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Hydrology of Lake Eyre



APPENDICES

- Final
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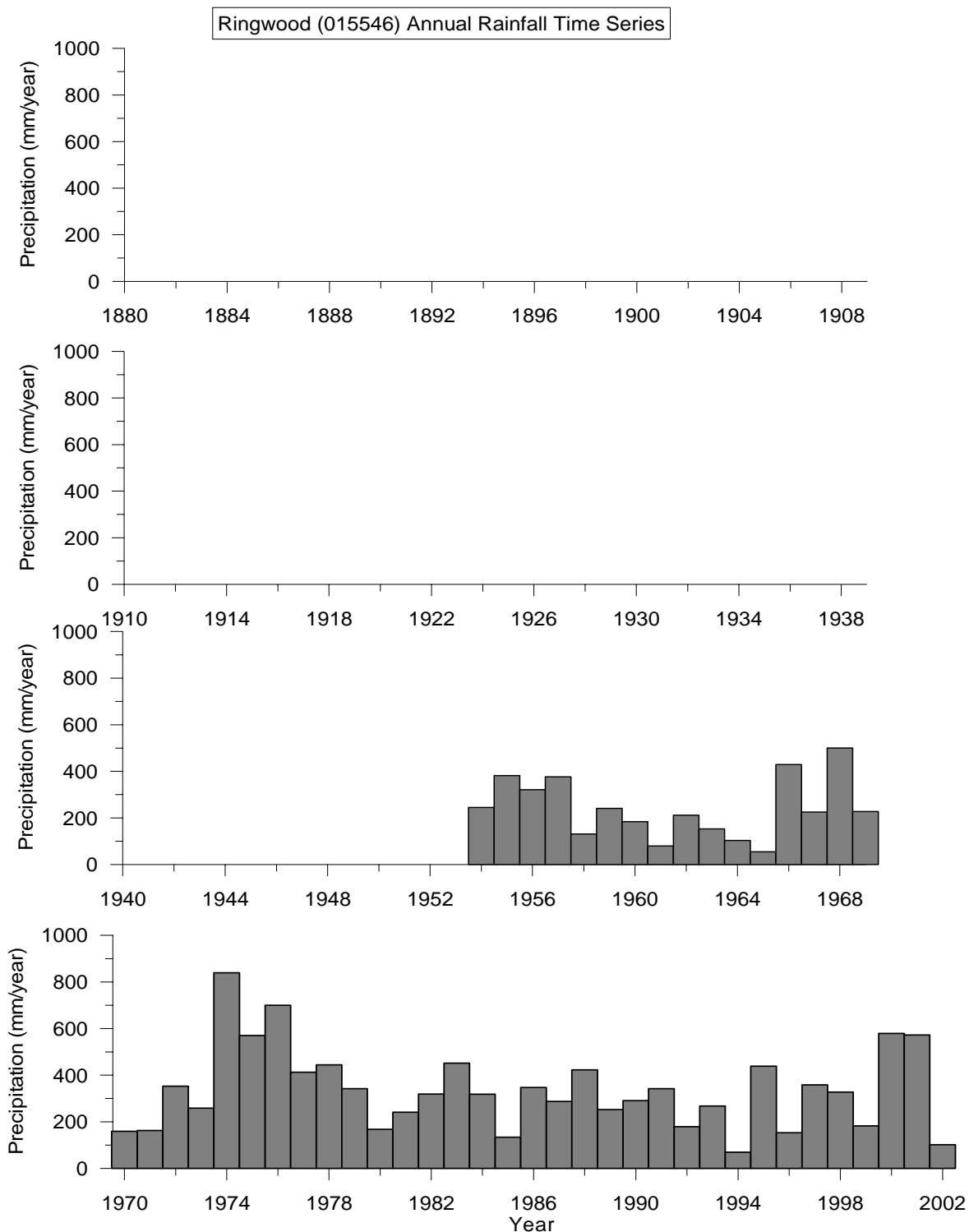
Appendix cover photo (Lake Toontoowaranie, Cooper Creek) taken by Justin Costelloe, November 2004.



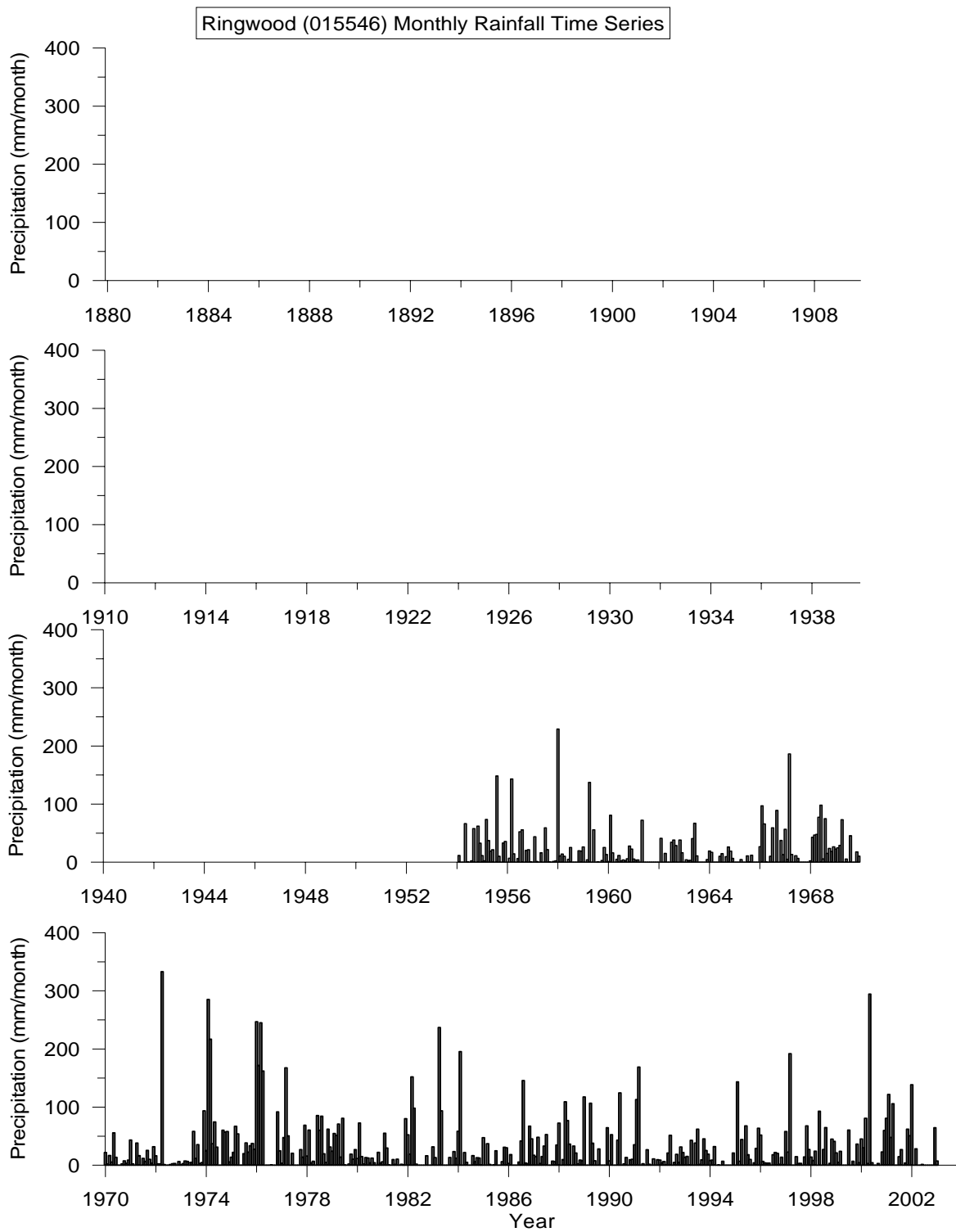
Appendix A Time Series Plots for Selected Stations

A.1 Rainfall Timeseries

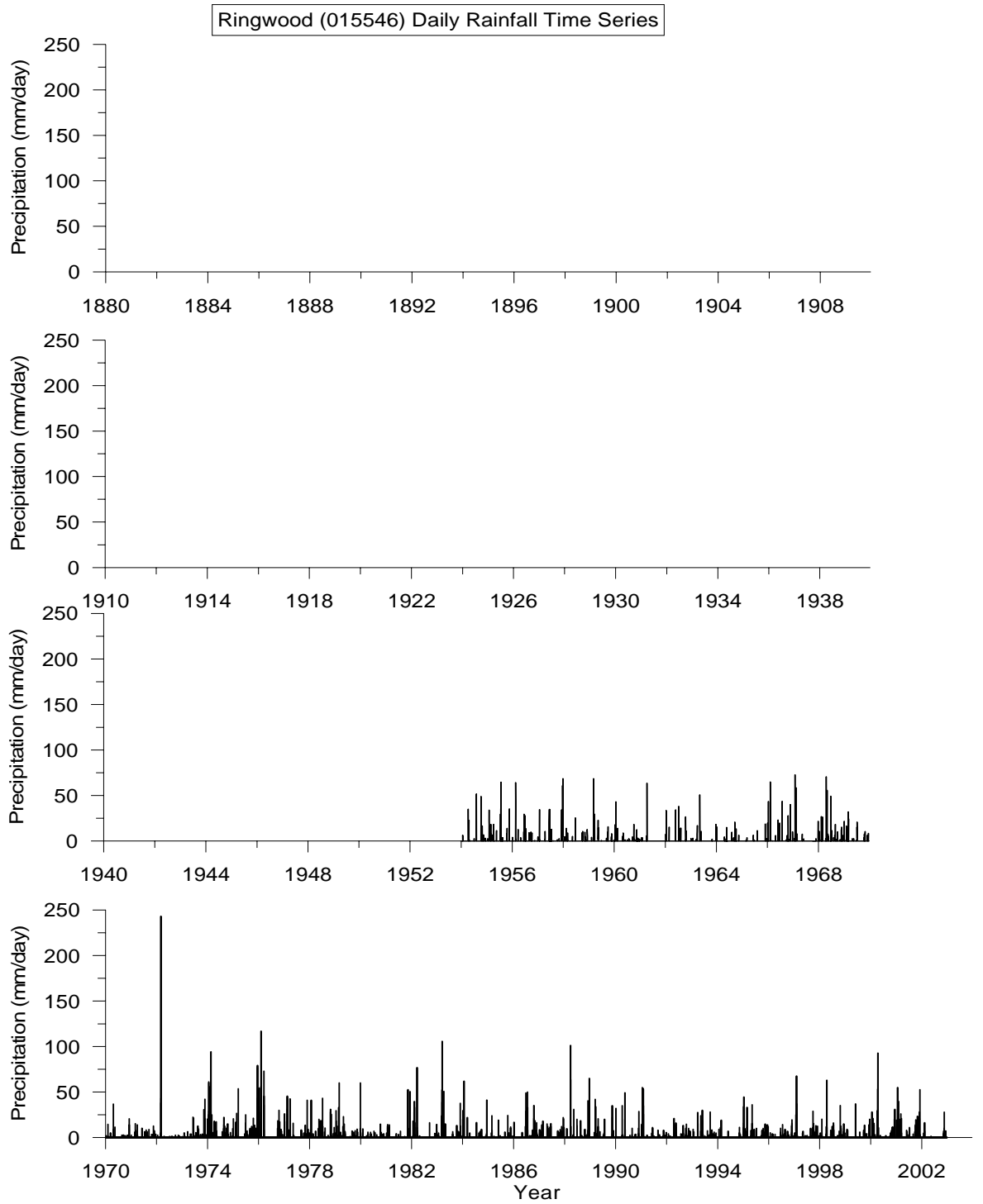
Timeseries plots for annual, monthly and daily rainfall at Ringwood (close to Alice Springs), Barcaldine (close to Longreach), Birsdville and Anna Creek (close to Oodnadatta) are presented in Figure A1 to Figure A2.



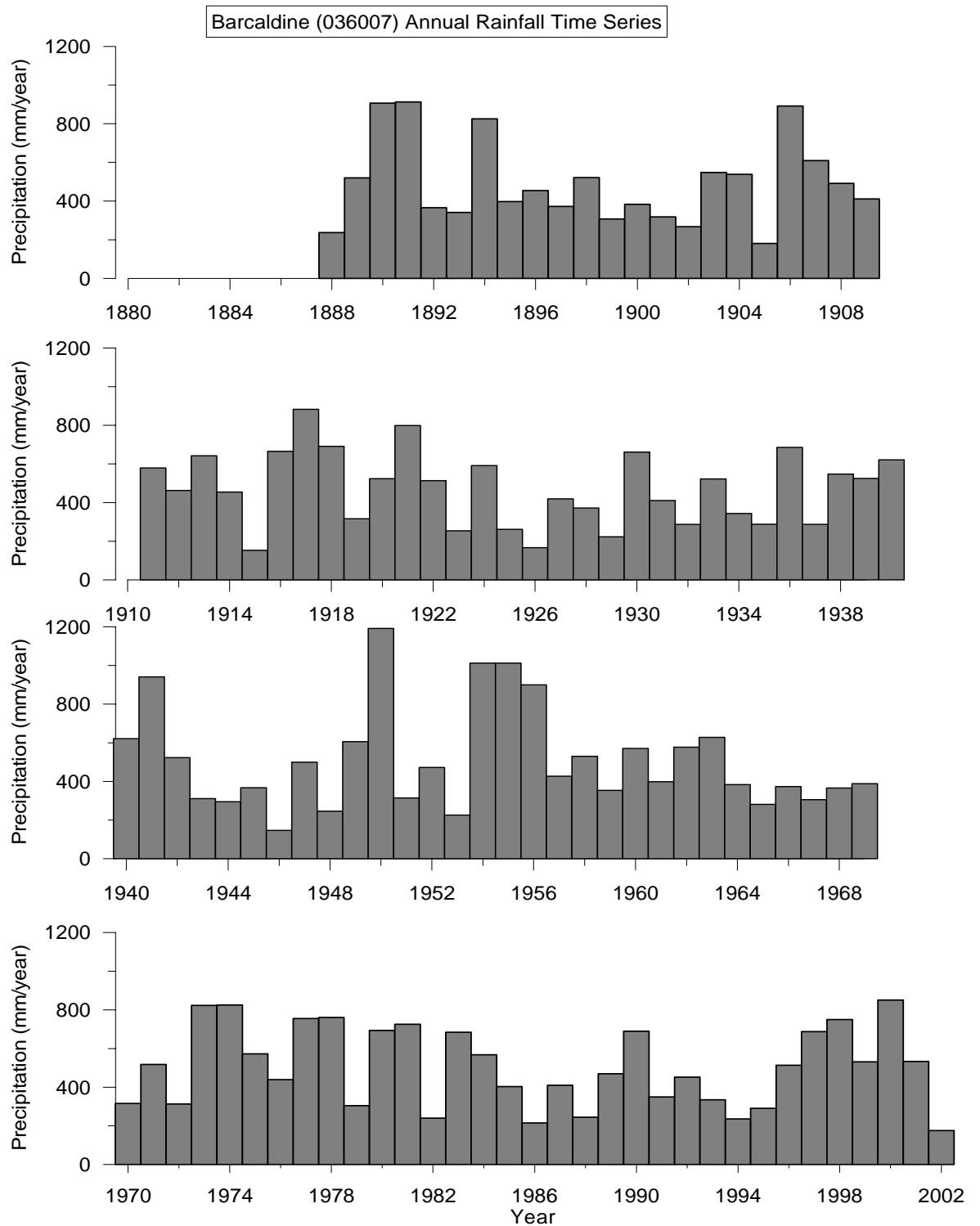
■ Figure A-1 Ringwood (015546) Annual Rainfall Time Series



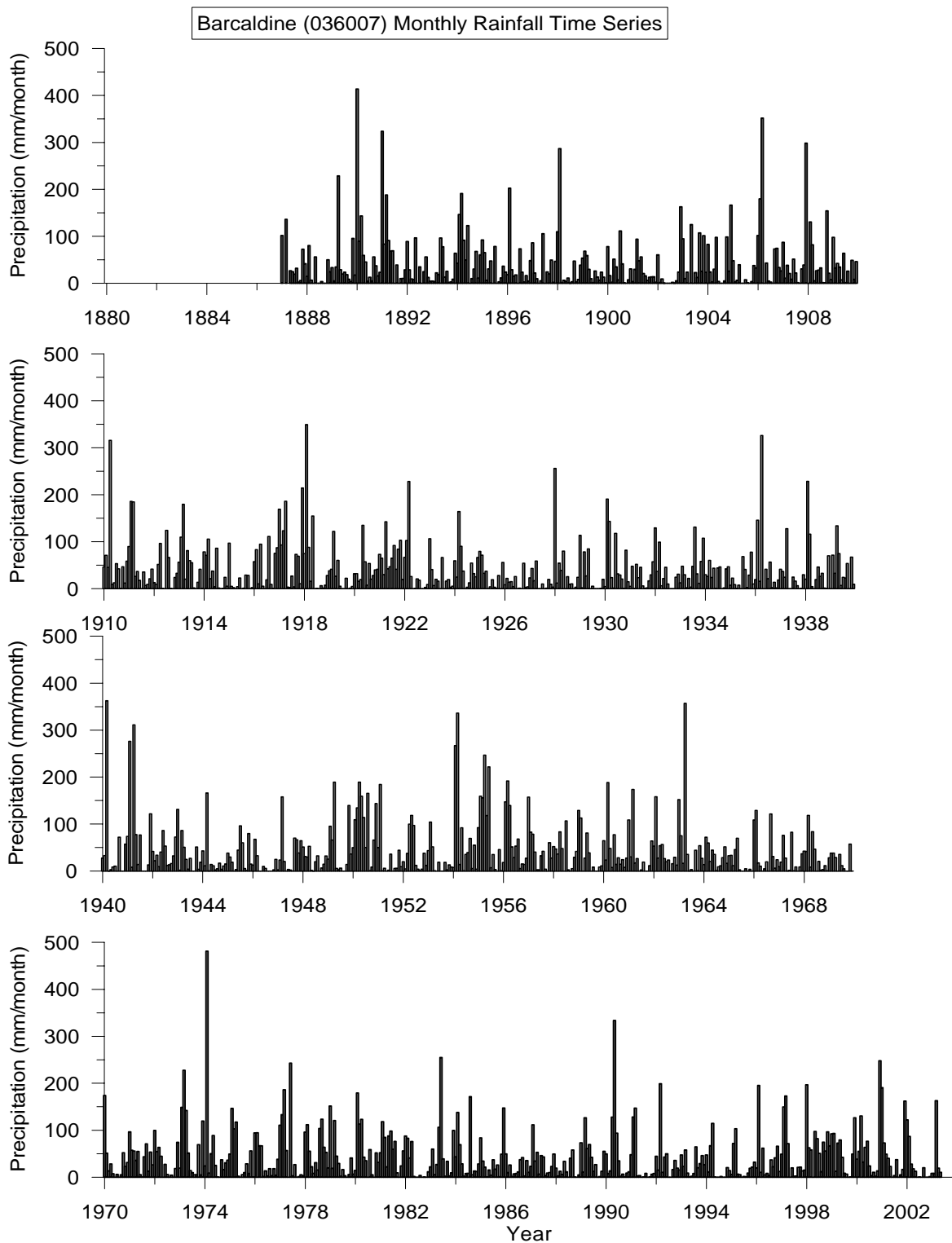
■ **Figure A-2 Ringwood (015546) Monthly Rainfall Time Series**



