

**In the matter of the *Commissions of Inquiry Act 1950*
Commissions of Inquiry Order (No.1) 2011
Queensland Floods Commission of Inquiry**

**Second Witness Statement of Peter Baddiley
Annexure “PB2-8(30)”**

FLDWARN for the Gulf Rivers

1 December 2010 to 31 January 2011

TO::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR FLINDERS RIVER

Issued at 12:28 PM on Monday the 13th of December 2010
by the Bureau of Meteorology, Brisbane.

Moderate flood levels continue to rise at Richmond. Levels are expected to reach around 7 metres with higher levels possible. At this stage, levels are expected to remain below minor at Hulberts Bridge but are expected to exceed the crossing level of 3.9 metres.

Next Issue:

The next warning will be issued by 11am Tuesday.

Latest River Heights:

Porcupine Ck at Mt Emu Plains*	2.05m falling	10:00 AM MON 13/12/10
Flinders R at Glendower *	2.82m falling	08:10 AM MON 13/12/10
Flinders R at Richmond *	6.16m rising	11:00 AM MON 13/12/10
Cloncurry R at Cloncurry *	0.86m steady	11:00 AM MON 13/12/10
Julia Ck at Julia Ck *	0.07m steady	11:00 AM MON 13/12/10
Dugald R at Rail Crossing *	0.71m steady	08:00 AM MON 13/12/10
Williams R at Landsborough Highway*	0.7m steady	08:00 AM MON 13/12/10
Cloncurry R at Canobie Auto *	0.67m steady	08:00 AM MON 13/12/10
Flinders R at Walkers Bend *	0.71m steady	08:00 AM MON 13/12/10

*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::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR FLINDERS RIVER

Issued at 8:34 AM on Tuesday the 14th of December 2010
by the Bureau of Meteorology, Brisbane.

Minor flood levels are falling at Richmond. Levels are expected to remain below minor flood level at Hulberts Bridge but are expected to exceed the crossing

level of 3.9 metres.

Next Issue:

This is the final warning. River height bulletins will continue to be issued.

Latest River Heights:

Porcupine Ck at Mt Emu Plains*	1.88m steady	05:00 AM TUE 14/12/10
Flinders R at Glendower *	2.49m falling	07:40 AM TUE 14/12/10
Flinders R at Richmond	5.55m falling	06:00 AM TUE 14/12/10
Flinders R at Richmond *	6.16m falling	05:00 AM TUE 14/12/10
Cloncurry R at Cloncurry *	0.83m steady	06:00 AM TUE 14/12/10
Julia Ck at Julia Ck *	0.07m rising	06:00 AM TUE 14/12/10

*automatic station

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TO::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

PRELIMINARY FLOOD WARNING FOR THE FLINDERS RIVER
Issued at 7:25 AM on Sunday the 2nd of January 2011
by the Bureau of Meteorology, Brisbane.

Monsoonal activity across the Gulf Country has produced river rises along the Flinders and Cloncurry Rivers, with moderate flooding occurring in the upper Flinders River at Richmond. Whilst river levels at Walkers Bend currently remain steady just below minor flood level, further prolonged heavy rainfall during this week is likely to result in moderate to major flooding at Walkers Bend.

Periodic heavy rainfall recorded across the Flinders catchment during the last few weeks has resulted in steady river rises in the Flinders River at Walkers Bend. At 8am Saturday, the river level at Walkers Bend was 4.82 metres and steady below the minor flood level of 5.0 metres.

Further heavy rainfalls are likely across the Gulf Country as a monsoon trough situated in the Torres Strait slowly moves southwards over the next few days.

Weather Forecast:

In the north, scattered showers and thunderstorms, tending to rain areas at times. Local moderate to heavy falls possible.

In the south, isolated showers and thunderstorms mainly in the afternoon and evening.

Next Issue:

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

Latest River Heights:

