

**PEAK HEIGHT RECORDS
FOR
KEY WARREGO RIVER STATIONS**

BUREAU OF METEOROLOGY
PEAK FLOOD HEIGHTS : AUGATHELLA

Date	Time	Height (metres)	Date	Time	Height (metres)
1910		6.33	12/02/1976	0620	4.29
11/1924		4.42	24/03/1976	2340	5.40
15/12/1927	0900	3.89	11/03/1977	1200	5.13
14/02/1928		5.26	14/03/1977	0400	5.68
23/04/1928		5.11	17/05/1977	1750	4.79
04/04/1929		5.44	07/07/1978	1630	4.11
11/07/1933	1300	5.11	12/07/1978	1430	4.70
19/03/1936	1200	4.96	14/07/1978	1300	5.84
26/01/1941	0900	4.50	03/11/1978	1700	5.59
31/12/1942	1630	4.50	05/03/1979	1740	4.29
06/03/1949	0900	5.16	13/02/1980	0900	4.11
15/10/1949		5.16	02/02/1981	1200	3.75
29/07/1950	0700	5.82	03/06/1981	0300	6.20
26/11/1950	0900	6.35	05/03/1982	0900	4.50
13/02/1954		6.22	30/04/1983	1400	4.59
10/03/1955	2200	5.41	04/05/1983	1100	3.68
09/04/1955	1900	4.19	24/05/1983	2130	6.15
27/05/1955	1800	5.97	28/05/1983	0900	4.40
07/02/1956	1800	5.87	19/06/1983	1500	3.56
11/02/1956	0900	6.02	22/06/1983	2200	3.91
09/07/1956		5.56	30/01/1984	1700	4.75
19/02/1959	2130	5.11	01/02/1984	1900	5.98
19/02/1961	0000	4.04	29/07/1984	1300	4.60
15/01/1962	1300	4.19	10/12/1985	2100	3.40
18/01/1963	0500	5.11	02/12/1986	0900	3.45
30/03/1963	2200	6.02	29/03/1989	2100	4.80
04/04/1963	1300	5.34	03/04/1989	2100	4.50
05/04/1963	1300	5.56	25/04/1989	1500	5.56
05/03/1967	0000	4.19	06/03/1990	0900	3.40
08/01/1968	1000	4.22	31/03/1990	1600	5.80
15/01/1968	1700	4.36	06/04/1990	1400	5.70
10/12/1970	0200	6.15	12/04/1990	2300	6.10
27/12/1971	1400	4.45	16/04/1990	2130	5.60
19/01/1972	2400	5.32	20/04/1990	1600	7.30
15/01/1973	1330	3.93			
19/02/1973	1915	5.14			
09/01/1974	2100	3.29			
14/01/1974	1650	4.14			
14/01/1974	1800	4.26			
18/01/1974	0900	2.99			
30/01/1974	0430	5.65			
12/01/1975	1500	3.40			
26/02/1975	2330	4.02			
21/03/1975	0600	3.45			
28/03/1975	1520	4.82			
13/01/1976	0800	4.19			
14/01/1976	0630	4.46			
23/01/1976	0845	5.68			
24/01/1976	0620	4.68			
04/02/1976	0045	5.73			
04/02/1976	2130	5.71			

(Compiled from Bureau records with gauge heights referenced to current gauges.)

BUREAU OF METEOROLOGY

PEAK FLOOD HEIGHTS : BIDDENHAM

Date	Time	Height (metres)
26/05/1955		5.94
/05/1983		5.89
31/03/1990	0700	4.60
06/04/1990	1800	2.85
13/04/1990	0630	4.45
17/04/1990	0100	5.45
20/04/1990	1500	7.00

BUREAU OF METEOROLOGY

PEAK FLOOD HEIGHTS : THE 27 MILE GARDEN

Date	Time	Height (metres)
/04/1956		5.69
/12/1971		5.42
/03/1977		4.30
/06/1981		4.80
01/05/1983	2200	2.10
06/05/1983	0800	3.24
22/05/1983	2200	4.41
23/05/1983	2200	5.05
28/05/1983	1200	3.25
29/05/1983	1130	3.24
20/06/1983	0500	3.12
09/01/1984	2200	2.70
11/01/1984	0200	3.57
02/02/1984	0800	3.17
30/07/1984	1800	2.25
05/02/1986	1800	2.77
02/12/1986	1540	2.87
30/01/1987		2.32
08/06/1989	0900	2.30
31/03/1990	2200	4.70
07/04/1990	1400	3.55
11/04/1990	1500	3.95
14/04/1990	0200	4.65
20/04/1990		7.50

BUREAU OF METEOROLOGY
PEAK FLOOD HEIGHTS : CHARLEVILLE

Date	Time	Height (metres)	Date	Time	Height (metres)
1910		6.86	15/09/1970	1200	2.55
11/1924		5.92	12/12/1970	0430	4.93
25/12/1927	0900	2.90	30/01/1971	2000	2.29
06/04/1929		3.20	11/02/1971	1930	3.51
25/01/1930	2000	4.88	27/12/1971	1600	6.60
05/02/1930	0900	3.96	22/01/1972	0200	2.01
30/11/1931	0900	3.81	20/11/1972	1000	2.44
12/07/1933	0900	4.57	16/01/1974	2100	3.53
09/11/1933	1600	3.78	31/01/1974	0600	5.38
19/11/1933		5.72	26/08/1974	0000	4.00
02/12/1933	1500	4.60	20/03/1975	1300	3.30
31/01/1934	1500	3.73	27/12/1975	0900	2.10
04/03/1936	1900	3.46	02/01/1976		1.20
18/03/1936	2200	4.98	14/01/1976		3.45
14/02/1937		4.11	25/01/1976		3.20
16/03/1937	1200	3.68	07/02/1976	0000	4.10
07/01/1941	1200	4.88	13/02/1976	0300	2.05
13/01/1941	1100	4.95	14/02/1976	0800	2.47
26/01/1941	1700	4.42	18/02/1976	0800	2.05
23/03/1941	0030	3.91	27/03/1976	0900	3.43
11/04/1941	0330	4.83	23/02/1977	0900	1.55
22/01/1946		3.33	07/03/1977	0215	4.77
08/03/1949		3.18	11/03/1977	1900	5.21
26/03/1949	0900	5.49	26/01/1978	2100	2.90
16/10/1949	0400	6.20	05/07/1978	1500	3.60
28/07/1950	1630	5.59	11/07/1978	2200	4.76
10/10/1950	0900	3.76	31/08/1978	2100	3.35
27/11/1950	1300	6.43	05/09/1978	2100	3.50
01/02/1954	0900	6.27	11/09/1978	2100	2.30
18/10/1954	1600	5.64	25/10/1978	1330	2.65
25/01/1955	2200	3.25	06/11/1978	0800	3.20
25/02/1955	0000	4.01	18/10/1980	0900	3.55
02/05/1955	0000	4.47	02/04/1981	1550	4.18
11/05/1955	0800	4.93	01/06/1981	1200	5.88
28/05/1955	2200	5.79	02/06/1981	0800	5.74
09/02/1956	1600	6.53	05/03/1982	2100	2.95
22/03/1956	0900	4.83	07/03/1982	2100	3.70
31/03/1956	1300	6.25	03/05/1983	0000	2.98
03/04/1956	0900	6.96	07/05/1983	0300	3.92
14/05/1956	0200	3.84	23/05/1983	0800	5.92
09/07/1956	2100	4.93	24/05/1983	1500	6.13
19/02/1961	2200	5.16	20/06/1983	0600	3.84
17/01/1962	1400	4.70	12/01/1984	0300	4.25
30/12/1962	0000	4.09	03/02/1984	0900	3.94
12/01/1963	1300	6.38	05/02/1986	0600	4.84
20/01/1963	0200	3.76	03/12/1986	0930	3.70
01/04/1963	1200	6.05	08/04/1990	0730	4.40
07/04/1963	1700	5.11	11/04/1990	0800	5.20
09/03/1967	0900	2.57	14/04/1990	0900	5.24
08/01/1968	0900	2.82	18/04/1990	1500	5.45
30/04/1968	1500	4.75	21/04/1990	1430	8.20
21/03/1969	0500	4.04			
25/12/1969	1200	2.59			

(Compiled from Bureau records with gauge heights referenced to current gauges.)

BUREAU OF METEOROLOGY
PEAK FLOOD HEIGHTS : MT MORRIS

Date	Time	Height (metres)	Date	Time	Height (metres)
08/01/1962	1615	1.80	06/03/1977	0200	3.10
15/09/1970	1500	2.16	08/03/1977	1900	2.00
24/09/1970	1830	1.17	12/03/1977		3.30
13/11/1970	0630	1.19	14/03/1977	1500	3.60
27/12/1970	1300	1.07	15/05/1977	0900	2.05
30/12/1970	1730	1.57	24/01/1978	0600	2.15
16/01/1971	0500	2.18	26/01/1978	1900	1.40
19/01/1971	1400	1.17	03/07/1978	1800	1.70
02/02/1971	2100	1.88	11/07/1978	1130	3.15
09/02/1971	1100	1.88	07/11/1978		1.52
13/02/1971	1300	2.87	08/02/1979		2.60
20/02/1971	2100	1.35	20/02/1979		1.40
07/03/1971	0800	0.89	06/02/1980		1.50
01/11/1971	0100	0.84	12/03/1980		1.50
27/12/1971	0400	5.64	13/03/1980		2.80
06/01/1972	1700	1.89	05/02/1981		1.70
07/01/1972	1830	1.31	10/02/1981	1000	2.80
09/03/1972	2100	1.40	10/02/1981	2000	2.85
10/05/1972	1930	1.68	18/02/1981	0500	1.70
25/11/1972	1030	3.63	21/02/1981	0900	1.55
30/11/1972	1730	3.21	01/04/1981	2030	2.95
08/12/1972	1330	2.13	22/05/1981	1800	2.95
09/12/1972	1200	2.39	02/06/1981	2230	4.33
15/01/1973	1400	1.57	22/07/1981		1.66
08/02/1973	0715	2.90	25/07/1981		1.85
12/02/1973	0800	1.37	21/11/1981	0000	3.00
14/02/1973	2200	3.23	26/11/1981	0500	3.10
17/02/1973	1000	4.89	05/12/1981		1.95
19/02/1973	1200	5.26	14/12/1981	2000	1.50
26/09/1973	0400	2.44	16/01/1982	2100	2.20
28/11/1973	1500	2.67	03/03/1982	0900	3.00
03/01/1974	0900	2.11	05/03/1982	1030	3.82
07/01/1974	0700	3.68	07/03/1982	0745	3.64
10/01/1974		2.82	10/03/1982	1730	2.50
14/01/1974	2300	3.58	15/03/1982	0900	3.05
16/01/1974		3.30	24/04/1983	1115	1.04
31/01/1974	0000	4.19	04/05/1983	2120	1.98
04/01/1975	2000	3.81	23/05/1983	0755	4.24
24/02/1975	2100	1.89	29/05/1983	0935	4.19
18/03/1975	1300	1.37	19/06/1983	1700	2.92
21/12/1975	0500	2.00	23/11/1983	0800	1.79
26/12/1975	1800	4.50	29/11/1983	2200	2.02
01/01/1976	0900	2.03	30/12/1983		1.60
26/01/1976	1200	1.60	04/01/1984	0900	3.92
05/02/1976	1500	4.25	08/01/1984	1200	3.10
17/02/1976	0900	2.80	10/01/1984	0900	2.10
27/02/1976	1300	1.19	18/01/1984	1200	3.89
25/03/1976	0000	1.37	23/01/1984	0800	3.03
26/03/1976	1300	1.90	18/11/1985		1.91
16/09/1976	0100	0.99	05/02/1986	1200	3.86
14/11/1976	1800	2.90	02/01/1987	0200	3.15
24/12/1976	2045	2.45	28/01/1987	0600	3.91
23/02/1977	0100	3.95	18/03/1989	2000	4.57
27/02/1977	2200	3.10	03/04/1989	0700	3.96

(Compiled from Bureau records with gauge heights referenced to current gauges.)

BUREAU OF METEOROLOGY

PEAK FLOOD HEIGHTS : MT MORRIS

Date	Time	Height (metres)
10/05/1989	0900	3.09
15/05/1989	2100	2.72
28/05/1989	1200	3.27
08/06/1989		3.22
20/04/1990		5.30

(Compiled from Bureau records with gauge heights referenced to current gauges.)

