03/2011

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17/01/2011		
03:00:00	0	Projected
17/01/2011		
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17/01/2011		
06:00:00	798	Projected
17/01/2011		
07:00:00	0	Projected
17/01/2011		
08:00:00	0	Projected

Duty Engineer
Flood Operations Centre

Phone: 3120 0291
3120 0292
Fax: 3120 0275

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 18:00
To: [REDACTED]

Subject: Situation Report 1800 12 January 2011

In the last twelve hours totals of up to 370mm have fallen in the area around Wivenhoe Dam. In the last hour, rainfalls between 15 and 30mm have been recorded in the same area. At 1600, the BoM advised that falls between 50 to 100mm are still forecast for the 24hrs to 1600 Wednesday 12 January 2011 for the North Pine and Somerset/Wivenhoe catchments.

At 1730 Wivenhoe Dam was 74.92m AHD and rising slowly and releasing about 6,700m³/s.

The current expectation is that the dam will reach a steady state (outflow equals inflow) within the next 3 hours without further significant rainfall. At this time, release from the dam will be about 8,000 m³/s.

If there is no further rainfall, it may be possible to then slowly reduce this release overnight.

The dam is expected to peak below 75.5m AHD which is 100mmm below the first fuse plug initiation level.

Note that the automatic recorder as indicated on the BoM website is affected by drawdown and is not reflecting the actual lake level and tendency.

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is also maintaining close contact with warning agencies and local councils.

The next report will be issued at 2100 12 January 2011.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 18:07
To: [REDACTED]
Subject: Actual and Projected Wivenhoe Releases

Wivenhoe Dam Actual and Projected Releases

11/01/2011

Source: Seqwater FOC 18:06

02/01/2011		
09:00:00	50	Actual
02/01/2011		
10:00:00	50	Actual
02/01/2011		
11:00:00	50	Actual
02/01/2011		
12:00:00	50	Actual
02/01/2011		
13:00:00	50	Actual
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17:00:00	50	Actual
02/01/2011		
18:00:00	50	Actual
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19:00:00	50	Actual
02/01/2011		
20:00:00	50	Actual
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21:00:00	50	Actual
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22:00:00	50	Actual
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23:00:00	50	Actual
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11:00:00	50	Actual
03/01/2011		
12:00:00	50	Actual
03/01/2011		

31/03/2011

13:00:00	50	Actual
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14:00:00	50	Actual
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15:00:00	50	Actual
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23:00:00	50	Actual
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31/03/2011

05/01/2011		
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06/01/2011

31/03/2011

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09/01/2011

31/03/2011

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31/03/2011

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08:00:00	7343	Projected
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09:00:00	7323	Projected

12/01/2011

31/03/2011

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22:00:00	6950	Projected
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02:00:00	6807	Projected
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07:00:00	6641	Projected
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13/01/2011		
09:00:00	6577	Projected
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10:00:00	6544	Projected
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11:00:00	6511	Projected
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12:00:00	6476	Projected
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13:00:00	6442	Projected
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31/03/2011

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15/01/2011		
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15/01/2011		
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15/01/2011		
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15/01/2011

31/03/2011

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15/01/2011		
17:00:00	2812	Projected
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18:00:00	2760	Projected
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19:00:00	2709	Projected
15/01/2011		
20:00:00	2659	Projected
15/01/2011		
21:00:00	2610	Projected
15/01/2011		
22:00:00	2562	Projected
15/01/2011		
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00:00:00	2469	Projected
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16/01/2011		
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16/01/2011		
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16/01/2011		
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16/01/2011		
16:00:00	1842	Projected
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17:00:00	1810	Projected
16/01/2011		
18:00:00	1777	Projected
16/01/2011		
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16/01/2011		
20:00:00	1715	Projected

31/03/2011

16/01/2011		
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06:00:00	0	Projected
17/01/2011		
07:00:00	0	Projected
17/01/2011		
08:00:00	0	Projected

Duty Engineer
Flood Operations Centre

Phone: 
Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 20:15
To: [REDACTED]
Subject: Brisbane R Estimates

This is my best estimate for the lower Brisbane for your consideration.

 LOWER BRISBANE RIVER
 LOWER BRISBANE RIVER (no forecast rainfall)
 RUN DATED: Tue Jan 11 2011 19:59
 FORECAST RUN FROM Sun Jan 02 2011 09:00
 DATA PARAMETERS : Locations = 18 Values = 393 Data Interval = 1.000 hours
 MODEL PARAMETERS: alpha = 0.1700 m = 0.80 beta = 3.000 IL = 10.0 CL = 2.00

LOCATION	Time of Peak	Peak Discharge cumecs	Peak Height metres	
WD_OUTFLOW	Tue Jan 11 2011 23:00	7438.00	N/A	*
OREILLYS_WEIR	Tue Jan 11 2011 23:00	3811.81	27.13	
L_PUMP_STN	Wed Jan 12 2011 13:00	11257.03	52.41	
SAVAGES_XING	Wed Jan 12 2011 15:00	11274.15	27.50	
MT_CROSBY_WEIR	Wed Jan 12 2011 23:00	11322.15	29.96	
IPSWICH	Thu Jan 13 2011 04:00	2098.22	22.52	
MOGGILL	Thu Jan 13 2011 07:00	11840.39	22.22	
JINDALEE	Thu Jan 13 2011 11:00	11841.99	16.02	
BRISBANE	Thu Jan 13 2011 16:00	11824.91	6.19	*
BAR	Mon Jan 03 2011 09:00	N/A	2.45	*

Please note that this is a personal email from me and does not reflect official Seqwater position.

Terry

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 21:11
To: [REDACTED]
Subject: Actual and Projected Wivenhoe Releases

Please note we have commenced closure sequences at 2100 11/01/2011.

Hopefully there will be no more significant rain

Wivenhoe Dam Actual and Projected Releases

11/01/2011

Source: Seqwater FOC 21:07

02/01/2011		
09:00:00	50	Actual
02/01/2011		
10:00:00	50	Actual
02/01/2011		
11:00:00	50	Actual
02/01/2011		
12:00:00	50	Actual
02/01/2011		
13:00:00	50	Actual
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17:00:00	50	Actual
02/01/2011		
18:00:00	50	Actual
02/01/2011		
19:00:00	50	Actual
02/01/2011		
20:00:00	50	Actual
02/01/2011		
21:00:00	50	Actual
02/01/2011		
22:00:00	50	Actual
02/01/2011		
23:00:00	50	Actual
03/01/2011		
00:00:00	50	Actual
03/01/2011		
01:00:00	50	Actual
03/01/2011		
02:00:00	50	Actual
03/01/2011		
03:00:00	50	Actual
03/01/2011		
04:00:00	50	Actual
03/01/2011		
05:00:00	50	Actual
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06:00:00	50	Actual
03/01/2011		
07:00:00	50	Actual
03/01/2011		
08:00:00	50	Actual
03/01/2011		
09:00:00	50	Actual
03/01/2011		

31/03/2011

10:00:00	50	Actual
03/01/2011		
11:00:00	50	Actual
03/01/2011		
12:00:00	50	Actual
03/01/2011		
13:00:00	50	Actual
03/01/2011		
14:00:00	50	Actual
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17:00:00	50	Actual
03/01/2011		
18:00:00	50	Actual
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05:00:00	50	Actual
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06:00:00	50	Actual
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07:00:00	50	Actual
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04/01/2011		
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18:00:00	50	Actual
04/01/2011		
19:00:00	50	Actual
04/01/2011		
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21:00:00	50	Actual

31/03/2011

04/01/2011		
22:00:00	50	Actual
04/01/2011		
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08:00:00	50	Actual

06/01/2011

31/03/2011

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31/03/2011

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09/01/2011

31/03/2011

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31/03/2011

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23:00:00	2763	Actual
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03:00:00	2784	Actual
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20:00:00	7487	Actual
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21:00:00	7489	Actual
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02:00:00	6798	Projected
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03:00:00	6793	Projected
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05:00:00	6778	Projected
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06:00:00	6768	Projected

12/01/2011

31/03/2011

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19:00:00	6540	Projected
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21:00:00	6493	Projected
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22:00:00	6468	Projected
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13/01/2011		
05:00:00	6282	Projected
13/01/2011		
06:00:00	6253	Projected
13/01/2011		
07:00:00	6224	Projected
13/01/2011		
08:00:00	6195	Projected
13/01/2011		
09:00:00	6165	Projected
13/01/2011		
10:00:00	6134	Projected
13/01/2011		
11:00:00	6103	Projected
13/01/2011		
12:00:00	6072	Projected
13/01/2011		
13:00:00	6040	Projected
13/01/2011		
14:00:00	6008	Projected
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13/01/2011		
17:00:00	5910	Projected
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18:00:00	5876	Projected

31/03/2011

13/01/2011		
19:00:00	5842	Projected
13/01/2011		
20:00:00	5807	Projected
13/01/2011		
21:00:00	5773	Projected
13/01/2011		
22:00:00	5737	Projected
13/01/2011		
23:00:00	5702	Projected
14/01/2011		
00:00:00	5666	Projected
14/01/2011		
01:00:00	5629	Projected
14/01/2011		
02:00:00	5592	Projected
14/01/2011		
03:00:00	5555	Projected
14/01/2011		
04:00:00	5517	Projected
14/01/2011		
05:00:00	5480	Projected
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06:00:00	5441	Projected
14/01/2011		
07:00:00	5402	Projected
14/01/2011		
08:00:00	5363	Projected
14/01/2011		
09:00:00	5324	Projected
14/01/2011		
10:00:00	5284	Projected
14/01/2011		
11:00:00	5243	Projected
14/01/2011		
12:00:00	5202	Projected
14/01/2011		
13:00:00	5161	Projected
14/01/2011		
14:00:00	5120	Projected
14/01/2011		
15:00:00	5059	Projected
14/01/2011		
16:00:00	4988	Projected
14/01/2011		
17:00:00	4900	Projected
14/01/2011		
18:00:00	4815	Projected
14/01/2011		
19:00:00	4730	Projected
14/01/2011		
20:00:00	4647	Projected
14/01/2011		
21:00:00	4565	Projected
14/01/2011		
22:00:00	4485	Projected
14/01/2011		
23:00:00	4406	Projected
15/01/2011		
00:00:00	4329	Projected
15/01/2011		
01:00:00	4252	Projected
15/01/2011		
02:00:00	4177	Projected
15/01/2011		
03:00:00	4104	Projected
15/01/2011		
04:00:00	4031	Projected
15/01/2011		
05:00:00	3960	Projected

15/01/2011

31/03/2011

06:00:00	3890	Projected
15/01/2011		
07:00:00	3821	Projected
15/01/2011		
08:00:00	3754	Projected
15/01/2011		
09:00:00	3687	Projected
15/01/2011		
10:00:00	3622	Projected
15/01/2011		
11:00:00	3558	Projected
15/01/2011		
12:00:00	3495	Projected
15/01/2011		
13:00:00	3433	Projected
15/01/2011		
14:00:00	3373	Projected
15/01/2011		
15:00:00	3313	Projected
15/01/2011		
16:00:00	3255	Projected
15/01/2011		
17:00:00	3197	Projected
15/01/2011		
18:00:00	3141	Projected
15/01/2011		
19:00:00	3085	Projected
15/01/2011		
20:00:00	3031	Projected
15/01/2011		
21:00:00	2977	Projected
15/01/2011		
22:00:00	2925	Projected
15/01/2011		
23:00:00	2873	Projected
16/01/2011		
00:00:00	2822	Projected
16/01/2011		
01:00:00	2773	Projected
16/01/2011		
02:00:00	2724	Projected
16/01/2011		
03:00:00	2676	Projected
16/01/2011		
04:00:00	2629	Projected
16/01/2011		
05:00:00	2583	Projected
16/01/2011		
06:00:00	2538	Projected
16/01/2011		
07:00:00	2493	Projected
16/01/2011		
08:00:00	2449	Projected
16/01/2011		
09:00:00	2407	Projected
16/01/2011		
10:00:00	2365	Projected
16/01/2011		
11:00:00	2324	Projected
16/01/2011		
12:00:00	2283	Projected
16/01/2011		
13:00:00	2243	Projected
16/01/2011		
14:00:00	2204	Projected
16/01/2011		
15:00:00	2166	Projected
16/01/2011		
16:00:00	2129	Projected
16/01/2011		
17:00:00	2092	Projected

31/03/2011

16/01/2011		
18:00:00	2056	Projected
16/01/2011		
19:00:00	2020	Projected
16/01/2011		
20:00:00	1985	Projected
16/01/2011		
21:00:00	1951	Projected
16/01/2011		
22:00:00	1918	Projected
16/01/2011		
23:00:00	1007	Projected
17/01/2011		
00:00:00	1005	Projected
17/01/2011		
01:00:00	965	Projected
17/01/2011		
02:00:00	926	Projected
17/01/2011		
03:00:00	895	Projected
17/01/2011		
04:00:00	857	Projected
17/01/2011		
05:00:00	856	Projected
17/01/2011		
06:00:00	819	Projected
17/01/2011		
07:00:00	779	Projected
17/01/2011		
08:00:00	740	Projected

Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 11 January 2011 22:02
To: [REDACTED]

Subject: Actual and Projected Wivenhoe Releases (Updated)

Please note that the closure sequence is only valid for 12 hours to 0900 12/01/2011

Wivenhoe Dam Actual and Projected Releases

11/01/2011

Source: Seqwater FOC 22:00

02/01/2011		
09:00:00	50	Actual
02/01/2011		
10:00:00	50	Actual
02/01/2011		
11:00:00	50	Actual
02/01/2011		
12:00:00	50	Actual
02/01/2011		
13:00:00	50	Actual
02/01/2011		
14:00:00	50	Actual
02/01/2011		
15:00:00	50	Actual
02/01/2011		
16:00:00	50	Actual
02/01/2011		
17:00:00	50	Actual
02/01/2011		
18:00:00	50	Actual
02/01/2011		
19:00:00	50	Actual
02/01/2011		
20:00:00	50	Actual
02/01/2011		
21:00:00	50	Actual
02/01/2011		
22:00:00	50	Actual
02/01/2011		
23:00:00	50	Actual
03/01/2011		
00:00:00	50	Actual
03/01/2011		
01:00:00	50	Actual
03/01/2011		
02:00:00	50	Actual
03/01/2011		
03:00:00	50	Actual
03/01/2011		
04:00:00	50	Actual
03/01/2011		
05:00:00	50	Actual
03/01/2011		
06:00:00	50	Actual
03/01/2011		
07:00:00	50	Actual
03/01/2011		
08:00:00	50	Actual
03/01/2011		
09:00:00	50	Actual
03/01/2011		
10:00:00	50	Actual
03/01/2011		
11:00:00	50	Actual

31/03/2011

03/01/2011		
12:00:00	50	Actual
03/01/2011		
13:00:00	50	Actual
03/01/2011		
14:00:00	50	Actual
03/01/2011		
15:00:00	50	Actual
03/01/2011		
16:00:00	50	Actual
03/01/2011		
17:00:00	50	Actual
03/01/2011		
18:00:00	50	Actual
03/01/2011		
19:00:00	50	Actual
03/01/2011		
20:00:00	50	Actual
03/01/2011		
21:00:00	50	Actual
03/01/2011		
22:00:00	50	Actual
03/01/2011		
23:00:00	50	Actual
04/01/2011		
00:00:00	50	Actual
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01:00:00	50	Actual
04/01/2011		
02:00:00	50	Actual
04/01/2011		
03:00:00	50	Actual
04/01/2011		
04:00:00	50	Actual
04/01/2011		
05:00:00	50	Actual
04/01/2011		
06:00:00	50	Actual
04/01/2011		
07:00:00	50	Actual
04/01/2011		
08:00:00	50	Actual
04/01/2011		
09:00:00	50	Actual
04/01/2011		
10:00:00	50	Actual
04/01/2011		
11:00:00	50	Actual
04/01/2011		
12:00:00	50	Actual
04/01/2011		
13:00:00	50	Actual
04/01/2011		
14:00:00	50	Actual
04/01/2011		
15:00:00	50	Actual
04/01/2011		
16:00:00	50	Actual
04/01/2011		
17:00:00	50	Actual
04/01/2011		
18:00:00	50	Actual
04/01/2011		
19:00:00	50	Actual
04/01/2011		
20:00:00	50	Actual
04/01/2011		
21:00:00	50	Actual
04/01/2011		
22:00:00	50	Actual

04/01/2011

31/03/2011

23:00:00	50	Actual
05/01/2011		
00:00:00	50	Actual
05/01/2011		
01:00:00	50	Actual
05/01/2011		
02:00:00	50	Actual
05/01/2011		
03:00:00	50	Actual
05/01/2011		
04:00:00	50	Actual
05/01/2011		
05:00:00	50	Actual
05/01/2011		
06:00:00	50	Actual
05/01/2011		
07:00:00	50	Actual
05/01/2011		
08:00:00	50	Actual
05/01/2011		
09:00:00	50	Actual
05/01/2011		
10:00:00	50	Actual
05/01/2011		
11:00:00	50	Actual
05/01/2011		
12:00:00	50	Actual
05/01/2011		
13:00:00	50	Actual
05/01/2011		
14:00:00	50	Actual
05/01/2011		
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05/01/2011		
16:00:00	50	Actual
05/01/2011		
17:00:00	50	Actual
05/01/2011		
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05/01/2011		
19:00:00	50	Actual
05/01/2011		
20:00:00	50	Actual
05/01/2011		
21:00:00	50	Actual
05/01/2011		
22:00:00	50	Actual
05/01/2011		
23:00:00	50	Actual
06/01/2011		
00:00:00	50	Actual
06/01/2011		
01:00:00	50	Actual
06/01/2011		
02:00:00	50	Actual
06/01/2011		
03:00:00	50	Actual
06/01/2011		
04:00:00	50	Actual
06/01/2011		
05:00:00	50	Actual
06/01/2011		
06:00:00	50	Actual
06/01/2011		
07:00:00	50	Actual
06/01/2011		
08:00:00	50	Actual
06/01/2011		
09:00:00	50	Actual
06/01/2011		
10:00:00	50	Actual