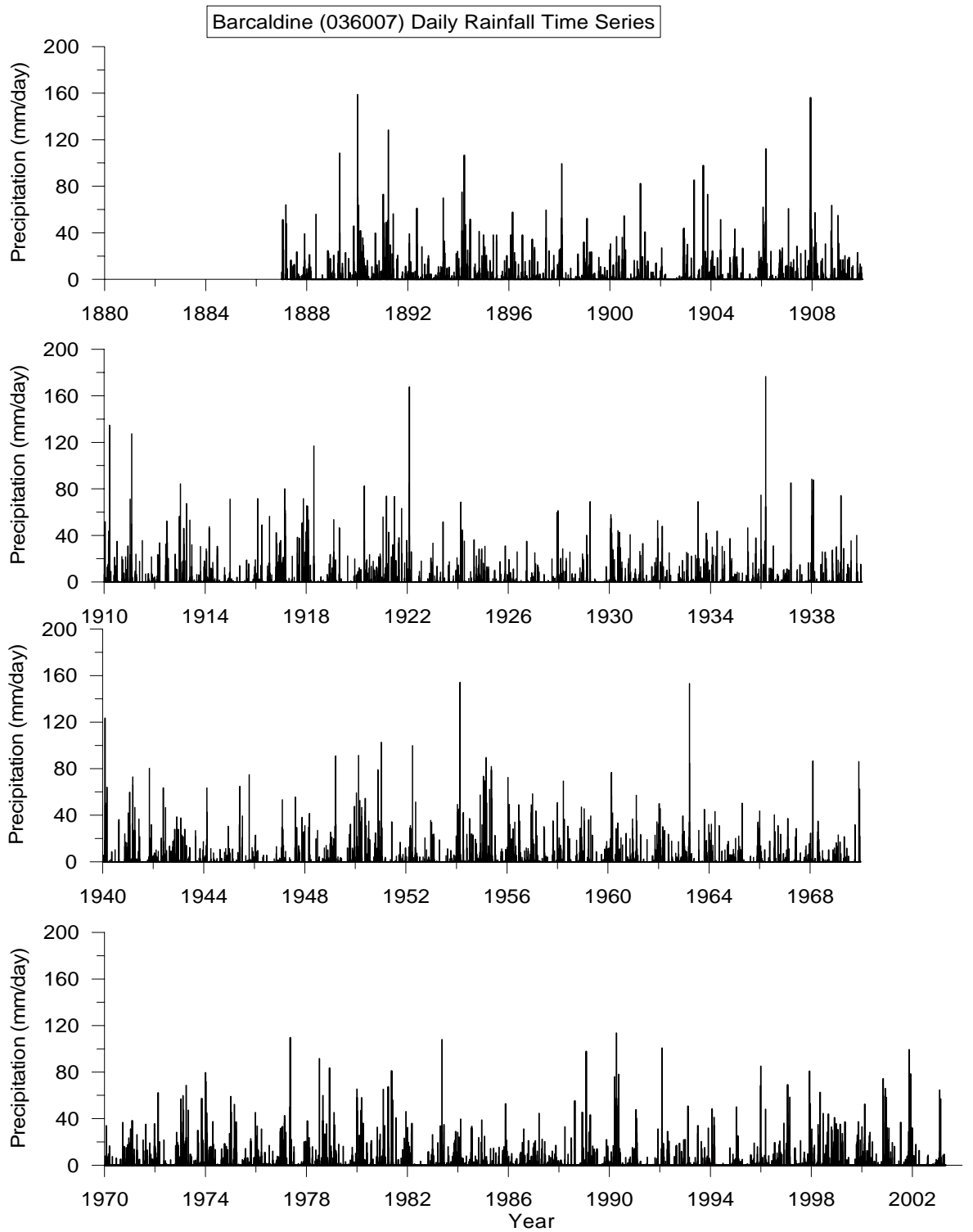
■ **Figure A-3 Ringwood (015546) Daily Rainfall Time Series**



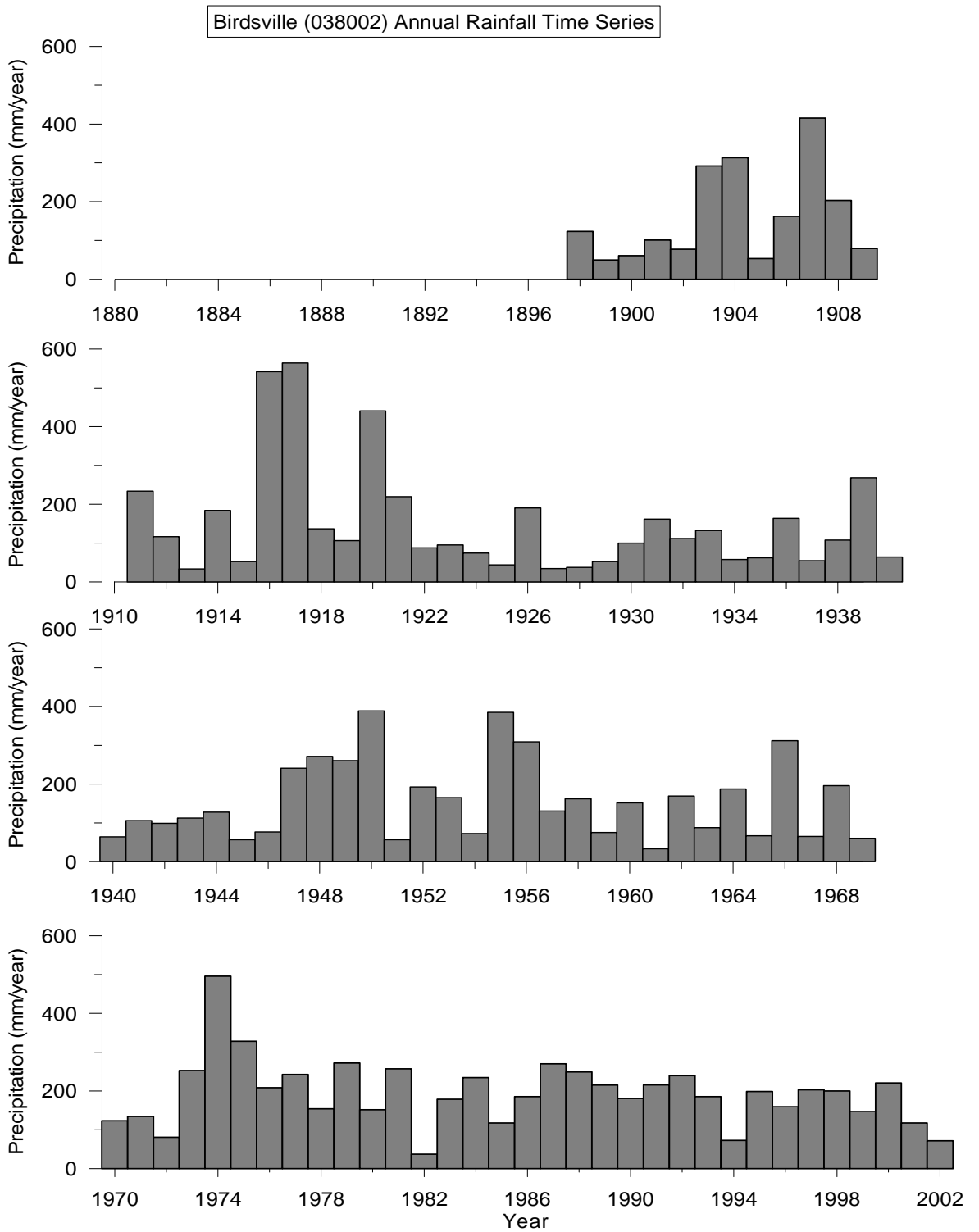
■ **Figure A-4 Barcaldine (036007) Annual Rainfall Time Series**



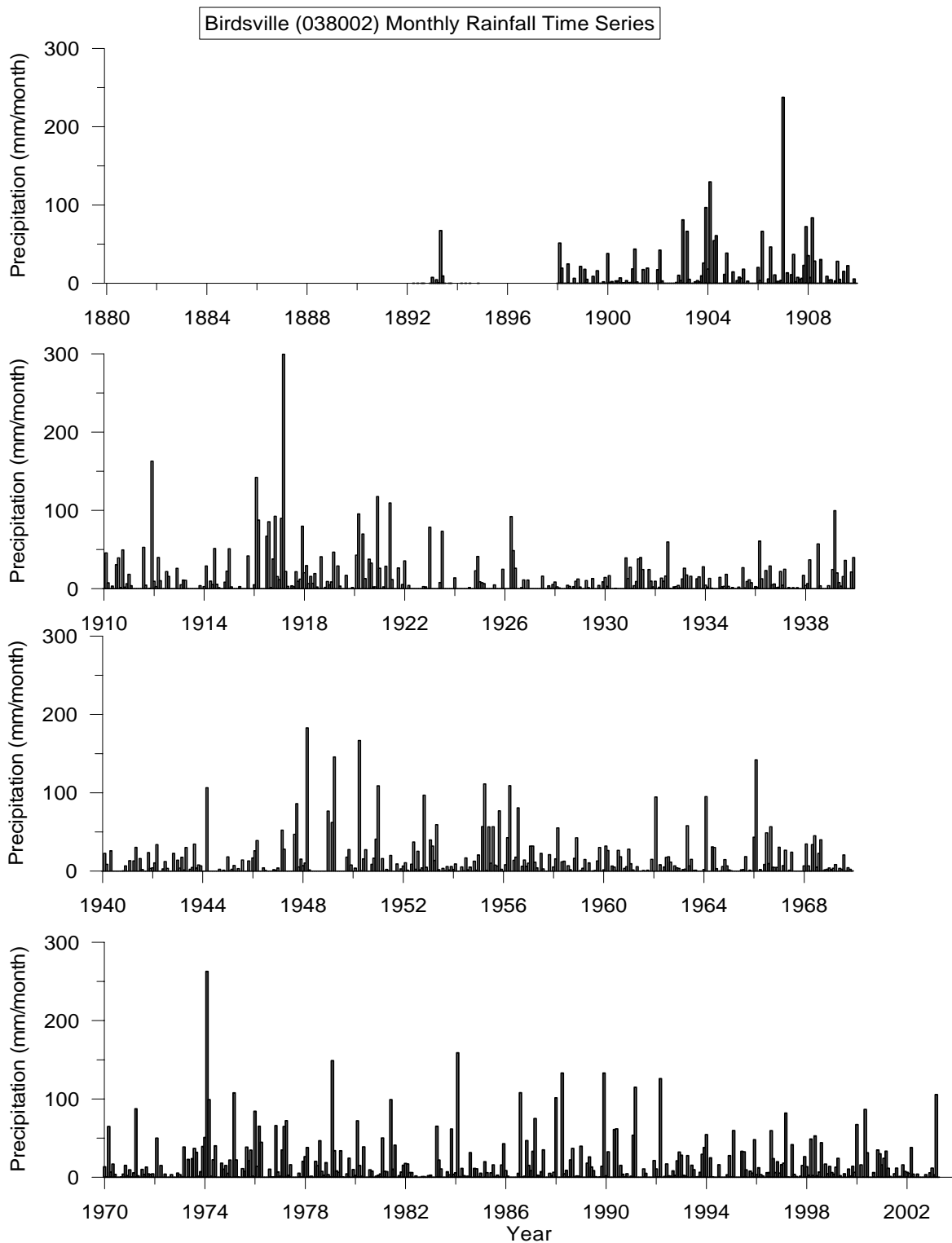
■ **Figure A-5 Barcaldine (036007) Monthly Rainfall Time Series**



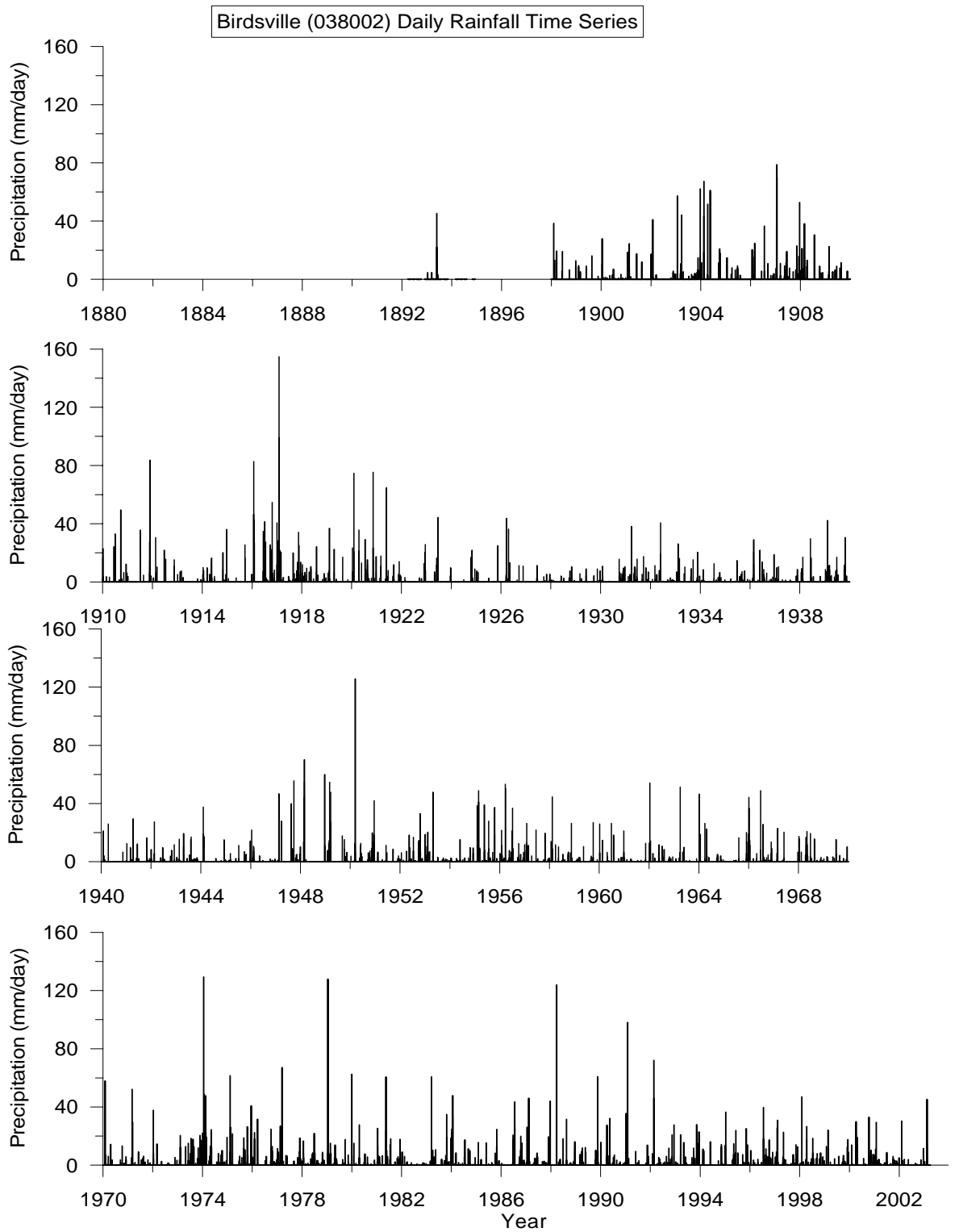
■ **Figure A-6 Barcaldine (036007) Daily Rainfall Time Series**



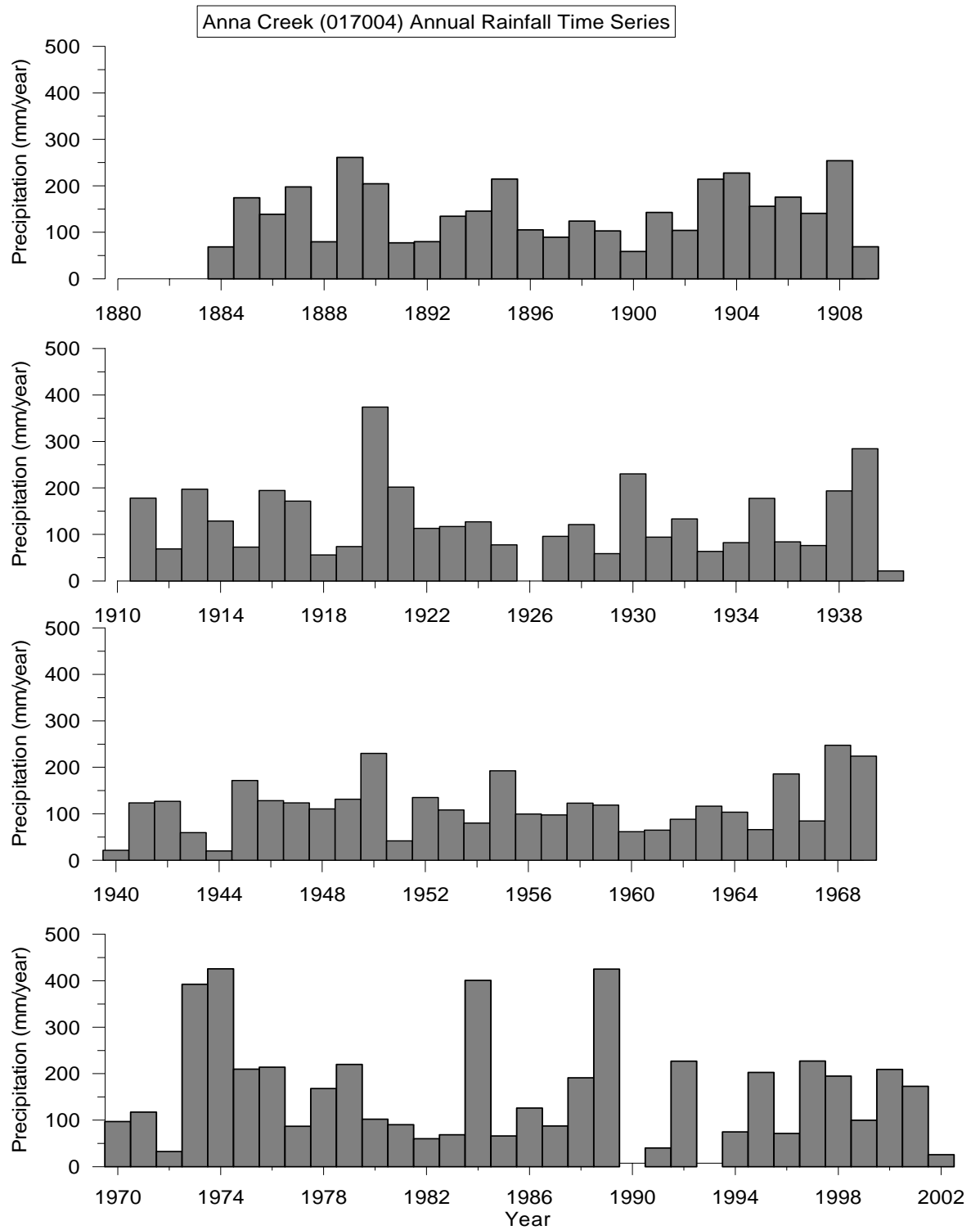
■ **Figure A-7 Birdsville (038002) Annual Rainfall Time Series**



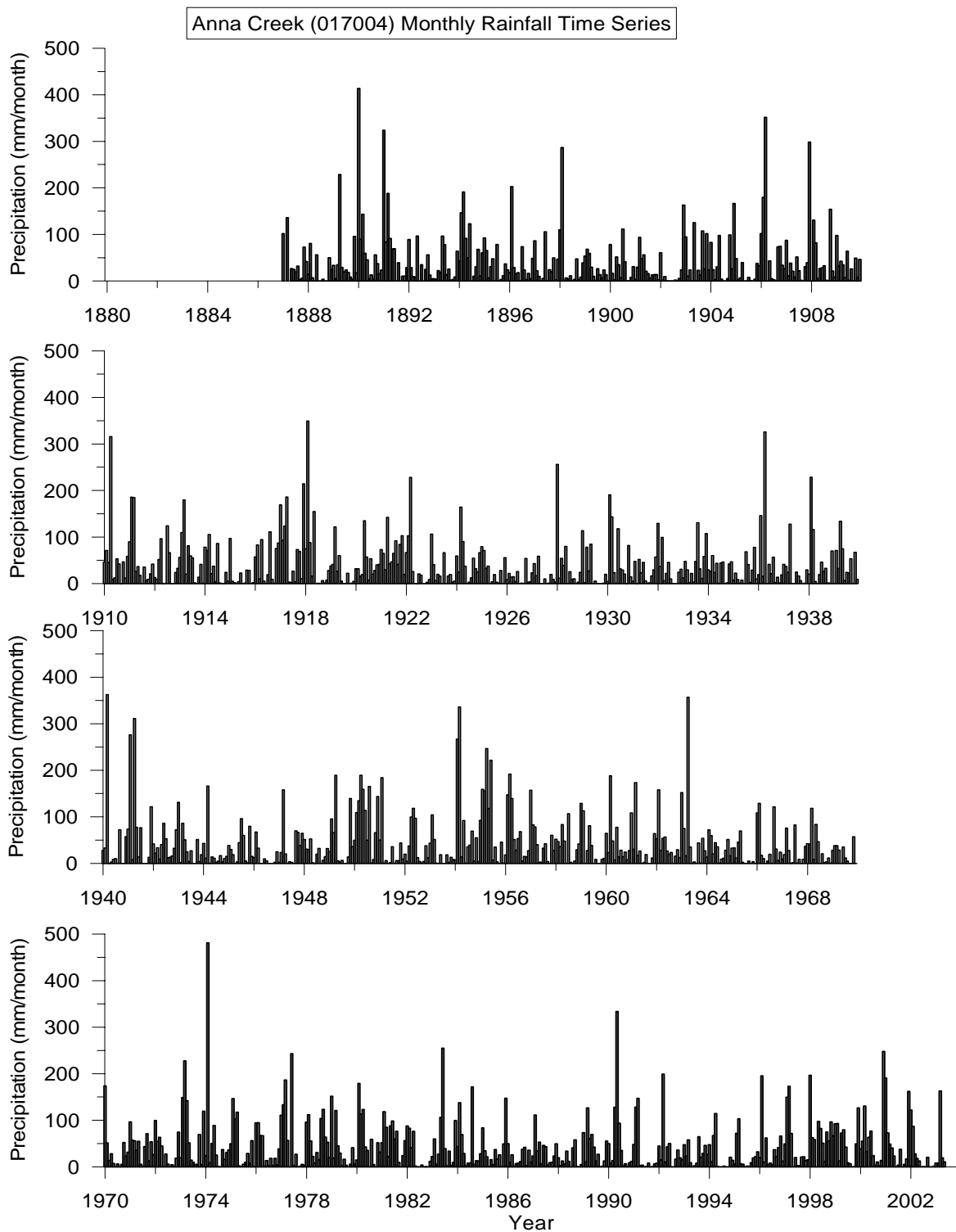
■ **Figure A-8 Birdsville (038002) Monthly Rainfall Time Series**