BUREAU OF METEOROLOGY

PEAK FLOOD HEIGHTS : MURWEH

Date	Time	Height (metres)	Date	Time	Height (metres)
11/02/1956	0900	8.94	10/01/1972	0600	2.81
22/03/1956	0900	7.47	25/01/1972	0500	1.52
15/05/1956	1600	4.72	14/02/1973	0400	2.50
11/07/1956	0900	6.86	22/02/1973	0400	9.58
01/02/1959	0900	3.86	09/01/1974	0900	4.65
30/03/1959	2100	3.00	12/01/1974	0600	6.17
07/04/1959	1600	4.65	18/01/1974	1800	5.49
06/01/1961		2.44	02/02/1974	0600	6.54
21/02/1961	1600	6.20	02/05/1974	0900	1.22
24/04/1961	1100	3.40	28/08/1974	1800	2.08
19/01/1962	0540	6.63	08/01/1975	1630	1.52
11/03/1962	0700	4.11	10/01/1975	2300	2.57
01/01/1963	1800	4.72	15/02/1975	0700	1.25
14/01/1963	0300	7.54	18/02/1975	1900	2.70
21/01/1963	1200	5.00	23/03/1975	0700	2.95
02/04/1963	1800	9.53	02/04/1975	0600	2.71
08/04/1963	2100	7.24	24/12/1975	0930	1.90
05/04/1964	0500	4.88	29/12/1975	0900	6.81
19/12/1965	0500	2.63	05/01/1976	0900	2.80
10/01/1966	2200	4.84	17/01/1976	1900	3.70
02/03/1967	1200	2.93	27/01/1976	0600	4.40
05/03/1967	2345	3.81	08/02/1976	0000	6.78
11/03/1967	1800	4.57	13/02/1976	0900	5.03
02/01/1968	0900	1.37	01/03/1976	0900	3.21
04/01/1968	0600	1.52	29/03/1976	1800	3.28
10/01/1968	1000	2.74	14/05/1976	2200	1.60
20/01/1968	1700	2.34	14/03/1977	2100	7.50
23/02/1968	0400	3.23	22/05/1977	0500	2.70
02/05/1968	1600	5.40	03/06/1977	2200	1.80
22/01/1969	1900	1.04	05/06/1977	1700	1.65
27/01/1969	0700	1.27	29/01/1978	1800	1.85
24/12/1969	2000	1.82	07/07/1978	0300	3.65
29/12/1969	0900	2.95	14/07/1978	0100	5.94
04/02/1970	0900	3.35	03/09/1978	0900	3.21
27/02/1970	1800	1.14	07/09/1978	1230	3.72
01/03/1970	1900	1.37	13/09/1978	1400	2.30
17/03/1970	1600	2.83	28/10/1978	0600	2.24
17/09/1970	2200	2.82	06/11/1978	1800	1.75
13/12/1970	1800	4.50	08/11/1978	0900	2.70
23/12/1970	0100	2.50	11/02/1979	1600	3.31
02/01/1971	1100	1.52	24/02/1979	0600	2.74
23/01/1971	0600	1.37	08/03/1979	1600	2.44
25/01/1971	0100	1.50	19/11/1985	0900	2.25
25/01/1971	1100	1.50	14/12/1985	2000	3.05
03/02/1971	1000	3.25	07/02/1986	1600	6.45
08/02/1971	0900	1.96	05/12/1986	1830	2.85
13/02/1971	0500	2.82	01/02/1987		4.78
21/02/1971	2200	3.21	21/02/1987	0900	3.40
21/02/1971	1000	3.21	22/03/1989	2200	5.50
08/03/1971	0900	1.52	04/04/1989	2100	3.35
11/03/1971	2100	1.45	07/04/1989	2200	3.98
18/09/1971	1600	1.42	27/04/1989	0000	5.75
29/12/1971	1800	10.34	14/05/1989	0900	4.60

(Compiled from Bureau records with gauge heights referenced to current gauges.)

BUREAU OF METEOROLOGY

PEAK FLOOD HEIGHTS : MURWEH

Date	Time	Height (metres)
18/05/1989	0600	6.20
30/05/1989	1600	5.58
09/06/1989	2200	3.98
17/12/1989	1500	2.40
07/03/1990		2.85
03/04/1990	1500	6.89
10/04/1990	2100	5.25
13/04/1990	2100	7.57
15/04/1990	2100	7.40
19/04/1990	2100	7.60
22/04/1990	2100	11.20

BUREAU OF METEOROLOGY

PEAK FLOOD HEIGHTS : WYANDRA

Date	Time	Height (metres)	Date	Time	Height (metres)
1910		9.89	06/03/1967	1600	4.35
11/1924		6.90	12/03/1967	1500	4.97
26/01/1927		4.84	23/02/1968	0900	3.80
27/12/1927		5.63	03/05/1968	0900	5.55
18/02/1928		5.02	05/02/1970	0000	3.97
29/01/1930	0200	7.25	04/02/1971	0900	3.80
07/04/1931	1700	5.30	22/02/1971	1800	4.00
14/07/1933	0900	5.83	30/12/1971	1200	9.51
21/11/1933	0900	6.18	22/02/1973	1600	8.91
04/12/1933	0900	4.63	09/01/1974	1800	5.33
03/12/1934	0900	4.48	09/01/1974	1800	5.24
06/03/1936	0900	5.50	12/01/1974	1900	6.20
20/03/1936	1700	6.46	12/01/1974	1900	6.20
16/02/1937		4.41	02/02/1974	2000	6.48
18/03/1937	2200	4.79	03/02/1974	2000	5.92
28/01/1938		5.47	30/12/1975	0700	6.63
03/03/1939	0930	4.23	18/01/1976	0900	4.35
05/02/1940	0000	5.22	28/01/1976	2300	5.03
05/03/1940	2200	4.56	08/02/1976	2000	6.56
09/01/1941	1700	6.79	13/02/1976	2000	4.41
15/01/1941	0800	7.28	28/02/1977	2000	2.36
28/01/1941	0900	6.74	15/03/1977	0700	7.02
25/01/1946	1130	4.86	14/07/1978	0900	5.80
18/01/1949	1000	8.22	08/09/1978	0900	4.03
10/03/1949	1100	4.89	09/11/1978	0900	3.25
29/03/1949	0800	8.42	22/10/1980	0900	4.35
24/01/1950	0900	5.22	05/04/1981	0900	4.85
03/04/1950	1600	4.43	04/06/1981	2100	8.29
09/04/1950	1700	5.52	11/03/1982	0900	4.95
13/04/1950	0900	5.32	08/05/1983	0900	4.33
31/07/1950	0800	8.68	26/05/1983	2000	8.65
29/11/1950	1200	7.61	08/02/1986	2135	6.40
24/01/1954	0900	4.81	02/02/1987	1300	5.00
18/02/1954	1500	8.34	24/03/1989	0200	5.81
20/10/1954	2100	6.24	08/04/1989	0330	4.51
28/02/1955	1900	6.64	27/04/1989	0900	5.61
13/04/1955	0900	5.32	18/05/1989	2150	6.12
04/05/1955	0900	5.09	31/05/1989	0900	5.64
30/05/1955	1900	7.81	04/04/1990	0900	6.54
11/02/1956	1700	8.16	14/04/1990	0700	7.18
24/03/1956	0000	7.00	16/04/1990	2100	7.08
04/04/1956	0830	9.26	20/04/1990	1200	7.30
12/07/1956	0830	6.54	23/04/1990	1200	10.00
08/04/1959	0900	5.03			
22/02/1961	0900	6.16			
03/03/1961	0900	4.41			
19/01/1962	1600	6.49			
19/01/1962	1600	6.49			
12/03/1962		4.63			
02/01/1963	1000	4.97			
15/01/1963	0100	7.12			
03/04/1963		8.75			
11/01/1966	1700	5.14			

(Compiled from Bureau records with gauge heights referenced to current gauges.)

NOTE ON PEAK FLOOD HEIGHTS FOR CUNNAMULLA

During the period 1924 to 1984, flood heights for Cunnamulla were taken from gauges located about 0.7 kilometres upstream from the road bridge. Since August 1984, river readings are from new gauges located adjacent to the road bridge. Readings from the new site are about 0.20 metres lower than those from the old gauges.

Previous records of peak flood heights for Cunnamulla (taken prior to 1984) have been adjusted to the new gauges, and the adjusted readings are given in the attached table.

River height predictions for Cunnamulla in future floods will be for the new gauges at the road bridge, and the attached flood records will be useful for comparing predictions with known past floods.

BUREAU OF METEOROLOGY

PEAK FLOOD HEIGHTS : CUNNAMULLA

Date	Time	Height (metres)	Date	Time	Height (metres)
1890		9.45	14/07/1956	0900	8.00
11/1924		8.10	10/04/1959	1630	5.94
28/01/1927		5.26	24/02/1961	1600	7.19
28/12/1927	1700	7.31	06/03/1961	0900	5.05
20/02/1928		6.25	21/01/1962	1700	7.72
30/04/1928		4.98	14/03/1962	0900	5.18
11/04/1929		4.75	17/01/1963	0900	8.48
30/01/1930	1700	8.89	05/04/1963	0400	9.83
09/04/1931	0900	5.43	11/04/1963	1600	8.43
12/12/1931	1700	6.96	09/04/1964	0400	5.51
16/07/1933	0900	7.26	14/01/1966	1100	5.84
08/10/1933	0900	4.60	09/03/1967	0000	5.41
15/11/1933	0900	4.37	14/03/1967	1700	5.87
23/11/1933	1700	7.77	15/01/1968	0900	3.84
06/12/1933	1800	5.56	26/02/1968	0900	4.17
05/02/1934	1700	5.46	05/05/1968	2200	6.34
13/01/1936	0900	4.42	17/12/1970	0700	4.91
08/03/1936	1300	6.65	06/02/1971	0900	3.91
22/03/1936	1300	8.03	01/01/1972	0600	10.01
19/02/1937	0930	4.83	03/12/1972	1230	4.78
22/03/1937	1100	5.33	06/12/1972	0900	5.82
06/03/1939	0900	4.83	24/02/1973	0700	9.88
20/03/1939	1700	5.18	15/01/1974	0000	7.39
07/02/1940	1700	6.20	04/02/1974	2200	7.57
08/03/1940	1030	5.23	01/01/1976		7.54
10/01/1941	0900	9.19	03/01/1976	2100	6.20
17/01/1941	0900	8.99	20/01/1976	2100	5.00
26/01/1941	0900	6.20	30/01/1976	0900	5.55
29/01/1941	1700	8.46	11/02/1976	0600	7.80
26/03/1941	0900	5.23	15/02/1976	0900	6.62
16/12/1942	0900	4.98	31/03/1976	0900	3.48
03/03/1945	1700	6.81	17/03/1977	2300	8.09
26/01/1946		5.97	17/07/1978	0900	6.70
19/02/1947		4.67	11/11/1978	0900	3.38
26/02/1947		4.00	27/02/1979	0900	3.60
12/03/1949	1600	6.12	24/10/1980	2100	4.74
31/03/1949	0330	9.75	07/06/1981	0000	9.57
20/10/1949	0900	9.70	13/03/1982	0900	6.20
25/01/1950	1700	6.63	11/05/1983	0900	5.10
11/04/1950	0900	6.98	28/05/1983	2100	9.93
23/07/1950	1600	6.10	11/02/1986	1200	7.00
02/08/1950	0700	9.87	04/02/1987	2100	5.95
01/12/1950	2200	8.97	26/02/1987	0900	4.80
29/01/1954		4.93	08/04/1987	0900	5.43
20/02/1954	1600	9.80	26/03/1989	1530	6.25
23/10/1954	0900	7.11	11/04/1989	0900	5.15
02/03/1955	1600	7.95	29/04/1989	2100	6.40
15/04/1955	1600	6.20	14/05/1989	0900	7.75
06/05/1955	1800	6.04	02/06/1989	2100	7.15
02/06/1955		9.07	13/06/1989	0900	5.57
13/02/1956		9.55	07/04/1990	0600	8.15
25/03/1956	1600	8.64	16/04/1990	2100	8.65
07/04/1956	1300	10.13	19/04/1990	0900	9.10
18/05/1956	1600	5.97	25/04/1990	1700	10.15

(Compiled from Bureau records with gauge heights referenced to current gauges.)

**FLOOD WARNING POLICY
AND
FLOOD WARNING CONSULTATIVE COMMITTEE**

FLOOD WARNING CONSULTATIVE COMMITTEE (FWCC)

The FWCC comprises:

- * Bureau of Meteorology Director (Queensland) Chair, and representatives of the Bureau's Regional Office and Head Office
- * representatives of the Water Resources Commission
- * representatives of the State Emergency Service
- * a representative of the Local Government Association.

Its Terms of Reference are to:

- * identify requirements for new and upgraded flood forecasting and warning systems;
- * establish priorities of the requirements;
- * coordinate the development of a five year plan for submission to
 - the Bureau of Meteorology and participating Government agencies, for
 - consideration and approval within budgetary and other constraints;
- * coordinate the detailed design and implementation of flood warning systems in accordance with the approved plan;
- * monitor and review the performance of flood warning services.

Annual Report

The Committee reports to the Bureau of Meteorology annually or more frequently as required.

Frequency of Meetings

The Committee meets at least twice each year, and schedules one of its meetings so that budgetary proposals for the coming year can be finalised to meet Commonwealth and State budget timetables.

Contact with the Committee

The Bureau of Meteorology provides the secretariat for the Committee and members of the Committee act as the focal point for correspondence and other matters relating to the Committee.

Correspondence can be directed to:

The Flood Warning Consultative Committee
Bureau of Meteorology
GPO Box 413, Brisbane, Q 4001.

COMMONWEALTH POLICY ON FLOOD WARNING SERVICES

NEW ARRANGEMENTS ANNOUNCED 1987

ESSENTIAL CONSIDERATIONS

1. An effective flood forecasting and warning system for Australia in the future will require the involvement of all three levels of Government (Commonwealth, State and Local Government)
2. The Bureau of Meteorology will continue to be the lead agency.
3. The arrangements for cost sharing between the Commonwealth and State/Local Government should be equitable and easily administered.
4. The Bureau should have a more supportive role in relation to "flash flood" situations with the State/Local Government bearing the capital costs of field equipment.

THE FUTURE BUREAU OF METEOROLOGY ROLE

In respect of:

- i) Existing systems:
The Bureau will continue to meet the full costs of operating the existing Flood Warning Centres in Brisbane and other capitals.
- ii) development of future (non-flash flood) systems:
The Bureau will share the costs of developing, maintaining, and upgrading rainfall and river height networks with State/Local Government agencies. In general the Bureau will have responsibility for the rainfall networks and State/Local agencies will have responsibility for river height networks.
- iii) flash-flood forecasting: The Bureau's role will be to maintain a central source of expertise and development capability and to provide assistance to State and Local Government agencies in the form of:
 - * advice on site location of equipment and training in its installation;
 - * stream flood simulation models for the basins concerned;
 - * software necessary for data acquisition and display;
 - * meteorological forecasts;
 - * training in the use of local base station equipment and forecast advisory services;
 - * system monitoring and forecast model calibration as required.

THE PROPOSED ROLE OF STATE AND LOCAL GOVERNMENT

In respect of :

- i) existing and future non-flash flood systems:
To share the costs of developing, monitoring and upgrading rainfall and river height networks with the Bureau. In general, the State and local agencies will have responsibility for the river height networks and the Bureau will have responsibility for the rainfall networks.
- ii) flash flood forecasting systems:
Purchase of field equipment and local base station equipment;
installation and maintenance of the equipment;
development of a flood response plan.

Cost-sharing between the Bureau and State/Local Government agencies will be based on the following principles and guidelines:

- i) the Bureau's responsibilities for rainfall will include data collection and storage, purchase, installation and maintenance of the equipment (including communications equipment); observer allowances; and data transmission costs;
- ii) State/Local Government responsibility for river height will include data collection and storage; purchase; installation and maintenance of equipment; observer allowances; and data transmission costs;
- iii) in circumstances where the parties agree that a more effective and efficient service can be provided by the State/Local Government undertaking what would otherwise be a Bureau function, then such arrangements should be formally ratified and implemented.