31/03/2011

06/01/2011		
11:00:00	50	Actual
06/01/2011		
12:00:00	50	Actual
06/01/2011		
13:00:00	50	Actual
06/01/2011		
14:00:00	50	Actual
06/01/2011		
15:00:00	50	Actual
06/01/2011		
16:00:00	50	Actual
06/01/2011		
17:00:00	50	Actual
06/01/2011		
18:00:00	50	Actual
06/01/2011		
19:00:00	50	Actual
06/01/2011		
20:00:00	50	Actual
06/01/2011		
21:00:00	50	Actual
06/01/2011		
22:00:00	50	Actual
06/01/2011		
23:00:00	50	Actual
07/01/2011		
00:00:00	50	Actual
07/01/2011		
01:00:00	50	Actual
07/01/2011		
02:00:00	50	Actual
07/01/2011		
03:00:00	50	Actual
07/01/2011		
04:00:00	50	Actual
07/01/2011		
05:00:00	50	Actual
07/01/2011		
06:00:00	50	Actual
07/01/2011		
07:00:00	50	Actual
07/01/2011		
08:00:00	50	Actual
07/01/2011		
09:00:00	50	Actual
07/01/2011		
10:00:00	50	Actual
07/01/2011		
11:00:00	50	Actual
07/01/2011		
12:00:00	50	Actual
07/01/2011		
13:00:00	50	Actual
07/01/2011		
14:00:00	50	Actual
07/01/2011		
15:00:00	65	Actual
07/01/2011		
16:00:00	117	Actual
07/01/2011		
17:00:00	169	Actual
07/01/2011		
18:00:00	220	Actual
07/01/2011		
19:00:00	271	Actual
07/01/2011		
20:00:00	320	Actual
07/01/2011		
21:00:00	369	Actual

07/01/2011

31/03/2011

22:00:00	422	Actual
07/01/2011		
23:00:00	476	Actual
08/01/2011		
00:00:00	529	Actual
08/01/2011		
01:00:00	583	Actual
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02:00:00	637	Actual
08/01/2011		
03:00:00	691	Actual
08/01/2011		
04:00:00	745	Actual
08/01/2011		
05:00:00	799	Actual
08/01/2011		
06:00:00	854	Actual
08/01/2011		
07:00:00	909	Actual
08/01/2011		
08:00:00	957	Actual
08/01/2011		
09:00:00	1011	Actual
08/01/2011		
10:00:00	1064	Actual
08/01/2011		
11:00:00	1118	Actual
08/01/2011		
12:00:00	1172	Actual
08/01/2011		
13:00:00	1225	Actual
08/01/2011		
14:00:00	1277	Actual
08/01/2011		
15:00:00	1278	Actual
08/01/2011		
16:00:00	1278	Actual
08/01/2011		
17:00:00	1279	Actual
08/01/2011		
18:00:00	1279	Actual
08/01/2011		
19:00:00	1279	Actual
08/01/2011		
20:00:00	1280	Actual
08/01/2011		
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22:00:00	1280	Actual
08/01/2011		
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09/01/2011		
00:00:00	1279	Actual
09/01/2011		
01:00:00	1279	Actual
09/01/2011		
02:00:00	1326	Actual
09/01/2011		
03:00:00	1325	Actual
09/01/2011		
04:00:00	1325	Actual
09/01/2011		
05:00:00	1377	Actual
09/01/2011		
06:00:00	1376	Actual
09/01/2011		
07:00:00	1376	Actual
09/01/2011		
08:00:00	1375	Actual
09/01/2011		
09:00:00	1374	Actual

31/03/2011

09/01/2011		
10:00:00	1374	Actual
09/01/2011		
11:00:00	1374	Actual
09/01/2011		
12:00:00	1428	Actual
09/01/2011		
13:00:00	1428	Actual
09/01/2011		
14:00:00	1429	Actual
09/01/2011		
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09/01/2011		
16:00:00	1434	Actual
09/01/2011		
17:00:00	1437	Actual
09/01/2011		
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09/01/2011		
19:00:00	1447	Actual
09/01/2011		
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22:00:00	1466	Actual
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10/01/2011		
03:00:00	1632	Actual
10/01/2011		
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10/01/2011		
05:00:00	1770	Actual
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06:00:00	1840	Actual
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07:00:00	1910	Actual
10/01/2011		
08:00:00	1981	Actual
10/01/2011		
09:00:00	2052	Actual
10/01/2011		
10:00:00	2065	Actual
10/01/2011		
11:00:00	2077	Actual
10/01/2011		
12:00:00	2090	Actual
10/01/2011		
13:00:00	2103	Actual
10/01/2011		
14:00:00	2114	Actual
10/01/2011		
15:00:00	2124	Actual
10/01/2011		
16:00:00	2190	Actual
10/01/2011		
17:00:00	2312	Actual
10/01/2011		
18:00:00	2438	Actual
10/01/2011		
19:00:00	2560	Actual
10/01/2011		
20:00:00	2741	Actual

10/01/2011

31/03/2011

21:00:00	2749	Actual
10/01/2011		
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10/01/2011		
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11/01/2011		
00:00:00	2769	Actual
11/01/2011		
01:00:00	2774	Actual
11/01/2011		
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11/01/2011		
03:00:00	2784	Actual
11/01/2011		
04:00:00	2788	Actual
11/01/2011		
05:00:00	2793	Actual
11/01/2011		
06:00:00	2799	Actual
11/01/2011		
07:00:00	2805	Actual
11/01/2011		
08:00:00	2811	Actual
11/01/2011		
09:00:00	3038	Actual
11/01/2011		
10:00:00	3394	Actual
11/01/2011		
11:00:00	3574	Actual
11/01/2011		
12:00:00	3699	Actual
11/01/2011		
13:00:00	4283	Actual
11/01/2011		
14:00:00	4584	Actual
11/01/2011		
15:00:00	5183	Actual
11/01/2011		
16:00:00	5801	Actual
11/01/2011		
17:00:00	6445	Actual
11/01/2011		
18:00:00	6786	Actual
11/01/2011		
19:00:00	7482	Actual
11/01/2011		
20:00:00	7487	Actual
11/01/2011		
21:00:00	7489	Actual
11/01/2011		
22:00:00	7141	Actual
11/01/2011		
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12/01/2011		
00:00:00	6800	Projected
12/01/2011		
01:00:00	6798	Projected
12/01/2011		
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12/01/2011		
03:00:00	6462	Projected
12/01/2011		
04:00:00	6137	Projected
12/01/2011		
05:00:00	6133	Projected
12/01/2011		
06:00:00	6127	Projected
12/01/2011		
07:00:00	5809	Projected
12/01/2011		
08:00:00	5803	Projected

31/03/2011

12/01/2011		
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12/01/2011		
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12/01/2011		
11:00:00	5479	Projected
12/01/2011		
12:00:00	5471	Projected
12/01/2011		
13:00:00	5463	Projected
12/01/2011		
14:00:00	5454	Projected
12/01/2011		
15:00:00	5444	Projected
12/01/2011		
16:00:00	5434	Projected
12/01/2011		
17:00:00	5423	Projected
12/01/2011		
18:00:00	5412	Projected
12/01/2011		
19:00:00	5400	Projected
12/01/2011		
20:00:00	5388	Projected
12/01/2011		
21:00:00	5375	Projected
12/01/2011		
22:00:00	5362	Projected
12/01/2011		
23:00:00	5349	Projected
13/01/2011		
00:00:00	5335	Projected
13/01/2011		
01:00:00	5320	Projected
13/01/2011		
02:00:00	5306	Projected
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03:00:00	5291	Projected
13/01/2011		
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13/01/2011		
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13/01/2011		
06:00:00	5244	Projected
13/01/2011		
07:00:00	5228	Projected
13/01/2011		
08:00:00	5212	Projected
13/01/2011		
09:00:00	5195	Projected
13/01/2011		
10:00:00	5178	Projected
13/01/2011		
11:00:00	5161	Projected
13/01/2011		
12:00:00	5143	Projected
13/01/2011		
13:00:00	5125	Projected
13/01/2011		
14:00:00	5107	Projected
13/01/2011		
15:00:00	5089	Projected
13/01/2011		
16:00:00	5070	Projected
13/01/2011		
17:00:00	5052	Projected
13/01/2011		
18:00:00	5033	Projected
13/01/2011		
19:00:00	5013	Projected

13/01/2011

31/03/2011

20:00:00	4994	Projected
13/01/2011		
21:00:00	4974	Projected
13/01/2011		
22:00:00	4954	Projected
13/01/2011		
23:00:00	4934	Projected
14/01/2011		
00:00:00	4914	Projected
14/01/2011		
01:00:00	4893	Projected
14/01/2011		
02:00:00	4872	Projected
14/01/2011		
03:00:00	4851	Projected
14/01/2011		
04:00:00	4830	Projected
14/01/2011		
05:00:00	4808	Projected
14/01/2011		
06:00:00	4787	Projected
14/01/2011		
07:00:00	4765	Projected
14/01/2011		
08:00:00	4743	Projected
14/01/2011		
09:00:00	4720	Projected
14/01/2011		
10:00:00	4698	Projected
14/01/2011		
11:00:00	4675	Projected
14/01/2011		
12:00:00	4652	Projected
14/01/2011		
13:00:00	4629	Projected
14/01/2011		
14:00:00	4605	Projected
14/01/2011		
15:00:00	4582	Projected
14/01/2011		
16:00:00	4558	Projected
14/01/2011		
17:00:00	4534	Projected
14/01/2011		
18:00:00	4510	Projected
14/01/2011		
19:00:00	4485	Projected
14/01/2011		
20:00:00	4461	Projected
14/01/2011		
21:00:00	4436	Projected
14/01/2011		
22:00:00	4411	Projected
14/01/2011		
23:00:00	4385	Projected
15/01/2011		
00:00:00	4360	Projected
15/01/2011		
01:00:00	4334	Projected
15/01/2011		
02:00:00	4308	Projected
15/01/2011		
03:00:00	4282	Projected
15/01/2011		
04:00:00	4256	Projected
15/01/2011		
05:00:00	4229	Projected
15/01/2011		
06:00:00	4202	Projected
15/01/2011		
07:00:00	4175	Projected

31/03/2011

15/01/2011		
08:00:00	4148	Projected
15/01/2011		
09:00:00	4120	Projected
15/01/2011		
10:00:00	4093	Projected
15/01/2011		
11:00:00	4064	Projected
15/01/2011		
12:00:00	4036	Projected
15/01/2011		
13:00:00	4008	Projected
15/01/2011		
14:00:00	3979	Projected
15/01/2011		
15:00:00	3950	Projected
15/01/2011		
16:00:00	3921	Projected
15/01/2011		
17:00:00	3892	Projected
15/01/2011		
18:00:00	3862	Projected
15/01/2011		
19:00:00	3832	Projected
15/01/2011		
20:00:00	3802	Projected
15/01/2011		
21:00:00	3772	Projected
15/01/2011		
22:00:00	3741	Projected
15/01/2011		
23:00:00	3710	Projected
16/01/2011		
00:00:00	3679	Projected
16/01/2011		
01:00:00	3640	Projected
16/01/2011		
02:00:00	3593	Projected
16/01/2011		
03:00:00	3533	Projected
16/01/2011		
04:00:00	3468	Projected
16/01/2011		
05:00:00	3404	Projected
16/01/2011		
06:00:00	3341	Projected
16/01/2011		
07:00:00	3279	Projected
16/01/2011		
08:00:00	3219	Projected
16/01/2011		
09:00:00	3160	Projected
16/01/2011		
10:00:00	3101	Projected
16/01/2011		
11:00:00	3044	Projected
16/01/2011		
12:00:00	2988	Projected
16/01/2011		
13:00:00	2933	Projected
16/01/2011		
14:00:00	2879	Projected
16/01/2011		
15:00:00	2827	Projected
16/01/2011		
16:00:00	2775	Projected
16/01/2011		
17:00:00	2724	Projected
16/01/2011		
18:00:00	2674	Projected

16/01/2011

31/03/2011

19:00:00	2625	Projected
16/01/2011		
20:00:00	2577	Projected
16/01/2011		
21:00:00	2530	Projected
16/01/2011		
22:00:00	2484	Projected
16/01/2011		
23:00:00	1101	Projected
17/01/2011		
00:00:00	1098	Projected
17/01/2011		
01:00:00	1055	Projected
17/01/2011		
02:00:00	1012	Projected
17/01/2011		
03:00:00	977	Projected
17/01/2011		
04:00:00	936	Projected
17/01/2011		
05:00:00	935	Projected
17/01/2011		
06:00:00	894	Projected
17/01/2011		
07:00:00	851	Projected
17/01/2011		
08:00:00	809	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 01:24
To: [REDACTED]

Subject: Wivenhoe Dam Directive #29 at 01:15 on Tuesdya 12 January 2011
Attachments: OPS_Directive_Wivenhoe #29.doc

Please find attached a copy of Directive #29 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 03:38
To: [REDACTED]

Subject: Wivenhoe Directive #30

Attachments: OPS_Directive_Wivenhoe #30.doc

Please find attached a copy of the latest directive for Wivenhoe Dam

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 03:48
To: [REDACTED]
Subject: Actual and Projected Wivenhoe Releases (Updated)

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 12/01/2011 3:43

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
02/01/2011 19:00:00	50	Actual
02/01/2011 20:00:00	50	Actual
02/01/2011 21:00:00	50	Actual
02/01/2011 22:00:00	50	Actual
02/01/2011 23:00:00	50	Actual
03/01/2011 00:00:00	50	Actual
03/01/2011 01:00:00	50	Actual
03/01/2011 02:00:00	50	Actual
03/01/2011 03:00:00	50	Actual
03/01/2011 04:00:00	50	Actual
03/01/2011 05:00:00	50	Actual
03/01/2011 06:00:00	50	Actual
03/01/2011 07:00:00	50	Actual
03/01/2011 08:00:00	50	Actual
03/01/2011 09:00:00	50	Actual
03/01/2011 10:00:00	50	Actual
03/01/2011 11:00:00	50	Actual
03/01/2011 12:00:00	50	Actual
03/01/2011 13:00:00	50	Actual
03/01/2011 14:00:00	50	Actual
03/01/2011 15:00:00	50	Actual
03/01/2011 16:00:00	50	Actual
03/01/2011 17:00:00	50	Actual
03/01/2011 18:00:00	50	Actual
03/01/2011 19:00:00	50	Actual
03/01/2011 20:00:00	50	Actual
03/01/2011 21:00:00	50	Actual
03/01/2011 22:00:00	50	Actual
03/01/2011 23:00:00	50	Actual
04/01/2011 00:00:00	50	Actual
04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual
04/01/2011 03:00:00	50	Actual

31/03/2011

04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
04/01/2011 08:00:00	50	Actual
04/01/2011 09:00:00	50	Actual
04/01/2011 10:00:00	50	Actual
04/01/2011 11:00:00	50	Actual
04/01/2011 12:00:00	50	Actual
04/01/2011 13:00:00	50	Actual
04/01/2011 14:00:00	50	Actual
04/01/2011 15:00:00	50	Actual
04/01/2011 16:00:00	50	Actual
04/01/2011 17:00:00	50	Actual
04/01/2011 18:00:00	50	Actual
04/01/2011 19:00:00	50	Actual
04/01/2011 20:00:00	50	Actual
04/01/2011 21:00:00	50	Actual
04/01/2011 22:00:00	50	Actual
04/01/2011 23:00:00	50	Actual
05/01/2011 00:00:00	50	Actual
05/01/2011 01:00:00	50	Actual
05/01/2011 02:00:00	50	Actual
05/01/2011 03:00:00	50	Actual
05/01/2011 04:00:00	50	Actual
05/01/2011 05:00:00	50	Actual
05/01/2011 06:00:00	50	Actual
05/01/2011 07:00:00	50	Actual
05/01/2011 08:00:00	50	Actual
05/01/2011 09:00:00	50	Actual
05/01/2011 10:00:00	50	Actual
05/01/2011 11:00:00	50	Actual
05/01/2011 12:00:00	50	Actual
05/01/2011 13:00:00	50	Actual
05/01/2011 14:00:00	50	Actual
05/01/2011 15:00:00	50	Actual
05/01/2011 16:00:00	50	Actual
05/01/2011 17:00:00	50	Actual
05/01/2011 18:00:00	50	Actual
05/01/2011 19:00:00	50	Actual
05/01/2011 20:00:00	50	Actual
05/01/2011 21:00:00	50	Actual
05/01/2011 22:00:00	50	Actual
05/01/2011 23:00:00	50	Actual
06/01/2011 00:00:00	50	Actual
06/01/2011 01:00:00	50	Actual
06/01/2011 02:00:00	50	Actual
06/01/2011 03:00:00	50	Actual
06/01/2011 04:00:00	50	Actual
06/01/2011 05:00:00	50	Actual
06/01/2011 06:00:00	50	Actual
06/01/2011 07:00:00	50	Actual
06/01/2011 08:00:00	50	Actual

31/03/2011

06/01/2011 09:00:00	50	Actual
06/01/2011 10:00:00	50	Actual
06/01/2011 11:00:00	50	Actual
06/01/2011 12:00:00	50	Actual
06/01/2011 13:00:00	50	Actual
06/01/2011 14:00:00	50	Actual
06/01/2011 15:00:00	50	Actual
06/01/2011 16:00:00	50	Actual
06/01/2011 17:00:00	50	Actual
06/01/2011 18:00:00	50	Actual
06/01/2011 19:00:00	50	Actual
06/01/2011 20:00:00	50	Actual
06/01/2011 21:00:00	50	Actual
06/01/2011 22:00:00	50	Actual
06/01/2011 23:00:00	50	Actual
07/01/2011 00:00:00	50	Actual
07/01/2011 01:00:00	50	Actual
07/01/2011 02:00:00	50	Actual
07/01/2011 03:00:00	50	Actual
07/01/2011 04:00:00	50	Actual
07/01/2011 05:00:00	50	Actual
07/01/2011 06:00:00	50	Actual
07/01/2011 07:00:00	50	Actual
07/01/2011 08:00:00	50	Actual
07/01/2011 09:00:00	50	Actual
07/01/2011 10:00:00	50	Actual
07/01/2011 11:00:00	50	Actual
07/01/2011 12:00:00	50	Actual
07/01/2011 13:00:00	50	Actual
07/01/2011 14:00:00	50	Actual
07/01/2011 15:00:00	65	Actual
07/01/2011 16:00:00	117	Actual
07/01/2011 17:00:00	169	Actual
07/01/2011 18:00:00	220	Actual
07/01/2011 19:00:00	270	Actual
07/01/2011 20:00:00	320	Actual
07/01/2011 21:00:00	368	Actual
07/01/2011 22:00:00	421	Actual
07/01/2011 23:00:00	475	Actual
08/01/2011 00:00:00	529	Actual
08/01/2011 01:00:00	582	Actual
08/01/2011 02:00:00	636	Actual
08/01/2011 03:00:00	690	Actual
08/01/2011 04:00:00	744	Actual
08/01/2011 05:00:00	798	Actual
08/01/2011 06:00:00	852	Actual
08/01/2011 07:00:00	907	Actual
08/01/2011 08:00:00	956	Actual
08/01/2011 09:00:00	1009	Actual
08/01/2011 10:00:00	1062	Actual
08/01/2011 11:00:00	1116	Actual
08/01/2011 12:00:00	1170	Actual
08/01/2011 13:00:00	1222	Actual