Gregory R at Riversleigh *	1.78m falling	09:00 PM SAT 01/01/11
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Gregory R at Gregory Downs *	3.77m rising	09:00 PM SAT 01/01/11
Leichhardt R at Floraville *	2.58m steady	08:00 PM SAT 01/01/11
Porcupine Ck at Mt Emu Plains*	1.99m steady	08:00 PM SAT 01/01/11
Flinders R at Glendower *	3.24m falling	08:20 PM SAT 01/01/11
Flinders R at Richmond *	6.83m falling	05:00 AM SUN 02/01/11
Cloncurry R at Cloncurry *	0.86m rising	05:00 AM SUN 02/01/11
Julia Ck at Julia Ck *	0.93m steady	05:00 AM SUN 02/01/11
Dugald R at Rail Crossing *	0.92m falling	08:00 PM SAT 01/01/11
Williams R at Landsborough Highway*	0.62m falling	08:00 PM SAT 01/01/11
Flinders R at Etta Plains *	6.58m rising	08:00 PM SAT 01/01/11
Cloncurry R at Canobie Auto *	3.73m falling	08:20 PM SAT 01/01/11
Flinders R at Walkers Bend *	4.82m steady	08:00 PM SAT 01/01/11
Norman R near Yappar River	2m rising slowly	07:00 PM SAT 01/01/11
Norman R at Glenore Weir *	8.19m steady	05:00 AM SUN 02/01/11
Norman R at Normanton	NA	
Karumba tide *	1.1m falling	06:10 AM SUN 02/01/11
Gilbert R at Riverview	3m falling slowly	06:00 AM SUN 02/01/11
Copperfield R at Spanner Waterhole*	2.65m steady	08:00 AM SAT 01/01/11
Copperfield R at Kidston Dam TW *	2.51m steady	08:00 PM SAT 01/01/11
Elizabeth Ck at Mt Surprise*	2.35m falling	05:00 AM SUN 02/01/11
Routh Ck at Beef Road *	2.37m falling	11:45 PM SAT 01/01/11
Etheridge R at Roseglen *	3.57m rising	05:10 AM SUN 02/01/11
Etheridge R at Georgetown	NA	
Mitchell R at Gamboola *	4.53m steady	08:00 PM SAT 01/01/11
Palmer R at Goldfields *	1.8m steady	08:00 PM SAT 01/01/11
Palmer R at Drumduff *	2.89m falling	08:10 PM SAT 01/01/11
Mitchell R @ Koolatah *	8.66m falling	08:00 PM SAT 01/01/11
Magnificent Ck at Kowanyama Airport	3.05m rising slowly	02:45 PM SAT 01/01/11

* denotes automatic station.

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TO::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE GULF RIVERS

Issued at 9:57 AM on Monday the 3rd of January 2011
by the Bureau of Meteorology, Brisbane.

Recent rainfall has produced river level rises in the Flinders and Norman Rivers. Minor flooding is occurring in the Norman River at the Yappar River junction and at Normanton.

Renewed rises are expected later in the week at Walkers Bend with levels in excess of the Flinders River Bridge possible. At 8am Monday the Flinders River at Walkers Bend was steady at 4.73 metres.

Moderate flood levels are rising slowly in Magnificent Creek at the Kowanyama Airport.

Weather Forecast:

Scattered showers and thunderstorms, tending to rain areas at times. Local moderate to heavy falls possible.

Next Issue:

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

Latest River Heights:

Gregory R at Riversleigh *	2.09m rising	08:00 AM MON 03/01/11
Gregory R at Gregory Downs *	3.07m steady	08:00 AM MON 03/01/11
Leichhardt R at Doughboy Ck *	1.23m steady	08:00 AM MON 03/01/11
Leichhardt R at Julius Dam *	-0.81m steady	06:00 AM MON 03/01/11
Leichhardt R at Miranda Creek *	2.14m rising	08:00 AM MON 03/01/11
Fiery Ck at The 16m Waterhole *	1.93m falling	08:00 AM MON 03/01/11
Leichhardt R at Floraville *	3.24m falling	08:00 AM MON 03/01/11
Flinders R at Glendower *	2.54m steady	06:00 AM MON 03/01/11
Flinders R at Richmond *	3.79m falling	08:00 AM MON 03/01/11
Cloncurry R at Cloncurry *	1.03m falling	08:00 AM MON 03/01/11
Julia Ck at Julia Ck *	0.96m steady	08:00 AM MON 03/01/11
Dugald R at Rail Crossing *	0.75m steady	08:00 AM MON 03/01/11
Williams R at Landsborough Highway*	0.67m steady	08:30 AM MON 03/01/11
Flinders R at Etta Plains *	7.07m steady	08:00 AM MON 03/01/11
Cloncurry R at Canobie Auto *	3.66m steady	08:00 AM MON 03/01/11
Flinders R at Walkers Bend *	4.73m steady	08:00 AM MON 03/01/11
Norman R near Yappar River	2.05m rising slowly	07:00 AM MON 03/01/11
Norman R at Glenore Weir *	8.18m steady	08:00 AM MON 03/01/11
Norman R at Normanton	2m steady	08:00 AM MON 03/01/11
Gilbert R at Riverview	2m falling	12:00 PM SUN 02/01/11
Copperfield R at Spanner Waterhole*	3.09m falling	08:10 AM MON 03/01/11
Copperfield R at Kidston Dam HW *	36.42m rising	08:00 AM MON 03/01/11
Copperfield R at Kidston Dam TW *	2.82m steady	08:00 AM MON 03/01/11
Elizabeth Ck at Mt Surprise*	2.07m steady	08:00 AM MON 03/01/11
Routh Ck at Beef Road *	1.86m steady	11:00 PM SUN 02/01/11
Etheridge R at Roseglen *	2.79m steady	08:00 AM MON 03/01/11
Magnificent Ck at Kowanyama Airport	3.5m rising slowly	08:00 AM MON 03/01/11