**KEY FLOOD WARNINGS ISSUED
DURING APRIL 1990**

QLD HYDROLOGY SECTION FLOOD WARNINGS - 1/ 4/90 TO 30/ 4/90

FLOODWARNINGS ISSUED IN APRIL 1990

Page: 1

Date: 4/ 6/90

Date	Time		Warning Title	Degree	Forecasts
21/ 4/90	0945	INITIAL	MACINTYRE BROOK AND DUMARESQ RIVER	MIN	1
21/ 4/90	1630	FINAL	MACINTYRE BROOK AND DUMARESQ RIVER	MIN	0
22/ 4/90	1115	RENEWAL	DUMARESQ AND MACINTYRE RIVERS	MOD	1
22/ 4/90	1730	RENEWAL	DUMARESQ AND MACINTYRE RIVERS	MOD	1
22/ 4/90	2145	RENEWAL	DUMARESQ AND MACINTYRE RIVERS	MOD	1
23/ 4/90	0815	RENEWAL	DUMARESQ AND MACINTYRE RIVERS	MAJ	2
23/ 4/90	1625	RENEWAL	DUMARESQ AND MACINTYRE RIVERS	MOD	2
24/ 4/90	1020	RENEWAL	MACINTYRE RIVER	MOD	1
25/ 4/90	1115	RENEWAL	MACINTYRE RIVER	MOD	2
26/ 4/90	1100	RENEWAL	MACINTYRE RIVER	MOD	2
27/ 4/90	1045	RENEWAL	MACINTYRE RIVER	MOD	2
28/ 4/90	1015	RENEWAL	MACINTYRE RIVER	MOD	1
29/ 4/90	1000	RENEWAL	MACINTYRE RIVER	MIN	1
30/ 4/90	1015	FINAL	MACINTYRE RIVER	MOD	1
5/ 4/90	0830	INITIAL	BREMER RIVER AND WARRILL CREEK	MOD	0
5/ 4/90	1045	INITIAL	OXLEY CREEK	MIN	0
5/ 4/90	1215	RENEWAL	BREMER RIVER AND WARRILL CREEK	MAJ	0
5/ 4/90	1230	RENEWAL	OXLEY CREEK	MOD	0
5/ 4/90	1545	RENEWAL	OXLEY CREEK	MOD	0
5/ 4/90	1615	RENEWAL	BREMER RIVER AND WARRILL CREEK	MAJ	1
5/ 4/90	1900	FINAL	OXLEY CREEK	MOD	0
5/ 4/90	2200	RENEWAL	BREMER RIVER AND WARRILL CREEK	MAJ	1
6/ 4/90	1030	RENEWAL	BREMER RIVER AND WARRILL CREEK	MAJ	0
6/ 4/90	1550	RENEWAL	BREMER RIVER AND WARRILL CREEK	MOD	0
7/ 4/90	1100	FINAL	BREMER RIVER AND WARRILL CREEK	MOD	0
21/ 4/90	1000	INITIAL	BREMER RIVER AND WARRILL CREEK	MOD	0
21/ 4/90	1615	RENEWAL	BREMER RIVER AND WARRILL CREEK	MOD	1
22/ 4/90	0930	FINAL	BREMER RIVER AND WARRILL CREEK	MIN	0
19/ 4/90	1215	INITIAL	UPPER REACHES OF THE BELYANDO RIVER	MAJ	0
20/ 4/90	1200	RENEWAL	BELYANDO RIVER	MAJ	0
21/ 4/90	1230	RENEWAL	BELYANDO RIVER	MAJ	0
22/ 4/90	1200	RENEWAL	BELYANDO RIVER	MAJ	0
23/ 4/90	1100	RENEWAL	BELYANDO RIVER	MAJ	0
24/ 4/90	1100	RENEWAL	BELYANDO RIVER	MAJ	0
25/ 4/90	1145	RENEWAL	BELYANDO RIVER	MAJ	0
26/ 4/90	1145	RENEWAL	BELYANDO RIVER	MAJ	0
27/ 4/90	1045	RENEWAL	BELYANDO RIVER	MAJ	0
28/ 4/90	1045	RENEWAL	BELYANDO RIVER	MAJ	0
29/ 4/90	1015	RENEWAL	BELYANDO RIVER	MAJ	1
30/ 4/90	1015	RENEWAL	LOWER BELYANDO AND SUTTOR RIVERS	MOD	0
11/ 4/90	1130	INITIAL	BALONNE AND MARANOA AND TRIBUTARIES	MAJ	2
12/ 4/90	1130	RENEWAL	BALONNE AND MARANOA RIVERS AND TRIBUTARI	MAJ	2
13/ 4/90	1115	RENEWAL	BALONNE AND MARANOA RIVERS	MAJ	1
14/ 4/90	1030	RENEWAL	BALONNE AND MARANOA RIVERS	MAJ	1

QLD HYDROLOGY SECTION FLOOD WARNINGS - 1/ 4/90 TO 30/ 4/90

FLOODWARNINGS ISSUED IN APRIL 1990

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Date: 4/ 6/90

Date	Time		Warning Title	Degree	Forecast
15/ 4/90	1130	RENEWAL	BALONNE AND MARANOA RIVERS	MOD	2
16/ 4/90	1030	RENEWAL	BALONNE RIVER	MAJ	2
17/ 4/90	1100	RENEWAL	BALONNE RIVER	MAJ	1
18/ 4/90	1145	RENEWAL	BALONNE RIVER	MAJ	2
19/ 4/90	1135	RENEWAL	BALONNE RIVER	MAJ	2
20/ 4/90	1100	RENEWAL	MARANOA AND BALONNE RIVERS	MAJ	2
20/ 4/90	1700	RENEWAL	MARANOA AND BALONNE RIVERS	MAJ	2
21/ 4/90	1130	RENEWAL	MARANOA AND BALONNE RIVERS	MAJ	2
22/ 4/90	1110	RENEWAL	MARANOA AND BALONNE RIVERS	MAJ	2
22/ 4/90	1400	PRIORITY	MARANOA AND BALONNE RIVERS, & MUNGALLALA	MAJ	1
22/ 4/90	1650	PRIORITY	MARANOA AND BALONNE RIVERS, AND MUNGALLA	MAJ	3
22/ 4/90	2145	RENEWAL	MARANOA AND BALONNE RIVERS, AND MUNGALLA	MAJ	2
23/ 4/90	0700	PRIORITY	MARANOA AND BALONNE RIVERS (RENEWAL)	MAJ	2
23/ 4/90	1250	PRIORITY	MARANOA AND BALONNE RIVERS	MAJ	1
23/ 4/90	1640	PRIORITY	MARANOA AND BALONNE RIVERS	MAJ	1
24/ 4/90	1115	PRIORITY	MARANOA AND BALONNE RIVERS	MAJ	2
25/ 4/90	1045	RENEWAL	BALONNE RIVER	MAJ	2
26/ 4/90	1130	RENEWAL	BALONNE RIVER	MAJ	2
27/ 4/90	1145	RENEWAL	LOWER BALONNE RIVER	MAJ	1
28/ 4/90	1030	RENEWAL	LOWER BALONNE RIVER	MAJ	1
29/ 4/90	0950	RENEWAL	LOWER BALONNE RIVER	MOD	1
30/ 4/90	1100	RENEWAL	LOWER BALONNE RIVER	MAJ	1
2/ 4/90	1145	INITIAL	UPPER THOMSON AND BARCOO RIVERS	MOD	0
3/ 4/90	1145	RENEWAL	UPPER THOMSON AND BARCOO RIVERS	MOD	0
4/ 4/90	1140	RENEWAL	THOMSON AND BARCOO RIVERS	MOD	1
5/ 4/90	1115	RENEWAL	THOMSON AND BARCOO RIVERS	MAJ	0
6/ 4/90	1130	RENEWAL	COOPER CREEK, THOMSON AND BARCOO RIVERS	MAJ	0
7/ 4/90	1030	RENEWAL	COOPER CREEK, THOMSON AND BARCOO RIVERS	MAJ	0
8/ 4/90	1045	RENEWAL	COOPER CREEK, THOMSON AND BARCOO RIVERS	MAJ	0
9/ 4/90	1145	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
10/ 4/90	1130	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	0
11/ 4/90	1145	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
12/ 4/90	1200	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
13/ 4/90	1145	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
14/ 4/90	1110	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
15/ 4/90	1200	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
16/ 4/90	1145	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
17/ 4/90	1215	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
18/ 4/90	1130	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
19/ 4/90	1200	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	0
20/ 4/90	1100	RENEWAL	THOMSON AND BARCOO RIVERS AND COOPER CRE	MAJ	1
20/ 4/90	1645	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	1
21/ 4/90	1145	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	1
22/ 4/90	1145	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	0
23/ 4/90	1210	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	0
24/ 4/90	1150	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	1

QLD HYDROLOGY SECTION FLOOD WARNINGS - 1/ 4/90 TO 30/ 4/90

FLOODWARNINGS ISSUED IN APRIL 1990

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Date: 4/ 6/90

Date	Time		Warning Title	Degree	Forecast
25/ 4/90	1215	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	2
26/ 4/90	1145	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	1
27/ 4/90	1115	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	1
28/ 4/90	1115	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	1
29/ 4/90	1100	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	0
30/ 4/90	1130	RENEWAL	THOMSON AND BARCOO RIVERS, AND COOPER CR	MAJ	0
1/ 4/90	1215	RENEWAL	LOWER ISAAC & MACKENZIE RIVERS, PLUS UPP	MIN	1
2/ 4/90	1215	RENEWAL	UPPER DAWSON RIVER	MOD	0
3/ 4/90	1030	RENEWAL	UPPER DAWSON RIVER	MOD	0
4/ 4/90	1045	FINAL	UPPER DAWSON RIVER	MIN	0
19/ 4/90	1250	INITIAL	CONNORS AND LOWER ISAAC RIVERS	MAJ	0
20/ 4/90	1150	RENEWAL	MACKENZIE RIVER & TRIBUTARIES, AND UPPER	MAJ	0
21/ 4/90	1200	RENEWAL	MACKENZIE RIVER AND TRIBUTARIES, AND UPP	MAJ	0
22/ 4/90	1230	RENEWAL	MACKENZIE RIVER AND TRIBUTARIES, AND UPP	MAJ	0
23/ 4/90	1100	RENEWAL	MACKENZIE RIVER AND TRIBUTARIES, AND DAW	MAJ	0
24/ 4/90	1045	RENEWAL	MACKENZIE RIVER AND TRIBUTARIES, AND DAW	MAJ	0
25/ 4/90	1130	RENEWAL	MACKENZIE AND DAWSON RIVERS	MOD	1
26/ 4/90	1100	RENEWAL	MACKENZIE AND DAWSON RIVERS	MOD	1
26/ 4/90	1100	RENEWAL	MACKENZIE AND DAWSON RIVERS	MIN	1
27/ 4/90	1100	RENEWAL	MACKENZIE AND DAWSON RIVERS	MOD	2
28/ 4/90	1115	RENEWAL	MACKENZIE AND DAWSON RIVERS	MOD	1
29/ 4/90	1045	RENEWAL	MACKENZIE AND DAWSON RIVERS	MOD	1
30/ 4/90	1045	RENEWAL	MACKENZIE AND LOWER DAWSON RIVERS	MOD	0
20/ 4/90	1215	INITIAL	FLINDERS RIVER	MAJ	0
21/ 4/90	1215	RENEWAL	FLINDERS RIVER	MAJ	0
22/ 4/90	1215	RENEWAL	FLINDERS RIVER	MOD	0
23/ 4/90	1115	FINAL	FLINDERS RIVER	MOD	0
5/ 4/90	0800	INITIAL	LOGAN AND ALBERT RIVERS	MOD	0
5/ 4/90	1115	RENEWAL	LOGAN AND ALBERT RIVERS	MOD	0
5/ 4/90	1700	RENEWAL	LOGAN AND ALBERT RIVERS	MOD	1
5/ 4/90	2130	RENEWAL	LOGAN AND ALBERT RIVERS	MOD	1
6/ 4/90	0745	RENEWAL	LOGAN AND ALBERT RIVERS	MOD	1
6/ 4/90	1100	RENEWAL	LOGAN AND ALBERT RIVERS	MIN	1
6/ 4/90	1545	RENEWAL	LOGAN AND ALBERT RIVERS	MOD	0
7/ 4/90	1045	RENEWAL	LOGAN AND ALBERT RIVERS	MIN	0
8/ 4/90	1100	FINAL	LOGAN AND ALBERT RIVERS	MIN	0
1/ 4/90	1100	INITIAL	PAROO AND BULLOO RIVERS	MOD	0
2/ 4/90	1145	RENEWAL	PAROO AND BULLOO RIVERS	MOD	0
3/ 4/90	1030	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
4/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
5/ 4/90	1015	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
6/ 4/90	1015	RENEWAL	PAROO AND BULLOO RIVERS	MOD	0
7/ 4/90	1000	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0