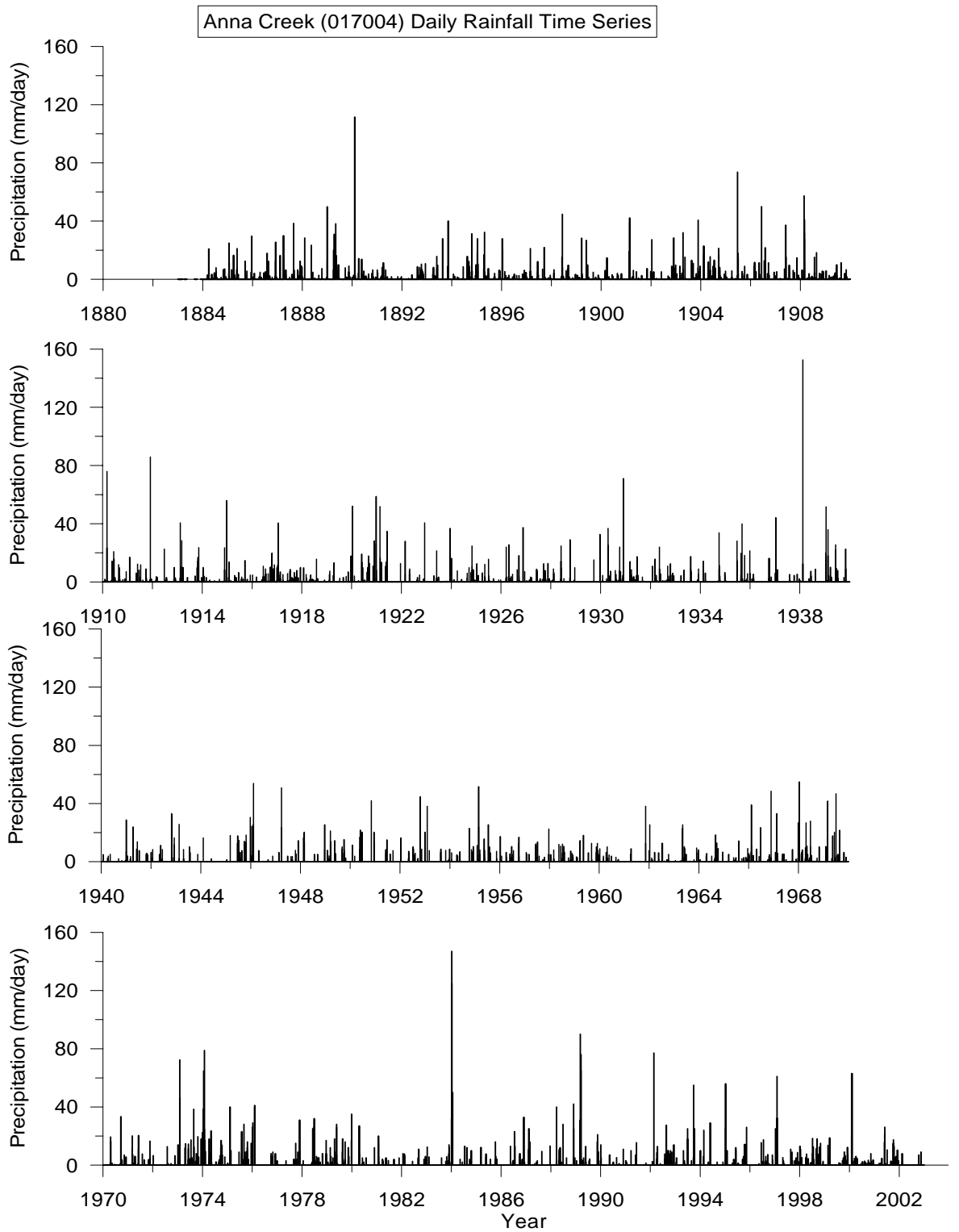
■ Figure A-9 Birdsville (038002) Daily Rainfall Time Series



■ **Figure A-10 Anna Creek (017004) Annual Rainfall Time Series**



■ **Figure A-11 Anna Creek (017004) Monthly Rainfall Time Series**

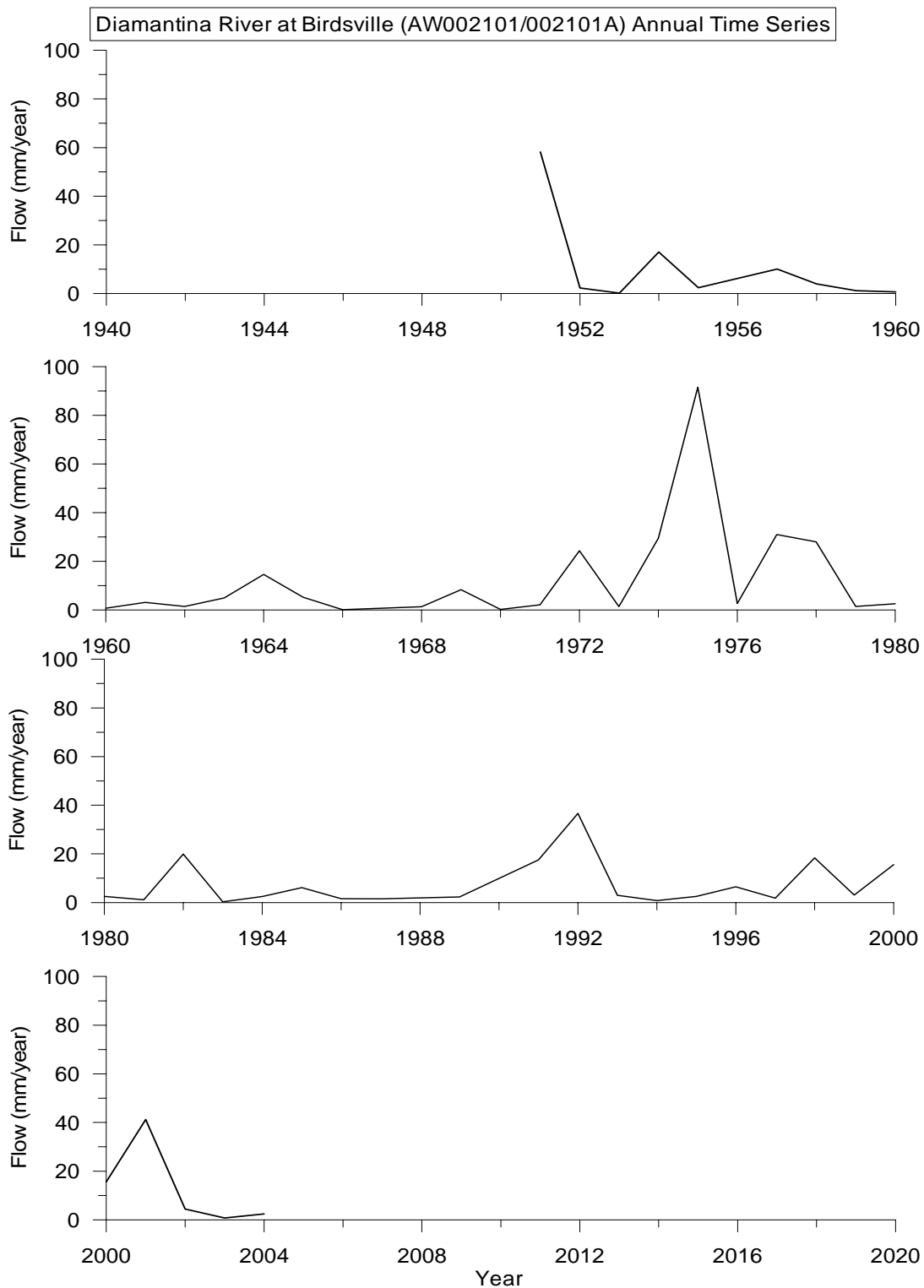


■ **Figure A-12 Anna Creek (017004) Daily Rainfall Time Series**

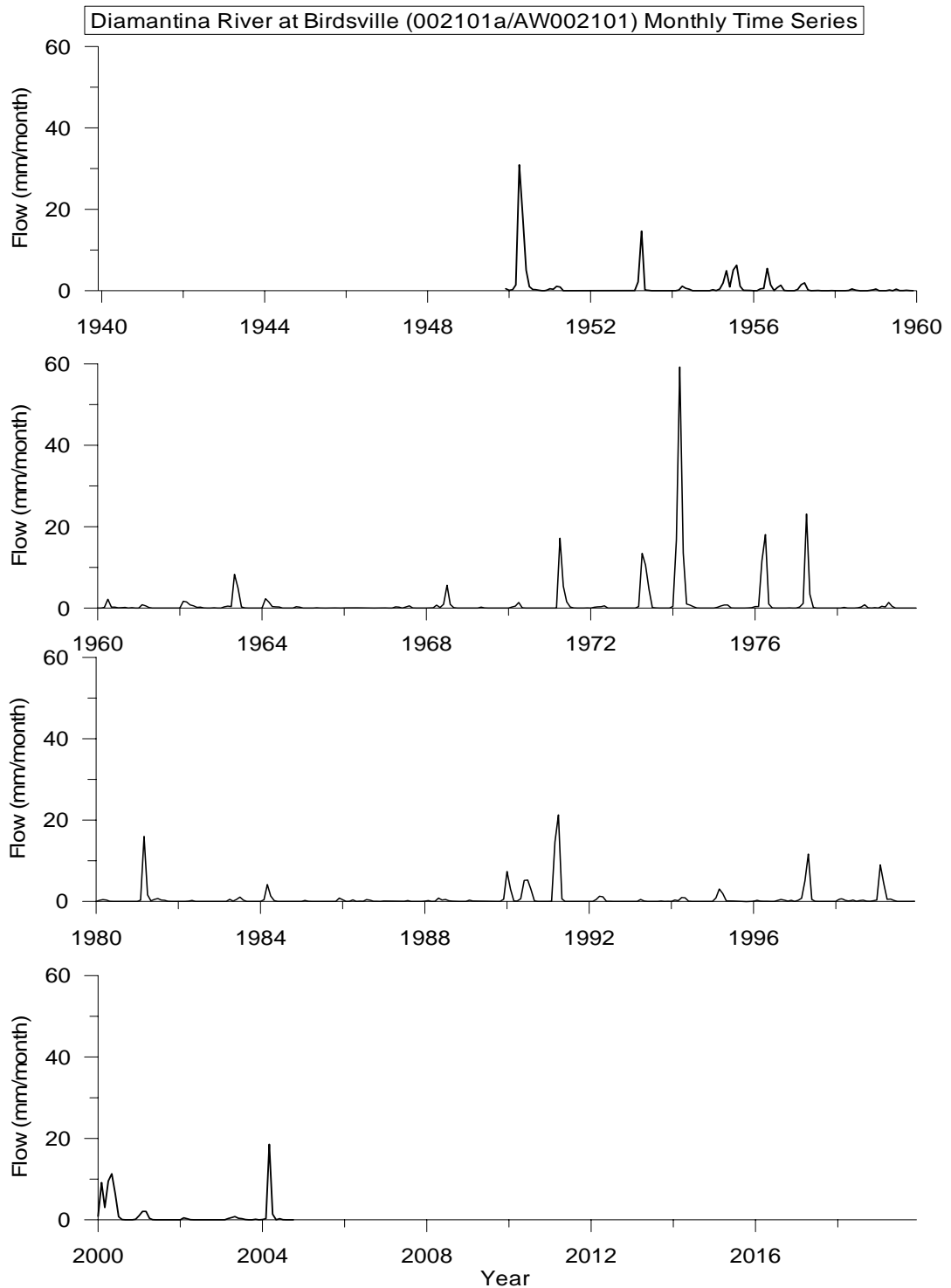


A.2 Streamflow Timeseries

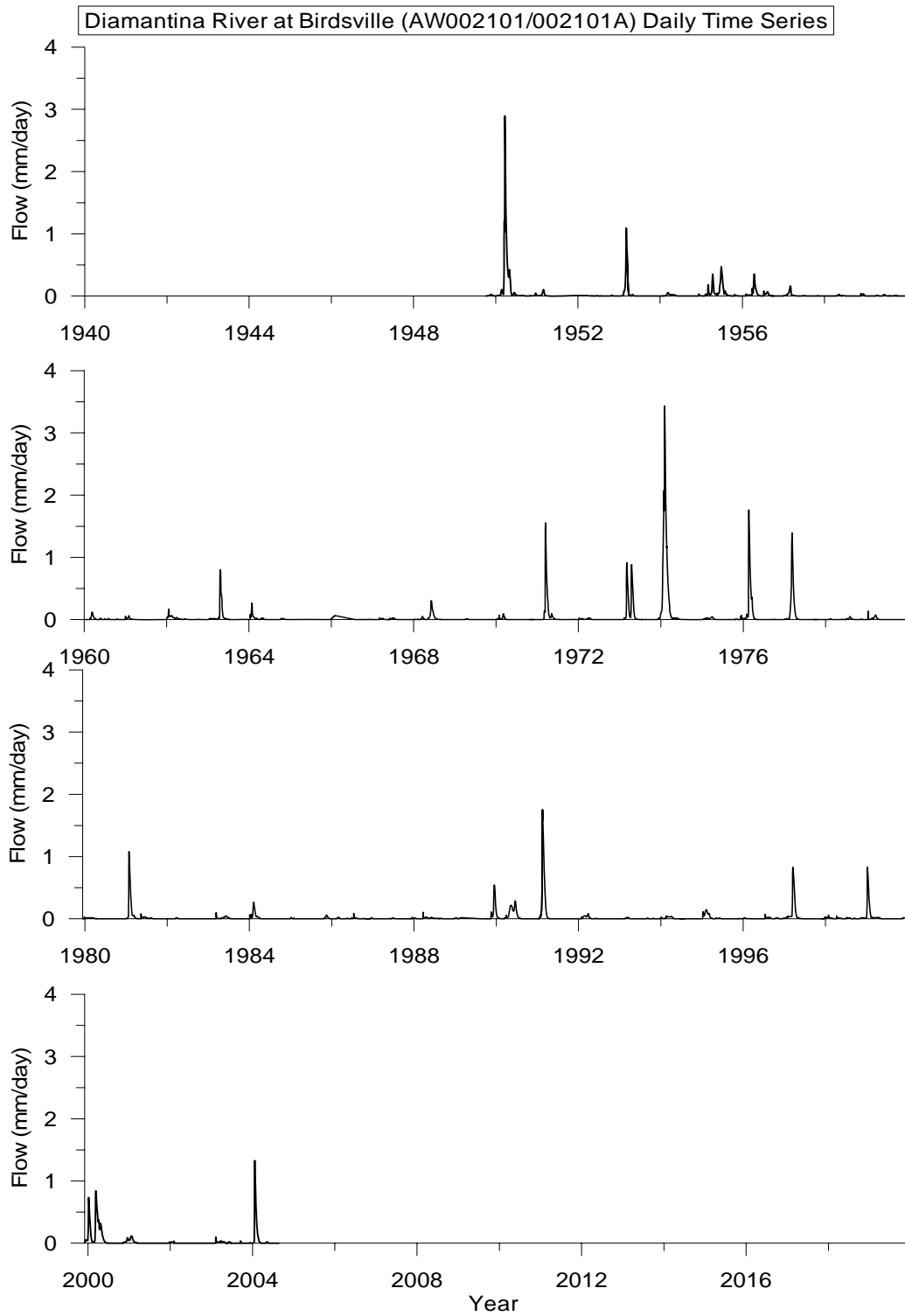
Timeseries plots for annual, monthly and daily streamflow on the Diamantina River at Birdsville, Cooper Creek at Callamurra (close to Innamincka), Thomson River at Longreach, and Todd River at Wigley Gorge (close to Alice Springs) are presented in Figure A13 to Figure A24.



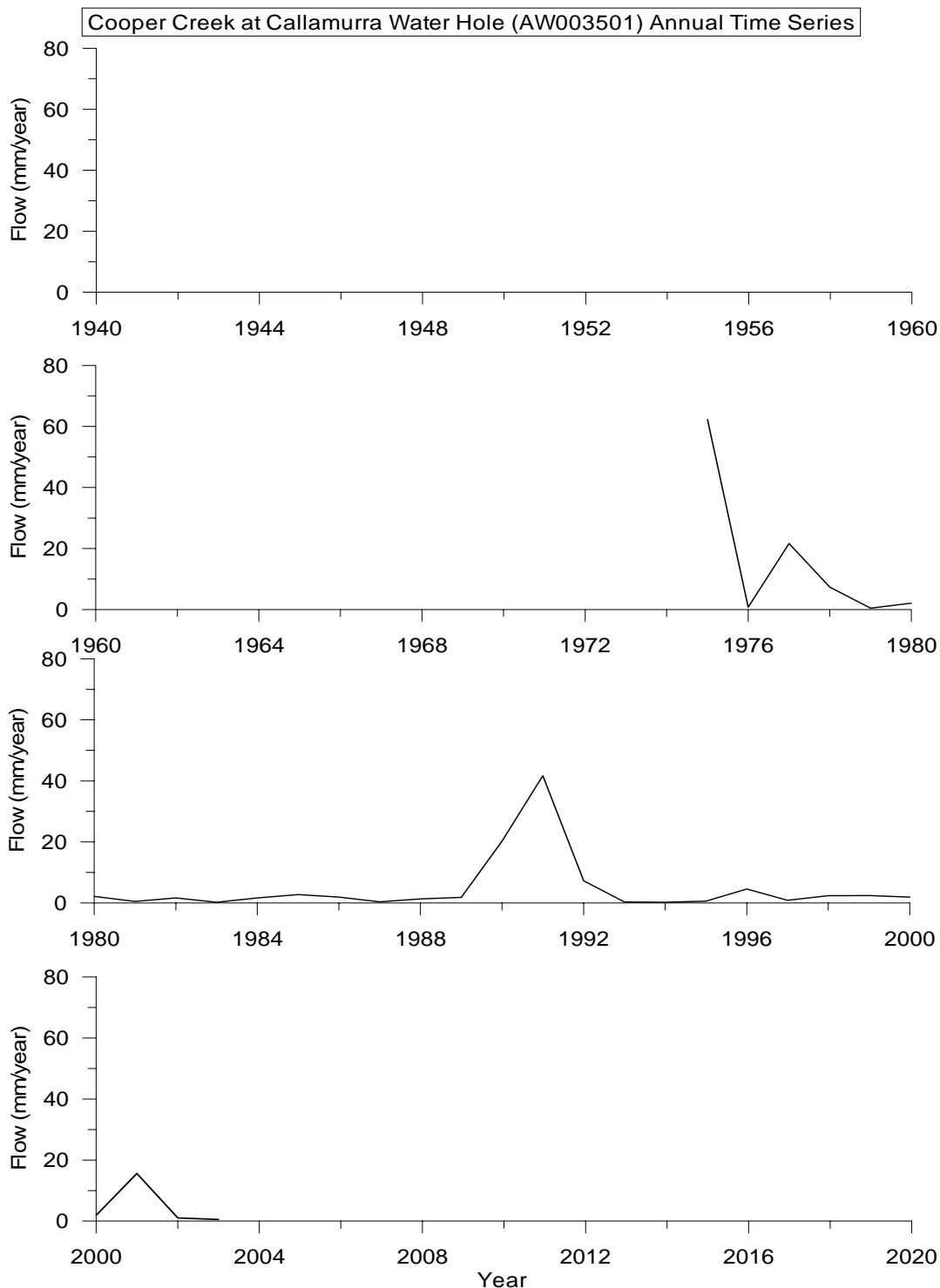
■ **Figure A-13 Diamantina River at Birdsville (AW002101/02101A) Annual Flow Time Series**