* from automatic station

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TO::BOM601

IDQ20875

Australian Government Bureau of Meteorology

Queensland

FLOOD WARNING FOR THE GULF RIVERS

Issued at 10:57 AM on Tuesday the 4th of January 2011
by the Bureau of Meteorology, Brisbane.

Recent rainfall has produced river level rises in the Flinders, Norman and Gilbert Rivers. Minor flooding is occurring in the Norman River at the Yappar River junction, Normanton and in the lower Gilbert River in the Miranda Downs area.

Renewed rises are expected later in the week at Walkers Bend with levels in excess of the Flinders River Bridge possible. At 8am Tuesday the Flinders River at Walkers Bend was falling at 4.16 metres.

Moderate flood levels are rising slowly in Magnificent Creek at the Kowanyama Airport.

Weather Forecast:

Scattered showers, rain areas and thunderstorms with local moderate to heavy falls possible.

Next Issue:

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

Latest River Heights:

Flinders R at Richmond *	3.13m falling	09:00 AM TUE 04/01/11
Cloncurry R at Cloncurry *	0.90m steady	09:00 AM TUE 04/01/11
Julia Ck at Julia Ck *	0.97m steady	09:00 AM TUE 04/01/11
Dugald R at Rail Crossing *	0.72m steady	05:00 AM TUE 04/01/11
Williams R at Landsborough Highway*	0.70m steady	08:00 AM TUE 04/01/11
Flinders R at Etta Plains *	7.12m steady	05:00 AM TUE 04/01/11
Cloncurry R at Canobie Auto *	3.68m steady	08:00 AM TUE 04/01/11
Flinders R at Walkers Bend *	4.16m falling	08:00 AM TUE 04/01/11
Norman R near Yappar River	1.90m falling slowly	07:00 AM TUE 04/01/11
Norman R at Glenore Weir *	8.47m rising	09:00 AM TUE 04/01/11
Norman R at Normanton	2.15m rising slowly	07:00 AM TUE 04/01/11
Copperfield R at Spanner Waterhole*	3.06m falling	08:20 AM TUE 04/01/11
Copperfield R at Kidston Dam HW *	36.45m steady	08:00 AM TUE 04/01/11
Copperfield R at Kidston Dam TW *	2.86m rising	08:00 AM TUE 04/01/11
Elizabeth Ck at Mt Surprise*	2.2m steady	09:00 AM TUE 04/01/11
Routh Ck at Beef Road *	1.7m steady	11:00 PM MON 03/01/11
Etheridge R at Roseglen *	3.65m rising	09:00 AM TUE 04/01/11
Magnificent Ck at Kowanyama Airport	3.6m rising slowly	08:00 AM TUE 04/01/11

* from automatic station

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IDQ20875

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE GULF RIVERS

Issued at 10:26 AM on Wednesday the 5th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flood levels continue to ease in the Norman River at the Yappar River junction. It is possible that minor flood levels may just be reached in the Flinders River at Walkers Bend later in the week as upstream floodwaters arrive.

Weather Forecast:

Scattered showers, rain areas and thunderstorms with local moderate to heavy falls possible.

Next Issue:

This is the final warning. River height bulletins will continue to be issued.

Latest River Heights:

Flinders R at Richmond *	2.66m steady	08:00 AM WED 05/01/11
Cloncurry R at Cloncurry *	0.85m steady	08:00 AM WED 05/01/11
Julia Ck at Julia Ck *	0.98m steady	08:00 AM WED 05/01/11
Dugald R at Rail Crossing *	0.71m steady	08:00 AM WED 05/01/11
Williams R at Landsborough Highway*	0.67m steady	08:00 AM WED 05/01/11
Flinders R at Etta Plains *	7.27m rising	08:00 AM WED 05/01/11
Cloncurry R at Canobie Auto *	3.67m falling	11:30 PM TUE 04/01/11
Flinders R at Walkers Bend *	3.58m steady	08:00 AM WED 05/01/11
Norman R near Yappar River	1.65m falling slowly	07:00 AM WED 05/01/11
Norman R at Glenore Weir *	8.88m rising	08:00 AM WED 05/01/11
Copperfield R at Spanner Waterhole*	2.73m steady	08:00 AM WED 05/01/11
Copperfield R at Kidston Dam HW *	36.29m steady	08:00 AM WED 05/01/11
Copperfield R at Kidston Dam TW *	2.65m falling	08:10 AM WED 05/01/11
Elizabeth Ck at Mt Surprise*	2.08m steady	08:00 AM WED 05/01/11
Routh Ck at Beef Road *	2.27m falling	08:00 AM WED 05/01/11
Etheridge R at Roseglen *	3.81m falling	08:40 AM WED 05/01/11