QLD HYDROLOGY SECTION FLOOD WARNINGS - 1/ 4/90 TO 30/ 4/90

FLOODWARNINGS ISSUED IN APRIL 1990

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Date: 4/ 6/90

Date	Time		Warning Title	Degree	Forecast
8/ 4/90	1030	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
9/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
10/ 4/90	1030	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
11/ 4/90	1045	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
12/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
13/ 4/90	1045	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
14/ 4/90	1210	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
15/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
16/ 4/90	1110	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
17/ 4/90	1140	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
18/ 4/90	1200	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
19/ 4/90	1115	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
20/ 4/90	1145	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
21/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
22/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
23/ 4/90	1030	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
24/ 4/90	1030	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
25/ 4/90	1145	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	1
26/ 4/90	1115	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
27/ 4/90	1115	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
28/ 4/90	1030	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
29/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
30/ 4/90	1100	RENEWAL	PAROO AND BULLOO RIVERS	MAJ	0
2/ 4/90	1100	INITIAL	WARREGO RIVER	MOD	0
3/ 4/90	1100	RENEWAL	WARREGO RIVER	MOD	0
4/ 4/90	1115	RENEWAL	WARREGO RIVER	MIN	1
5/ 4/90	1145	RENEWAL	WARREGO RIVER	MOD	1
7/ 4/90	1015	RENEWAL	WARREGO RIVER	MOD	0
8/ 4/90	1015	RENEWAL	WARREGO RIVER	MOD	0
9/ 4/90	1130	RENEWAL	WARREGO RIVER	MOD	0
10/ 4/90	1100	RENEWAL	WARREGO RIVER	MOD	0
11/ 4/90	1100	RENEWAL	WARREGO RIVER	MAJ	0
12/ 4/90	1130	RENEWAL	WARREGO RIVER	MAJ	0
13/ 4/90	1015	RENEWAL	WARREGO RIVER	MOD	1
14/ 4/90	1145	RENEWAL	WARREGO RIVER	MOD	2
15/ 4/90	1015	RENEWAL	WARREGO RIVER	MOD	1
16/ 4/90	1050	RENEWAL	WARREGO RIVER	MOD	0
17/ 4/90	1115	RENEWAL	WARREGO RIVER	MOD	0
18/ 4/90	1145	RENEWAL	WARREGO RIVER	MAJ	0
19/ 4/90	1135	RENEWAL	WARREGO RIVER	MAJ	0
20/ 4/90	1130	RENEWAL	WARREGO RIVER	MAJ	0
20/ 4/90	1630	RENEWAL	WARREGO RIVER	MAJ	0
21/ 4/90	1200	RENEWAL	WARREGO RIVER	MAJ	0
21/ 4/90	1700	RENEWAL	WARREGO RIVER	MAJ	0
22/ 4/90	1015	RENEWAL	WARREGO RIVER	MAJ	1
22/ 4/90	1045	RENEWAL	WARREGO RIVER	MAJ	1

QLD HYDROLOGY SECTION FLOOD WARNINGS - 1/ 4/90 TO 30/ 4/90

FLOODWARNINGS ISSUED IN APRIL 1990

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Date: 4/ 6/90

Date	Time	Warning Title	Degree	Forecast
22/ 4/90	1645	RENEWAL WARREGO RIVER	MAJ	1
22/ 4/90	2200	RENEWAL WARREGO RIVER	MAJ	1
23/ 4/90	0745	RENEWAL WARREGO RIVER	MAJ	1
23/ 4/90	1200	RENEWAL WARREGO RIVER	MAJ	1
23/ 4/90	1615	RENEWAL WARREGO RIVER	MAJ	1
24/ 4/90	1200	RENEWAL WARREGO RIVER	MAJ	1
24/ 4/90	1700	RENEWAL WARREGO RIVER	MAJ	1
25/ 4/90	1100	RENEWAL WARREGO RIVER	MAJ	0
26/ 4/90	1045	RENEWAL WARREGO RIVER	MAJ	0
27/ 4/90	1130	RENEWAL WARREGO RIVER	MAJ	0
28/ 4/90	0930	RENEWAL WARREGO RIVER	MAJ	0
29/ 4/90	1000	RENEWAL WARREGO RIVER	MAJ	0
30/ 4/90	1030	RENEWAL WARREGO RIVER	MOD	0

Total no of warnings : 192

No of quantitative warnings : 89

No of river height forecasts :114

END OF REPORT

FLD WARREGO

Terminal No. 02

11:36

19/04/1990

IDW40Q

RENEWAL OF Flood Warnings for the WARREGO RIVER
issued at 11.35 AM on THURSDAY 19/04/1990
by the Bureau of Meteorology, Brisbane.

AT 9AM THE WARREGO RIVER AT CUNNAMULLA WAS 9.10 METRES AND RISING
WITH MAJOR FLOODING. FURTHER SMALL RIVER RISES ARE EXPECTED AT
CUNNAMULLA DURING THE NEXT 24 HOURS.

IN THE MURWEH TO WYANDRA REACH, RENEWED RIVER RISES ARE OCCURRING
WITH MINOR TO MODERATE FLOODING. FURTHER RIVER RISES ARE EXPECTED
IN THIS REACH DURING THE NEXT 24 TO 48 HOURS.

IN THE UPPER WARREGO RENEWED RIVER RISES ARE OCCURRING AT
AUGATHELLA WITH MINOR FLOODING. IN THE CHARLEVILLE AREA RIVER
LEVELS ARE CONTINUING TO FALL WITH MINOR FLOODING HOWEVER SMALL
RENEWED RIVER RISES ARE EXPECTED AT CHARLEVILLE DURING THE NEXT 2 TO
3 DAYS.

24 HOUR RAINFALL REPORTS TO 9AM TODAY INCLUDE: WYANDRA 31MM,
MURWEH 14MM AND CUNNAMULLA 15MM. FURTHER RAIN WITH SIMILAR AMOUNTS
TO THOSE REPORTED TODAY ARE EXPECTED OVER THE AREA DURING THE NEXT 24
HOURS.

9AM RIVER HEIGHT REPORTS TODAY INCLUDE:

AUGATHELLA	4.70 M RISING
BIDDENHAM	2.20 M FALLING
CHARLEVILLE	4.08 M FALLING
MURWEH	7.00 M RISING
WYANDRA	5.70 M RISING
CUNNAMULLA	9.10 M RISING SLOWLY

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM FRIDAY 20TH.

36 LINES WRITTEN

FLD WARREGO

Terminal No. 02

11:31

20/04/1990

IDW400

RENEWAL OF Flood Warnings for the WARREGO RIVER
issued at 11.30 AM on FRIDAY 20/04/1990
by the Bureau of Meteorology, Brisbane.

FURTHER HEAVY RAIN HAS BEEN REPORTED IN THE UPPER WARREGO CATCHMENT
AREA WITH THE HIGHEST 24 HOUR TOTALS AT AUGATHELLA 146 MILLIMETRES
AND MORVEN 138 MM. MOSTLY FINE CONDITIONS ARE NOW EXPECTED.

FURTHER RISES AND MAJOR FLOODING ARE EXPECTED TO CONTINUE IN THE
WARREGO RIVER AND TRIBUTARIES ABOVE CHARLEVILLE DURING THE NEXT
24 HOURS. HIGH LEVEL MAJOR FLOODING IS EXPECTED AT CHARLEVILLE
DURING THE WEEKEND, WITH RISES AND MAJOR FLOODING EXTENDING
DOWNSTREAM.

AT 9AM THE WARREGO RIVER AT CUNNAMULLA WAS 8.90 METRES AND FALLING
WITH MODERATE FLOODING FOLLOWING A PEAK OF 9.10 METRES YESTERDAY.
RIVER LEVELS AT CUNNAMULLA WILL GENERALLY BE MAINTAINED DURING THE
NEXT 24 TO 48 HOURS WITH RENEWED RISES AND MAJOR FLOODING EXPECTED
EARLY NEXT WEEK.

9AM RIVER HEIGHT REPORTS TODAY INCLUDE:

AUGATHELLA	7.00 M RISING
BIDDENHAM	6.85 M RISING
CHARLEVILLE	6.20 M RISING
AUTHORINGA	5.00 M RISING
MURWEH	7.45 M FALLING
WYANDRA	7.26 M STEADY
CUNNAMULLA	8.90 M FALLING

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM SATURDAY 21ST.

33 LINES WRITTEN

FLD WARREGO

Terminal No. 02

16:31

20/04/1990

IDW400

RENEWAL OF Flood Warning for the WARREGO RIVER
issued at 4-30 PM on FRIDAY 20/04/1990
by the Bureau of Meteorology, Brisbane.

THE WARREGO RIVER AT AUGATHELLA IS ABOUT AT ITS PEAK WITH A 3PM
RIVER LEVEL OF 7.30 METRES AND STEADY. THE NIVE RIVER AT BIDDENHAM
IS ALSO PEAKING THIS AFTERNOON. SEVERE MAJOR FLOODING IN THESE
AREAS WILL EASE VERY SLOWLY DURING THE WEEKEND.

FLOODWATERS FROM THE UPPER WARREGO AND TRIBUTARIES WILL CAUSE SEVERE
MAJOR FLOODING AT CHARLEVILLE DURING THE NEXT 24 HOURS. AT 3PM,
CHARLEVILLE WAS 6.94 METRES WITH MAJOR FLOOD LEVELS CONTINUING TO
RISE.

SEVERE MAJOR FLOODING WILL DEVELOP ALONG THE WARREGO DOWNSTREAM
FROM CHARLEVILLE DURING THE WEEKEND AND EARLY NEXT WEEK WITH A MAJOR
FLOOD PEAK EXPECTED TO REACH CUNNAMULLA ON ABOUT WEDNESDAY OR
THURSDAY OF NEXT WEEK.

AT 3PM THE WARREGO RIVER AT CUNNAMULLA WAS 8.90 METRES AND FALLING
WITH MODERATE FLOODING FOLLOWING A PEAK OF 9.10 METRES YESTERDAY.
RIVER LEVELS AT CUNNAMULLA WILL GENERALLY BE MAINTAINED DURING THE
NEXT 24 TO 48 HOURS.

LATEST RIVER HEIGHT REPORTS TODAY INCLUDE:

AUGATHELLA	7.30 M STEADY NEAR PEAK AT 3PM
BIDDENHAM	7.00 M STEADY AT 3PM
CHARLEVILLE	6.94 M RISING AT 3PM
AUTHORINGA	6.00 M RISING AT 3PM
MURWEH	7.45 M FALLING AT 9AM
WYANDRA	7.26 M STEADY AT 9AM
CUNNAMULLA	8.90 M STEADY AT 3PM

MOSTLY FINE WEATHER CONDITIONS ARE FORECAST.

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM SATURDAY 21ST.

39 LINES WRITTEN

FLD WARREGO

Terminal No. 02

12:22

21/04/1990

IDW400

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 12 NOON on SATURDAY 21/04/1990
by the Bureau of Meteorology, Brisbane.

THE WARREGO RIVER AT AUGATHELLA PEAKED AT 7.30 METRES AT 3PM ON
FRIDAY WITH WIDESPREAD MAJOR FLOODING. RECORD FLOOD LEVELS ARE
RISING IN CHARLEVILLE ABOUT ONE METRE HIGHER THAN THE PREVIOUS
RECORD. THE LEVEL IN CHARLEVILLE IS EXPECTED TO PEAK LATER THIS
AFTERNOON OR EARLY EVENING.

SEVERE MAJOR FLOODING WILL DEVELOP ALONG THE WARREGO DOWNSTREAM
FROM CHARLEVILLE DURING THE WEEKEND AND EARLY NEXT WEEK WITH A MAJOR
FLOOD PEAK EXPECTED TO REACH CUNNAMULLA ON ABOUT WEDNESDAY OR
THURSDAY OF NEXT WEEK. WIDESPREAD MAJOR FLOODING APPROACHING
RECORD LEVELS WILL ACCOMPANY THE PEAK.
LATEST RIVER HEIGHT REPORTS TODAY INCLUDE:

BIDDENHAM	7.00 M STEADY AT 6AM
CHARLEVILLE	APPROX 8.00 M RISING AT 9AM
AUTHORINGA	EXCEEDS 8.00 M RISING AT 9AM
CUNNAMULLA	8.90 M STEADY AT 9AM

GENERALLY FINE WEATHER CONDITIONS ARE FORECAST FOR THE WARREGO DURING
THE WEEKEND.

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM SUNDAY 22ND.

28 LINES WRITTEN

FLO WARREGO

Terminal No. 21

16:48

21/04/1990

IDW400

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 5-00 PM on SATURDAY 21/04/1990
by the Bureau of Meteorology, Brisbane.

THE WARREGO RIVER AT AUGATHELLA PEAKED AT 7.30 METRES AT 3PM ON FRIDAY WITH WIDESPREAD MAJOR FLOODING. RECORD FLOOD LEVELS ARE PEAKING IN CHARLEVILLE ABOUT ONE METRE HIGHER THAN THE PREVIOUS RECORD. FLOODING AT CHARLEVILLE IS EXPECTED TO EASE SLOWLY DURING SUNDAY.

SEVERE MAJOR FLOODING WILL DEVELOP ALONG THE WARREGO DOWNSTREAM FROM CHARLEVILLE DURING THE WEEKEND AND EARLY NEXT WEEK WITH A MAJOR FLOOD PEAK EXPECTED TO REACH CUNNAMULLA ON ABOUT WEDNESDAY OR THURSDAY OF NEXT WEEK. WIDESPREAD MAJOR FLOODING APPROACHING RECORD LEVELS WILL ACCOMPANY THE PEAK.

LATEST RIVER HEIGHT REPORTS TODAY INCLUDE:

BIDDENHAM	7.00 M STEADY AT 6AM
CHARLEVILLE	ABOUT 8.00 METRES AND PEAKING DURING AFTERNOON
AUTHORINGA	EXCEEDS 8.00 M RISING AT 9AM
CUNNAMULLA	9.10 M RISING AT 3PM

GENERALLY FINE WEATHER CONDITIONS ARE FORECAST FOR THE WARREGO DURING THE WEEKEND.

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM SUNDAY 22ND.

29 LINES WRITTEN

FLO WARREGO

Terminal No. 21

10:25

22/04/1990

IDW400

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 10-15 AM on SUNDAY 22/04/1990
by the Bureau of Meteorology, Brisbane.

THE WARREGO RIVER AT CHARLEVILLE PEAKED DURING SATURDAY AFTERNOON.
AT 5PM SATURDAY, THE RIVER LEVEL READING WAS ABOUT 8 METRES AND
FALLING. REPORTS INDICATE THAT THE FLOOD LEVEL HAS FALLEN ABOUT
HALF A METRE BETWEEN MIDDAY SATURDAY AND THIS MORNING (SUNDAY).
RIVER LEVELS WILL CONTINUE TO FALL SLOWLY AT CHARLEVILLE.

SEVERE MAJOR FLOODING WILL DEVELOP ALONG THE WARREGO DOWNSTREAM
FROM CHARLEVILLE DURING TODAY AND EARLY NEXT WEEK WITH A MAJOR
FLOOD PEAK EXPECTED TO REACH CUNNAMULLA ON ABOUT WEDNESDAY OR
THURSDAY OF NEXT WEEK. WIDESPREAD MAJOR FLOODING APPROACHING
RECORD LEVELS WILL ACCOMPANY THE PEAK.