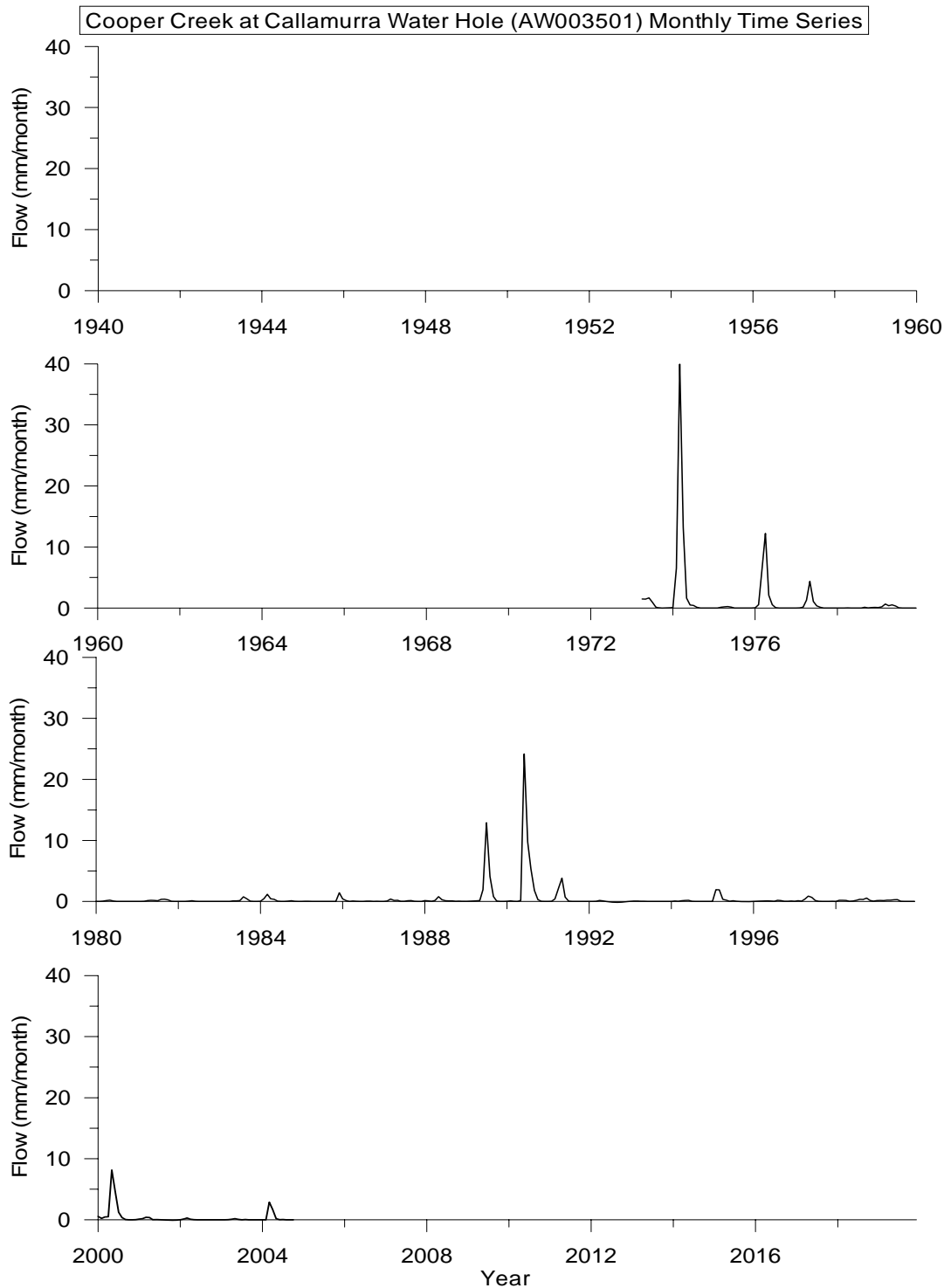
■ **Figure A-14 Diamantina River at Birdsville (AW002101/02101A) Monthly Flow Time Series**



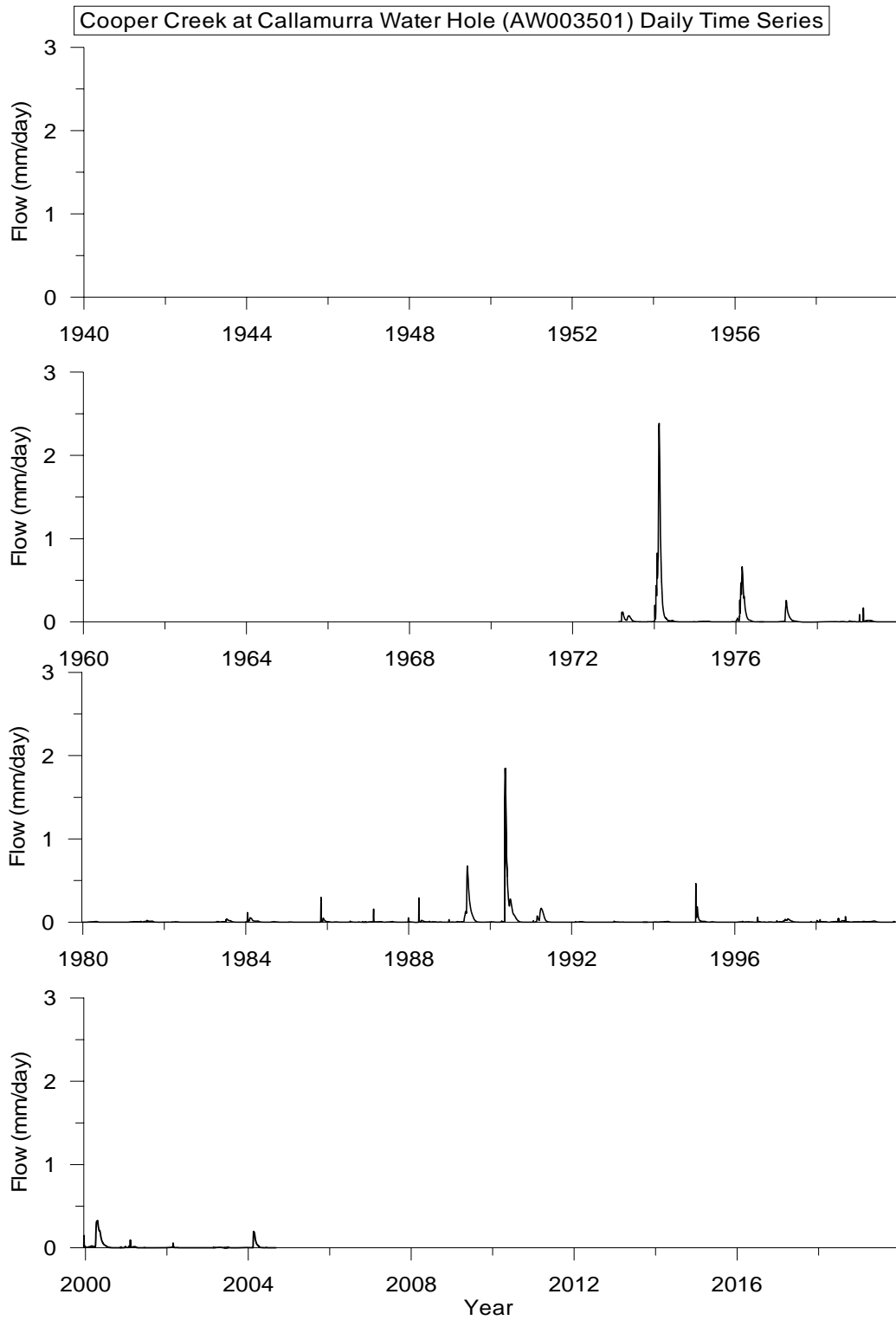
■ **Figure A-15 Diamantina River at Birdsville (AW002101/02101A) Daily Flow Time Series**



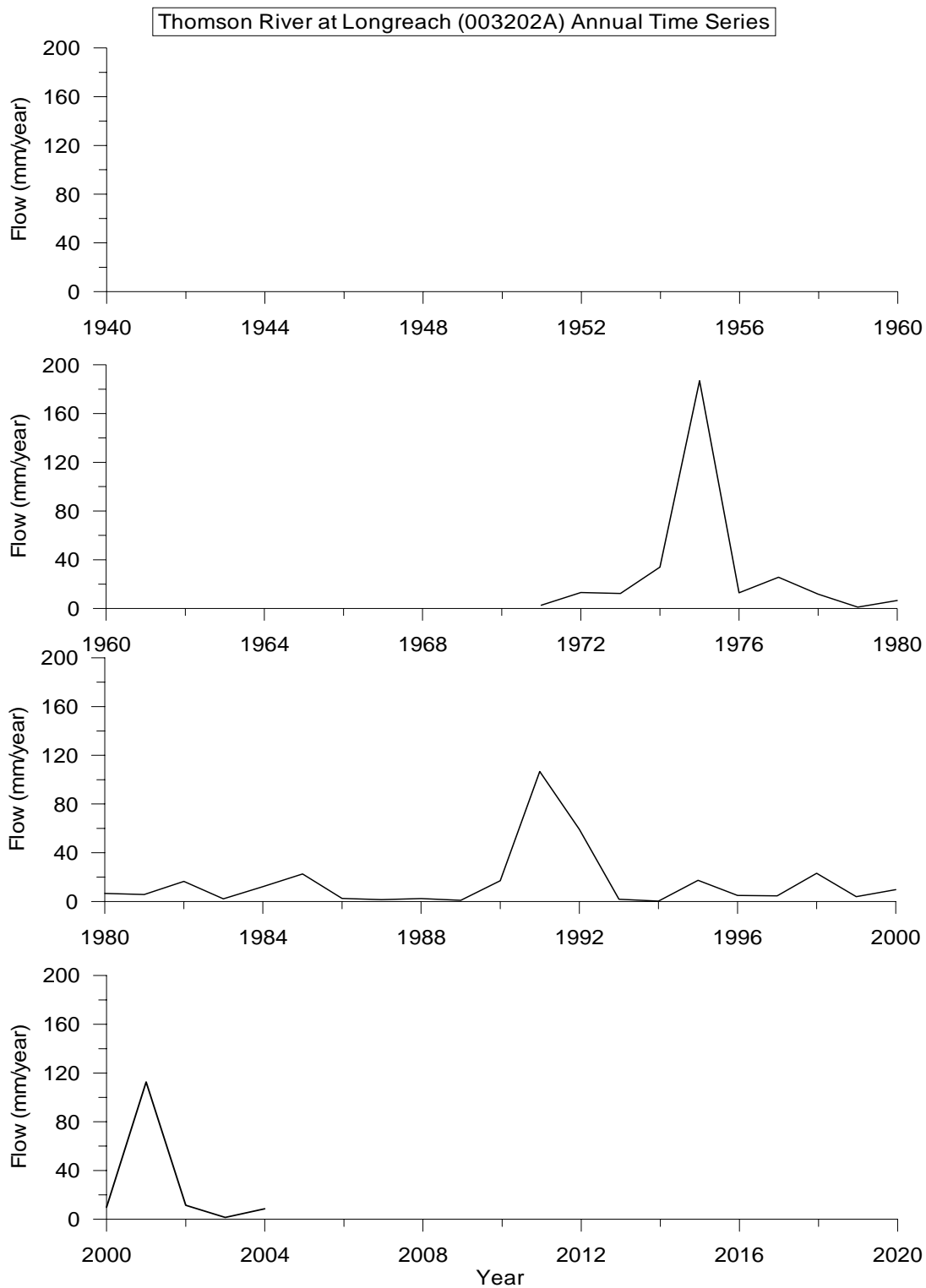
■ **Figure A-16 Cooper Creek at Callamurra Water Hole (AW003201) Annual Flow Time Series**



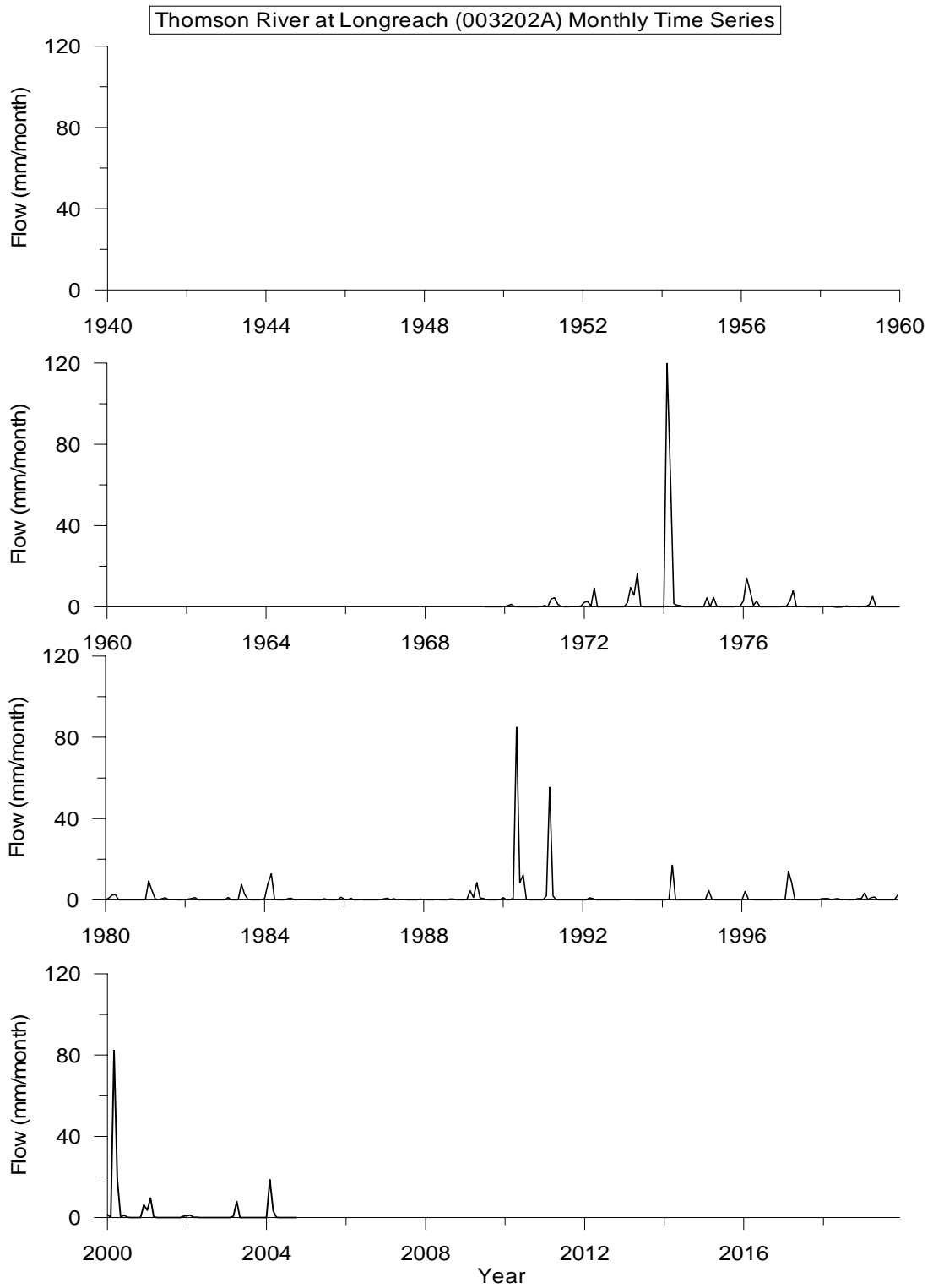
■ **Figure A-17 Cooper Creek at Callamurra Water Hole (AW003201) Monthly Flow Time Series**



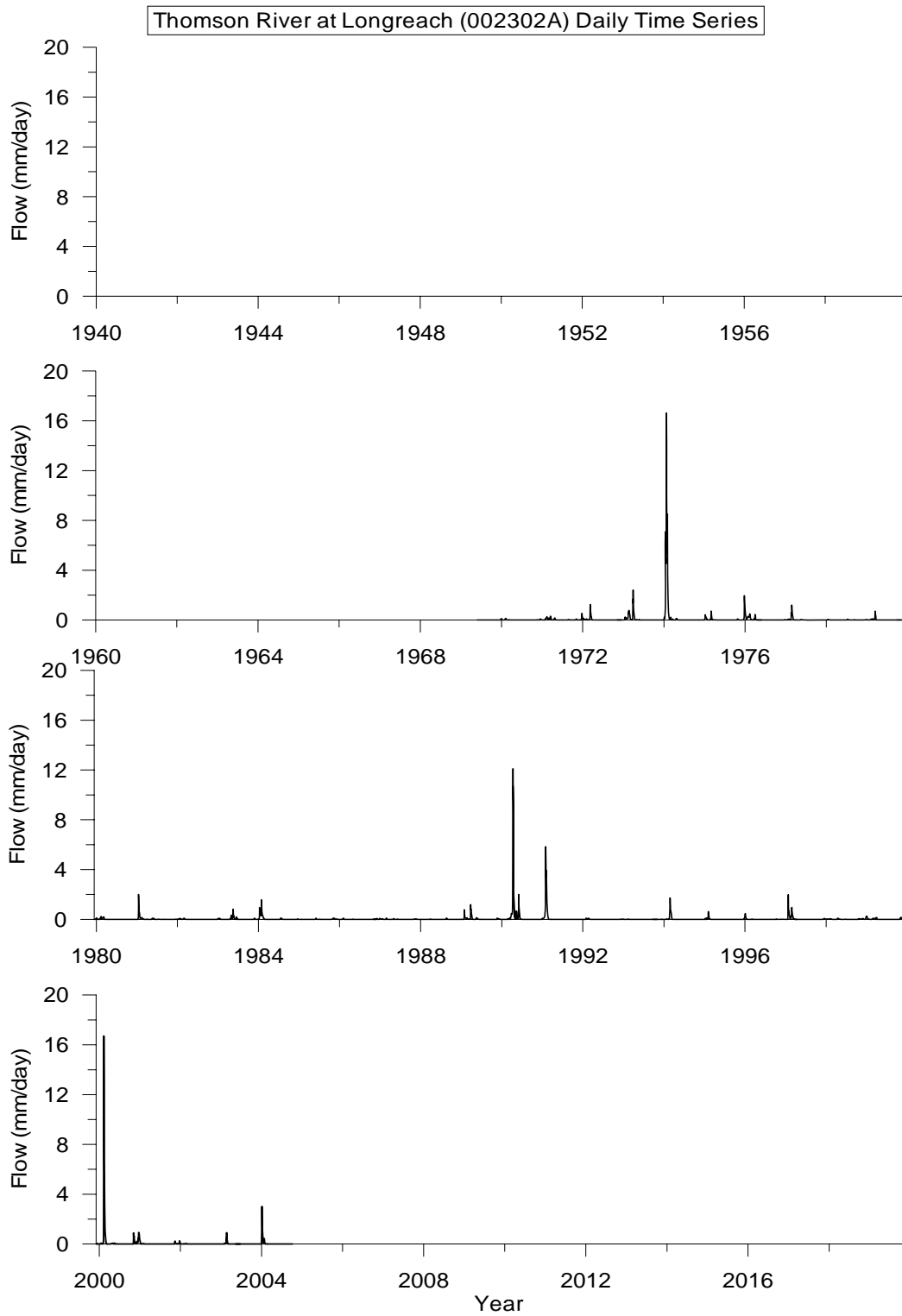
■ **Figure A-18 Cooper Creek at Callamurra Water Hole (AW003201) Daily Flow Time Series**