* from automatic station

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IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE FLINDERS RIVER

Issued at 11:01 AM on Wednesday the 19th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall over the past 24 hours has led to river level rises at Hughenden and Richmond with minor to moderate flooding. Minor flooding will continue along the Norman River from near Yappar River to Normanton into the weekend.

FLINDERS RIVER

Moderate flood levels at Hughenden are steady at 3.17 metres this morning. Fast rises are occurring downstream at Richmond with moderate flood levels of above 6 metres possible today.

Areas downstream to Etta Plains including Hulberts Bridge will see fast river level rises over the next 48 hours.

Next Issue:

The next warning will be issued by 4pm Wednesday.

Latest River Heights:

Flinders R at Glendower *	2.78m falling	07:30 AM WED 19/01/11
Flinders R at Hughenden	3.17m steady	06:00 AM WED 19/01/11
Flinders R at Richmond *	5.00m rising	11:00 AM WED 19/01/11
Cloncurry R at Cloncurry *	0.97m steady	09:00 AM WED 19/01/11
Julia Ck at Julia Ck *	0.93m steady	09:00 AM WED 19/01/11
Dugald R at Rail Crossing *	1.03m falling	08:00 AM WED 19/01/11
Williams R at Landsborough Highway*	0.71m steady	07:00 AM WED 19/01/11
Flinders R at Etta Plains *	2.79m rising	08:00 AM WED 19/01/11
Cloncurry R at Canobie Auto *	3.03m steady	08:00 AM WED 19/01/11
Flinders R at Walkers Bend *	2.77m rising	08:18 AM WED 19/01/11
Norman R near Yappar River	2.4m steady	07:00 AM WED 19/01/11
Norman R at Glenore Weir *	9.74m steady	09:18 AM WED 19/01/11
Norman R at Normanton	2.65m rising slowly	07:00 AM WED 19/01/11
Karumba tide *	1.56m steady	10:10 AM WED 19/01/11

*automatic station

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IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE FLINDERS RIVER

Issued at 3:42 PM on Wednesday the 19th of January 2011
by the Bureau of Meteorology, Brisbane.

Rainfall over the past 36 hours has led to river level rises at Hughenden and Richmond with minor to moderate flooding. Minor flooding will continue along the Norman River from near Yappar River to Normanton into the weekend.

FLINDERS RIVER

Moderate flood levels at Hughenden were steady at 3.17 metres this morning. Fast

rises are continuing downstream at Richmond with levels expected to reach the moderate flood level of 6 metres this evening. The rate of rise has slowed this afternoon and as a result a peak is expected during this evening or overnight.

Areas downstream to Etta Plains including Hulberts Bridge will see fast river level rises over the next 48 hours.

Next Issue:

The next warning will be issued by 9:30am Thursday.

Latest River Heights:

Flinders R at Glendower *	2.69m falling	01:30 PM WED 19/01/11
Flinders R at Hughenden	3.17m steady	06:00 AM WED 19/01/11
Flinders R at Richmond *	5.84m rising	03:00 PM WED 19/01/11
Cloncurry R at Cloncurry *	0.94m steady	03:00 PM WED 19/01/11
Julia Ck at Julia Ck *	0.93m steady	03:00 PM WED 19/01/11
Dugald R at Rail Crossing *	0.91m falling	03:00 PM WED 19/01/11
Williams R at Landsborough Highway*	0.71m steady	02:00 PM WED 19/01/11
Flinders R at Etta Plains *	2.92m steady	03:00 PM WED 19/01/11
Cloncurry R at Canobie Auto *	3.03m rising	03:20 PM WED 19/01/11
Flinders R at Walkers Bend *	3.03m rising	02:00 PM WED 19/01/11
Norman R near Yappar River	2.4m rising slowly	01:00 PM WED 19/01/11
Norman R at Glenore Weir *	9.82m rising	11:00 AM WED 19/01/11
Norman R at Normanton	2.65m rising slowly	07:00 AM WED 19/01/11

*automatic station

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IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE FLINDERS RIVER

Issued at 8:04 AM on Thursday the 20th of January 2011
by the Bureau of Meteorology, Brisbane.