AT 9AM, CUNNAMULLA WAS 9.50 METRES AND STEADY WITH MAJOR
FLOODING IN THE AREA. THE RIVER LEVEL AT CUNNAMULLA IS EXPECTED
TO REMAIN AT ABOUT THIS LEVEL DURING TODAY AND THEN RISE
SLOWLY TO REACH 10 METRES LATE ON MONDAY. RISES WILL CONTINUE AT
CUNNAMULLA DURING TUESDAY AND WEDNESDAY.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING AFTER PEAK SATURDAY AFTERNOON
MURWEH	8.50 M RISING AT 6PM SATURDAY
WYANDRA	7.30 M RISING AT 6PM SATURDAY
CUNNAMULLA	9.50 M STEADY AT 9AM SUNDAY

THE NEXT WARNING WILL BE ISSUED AT ABOUT 2PM SUNDAY 22ND AS SOON
AS WARREGO RIVER HEIGHTS ARE AVAILABLE.

36 LINES WRITTEN

FLD WARREGO

Terminal No. 21

16:53

22/04/1990

IDW40Q

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 4-45 PM on SUNDAY 22/04/1990
by the Bureau of Meteorology, Brisbane.

RIVER LEVELS FROM DOWNSTREAM OF CHARLEVILLE THIS AFTERNOON ARE
RISING FAST AND EXCEED THE HIGHEST ON RECORD AT MURWEH.
SEVERE MAJOR FLOODING IS EXPECTED TO EXTEND DOWNSTREAM FROM
THE MURWEH AREA DURING THE NEXT 24 TO 48 HOURS WITH LEVELS
HIGHER THAN PREVIOUS RECORD FLOODS. FAST RISES WILL OCCUR IN
THE MURWEH TO WYANDRA REACH OVERNIGHT.

AT 2-30PM , CUNNAMULLA WAS 9.50 METRES AND STEADY. RIVER LEVELS
WILL CONTINUE TO RISE ON MONDAY AND TUESDAY AT CUNNAMULLA AND
ARE EXPECTED TO REACH 10.30 METRES BY THE AFTERNOON OF TUESDAY
24TH. A PEAK IS EXPECTED AT CUNNAMULLA DURING WEDNESDAY 25TH
WITH SEVERE MAJOR FLOODING AND RECORD FLOOD LEVELS IN THE
SURROUNDING AREA AND OVERFLOW CHANNELS.

THE WARREGO RIVER AT CHARLEVILLE PEAKED DURING SATURDAY AFTERNOON.
AT 5PM SATURDAY, THE RIVER LEVEL READING WAS ABOUT 8 METRES AND
FALLING. REPORTS INDICATE THAT THE FLOOD LEVEL HAS FALLEN ABOUT
HALF A METRE BETWEEN MIDDAY SATURDAY AND SUNDAY MORNING.
RIVER LEVELS WILL CONTINUE TO FALL SLOWLY AT CHARLEVILLE.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING AFTER PEAK SATURDAY AFTERNOON
MURWEH	10.85 M RISING AT 3PM
WYANDRA	9.17 M RISING AT 3PM
CUNNAMULLA	9.50 M STEADY AT 2-30PM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 7AM MONDAY 23RD.

39 LINES WRITTEN

FLD WARREGO

Terminal No. 02

22:05

22/04/1990

IDW40Q

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 10-00 PM on SUNDAY 22/04/1990
by the Bureau of Meteorology, Brisbane.

RIVER LEVELS FROM DOWNSTREAM OF CHARLEVILLE THIS AFTERNOON ARE
RISING FAST AND EXCEED THE HIGHEST ON RECORD AT MURWEH.
SEVERE MAJOR FLOODING IS EXPECTED TO EXTEND DOWNSTREAM FROM
THE MURWEH AREA DURING THE NEXT 24 TO 48 HOURS WITH LEVELS
HIGHER THAN PREVIOUS RECORD FLOODS. FAST RISES WILL OCCUR IN
THE MURWEH TO WYANDRA REACH OVERNIGHT.

AT 9-00PM , CUNNAMULLA WAS 9.50 METRES AND STEADY. RIVER LEVELS
WILL CONTINUE TO RISE ON MONDAY AND TUESDAY AT CUNNAMULLA AND
ARE EXPECTED TO REACH 10.30 METRES BY THE AFTERNOON OF TUESDAY
24TH. A PEAK IS EXPECTED AT CUNNAMULLA DURING WEDNESDAY 25TH
WITH SEVERE MAJOR FLOODING AND RECORD FLOOD LEVELS IN THE
SURROUNDING AREA AND OVERFLOW CHANNELS.

THE WARREGO RIVER AT CHARLEVILLE IS CONTINUING TO FALL WITH MAJOR
FLOODING EASING.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING
MURWEH	10.85 M RISING AT 3PM
WYANDRA	9.17 M RISING AT 3PM
CUNNAMULLA	9.50 M STEADY AT 9-00PM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 7AM MONDAY 23RD.

36 LINES WRITTEN

FL 3 WARREGO

Terminal No. 21

07:53

23/04/1990

IDW400

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 7-45 AM on MONDAY 23/04/1990
by the Bureau of Meteorology, Brisbane.

THE MAIN FLOOD PEAK IN THE WARREGO RIVER IS APPROACHING THE
WYANDRA AREA. THE FLOOD PEAK IS EXPECTED AT WYANDRA TODAY.
AT 7AM, THE RIVER LEVEL AT WYANDRA WAS 9.97 METRES RISING WITH
RECORD MAJOR FLOODING.

SEVERE MAJOR FLOODING IS EXPECTED TO EXTEND DOWNSTREAM FROM
THE WYANDRA AREA DURING THE NEXT 24 TO 48 HOURS WITH LEVELS
HIGHER THAN PREVIOUS RECORD FLOODS.

AT 6-00AM, CUNNAMULLA WAS 9.35 METRES STEADY WITH RIVER LEVELS
EXPECTED TO COMMENCE RISING TODAY.

THE RIVER LEVEL AT CUNNAMULLA IS EXPECTED TO REACH ABOUT
10.30 METRES DURING THE AFTERNOON OF TUESDAY 24TH.
A PEAK IS EXPECTED AT CUNNAMULLA DURING WEDNESDAY 25TH
WITH SEVERE MAJOR FLOODING AND RECORD FLOOD LEVELS IN THE
SURROUNDING AREA AND OVERFLOW CHANNELS.

THE WARREGO RIVER AT CHARLEVILLE IS CONTINUING TO FALL WITH MAJOR
FLOODING EASING.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING
MURWEH	10.85 M RISING AT 3PM SUNDAY (NO FURTHER READINGS POSSIBLE)
WYANDRA	9.97 M RISING AT 7AM
CUNNAMULLA	9.35 M STEADY AT 6AM

THE NEXT WARNING WILL BE ISSUED AT ABOUT NOON MONDAY 23RD.

41 LINES WRITTEN

LD WARREGO

Terminal No. 02

11:47

23/04/1990

IDW40Q

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 12 NOON on MONDAY 23/04/1990
by the Bureau of Meteorology, Brisbane.

THE MAIN FLOOD PEAK IN THE WARREGO RIVER IS APPROACHING THE
WYANDRA AREA. THE FLOOD PEAK IS EXPECTED AT WYANDRA TODAY.
AT 10AM, THE RIVER LEVEL AT WYANDRA WAS 10.0 METRES RISING WITH
RECORD MAJOR FLOODING. UPSTREAM AT MURWEH THE LEVEL WAS 11.00
METRES AND STEADY AT 10AM.

SEVERE MAJOR FLOODING IS EXPECTED TO EXTEND DOWNSTREAM FROM
THE WYANDRA AREA DURING THE NEXT 24 TO 48 HOURS WITH LEVELS
HIGHER THAN PREVIOUS RECORD FLOODS.

AT 9-00AM , CUNNAMULLA WAS 9.35 METRES STEADY WITH RIVER LEVELS
EXPECTED TO COMMENCE RISING TODAY.

THE RIVER LEVEL AT CUNNAMULLA IS EXPECTED TO REACH ABOUT
10.30 METRES DURING THE AFTERNOON OF TUESDAY 24TH.
A PEAK IS EXPECTED AT CUNNAMULLA WEDNESDAY MORNING THE 25TH
WITH SEVERE MAJOR FLOODING AND RECORD FLOOD LEVELS IN THE
SURROUNDING AREA AND OVERFLOW CHANNELS.

THE WARREGO RIVER AT CHARLEVILLE IS CONTINUING TO FALL WITH MAJOR
FLOODING EASING.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING
MURWEH	11.00 M STEADY AT 10AM TODAY
WYANDRA	10.00 M RISING AT 10AM
CUNNAMULLA	9.35 M STEADY AT 9AM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 5PM TODAY.

41 LINES WRITTEN

FLD WARREGO

Terminal No. 21

16:18

23/04/1990

IDW400

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 4.15PM on MONDAY 23/04/1990
by the Bureau of Meteorology, Brisbane.

THE MAIN FLOOD PEAK IN THE WARREGO RIVER IS NOW LOCATED
IN THE WYANDRA AREA. AT 12 NOON TODAY, THE LEVEL AT
WYANDRA WAS 10.0 METRES AND STEADY SINCE 10 AM THIS MORNING WITH
RECORD MAJOR FLOODING. UPSTREAM AT MURWEH THE LEVEL WAS 11.00
METRES AND STEADY AT 10AM.

SEVERE MAJOR FLOODING IS EXPECTED TO EXTEND DOWNSTREAM FROM
THE WYANDRA AREA DURING THE NEXT 24 TO 48 HOURS WITH LEVELS
HIGHER THAN PREVIOUS RECORD FLOODS.

AT 3 PM, CUNNAMULLA WAS 9.35 METRES AND STEADY WITH RIVER
RISES EXPECTED TO COMMENCE DURING THE NEXT FEW HOURS.

THE RIVER LEVEL AT CUNNAMULLA IS EXPECTED TO REACH ABOUT
10.30 METRES DURING THE AFTERNOON OF TUESDAY 24TH.
A PEAK IS EXPECTED AT CUNNAMULLA WEDNESDAY MORNING THE 25TH
WITH SEVERE MAJOR FLOODING AND RECORD FLOOD LEVELS IN THE
SURROUNDING AREA AND OVERFLOW CHANNELS.

THE WARREGO RIVER AT CHARLEVILLE IS CONTINUING TO FALL WITH MAJOR
FLOODING EASING.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING
MURWEH	11.00 M STEADY AT 10AM TODAY
WYANDRA	10.00 M STEADY AT 12 NOON
CUNNAMULLA	9.35 M STEADY AT 3PM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 10AM TUESDAY 24TH.

41 LINES WRITTEN

FLD WARREGO

Terminal No. 21

11:59

24/04/1990

IDW400

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 12 NOON on TUESDAY 24/04/1990
by the Bureau of Meteorology, Brisbane.

THE MAIN FLOOD PEAK IN THE WARREGO RIVER IS NOW LOCATED
DOWNSTREAM OF THE WYANDRA AREA. SEVERE MAJOR FLOODING IS EXTENDING
DOWNSTREAM TO CUNNAMULLA.

AT 11-45AM CUNNAMULLA WAS 10.05 METRES AND RISING SLOWLY.
THE RIVER LEVEL AT CUNNAMULLA IS EXPECTED TO REACH
10.30 METRES LATER THIS AFTERNOON WITH VERY SLOW RISES TONIGHT.

A PEAK IS EXPECTED AT CUNNAMULLA TOMORROW (WEDNESDAY) MORNING WITH
SEVERE MAJOR FLOODING AND RECORD FLOOD LEVELS IN THE SURROUNDING
AREA AND OVERFLOW CHANNELS.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING
WYANDRA	ABOUT 10.00 METRES THIS MORNING.
CUNNAMULLA	10.05 METRES RISING SLOWLY AT 11.45AM.

THE NEXT WARNING WILL BE ISSUED AT ABOUT 4PM TUESDAY 24TH.

30 LINES WRITTEN

FLD WARREGO

Terminal No. 21

16:58

24/04/1990

IDW400

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 5 PM on TUESDAY 24/04/1990
by the Bureau of Meteorology, Brisbane.

THE MAIN FLOOD PEAK IN THE WARREGO RIVER IS NOW LOCATED
ABOUT MIDWAY BETWEEN WYANDRA AND CUNNAMULLA.

AT 4.30 PM CUNNAMULLA WAS 10.00 METRES AND RISING VERY SLOWLY.
THE RIVER LEVEL AT CUNNAMULLA IS EXPECTED TO REACH 10.3 METRES
OVERNIGHT AND RISE VERY SLOWLY TO PEAK BY MIDDAY TOMORROW
(WEDNESDAY).

SEVERE MAJOR FLOODING AND RECORD FLOOD LEVELS IN THE SURROUNDING
AREAS AND OVERFLOW CHANNELS WILL EXTEND SOUTH TO THE NEW SOUTH
WALES BORDER BY THE END OF THE MONTH.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

WYANDRA	RIVER LEVELS FALLING
CUNNAMULLA	10.00 METRES RISING VERY SLOWLY AT 4.30 PM.

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM WEDNESDAY 25TH.

29 LINES WRITTEN

FLI WARREGO

Terminal No. 21

11:04

25/04/1990

IDW40Q

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 11AM on WEDNESDAY 25/04/1990
by the Bureau of Meteorology, Brisbane.

AT 9AM THE WARREGO RIVER AT CUNNAMULLA WAS 10.13 METRES RISING
VERY SLOWLY AND NEAR ITS PEAK WHICH IS EXPECTED DURING THE NEXT FEW
HOURS. RIVER LEVELS AT CUNNAMULLA ARE EXPECTED TO REMAIN STEADY
OVERNIGHT BEFORE COMMENCING TO FALL SLOWLY DURING THURSDAY.

WIDESPREAD MAJOR FLOODING IN THE SURROUNDING AREAS AND OVERFLOW
CHANNELS WILL EXTEND SOUTH TO THE NEW SOUTH WALES BORDER BY THE END
OF THE MONTH.

LATEST RIVER HEIGHT REPORTS INCLUDE:

WYANDRA	RIVER LEVELS FALLING
CUNNAMULLA	10.13 METRES RISING VERY SLOWLY AT 9AM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM THURSDAY 26TH.