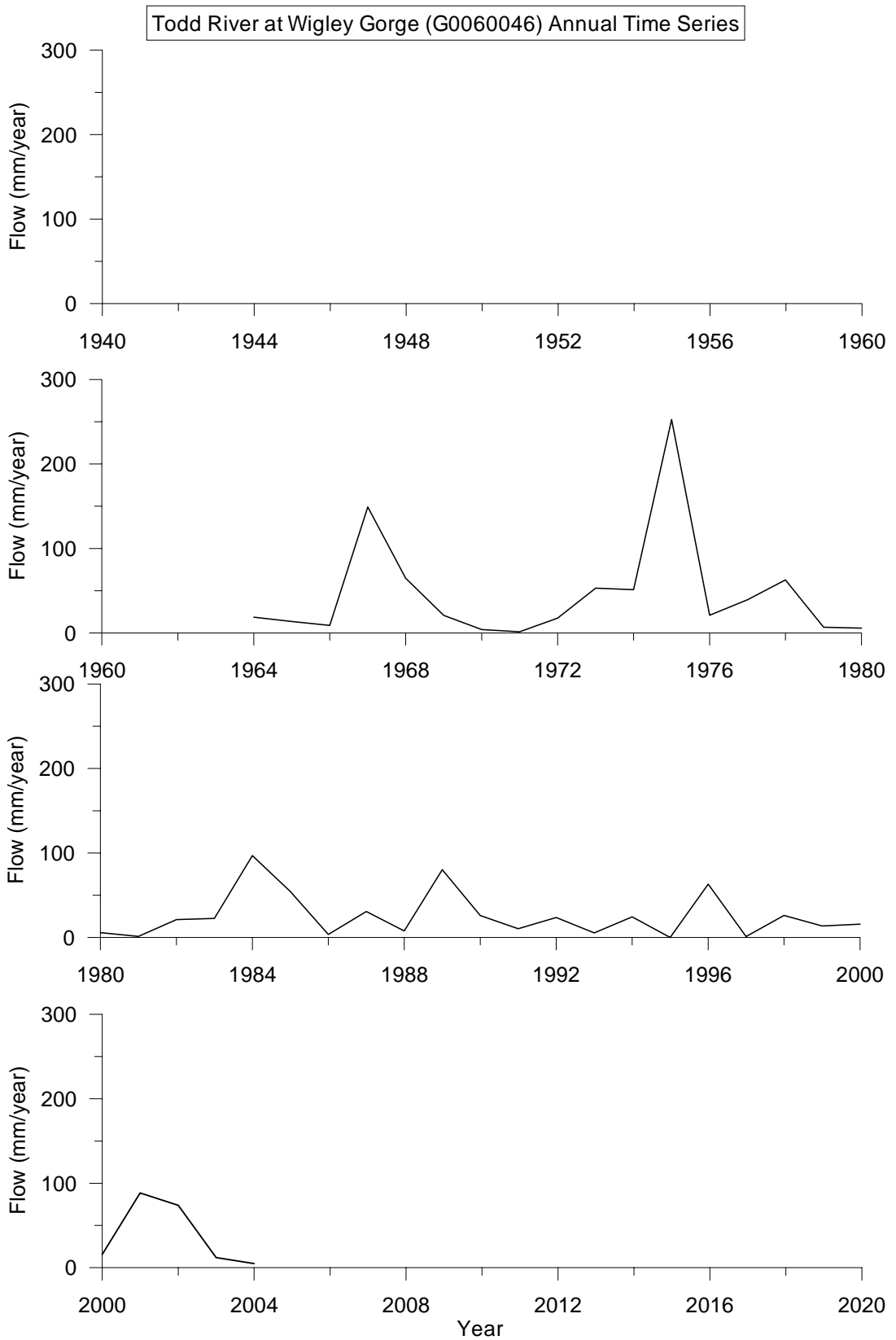
■ **Figure A-19 Thomson River at Longreach (003202A) Annual Flow Time Series**



■ **Figure A-20 Thomson River at Longreach (003202A) Monthly Flow Time Series**

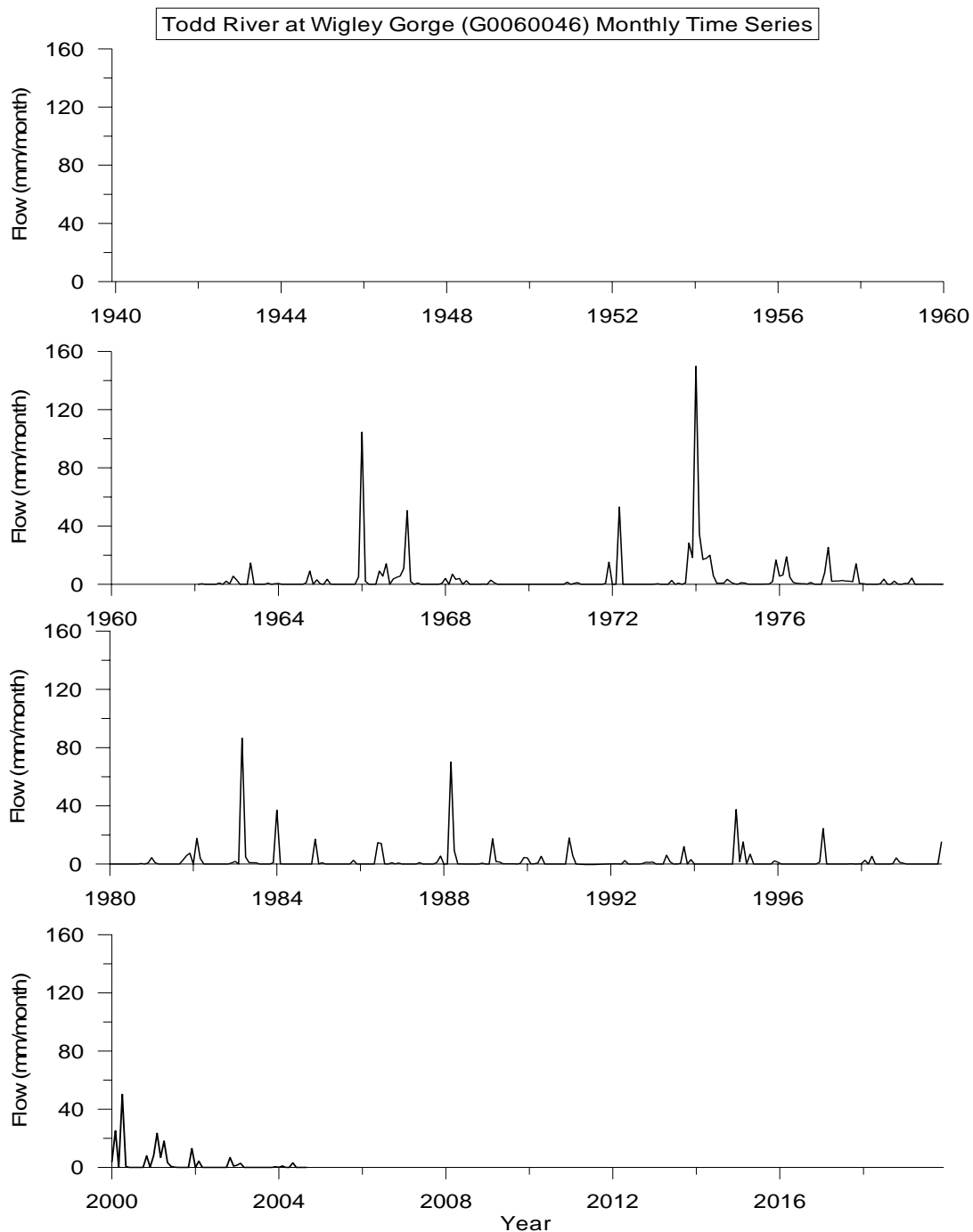


■ **Figure A-21 Thomson River at Longreach (003202A) Daily Flow Time Series**

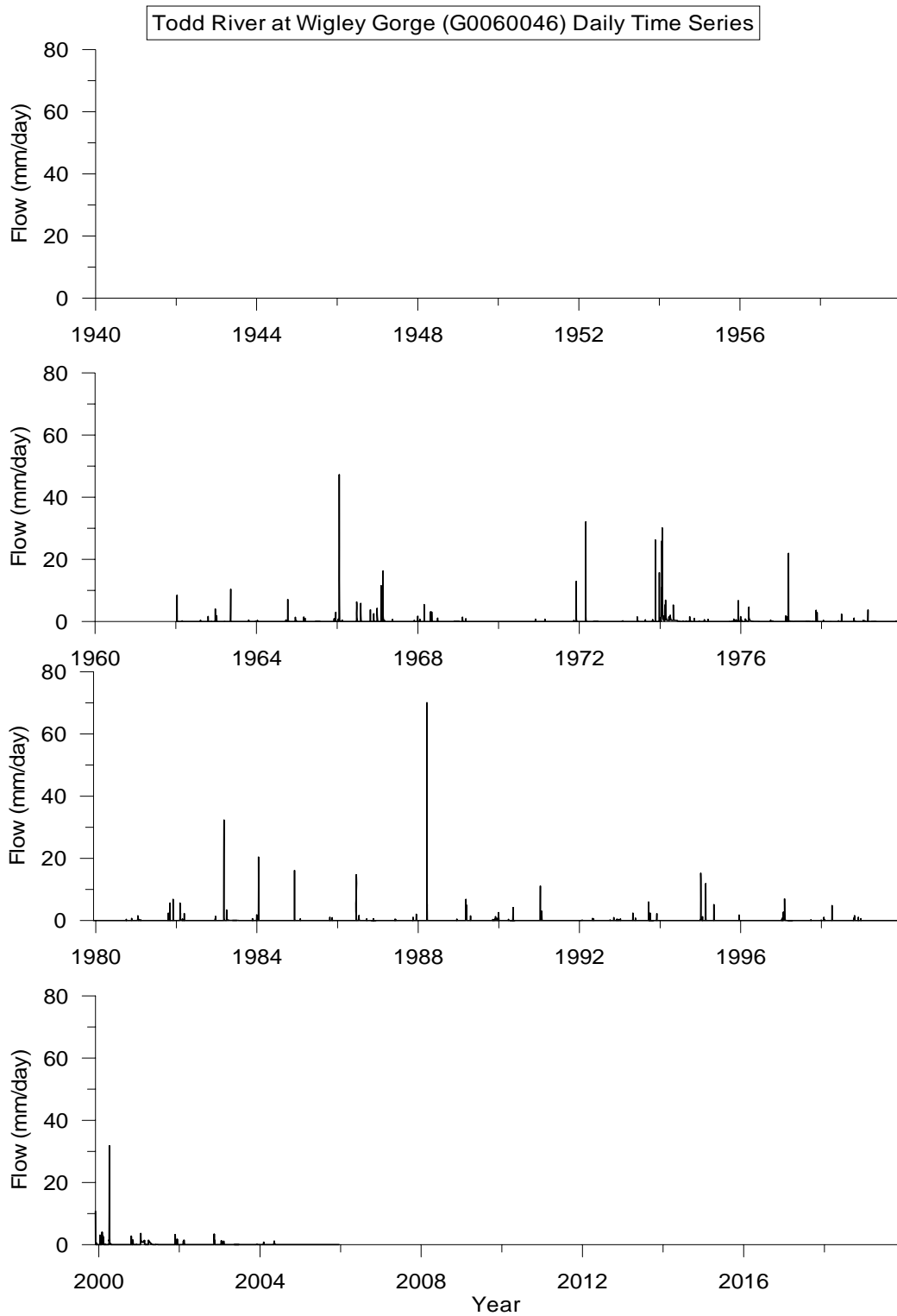




■ **Figure A-22 Todd River at Wigley Gorge (G0060046) Annual Flow Time Series**



■ **Figure A-23 Todd River at Wigley Gorge (G0060046) Monthly Flow Time Series**



■ **Figure A-24 Todd River at Wigley Gorge (G0060046) Daily Flow Time Series**



Appendix B Average Monthly Rainfall

The following table presents the average monthly rainfall at the selected stations within the Lake Eyre Basin. The values are presented in mm.

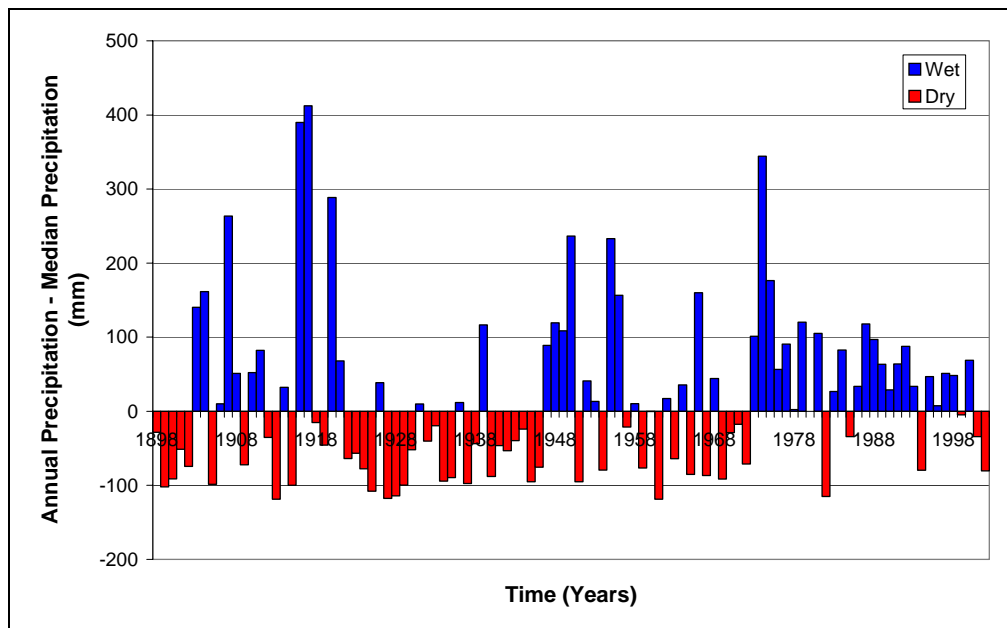
Station	January	February	March	April	May	June	July	August	September	October	November	December
015524	24.36	26.28	20.31	13.36	14.82	12.21	8.69	8.05	6.60	14.42	16.36	23.37
015531	36.34	30.60	24.66	15.36	18.47	12.75	10.64	7.85	7.51	17.31	24.91	32.02
015546	40.08	46.40	38.82	23.78	19.32	16.20	18.74	10.54	7.80	22.90	24.58	35.12
015600	21.74	27.22	23.83	12.26	13.18	10.98	9.59	8.17	6.69	15.71	10.48	22.04
015620	43.97	52.72	18.78	15.13	15.59	5.10	8.21	5.09	3.21	12.13	18.27	29.46
015624	22.23	31.64	28.72	15.09	17.73	15.40	11.42	10.71	10.23	18.08	15.26	29.50
017004	17.92	17.77	13.97	7.95	9.59	13.81	7.80	7.93	8.42	11.78	9.91	13.90
017019	28.24	26.52	17.67	11.08	8.43	8.86	7.98	5.76	4.45	11.28	12.58	16.02
017028	27.42	22.04	21.04	11.10	12.35	12.11	10.32	6.53	7.71	11.40	11.17	16.83
017030	18.82	22.45	11.04	8.00	8.02	11.17	6.91	6.14	6.96	8.63	8.74	14.90
017031	18.32	21.32	14.53	10.96	14.27	14.07	9.91	9.19	10.43	13.54	11.45	16.44
017067	15.63	17.58	15.20	7.41	10.04	12.89	8.43	5.06	5.72	10.07	11.14	11.80
020010	21.61	21.62	15.44	17.25	20.68	20.21	14.11	14.71	16.44	19.92	17.09	18.72
030041	109.15	102.07	57.51	25.89	18.44	19.13	12.23	7.15	8.24	20.49	39.82	67.66
030133	88.99	100.20	56.45	17.33	15.93	14.45	10.31	3.61	6.99	15.10	27.27	54.25
035069	79.90	74.87	58.19	37.58	33.66	26.73	25.91	17.62	18.73	33.48	45.95	66.03
036007	83.69	77.36	61.30	36.76	31.74	23.59	23.56	16.37	14.82	29.11	37.28	60.48
036037	86.49	82.34	60.60	30.93	23.61	19.24	17.06	9.64	11.92	22.39	32.76	50.58
037002	73.54	82.29	52.27	26.53	21.80	14.32	13.37	5.82	8.69	20.49	27.21	47.80
037005	64.36	59.34	50.30	26.46	22.79	16.96	14.36	7.10	11.69	20.59	24.06	38.22
037010	93.85	91.54	55.83	13.27	11.32	10.37	5.70	2.74	6.15	14.42	29.01	60.07
037024	61.45	64.85	39.10	11.91	12.41	8.94	8.43	3.92	5.55	13.73	21.01	36.20
038002	24.98	29.85	16.88	9.47	11.41	10.02	11.07	6.58	5.73	11.70	14.20	15.51
038003	46.95	51.36	37.44	14.40	13.27	10.27	9.55	5.75	7.05	15.66	21.39	30.18
038007	33.13	42.42	21.94	15.97	12.17	10.42	10.05	6.38	8.11	10.50	18.55	19.83
038010	37.74	45.46	23.10	8.27	12.03	7.42	8.91	4.16	4.39	13.47	13.61	26.51
038022	52.13	45.09	31.44	13.40	13.60	10.02	8.87	3.80	5.19	13.69	15.95	25.79
038024	39.60	49.91	39.68	19.77	18.36	16.18	15.16	9.88	10.53	18.26	20.85	29.98
045011	38.33	40.27	30.72	20.12	17.70	16.15	12.86	10.47	10.15	16.39	22.63	24.43
046003	19.56	19.72	14.98	14.23	21.87	17.93	15.60	15.65	15.02	18.73	16.93	20.22
046006	22.00	24.87	17.42	9.75	13.74	13.89	12.77	8.99	10.50	15.41	10.71	16.66



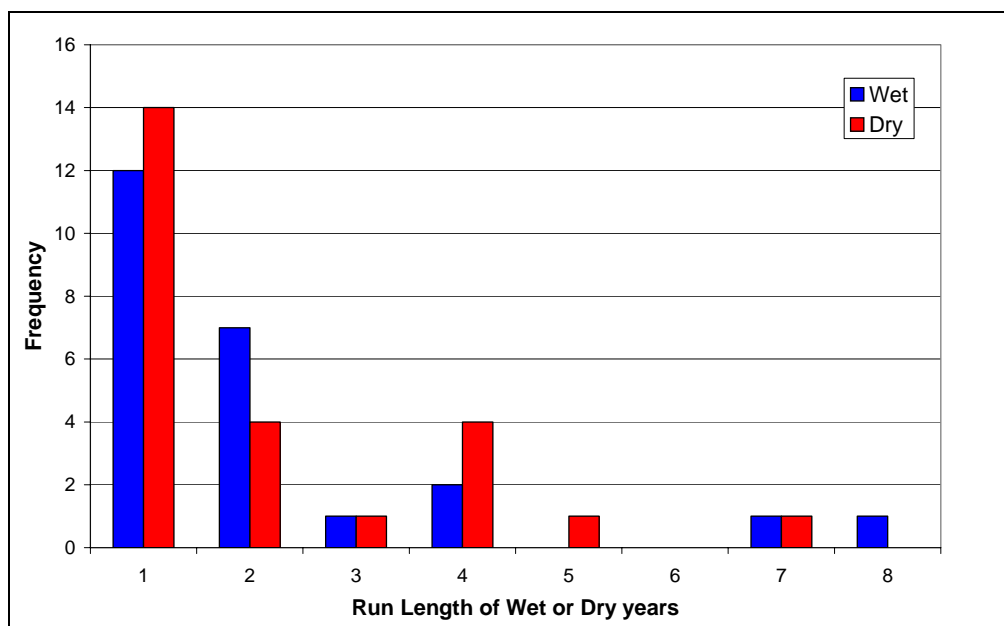
Appendix C Wet / Dry Spell Length and Cumulative Surplus / Deficit Analysis

This appendix provides details about the techniques used and some intermediate results for the wet and dry run length analysis of Section 3.3.1.

The annual median and frequencies of runs of consecutive wet or dry years were calculated for the gridded annual rainfall and the longest continuous (no missing years) record length (N) at each selected annual rainfall station. Figure B-1 shows an example time series of annual rainfall relative to the median for the Birdsville Police Station ($N = 105$). Figure B-2 shows the frequency distribution of run lengths of wet and dry years for the same station.