31/03/2011

08/01/2011 14:00:00	1274	Actual
08/01/2011 15:00:00	1275	Actual
08/01/2011 16:00:00	1276	Actual
08/01/2011 17:00:00	1276	Actual
08/01/2011 18:00:00	1276	Actual
08/01/2011 19:00:00	1276	Actual
08/01/2011 20:00:00	1277	Actual
08/01/2011 21:00:00	1277	Actual
08/01/2011 22:00:00	1276	Actual
08/01/2011 23:00:00	1276	Actual
09/01/2011 00:00:00	1276	Actual
09/01/2011 01:00:00	1276	Actual
09/01/2011 02:00:00	1322	Actual
09/01/2011 03:00:00	1322	Actual
09/01/2011 04:00:00	1321	Actual
09/01/2011 05:00:00	1373	Actual
09/01/2011 06:00:00	1373	Actual
09/01/2011 07:00:00	1372	Actual
09/01/2011 08:00:00	1371	Actual
09/01/2011 09:00:00	1371	Actual
09/01/2011 10:00:00	1370	Actual
09/01/2011 11:00:00	1371	Actual
09/01/2011 12:00:00	1424	Actual
09/01/2011 13:00:00	1424	Actual
09/01/2011 14:00:00	1425	Actual
09/01/2011 15:00:00	1427	Actual
09/01/2011 16:00:00	1430	Actual
09/01/2011 17:00:00	1433	Actual
09/01/2011 18:00:00	1437	Actual
09/01/2011 19:00:00	1442	Actual
09/01/2011 20:00:00	1447	Actual
09/01/2011 21:00:00	1454	Actual
09/01/2011 22:00:00	1461	Actual
09/01/2011 23:00:00	1470	Actual
10/01/2011 00:00:00	1480	Actual
10/01/2011 01:00:00	1491	Actual
10/01/2011 02:00:00	1558	Actual
10/01/2011 03:00:00	1625	Actual
10/01/2011 04:00:00	1693	Actual
10/01/2011 05:00:00	1763	Actual
10/01/2011 06:00:00	1832	Actual
10/01/2011 07:00:00	1901	Actual
10/01/2011 08:00:00	1971	Actual
10/01/2011 09:00:00	2042	Actual
10/01/2011 10:00:00	2055	Actual
10/01/2011 11:00:00	2067	Actual
10/01/2011 12:00:00	2079	Actual
10/01/2011 13:00:00	2092	Actual
10/01/2011 14:00:00	2102	Actual
10/01/2011 15:00:00	2112	Actual
10/01/2011 16:00:00	2178	Actual
10/01/2011 17:00:00	2299	Actual
10/01/2011 18:00:00	2424	Actual

31/03/2011

10/01/2011 19:00:00	2545	Actual
10/01/2011 20:00:00	2725	Actual
10/01/2011 21:00:00	2732	Actual
10/01/2011 22:00:00	2739	Actual
10/01/2011 23:00:00	2745	Actual
11/01/2011 00:00:00	2751	Actual
11/01/2011 01:00:00	2757	Actual
11/01/2011 02:00:00	2762	Actual
11/01/2011 03:00:00	2766	Actual
11/01/2011 04:00:00	2770	Actual
11/01/2011 05:00:00	2775	Actual
11/01/2011 06:00:00	2781	Actual
11/01/2011 07:00:00	2786	Actual
11/01/2011 08:00:00	2792	Actual
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11/01/2011 20:00:00	7414	Actual
11/01/2011 21:00:00	7416	Actual
11/01/2011 22:00:00	7071	Actual
11/01/2011 23:00:00	7071	Actual
12/01/2011 00:00:00	6091	Actual
12/01/2011 01:00:00	6093	Actual
12/01/2011 02:00:00	5479	Actual
12/01/2011 03:00:00	5481	Actual
12/01/2011 04:00:00	4888	Projected
12/01/2011 05:00:00	4889	Projected
12/01/2011 06:00:00	4309	Projected
12/01/2011 07:00:00	4310	Projected
12/01/2011 08:00:00	3733	Projected
12/01/2011 09:00:00	3734	Projected
12/01/2011 10:00:00	3151	Projected
12/01/2011 11:00:00	3152	Projected
12/01/2011 12:00:00	2553	Projected
12/01/2011 13:00:00	2555	Projected
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12/01/2011 16:00:00	2558	Projected
12/01/2011 17:00:00	2558	Projected
12/01/2011 18:00:00	2559	Projected
12/01/2011 19:00:00	2559	Projected
12/01/2011 20:00:00	2559	Projected
12/01/2011 21:00:00	2559	Projected
12/01/2011 22:00:00	2559	Projected
12/01/2011 23:00:00	2558	Projected

31/03/2011

13/01/2011 00:00:00	2558	Projected
13/01/2011 01:00:00	2557	Projected
13/01/2011 02:00:00	2556	Projected
13/01/2011 03:00:00	2555	Projected
13/01/2011 04:00:00	2615	Projected
13/01/2011 05:00:00	2613	Projected
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13/01/2011 07:00:00	2670	Projected
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13/01/2011 11:00:00	2784	Projected
13/01/2011 12:00:00	2842	Projected
13/01/2011 13:00:00	2839	Projected
13/01/2011 14:00:00	2896	Projected
13/01/2011 15:00:00	2893	Projected
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13/01/2011 17:00:00	3004	Projected
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13/01/2011 20:00:00	3167	Projected
13/01/2011 21:00:00	3162	Projected
13/01/2011 22:00:00	3273	Projected
13/01/2011 23:00:00	3268	Projected
14/01/2011 00:00:00	3377	Projected
14/01/2011 01:00:00	3372	Projected
14/01/2011 02:00:00	3424	Projected
14/01/2011 03:00:00	3419	Projected
14/01/2011 04:00:00	3528	Projected
14/01/2011 05:00:00	3524	Projected
14/01/2011 06:00:00	3631	Projected
14/01/2011 07:00:00	3626	Projected
14/01/2011 08:00:00	3621	Projected
14/01/2011 09:00:00	3615	Projected
14/01/2011 10:00:00	3609	Projected
14/01/2011 11:00:00	3604	Projected
14/01/2011 12:00:00	3598	Projected
14/01/2011 13:00:00	3592	Projected
14/01/2011 14:00:00	3586	Projected
14/01/2011 15:00:00	3580	Projected
14/01/2011 16:00:00	3573	Projected
14/01/2011 17:00:00	3567	Projected
14/01/2011 18:00:00	3561	Projected
14/01/2011 19:00:00	3554	Projected
14/01/2011 20:00:00	3548	Projected
14/01/2011 21:00:00	3541	Projected
14/01/2011 22:00:00	3534	Projected
14/01/2011 23:00:00	3527	Projected
15/01/2011 00:00:00	3521	Projected
15/01/2011 01:00:00	3514	Projected
15/01/2011 02:00:00	3507	Projected
15/01/2011 03:00:00	3499	Projected
15/01/2011 04:00:00	3492	Projected

31/03/2011

15/01/2011 05:00:00	3485	Projected
15/01/2011 06:00:00	3478	Projected
15/01/2011 07:00:00	3470	Projected
15/01/2011 08:00:00	3463	Projected
15/01/2011 09:00:00	3455	Projected
15/01/2011 10:00:00	3448	Projected
15/01/2011 11:00:00	3440	Projected
15/01/2011 12:00:00	3432	Projected
15/01/2011 13:00:00	3425	Projected
15/01/2011 14:00:00	3417	Projected
15/01/2011 15:00:00	3409	Projected
15/01/2011 16:00:00	3401	Projected
15/01/2011 17:00:00	3393	Projected
15/01/2011 18:00:00	3385	Projected
15/01/2011 19:00:00	3377	Projected
15/01/2011 20:00:00	3369	Projected
15/01/2011 21:00:00	3360	Projected
15/01/2011 22:00:00	3352	Projected
15/01/2011 23:00:00	3344	Projected
16/01/2011 00:00:00	3336	Projected
16/01/2011 01:00:00	3327	Projected
16/01/2011 02:00:00	3319	Projected
16/01/2011 03:00:00	3310	Projected
16/01/2011 04:00:00	3302	Projected
16/01/2011 05:00:00	3293	Projected
16/01/2011 06:00:00	3285	Projected
16/01/2011 07:00:00	3276	Projected
16/01/2011 08:00:00	3268	Projected
16/01/2011 09:00:00	3259	Projected
16/01/2011 10:00:00	3250	Projected
16/01/2011 11:00:00	3242	Projected
16/01/2011 12:00:00	3233	Projected
16/01/2011 13:00:00	3224	Projected
16/01/2011 14:00:00	3215	Projected
16/01/2011 15:00:00	3207	Projected
16/01/2011 16:00:00	3198	Projected
16/01/2011 17:00:00	3189	Projected
16/01/2011 18:00:00	3180	Projected
16/01/2011 19:00:00	3171	Projected
16/01/2011 20:00:00	3162	Projected
16/01/2011 21:00:00	3153	Projected
16/01/2011 22:00:00	3144	Projected
16/01/2011 23:00:00	3135	Projected
17/01/2011 00:00:00	3125	Projected
17/01/2011 01:00:00	3115	Projected
17/01/2011 02:00:00	3105	Projected
17/01/2011 03:00:00	3094	Projected
17/01/2011 04:00:00	3084	Projected
17/01/2011 05:00:00	3073	Projected
17/01/2011 06:00:00	3061	Projected
17/01/2011 07:00:00	3049	Projected
17/01/2011 08:00:00	3037	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 05:49
To: [REDACTED]

Subject: Situation Report 0600 Wed 12/01/2011

No significant rain has fallen over the catchments in the past twelve hours. Less than 10 to 15 millimeters of rainfall is expected over the next 24-48 hours.

Wivenhoe Dam peaked on the 11th January, Tuesday night at 19:00 at 74.97 mAHD with a corresponding discharge of 7,450 m³/s. The release have now been scaled back to 4,300m³/s at 05:00 am. Wivenhoe Dam is currently 74.77 m AHD and falling slowly.

The releases from Wivenhoe Dam will be temporarily reduced to 2,500 m³/s to allow the peak of Lockyer Creek to enter the Brisbane River, after which they will be increased to maximum of 3,500 m³/s. This release will then be maintained to drain the flood storage component within the required 7 days.

Somerset Dam is at 105.10 mAHD and slowly rising. The dam is discharging 1,230 m³/s over the spillway. The dam is expected to peak this morning near its current level. Sluice gates will be utilised to assist the draining of the flood storage compartment commencing on Thursday.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2 million megalitres.

North Pine Dam is currently releasing 105 m³/s through five gates. At 17:00 the lake was 39.78 mAHD. The event has a volume of around 200,000 ML. The peak discharge from the dam was 2,800 m³/s. This is categorised as an extreme event in the order of 1 in 10,000.

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is also maintaining close contact with warning agencies and local councils.

The next report will be issued at 08:00 12 January 2011.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 05:54
To: [REDACTED]
Subject: Actual and Projected Wivenhoe Releases

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC 12/01/2011 5:51

02/01/2011 09:00:00	50	Actual
02/01/2011 10:00:00	50	Actual
02/01/2011 11:00:00	50	Actual
02/01/2011 12:00:00	50	Actual
02/01/2011 13:00:00	50	Actual
02/01/2011 14:00:00	50	Actual
02/01/2011 15:00:00	50	Actual
02/01/2011 16:00:00	50	Actual
02/01/2011 17:00:00	50	Actual
02/01/2011 18:00:00	50	Actual
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03/01/2011 00:00:00	50	Actual
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03/01/2011 03:00:00	50	Actual
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03/01/2011 08:00:00	50	Actual
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03/01/2011 20:00:00	50	Actual
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03/01/2011 23:00:00	50	Actual
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04/01/2011 01:00:00	50	Actual
04/01/2011 02:00:00	50	Actual
04/01/2011 03:00:00	50	Actual

31/03/2011

04/01/2011 04:00:00	50	Actual
04/01/2011 05:00:00	50	Actual
04/01/2011 06:00:00	50	Actual
04/01/2011 07:00:00	50	Actual
04/01/2011 08:00:00	50	Actual
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31/03/2011

06/01/2011 09:00:00	50	Actual
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08/01/2011 06:00:00	852	Actual
08/01/2011 07:00:00	907	Actual
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08/01/2011 10:00:00	1062	Actual
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08/01/2011 13:00:00	1222	Actual

31/03/2011

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31/03/2011

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12/01/2011 08:00:00	3153	Projected
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12/01/2011 12:00:00	2560	Projected
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31/03/2011

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14/01/2011 05:00:00	3534	Projected
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31/03/2011

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15/01/2011 17:00:00	3404	Projected
15/01/2011 18:00:00	3396	Projected
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17/01/2011 05:00:00	3085	Projected
17/01/2011 06:00:00	3073	Projected
17/01/2011 07:00:00	3061	Projected
17/01/2011 08:00:00	3050	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 05:58
To: [REDACTED]
Subject: FW: River Levels at Mt Crosby Weir

FYI

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 4:42 AM
To: 'Brett Myatt'
Subject: RE: River Levels at Mt Crosby Weir

Thanks.

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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From: Brett Myatt [REDACTED]
Sent: Wednesday, 12 January 2011 4:40 AM
To: Duty Seq
Subject: FW: River Levels at Mt Crosby Weir

12/1/2011

0430 25.4m

From: Brett Myatt
Sent: Wednesday, 12 January 2011 3:52 AM
To: Duty Seq
Subject: River Levels at Mt Crosby Weir

11/1/2011
1845 21.6m
1915 21.75m

31/03/2011

2000 22 m
2050 22.4m
2150 22.75m
2300 23.2m

12/1/2011
0140 24.4
0245 24.8m
0340 25.1m

Regards
Brett

Brett Myatt

Manager Water Treatment Operations South

QLD Bulk Water Supply Authority trading as Seqwater



Level 3, 240 Margaret St, Brisbane City QLD 4000 Australia
PO Box 16146, City East QLD 4002
Website | www.seqwater.com.au

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 07:36
To: [REDACTED]
Cc: [REDACTED]
Subject: Flow Gauging at Jindalee

Ali

I asked Paul to consider getting you guys to take a flow measurement at Jindalee during the next 24 hours. Best estimate is that the peak will be at Jindalee tonight around 10pm.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 07:57
To: [REDACTED]

Subject: RE: Situation Report 0800 Wed 12/01/2011

Rainfall

No significant rain has fallen over the catchments in the past twelve hours. Less than 10 to 15 millimeters of rainfall is expected over the next 24-48 hours.

Somerset/Wivenhoe

Somerset Dam has peaked at 105.11 mAHD at 06:00 on 12 January 2011 and the dam is discharging 1,230 m3/s over the spillway. Sluice gates will be utilised to assist the draining of the flood storage compartment commencing later Wednesday.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on 11 January 2011 with a corresponding discharge of 7,450 m3/s. Wivenhoe Dam was 74.75 m AHD at 07:30 and generally falling slowly.

The releases from Wivenhoe Dam have been temporarily reduced to 2,500 m3/s at 07:30 to allow the peak of Lockyer Creek to enter the Brisbane River. After the downstream peak in the lower Brisbane River has passed, releases will be increased to maximum of 3,500 m3/s. This release will then be maintained to drain the flood storage component within the required 7 days.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2 million megalitres.

North Pine

At 07:00 North Pine Dam was 39.78 mAHD falling and releasing about 105 m3/s. North Pine has peaked at 41.11 mAHD at 14:00 on 11 January 1974 with peak release of 2,800 m3/s. The event has a volume of around 200,000 ML. [It is expected that gates will be close later Wednesday or early Thursday.](#)

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is maintaining close contact with warning agencies and local councils.

The next report will be issued at 12:00 12 January 2011.

Regards

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 08:00
To: 'Cameron Alasdair'
Cc: [REDACTED]
Subject: Flow Gauging at Jindalee

Ali

I asked Paul to consider getting you guys to take a flow measurement at Jindalee during the next 24 hours. Best estimate is that the peak will be at Jindalee tonight around 10pm.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 09:40
To: [REDACTED]
Subject: For your consideration

To achieve this result I've reduced the outflows from Wivenhoe by 0.15 (loss=0.15)

 LOWER BRISBANE RIVER
 LOWER BRISBANE RIVER (no forecast rainfall)
 RUN DATED:Wed Jan 12 2011 09:03
 FORECAST RUN FROM Sun Jan 02 2011 09:00
 DATA PARAMETERS : Locations = 18 Values = 407 Data Interval = 1.000 hours
 MODEL PARAMETERS: alpha = 0.1300 m = 0.80 beta = 3.000 IL = 10.0 CL = 2.00

LOCATION	Time of Peak	Peak Discharge cumecs	Peak Height metres	
WD_OUTFLOW	Tue Jan 11 2011 21:00	7416.00	N/A	*
OREILLYS_WEIR	Wed Jan 12 2011 05:00	3272.60	23.96	
L_PUMP_STN	Wed Jan 12 2011 03:00	8231.07	39.33	
SAVAGES_XING	Wed Jan 12 2011 04:00	8295.82	24.23	
BURTONS_BR	Wed Jan 12 2011 06:00	8380.03	25.14	
L_MANCHESTER	Tue Jan 11 2011 17:00	N/A	53.43	
L_MANCHESTER	Tue Jan 11 2011 17:00	390.76	53.45	
KHOLO_BR	Wed Jan 12 2011 09:00	8494.16	28.10	
MT_CROSBY_WEIR	Wed Jan 12 2011 11:00	8479.41	27.32	
COLLEGES_XING	Wed Jan 12 2011 11:00	8482.12	30.54	
WALLOON	Tue Jan 11 2011 22:00	1654.60	11.77	
AMBERLEY	Wed Jan 12 2011 07:00	757.57	9.09	
LOAMSIDE	Tue Jan 11 2011 21:00	170.11	7.67	
ONE_MILE_BR	Wed Jan 12 2011 00:00	2573.66	22.29	
HANCOCKS_BR	Wed Jan 12 2011 00:00	2600.05	20.05	
IPSWICH	Wed Jan 12 2011 15:00	2598.47	20.57	
MOGGILL	Wed Jan 12 2011 16:00	9563.23	20.01	
JINDALEE	Wed Jan 12 2011 19:00	9577.34	13.88	
BRISBANE	Thu Jan 13 2011 02:00	9556.60	5.23	*
BAR	Mon Jan 03 2011 09:00	N/A	2.45	*

Terry

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 15:18
To: [REDACTED]
Cc: [REDACTED]
Subject: Situation Report 1500 Wed 12/01/2011

Rainfall

Rainfall in the last 12 hours is generally below 5mm with a couple of 10mm falls in the Stanley and North Pine catchments. There is no significant rain expected for the next 4 days.