A moderate flood peak of just above 6 metres was recorded at Richmond overnight. Minor to moderate flooding should be expected downstream into the weekend. Minor flooding will continue along the Norman River from near Yappar River to Normanton into the weekend. Minor flooding is occurring along the Gregory River at Gregory Downs.

FLINDERS RIVER

A moderate flood peak of 6.25 metres was recorded at Richmond overnight. Levels are expected to continue falling through today with any further rises dependent on more rainfall.

Areas downstream to Etta Plains including Hulberts Bridge will see fast river level rises over the next 36 hours.

Next Issue:

The next warning will be issued by 9:30am Friday.

Latest River Heights:

Flinders R at Glendower *	2.62m falling	04:00 AM THU 20/01/11
Flinders R at Richmond *	5.99m falling	05:30 AM THU 20/01/11
Cloncurry R at Cloncurry *	0.96m falling	05:00 AM THU 20/01/11
Julia Ck at Julia Ck *	1.14m rising	05:00 AM THU 20/01/11
Dugald R at Rail Crossing *	1.08m steady	06:00 AM THU 20/01/11
Williams R at Landsborough Highway*	0.82m rising	06:20 AM THU 20/01/11
Flinders R at Etta Plains *	2.78m falling	06:00 AM THU 20/01/11
Cloncurry R at Canobie Auto *	3.03m rising	03:20 PM WED 19/01/11
Flinders R at Walkers Bend *	3.29m rising	05:00 AM THU 20/01/11
Norman R near Yappar River	2.45m steady	07:00 AM THU 20/01/11
Norman R at Glenore Weir *	10.22m steady	06:19 AM THU 20/01/11
Norman R at Normanton	2.89m rising slowly	07:00 AM THU 20/01/11

*automatic station

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IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE GULF RIVERS

Issued at 8:53 AM on Friday the 21st of January 2011
by the Bureau of Meteorology, Brisbane.

Minor to moderate flooding should be expected downstream from Richmond along the Flinders River during the weekend. Moderate flood levels are possible at Rockfields along the Gilbert River today.

FLINDERS RIVER

Minor flooding continues at Richmond. Areas downstream to Walkers Bend will see fast river level rises during the weekend. River levels at Walkers Bend are not expected to reach minor flood level without further rainfall.

GILBERT RIVER

Heavy rainfall during the past 36 hours has caused fast river level rises along the Gilbert River at North Head and Rockfields with minor flooding. Further rises to moderate flood levels are possible at Rockfields today. River levels rises should be expected at downstream locations during Friday and through the weekend.

NORMAN RIVER

Minor flooding will continue along the Norman River from near Yappar River to Normanton through the weekend. Based on rainfall observed in the neighbouring

Gilbert catchment, river level rises maybe occurring along the Yappar and Clara Rivers.

GREGORY RIVER

Minor flooding is occurring along the Gregory River at Gregory Downs.

Next Issue:

The next warning will be issued by 10:30am Saturday.

Latest River Heights:

Gregory R at Riversleigh *	2.54m falling	08:00 AM FRI 21/01/11
Gregory R at Gregory Downs *	6.1m falling	08:00 AM FRI 21/01/11
Leichhardt R at Floraville *	2.48m falling	08:00 PM THU 20/01/11
Flinders R at Glendower *	3.09m falling	08:10 AM FRI 21/01/11
Flinders R at Richmond *	5.2m falling	08:00 AM FRI 21/01/11
Cloncurry R at Cloncurry *	0.9m steady	08:00 AM FRI 21/01/11
Julia Ck at Julia Ck *	1.1m steady	08:00 AM FRI 21/01/11
Flinders R at Etta Plains *	2.33m rising	08:00 AM FRI 21/01/11
Cloncurry R at Canobie Auto *	2.97m steady	08:00 AM FRI 21/01/11
Flinders R at Walkers Bend *	2.79m falling	08:00 AM FRI 21/01/11
Norman R near Yappar River	2.4m falling slowly	07:00 AM FRI 21/01/11
Norman R at Glenore Weir *	10.71m steady	08:00 AM FRI 21/01/11
Norman R at Normanton	3.1m rising slowly	07:00 AM FRI 21/01/11
Gilbert R at North Head	5.35m at peak	04:00 PM THU 20/01/11
Gilbert R at Green Hills	3.8m falling	06:00 AM FRI 21/01/11
Gilbert R at Riverview	3.6m falling	06:00 AM FRI 21/01/11
Gilbert R at Rockfields *	6.37m rising	04:00 AM FRI 21/01/11
Einasleigh R at Einasleigh *	8m falling	04:00 AM FRI 21/01/11
Elizabeth Ck at Mt Surprise*	2.32m falling	08:00 AM FRI 21/01/11
Routh Ck at Beef Road *	1.91m steady	11:00 PM THU 20/01/11
Etheridge R at Roseglen *	3.02m falling	08:00 AM FRI 21/01/11

*automatic station

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IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE GULF RIVERS

Issued at 9:40 AM on Saturday the 22nd of January 2011
by the Bureau of Meteorology, Brisbane.