24 LINES WRITTEN

FLD WARREGO

Terminal No. 21

10:49

22/04/1990

IDW400

REWORDED TO AVOID CONFUSION - CUNNAMULLA EXPECTED TO PEAK
THIS WEDNESDAY 25TH OR THURSDAY 26TH APRIL

RENEWAL OF FLOOD WARNING for the WARREGO RIVER
issued at 10-45 AM on SUNDAY 22/04/1990
by the Bureau of Meteorology, Brisbane.

THE WARREGO RIVER AT CHARLEVILLE PEAKED DURING SATURDAY AFTERNOON.
AT 5PM SATURDAY, THE RIVER LEVEL READING WAS ABOUT 8 METRES AND
FALLING. REPORTS INDICATE THAT THE FLOOD LEVEL HAS FALLEN ABOUT
HALF A METRE BETWEEN MIDDAY SATURDAY AND THIS MORNING (SUNDAY).
RIVER LEVELS WILL CONTINUE TO FALL SLOWLY AT CHARLEVILLE.

SEVERE MAJOR FLOODING WILL DEVELOP ALONG THE WARREGO DOWNSTREAM
FROM CHARLEVILLE DURING TODAY AND EARLY THIS WEEK WITH A MAJOR
FLOOD PEAK EXPECTED TO REACH CUNNAMULLA ON ABOUT WEDNESDAY 25TH
OR THURSDAY 26TH APRIL. WIDESPREAD MAJOR FLOODING APPROACHING
RECORD LEVELS WILL ACCOMPANY THE PEAK.

AT 9AM, CUNNAMULLA WAS 9.50 METRES AND STEADY WITH MAJOR
FLOODING IN THE AREA. THE RIVER LEVEL AT CUNNAMULLA IS EXPECTED
TO REMAIN AT ABOUT THIS LEVEL DURING TODAY AND THEN RISE
SLOWLY TO REACH 10 METRES LATE ON MONDAY. RISES WILL CONTINUE AT
CUNNAMULLA DURING TUESDAY AND WEDNESDAY.

FINE WEATHER CONDITIONS ARE CONTINUING.

LATEST RIVER HEIGHT REPORTS INCLUDE:

CHARLEVILLE	RIVER LEVELS FALLING AFTER PEAK SATURDAY AFTERNOON
MURWEH	8.50 M RISING AT 6PM SATURDAY
WYANDRA	7.30 M RISING AT 6PM SATURDAY
CUNNAMULLA	9.50 M STEADY AT 9AM SUNDAY

THE NEXT WARNING WILL BE ISSUED AT ABOUT 2PM SUNDAY 22ND AS SOON
AS WARREGO RIVER HEIGHTS ARE AVAILABLE.

41 LINES WRITTEN

FLD THOMSON

Terminal No. 21

12:08

19/04/1990

IDW40Q

RENEWAL OF FLOOD WARNING FOR THE THOMSON AND BARCOO RIVERS AND COOPER CREEK issued at 12 NOON ON THURSDAY 19/04/1990 by the Bureau of Meteorology, Brisbane.

GENERAL RAINS AVERAGING OF 50 TO 100 MM HAVE BEEN RECORDED IN THE UPPER REACHES OF THE THOMSON RIVER ABOVE LONGREACH AND BARCOO AND ALICE RIVERS ABOVE ISISFORD IN THE LAST 24 HOURS AND FURTHER RAINS DECREASING FROM THE NORTH ARE EXPECTED IN THE NEXT 24 HOURS. MAJOR FLOODING IS EXPECTED TODAY AT CAMOOLA PARK AND IS EXPECTED TO EXTEND DOWNSTREAM TO LONGREACH DURING THE NEXT 24 TO 48 HOURS. MAJOR FLOOD LEVELS IN THE LOWER REACHES OF THE THOMSON RIVER AROUND STONEHENGE AND JUNDAH SHOULD BE MAINTAINED FOR THE NEXT WEEK.

MAJOR FLOODING IS EXPECTED IN THE LOWER REACHES OF THE ALICE RIVER FOLLOWING RAINFALLS UP TO 250MM AT RICHMOND HILLS IN THE LAST 48 HOURS. MAJOR FLOODING IS EXPECTED TO EXTEND DOWN THE BARCOO RIVER DURING THE NEXT WEEK TO 10 DAYS.

MAJOR FLOOD LEVELS ARE FALLING SLOWLY ON COOPER CREEK AT WINDORAH BUT RENEWED RISES AND MAJOR FLOODING WILL CAN BE EXPECTED AT WINDORAH EARLY NEXT WEEK.

ROAD TRAFFIC PROBLEMS WILL CONTINUE FOR AN EXTENDED PERIOD.

RIVER LEVEL REPORTS AT 9AM TODAY INCLUDE:

MUTTABURRA	4.30 METRES RISING
CAMOOLA PARK	4.59 METRES RISING FAST AT 10.30AM
JUNDAH	5.25 METRES RISING SLOWLY

ALICE RIVER AT BARCOLDINE 6.20 METRES RISING

BARCOO RIVER:

BLACKALL	3.35 METRES RISING SLOWLY
ISISFORD	4.45 METRES STEADY AT 6AM
RETREAT	7.35 METRES STEADY

COOPER CREEK:

WINDORAH	6.25 METRES FALLING
DURHAM DOWNS	2.00 METRES STEADY
KARMONA	2.70 METRES RISING
NOCCUNDRA	0.10 METRES FALLING
NAPPAMERRIE	1.39 METRES FALLING SLOWLY

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM FRIDAY 20TH.

47 LINES WRITTEN

IDW40Q

RENEWAL OF FLOOD WARNING FOR THE THOMSON AND BARCOO RIVERS AND COOPER CREEK issued at 11-00AM ON FRIDAY 20/04/1990 by the Bureau of Meteorology, Brisbane.

FURTHER HEAVY RAIN HAS BEEN RECORDED IN THE UPPER THOMSON RIVER CATCHMENT AREA DURING THE PAST 24 HOURS TO 9AM TODAY WITH THE HIGHEST FALLS INCLUDING TANGORIN 84 MILLIMETRES, TIRIE 79MM, AND ARAMAC 74 MM. MOSTLY FINE WEATHER IS NOW EXPECTED.

DURING THE PAST 24 HOURS, SIGNIFICANT RISES HAVE OCCURRED IN THE THOMSON RIVER AT CAMoola PARK CAUSING HIGH LEVEL MAJOR FLOODING. FLOODWATERS FROM THIS AREA WILL PRODUCE RISES AND MAJOR FLOODING AT LONGREACH WHERE THE RIVER IS EXPECTED TO REACH 5.0 TO 5.5 METRES DURING THE NEXT 24 TO 48 HOURS. MAJOR FLOODING IN THE LOWER REACHES OF THE THOMSON RIVER AROUND STONEHENGE AND JUNDIAH WILL BE RENEWED NEXT WEEK.

HIGH LEVEL MAJOR FLOODING IS CONTINUING TO RISE IN THE BARCOO AND ALICE RIVERS. RIVER LEVELS AT ISISFORD ARE APPROACHING RECORD FLOOD LEVELS. RENEWED MAJOR FLOODING WILL EXTEND DOWNSTREAM IN THE BARCOO DURING THE WEEKEND.

MAJOR FLOOD LEVELS ARE FALLING SLOWLY ON COOPER CREEK AT WINDORAH BUT RENEWED RISES AND MAJOR FLOODING ARE EXPECTED AT WINDORAH EARLY NEXT WEEK.

ROAD TRAFFIC PROBLEMS WILL CONTINUE FOR AN EXTENDED PERIOD.

RIVER LEVEL REPORTS AT 9AM TODAY INCLUDE:

MUTTABURRA	5.80 METRES RISING
CAMoola PARK	6.35 METRES RISING AT 7AM
LONGREACH	3.99 METRES RISING
STONEHENGE	3.25 METRES FALLING
JUNDIAH	5.00 METRES RISING SLOWLY

ALICE RIVER AT BARCaldINE 7.20 METRES RISING

BARCOO RIVER:

BLACKALL	5.30 METRES RISING
ISISFORD	8.65 METRES RISING AT 6AM
RETREAT	7.75 METRES RISING

COOPER CREEK:

WINDORAH	6.15 METRES FALLING
DURHAM DOWNS	2.00 METRES STEADY
KARMONA	2.70 METRES STEADY
NOCCUNDRA	0.15 METRES STEADY
NAPPAMERRIE	1.39 METRES STEADY

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM SATURDAY 21ST.

53 LINES WRITTEN

IDW40G

RENEWAL OF FLOOD WARNING FOR THE THOMSON AND BARCOO RIVERS AND COOPER CREEK

issued at 11.45AM ON SUNDAY 22/04/1990
by the Bureau of Meteorology, Brisbane.

ON THE THOMSON RIVER, MAJOR FLOOD LEVELS ARE PEAKING IN THE CAMDOLA PARK TO LONGREACH REACH. CAMDOLA PARK PEAKED YESTERDAY AT 6.80 METRES AND HAS FALLEN ONLY SLIGHTLY. AT 9AM, LONGREACH WAS 5.04 METRES STEADY AND NEARING ITS PEAK. RIVER LEVELS AT LONGREACH WILL REMAIN AT ABOUT THIS LEVEL DURING THE NEXT 24 TO 48 HOURS BEFORE COMMENCING TO EASE SLOWLY. WIDESPREAD MAJOR FLOOD LEVELS WILL INCREASE DOWNSTREAM FROM LONGREACH TO JUNDAH DURING THIS WEEK.

MAJOR FLOODING AT OR CLOSE TO RECORD LEVELS IS BEING EXPERIENCED IN THE BARCOO RIVER IN THE BLACKALL TO ISISFORD REACH. FLOOD LEVELS PEAKED AT BLACKALL AT 7.30 METRES ON SATURDAY. UPSTREAM IN THE ALICE RIVER THE LEVEL AT BARCOLDINE HAS BEEN STEADY AT ITS PEAK FOR THE PAST 24 HOURS WITH WIDESPREAD MAJOR FLOODING. WIDESPREAD MAJOR FLOODING AT CLOSE TO RECORD LEVELS WILL EXTEND DOWN THE BARCOO RIVER DURING THIS WEEK.

MAJOR FLOOD LEVELS ARE STEADY AT WINDORAH ON COOPER CREEK BUT RENEWED RISES AND HIGHER MAJOR FLOOD LEVELS ARE EXPECTED AT WINDORAH EARLY THIS WEEK. HIGH LEVEL MAJOR FLOODING WILL BE PROLONGED FOR SEVERAL WEEKS IN THIS AREA.

ROAD TRAFFIC PROBLEMS WILL CONTINUE FOR AN EXTENDED PERIOD.
FINE WEATHER CONDITIONS ARE FORECAST.

LATEST RIVER LEVEL REPORTS INCLUDE:

MUTTABURRA	7.15 METRES STEADY AT 9AM
CAMDOLA PARK	6.75 METRES STEADY AT 7AM
LONGREACH	5.04 METRES STEADY NEAR PEAK AT 7-30AM
BOGEWONG	7.45 METRES RISING AT 9AM
STONEHENDE	3.69 METRES RISING AT 9AM
JUNDAH	4.65 METRES FALLING SLOWLY AT 9AM

ALICE RIVER AT BARCOLDINE 7.90 METRES STEADY AT PEAK

BARCOO RIVER:

ISISFORD	8.75 METRES RISING SLOWLY, FURTHER RISES TO COME
RETREAT	6.80 METRES FALLING AT 9AM

9AM RIVER HEIGHTS FOR COOPER CREEK:

WINDORAH	6.10 METRES STEADY SUNDAY 9AM
DURHAM DOWNS	2.00 METRES STEADY SATURDAY
KARMONA	2.85 METRES RISING SATURDAY
NOCCUNDRA	0.25 METRES RISING SATURDAY
NAPPAMERRIE	1.37 METRES FALLING SUNDAY 9AM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM MONDAY 23RD.

IDW400

RENEWAL OF FLOOD WARNING FOR THE THOMSON AND BARCOO RIVERS AND COOPER CREEK

issued at 11.50AM ON TUESDAY 24/04/1990
by the Bureau of Meteorology, Brisbane.

ON THE THOMSON RIVER, MAJOR FLOOD LEVELS ARE GENERALLY EASING SLOWLY IN THE CAMOOLA PARK TO BOGEWONG AREA. THE MAIN FLOOD PEAK IS NOW LOCATED AT BOGEWONG. THE RIVER LEVEL AT BOGEWONG WAS 7.90 METRES AND STEADY AT 6 AM THIS MORNING.

AS THE FLOOD PEAK TRAVELS DOWNSTREAM RIVER LEVELS AT STONEHENGE AND JUNDAH WILL CONTINUE TO RISE AND CAUSE MAJOR FLOODING WITH THE HIGHEST LEVELS SINCE THE 1974 FLOODS. THE RIVER AT JUNDAH IS EXPECTED TO PEAK AT ABOUT 7.5 METRES BY FRIDAY.

RECORD MAJOR FLOODING IS BEING EXPERIENCED IN THE BARCOO RIVER IN THE BLACKALL TO ISISFORD REACH. AT 6AM ISISFORD WAS 8.90 METRES AND FALLING SLOWLY WITH SEVERE MAJOR FLOODING.

AT RETREAT, MAJOR FLOOD LEVELS ARE EXPECTED TO REMAIN STEADY DURING THE NEXT FEW DAYS WITH WIDESPREAD FLOODING CLOSE TO RECORD LEVELS EXPECTED TO EXTEND DOWN THE BARCOO RIVER DURING THIS WEEK.

MAJOR FLOOD LEVELS HAVE FALLEN SLIGHTLY AT WINDORAH DURING THE PAST 24 HOURS BUT RENEWED RISES AND INCREASING MAJOR FLOODING IS EXPECTED AT WINDORAH BY WEDNESDAY 25TH. HIGH LEVEL MAJOR FLOODING WILL BE PROLONGED FOR SEVERAL WEEKS IN THIS AREA.

ROAD TRAFFIC PROBLEMS WILL CONTINUE FOR AN EXTENDED PERIOD.
FINE WEATHER CONDITIONS ARE FORECAST.