Somerset/Wivenhoe

Somerset Dam has peaked at 105.11 mAHD at 06:00 on 12 January 2011. One sluice was opened at 1030 12 January 2011 and the dam is discharging 1,440 m³/s. Sluice gates will be utilised to drain of the flood storage compartment during the next 5 days.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on 11 January 2011 with a corresponding discharge of 7,450 m³/s. Wivenhoe Dam was 74.81 m AHD at 15:00 and steady.

The releases from Wivenhoe Dam have been temporarily reduced to 2,500 m³/s at 07:30 12 January 2011 to allow the peak of Lockyer Creek to enter the Brisbane River. After the downstream peak in the lower Brisbane River has passed, releases will be increased to maximum of 3,500 m³/s. This release will then be maintained to drain the flood storage component within the required 7 days.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2 million megalitres.

North Pine

At 15:00 North Pine Dam was 39.74 mAHD falling with all gates open 1 increment, releasing about 80 m³/s. North Pine peaked at 41.11 mAHD at 14:00 on 11 January 1974 with peak release of 2,800 m³/s. The event has a volume of around 200,000 ML. It is expected that gates will be closed on Thursday or Thursday.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is maintaining close contact with warning agencies and local councils.

The next report will be issued at 18:00 12 January 2011.

Regards

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 17:57
To: [REDACTED]

Cc: [REDACTED]
Subject: Situation Report 1800 Wed 12/01/2011

Rainfall

Rainfall in the last 12 hours is generally below 5mm with a couple of 10mm falls in the Stanley and North Pine catchments. There is no significant rain expected in the next 4 days.

Somerset/Wivenhoe

Somerset Dam has peaked at 105.11 mAHD at 06:00 on 12 January 2011. One sluice was opened at 1030 12 January 2011. Somerset Dam was 104.87 mAHD at 1700 12 January 2011 and discharging 1,410 m³/s. Sluice gates will be utilised to drain of the flood storage compartment during the next 5 days.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on 11 January 2011 with a corresponding discharge of 7,450 m³/s. Wivenhoe Dam was 74.82 m AHD at 17:00 and steady.

The release from Wivenhoe Dam was reduced to 2,500 m³/s at 07:30 12 January 2011 to allow the peak of Lockyer Creek to enter the Brisbane River and this release has been maintained since. After the downstream peak in the lower Brisbane River has passed, releases will be increased to maximum of 3,500 m³/s. The release is expected to commence Thursday and then be maintained at this level to drain the flood storage component within the required 7 days. The releases will not result in any renewed rises at downstream locations.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be 2.6 million megalitres.

North Pine

At 17:00 North Pine Dam was 39.74 mAHD steady with all gates open 1 increment, releasing about 80 m³/s. North Pine peaked at 41.11 mAHD at 14:00 on 11 January 1974 with peak release of 2,800 m³/s. The event has a volume of around 200,000 ML. It is expected that gates will be closed on Thursday or Friday.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy [regularly](#). The FOC is maintaining close contact with warning agencies and local councils.

The next report will be issued at 06:00 13 January 2011.

Regards

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 18:07
To: [REDACTED]

Subject: Wivenhoe Dam Projected Releases - 1800 at Wednesday 12 January 2011

This is subject to forecast rainfall over the next week. Please advise if there are any issues you wish us to consider?

Wivenhoe Dam Actual and Projected Releases

12/01/2011

Source: Seqwater FOC 18:04

02/01/2011		
09:00:00	50	Actual
02/01/2011		
10:00:00	50	Actual
02/01/2011		
11:00:00	50	Actual
02/01/2011		
12:00:00	50	Actual
02/01/2011		
13:00:00	50	Actual
02/01/2011		
14:00:00	50	Actual
02/01/2011		
15:00:00	50	Actual
02/01/2011		
16:00:00	50	Actual
02/01/2011		
17:00:00	50	Actual
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18:00:00	50	Actual
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19:00:00	50	Actual
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03/01/2011		
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08:00:00	50	Actual
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09:00:00	50	Actual
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10:00:00	50	Actual
03/01/2011		
11:00:00	50	Actual
03/01/2011		

31/03/2011

12:00:00	50	Actual
03/01/2011		
13:00:00	50	Actual
03/01/2011		
14:00:00	50	Actual
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31/03/2011

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06/01/2011

31/03/2011

11:00:00	50	Actual
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12:00:00	50	Actual
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15:00:00	65	Actual
07/01/2011		
16:00:00	117	Actual
07/01/2011		
17:00:00	169	Actual
07/01/2011		
18:00:00	220	Actual
07/01/2011		
19:00:00	270	Actual
07/01/2011		
20:00:00	320	Actual
07/01/2011		
21:00:00	368	Actual
07/01/2011		
22:00:00	421	Actual

31/03/2011

07/01/2011		
23:00:00	475	Actual
08/01/2011		
00:00:00	529	Actual
08/01/2011		
01:00:00	582	Actual
08/01/2011		
02:00:00	636	Actual
08/01/2011		
03:00:00	690	Actual
08/01/2011		
04:00:00	744	Actual
08/01/2011		
05:00:00	798	Actual
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08/01/2011		
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08/01/2011		
09:00:00	1009	Actual
08/01/2011		
10:00:00	1062	Actual
08/01/2011		
11:00:00	1116	Actual
08/01/2011		
12:00:00	1170	Actual
08/01/2011		
13:00:00	1222	Actual
08/01/2011		
14:00:00	1274	Actual
08/01/2011		
15:00:00	1275	Actual
08/01/2011		
16:00:00	1276	Actual
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09/01/2011		
02:00:00	1322	Actual
09/01/2011		
03:00:00	1322	Actual
09/01/2011		
04:00:00	1321	Actual
09/01/2011		
05:00:00	1373	Actual
09/01/2011		
06:00:00	1373	Actual
09/01/2011		
07:00:00	1372	Actual
09/01/2011		
08:00:00	1371	Actual
09/01/2011		
09:00:00	1371	Actual

09/01/2011

31/03/2011

10:00:00	1370	Actual
09/01/2011		
11:00:00	1371	Actual
09/01/2011		
12:00:00	1424	Actual
09/01/2011		
13:00:00	1424	Actual
09/01/2011		
14:00:00	1425	Actual
09/01/2011		
15:00:00	1427	Actual
09/01/2011		
16:00:00	1430	Actual
09/01/2011		
17:00:00	1433	Actual
09/01/2011		
18:00:00	1437	Actual
09/01/2011		
19:00:00	1442	Actual
09/01/2011		
20:00:00	1447	Actual
09/01/2011		
21:00:00	1454	Actual
09/01/2011		
22:00:00	1461	Actual
09/01/2011		
23:00:00	1470	Actual
10/01/2011		
00:00:00	1480	Actual
10/01/2011		
01:00:00	1491	Actual
10/01/2011		
02:00:00	1558	Actual
10/01/2011		
03:00:00	1625	Actual
10/01/2011		
04:00:00	1693	Actual
10/01/2011		
05:00:00	1763	Actual
10/01/2011		
06:00:00	1832	Actual
10/01/2011		
07:00:00	1901	Actual
10/01/2011		
08:00:00	1971	Actual
10/01/2011		
09:00:00	2042	Actual
10/01/2011		
10:00:00	2055	Actual
10/01/2011		
11:00:00	2067	Actual
10/01/2011		
12:00:00	2079	Actual
10/01/2011		
13:00:00	2092	Actual
10/01/2011		
14:00:00	2102	Actual
10/01/2011		
15:00:00	2112	Actual
10/01/2011		
16:00:00	2178	Actual
10/01/2011		
17:00:00	2299	Actual
10/01/2011		
18:00:00	2424	Actual
10/01/2011		
19:00:00	2545	Actual
10/01/2011		
20:00:00	2725	Actual
10/01/2011		
21:00:00	2732	Actual

31/03/2011

10/01/2011		
22:00:00	2739	Actual
10/01/2011		
23:00:00	2745	Actual
11/01/2011		
00:00:00	2751	Actual
11/01/2011		
01:00:00	2757	Actual
11/01/2011		
02:00:00	2762	Actual
11/01/2011		
03:00:00	2766	Actual
11/01/2011		
04:00:00	2770	Actual
11/01/2011		
05:00:00	2775	Actual
11/01/2011		
06:00:00	2781	Actual
11/01/2011		
07:00:00	2786	Actual
11/01/2011		
08:00:00	2792	Actual
11/01/2011		
09:00:00	3017	Actual
11/01/2011		
10:00:00	3369	Actual
11/01/2011		
11:00:00	3548	Actual
11/01/2011		
12:00:00	3671	Actual
11/01/2011		
13:00:00	4250	Actual
11/01/2011		
14:00:00	4547	Actual
11/01/2011		
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17:00:00	6388	Actual
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18:00:00	6723	Actual
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11/01/2011		
21:00:00	7416	Actual
11/01/2011		
22:00:00	7071	Actual
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23:00:00	7071	Actual
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12/01/2011		
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12/01/2011		
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12/01/2011		
08:00:00	2554	Actual

12/01/2011

31/03/2011

09:00:00	2556	Actual
12/01/2011		
10:00:00	2559	Actual
12/01/2011		
11:00:00	2561	Actual
12/01/2011		
12:00:00	2563	Actual
12/01/2011		
13:00:00	2565	Actual
12/01/2011		
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12/01/2011		
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12/01/2011		
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17:00:00	2571	Actual
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13/01/2011		
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13/01/2011		
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13/01/2011		
09:00:00	2745	Projected
13/01/2011		
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13/01/2011		
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13/01/2011		
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31/03/2011

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14/01/2011		
07:00:00	3654	Projected
14/01/2011		
08:00:00	3649	Projected
14/01/2011		
09:00:00	3643	Projected
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14/01/2011		
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14/01/2011		
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17:00:00	3593	Projected
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14/01/2011		
21:00:00	3566	Projected
14/01/2011		
22:00:00	3560	Projected
14/01/2011		
23:00:00	3553	Projected
15/01/2011		
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15/01/2011		
01:00:00	3539	Projected
15/01/2011		
02:00:00	3531	Projected
15/01/2011		
03:00:00	3524	Projected
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04:00:00	3517	Projected
15/01/2011		
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06:00:00	3502	Projected
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07:00:00	3495	Projected

15/01/2011

31/03/2011

08:00:00	3487	Projected
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11:00:00	3464	Projected
15/01/2011		
12:00:00	3456	Projected
15/01/2011		
13:00:00	3448	Projected
15/01/2011		
14:00:00	3441	Projected
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00:00:00	3359	Projected
16/01/2011		
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16/01/2011		
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16/01/2011		
03:00:00	3334	Projected
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16/01/2011		
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16/01/2011		
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16/01/2011		
07:00:00	3300	Projected
16/01/2011		
08:00:00	3291	Projected
16/01/2011		
09:00:00	3283	Projected
16/01/2011		
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16/01/2011		
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16/01/2011		
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14:00:00	3240	Projected
16/01/2011		
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16:00:00	3222	Projected
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16/01/2011		
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16/01/2011		
19:00:00	3195	Projected

31/03/2011

16/01/2011 20:00:00	3187	Projected
16/01/2011 21:00:00	3178	Projected
16/01/2011 22:00:00	3169	Projected
16/01/2011 23:00:00	3160	Projected
17/01/2011 00:00:00	3150	Projected
17/01/2011 01:00:00	3140	Projected
17/01/2011 02:00:00	3130	Projected
17/01/2011 03:00:00	3119	Projected
17/01/2011 04:00:00	3109	Projected
17/01/2011 05:00:00	3098	Projected
17/01/2011 06:00:00	3086	Projected
17/01/2011 07:00:00	3074	Projected
17/01/2011 08:00:00	3062	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 20:15
To: [REDACTED]
Subject: Wivenhoe Dam Projected Releases - 20:00 at Wednesday 12 January 2011

Wivenhoe Dam Actual and Projected Releases

12/01/2011

Source: Seqwater FOC 20:10

02/01/2011		
09:00:00	50	Actual
02/01/2011		
10:00:00	50	Actual
02/01/2011		
11:00:00	50	Actual
02/01/2011		
12:00:00	50	Actual
02/01/2011		
13:00:00	50	Actual
02/01/2011		
14:00:00	50	Actual
02/01/2011		
15:00:00	50	Actual
02/01/2011		
16:00:00	50	Actual
02/01/2011		
17:00:00	50	Actual
02/01/2011		
18:00:00	50	Actual
02/01/2011		
19:00:00	50	Actual
02/01/2011		
20:00:00	50	Actual
02/01/2011		
21:00:00	50	Actual
02/01/2011		
22:00:00	50	Actual
02/01/2011		
23:00:00	50	Actual
03/01/2011		
00:00:00	50	Actual
03/01/2011		
01:00:00	50	Actual
03/01/2011		
02:00:00	50	Actual
03/01/2011		
03:00:00	50	Actual
03/01/2011		
04:00:00	50	Actual
03/01/2011		
05:00:00	50	Actual
03/01/2011		
06:00:00	50	Actual
03/01/2011		
07:00:00	50	Actual
03/01/2011		
08:00:00	50	Actual
03/01/2011		
09:00:00	50	Actual
03/01/2011		
10:00:00	50	Actual
03/01/2011		
11:00:00	50	Actual
03/01/2011		
12:00:00	50	Actual
03/01/2011		

31/03/2011

13:00:00	50	Actual
03/01/2011		
14:00:00	50	Actual
03/01/2011		
15:00:00	50	Actual
03/01/2011		
16:00:00	50	Actual
03/01/2011		
17:00:00	50	Actual
03/01/2011		
18:00:00	50	Actual
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19:00:00	50	Actual
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20:00:00	50	Actual
03/01/2011		
21:00:00	50	Actual
03/01/2011		
22:00:00	50	Actual
03/01/2011		
23:00:00	50	Actual
04/01/2011		
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04/01/2011		
02:00:00	50	Actual
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03:00:00	50	Actual
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06:00:00	50	Actual
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07:00:00	50	Actual
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08:00:00	50	Actual
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09:00:00	50	Actual
04/01/2011		
10:00:00	50	Actual
04/01/2011		
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04/01/2011		
12:00:00	50	Actual
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04/01/2011		
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16:00:00	50	Actual
04/01/2011		
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04/01/2011		
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04/01/2011		
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04/01/2011		
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05/01/2011		
00:00:00	50	Actual

31/03/2011

05/01/2011		
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05/01/2011		
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05/01/2011		
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05/01/2011		
07:00:00	50	Actual
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05/01/2011		
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05/01/2011		
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05/01/2011		
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17:00:00	50	Actual
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05/01/2011		
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05/01/2011		
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05/01/2011		
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05/01/2011		
23:00:00	50	Actual
06/01/2011		
00:00:00	50	Actual
06/01/2011		
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06/01/2011		
02:00:00	50	Actual
06/01/2011		
03:00:00	50	Actual
06/01/2011		
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06/01/2011		
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06/01/2011		
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06/01/2011		
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11:00:00	50	Actual

06/01/2011

31/03/2011

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06/01/2011		
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06/01/2011		
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06/01/2011		
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06/01/2011		
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06/01/2011		
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07/01/2011		
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07/01/2011		
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07/01/2011		
02:00:00	50	Actual
07/01/2011		
03:00:00	50	Actual
07/01/2011		
04:00:00	50	Actual
07/01/2011		
05:00:00	50	Actual
07/01/2011		
06:00:00	50	Actual
07/01/2011		
07:00:00	50	Actual
07/01/2011		
08:00:00	50	Actual
07/01/2011		
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07/01/2011		
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07/01/2011		
11:00:00	50	Actual
07/01/2011		
12:00:00	50	Actual
07/01/2011		
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15:00:00	65	Actual
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16:00:00	117	Actual
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17:00:00	169	Actual
07/01/2011		
18:00:00	220	Actual
07/01/2011		
19:00:00	270	Actual
07/01/2011		
20:00:00	319	Actual
07/01/2011		
21:00:00	367	Actual
07/01/2011		
22:00:00	421	Actual
07/01/2011		
23:00:00	474	Actual

31/03/2011

08/01/2011		
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08/01/2011		
01:00:00	581	Actual
08/01/2011		
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08/01/2011		
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08/01/2011		
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08/01/2011		
05:00:00	796	Actual
08/01/2011		
06:00:00	850	Actual
08/01/2011		
07:00:00	905	Actual
08/01/2011		
08:00:00	953	Actual
08/01/2011		
09:00:00	1006	Actual
08/01/2011		
10:00:00	1059	Actual
08/01/2011		
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08/01/2011		
12:00:00	1167	Actual
08/01/2011		
13:00:00	1219	Actual
08/01/2011		
14:00:00	1271	Actual
08/01/2011		
15:00:00	1272	Actual
08/01/2011		
16:00:00	1272	Actual
08/01/2011		
17:00:00	1273	Actual
08/01/2011		
18:00:00	1273	Actual
08/01/2011		
19:00:00	1273	Actual
08/01/2011		
20:00:00	1273	Actual
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21:00:00	1273	Actual
08/01/2011		
22:00:00	1273	Actual
08/01/2011		
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09/01/2011		
00:00:00	1272	Actual
09/01/2011		
01:00:00	1272	Actual
09/01/2011		
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09/01/2011		
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06:00:00	1368	Actual
09/01/2011		
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09/01/2011		
08:00:00	1367	Actual
09/01/2011		
09:00:00	1366	Actual
09/01/2011		
10:00:00	1366	Actual

09/01/2011

31/03/2011

11:00:00	1366	Actual
09/01/2011		
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09/01/2011		
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17:00:00	1428	Actual
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10/01/2011		
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10/01/2011		
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16:00:00	2165	Actual
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17:00:00	2285	Actual
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18:00:00	2409	Actual
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19:00:00	2529	Actual
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20:00:00	2707	Actual
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21:00:00	2715	Actual
10/01/2011		
22:00:00	2721	Actual

31/03/2011

10/01/2011		
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11/01/2011		
00:00:00	2733	Actual
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11/01/2011		
02:00:00	2743	Actual
11/01/2011		
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11/01/2011		
05:00:00	2756	Actual
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08:00:00	2773	Actual
11/01/2011		
09:00:00	2996	Actual
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12:00:00	3644	Actual
11/01/2011		
13:00:00	4217	Actual
11/01/2011		
14:00:00	4511	Actual
11/01/2011		
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18:00:00	0	Projected
19/01/2011		
19:00:00	0	Projected

31/03/2011

John Ruffini
Duty Engineer
Flood Operations Centre

Phone 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 13 January 2011 05:45
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report 0600 13 January 2011

Rainfall

Rainfall in the last 12 hours is generally below 5mm with isolated falls of up to 15mm in the Stanley, Lockyer and Pine River catchments. There is no significant rain expected in the next 4 days.