Minor to moderate flooding should be expected downstream from Etta Plains along the Flinders River during the weekend.

FLINDERS RIVER

River levels are rising at Etta Plains. Areas downstream to Walkers Bend will

see fast river level rises during the weekend. River levels at Walkers Bend are not expected to reach minor flood level without further rainfall.

GILBERT RIVER

River levels are falling at Rockfields. River levels rises should be expected at downstream locations through the weekend.

NORMAN RIVER

Minor flooding will continue along the Norman River from near Yappar River to Normanton through the weekend. Based on rainfall observed in the neighbouring Gilbert catchment, river level rises maybe occurring along the Yappar and Clara Rivers.

Next Issue:

The next warning will be issued by 10:30am Sunday.

Latest River Heights:

Gregory R at Riversleigh *	1.97m steady	08:00 AM SAT 22/01/11
Gregory R at Gregory Downs *	3.85m falling	08:00 AM SAT 22/01/11
Leichhardt R at Doughboy Ck *	1.17m falling	08:00 AM SAT 22/01/11
Leichhardt R at Julius Dam *	0.26m steady	06:00 AM SAT 22/01/11
Leichhardt R at Miranda Creek *	2.3m falling	08:00 AM SAT 22/01/11
Gunpowder Ck at Gunpowder *	1.07m steady	08:00 AM SAT 22/01/11
Fiery Ck at The 16m Waterhole *	1.9m steady	08:00 AM SAT 22/01/11
Leichhardt R at Floraville *	2.33m steady	08:00 AM SAT 22/01/11
Porcupine Ck at Mt Emu Plains*	1.84m steady	04:00 AM SAT 22/01/11
Flinders R at Glendower *	2.77m falling	08:00 AM SAT 22/01/11
Flinders R at Richmond *	4.32m rising	08:00 AM SAT 22/01/11
Cloncurry R at Cloncurry *	0.87m steady	08:00 AM SAT 22/01/11
Julia Ck at Julia Ck *	1.16m steady	08:00 AM SAT 22/01/11
Dugald R at Rail Crossing *	0.81m steady	08:00 AM SAT 22/01/11
Williams R at Landsborough Highway*	0.69m steady	06:00 AM SAT 22/01/11
Flinders R at Etta Plains *	3.77m rising	08:00 AM SAT 22/01/11
Cloncurry R at Canobie Auto *	3.05m steady	08:00 AM SAT 22/01/11
Flinders R at Walkers Bend *	2.41m steady	08:00 AM SAT 22/01/11
Norman R near Yappar River	2.32m falling slowly	07:00 AM SAT 22/01/11
Norman R at Glenore Weir *	10.69m rising	08:00 AM SAT 22/01/11
Karumba tide *	1.61m falling	08:50 AM SAT 22/01/11
Gilbert R at Riverview	2.4m falling	06:00 AM SAT 22/01/11
Gilbert R at Rockfields *	5.47m falling	04:00 AM SAT 22/01/11
Copperfield R at Spanner Waterhole*	3.73m falling	08:30 AM SAT 22/01/11
Copperfield R at Kidston Dam TW *	3.26m falling	08:50 AM SAT 22/01/11
Einasleigh R at Einasleigh *	7.54m falling	04:00 AM SAT 22/01/11
Elizabeth Ck at Mt Surprise*	2.14m steady	08:00 AM SAT 22/01/11
Routh Ck at Beef Road *	1.72m steady	11:00 PM FRI 21/01/11
Etheridge R at Roseglen *	2.54m steady	08:00 AM SAT 22/01/11

*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::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE GULF RIVERS

Issued at 9:44 AM on Sunday the 23rd of January 2011
by the Bureau of Meteorology, Brisbane.

Fast river level rises are expected downstream along the Flinders River from Etta Plains during the next few days. Minor flooding is easing slowly in the Norman River in the Normanton area.

FLINDERS RIVER:

River levels rises are occurring at Etta Plains. Areas downstream to Walkers Bend will see fast river level rises during this week. River levels at Walkers Bend are not expected to reach minor flood level without further rainfall.