■ **Figure C-1 Time series of annual rainfall relative to the median ($N = 105$) for Birdsville Police Station (38002).**



■ **Figure C-2 Frequency distribution of run lengths of wet and dry years for Birdsville Police Station (38002).**

It is not clear from Figure B-1 and Figure B-2 whether the annual rainfall record at Birdsville Police Station contains run lengths of wet and dry years that are similar to, or have a bias toward longer or shorter run lengths than expected, for a series that can be described by a random or first-order linear autoregressive, AR1, model. To compare the distribution of wet and dry run lengths at a station with other stations and with a theoretical model (eg: random or AR1), the run length skewness (g) developed in Peel *et al.* (2004) is calculated for the annual gridded and selected rainfall station data. The run length skewness is an objective summary statistic of the frequency distribution of runs and is defined as:

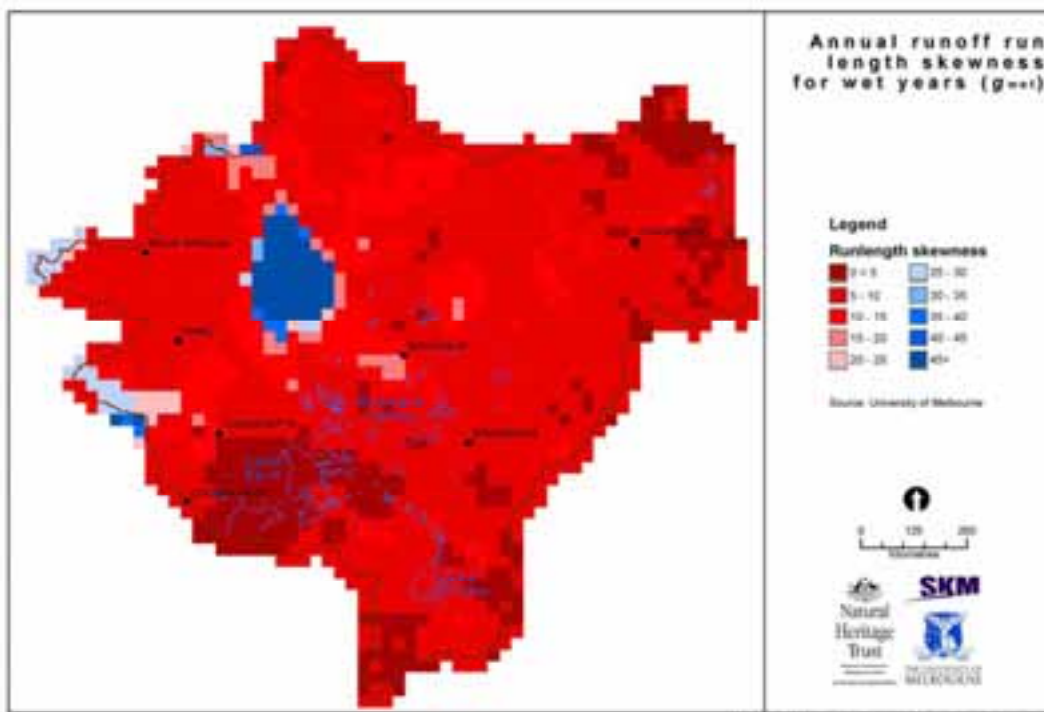
$$g = \frac{\sum_{i=1}^j a_i b_i^3}{N-1} \quad (1)$$

where a_i is the frequency of run length b_i and j is the longest observed run length. For the Birdsville Police Station data the run length skewness for wet years $g_{wet} = 10.4$ and for dry years $g_{dry} = 7.7$. Based on the raw g_{wet} and g_{dry} values the annual rainfall at Birdsville tends to have longer runs of wet years than dry years. Confidence intervals for estimates of g relative to a random (population lag-one serial correlation $\rho_1 = 0$) or AR1 ($\rho_1 \neq 0$) process were simulated in Peel *et al.* (2004) for a range of sample sizes and ρ_1 values.

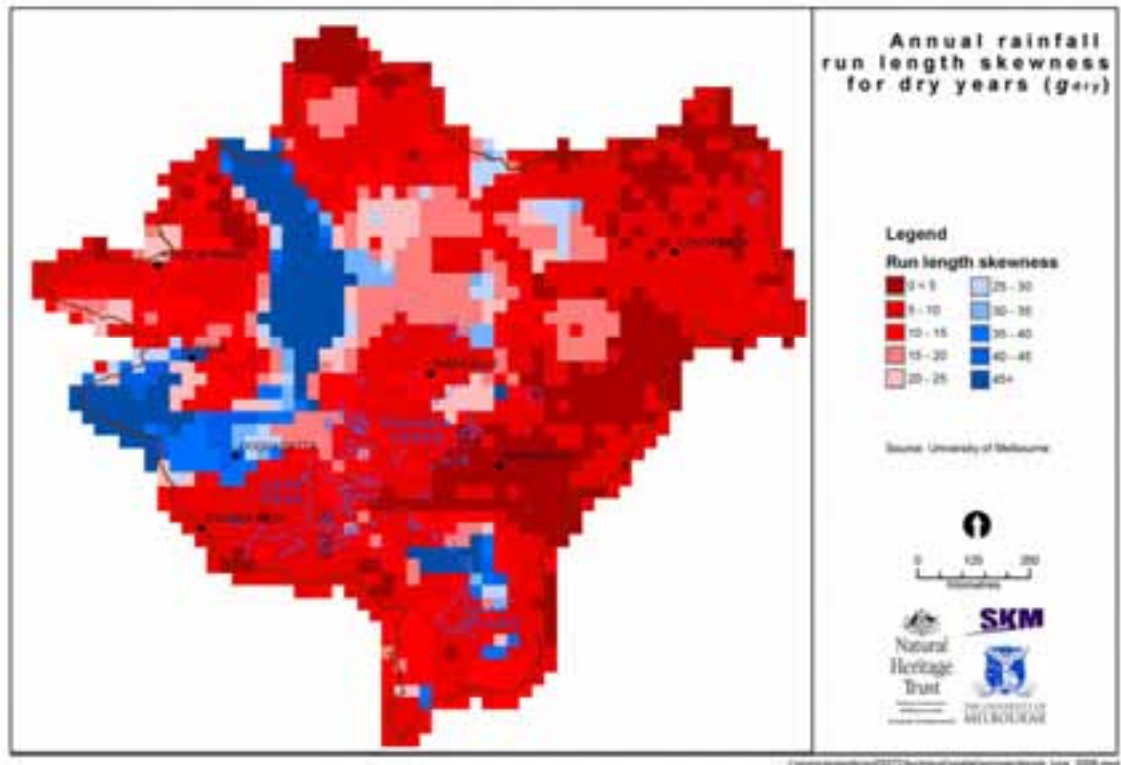


The sample lag-one serial correlation (r_1) = 0.213 at Birdsville is significantly different from $r_1 = 0$ at the 5% level of statistical significance (using the significance test of Yevjevich, 1972), so the annual rainfall at Birdsville is not described by a random process. The 90% confidence interval for g at Birdsville Police Station with $N = 105$ and $r_1 = 0.213$ is $g_{5\%} = 4.4$ and $g_{95\%} = 15.1$ (see Peel *et al.*, 2004 for equations). The 90% confidence interval for g is applicable for both g_{wet} and g_{dry} . Since the observed values of g_{wet} and g_{dry} fall within the 90% confidence interval for g , then the run lengths observed in the annual rainfall at Birdsville, for wet and dry years, are consistent with expectations for an AR1 process with $r_1 = 0.213$.

Figure B-3 and Figure B-4 show the run length skewness for wet (g_{wet}) and dry (g_{dry}) years respectively for the gridded annual rainfall data. The most striking similarity between the two figures is the region of high g_{wet} and g_{dry} in the Simpson Desert, which is a result of the unusually high values of r_1 noted previously (Figure 3-7 of the main document) in this region for the gridded annual rainfall data. Generally g_{dry} is greater than g_{wet} at a grid cell from the north central part of the catchment through the west to the south of the LEB, indicating that runs of dry years are longer than runs of wet years in these regions. The difference between g_{dry} and g_{wet} at a grid cell is not consistently positive or negative in the east of the LEB.



■ **Figure C-3 Annual rainfall run length skewness for wet years (g_{wet}).**



■ **Figure C-4 Annual rainfall run length skewness for dry years (g_{dry}).**

The 90% confidence intervals for g (results presented in Figures 3-10 and 3-11 of the main document) were calculated for each grid cell based on the formulas given in Peel *et al.* (2004), with sample size $N = 103$ (the number of years of gridded annual rainfall data) and the grid cell sample r_1 from Figure 3-7 of the main document. The g_{dry} and g_{wet} for each grid cell were compared to the 90% confidence intervals in order to determine if the run lengths observed are significantly different from those expected from an AR1 model with $r_1 =$ to the grid cell value.

In a global analysis of annual rainfall run magnitude and severity Peel *et al.* (2005) used the reservoir system vulnerability developed by Hashimoto *et al.* (1982) as a metric of run magnitude at each rainfall station. Vulnerability is a measure of the likely magnitude of a reservoir failure if a failure occurs. A reservoir system failure is defined as not being able to meet a predetermined demand D . Following Hashimoto *et al.* (1982) and McMahon and Adeyoye (2005), vulnerability is defined as



$$\eta' = \frac{\sum_{k=1}^{f_n} \max(sh_k)}{f_n} \quad (2)$$

where η' is the vulnerability, f_n is the number of continuous failure sequences and $\max(sh_k)$ is the maximum deficit during the k th continuous sequence. The dimensionless form of vulnerability, used in this analysis, is

$$\eta = \frac{\eta'}{D} \quad (3)$$

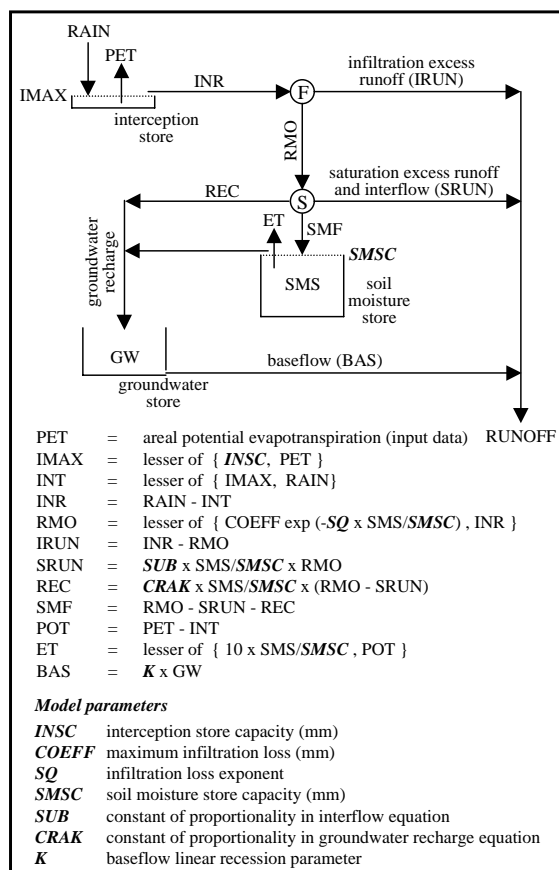
In this analysis we define D as the median annual rainfall so that a 'failure' is any value equal to or below the median (a dry year, as previously defined). The maximum deficit ($\max(sh_k)$) for each failure (run length of dry years) is the year in the run length with the largest deviation from the median. At Birdsville Police Station (see Figure 3-12 of the main report) the vulnerability $\eta = 0.53$. The dimensionless form of vulnerability has the useful feature of summarizing the run magnitude behaviour of a station into a single number ranging from 0 to 1, which allows simple comparison against other stations. The vulnerability metric is only applied to dry years in this analysis.



Appendix D The SIMHYD Model

SIMHYD is a lumped conceptual daily rainfall-runoff model. SIMHYD simulates daily runoff (surface runoff and baseflow) using daily precipitation and potential evapotranspiration as input data. SIMHYD is one of the most commonly used rainfall-runoff models in Australia, and has been extensively tested using data from across Australia (Chiew et al., 2002). SIMHYD is one of the rainfall-runoff models in RRL (Rainfall-Runoff Library), a software product in the Catchment Modelling Toolkit (www.toolkit.net.au/rrl).

The structure of the SIMHYD model with the seven model parameters highlighted in bold italics is presented in Figure D-1. In the model, daily rainfall is first intercepted by an interception store. The maximum daily interception is the lesser of the interception store capacity and potential evapotranspiration. Incident rainfall occurs only when daily rainfall exceeds the maximum daily interception.



■ Figure D-1 Lumped conceptual daily rainfall-runoff model, SIMHYD

The incident rainfall is then subjected to an infiltration function. The incident rainfall that exceeds the infiltration capacity becomes infiltration excess runoff. The remaining moisture is subjected to



a soil moisture function that diverts water to the stream (as saturation excess runoff and interflow), groundwater store (recharge) and soil moisture store. The saturation excess runoff/interflow is first estimated as a linear function of the soil wetness (soil moisture level divided by the soil moisture store capacity). The equation used here attempts to mimic both the interflow and saturation excess runoff processes (with the soil wetness used to reflect parts of the catchment that are saturated from which saturation excess runoff can occur). Groundwater recharge is then estimated, also a linear function of the soil wetness. The remaining moisture flows into the soil moisture store.

Evapotranspiration from the soil moisture store is estimated as a linear function of the soil wetness, but is not allowed to exceed the potential rate (potential evapotranspiration less intercepted water). The soil moisture store has a finite capacity and overflows into the groundwater store. Baseflow from the groundwater store is simulated as a linear recession from the store.

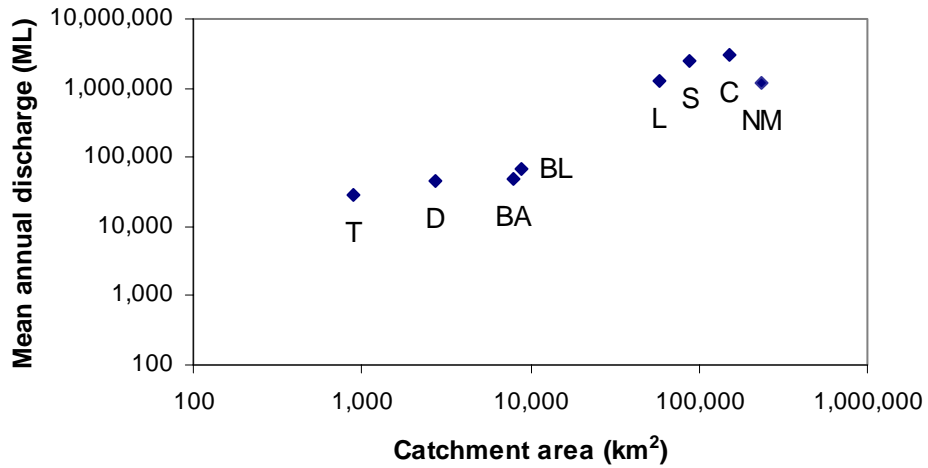
SIMHYD simulates three components of runoff: infiltration excess runoff; saturation excess runoff/interflow; and baseflow. The infiltration excess runoff and saturation excess runoff/interflow are considered as surface runoff and baseflow is considered as subsurface runoff.



Appendix E Transmission Losses

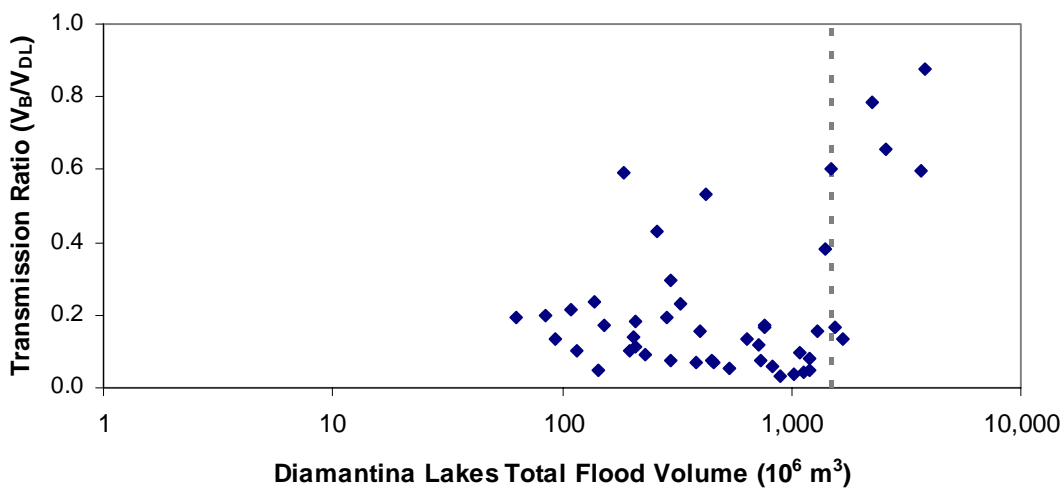
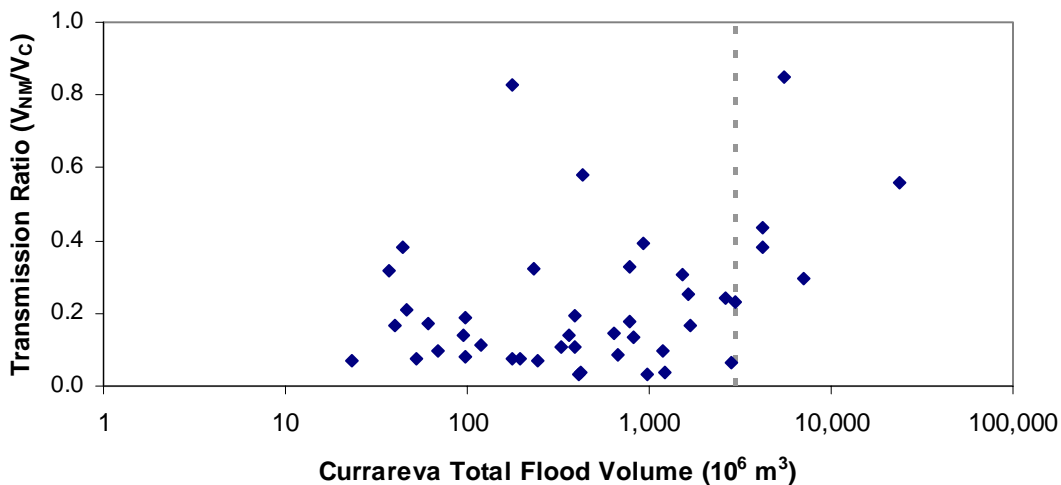
A major feature of the large rivers of the Lake Eyre Basin is their large transmission losses that vary non-linearly with discharge. A systematic decrease in flood discharge with distance travelled downstream is not uncommon with many arid zone rivers, particularly if tributary input also decreases downstream. However, in the upper reaches of the LEB rivers, discharge increases with increasing catchment area. The change from a positive relationship between flood discharge and catchment area to a negative relationship in the major rivers of the LEB coincides with the junctions of the major tributaries of the rivers. Downstream of these junctions, the river/floodplain width widens dramatically (known as the 'Channel Country'), fewer large tributaries occur and the river flows through more arid areas. This change in transmission behaviour is illustrated for the Cooper Creek catchment in Figure C-1 where the mean annual discharge (ML) is plotted against catchment area (km^2) for all gauging stations in this catchment with records of greater than 12 years. The mean annual discharge increases as catchment area increases for all stations in the upper reach up to Currareva (near Windorah). Immediately upstream of the Currareva gauging station, the major tributaries of Cooper Creek (Thomson and Barcoo Rivers) join. Between Currareva and the next gauging station (Nappa Merrie), mean annual discharge decreases. A similar pattern occurs in the Georgina River, with mean annual discharge increasing with catchment area up to the junction of the Georgina River with two of its major tributaries; Burke and Hamilton Rivers. In the Diamantina River catchment there are insufficient gauging stations to determine this relationship but discharge decreases with increasing catchment area between Diamantina Lakes and Birdsville, downstream of the junction of a major tributary (Mayne River).

The transmission loss behaviour of flood events in the 'Channel Country' (middle reaches) of the large rivers is illustrated for Cooper Creek and the Diamantina River (Figure C-2). Following the approach of Knighton and Nanson (1994), the analysis of transmission loss using gauging station data utilised an event-based methodology. The correlation of pulses over the long reaches was facilitated by the flow occurring as discrete events and often starting and ending in zero flow at the upper and lower ends of the reach. Correlated flow events often contained more than one peak (particularly at the upstream gauging station) but generally had one well-defined maximum flow pulse peak at the downstream end. In Figure C-2, data on the correlated pulses is plotted as the ratio of the total downstream to upstream flow volume (y-axis) against the upstream total flow volume (x-axis). Flow pulses generated from runoff within the reach were excluded as much as possible from the analysis. These pulses were identified by having very high ratios of peak discharge to total volume at the downstream gauging station, or having a ratio of downstream to upstream volume greater than one. The latter only occurred in the Diamantina reach.