Somerset/Wivenhoe

Somerset Dam peaked at 105.11 mAHD at 06:00 on Wednesday 12 January 2011. The current level is 104.34 mAHD. One sluice was opened at 10:30 on 12 January 2011 and the dam is currently discharging 1,130 m³/s. Sluice gates will be utilised to drain of the flood storage compartment during the next 5 days.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m³/s. Wivenhoe Dam was 74.72 m AHD at 06:00 and commence to fall slowly.

The releases from Wivenhoe Dam have been temporarily reduced to 2,500 m³/s at 07:30 on Wednesday 12 January 2011 to allow the peak of Lockyer Creek to enter the Brisbane River. The Brisbane River has peaked at the Port Office Gauge early Thursday morning. Releases from Wivenhoe Dam will be managed to achieve a target flow of around 3,500 m³/s at Moggill. This release will then be maintained to drain the flood storage component within the required 7 days.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

North Pine

At 06:00 North Pine Dam was 39.70 mAHD falling with all gates open 1 increment, releasing about 80 m³/s. North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with peak release of 2,800 m³/s. The event has a volume of around 200,000 ML. It is expected that all gates will be closed on Friday.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and reviewing operating strategy. The FOC will continue to maintain close contact with warning agencies and local councils.

The next report will be issued at 18:00 on Thursday 13 January 2011.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 13 January 2011 06:09
To: [REDACTED]
Subject: Gauge Height Measurement

FYI

John Tibaldi waded into the Botanic Gardens this morning and measured the highest water level reached on the 1974 memorial as 1.4 metres below the top of the mark. This gives a peak of 4.05 m AHD.

All good news!

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 13 January 2011 08:00
To: [REDACTED]
Subject: Brisbane City Staff Gauge Reading

John Ruffini and Rob Ayre have just taken a reading at the staff gauge at Thornton St 4.15m at 07:50 13/1/2011

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 13 January 2011 11:14
To: [REDACTED]

Subject: Comms Restored

Comms has been restored in the FOC

Terry Malone

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system. QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 13 January 2011 14:32
To: [REDACTED]
Subject: Actual and Projected Wivenhoe Releases

Wivenhoe Dam Actual and Projected Releases

13/01/2011

Source: Seqwater FOC 14:31

02/01/2011		
09:00:00	50	Actual
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05:00:00	50	Actual
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06:00:00	50	Actual
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10:00:00	50	Actual
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11:00:00	50	Actual
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12:00:00	50	Actual
07/01/2011		
13:00:00	50	Actual
07/01/2011		
14:00:00	50	Actual
07/01/2011		
15:00:00	65	Actual
07/01/2011		
16:00:00	117	Actual
07/01/2011		
17:00:00	169	Actual
07/01/2011		
18:00:00	220	Actual
07/01/2011		
19:00:00	270	Actual
07/01/2011		
20:00:00	319	Actual
07/01/2011		
21:00:00	367	Actual
07/01/2011		
22:00:00	421	Actual
07/01/2011		
23:00:00	474	Actual

08/01/2011

31/03/2011

00:00:00	528	Actual
08/01/2011		
01:00:00	581	Actual
08/01/2011		
02:00:00	635	Actual
08/01/2011		
03:00:00	689	Actual
08/01/2011		
04:00:00	742	Actual
08/01/2011		
05:00:00	796	Actual
08/01/2011		
06:00:00	850	Actual
08/01/2011		
07:00:00	905	Actual
08/01/2011		
08:00:00	953	Actual
08/01/2011		
09:00:00	1006	Actual
08/01/2011		
10:00:00	1059	Actual
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11:00:00	1113	Actual
08/01/2011		
12:00:00	1167	Actual
08/01/2011		
13:00:00	1219	Actual
08/01/2011		
14:00:00	1271	Actual
08/01/2011		
15:00:00	1272	Actual
08/01/2011		
16:00:00	1272	Actual
08/01/2011		
17:00:00	1273	Actual
08/01/2011		
18:00:00	1273	Actual
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19:00:00	1273	Actual
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20:00:00	1273	Actual
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21:00:00	1273	Actual
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22:00:00	1273	Actual
08/01/2011		
23:00:00	1273	Actual
09/01/2011		
00:00:00	1272	Actual
09/01/2011		
01:00:00	1272	Actual
09/01/2011		
02:00:00	1318	Actual
09/01/2011		
03:00:00	1318	Actual
09/01/2011		
04:00:00	1317	Actual
09/01/2011		
05:00:00	1369	Actual
09/01/2011		
06:00:00	1368	Actual
09/01/2011		
07:00:00	1368	Actual
09/01/2011		
08:00:00	1367	Actual
09/01/2011		
09:00:00	1366	Actual
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10:00:00	1366	Actual
09/01/2011		
11:00:00	1366	Actual

31/03/2011

09/01/2011		
12:00:00	1419	Actual
09/01/2011		
13:00:00	1419	Actual
09/01/2011		
14:00:00	1420	Actual
09/01/2011		
15:00:00	1422	Actual
09/01/2011		
16:00:00	1425	Actual
09/01/2011		
17:00:00	1428	Actual
09/01/2011		
18:00:00	1432	Actual
09/01/2011		
19:00:00	1437	Actual
09/01/2011		
20:00:00	1442	Actual
09/01/2011		
21:00:00	1448	Actual
09/01/2011		
22:00:00	1455	Actual
09/01/2011		
23:00:00	1464	Actual
10/01/2011		
00:00:00	1474	Actual
10/01/2011		
01:00:00	1485	Actual
10/01/2011		
02:00:00	1551	Actual
10/01/2011		
03:00:00	1618	Actual
10/01/2011		
04:00:00	1685	Actual
10/01/2011		
05:00:00	1754	Actual
10/01/2011		
06:00:00	1822	Actual
10/01/2011		
07:00:00	1891	Actual
10/01/2011		
08:00:00	1961	Actual
10/01/2011		
09:00:00	2031	Actual
10/01/2011		
10:00:00	2043	Actual
10/01/2011		
11:00:00	2055	Actual
10/01/2011		
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10/01/2011		
13:00:00	2079	Actual
10/01/2011		
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10/01/2011		
15:00:00	2100	Actual
10/01/2011		
16:00:00	2165	Actual
10/01/2011		
17:00:00	2285	Actual
10/01/2011		
18:00:00	2409	Actual
10/01/2011		
19:00:00	2529	Actual
10/01/2011		
20:00:00	2707	Actual
10/01/2011		
21:00:00	2715	Actual
10/01/2011		
22:00:00	2721	Actual

10/01/2011

31/03/2011

23:00:00	2727	Actual
11/01/2011		
00:00:00	2733	Actual
11/01/2011		
01:00:00	2738	Actual
11/01/2011		
02:00:00	2743	Actual
11/01/2011		
03:00:00	2748	Actual
11/01/2011		
04:00:00	2752	Actual
11/01/2011		
05:00:00	2756	Actual
11/01/2011		
06:00:00	2762	Actual
11/01/2011		
07:00:00	2767	Actual
11/01/2011		
08:00:00	2773	Actual
11/01/2011		
09:00:00	2996	Actual
11/01/2011		
10:00:00	3345	Actual
11/01/2011		
11:00:00	3522	Actual
11/01/2011		
12:00:00	3644	Actual
11/01/2011		
13:00:00	4217	Actual
11/01/2011		
14:00:00	4511	Actual
11/01/2011		
15:00:00	5097	Actual
11/01/2011		
16:00:00	5701	Actual
11/01/2011		
17:00:00	6330	Actual
11/01/2011		
18:00:00	6661	Actual
11/01/2011		
19:00:00	7339	Actual
11/01/2011		
20:00:00	7341	Actual
11/01/2011		
21:00:00	7342	Actual
11/01/2011		
22:00:00	7001	Actual
11/01/2011		
23:00:00	7000	Actual
12/01/2011		
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01:00:00	6033	Actual
12/01/2011		
02:00:00	5427	Actual
12/01/2011		
03:00:00	5427	Actual
12/01/2011		
04:00:00	4842	Actual
12/01/2011		
05:00:00	4269	Actual
12/01/2011		
06:00:00	3699	Actual
12/01/2011		
07:00:00	3123	Actual
12/01/2011		
08:00:00	2531	Actual
12/01/2011		
09:00:00	2534	Actual
12/01/2011		
10:00:00	2537	Actual

31/03/2011

12/01/2011		
11:00:00	2539	Actual
12/01/2011		
12:00:00	2541	Actual
12/01/2011		
13:00:00	2543	Actual
12/01/2011		
14:00:00	2544	Actual
12/01/2011		
15:00:00	2546	Actual
12/01/2011		
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18:00:00	2548	Actual
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20:00:00	2549	Actual
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21:00:00	2549	Actual
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22:00:00	2549	Actual
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23:00:00	2549	Actual
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00:00:00	2549	Actual
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01:00:00	2548	Actual
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05:00:00	2545	Actual
13/01/2011		
06:00:00	2544	Actual
13/01/2011		
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13/01/2011		
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09:00:00	2540	Actual
13/01/2011		
10:00:00	2539	Actual
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12:00:00	2537	Actual
13/01/2011		
13:00:00	2595	Actual
13/01/2011		
14:00:00	2654	Actual
13/01/2011		
15:00:00	2653	Projected
13/01/2011		
16:00:00	2772	Projected
13/01/2011		
17:00:00	2830	Projected
13/01/2011		
18:00:00	2888	Projected
13/01/2011		
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20:00:00	3001	Projected
13/01/2011		
21:00:00	3057	Projected

13/01/2011

31/03/2011

22:00:00	3113	Projected
13/01/2011		
23:00:00	3168	Projected
14/01/2011		
00:00:00	3222	Projected
14/01/2011		
01:00:00	3276	Projected
14/01/2011		
02:00:00	3330	Projected
14/01/2011		
03:00:00	3383	Projected
14/01/2011		
04:00:00	3435	Projected
14/01/2011		
05:00:00	3487	Projected
14/01/2011		
06:00:00	3539	Projected
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07:00:00	3590	Projected
14/01/2011		
08:00:00	3641	Projected
14/01/2011		
09:00:00	3634	Projected
14/01/2011		
10:00:00	3628	Projected
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11:00:00	3622	Projected
14/01/2011		
12:00:00	3615	Projected
14/01/2011		
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14/01/2011		
14:00:00	3602	Projected
14/01/2011		
15:00:00	3596	Projected
14/01/2011		
16:00:00	3589	Projected
14/01/2011		
17:00:00	3582	Projected
14/01/2011		
18:00:00	3575	Projected
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19:00:00	3568	Projected
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20:00:00	3561	Projected
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21:00:00	3554	Projected
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23:00:00	3540	Projected
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01:00:00	3525	Projected
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02:00:00	3518	Projected
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03:00:00	3510	Projected
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04:00:00	3502	Projected
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05:00:00	3495	Projected
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07:00:00	3480	Projected
15/01/2011		
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15/01/2011		
09:00:00	3464	Projected

31/03/2011

15/01/2011		
10:00:00	3456	Projected
15/01/2011		
11:00:00	3448	Projected
15/01/2011		
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15/01/2011		
13:00:00	3432	Projected
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16:00:00	3408	Projected
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16/01/2011		
01:00:00	3333	Projected
16/01/2011		
02:00:00	3325	Projected
16/01/2011		
03:00:00	3316	Projected
16/01/2011		
04:00:00	3308	Projected
16/01/2011		
05:00:00	3299	Projected
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07:00:00	3282	Projected
16/01/2011		
08:00:00	3273	Projected
16/01/2011		
09:00:00	3264	Projected
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16/01/2011		
11:00:00	3245	Projected
16/01/2011		
12:00:00	3236	Projected
16/01/2011		
13:00:00	3226	Projected
16/01/2011		
14:00:00	3216	Projected
16/01/2011		
15:00:00	3205	Projected
16/01/2011		
16:00:00	3195	Projected
16/01/2011		
17:00:00	3185	Projected
16/01/2011		
18:00:00	3173	Projected
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19:00:00	3162	Projected
16/01/2011		
20:00:00	3151	Projected

16/01/2011

31/03/2011

21:00:00	3139	Projected
16/01/2011		
22:00:00	3128	Projected
16/01/2011		
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17/01/2011		
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17/01/2011		
01:00:00	3093	Projected
17/01/2011		
02:00:00	3081	Projected
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03:00:00	3070	Projected
17/01/2011		
04:00:00	3057	Projected
17/01/2011		
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07:00:00	3019	Projected
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17/01/2011		
10:00:00	2980	Projected
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12:00:00	2954	Projected
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13:00:00	2940	Projected
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14:00:00	2927	Projected
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16:00:00	2857	Projected
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18:00:00	2662	Projected
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17/01/2011		
21:00:00	2330	Projected
17/01/2011		
22:00:00	2234	Projected
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23:00:00	2182	Projected
18/01/2011		
00:00:00	2085	Projected
18/01/2011		
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18/01/2011		
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18/01/2011		
03:00:00	1887	Projected
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06:00:00	1694	Projected
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07:00:00	1642	Projected
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08:00:00	1591	Projected

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18/01/2011		
09:00:00	1497	Projected
18/01/2011		
10:00:00	1447	Projected
18/01/2011		
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12:00:00	1300	Projected
18/01/2011		
13:00:00	1249	Projected
18/01/2011		
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18/01/2011		
15:00:00	1108	Projected
18/01/2011		
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18/01/2011		
17:00:00	1008	Projected
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18/01/2011		
19:00:00	862	Projected
18/01/2011		
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22:00:00	664	Projected
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23:00:00	614	Projected
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00:00:00	516	Projected
19/01/2011		
01:00:00	467	Projected
19/01/2011		
02:00:00	424	Projected
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03:00:00	326	Projected
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04:00:00	283	Projected
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13:00:00	0	Projected
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14:00:00	0	Projected
19/01/2011		
15:00:00	0	Projected
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16:00:00	0	Projected
19/01/2011		
17:00:00	0	Projected
19/01/2011		
18:00:00	0	Projected
19/01/2011		
19:00:00	0	Projected

31/03/2011

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Thursday, 13 January 2011 18:43
To: [REDACTED]

Subject: Situation Report 1830 13 January 2011

Rainfall

There has been no significant rainfall in the last 12 hours and none is expected for the next 5 days.

Somerset/Wivenhoe

Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011. The current level is 103.60 mAHD and falling. Four sluices are open and the dam is currently discharging 1,528 m3/s.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m3/s. Wivenhoe Dam was 74.5 mAHD at 18:00 and continuing to fall slowly.

The releases from Wivenhoe Dam are currently 2,888 m3/s and are being managed to achieve a target flow of around 3,500 m3/s at Moggill. This release will then be maintained to drain the flood storage component within the required 7 days.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

North Pine

At 18:00 North Pine Dam was 39.60 mAHD and falling with 5 gates open, releasing about 151 m3/s. North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m3/s. The flood event volume is estimated to be around 200,000 ML.

All gates will be closed at 05:00 Friday to enable MMRC to consider reopening Youngs Crossing.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and reviewing operating strategy. The FOC will continue to maintain close contact with warning agencies and local councils.

The next report will be issued at 06:00 on Friday 14 January 2011.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Thursday, 13 January 2011 20:22

To: [REDACTED]

Subject: Wivenhoe Dam Directive # 38 for Wivenhoe Dam at 20:15 on Thursday 13 January 2011

Attachments: OPS_Directive_Wivenhoe #38.doc

Please find attached a copy of Directive #38 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Thursday, 13 January 2011 20:32

To: [REDACTED]

Subject: Somerset Dam Directive # 11 at 20:30 on 13 January 2011

Attachments: OPS_Directive_Somerset #11.doc

Please find attached a copy of Directive # 11 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 14 January 2011 02:04
To: [REDACTED]
Subject: North Pine Dam Directive # 30 at 02:00 on Friday 14 January 2011
Attachments: OPS_Directive_NorthPine #30.doc

Please find attached Directive # 30 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 14 January 2011 05:35
To: [REDACTED]

Subject: FOC Situation Report at 06:00 on Friday 14 January 2011

Rainfall

There has been no significant rainfall in the last 12 hours and falls of only 5mm is expected in the next twenty-four hours. Mostly fine conditions are expected over the weekend, but showers will return early next week.

Somerset/Wivenhoe

Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011. The current level is 102.87 mAHD and falling. Four sluices are open and the dam is currently discharging about 1,300 m3/s.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m3/s. At 05:00 Wivenhoe Dam was 74.74.08 mAHD and continuing to fall.

The releases from Wivenhoe Dam are currently about 3,500 m3/s and are being managed to achieve a target flow of around 3,500 m3/s at Moggill. This release will then be maintained to drain the flood storage component by Wednesday.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

North Pine

At 05:00 North Pine Dam was 39.40 mAHD and gate operations have ceased. The current level is expected to increase to just over 39.5 mAHD in the next few days due to base-flow. This could be higher if further rainfall occurs. Fish recovery has commenced and MBRC have been advised that the gates have been closed. MBRC will inspect Youngs Crossing to determine if the crossing can be re-opened.