LATEST RIVER LEVEL REPORTS INCLUDE:

MUTTABURRA	6.80 METRES FALLING SLOWLY 5PM/23RD
CAMOOLA PARK	6.30 METRES FALLING AT 6.00AM
LONGREACH	4.91 METRES FALLING AT 9AM
BOGEWONG	7.90 METRES STEADY AT 7AM
STONEHENGE	5.60 METRES RISING AT 9AM
JUNDAH	6.30 METRES RISING AT 9AM

ALICE RIVER AT BARCOLDINE 7.50 METRES FALLING SLOWLY AT 3PM 23RD.

BARCOO RIVER:

BLACKALL	3.25 METRES FALLING SLOWLY AT 8.30AM
ISISFORD	8.90 METRES FALLING SLOWLY AT 6AM
RETREAT	12.00 METRES STEADY AT 8AM

9AM RIVER HEIGHTS FOR COOPER CREEK:

WINDORAH	5.85 METRES STEADY AT 9AM, FURTHER RISES EXPECTED
DURHAM DOWNS	2.05 METRES RISING AT 9AM
KARMUNA	3.02 METRES STEADY AT 9AM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM WEDNESDAY 25TH.

54 LINES WRITTEN

IDW400

RENEWAL OF FLOOD WARNING FOR THE THOMSON AND BARCOO RIVERS AND COOPER CREEK

issued at 12-15PM WEDNESDAY 25/04/1990
by the Bureau of Meteorology, Brisbane.

ON THE THOMSON RIVER, MAJOR FLOOD LEVELS ARE GENERALLY EASING SLOWLY IN THE CAMoola PARK TO BOGEWONG AREA. THE MAIN FLOOD PEAK IS NEAR STONEHENGE. THE RIVER LEVEL AT STONEHENGE WAS 5.85 METRES RISING SLOWLY AT 9 AM THIS MORNING.

AS THE FLOOD PEAK TRAVELS DOWNSTREAM RIVER LEVELS BELOW STONEHENGE TO JUNDAAH WILL CONTINUE TO RISE AND CAUSE MAJOR FLOODING WITH THE HIGHEST LEVELS SINCE THE 1974 FLOODS. THE RIVER AT JUNDAAH IS EXPECTED TO PEAK AT ABOUT 7.5 METRES BY FRIDAY.

MAJOR FLOODING IS EASING ALONG THE BARCOO RIVER AT RETREAT AND UPSTREAM. AT 9AM TODAY, ISISFORD WAS 8.50 METRES AND FALLING SLOWLY. AT RETREAT, RIVER LEVELS ARE EXPECTED TO REMAIN AT ABOUT THEIR PRESENT LEVEL DURING THE NEXT FEW DAYS WITH WIDESPREAD MAJOR FLOODING

COOPER CREEK :

MAJOR FLOOD LEVELS AT WINDORAH HAVE COMMENCED TO RISE WITH A REPORTED LEVEL OF 6.50 METRES AT 9AM.

INCREASING MAJOR FLOODING IS EXPECTED AT WINDORAH WITH AN ESTIMATED FLOOD PEAK OF ABOUT 8 METRES DURING THIS WEEKEND AND EARLY NEXT WEEK. MAJOR FLOODING AT WINDORAH AND DOWNSTREAM ALONG COOPER CREEK WILL BE HIGHER THAN 1989 LEVELS BUT IS EXPECTED TO BE LESS THAN THE RECORD FLOODING OF 1974.

(FOR COMPARISON, THE PEAK AT WINDORAH WAS 7 METRES IN 1989 AND 8.5 METRES IN 1974.)

MAJOR FLOODING WILL CONTINUE FOR SEVERAL WEEKS DOWNSTREAM FROM WINDORAH ALONG THE COOPER.

ROAD TRAFFIC PROBLEMS WILL CONTINUE FOR AN EXTENDED PERIOD.

LATEST RIVER LEVEL REPORTS INCLUDE:

MUTTABURRA	6.15 METRES FALLING SLOWLY AT 9AM
CAMoola PARK	5.70 METRES FALLING AT 6-30AM
LONGREACH	4.68 METRES FALLING AT NOON
STONEHENGE	5.85 METRES RISING AT 9AM
JUNDAAH	7.15 METRES RISING AT 8AM

BARCOO RIVER:

ISISFORD	8.50 METRES FALLING SLOWLY AT 6AM
RETREAT	11.72 METRES FALLING SLOWLY AT 8AM

9AM RIVER HEIGHTS FOR COOPER CREEK:

WINDORAH	6.50 METRES RISING
DURHAM DOWNS	2.08 METRES RISING
KARMONA	3.02 METRES STEADY
NAPPAMERRIE	1.36 METRES STEADY

THE NEXT WARNING WILL BE ISSUED AT ABOUT NOON THURSDAY 26TH.

IDW40Q

RENEWAL OF FLOOD WARNING FOR THE MARANDIA AND BALONNE RIVERS
issued at 11.00AM FRIDAY 20/4/1990
by the Bureau of Meteorology, Brisbane.

VERY HEAVY RAIN IN THE UPPER MARANDIA CATCHMENT IN THE 48 HOURS TO 9 AM TODAY IS CAUSING SEVERE MAJOR FLOODING IN THE MITCHELL AREA. AT 9AM MITCHELL WAS 8.0 METRES AND FALLING AFTER A PEAK OF ABOUT 9.0 METRES AT 3AM THIS MORNING. DOWNSTREAM OF MITCHELL MAJOR FLOOD LEVELS ARE RISING AT SPRINGFIELD. AT 9AM THE RIVER AT SPRINGFIELD WAS 10.34 METRES AND RISING. FOR COMPARISON THIS RIVER HEIGHT AT SPRINGFIELD IS THE SECOND HIGHEST ON RECORD AND SIMILAR TO THE FLOOD OF JULY 1950. FURTHER RIVER RISES ARE EXPECTED AT SPRINGFIELD DURING TODAY. MAJOR FLOODING WILL EXTEND DOWNSTREAM OF SPRINGFIELD TO BEARDMORE DAM DURING THE NEXT 2 TO 3 DAYS.

ON THE BALONNE RIVER UPSTREAM OF BEARDMORE DAM, SIGNIFICANT STREAM RISES ARE OCCURRING IN BOTH MUCKADILLA AND BUNGIL CREEKS WITH GENERALLY MODERATE TO MAJOR FLOOD LEVELS INCREASING. IN THE SURAT AREA MODERATE FLOOD LEVELS ARE CONTINUING TO RISE FROM TRIBUTARY INFLOWS.

AT 9AM ST GEORGE WAS 7.48 METRES AND RISING WITH MAJOR FLOODING. FURTHER SIGNIFICANT RISES ARE EXPECTED AT ST GEORGE DURING THE WEEKEND WITH THE RIVER EXPECTED TO REACH 8.5 METRES BY MONDAY 23RD. WITH FURTHER RISES EARLY NEXT WEEK.

DOWNSTREAM OF ST GEORGE, MINOR TO MODERATE FLOOD LEVELS ARE FALLING IN THE DIRRANDANDI AREA HOWEVER RENEWED RIVER RISES ARE EXPECTED AT DIRRANDANDI DURING NEXT WEEK WITH MODERATE TO MAJOR FLOODING AS THE SECOND PEAK FROM ST GEORGE TRAVELS DOWNSTREAM. AT HEBEL (BOKHARA RIVER) RIVER LEVELS ARE RISING SLOWLY WITH MINOR TO MODERATE FLOODING AND ARE EXPECTED TO PEAK AT ABOUT 1.50 METRES BY WEDNESDAY 25TH APRIL FOLLOWED BY RENEWED RISES DURING 2ND WEEK OF MAY.

RAIN AREAS ARE FORECAST TO CONTRACT SOUTHWARDS DURING TODAY.

9AM RIVER HEIGHT REPORTS RECEIVED TODAY INCLUDE:

MARANDIA RIVER

MITCHELL	8.00M FALLING AFTER A PEAK OF ABOUT 9.0 METRES
SPRINGFIELD	10.34M RISING
WOODLANDS	5.20M RISING
CASHMERE	5.78M RISING

BUNGIL CK

GARRABARRA	6.35M RISING
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MUCKADILLA CK

KARoola PK	7.70M RISING
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BALONNE RIVER

WARKON	4.57M RISING
SURAT	7.40M RISING
WERIBONE	9.52M RISING
WARROO	7.55M RISING
ST GEORGE	7.48M RISING (DISCHARGE 55,000 MEGALITRES PER DAY)
WHYENBAH	6.67M RISING
DIRRANDANDI	3.86M FALLING
HEBEL	1.40M RISING SLOWLY

THE NEXT WARNING WILL BE ISSUED AT ABOUT 11AM SATURDAY 21ST APRIL.

70 LINES WRITTEN

IDW400

PRIORITY RENEWAL OF FLOOD WARNING FOR THE MARANOA AND BALONNE RIVERS
AND MUNGALLALA AND WALLAM CREEKS
issued at 2-00PM SUNDAY 22/4/1990
by the Bureau of Meteorology, Brisbane.

MAJOR FLOOD LEVELS IN THE LOWER MARANOA RIVER HAVE RISEN RAPIDLY
AT CASHMERE OVERNIGHT, AND RECENT ADVICE INDICATES THAT CASHMERE
WAS 7.62 METRES RISING AT 6-30AM. HIGH MARANOA INFLOWS TO
BEARDMORE DAM COMBINED WITH BALONNE RIVER FLOWS ARE NOW EXPECTED
TO RESULT IN A DISCHARGE OF 160,000 MEGALITRES PER DAY BY TONIGHT.
THIS CORRESPONDS TO A LEVEL AT ST GEORGE OF ABOUT 10.60 METRES
WITH FURTHER RISES.

DOWNSTREAM OF ST GEORGE, FAST RIVER RISES CAUSING MAJOR FLOODING ARE
EXPECTED DOWNSTREAM TO DIRRANBANDI DURING THE NEXT FEW DAYS.
DIRRANBANDI IS EXPECTED TO REACH ABOUT 5.1 METRES BY TUESDAY
24TH APRIL WITH FURTHER RISES LIKELY.

AT HEBEL (BOKHARA RIVER) RIVER LEVELS ARE RISING SLOWLY WITH MAJOR
FLOODING. MAJOR FLOODING WILL GENERALLY BE MAINTAINED IN THIS AREA
FOR A FURTHER TWO TO THREE WEEKS. THE MAIN FLOOD PEAK IS EXPECTED
DURING THE FIRST WEEK OF MAY.

UPSTREAM ON THE BALONNE RIVER, WARKON PEAKED AT 8.74 METRES WITH
MODERATE FLOODING OVERNIGHT. MAJOR FLOODING IN THE SURAT AREA IS
EXPECTED TO CONTINUE TO RISE SLOWLY DURING TODAY. ON BUNGIL CREEK,
RIVER LEVELS IN THE GARRABARRA AREA ARE FALLING AFTER MODERATE
FLOODING AFTER A PEAK OF 8.74 METRES OVERNIGHT.

DOWNSTREAM OF SURAT, THE RIVER PEAKED AT WERIBONE AT ABOUT 12.10
METRES YESTERDAY MORNING WITH MAJOR FLOODING EXTENDING DOWNSTREAM TO
BEARDMORE DAM.

(RIVER RISES UPSTREAM IN THE CONDOMINE ARE MOSTLY BELOW MINOR FLOOD
LEVEL.)

RECORD FLOOD LEVELS HAVE ALSO BEEN RECORDED IN MUNGALLALA AND
WALLAM CREEK. HOMEBOIN ON WALLAM CREEK PEAKED AT ABOUT 4.00 METRES
OVERNIGHT, AND DEELAMON ON MUNGALLALA CREEK PEAKED AT 6.15 METRES
OVERNIGHT. HIGH LEVEL MAJOR FLOODING IS EXPECTED IN THE BOLLON
AREA AND DOWNSTREAM TO THE NEW SOUTH WALES BORDER DURING THIS WEEK.

9AM RIVER HEIGHT REPORTS INCLUDE:

MARANOA RIVER

SPRINGFIELD	9.58M STEADY
WOODLANDS	7.20 STEADY
CASHMERE	NOT AVAILABLE

BUNGIL CK AT GARRABARRA 7.95M RISING
MUCKADILLA CK AT KAROOLA PK 5.00M FALLING

BALONNE RIVER

WARKON	8.68M FALLING AFTER PEAK OF 8.74 METRES OVERNIGHT
SURAT	9.49M RISING
WERIBONE	11.47M FALLING
WARROO	11.50M RISING
ST GEORGE	9.35M RISING (DISCHARGE 110,000 MEGALITRES PER DAY)
WHYENBAH	7.50M RISING
DIRRANBANDI	4.70M RISING
HEBEL (BOKHARA R)	1.67M RISING

WALLAM CREEK AT BOLLON	1.35 METRES RISING FAST
MUNGALLALA CK AT TOMOD	2.50 METRES FALLING
MUNGALLALA CK AT DEELAMON	5.00 METRES FALLING

THE NEXT WARNING WILL BE ISSUED AT ABOUT 5PM SUNDAY 22ND APRIL.

73 LINES WRITTEN

IDW400

TOP PRIORITY

RENEWAL OF FLOOD WARNING FOR THE MARANOA AND BALONNE RIVERS
AND MUNGALLALA AND WALLAM CREEKS
issued at 4-50PM SUNDAY 22/4/1990
by the Bureau of Meteorology, Brisbane.

RECORD FLOOD LEVELS HAVE BEEN REACHED IN THE LOWER MARANOA RIVER
DURING THIS AFTERNOON AND ARE CONTINUING TO RISE WITH VERY HIGH
INFLOWS TO BEARDMORE DAM.
RAPID RIVER RISES ARE OCCURRING AT ST GEORGE WITH MAJOR FLOODING.
RIVER LEVELS AT ST GEORGE ARE EXPECTED TO CONTINUE TO RISE OVERNIGHT
AND REACH 12.20 METRES BY EARLY TOMORROW MORNING. THIS LEVEL IS 1.50
METRES ABOVE THE BRIDGE DECK AT ST GEORGE. FURTHER RISES ARE LIKELY
DURING MONDAY. FLOODING OF LOW LYING PROPERTIES IN THE TOWNSHIP IS
LIKELY TO COMMENCE BY EARLY TOMORROW MORNING. BY 8PM TONIGHT THE
RIVER LEVEL AT ST GEORGE IS EXPECTED TO REACH 10.8 METRES
(CORRESPONDING DISCHARGE 170.000 MEGALITRES PER DAY)

DOWNSTREAM OF ST GEORGE, FAST RIVER RISES CAUSING MAJOR FLOODING ARE
EXPECTED DOWNSTREAM TO DIRRANBANDI DURING THE NEXT FEW DAYS.
DIRRANBANDI IS EXPECTED TO REACH ABOUT 5.1 METRES BY TUESDAY
24TH. APRIL WITH FURTHER RISES LIKELY.