■ **Figure E-1. Relationship between catchment area and mean annual discharge for gauging stations in Cooper Creek.**

Gauging stations are coded as following: NM-Nappa Merrie, C-Currareva, S-Stonehenge, L-Longreach, BL-Blackall, BA-Barcaldine, D-Darr, T-Torrens. All data from Queensland Natural Resources and Mines.



■ **Figure E-2. Transmission losses for Currareva to Nappa Merrie reach of Cooper Creek (upper panel) and Diamantina Lakes to Birdsville reach of the Diamantina River (lower panel).**

The graphs show the ratio between the downstream and upstream total volume of the flood pulse on the y-axis ('Transmission Ratio') and the upstream total volume of the flood pulse is shown on the x-axis. Also shown are the $1500 \times 10^6 \text{ m}^3$ (Diamantina River) and $3000 \times 10^6 \text{ m}^3$ (Cooper Creek) threshold volumes.



The mean ratio between upstream and downstream flow volumes was similar for both reaches with the Cooper Creek reach having a mean value of 0.23 and the Diamantina River reach having a mean value of 0.22. Three main points stand out in Figure C-2 for both reaches:

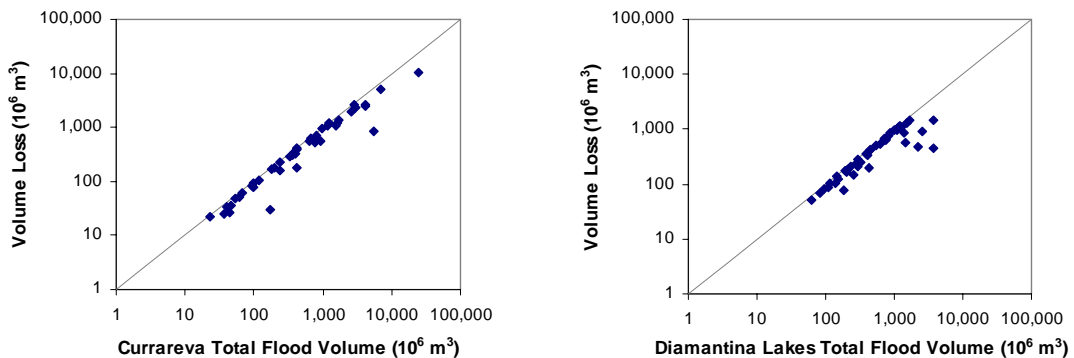
- The transmission throughput varies non-linearly with flood size and in a similar fashion for both rivers. For both reaches, the transmission throughput generally declines as flood event volume increases towards a threshold value (see next point) before generally increasing at flow volumes above the threshold value.
- Transmission losses are generally very high for floods below a threshold of approximately $1500 \times 10^6 \text{ m}^3$ (Diamantina River) to $3000 \times 10^6 \text{ m}^3$ (Cooper Creek) reaching levels of 96% loss for both rivers (see Figure C-2). For the Diamantina reach, flood volumes close to the threshold value represent events that utilise much of the available floodplain but do not receive any significant in-reach runoff (Costelloe *et al.*, 2003).

There is considerable scatter in the data. Much of this scatter can be attributed to significant in-reach runoff being generated for some events, particularly at transmission ratios of greater than 0.4. Knighton and Nanson (1994) postulated that slightly higher transmission ratios at lower flood volumes may be due to lower transmission losses for flow events largely confined to the primary channel network. For very large floods (above the volume threshold discussed above), the contribution of in-reach runoff also increases due to heavier rainfall in the lower reaches associated with large floods (southerly incursion of the rain bearing systems). For instance, the mid-Diamantina reach shows a positive correlation (adjusted $R^2=0.69$, $p=0.002$) between the annual rainfall within the reach and the ratio between the annual outflow volume (Birdsville) and the annual inflow volume (Diamantina Lakes).

The relationship between absolute transmission loss volumes (i.e. upstream flood volume minus downstream flood volume) and the upstream total flood volume is also examined for the two reaches (Figure C-3). The near-linear relationship between absolute transmission losses and upstream flow pulse volume indicates that no apparent threshold effects occur with transmission losses as flood size increases. Threshold effects may be expected above bankfull discharge when floodplain inundation and storage occurs. The apparent absence of such effects suggests that the transmission loss–discharge relationship mostly reflects the increase in inundated area with discharge as flow is spread across a number of channels. The increase in floodplain storage is likely to be more incremental for the anastomosing rivers of the LEB ‘Channel Country’ than in rivers with a single primary channel. Scarcity of satellite data during the period of analysis (1966-1988) prevented the relationship between inundated area and discharge from being comprehensively tested. The increased scatter at large flood volumes shown by the Diamantina reach data coincides with very large flood events associated with increased rainfall (and hence runoff) in the reach. The influence of in-reach runoff on the transmission loss relationship is not as obvious for the Cooper Creek reach. Three of the four largest flood events measured for the Diamantina reach had



transmission ratios greater than one whereas no flood events had transmission ratios greater than 0.85 for the Cooper Creek reach.



- **Figure E-3. Relationship between transmission losses (upstream flood volume less downstream flood volume) and the upstream flood volume for the middle reaches of Cooper Creek and the Diamantina River.**

Three major causes of transmission losses have been identified for these rivers (Knighton and Nanson 1994):

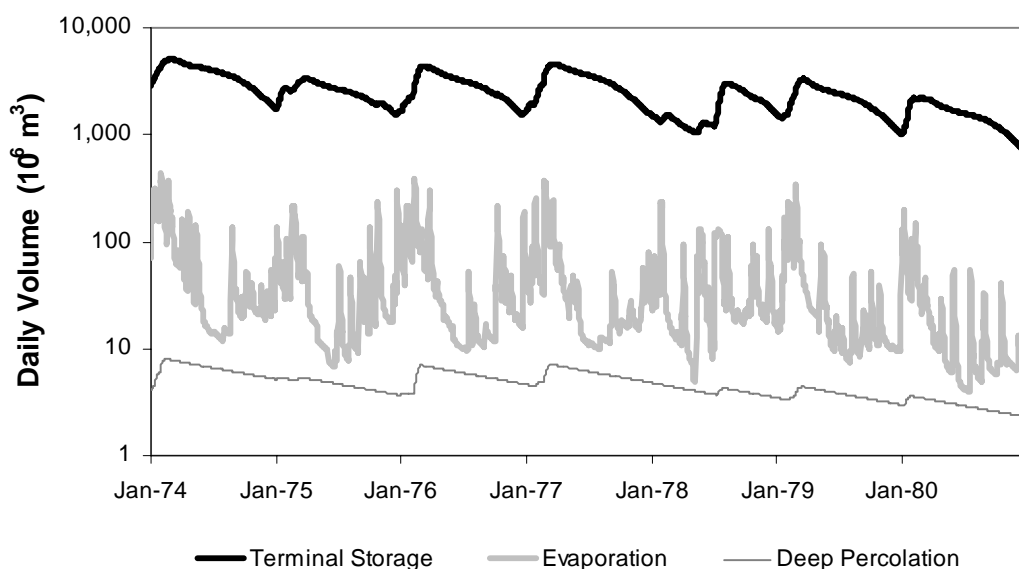
- 1) Evaporation from the free water surface as floods move slowly through the reaches. This evaporation would occur at the potential rate.
- 2) Infiltration to the soil moisture store that is depleted by evapotranspiration and some deep percolation to shallow unconfined groundwater aquifers.
- 3) Terminal storage (or drainage diffusion) where floodwaters become disconnected in low-lying areas. This process acts as a short term cause of transmission loss before these surface stores are depleted by evapotranspiration, and to a lesser extent by deep percolation.

All three of these causes of transmission losses will increase as the inundated area increases. As a result, transmission loss as a proportion of total flood volume is sensitive to the areal extent of flooding for a given flood size. Of the three major causes of transmission loss, evaporation at the potential rate from the free water surface is the best constrained. Little is known about the rate of deep percolation to unconfined alluvial aquifers that occurs within these river systems. Preliminary analysis of variations in groundwater levels in alluvial aquifers in response to flow events (J.Costelloe, University of Melbourne, unpublished data) indicates that fluxes generally showed exponentially decaying patterns of recharge over time and initial rates of recharge ranged between 5 and 57 mm/d. These rates were highest for waterbodies and floodplain surfaces that had been



inundated from a dry initial state. The extent of terminal storage as a short term cause of transmission losses is also poorly constrained. Modelling of the Diamantina Lakes to Birdsville reach of the Diamantina River (Costelloe *et al.*, 2003) indicates that terminal storage is the largest cause of transmission losses during the passage of a flood event (Figure C-4). In that modelling exercise, the spatial distribution of floodwaters was simulated and evaporation was set at the potential rate for water held in a surface store and at a calibrated rate from the soil moisture store. The loss rate due to deep percolation was set at 1 mm/day and is probably over-estimated over the passage of the flood event. If the percolation losses were reduced then the short-term loss to the terminal storage or the longer term loss via evapotranspiration would need to rise in compensation.

The mix of processes involved in transmission losses in the upper reaches of the major rivers of the LEB and also in the rivers draining the western side of the basin are likely to differ from those operating in the middle and lower reaches of the major rivers. The former group of rivers and reaches have much less extensive floodplain areas, higher gradients and contain an increased proportion of coarser-grained sediments in their channel and floodplain. As a result, deep percolation may be a more dominant process and with less evaporation loss from open water bodies or short-term terminal storage, in comparison to the large rivers.



- **Figure E-4. Daily simulated fluctuations in terminal storage and losses from evaporation and deep percolation for the period 1974-1980 in the Diamantina Lakes to Birdsville reach of the Diamantina River.**



Appendix F List of Rainfall Gauges in the Lake Eyre Basin

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
15004	BOM (AUS)	Austral Downs	10	1	15A	-20.502	137.7744	6/01/1914		Daily
15005	BOM (AUS)	Avon Downs	10	1	15A	-20.0298	137.4906	1/01/1909	18-11-1968	Daily
15005	BOM (AUS)	Avon Downs	10	1	15A	-20.0298	137.4906	1/01/1909	18-11-1968	Synop
15005	BOM (AUS)	Avon Downs	10	1	15A	-20.0298	137.4906	24-05-1970		Daily
15005	BOM (AUS)	Avon Downs	10	1	15A	-20.0298	137.4906	24-05-1970		Synop
15019	BOM (AUS)	Lake Nash	10	1	15A	-20.9645	137.9214	01-01-1891		Daily
15026	BOM (AUS)	Ranken	10	1	15A	-19.6014	136.9078	10/01/1908		Daily
15040	BOM (AUS)	Soudan	10	1	15A	-20.0517	137.0186	1/01/1950		Daily
15075	BOM (AUS)	Charles R CDW	10	6	15A	-23.65	133.7833	9/01/1958	31-12-1963	Daily
15077	BOM (AUS)	Bond Springs	10	6	15A	-23.55	133.9	5/01/1979	31-12-1979	Daily
15079	BOM (AUS)	Barry Caves	10	1	15A	-20.0467	136.67	3/01/1969	31-12-1975	Daily
15138	BOM (AUS)	Avon Downs Police	10	1	15A	-20.0228	137.4892	12/01/1963	31-12-1970	Daily
15151	BOM (AUS)	Number 36 Bore	10	1	15A	-19.2815	137.2441	11/01/1982		Daily
15503	BOM (AUS)	Mount Riddock	10	7	15B	-23.0364	134.6801	1/01/1966		Daily
15504	BOM (AUS)	Dnieper	10	1	15B	-22.625	135.1933	7/01/1967	31-12-1971	Daily
15508	BOM (AUS)	Allambi	10	6	15B	-24.2691	134.4028	10/01/1968		Daily
15510	BOM (AUS)	Mount Cavenagh	10	5	15B	-25.9551	133.2111	3/01/1939		Daily
15512	BOM (AUS)	Jay Ck	10	5	15B	-23.795	133.5017	12/01/1967	19-10-1990	Daily
15516	BOM (AUS)	Jinka	10	7	15B	-22.9292	135.7136	12/01/1968		Daily
15517	BOM (AUS)	Temple Bar	10	6	15B	-23.7833	133.8667	1/01/1955	1/01/1959	Daily
15519	BOM (AUS)	Palmer Valley	10	5	15B	-24.7496	133.2316	1/01/1953		Daily
15519	BOM (AUS)	Palmer Valley	10	5	15B	-24.7496	133.2316	30-06-1996		Continuous
15521	BOM (AUS)	The Garden	10	6	15B	-23.2837	134.4239	1/01/1954		Daily
15524	BOM (AUS)	Idracowra	10	5	15B	-24.9951	133.7876	01-04-1888		Daily
15526	BOM (AUS)	Finke Post Office	10	5	15B	-25.5833	134.5667	9/01/1938	31-12-1980	Daily
15526	BOM (AUS)	Finke Post Office	10	5	15B	-25.5833	134.5667	9/01/1938	31-12-1980	Synop

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
15529	BOM (AUS)	Pine Gap	10	6	15B	-23.8333	133.75	2/01/1969	31-12-1984	Daily
15531	BOM (AUS)	Hermannsburg	10	5	15B	-23.9409	132.7824	01-01-1888	28-04-2001	Daily
15533	BOM (AUS)	Bundooma Railway Siding	10	5	15B	-24.8983	134.2567	5/01/1930	31-12-1976	Daily
15534	BOM (AUS)	Ooratippra	10	1	15B	-21.9032	136.0724	10/01/1950	31-05-2002	Daily
15534	BOM (AUS)	Ooratippra	10	1	15B	-21.9032	136.0724	7/12/1996		Continuous
15536	BOM (AUS)	Maryvale	10	5	15B	-24.6685	134.0721	1/01/1948		Daily
15539	BOM (AUS)	Duffield	10	5	15B	-25.85	134.6883	3/01/1946	31-12-1976	Daily
15540	BOM (AUS)	Alice Springs Post Office	10	6	15B	-23.71	133.8683	01-07-1873	9/01/1989	Daily
15544	BOM (AUS)	Deep Well Railway Siding	10	5	15B	-24.36	134.05	4/01/1945	31-12-1976	Daily
15545	BOM (AUS)	Harts Range Police	10	7	15B	-22.9784	134.9173	6/01/1948		Daily
15546	BOM (AUS)	Ringwood	10	6	15B	-23.8289	134.9555	1/01/1954		Daily
15546	BOM (AUS)	Ringwood	10	6	15B	-23.8289	134.9555	1/01/1954		Synop
15547	BOM (AUS)	New Macdonald Downs	10	1	15B	-22.6167	135.0333	12/01/1933	19-10-1990	Daily
15551	BOM (AUS)	Huckitta	10	7	15B	-22.8953	135.4595	11/01/1968		Daily
15552	BOM (AUS)	Henbury	10	5	15B	-24.5521	133.2521	01-01-1897		Daily
15557	BOM (AUS)	Tempe Downs	10	5	15B	-24.3996	132.4525	01-08-1886	13-09-1995	Daily
15557	BOM (AUS)	Tempe Downs	10	5	15B	-24.3996	132.4525	01-08-1886	13-09-1995	Synop
15557	BOM (AUS)	Tempe Downs	10	5	15B	-24.3996	132.4525	5/02/1997		Continuous
15557	BOM (AUS)	Tempe Downs	10	5	15B	-24.3996	132.4525	5/02/1997		Synop
15558	BOM (AUS)	Bathurst Downs	10	1	15B	-21.9833	137.1333	1/01/1920	1/01/1925	Daily
15559	BOM (AUS)	Marqua	10	1	15B	-22.8031	137.2965	1/01/1993		Daily
15560	BOM (AUS)	Manners Ck	10	1	15B	-22.1086	137.9819	26-05-2000		Daily
15562	BOM (AUS)	Orange Ck	10	5	15B	-24.3611	133.4315	9/01/1969		Daily
15564	BOM (AUS)	Owen Springs	10	5	15B	-23.8757	133.4704	01-01-1898		Daily
15564	BOM (AUS)	Owen Springs	10	5	15B	-23.8757	133.4704	10/04/1995	15-05-2000	Operational
15564	BOM (AUS)	Owen Springs	10	5	15B	-23.8757	133.4704	17-05-2002		Operational
15568	BOM (AUS)	Finke Railway Stn	10	5	15B	-25.5833	134.5367	5/01/1930	31-12-1957	Daily
15575	BOM (AUS)	Claraville	10	6	15B	-23.3732	134.7503	1/01/1972		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
15577	BOM (AUS)	Delmore Downs	10	1	15B	-22.4515	134.8189	1/01/1950		Daily
15577	BOM (AUS)	Delmore Downs	10	1	15B	-22.4515	134.8189	7/09/1996		Continuous
15578	BOM (AUS)	Delny	10	1	15B	-22.5528	134.8173	3/01/1972	24-05-2000	Daily
15579	BOM (AUS)	Numery	10	6	15B	-24.0137	135.4268	1/01/1974		Daily
15579	BOM (AUS)	Numery	10	6	15B	-24.0137	135.4268	7/06/1996		Continuous
15581	BOM (AUS)	Engoordina	10	6	15B	-25.0667	134.35	1/01/1943	1/01/1946	Daily
15583	BOM (AUS)	Areyonga	10	5	15B	-24.0732	132.2712	1/01/1952	25-07-2002	Daily
15584	BOM (AUS)	Argadargada	10	1	15B	-21.6743	136.6654	11/01/1968		Daily
15585	BOM (AUS)	Ammaroo	10	1	15B	-21.7498	135.2382	1/01/1956		Daily
15586	BOM (AUS)	Arapunya	10	1	15B	-22.2875	135.7233	1/01/1961		Daily
15587	BOM (AUS)	Annitowa	10	1	15B	-21.2105	136.4752	1/01/1966		Daily
15588	BOM (AUS)	Ambalindum	10	6	15B	-23.3845	134.6841	1/01/1966		Daily
15589	BOM (AUS)	Areyonga Welfare Settlement	10	5	15B	-24.0667	132.2667	1/01/1966	1/01/1975	Daily
15590	BOM (AUS)	Alice Springs Airport	10	6	15B	-23.7951	133.889	11/01/1941		Daily
15590	BOM (AUS)	Alice Springs Airport	10	6	15B	-23.7951	133.889	11/01/1941		Synop
15590	BOM (AUS)	Alice Springs Airport	10	6	15B	-23.7951	133.889	6/01/1951		Continuous
15591	BOM (AUS)	Alice Springs Township	10	6	15B	-23.7	133.7	9/01/1958	31-12-1960	Daily
15592	BOM (AUS)	Big Dipper	10	6	15B	-23.5833	133.8333	9/01/1958	31-12-1963	Daily
15593	BOM (AUS)	Alcoota	10	1	15B	-22.8211	134.4508	10/01/1950		Daily
15594	BOM (AUS)	Arltunga	10	6	15B	-23.4635	134.6865	10/01/1900		Daily
15594	BOM (AUS)	Arltunga	10	6	15B	-23.4635	134.6865	10/01/1900		Synop
15594	BOM (AUS)	Arltunga	10	6	15B	-23.4635	134.6865	24-11-2000		Continuous
15595	BOM (AUS)	Andado	10	6	15B	-25.4108	135.2906	4/01/1951		Daily
15596	BOM (AUS)	Bushy Park	10	1	15B	-22.9027	134.05	1/01/1954	1/01/1983	Daily
15596	BOM (AUS)	Bushy Park	10	1	15B	-22.9027	134.05	24-05-2000		Daily
15597	BOM (AUS)	Charlotte Waters	10	5	15B	-25.9333	134.9167	01-01-1874	1/01/1938	Daily
15598	BOM (AUS)	Derry Downs	10	1	15B	-22.08	135.3267	11/01/1966	31-12-1977	Daily
15599	BOM (AUS)	Ewaninga	10	6	15B	-23.9817	133.9283	3/01/1930	31-12-1979	Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
15600	BOM (AUS)	New Crown	10	5	15B	-25.6766	134.8333	1/01/1950		Daily
15602	BOM (AUS)	Jervois	10	7	15B	-22.9495	136.1444	1/01/1966		Daily
15602	BOM (AUS)	Jervois	10	7	15B	-22.9495	136.1444	1/01/1966		Synop
15602	BOM (AUS)	Jervois	10	7	15B	-22.9495	136.1444	1/01/1968		Continuous
15603	BOM (AUS)	Kulgera	10	5	15B	-25.8425	133.3022	10/01/1968		Daily
15603	BOM (AUS)	Kulgera	10	5	15B	-25.8425	133.3022	10/01/1968		Synop
15603	BOM (AUS)	Kulgera	10	5	15B	-25.8425	133.3022	7/02/1996		Continuous
15604	BOM (AUS)	Lucy Ck	10	7	15B	-22.441	136.2916	3/01/1966		Daily
15604	BOM (AUS)	Lucy Ck	10	7	15B	-22.441	136.2916	7/11/1996		Continuous
15605	BOM (AUS)	Lilla Ck	10	5	15B	-25.5607	134.0712	1/01/1966		Daily
15605	BOM (AUS)	Lilla Ck	10	5	15B	-25.5607	134.0712	7/03/1996		Continuous
15610	BOM (AUS)	Indiana	10	6	15B	-23.3292	135.44	1/01/1966		Daily
15613	BOM (AUS)	Plenty Downs	10	7	15B	-23.1	136.2333	1/01/1961	1/01/1962	Daily
15614	BOM (AUS)	Rumbalara	10	6	15B	-25.3333	134.4833	12/01/1929	11/04/1981	Daily
15615	BOM (AUS)	Rodinga Railway Siding	10	5	15B	-24.5567	134.0817	3/01/1930	31-12-1978	Daily
15616	BOM (AUS)	Ross	10	6	15B	-23.5927	134.4937	10/01/1966		Daily
15617	BOM (AUS)	Santa Teresa	10	6	15B	-24.1313	134.3737	9/01/1966		Daily
15618	BOM (AUS)	Tobermorey	10	1	15B	-22.2747	137.9733	11/01/1966		Daily
15618	BOM (AUS)	Tobermorey	10	1	15B	-22.2747	137.9733	7/11/1996		Continuous
15619	BOM (AUS)	Todd	10	6	15B	-23.8398	134.5089	10/01/1954		Daily
15620	BOM (AUS)	Tarlton Downs	10	7	15B	-22.6577	136.7998	1/01/1953		Daily
15622	BOM (AUS)	Umbeara	10	5	15B	-25.7533	133.685	11/01/1966	31-12-1969	Daily
15623	BOM (AUS)	Undoolya	10	6	15B	-23.6938	134.0354	01-01-1898		Daily
15624	BOM (AUS)	Victory Downs	10	5	15B	-25.9891	132.9748	1/01/1945		Daily
15627	BOM (AUS)	Horseshoe Bend	10	5	15B	-25.2141	134.2431	1/01/1974		Daily
15628	BOM (AUS)	Alice Springs Golf Club	10	6	15B	-23.7233	133.8792	8/01/1990	21-05-2000	Daily
15630	BOM (AUS)	Heavitree Gap	10	6	15B	-23.7333	133.8667	01-01-1890	1/01/1911	Daily
15631	BOM (AUS)	Bond Springs Homestead	10	6	15B	-23.5409	133.921	4/01/1901		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
15633	BOM (AUS)	Palm Valley	10	5	15B	-24.0636	132.7444	5/01/1981		Daily
15633	BOM (AUS)	Palm Valley	10	5	15B	-24.0636	132.7444	5/01/1981		Synop
15633	BOM (AUS)	Palm Valley	10	5	15B	-24.0636	132.7444	10/04/1995		Operational
15638	BOM (AUS)	Glen Helen Lodge	10	5	15B	-23.6854	132.6728	9/01/1986		Daily
15642	BOM (AUS)	Wallace Rock Hole	10	5	15B	-24.1267	133.0848	1/01/1986		Daily
15645	BOM (AUS)	Deep Well	10	6	15B	-24.2992	134.1439	1/01/1966		Daily
15646	BOM (AUS)	Waite	10	1	15B	-22.4787	134.5307	1/01/1991		Daily
15647	BOM (AUS)	Atula	10	7	15B	-23.2531	136.3816	1/01/1979		Daily
15648	BOM (AUS)	Alice Springs East Side	10	6	15B	-23.6925	133.8978	1/01/1982		Daily
15653	BOM (AUS)	Gemtree Park	10	1	15B	-22.9689	134.2415	1/01/1990		Daily
15654	BOM (AUS)	Mereenie	10	5	15B	-23.9953	131.5533	7/01/1990		Daily
15655	BOM (AUS)	Atitjere	10	7	15B	-22.9838	134.9359	1/01/1990		Daily
15656	BOM (AUS)	Todd R Downs	10	6	15B	-24.2581	135.2707	7/01/1986		Daily
15662	BOM (AUS)	Alice Springs Airport Tbrg	10	6	15B	-23.8083	133.8833	20-01-1993	9/04/1997	Continuous
15667	BOM (AUS)	Ormiston Gorge	10	5	15B	-23.6338	132.7311	5/01/1971		Daily
15668	BOM (AUS)	Ormiston Knoll	10	5	15B	-23.6521	132.7323	1/07/1998		Continuous
15668	BOM (AUS)	Ormiston Knoll	10	5	15B	-23.6521	132.7323	1/07/1998		Operational
15670	BOM (AUS)	Old Andado	10	6	15B	-25.3792	135.4287	23-11-2000		Continuous
16007	BOM (AUS)	Coober Pedy	10	4	16	-29.0054	134.7551	1/01/1921		Daily
16007	BOM (AUS)	Coober Pedy	10	4	16	-29.0054	134.7551	1/01/1921		Synop
16012	BOM (AUS)	Eringa	10	5	16	-26.2783	134.7233	1/01/1931	1/01/1975	Daily
16019	BOM (AUS)	Kenmore Park	10	5	16	-26.3292	132.4467	7/01/1947	31-12-1983	Daily
16047	BOM (AUS)	Todmorden	10	5	16	-27.1419	134.7578	5/01/1949		Daily
16064	BOM (AUS)	Granite Downs	10	5	16	-26.9383	133.4967	7/01/1965	30-09-1996	Daily
16079	BOM (AUS)	Spare Tyre Hill	10	4	16	-27.7817	134.0267	28-06-1975	31-12-1975	Continuous
16082	BOM (AUS)	Mount Barry	10	4	16	-28.2415	134.9899	12/01/1980		Daily
16083	BOM (AUS)	Hamilton Stn	10	5	16	-26.7306	135.0753	1/01/1931		Daily
16091	BOM (AUS)	Cadney Park	10	4	16	-27.9069	134.0546	11/07/1993	18-12-2003	Daily