North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m3/s. The flood event volume is estimated to be around 200,000 ML.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments. The FOC will continue to maintain close contact with warning agencies and local councils.

The next report will be issued at 18:00 on Friday 14 January 2011.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 14 January 2011 05:45
To: [REDACTED]

Subject: FOC Situation Report at 06:00 on Friday 14 January 2011

Rainfall

There has been no significant rainfall in the last 12 hours and falls of only 5mm is expected in the next twenty-four hours. Mostly fine conditions are expected over the weekend, but showers will return early next week.

Somerset/Wivenhoe

Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011. The current level is 102.87 mAHD and falling. Four sluices are open and the dam is currently discharging about 1,300 m3/s.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m3/s. At 05:00 Wivenhoe Dam was 74.08 mAHD and continuing to fall.

The releases from Wivenhoe Dam are currently about 3,500 m3/s and are being managed to achieve a target flow of around 3,500 m3/s at Moggill. This release will then be maintained to drain the flood storage component by Wednesday.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

North Pine

At 05:00 North Pine Dam was 39.40 mAHD and gate operations have ceased. The current level is expected to increase to just over 39.5 mAHD in the next few days due to base-flow. This could be higher if further rainfall occurs. Fish recovery has commenced and MBRC have been advised that the gates have been closed. MBRC will inspect Youngs Crossing to determine if the crossing can be re-opened.

North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m3/s. The flood event volume is estimated to be around 200,000 ML.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments. The FOC will continue to maintain close contact with warning agencies and local councils.

The next report will be issued at 18:00 on Friday 14 January 2011.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 14 January 2011 19:29
To: [REDACTED]

Subject: Wivenhoe Dam Directive # 39

Please find attached a copy of Directive #39.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Friday, 14 January 2011 20:17
To: [REDACTED]

Subject: Wivenhoe Dam Directive # 39
Attachments: OPS_Directive_Wivenhoe #39.doc

Please find attached a copy of Directive #39.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 15 January 2011 02:06
To: [REDACTED]
Subject: Wivenhoe Dam Directive #40
Attachments: OPS_Directive_Wivenhoe #40.doc

Please find attached a copy of Directive # [40](#).

[John Tibaldi](#)
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 15 January 2011 06:36
To: [REDACTED]

Subject: Situation Report 0630 Saturday 15 January 2011

Rainfall

There has been no significant rainfall in the last 24 hours and no significant rainfall is expected in the next twenty-four hours. Mostly fine conditions are expected over the weekend, but showers will return early next week.

Somerset/Wivenhoe

At 06:00 Somerset Dam was 101.35 mAHD and falling. Four sluices are open and the dam is currently discharging about 920 m³/s. Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011.

At 05:00 Wivenhoe Dam was 72.86 mAHD and continuing to fall. The releases from Wivenhoe Dam are currently about 3,500 m³/s and are being managed to achieve a target flow of around 3,500 m³/s at Moggill. This release level is being maintained to drain the flood storage component by Wednesday.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m³/s.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

North Pine

At 05:00 North Pine Dam was 39.40 mAHD and gate operations have ceased. This level is expected to increase to just over 39.5 mAHD in the next few days due to base-flow. This could be higher if further rainfall occurs.

North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m³/s. The flood event volume is estimated to be around 200,000 ML.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and is maintaining close contact with warning agencies and local councils.

The next report will be issued at 18:00 on Saturday 15 January 2011.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Saturday, 15 January 2011 10:02
To: [REDACTED]
Subject: Brisbane R model

Any chance of pushing last Brisbane R model run to web-I'd like to compare flood vols. I will discuss prior to comment.

Terry

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 16 January 2011 06:09
To: [REDACTED]

Subject: Situation Report 0600 Sunday 16 January 2011

Rainfall

There has been no significant rainfall in the last 24 hours and no significant rainfall is expected in the next twenty-four hours. Mostly fine conditions are expected over the weekend, but showers will return early next week.

Somerset/Wivenhoe

At 06:00 Somerset Dam was 100.01 mAHD and falling. Four sluices are open and the dam is currently discharging about 820 m3/s. Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011.

At 06:00 Wivenhoe Dam was 71.3 mAHD and continuing to fall. The releases from Wivenhoe Dam are currently about 3,477 m3/s and are being managed to achieve a target flow of around 3,500 m3/s at Moggill. This release level is being maintained to drain the flood storage component by Wednesday.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m3/s.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

North Pine

At 06:00 North Pine Dam was 39.46 mAHD. All gates are closed. The lake level is expected to increase to just over 39.5 mAHD in the next few days due to base-flow. This could be higher if further rainfall occurs.

North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m3/s. The flood event volume is estimated to be around 200,000 ML.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and is maintaining close contact with warning agencies and local councils.

The next report will be issued at 18:00 on Sunday 16 January 2011.

John Ruffini
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 16 January 2011 06:51
To: [REDACTED]
Cc: [REDACTED]
Subject: Message from the Senior Flood Operations Engineer

You, more than most, know the magnitude and severity of this current event. Our current preliminary assessment suggests that the rainfall totals and runoff volumes make this event larger than the January 1974 flood for the dams. It also approaches the magnitude of the 1893 event.

Certain elements of the media have made assertions about the adopted operational strategy which was used to manage it. It is unfortunate that these reports have removed the focus from the recovery effort.

I can assure you that the adopted strategy was performed in accordance with the Manuals of Operational Procedures and that the affected communities were afforded the highest level of protection available under the circumstances. The magnitude of the event meant that the security of the dams had to be considered in selecting the releases that were required.

You should all be proud of your efforts to date.

I also wish to remind you that we are still operational and will be until at least Wednesday. So let's finish the job in the same way we started.

Thanks and Regards

Rob Ayre, John Ruffini, John Tibaldi, and Terry Malone

Duty Engineers
Flood Operations Centre

Phone [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Sunday, 16 January 2011 08:37

To: [REDACTED]

Subject: Wivenhoe Dam Directive # 45 at 08:30 on Sunday 16 January 2011

Attachments: OPS_Directive_Wivenhoe #45.doc

Please find attached Directive # 45 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Sunday, 16 January 2011 12:16
To: [REDACTED]
Subject: Wivenhoe Dam Directive #46 at 12:15 on Sunday 16 January 2011
Attachments: OPS_Directive_Wivenhoe #46.doc

Please find attached a copy of Directive #46 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Sunday, 16 January 2011 15:18

To: [REDACTED]

Subject: Wivenhoe Dam Directive # 47 at 15:15 on Sunday 16 January 2011

Attachments: OPS_Directive_Wivenhoe #47.doc

Please find attached a copy of Directive # 47 for your action

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Sunday, 16 January 2011 18:45

To: [REDACTED]

Subject: Wivenhoe Dam Directive # 48 at 18:45 on Sunday 16 January 2011

Attachments: OPS_Directive_Wivenhoe #48.doc

Please find attached Directive # 48 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Monday, 17 January 2011 16:56
To: [REDACTED]

Subject: Situation Report 1700 Monday 16 January 2011

Rainfall

There has been no significant rainfall in the last 24 hours and no significant rainfall is expected in the next twenty-four hours. Mostly fine conditions are expected over the weekend, but showers will return early next week.

Somerset/Wivenhoe

At 16:00 Somerset Dam was 99.02 mAHD and steady. The last sluice gate was closed at 7:00 17/01/2011 and one regulator was opened the base-flow into the Dam. Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011.

At 16:00 Wivenhoe Dam was 68.66 mAHD and continuing to fall. The releases from Wivenhoe Dam are currently about 2946 m3/s. Releases will be steadily reduced before final closure on Thursday morning. The Dam will be near full supply and releases will be made through the regulator to account for ongoing base-flow.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m3/s.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

It should be noted that the automatic recorder currently being reported on the BoM website is currently incorrect and has been since early Tuesday 11 2011.

North Pine

At 09:00 North Pine Dam was 39.5 mAHD. All gates are closed. No further gate operations are expected unless additional rainfall falls.

North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m3/s. The flood event volume is estimated to be around 200,000 ML.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and is maintaining close contact with warning agencies and local councils. Councils have been informed of the current release strategy. The bridges below Wivenhoe Dam will progressively come out of water over the next few days.

John Ruffini
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

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31/03/2011

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 18 January 2011 06:17
To: [REDACTED]

Subject: Situation Report 0615 Tuesday 18 January 2011

Rainfall

There has been no significant rainfall in the last 24 hours and no significant rainfall is expected in the next twenty-four hours. Mostly fine conditions are expected over the weekend, but showers will return early next week.

Somerset/Wivenhoe

At 16:00 Monday Somerset Dam was 99.02 mAHD and steady. The last sluice gate was closed at 07:00 17/01/2011 and one regulator remains open managing the base-flow into the Dam. Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011.

At 06:00 Tuesday Wivenhoe Dam was 67.82 mAHD and continuing to fall slowly. Releases were held constant overnight at about 2,050 m³/s to assist water supply pumping at Lowood. Following discussions with water supply operators, it has been decided to resume closing gates at 09:00 Tuesday before final closure on Thursday morning. The Dam will be near full supply and releases will be made through the regulator to account for ongoing base-flow.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m³/s.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

It should be noted that the Seqwater water level gauge currently being reported on the BoM website is currently slightly under reading by about 50mm.

North Pine

At 09:00 North Pine Dam was 39.5 mAHD. All gates are closed. No further gate operations are expected unless additional rainfall falls.

North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m³/s. The flood event volume is estimated to be around 200,000 ML.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and is maintaining close contact with warning agencies and local councils. Councils have been informed of the current release strategy.

At 05:00, the Wivenhoe Dam operator reported that the Fernvale Bridge was out of water but water remained over the approaches from Fernvale. He also advised that there were power lines on the bridge and that Energex was advised.

The remaining bridges below Wivenhoe Dam will progressively come out of water over the next few days.

Terry Malone
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

31/03/2011

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Tuesday, 18 January 2011 08:20

To: [REDACTED]

Subject: Wivenhoe Dam Directive # 55 at 8:30 on Tuesday 18 January 2011

Attachments: OPS_Directive_Wivenhoe #55.doc

Please find attached Directive # 55 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]

Sent: Tuesday, 18 January 2011 12:07

To: [REDACTED]

Subject: Wivenhoe Directive #56 at 12:15 on Tuesday 18 January 2011

Attachments: OPS_Directive_Wivenhoe #56.doc

Please find attached a copy of Directive #56 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 18 January 2011 13:29
To: [REDACTED]

Subject: Actual and predicted Release - Wivenhoe Dam at 13:00 on Tuesday 18 January 2011

Wivenhoe Dam Actual and Projected Releases

18/01/2011

Source: Seqwater FOC 13:28

02/01/2011		
09:00:00	50	Actual
02/01/2011		
10:00:00	50	Actual
02/01/2011		
11:00:00	50	Actual
02/01/2011		
12:00:00	50	Actual
02/01/2011		
13:00:00	50	Actual
02/01/2011		
14:00:00	50	Actual
02/01/2011		
15:00:00	50	Actual
02/01/2011		
16:00:00	50	Actual
02/01/2011		
17:00:00	50	Actual
02/01/2011		
18:00:00	50	Actual
02/01/2011		
19:00:00	50	Actual
02/01/2011		
20:00:00	50	Actual
02/01/2011		
21:00:00	50	Actual
02/01/2011		
22:00:00	50	Actual
02/01/2011		
23:00:00	50	Actual
03/01/2011		
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06:00:00	50	Actual
03/01/2011		
07:00:00	50	Actual
03/01/2011		
08:00:00	50	Actual
03/01/2011		
09:00:00	50	Actual
03/01/2011		
10:00:00	50	Actual
03/01/2011		
11:00:00	50	Actual
03/01/2011		
12:00:00	50	Actual
03/01/2011		

31/03/2011

13:00:00	50	Actual
03/01/2011		
14:00:00	50	Actual
03/01/2011		
15:00:00	50	Actual
03/01/2011		
16:00:00	50	Actual
03/01/2011		
17:00:00	50	Actual
03/01/2011		
18:00:00	50	Actual
03/01/2011		
19:00:00	50	Actual
03/01/2011		
20:00:00	50	Actual
03/01/2011		
21:00:00	50	Actual
03/01/2011		
22:00:00	50	Actual
03/01/2011		
23:00:00	50	Actual
04/01/2011		
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07:00:00	50	Actual
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08:00:00	50	Actual
04/01/2011		
09:00:00	50	Actual
04/01/2011		
10:00:00	50	Actual
04/01/2011		
11:00:00	50	Actual
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15:00:00	50	Actual
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16:00:00	50	Actual
04/01/2011		
17:00:00	50	Actual
04/01/2011		
18:00:00	50	Actual
04/01/2011		
19:00:00	50	Actual
04/01/2011		
20:00:00	50	Actual
04/01/2011		
21:00:00	50	Actual
04/01/2011		
22:00:00	50	Actual
04/01/2011		
23:00:00	50	Actual
05/01/2011		
00:00:00	50	Actual

31/03/2011

05/01/2011		
01:00:00	50	Actual
05/01/2011		
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12:00:00	50	Actual
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13:00:00	50	Actual
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14:00:00	50	Actual
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17:00:00	169	Actual
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19:00:00	270	Actual
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31/03/2011

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12:00:00	1167	Actual
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14:00:00	1271	Actual
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01:00:00	1272	Actual
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09/01/2011		
06:00:00	1369	Actual
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07:00:00	1368	Actual
09/01/2011		
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31/03/2011

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13:00:00	1420	Actual
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15:00:00	1422	Actual
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16:00:00	1425	Actual
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17:00:00	1429	Actual
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18:00:00	1433	Actual
09/01/2011		
19:00:00	1437	Actual
09/01/2011		
20:00:00	1442	Actual
09/01/2011		
21:00:00	1449	Actual
09/01/2011		
22:00:00	1456	Actual
09/01/2011		
23:00:00	1464	Actual
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00:00:00	1474	Actual
10/01/2011		
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02:00:00	1551	Actual
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03:00:00	1619	Actual
10/01/2011		
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05:00:00	1755	Actual
10/01/2011		
06:00:00	1823	Actual
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07:00:00	1892	Actual
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08:00:00	1962	Actual
10/01/2011		
09:00:00	2032	Actual
10/01/2011		
10:00:00	2045	Actual
10/01/2011		
11:00:00	2057	Actual
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12:00:00	2069	Actual
10/01/2011		
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10/01/2011		
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10/01/2011		
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10/01/2011		
17:00:00	2287	Actual
10/01/2011		
18:00:00	2411	Actual
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19:00:00	2531	Actual
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20:00:00	2710	Actual
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21:00:00	2718	Actual
10/01/2011		
22:00:00	2724	Actual

31/03/2011

10/01/2011		
23:00:00	2731	Actual
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03:00:00	2751	Actual
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11/01/2011		
05:00:00	2760	Actual
11/01/2011		
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11/01/2011		
07:00:00	2771	Actual
11/01/2011		
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11/01/2011		
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11/01/2011		
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01:00:00	6047	Actual
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03:00:00	5440	Actual
12/01/2011		
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05:00:00	4279	Actual
12/01/2011		
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12/01/2011		
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12/01/2011		
09:00:00	2540	Actual

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31/03/2011

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12/01/2011		
11:00:00	2545	Actual
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12:00:00	2547	Actual
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13:00:00	2549	Actual
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14:00:00	2551	Actual
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16:00:00	2553	Actual
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17:00:00	2554	Actual
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04:00:00	2554	Actual
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07:00:00	2551	Actual
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08:00:00	2550	Actual
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12:00:00	2545	Actual
13/01/2011		
13:00:00	2604	Actual
13/01/2011		
14:00:00	2663	Actual
13/01/2011		
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13/01/2011		
16:00:00	2782	Actual
13/01/2011		
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13/01/2011		
18:00:00	2898	Actual
13/01/2011		
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13/01/2011		
20:00:00	3129	Actual
13/01/2011		
21:00:00	3242	Actual

31/03/2011

13/01/2011		
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13/01/2011		
23:00:00	3351	Actual
14/01/2011		
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14/01/2011		
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14/01/2011		
04:00:00	3559	Actual
14/01/2011		
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14/01/2011		
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08:00:00	3538	Actual
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13:00:00	3510	Actual
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16:00:00	3492	Actual
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17:00:00	3486	Actual
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14/01/2011		
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14/01/2011		
22:00:00	3509	Actual
14/01/2011		
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03:00:00	3529	Actual
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05:00:00	3514	Actual
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15/01/2011		
08:00:00	3491	Actual

15/01/2011

31/03/2011

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15/01/2011		
12:00:00	3513	Actual
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13:00:00	3505	Actual
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15:00:00	3488	Actual
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17:00:00	3523	Actual
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16/01/2011		
08:00:00	3484	Actual
16/01/2011		
09:00:00	3524	Actual
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11:00:00	3502	Actual
16/01/2011		
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16/01/2011		
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16/01/2011		
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16/01/2011		
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16/01/2011		
16:00:00	3539	Actual
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17:00:00	3527	Actual
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18:00:00	3514	Actual
16/01/2011		
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16/01/2011		
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31/03/2011

16/01/2011		
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16/01/2011		
22:00:00	3510	Actual
16/01/2011		
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17/01/2011		
00:00:00	3436	Actual
17/01/2011		
01:00:00	3422	Actual
17/01/2011		
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05:00:00	3365	Actual
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18/01/2011		
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18/01/2011		
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18/01/2011		
07:00:00	2036	Actual

18/01/2011

31/03/2011

08:00:00	2028	Actual
18/01/2011		
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18/01/2011		
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18/01/2011		
12:00:00	1659	Actual
18/01/2011		
13:00:00	1564	Actual
18/01/2011		
14:00:00	1471	Projected
18/01/2011		
15:00:00	1377	Projected
18/01/2011		
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18/01/2011		
17:00:00	1278	Projected
18/01/2011		
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18/01/2011		
19:00:00	1225	Projected
18/01/2011		
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18/01/2011		
21:00:00	1172	Projected
18/01/2011		
22:00:00	1129	Projected
18/01/2011		
23:00:00	1081	Projected
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00:00:00	1079	Projected
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01:00:00	1032	Projected
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02:00:00	982	Projected
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03:00:00	981	Projected
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04:00:00	931	Projected
19/01/2011		
05:00:00	884	Projected
19/01/2011		
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19/01/2011		
08:00:00	786	Projected
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09:00:00	785	Projected
19/01/2011		
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19/01/2011		
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19/01/2011		
14:00:00	592	Projected
19/01/2011		
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19/01/2011		
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19/01/2011		
17:00:00	496	Projected
19/01/2011		
18:00:00	495	Projected
19/01/2011		
19:00:00	448	Projected

31/03/2011

19/01/2011		
20:00:00	407	Projected
19/01/2011		
21:00:00	407	Projected
19/01/2011		
22:00:00	360	Projected
19/01/2011		
23:00:00	313	Projected
20/01/2011		
00:00:00	312	Projected
20/01/2011		
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20/01/2011		
02:00:00	228	Projected
20/01/2011		
03:00:00	228	Projected
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04:00:00	184	Projected
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05:00:00	139	Projected
20/01/2011		
06:00:00	139	Projected
20/01/2011		
07:00:00	93	Projected
20/01/2011		
08:00:00	47	Projected
20/01/2011		
09:00:00	47	Projected

Duty Engineer
Flood Operations Centre

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 18 January 2011 15:03
To: [REDACTED]

Subject: Wivenhoe Dam Directive #57 at 15:15 on Tuesday 18 January 2011

Please find attached a copy of Directive # 57 for your action.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 18 January 2011 17:40
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 18:00 on Tuesday 18 January 2011

Rainfall

Severe thunderstorms are passing over Wivenhoe, Somerset and North Pine Dams this afternoon. To 17:00 falls of 20 to 30 mm were recorded at isolated locations including Mt Pechey and Kluvers Lookout.