NORMAN RIVER:

Minor flooding continues to slowly ease along the Norman River from near Yappar River through to Normanton. Based on earlier rainfall observed in the neighbouring Gilbert catchment, river level rises may occur during the next few days along the Yappar and Clara Rivers.

GILBERT RIVER:

River levels are falling across the Gilbert River catchment during Sunday morning. River levels rises should be expected at downstream locations through the weekend.

Weather Forecast:

Scattered showers and isolated thunderstorms with local moderate to heavy falls.

Next Issue:

The next warning will be issued at about 10:30am Monday.

Latest River Heights:

Gregory R at Riversleigh *	1.83m steady	08:00 AM SUN 23/01/11
Gregory R at Gregory Downs *	2.54m falling	08:00 AM SUN 23/01/11
Fiery Ck at The 16m Waterhole *	1.88m falling	08:00 AM SUN 23/01/11
Leichhardt R at Floraville *	2.22m steady	08:00 AM SUN 23/01/11
Porcupine Ck at Mt Emu Plains*	1.79m steady	08:00 AM SUN 23/01/11
Flinders R at Glendower *	2.56m falling	08:10 AM SUN 23/01/11
Flinders R at Richmond	2.9m falling fast	09:00 AM SUN 23/01/11
Flinders R at Richmond *	3.7m falling	08:00 AM SUN 23/01/11
Cloncurry R at Cloncurry *	0.85m steady	08:00 AM SUN 23/01/11
Julia Ck at Julia Ck *	1.01m steady	08:00 AM SUN 23/01/11
Dugald R at Rail Crossing *	0.76m steady	08:00 AM SUN 23/01/11
Williams R at Landsborough Highway*	0.67m steady	06:00 AM SUN 23/01/11
Flinders R at Etta Plains *	5.56m rising	08:00 AM SUN 23/01/11
Cloncurry R at Canobie Auto *	3.02m falling	08:00 AM SUN 23/01/11
Flinders R at Walkers Bend *	2.25m falling	08:00 AM SUN 23/01/11
Norman R near Yappar River	2.2m falling slowly	07:00 AM SUN 23/01/11
Norman R at Glenore Weir *	10.53m steady	08:00 AM SUN 23/01/11

Norman R at Normanton	3.14m falling slowly	08:00 AM SUN 23/01/11
Karumba tide *	2.14m falling	05:50 AM SUN 23/01/11
Gilbert R at Riverview	2.1m falling	12:00 PM SAT 22/01/11
Gilbert R at Rockfields *	4.44m falling	08:00 AM SUN 23/01/11
Copperfield R at Kidston Dam HW *	36.49m steady	08:15 AM SUN 23/01/11
Einasleigh R at Einasleigh *	6.53m falling	04:00 AM SUN 23/01/11
Elizabeth Ck at Mt Surprise*	2.08m steady	08:00 AM SUN 23/01/11
Routh Ck at Beef Road *	1.55m steady	08:00 AM SUN 23/01/11
Etheridge R at Roseglen *	2.33m steady	08:00 AM SUN 23/01/11

* 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::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

FLOOD WARNING FOR THE GULF RIVERS

Issued at 10:24 AM on Monday the 24th of January 2011
by the Bureau of Meteorology, Brisbane.

Major flooding is occurring on Magnificent Creek at Kowanyama. Fast river level rises are expected downstream along the Flinders River from Etta Plains during the next few days. Minor flooding is easing slowly in the Norman River in the Normanton area.

FLINDERS RIVER:

River levels are expected to continue rising at Etta Plains for the next 1 to 2 days. Areas downstream to Walkers Bend will see fast river level rises during this week. River levels at Walkers Bend are not expected to reach the minor flood level.

NORMAN RIVER:

Minor flooding is slowly easing along the Norman River from near Yappar River to Normanton. River levels are now steady at Yappar River with small renewed rises expected in the next 1 to 2 days from rainfall which fell over upstream parts of the Yappar River late last week. River level rises may also be occurring on the Clara River.

GILBERT RIVER:

River levels across the Gilbert River catchment have eased below minor. River levels rises should be expected at downstream locations late this week and through the weekend.

Weather Forecast:

Isolated showers and thunderstorms.

Next Issue:

The next warning will be issued at about 10:30am Tuesday.