AT HEBEL (BOKHARA RIVER) RIVER LEVELS ARE RISING SLOWLY WITH MAJOR
FLOODING. MAJOR FLOODING WILL GENERALLY BE MAINTAINED IN THIS AREA
FOR A FURTHER TWO TO THREE WEEKS. THE MAIN FLOOD PEAK IS EXPECTED
DURING THE FIRST WEEK OF MAY.

UPSTREAM ON THE BALONNE RIVER, WARKON PEAKED AT 8.74 METRES WITH
MODERATE FLOODING OVERNIGHT ON SATURDAY. MAJOR FLOODING IN THE SURAT
AREA IS EXPECTED TO CONTINUE TO RISE SLOWLY DURING TODAY. ON BUNGIL
CREEK, RIVER LEVELS IN THE GARRABARRA AREA ARE FALLING WITH MODERATE
FLOODING AFTER A PEAK OF 8.74 METRES OVERNIGHT.

DOWNSTREAM OF SURAT, THE RIVER PEAKED AT WERIBONE AT ABOUT 12.10
METRES YESTERDAY MORNING WITH MAJOR FLOODING.

RECORD FLOOD LEVELS HAVE ALSO BEEN RECORDED IN MUNGALLALA AND
WALLAM CREEK. HOMEBOIN ON WALLAM CREEK PEAKED AT ABOUT 4.00 METRES
OVERNIGHT, AND DEELAMON ON MUNGALLALA CREEK PEAKED AT 6.15 METRES
OVERNIGHT. HIGH LEVEL MAJOR FLOODING IS EXPECTED IN THE BOLLON
AREA AND DOWNSTREAM TO THE NEW SOUTH WALES BORDER DURING THIS WEEK.

3PM RIVER HEIGHT REPORTS INCLUDE:

MARANOA RIVER

SPRINGFIELD	9.58M STEADY
WOODLANDS	7.15M FALLING SLOWLY AT NOON
CASHMERE	NOT AVAILABLE

BUNGIL CK AT GARRABARRA 7.80M FALLING

BALONNE RIVER

SURAT	9.60M RISING
WERIBONE	11.29M FALLING
WARRDO	11.67M RISING
ST GEORGE	9.89M RISING (DISCHARGE 136.000 MEGALITRES PER DAY)
WHYENBAH	7.50M RISING AT 9AM
DIRRANBANDI	4.70M RISING AT 9AM
HEBEL (BOKHARA R)	1.67M RISING AT 9AM

WALLAM CREEK AT BOLLON	1.35 METRES RISING FAST AT 12PM
MUNGALLALA CK AT TOMOO	2.50 METRES FALLING AT 12PM
MUNGALLALA CK AT DEELAMON	5.00 METRES FALLING AT 12PM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 10PM SUNDAY 22ND APRIL.

73 LINES WRITTEN

RENEWAL OF FLOOD WARNING FOR THE MARANDOA AND BALONNE RIVERS
AND MUNGALLALA AND WALLAM CREEKS
issued at 9-45PM SUNDAY 22/4/1990
by the Bureau of Meteorology, Brisbane.

RECORD FLOOD LEVELS HAVE BEEN REACHED IN THE LOWER MARANDOA RIVER DURING THIS AFTERNOON AND ARE CONTINUING TO RISE WITH VERY HIGH INFLOWS TO BEARDMORE DAM.

RAPID RIVER RISES ARE OCCURRING AT ST GEORGE WITH MAJOR FLOODING. RIVER LEVELS AT ST GEORGE ARE EXPECTED TO CONTINUE TO RISE OVERNIGHT AND REACH 12.20 METRES BY EARLY TOMORROW MORNING. THIS LEVEL IS 1.50 METRES ABOVE THE BRIDGE DECK AT ST GEORGE. FURTHER RISES ARE LIKELY DURING MONDAY. FLOODING OF LOW LYING PROPERTIES IN THE TOWNSHIP IS LIKELY TO COMMENCE BY EARLY TOMORROW MORNING. AT 9PM TONIGHT THE RIVER LEVEL AT ST GEORGE WAS 10.65 METRES AND RISING FAST AND BEARDMORE DAM DISCHARGE WAS 205,000 MEGALITRES PER DAY.

DOWNSTREAM OF ST GEORGE, FAST RIVER RISES CAUSING MAJOR FLOODING ARE EXPECTED DOWNSTREAM TO DIRRANBANDI DURING THE NEXT FEW DAYS. DIRRANBANDI IS EXPECTED TO REACH ABOUT 5.1 METRES BY TUESDAY 24TH APRIL WITH FURTHER RISES LIKELY.

AT HEBEL (BOKHARA RIVER) RIVER LEVELS ARE RISING SLOWLY WITH MAJOR FLOODING. MAJOR FLOODING WILL GENERALLY BE MAINTAINED IN THIS AREA FOR A FURTHER TWO TO THREE WEEKS. THE MAIN FLOOD PEAK IS EXPECTED DURING THE FIRST WEEK OF MAY.

ON THE BALONNE RIVER UPSTREAM FROM BEARDMORE DAM, MAJOR FLOOD LEVELS ARE CONTINUING TO RISE SLOWLY AT SURAT AND FALL SLOWLY IN THE WERIBONE AREA.

RECORD FLOOD LEVELS HAVE ALSO BEEN RECORDED IN MUNGALLALA AND WALLAM CREEK. HOMBOIN ON WALLAM CREEK PEAKED AT ABOUT 4.00 METRES OVERNIGHT SATURDAY, AND DEELAMON ON MUNGALLALA CREEK PEAKED AT 6.15 METRES OVERNIGHT SATURDAY.

HIGH LEVEL MAJOR FLOODING IS EXPECTED IN THE BOLLON AREA AND DOWNSTREAM TO THE NEW SOUTH WALES BORDER DURING THIS WEEK.

LATEST RIVER HEIGHT REPORTS INCLUDE:

MARANDOA RIVER

SPRINGFIELD	9.10M FALLING AT 6PM
WOODLANDS	7.15M STEADY AT 6PM
CASHMERE	RECORD FLOOD LEVEL

BUNGIL CK AT GARRABARRA 7.70M FALLING AT 9PM

BALONNE RIVER

SURAT	9.69M RISING AT 9PM
WERIBONE	11.18M FALLING AT 9PM
WARROO	11.72M RISING AT 6PM
ST GEORGE	10.65M RISING FAST AT 9PM (DISCHARGE 205,000 MEGALITRES PER DAY)
WHYENBAH	7.50M RISING AT 9AM
DIRRANBANDI	4.70M RISING AT 9AM
HEBEL (BOKHARA R)	1.67M RISING AT 9AM

WALLAM CREEK AT BOLLON	1.44 METRES RISING FAST AT 6PM
MUNGALLALA CK AT TOMOO	2.50 METRES FALLING AT NOON
MUNGALLALA CK AT DEELAMON	4.30 METRES FALLING AT 6PM

THE NEXT WARNING WILL BE ISSUED AT ABOUT 7AM MONDAY 23RD APRIL

.40Q

PRIORITY

RENEWAL OF FLOOD WARNING FOR THE MARANOA AND BALONNE RIVERS
AND

RENEWAL OF FLOOD WARNING FOR MUNGALLALA AND WALLAM CREEKS

issued at 12.50PM MONDAY 23/4/1990

by the Bureau of Meteorology, Brisbane.

INFLOWS TO BEARDMORE DAM ARE CONTINUING AT A VERY HIGH LEVEL AS
A RESULT OF RECORD FLOODING IN THE LOWER MARANOA RIVER AND
MAJOR FLOODING IN THE BALONNE RIVER ABOVE THE DAM.

DISCHARGE FROM BEARDMORE DAM HAS BEEN STEADY AT 270,000 MEGALITRES
FOR THE LAST 2 HOURS. AT NOON THE RIVER LEVEL AT ST GEORGE WAS
12.02 METRES AND RISING SLOWLY WITH ONLY SLIGHT RISES EXPECTED
DURING THE AFTERNOON. UPSTREAM FLOWS ARE INDICATING THAT
THE RIVER LEVEL AT ST GEORGE IS LIKELY TO PEAK BY THIS EVENING.

DOWNSTREAM OF ST GEORGE, FAST RIVER RISES CAUSING WIDESPREAD
MAJOR FLOODING ARE EXPECTED DOWNSTREAM TO DIRRANBANDI.

DIRRANBANDI IS EXPECTED TO REACH ABOUT 5.2 METRES BY THURSDAY
26TH APRIL WHICH IS ESTIMATED TO BE ABOUT THE LEVEL OF THE
1950 FLOOD.

WIDESPREAD MAJOR FLOODING WILL EXTEND DOWNSTREAM TO THE NEW SOUTH
WALES BORDER LATER THIS WEEK AND NEXT WEEK, WITH LEVELS HIGHER THAN
THE 1983 FLOOD LEVELS.

ON THE BALONNE RIVER UPSTREAM FROM BEARDMORE DAM, MAJOR FLOOD
LEVELS ARE PEAKING IN THE WARRUD AREA.

ON MUNGALLALA AND WALLAM CREEK, MAJOR FLOODING IS
EXTENDING SOUTH FROM BULLON TO THE NEW SOUTH WALES BORDER.

LATEST RIVER HEIGHT REPORTS INCLUDE:

MARANOA RIVER

SPRINGFIELD	6.75M FALLING AT AM
WOODLANDS	7.05M FALLING AT 12 NOON
CASHMERE	RECORD FLOOD LEVEL

BUNGIL CK AT GARRABARRA 7.00M FALLING AT 10AM

BALONNE RIVER

SURAT	9.69M STEADY AT 9AM
WARRUD	11.70M FALLING SLOWLY AT 9AM
ST GEORGE	12.02M RISING AT 12 NOON (DISCHARGE 270,000 MEGALITRES PER DAY)
WHYENBAH	7.67M RISING AT 9AM
DIRRANBANDI	4.90M RISING AT 9AM
HEBEL (BOKHARA R)	1.67M STEADY AT 9AM

MUNGALLALA CK AT TOMOO 1.40 METRES FALLING AT 9AM

MUNGALLALA CK AT DEELAMON 3.00 METRES STEADY AT 6AM

THE NEXT WARNING WILL BE ISSUED AT ABOUT NOON TUESDAY 24TH APRIL

IDW400

PRIORITY

RENEWAL OF FLOOD WARNING FOR THE MARANDOA AND BALONNE RIVERS
AND

RENEWAL OF FLOOD WARNING FOR MUNGALLALA AND WALLAM CREEKS

issued at 11-15AM TUESDAY 24/4/1990

by the Bureau of Meteorology, Brisbane.

INFLOWS TO BEARDMORE DAM ARE CONTINUING AT A VERY HIGH LEVEL AS
A RESULT OF RECORD FLOODING IN THE LOWER MARANDOA RIVER AND
MAJOR FLOODING IN THE BALONNE RIVER ABOVE THE DAM.

DISCHARGE FROM BEARDMORE HAS BEEN REDUCED TO 270 000 MEGALITRES
PER DAY AFTER A PEAK DISCHARGE YESTERDAY OF 275 000 MEGALITRES
PER DAY.

THE RIVER LEVEL AT ST GEORGE IS CURRENTLY 12.2 METRES AND FALLING
AFTER PEAKING OVERNIGHT AT 12.24 METRES.

DISCHARGES FROM BEARDMORE DAM WILL BE PROGRESSIVELY REDUCED OVER
THE NEXT FEW DAYS WITH MAJOR FLOODING EASING AT ST GEORGE.

DOWNSTREAM OF ST GEORGE, RIVER RISES CAUSING WIDESPREAD
MAJOR FLOODING ARE EXPECTED DOWNSTREAM TO DIRRANBANDI.

DIRRANBANDI IS EXPECTED TO REACH ABOUT 5.2 METRES BY THURSDAY
26TH APRIL WHICH IS ESTIMATED TO BE ABOUT THE LEVEL OF THE
1950 FLOOD.

WIDESPREAD MAJOR FLOODING WILL EXTEND DOWNSTREAM TO THE NEW SOUTH
WALES BORDER LATER THIS WEEK AND NEXT WEEK, WITH LEVELS HIGHER THAN
THE 1983 FLOOD LEVELS. THE BOKHARA RIVER AT HEBEL IS EXPECTED TO
RISE TO ABOUT 2.4 METRES BY THURSDAY 3RD MAY. (THIS INITIAL ESTIMATE
WILL BE REVIEWED AS UPSTREAM FLOOD PEAKS ARE RECORDED)

ON MUNGALLALA AND WALLAM CREEK, MAJOR FLOODING IS
EXTENDING SOUTH FROM BOLLON TO THE NEW SOUTH WALES BORDER.

LATEST RIVER HEIGHT REPORTS INCLUDE:

MARANDOA RIVER

SPRINGFIELD	4.00M FALLING AT 9AM
WOODLANDS	6.80M FALLING SLOWLY AT 9AM
CASHMERE	RECORD FLOOD LEVEL

BUNGIL CK AT GARRABARRA 5.80M FALLING AT 6AM

BALONNE RIVER

WARKON	7.88M FALLING SLOWLY
SURAT	9.21M FALLING SLOWLY AT 9AM
WARROO	11.20M FALLING AT 9AM
ST GEORGE	12.20M FALLING AT 9AM
	(DISCHARGE 270,000 MEGALITRES PER DAY)
WHYENBAH	7.88M RISING AT 9AM
DIRRANBANDI	5.02M RISING SLOWLY AT 9AM
HEBEL (BOKHARA R)	1.62M STEADY FALLING SLOWLY AT 9AM

WALLAM CREEK AT BOLLON	1.00 METRES FALLING SLOWLY AT 6AM
MUNGALLALA CK AT DEELAMON	1.70 METRES FALLING SLOWLY AT 6AM

THE NEXT WARNING WILL BE ISSUED AT ABOUT NOON WEDNESDAY 25TH APRIL.

62 LINES WRITTEN