A severe thunderstorm warning remains in place for the Stanley River Valley near Kilcoy.

Somerset/Wivenhoe

At 16:00 Tuesday Somerset Dam was 98.95 mAHD and steady. The last sluice gate was closed at 07:00 17/01/2011 and one regulator remains open managing the base-flow into the Dam. Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011.

At 16:00 Tuesday Wivenhoe Dam was 66.31 mAHD and continuing to fall slowly. Releases were held constant since 15:00 at about 1,450 m3/s to assist water supply pumping at Lowood. The shutdown sequence is scheduled to re-commence at 03:00 on Wednesday 19 January 2011 morning before final closure on Thursday morning. The Dam will be lowered to 66.5 mAHD (95% capacity) and releases will be made through the regulator to account for ongoing base-flow.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m3/s.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

It should be noted that the Seqwater water level gauge currently being reported on the BoM website is currently slightly under reading by about 50mm.

North Pine

At 09:00 North Pine Dam was 39.56 mAHD and rising slowly. All gates are closed. No further gate operations are expected unless additional rainfall falls. This situation will be closely monitored whilst storms remain in the vicinity.

North Pine peaked at 41.11 mAHD at 14:00 on Tuesday 11 January 2011 with a peak release of 2,800 m3/s. The flood event volume is estimated to be around 200,000 ML.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and is maintaining close contact with warning agencies and local councils. Councils have been informed of the current release strategy.

The remaining bridges below Wivenhoe Dam will progressively come out of water over the next few days.

Regards

Rob Ayre

Duty Engineer
Flood Operations Centre

31/03/2011

Phone

Fax:

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 18 January 2011 20:42
To: [REDACTED]

Subject: Wivenhoe Dam Directive #58

Attachments: OPS_Directive_Wivenhoe #58.doc

Please find attached a copy of Directive # 58 for your action.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 18 January 2011 21:38
To: [REDACTED]
Subject: Wivenhoe Dam Directive #59
Attachments: OPS_Directive_Wivenhoe #59.doc

Please find attached a copy of Directive # [59](#) for your action.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Tuesday, 18 January 2011 22:42
To: [REDACTED]
Subject: Wivenhoe Dam Directive #60
Attachments: OPS_Directive_Wivenhoe #60.doc

Please find attached a copy of Directive # [60](#) for your action.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 19 January 2011 05:28
To: [REDACTED]

Cc: [REDACTED]

Subject: FOC Situation Report at 06:00 on Wednesday 19 January 2011

Rainfall

Severe thunderstorms passed over the Wivenhoe, Somerset and North Pine dam catchments yesterday afternoon and evening. Falls of 20mm to 30mm were recorded at isolated locations.

North Pine

A decision was made at 1900 yesterday to drain the dam down to 39.40m AHD overnight to cater for the inflow resulting from yesterday's storms and ensure that Youngs Crossing remains open during the day today. All gates were closed at 0500 today and a fish recovery operation also commenced at this time. Youngs Crossing will be reopened by the MBRC at around 0700. The dam level will rise slowly during the day and further releases may be required again tonight with more rainfall forecast. The current lake level is 39.42m AHD.

Somerset Dam

All regulators were closed at 2000 yesterday. The dam level is currently 98.95m AHD and rising slowly. Further regulator releases will take place today and again over the next few days to maintain the dam at the full supply level. Somerset Dam peaked at 105.11 mAHD at 18:00 on Wednesday 12 January 2011; all sluice gates were closed on Monday 17 January 2011.

Wivenhoe Dam

The Lowood temporary pump station was relocated at 2100 yesterday. This relocation removed the need to continue high flow releases from the dam to ensure treated water supplies to Lowood are maintained. Discussions with BCC last night also concluded that tidal variations are primarily back to normal patterns and having a greater impact on the foundation conditions of Coronation Drive than the tapering of releases from the dam. Accordingly the radial gate close down sequence recommenced at 21:45 last night and all gates will be closed by 1600 today. The dam level when the last gate is closed will be around 66.90m AHD and a fish recovery operation will continue through most of the day during the close down sequence. Releases will continue through the regulator cone valve and possibly the Mini-Hydro (depending on when it can be re-started) to account for ongoing base-flow once all radial gates are closed.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m³/s. The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres. It should be noted that the Seqwater water level gauge currently being reported on the BoM website is currently slightly under reading by about 50mm.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and is maintaining close contact with warning agencies and local councils. Councils have been informed of the current release strategy. A summary of the bridge status along the Brisbane River between Wivenhoe Dam and Moggill is as follows, with the exact timing of water coming clear of bridges depending on how the radial gate close down sequence progresses during the day:

- Water is clear of Fernvale Bridge and Mt Crosby Weir Bridge.
- Water should be clear of Burtons Bridge, Kholo Bridge and Savages Crossing tonight.
- Water should be clear of Colleges Crossing tomorrow.

31/03/2011

- It is not yet certain when water will be clear of Twin Bridges as this will depend on base flow draining requirements and a decision will be made on this later today. The earliest that Twin Bridges would be clear of water is late this afternoon.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 19 January 2011 05:29
To: [REDACTED]
Subject: Wivenhoe Dam Directive #61
Attachments: OPS_Directive_Wivenhoe #61.doc

Please find attached a copy of Directive # 61 for your action.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone: [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 19 January 2011 13:45
To: [REDACTED]

Subject: Situation Report 1345 Wednesday 2011

Rainfall

No significant rainfall has been recorded in Wivenhoe, Somerset and North Pine dam catchments since 0900 Thursday. The forecast rainfall indicates that falls between 15 to 25mm with isolated heavier falls to 50mm are expected in the next 24 hours.

North Pine

A decision was made at 1900 Wednesday to drain the dam down to 39.40m AHD overnight to cater for the inflow resulting from Wednesday's storms and ensure that Youngs Crossing remains open during the day Thursday. All gates were closed at 0500 Thursday and a fish recovery operation also commenced at this time. Youngs Crossing was expected to be reopened by the MBRC at around 0700. The dam level will rise slowly during the day and further releases may be required again tonight with more rainfall forecast. The lake level was 39.43m AHD at 0700.

Somerset Dam

All regulators were closed at 2000 Wednesday. The dam level was 99.00 m AHD at 0700 Thursday and rising slowly. Further regulator releases may take place over the next few days to maintain the dam at the full supply level. Somerset Dam peaked at 105.11 mAHd at 18:00 on Wednesday 12 January 2011; all sluice gates were closed on Monday 17 January 2011.

Wivenhoe Dam

All gates were closed at Wivenhoe at 1200 Thursday, with the dam level at 66.89m AHD at 1300. Following fish recovery and inspections, minor ongoing releases will be made for through the centre gate to account for ongoing small inflows. It is intended to drain down to 95%, approximately 66.5 m AHD.

Wivenhoe Dam peaked at 74.97 mAHd at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m³/s. The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

Strategy

A summary of the bridge status along the Brisbane River between Wivenhoe Dam and Moggill is as follows, with the exact timing of water coming clear of bridges depending on how the radial gate close down sequence progresses during the day:

- Water is clear of Fernvale Bridge and Mt Crosby Weir Bridge.
- Water should be clear of Burtons Bridge, Kholo Bridge and Savages Crossing tonight.
- Water should be clear of Colleges Crossing tomorrow.
- It is not yet certain when water will be clear of Twin Bridges as this will depend on base flow draining requirements and a decision will be made on this later Thursday.

The Flood Operations Centre is now closed and control of the dams has reverted to normal Seqwater operations. However, the FOC will continue to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments.

Terry Malone
 Duty Engineer
 Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

31/03/2011

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Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 19 January 2011 13:51
To: [REDACTED]

Subject: Recall: Situation Report 1345 Wednesday 2011

Duty Engineer would like to recall the message, "Situation Report 1345 Wednesday 2011".

Jeff Perkins

From: Duty Engineer [REDACTED]
Sent: Wednesday, 19 January 2011 13:57
To: [REDACTED]

Subject: Situation Report 1400 Wednesday 19 January 2011

Rainfall

No significant rainfall has been recorded in Wivenhoe, Somerset and North Pine dam catchments since 0900 Wednesday. The forecast rainfall indicates that falls between 15 to 25mm with isolated heavier falls to 50mm are expected in the next 24 hours.

North Pine

A decision was made at 1900 Tuesday to drain the dam down to 39.40m AHD overnight to cater for the inflow resulting from Tuesday's storms and ensure that Youngs Crossing remains open during the day Wednesday. All gates were closed at 0500 Wednesday and a fish recovery operation also commenced at this time. Youngs Crossing was expected to be reopened by the MBRC at around 0700. The dam level will rise slowly during the day and further releases may be required again tonight with more rainfall forecast. The lake level was 39.43m AHD at 0700.

Somerset Dam

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Wivenhoe Dam

All gates were closed at Wivenhoe at 1200 Wednesday, with the dam level at 66.89m AHD at 1300. Following fish recovery and inspections, minor ongoing releases will be made for through the centre gate to account for ongoing small inflows. It is intended to drain down to 95%, approximately 66.5 m AHD.

Wivenhoe Dam peaked at 74.97 mAHd at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m³/s. The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres.

Strategy

A summary of the bridge status along the Brisbane River between Wivenhoe Dam and Moggill is as follows, with the exact timing of water coming clear of bridges depending on how the radial gate close down sequence progresses during the day:

- Water is clear of Fernvale Bridge and Mt Crosby Weir Bridge.
- Water should be clear of Burtons Bridge, Kholo Bridge and Savages Crossing tonight.
- Water should be clear of Colleges Crossing tomorrow.
- It is not yet certain when water will be clear of Twin Bridges as this will depend on base flow draining requirements and a decision will be made on this later Thursday.

The Flood Operations Centre is now closed and control of the dams has reverted to normal Seqwater operations. However, the FOC will continue to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments.




















Terry Malone
 Duty Engineer
 Flood Operations Centre

Phone [REDACTED]

31/03/2011

Fax: 

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   From	Subject	Received	Si...	
Date: Older				
 Peter Baddiley	RE: SitRep Clarification [SEC=UNCLASSIFIED]	Fri 7/01/2011 20:57	4 KB	
 Peter Baddiley	RE: Actual and Projected Wivenhoe Releases [SEC=UNCLASSIFIED]	Sun 9/01/2011 21:08	6 KB	
  Peter Baddiley	URGENT ATTENTION: Helidon to Gatton FLASH FLOOD [SEC=UNCLASSIFI...	Mon 10/01/2011 17:31	223...	
 James Stuart	RE: For your consideration [SEC=UNCLASSIFIED]	Wed 12/01/2011 09:43	12 KB	
 James Stuart	RE: Brisbane R model [SEC=UNCLASSIFIED]	Sat 15/01/2011 11:45	4 KB	
 Peter Baddiley	Post-fitting to Brisbane River flood - estimation of peak flows [SEC=UNCLA...	Sun 16/01/2011 07:57	9 KB	
 Peter Baddiley	RE: FOC Situation Report at 06:00 on Wednesday 19 January 2011 [SEC=...	Wed 19/01/2011 05:42	12 KB	

Jeff Perkins

From: Peter Baddiley
Sent: Friday, 7 January 2011 20:57
To: [REDACTED]
Cc:
Subject: RE: SitRep Clarification [SEC=UNCLASSIFIED]

Thank you for advice. The protocol needs some tweaking. The Bureau is constantly being asked by BCC to approve information that they are proposing to release. My understanding is that there was an explicit intention not to have this occur ... that the technical staff would agree in principle & each agency would develop its own messages.

For further discussion when things quieten

Peter Baddiley
Regional Hydrology Manager
Climate & Water Division
Bureau of Meteorology
Level 21, 69 Ann Street
GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001

[REDACTED]

From: Duty Engineer [REDACTED]
Sent: Friday, 7 January 2011 6:59 PM

[REDACTED]

Subject: SitRep Clarification

BCC pointed out that they have not done any analysis and do not necessarily agree with the 50 to 100mm but have accepted the BoM and Seqwater estimate.

Terry Malone

Duty Engineer
Flood Operations Centre

Phone: [REDACTED]

Fax: [REDACTED]

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Jeff Perkins

From: Peter Baddiley
Sent: Sunday, 9 January 2011 21:08
To: Duty Engineer
Cc: [REDACTED]
Subject: RE: Actual and Projected Wivenhoe Releases [SEC=UNCLASSIFIED]

Tks Terry

I am just having a bit of look from home - getting interesting, so I will go to bed & sleep thru it :-)

Rainband doesn't look like going away anytime soon.

Jimmy will start at about 04-30 in the morning.

cheers, peter

Peter Baddiley
Regional Hydrology Manager
Climate & Water Division
Bureau of Meteorology
Level 21, 69 Ann Street
GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001

[REDACTED]

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 9:07 PM

[REDACTED]

Subject: Actual and Projected Wivenhoe Releases

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC

9/01/2011 20:52

02/01/2011 09:00:00

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Actual

02/01/2011 10:00:00

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Actual

02/01/2011 11:00:00

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Actual

02/01/2011 12:00:00

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Duty Engineer
Flood Operations Centre



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Jeff Perkins

From: Peter Baddiley
Sent: Sunday, 9 January 2011 21:08
To: Duty Engineer
Cc: [REDACTED]
Subject: RE: Actual and Projected Wivenhoe Releases [SEC=UNCLASSIFIED]

Tks Terry

I am just having a bit of look from home - getting interesting, so I will go to bed & sleep thru it :-)

Rainband doesn't look like going away anytime soon.

Jimmy will start at about 04-30 in the morning.

cheers, peter

Peter Baddiley
Regional Hydrology Manager
Climate & Water Division
Bureau of Meteorology
Level 21, 69 Ann Street
GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001

From: Duty Engineer [REDACTED]
Sent: Sunday, 9 January 2011 9:07 PM

Subject: Actual and Projected Wivenhoe Releases

Wivenhoe Dam Actual and Projected Releases

Source: Seqwater FOC

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Duty Engineer
Flood Operations Centre

Phone:

Fax:

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Jeff Perkins

From: Peter Baddiley
Sent: Monday, 10 January 2011 17:32
To: [REDACTED]
Cc: [REDACTED]
Subject: URGENT ATTENTION: Helidon to Gatton FLASH FLOOD [SEC=UNCLASSIFIED]
Importance: High
Attachments: Helidon_to_Gatton map.jpg
Security Classification: UNCLASSIFIED

Serious flash flooding at Toowooba this afternoon - only seen images on tv !

Rapid rise in Lockyer Creek at Helidon between 2pm to 3pm; auto gauge indicates it rose about 8 metres. Accuracy unknown.

Flash flood arriving in Gatton area now. Has now risen 2 metres in one hour and continuing.

Helidon catchment area 440km²; Gatton catchment 1500 km² creek at Gatton is larger, so impact at Gatton should be less, but how high Gatton will get is UNKNOWN.

Highway is immediately downstream of Gatton need closing or Police attention.

Fast rises will extend along Lockyer Creek from Gatton to Glenore Grove/Lyons Bridge tonight - magnitude unknown at this stage but will model once we see Gatton rises.

Map attached.