Latest River Heights:

Flinders R at Glendower *	2.47m steady	06:00 AM MON 24/01/11
Flinders R at Richmond *	2.88m falling	08:00 AM MON 24/01/11
Cloncurry R at Cloncurry *	0.82m steady	08:00 AM MON 24/01/11
Julia Ck at Julia Ck *	0.96m steady	08:00 AM MON 24/01/11
Flinders R at Etta Plains *	6.54m rising	08:00 AM MON 24/01/11
Cloncurry R at Canobie Auto *	2.88m steady	08:00 AM MON 24/01/11
Flinders R at Walkers Bend *	1.88m falling	08:00 AM MON 24/01/11
Norman R near Yappar River	2.15m steady	07:00 AM MON 24/01/11
Norman R at Glenore Weir *	10.3m falling	08:00 AM MON 24/01/11
Norman R at Normanton	3.01m falling slowly	07:00 AM MON 24/01/11
Karumba tide *	1.74m falling	09:10 AM MON 24/01/11
Gilbert R at Rockfields *	4.01m falling	04:00 AM MON 24/01/11
Copperfield R at Spanner Waterhole*	2.94m steady	08:00 AM MON 24/01/11
Copperfield R at Kidston Dam HW *	36.37m steady	08:00 AM MON 24/01/11
Copperfield R at Kidston Dam TW *	2.76m steady	08:00 AM MON 24/01/11
Einasleigh R at Einasleigh *	4.93m falling	04:00 AM MON 24/01/11
Elizabeth Ck at Mt Surprise*	2.04m steady	08:00 AM MON 24/01/11
Routh Ck at Beef Road *	1.46m steady	08:00 AM MON 24/01/11
Etheridge R at Roseglen *	2.19m steady	08:00 AM MON 24/01/11
Mitchell R at Cooktown Crossing *	5.31m falling	04:00 AM MON 24/01/11
Mitchell R at OK Bridge *	7.73m falling	08:10 AM MON 24/01/11
Mitchell R at Gamboola *	12.3m falling	08:20 AM MON 24/01/11
Palmer R at Goldfields *	2.78m falling	08:00 AM MON 24/01/11
Palmer R at Drumduff *	10.31m falling	08:30 AM MON 24/01/11
Mitchell R @ Koolatah *	11.48m falling	08:36 AM MON 24/01/11
Magnificent Ck at Kowanyama Airport	4.0m rising	09:20 AM MON 24/01/11

* 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::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE GULF RIVERS

Issued at 9:25 AM on Tuesday the 25th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flood levels continue along the Norman River from nr. the Yappar River to Normanton. River levels are expected to ease slowly over the coming days although there is a small possibility of rises from upstream catchment areas. The situation will continue to be monitored and warnings will start again if required. Along the Flinders River, river levels at Walkers Bend will rise but are not expected to reach minor flood levels.

Next Issue:

This is the final warning. River height bulletins will continue to be issued and

updates will appear in the Flood Warning Summary.

Latest River Heights:

Flinders R at Etta Plains *	7.05m rising	08:00 AM TUE 25/01/11
Cloncurry R at Canobie Auto *	2.79m steady	08:00 AM TUE 25/01/11
Flinders R at Walkers Bend *	2.04m rising	08:00 AM TUE 25/01/11
Norman R near Yappar River	2.15m steady	07:00 AM TUE 25/01/11
Norman R at Glenore Weir *	10.07m steady	08:00 AM TUE 25/01/11
Norman R at Normanton	2.9m falling slowly	07:00 AM TUE 25/01/11
Karumba tide *	2.01m falling	08:30 AM TUE 25/01/11
Gilbert R at Rockfields *	3.75m steady	06:00 AM TUE 25/01/11

*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::BOM601

IDQ20875

Australian Government Bureau of Meteorology
Queensland

FINAL FLOOD WARNING FOR THE GULF RIVERS
Issued at 9:46 AM on Tuesday the 25th of January 2011
by the Bureau of Meteorology, Brisbane.

Minor flood levels continue along the Norman River from nr. the Yappar River to Normanton. River levels are expected to ease slowly over the coming days although there is a small possibility of rises from upstream catchment areas. The situation will continue to be monitored and warnings will start again if required. Along the Flinders River, river levels at Walkers Bend will rise but are not expected to reach minor flood levels.

Next Issue:

This is the final warning. River height bulletins will continue to be issued.

Latest River Heights:

Flinders R at Etta Plains *	7.05m rising	08:00 AM TUE 25/01/11
Cloncurry R at Canobie Auto *	2.79m steady	08:00 AM TUE 25/01/11
Flinders R at Walkers Bend *	2.04m rising	08:00 AM TUE 25/01/11
Norman R near Yappar River	2.15m steady	07:00 AM TUE 25/01/11
Norman R at Glenore Weir *	10.07m steady	08:00 AM TUE 25/01/11
Norman R at Normanton	2.97m falling slowly	07:00 AM TUE 25/01/11
Karumba tide *	1.91m falling	09:10 AM TUE 25/01/11

*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.