See flash flood warning at http://www.bom.gov.au/cgi-bin/wrap_fwo.pl?IDQ20780.html

Peter Baddiley
Regional Hydrology Manager
Climate & Water Division
Bureau of Meteorology
Level 21, 69 Ann Street
GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001

[REDACTED]

[REDACTED]

Jeff Perkins

From: James Stuart
Sent: Wednesday, 12 January 2011 09:43
To: 'Duty Engineer'
Cc: Peter Baddiley
Subject: RE: For your consideration [SEC=UNCLASSIFIED]
Security Classification: UNCLASSIFIED

cheers, Terry! This was our latest - looks similar... Peak stage says higher though so we're running with that.

jimmy

 LOWER BRISBANE RIVER
 LOWER BRISBANE R (no forecast rainfall)
 RUN DATED:Wed Jan 12 09:22:49 2011
 FORECAST RUN FROM Sat Jan 1 09:00:00 2011 N/A
 DATA PARAMETERS : Locations = 16 Values = 877,528 Data Interval = 0.500 hours N/A
 MODEL PARAMETERS: alpha = 0.1400 m = 0.80 beta = 2.500 IL = 15.0 CL = 2.00

LOCATION	Time of Peak	Peak Discharge cumecs	Peak Height metres
UPPER	Tue Jan 11 21:00:00	7416.00	N/A
WIVENHOE	Tue Jan 11 21:00:00	7416.00	67.56
OREILLYS	Wed Jan 12 17:00:00	2221.10	16.90
LOWOOD	Tue Jan 11 21:00:00	9494.59	23.14
LOWOOD_A	Tue Jan 11 21:00:00	9494.59	23.46
SAVAGES	Wed Jan 12 01:30:00	8111.00	24.11
MT_CROSB	Wed Jan 12 09:00:00	8117.85	26.44
AMBER_TM	Wed Jan 12 08:00:00	810.32	9.25
WALLOON_	Tue Jan 11 20:00:00	1603.05	11.65
THREE_MI	Tue Jan 11 21:00:00	1612.73	22.16
LOAMSIDE	Tue Jan 11 18:30:00	133.68	7.53
ONE_MILE	Tue Jan 11 23:00:00	2489.04	21.96
HANCOCKS	Tue Jan 11 23:30:00	2509.10	19.66
IPSWICH	Wed Jan 12 10:00:00	2511.06	20.94
MOGGILL	Wed Jan 12 10:30:00	10277.39	20.28
JINDALEE	Wed Jan 12 21:00:00	10109.42	13.96
BRISBANE	Thu Jan 13 12:30:00	9681.31	5.21
BAR	Wed Jan 19 09:00:00	N/A	2.94

From: Duty Engineer [REDACTED]
Sent: Wednesday, 12 January 2011 9:40 AM
To: [REDACTED]
Subject: For your consideration

To achieve this result I've reduced the outflows from Wivenhoe by 0.15 (loss=0.15)

 LOWER BRISBANE RIVER
 LOWER BRISBANE RIVER (no forecast rainfall)
 RUN DATED:Wed Jan 12 2011 09:03
 FORECAST RUN FROM Sun Jan 02 2011 09:00
 DATA PARAMETERS : Locations = 18 Values = 407 Data Interval = 1.000 hours
 MODEL PARAMETERS: alpha = 0.1300 m = 0.80 beta = 3.000 IL = 10.0 CL = 2.00

LOCATION	Time of Peak	Peak Discharge cumecs	Peak Height metres
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1/04/2011

WD_OUTFLOW	Tue	Jan	11	2011	21:00	7416.00	N/A	*
OREILLYS_WEIR	Wed	Jan	12	2011	05:00	3272.60	23.96	
L_PUMP_STN	Wed	Jan	12	2011	03:00	8231.07	39.33	
SAVAGES_XING	Wed	Jan	12	2011	04:00	8295.82	24.23	
BURTONS_BR	Wed	Jan	12	2011	06:00	8380.03	25.14	
L_MANCHESTER	Tue	Jan	11	2011	17:00	N/A	53.43	
L_MANCHESTER	Tue	Jan	11	2011	17:00	390.76	53.45	
KHOLO_BR	Wed	Jan	12	2011	09:00	8494.16	28.10	
MT_CROSBY_WEIR	Wed	Jan	12	2011	11:00	8479.41	27.32	
COLLEGES_XING	Wed	Jan	12	2011	11:00	8482.12	30.54	
WALLOON	Tue	Jan	11	2011	22:00	1654.60	11.77	
AMBERLEY	Wed	Jan	12	2011	07:00	757.57	9.09	
LOAMSIDE	Tue	Jan	11	2011	21:00	170.11	7.67	
ONE_MILE_BR	Wed	Jan	12	2011	00:00	2573.66	22.29	
HANCOCKS_BR	Wed	Jan	12	2011	00:00	2600.05	20.05	
IPSWICH	Wed	Jan	12	2011	15:00	2598.47	20.57	
MOGGILL	Wed	Jan	12	2011	16:00	9563.23	20.01	
JINDALEE	Wed	Jan	12	2011	19:00	9577.34	13.88	
BRISBANE	Thu	Jan	13	2011	02:00	9556.60	5.23	*
BAR	Mon	Jan	03	2011	09:00	N/A	2.45	*

Terry

Jeff Perkins

From: James Stuart
Sent: Saturday, 15 January 2011 11:45
To: 'Duty Engineer'
Subject: RE: Brisbane R model [SEC=UNCLASSIFIED]
Security Classification: UNCLASSIFIED

All done Terry,

jimmy

From: Duty Engineer [REDACTED]
Sent: Saturday, 15 January 2011 10:02 AM
To: [REDACTED]
Subject: Brisbane R model

Any chance of pushing last Brisbane R model run to web-I'd like to compare flood vols. I will discuss prior to comment.

Terry

Duty Engineer
Flood Operations Centre

Phone [REDACTED]
Fax: [REDACTED]

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Jeff Perkins

From: Peter Baddiley
Sent: Sunday, 16 January 2011 07:57
To: 'Duty Engineer'; [REDACTED]
Subject: Post-fitting to Brisbane River flood - estimation of peak flows [SEC=UNCLASSIFIED]
Importance: High
Security Classification: UNCLASSIFIED

Terry, John and others

Hope this adds some value ... I think it is getting closer

Effectively a Muskingum channel routing model with timing adjusted to get a close? approximation to storage in play. Needs further refinemnt re hydrograph shapes etc but for a later time.

If we match (accept these hydrographs/ratings) on:

Rifle Range Road (my confidence is lowest here - but it is in the ballpark)
 Wivenhoe releases (? others to say)
 Walloon (confidence quite high - we have done a lot of modelling for this location over the years)
 Amberley (confidence quite high - we have done a lot of modelling for this location over the years)

and, importantly, adjust channel routing such that timings of rises/peaks are fitting this 2011 flood

(this should get close to effect of storage, although other refinements involving shape fitting are required, which we had to do for the Balonne R model recently to good effect)

then the peak flows are modelled as in this table (but disregard peak heights as this now throws into question the accepted ratings to date):

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LOWER BRISBANE RIVER
LOWER BRISBANE R (no forecast rainfall)
RUN DATED:Sun Jan 16 07:35:56 2011
FORECAST RUN FROM Sat Jan 1 09:00:00 2011 N/A
DATA PARAMETERS : Locations = 16 Values = 1063,715 Data Interval = 0.500
hours N/A
MODEL PARAMETERS: alpha = 0.1300 m = 0.80 beta = 2.500 IL = 15.0 CL = 2.00
-----
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LOCATION	Time of Peak	Peak Discharge cumecs	Peak Height metres
UPPER	Tue Jan 11 21:00:00	7342.00	N/A
WIVENHOE	Tue Jan 11 21:00:00	7342.00	67.17 N/A
OREILLYS	Tue Jan 11 15:00:00	2263.04	17.03 N/A
LOWOOD	Tue Jan 11 21:00:00	9347.46	23.03 Major
LOWOOD_A	Tue Jan 11 21:00:00	9347.46	23.33 Major
SAVAGES	Wed Jan 12 00:30:00	9651.43	25.65 Major
MT_CROSB	Wed Jan 12 09:30:00	9483.25	28.08 Major
AMBER_TM	Wed Jan 12 10:00:00	814.80	9.27 Major
WALLOON_	Tue Jan 11 19:00:00	1436.58	11.27 Major
THREE_MI	Tue Jan 11 21:00:00	1423.90	21.53 Major
LOAMSIDE	Tue Jan 11 18:30:00	133.64	7.53 Moderate

1/04/2011

ONE_MILE	Tue	Jan	11	23:00:00	2299.72	21.20	Major
HANCOCKS	Tue	Jan	11	23:30:00	2320.65	18.86	Major
IPSWICH	Wed	Jan	12	14:30:00	2323.09	21.47	Major
MOGGILL	Wed	Jan	12	15:00:00	10926.84	20.93	Major
JINDALEE	Wed	Jan	12	20:30:00	10850.33	14.76	Major
BRISBANE	Thu	Jan	13	01:30:00	10794.94	5.71	Major
BAR	Fri	Jan	21	11:00:00	N/A	3.03	

Just another input to the many others. No doubt we will work together on Brisbane R modelling & do a round with the BCC 2d inundation modelling.

regards, peter

Peter Baddiley

Regional Hydrology Manager

Climate & Water Division

Bureau of Meteorology

Level 21, 69 Ann Street

GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001



Jeff Perkins


From: Peter Baddiley
Sent: Wednesday, 19 January 2011 05:42
To: 'Duty Engineer'
Subject: RE: FOC Situation Report at 06:00 on Wednesday 19 January 2011 [SEC=UNCLASSIFIED]
Security Classification: UNCLASSIFIED


Thanks JT hope you have had the best sleep

regards, peter

Peter Baddiley
Regional Hydrology Manager
Climate & Water Division
Bureau of Meteorology
Level 21, 69 Ann Street
GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001



From: Duty Engineer 
Sent: Wednesday, 19 January 2011 5:28 AM



Subject: FOC Situation Report at 06:00 on Wednesday 19 January 2011

Rainfall

Severe thunderstorms passed over the Wivenhoe, Somerset and North Pine dam catchments yesterday afternoon and evening. Falls of 20mm to 30mm were recorded at isolated locations.

North Pine

A decision was made at 1900 yesterday to drain the dam down to 39.40m AHD overnight to cater for the inflow resulting from yesterday's storms and ensure that Youngs Crossing remains open during the day today. All gates were closed at 0500 today and a fish recovery operation also commenced at this time. Youngs Crossing will be reopened by the MBRC at around 0700. The dam level will rise slowly during the day and further releases may be required again tonight with more rainfall forecast. The current lake level is 39.42m AHD.

Somerset Dam

All regulators were closed at 2000 yesterday. The dam level is currently 98.95m AHD and rising slowly. Further regulator releases will take place today and again over the next few days to maintain the dam at the full supply level. Somerset Dam peaked at 105.11 mAHd at 18:00 on Wednesday 12 January 2011; all sluice gates were closed on Monday 17 January 2011.

Wivenhoe Dam

The Lowood temporary pump station was relocated at 2100 yesterday. This relocation removed the need to continue high flow releases from the dam to ensure treated water supplies to Lowood are maintained. Discussions with BCC last night also concluded that tidal variations are primarily back to normal patterns and having a greater impact on the foundation conditions

1/04/2011

of Coronation Drive than the tapering of releases from the dam. Accordingly the radial gate close down sequence recommenced at 21:45 last night and all gates will be closed by 1600 today. The dam level when the last gate is closed will be around 66.90m AHD and a fish recovery operation will continue through most of the day during the close down sequence. Releases will continue through the regulator cone valve and possibly the Mini-Hydro (depending on when it can be re-started) to account for ongoing base-flow once all radial gates are closed.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on Tuesday 11 January 2011 with a corresponding discharge of 7,450 m³/s. The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2.6 million megalitres. It should be noted that the Seqwater water level gauge currently being reported on the BoM website is currently slightly under reading by about 50mm.

Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels throughout the Brisbane and Pine River catchments and is maintaining close contact with warning agencies and local councils. Councils have been informed of the current release strategy. A summary of the bridge status along the Brisbane River between Wivenhoe Dam and Moggill is as follows, with the exact timing of water coming clear of bridges depending on how the radial gate close down sequence progresses during the day:

- Water is clear of Fernvale Bridge and Mt Crosby Weir Bridge.
- Water should be clear of Burtons Bridge, Kholo Bridge and Savages Crossing tonight.
- Water should be clear of Colleges Crossing tomorrow.
- It is not yet certain when water will be clear of Twin Bridges as this will depend on base flow draining requirements and a decision will be made on this later today. The earliest that Twin Bridges would be clear of water is late this afternoon.

John Tibaldi
Duty Engineer
Flood Operations Centre

Phone: 

Fax: 

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In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

Annexure "PB-6"

Peter Baddiley

From: Peter Baddiley
Sent: Wednesday, 1 December 2010 9:44 AM
To: 'Rob Drury'
Subject: FW: Forecasting rainfall in Wivenhoe Dam catchment [SEC=UNCLASSIFIED]
Attachments: Response to Meeting with Chris Russell.doc
Security Classification: UNCLASSIFIED

Rob

A small miracle - I found the Bureau's 2006 response/advice regarding forecasting rainfall for the Wivenhoe catchment.

As briefly discussed today, whilst weather prediction models are steadily improving, the forecast of rainfall amounts over catchment time/space scales is recognised as one of the most challenging/difficult tasks. Detailed rainfall forecasting is not deterministic - the uncertainties involved are often expressed in probabilistic forecasts, an example of which is at our website at: <http://www.bom.gov.au/jsp/watl/rainfall/pme.jsp> . Click on the "chance of rainfall" radio button.

regards, peter

Peter Baddiley
 Regional Hydrology Manager
 Climate & Water Division
Bureau of Meteorology
 Level 21, 69 Ann Street
 GPO Box 413, BRISBANE, QLD, AUSTRALIA 4001

WWW : www.bom.gov.au

From: Peter Baddiley
Sent: Monday, 24 July 2006 4:59 PM
To: [REDACTED]
Cc: Mike Bergin
Subject: Forecasting rainfall in Wivenhoe Dam catchment

Chris

As discussed with Mike on Friday, please find the attached. Apologies for the delay since our meeting of 6 July.

Please contact us if you require further information or clarification.

Regards, Peter

Peter Baddiley
 Supervising Engineer Hydrology & Flood Warning
 Bureau of Meteorology
 GPO Box 413
 BRISBANE QLD 4001
 AUSTRALIA

5/04/2011

EMAIL: [REDACTED]
WWW : [REDACTED]

In the matter of the *Commissions of Inquiry Act 1950*

Commissions of Inquiry Order (No.1) 2011

Queensland Floods Commission of Inquiry

Witness Statement of Peter Baddiley

Annexure "PB-7"

Rainfall Forecasting for the Wivenhoe Dam Catchment

Background

1. On 6 July, Chris Russell, of Connell Wagner, met with Mike Bergin and Peter Baddiley seeking advice regarding the predictability of significant rain events over the Wivenhoe Dam catchment. Connell Wagner has been engaged by SEQWCo to provide advice on the feasibility of maintaining the water level in the Wivenhoe storage at one metre above Full Supply Level. As a part of the dam operations under that scenario, it would be required that the additional storage above FSL be released ahead of a major inflow into Wivenhoe Dam. This would require some 24 to 48 hour advance prediction of catchment average rainfalls in the order of 300mm in 24 hours; 375mm in 36 hours and/or 430mm in 48 hours.

2. Wivenhoe Dam catchment is located to the north-west of Brisbane and has an area of about 7,000 square kilometres. For meteorological forecasting, the catchment is broadly about 100 km in the north-south direction, and 70 kilometres wide (east-west); bounded in the west by the Dividing Range with its eastern boundary varying from about 40 to 80 kilometres inland from the coast. The distribution of rainfall over the catchment is significantly influenced by the topography in major events.

Discussion

3. As discussed at the meeting, the experience of Meteorologists and Hydrologists in the Brisbane office of the Bureau is that the short to medium term (0 to 48 hour) prediction of rainfall for the purpose of objective use in flood forecasting models is a difficult task. Quantitative Precipitation Forecasts (QPF) are available from the Australian and international Numerical Weather Prediction (NWP) models and have been used subjectively in the Brisbane office for many years. Whilst the NWP models have shown improvement in the accuracy of QPF over the past decade or so, there is still at times considerable error or uncertainty, in the prediction of the location, amount and timing of rainfall events at the catchment scale.

4. The improved skill of NWP models in recent years has particularly been in forecasting the development and movement of broad-scale synoptic features that would be likely to produce the threshold rainfall amounts in question. These large-scale features include decaying tropical cyclones, east coast low pressure systems and significant upper level troughs. However while these systems maybe well forecast on a time scale of 2 to 3 days the very heavy rainfall concentrations are dependent on finer scale (mesoscale) and convective features. Whilst there is often the ability to forecast the potential for a significant rain event to occur in the southeast Qld-northern NSW region, it is difficult (if not impossible) to predict the actual location of the heaviest rain, even with only a few hours notice.

5. Examples of high rainfall events that have occurred in the past 10 to 15 years in this region, some of which had little to no advance prediction of the “precise” location and/or magnitude of resulting rainfall, include Feb 1991, Dec 1991, Feb 1992, May 1996, Feb 1999, Mar 2001 and June 2005. Several of these events were not produced by large-scale features but by slow moving convergence zones which the current

modelling capability cannot adequately predict. The two most recent events in 2001 and 2005 were relatively short-lived events and occurred at different times of the day – 2001 in the afternoon and 2005 overnight. While one could reasonably expect that most really significant rainfall events are most likely through the warmer months, winter extreme events are by no means rare.

6. Considerable effort is being applied to derive improved deterministic and probabilistic QPFs from NWP models. In the near future, the Bureau will be providing a publicly available rainfall forecasting service via a website. The rainfall predictions will be generated automatically by combining the outlooks from a suite of Australian and international. Forecast rainfall amounts for 24 hour periods will be given for 4 days ahead, together with the chance of exceeding various amounts from 1mm to 50mm. The latter is a “pseudo” measure of probability based on the consistency in the forecast rain amounts given by up to eight NWP models used in deriving the rainfall forecast. Whilst it is not considered that this will provide a sufficiently accurate method for objective decision making for pre-releases from Wivenhoe Dam, the probabilistic rain forecasts may provide a basis for a risk management approach. There may need to be further studies on risk quantification for prediction of high to extreme rainfall events to support this approach. Given that there are large levels of uncertainty in rainfall forecasts, the forecasting of hydrological response may require an ensemble of future rain scenarios to be considered for the Wivenhoe Dam application.

7. As for a potential service provided by the Bureau an alert type product would seem to be the best alternative where the potential for an extreme rainfall event in the following 2 to 3 days across southeast Queensland was given a rating on say a 3 level scale. If that rating was high then a second phase could be activated which could provide more detailed forecast of expected rainfall amounts and location. However I emphasise that this type of service can be expected to not provide the required 2 days advice of an event on some occasions and may fail to provide anything more than a few hours notice, such is the nature of the predictability of the mesoscale components of these events.

8. Currently the Bureau provides a QPF service for the dams in Southeast Queensland. This twice-daily service predicts the average rainfall across the catchments in the following 24-hour period. We have not undertaken any verification of the service. However it is likely that verification would show reasonable skill in identifying rainfall events but quite poor skill in predicting extreme events. This service is to be reviewed in the next few months and we may commence charging for the product as it is essentially not a basic service and should not be publicly funded. We have yet to commence discussions with the client so these comments should be kept confidential. This issue is raised because any future customized product provided in support of dam operations will certainly be on a fee for service basis. There is also the issue of whether the Bureau would have the capacity to provide such a service at all and that would have to be part of any future discussions.

Summary

9. In light of the demand for water in southeast Queensland and the highly variable nature of rainfall in the area the project has many obvious attractions. However the capability of the science to provide sufficiently reliable 24 to 48 hour advance predictions of high catchment average rainfalls is limited. The Bureau would be willing to participate in future discussions on the subject and maybe able to assist with some service that would assist.

Mike Bergin
Manager Weather Services,
Bureau of Meteorology, Queensland.

Peter Baddiley
Supervising Engineer Hydrology
Bureau of Meteorology, Queensland

24 July 2006