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16093	BOM (AUS)	Arckaringa Stn	10	4	16	-27.9375	134.739	21-10-1994	8/09/1999	Daily
16093	BOM (AUS)	Arckaringa Stn	10	4	16	-27.9375	134.739	30-01-2002		Daily
16094	BOM (AUS)	Copper Hill Stn	10	4	16	-27.9555	134.3156	9/01/1994		Daily
16095	BOM (AUS)	Tieyon	10	5	16	-26.1259	133.5119	13-05-1995		Daily
17000	BOM (AUS)	Abminga Railway Siding	10	5	17	-26.1317	134.8517	1/01/1939	1/01/1980	Daily
17001	BOM (AUS)	Alberga	10	5	17	-27.2	135.4333	1/01/1930	1/01/1979	Daily
17002	BOM (AUS)	Alberrie Ck	10	4	17	-29.6267	137.5367	2/01/1930	31-12-1977	Daily
17004	BOM (AUS)	Anna Ck	10	4	17	-28.8921	136.1688	01-01-1883		Daily
17005	BOM (AUS)	Leigh Ck Aero	10	4	17	-30.4667	138.4075	7/01/1951	31-12-1982	Daily
17006	BOM (AUS)	Apollinaris Well	10	4	17	-29.9267	138.7517	1/01/1925	1/01/1953	Daily
17007	BOM (AUS)	Allandale	10	4	17	-27.6297	135.5869	1/01/1909		Daily
17008	BOM (AUS)	Arrowie	10	4	17	-30.8536	139.2933	01-12-1876	31-12-1949	Daily
17009	BOM (AUS)	Avondale	10	4	17	-30.2314	138.4511	01-01-1898	1/01/1953	Daily
17010	BOM (AUS)	Balcanoona	10	4	17	-30.5328	139.3029	5/01/1945		Daily
17010	BOM (AUS)	Balcanoona	10	4	17	-30.5328	139.3029	5/01/1945		Synop
17010	BOM (AUS)	Balcanoona	10	4	17	-30.5328	139.3029	19-06-2001		Continuous
17013	BOM (AUS)	Beresford	10	4	17	-29.2431	136.6581	1/01/1930	1/01/1978	Daily
17016	BOM (AUS)	Clifton Hills	10	2	17	-27.0194	138.8933	01-01-1894		Daily
17018	BOM (AUS)	Copley	10	4	17	-30.5564	138.4222	01-01-1883	1/01/1963	Daily
17019	BOM (AUS)	Cordillo Downs	10	3	17	-26.7075	140.6247	01-01-1883		Daily
17020	BOM (AUS)	Cowarie	10	2	17	-27.7031	138.335	01-09-1881		Daily
17021	BOM (AUS)	Coward Springs	10	4	17	-29.4025	136.8108	01-09-1897	31-12-1977	Daily
17022	BOM (AUS)	Tantanna	10	3	17	-28.1696	139.6105	1/01/2002		Daily
17023	BOM (AUS)	Edwards Ck	10	4	17	-28.3325	135.8483	12/01/1929	31-12-1980	Daily
17024	BOM (AUS)	Farina	10	4	17	-30.066	138.2739	01-01-1879		Daily
17024	BOM (AUS)	Farina	10	4	17	-30.066	138.2739	01-01-1879		Synop
17025	BOM (AUS)	Finniss Springs	10	4	17	-29.745	137.505	10/01/1920	31-12-1971	Daily
17026	BOM (AUS)	Daralingie	10	3	17	-28.3724	139.9724	1/01/2002		Daily

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17027	BOM (AUS)	Innamincka Police Camp	10	3	17	-27.8	140.7333	01-10-1883	31-12-1952	Daily
17028	BOM (AUS)	Innamincka Stn	10	3	17	-27.7256	140.7622	01-11-1882		Daily
17029	BOM (AUS)	Lyndhurst Post Office	10	4	17	-30.2867	138.3458	12/01/1902	31-12-1989	Daily
17030	BOM (AUS)	Macumba	10	5	17	-27.2547	135.648	01-01-1891		Daily
17031	BOM (AUS)	Marree	10	4	17	-29.6494	138.0625	01-08-1885		Daily
17031	BOM (AUS)	Marree	10	4	17	-29.6494	138.0625	01-08-1885		Synop
17033	BOM (AUS)	Mount Dutton	10	4	17	-27.815	135.715	12/01/1929	31-12-1980	Daily
17034	BOM (AUS)	Mount Lyndhurst	10	4	17	-30.1828	138.7093	01-01-1878	1/01/1953	Daily
17034	BOM (AUS)	Mount Lyndhurst	10	4	17	-30.1828	138.7093	24-10-1999	6/01/2002	Daily
17035	BOM (AUS)	Mount Serle	10	4	17	-30.5439	138.8558	7/01/1917	31-01-1991	Daily
17036	BOM (AUS)	Mulka	10	3	17	-28.3539	138.6522	6/01/1917		Daily
17037	BOM (AUS)	Muloorina Homestead	10	4	17	-29.2406	137.9044	01-11-1881		Daily
17038	BOM (AUS)	Mundowdna	10	4	17	-29.7331	138.2329	1/01/1944	1/01/1958	Daily
17038	BOM (AUS)	Mundowdna	10	4	17	-29.7331	138.2329	5/05/1998		Daily
17039	BOM (AUS)	Murnpeowie	10	4	17	-29.5911	139.0497	01-01-1893	7/08/1999	Daily
17041	BOM (AUS)	Narrina	10	4	17	-30.9372	138.8919	9/01/1949		Daily
17042	BOM (AUS)	Nepabunna Mission	10	4	17	-30.5867	138.9833	8/01/1939	31-12-1975	Daily
17043	BOM (AUS)	Oodnadatta Airport	10	4	17	-27.5553	135.4456	1/01/1961	8/01/1985	Continuous
17043	BOM (AUS)	Oodnadatta Airport	10	4	17	-27.5553	135.4456	11/02/1994		Continuous
17043	BOM (AUS)	Oodnadatta Airport	10	4	17	-27.5553	135.4456	11/02/1994		Synop
17044	BOM (AUS)	Oodnadatta Post Office	10	4	17	-27.5458	135.4433	01-06-1891	31-12-1941	Daily
17045	BOM (AUS)	Pandie Pandie	10	2	17	-26.1317	139.385	5/01/1949	31-12-1964	Daily
17047	BOM (AUS)	Pedirka	10	5	17	-26.6567	135.2067	3/01/1930	31-12-1980	Daily
17048	BOM (AUS)	Umberatana	10	4	17	-30.2402	139.13	01-01-1886		Daily
17049	BOM (AUS)	Arcoona Bluff	10	4	17	-30.4291	138.9808	25-04-2003		Continuous
17050	BOM (AUS)	Warrina	10	4	17	-28.2	135.8333	01-01-1891	1/01/1930	Daily
17052	BOM (AUS)	Wertaloon	10	4	17	-30.6383	139.3445	6/01/1906		Daily
17053	BOM (AUS)	William Ck	10	4	17	-28.9062	136.3386	01-01-1874	1/01/1968	Daily

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17053	BOM (AUS)	William Ck	10	4	17	-28.9062	136.3386	6/01/1996		Daily
17054	BOM (AUS)	Wirrealpa	10	4	17	-31.1278	138.9618	01-08-1875		Daily
17055	BOM (AUS)	Witchelina	10	4	17	-30.0213	138.0424	01-01-1898		Daily
17056	BOM (AUS)	Wooltana	10	4	17	-30.4132	139.4198	01-01-1877		Daily
17057	BOM (AUS)	Wyambana	10	4	17	-31.1933	139.4394	6/01/1938	31-12-1949	Daily
17058	BOM (AUS)	Dulkaninna	10	4	17	-29.0192	138.4592	12/01/1950		Daily
17059	BOM (AUS)	The Knob	10	4	17	-30.0158	138.9944	1/01/1925	1/01/1953	Daily
17060	BOM (AUS)	Tilcha	10	4	17	-29.605	140.89	01-01-1884	1/01/1942	Daily
17061	BOM (AUS)	Stuarts Ck	10	4	17	-29.7	137.04	01-01-1877	1/01/1930	Daily
17062	BOM (AUS)	Cadelga	10	2	17	-26.09	140.4067	01-01-1886	1/01/1962	Daily
17063	BOM (AUS)	Kanowana	10	3	17	-27.8383	139.6233	01-01-1888	1/01/1939	Daily
17064	BOM (AUS)	Mount Hopeless	10	4	17	-29.595	139.75	1/01/1918	1/01/1936	Daily
17066	BOM (AUS)	Killalpaninna	10	3	17	-28.6	138.5667	01-01-1885	1/01/1924	Daily
17067	BOM (AUS)	Mungeranie	10	2	17	-28.0206	138.6619	01-11-1887		Daily
17068	BOM (AUS)	Troudaninna	10	4	17	-29.05	139.1667	01-01-1893	1/01/1936	Daily
17069	BOM (AUS)	Ilbunga	10	5	17	-26.4217	135.0333	5/01/1930	31-12-1979	Daily
17070	BOM (AUS)	Mount Dare	10	5	17	-26.0694	135.2484	1/01/1950		Daily
17070	BOM (AUS)	Mount Dare	10	5	17	-26.0694	135.2484	1/01/1950		Synop
17070	BOM (AUS)	Mount Dare	10	5	17	-26.0694	135.2484	21-09-2000		Continuous
17071	BOM (AUS)	Irrapatanna	10	4	17	-29.0283	136.4917	1/01/1954	1/01/1965	Daily
17072	BOM (AUS)	Car 732 Mile	10	5	17	-26.93	135.3417	1/01/1947	1/01/1978	Daily
17073	BOM (AUS)	Andrewilla Police Camp	10	2	17	-26.5133	139.2817	01-04-1894	31-12-1902	Daily
17074	BOM (AUS)	Callabonna	10	4	17	-29.7567	140.245	1/01/1902	1/01/1909	Daily
17075	BOM (AUS)	Dalhousie Springs	10	5	17	-26.5167	135.4617	01-01-1880	01-01-1890	Daily
17076	BOM (AUS)	Clayton	10	4	17	-29.2797	138.3811	5/01/1914	30-06-1928	Daily
17076	BOM (AUS)	Clayton	10	4	17	-29.2797	138.3811	8/01/1996		Daily
17078	BOM (AUS)	Goyders Lagoon	10	2	17	-26.9514	138.9528	1/01/1901	1/01/1919	Daily
17079	BOM (AUS)	Minnie Downs	10	2	17	-26.0517	139.8583	1/01/1915	1/01/1940	Daily

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17080	BOM (AUS)	Freelingwell	10	4	17	-29.95	139.2333	01-08-1887	31-12-1939	Daily
17081	BOM (AUS)	Mount Gason	10	2	17	-27.3233	138.745	9/01/1910	31-12-1927	Daily
17083	BOM (AUS)	Puttaburra	10	7	17	-26.6167	138.6167	9/01/1927	31-12-1933	Daily
17086	BOM (AUS)	Yudnamultana	10	4	17	-30.1781	139.2808	6/01/1909	31-12-1931	Daily
17087	BOM (AUS)	Haddon	10	2	17	-26.3517	140.8283	01-07-1884	31-12-1936	Daily
17088	BOM (AUS)	Peechywarrina	10	4	17	-29.0317	138.1917	01-04-1882	31-12-1903	Daily
17089	BOM (AUS)	Kalamurina	10	2	17	-27.7219	138.2533	01-10-1884	31-12-1898	Daily
17089	BOM (AUS)	Kalamurina	10	2	17	-27.7219	138.2533	3/01/1998		Daily
17090	BOM (AUS)	Montacollina	10	3	17	-29.4	139.9833	01-12-1885	31-12-1903	Daily
17091	BOM (AUS)	Wondillina	10	4	17	-27.8056	135.6458	01-11-1897	31-12-1907	Daily
17093	BOM (AUS)	Tinga Tingana	10	3	17	-28.795	140.1733	01-12-1891	31-12-1900	Daily
17094	BOM (AUS)	Parallana	10	4	17	-30.2067	139.4558	01-01-1881	1/01/1907	Daily
17095	BOM (AUS)	Alton Downs	10	1	17	-26.1533	138.9383	01-01-1886	1/01/1939	Daily
17096	BOM (AUS)	Moomba	10	3	17	-28.1125	140.2102	11/01/1972	6/01/2000	Continuous
17096	BOM (AUS)	Moomba	10	3	17	-28.1125	140.2102	11/01/1972		Daily
17096	BOM (AUS)	Moomba	10	3	17	-28.1125	140.2102	11/01/1972		Synop
17097	BOM (AUS)	Angorichina	10	4	17	-31.0885	138.7412	1/01/1969		Daily
17099	BOM (AUS)	Arkaroola	10	4	17	-30.311	139.3357	1/01/1938		Daily
17099	BOM (AUS)	Arkaroola	10	4	17	-30.311	139.3357	1/01/1938		Synop
17100	BOM (AUS)	Blanchewater Stn	10	4	17	-29.55	139.4667	01-01-1879	1/01/1938	Daily
17101	BOM (AUS)	Leigh Ck E.T.S.A	10	4	17	-30.4825	138.4136	9/01/1972	13-08-1975	Continuous
17101	BOM (AUS)	Leigh Ck E.T.S.A	10	4	17	-30.4825	138.4136	10/01/1972	31-12-1975	Daily
17102	BOM (AUS)	Yankaninna	10	4	17	-30.3658	139.0533	5/01/1920	16-09-1993	Daily
17105	BOM (AUS)	Quinyambie	10	4	17	-30.215	140.9917	01-06-1887	31-12-1973	Daily
17106	BOM (AUS)	New Quinyambie	10	4	17	-30.8734	140.9697	1/01/1973		Daily
17108	BOM (AUS)	Leigh Ck Northern Coalfield	10	4	17	-30.4064	138.3961	8/01/1975	31-12-1977	Daily
17108	BOM (AUS)	Leigh Ck Northern Coalfield	10	4	17	-30.4064	138.3961	13-08-1975	31-10-1977	Continuous
17109	BOM (AUS)	The Peake	10	4	17	-28.0767	135.9042	01-12-1873	31-12-1891	Daily

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17110	BOM (AUS)	Leigh Ck Airport	10	4	17	-30.5963	138.4219	15-07-1992		Continuous
17111	BOM (AUS)	Dullingari	10	3	17	-28.1484	140.8672	1/01/1984		Daily
17112	BOM (AUS)	Tirrawarra	10	3	17	-27.6908	140.1066	1/01/1984		Daily
17114	BOM (AUS)	Oodnadatta Police Stn	10	4	17	-27.5439	135.4408	8/01/1985		Daily
17114	BOM (AUS)	Oodnadatta Police Stn	10	4	17	-27.5439	135.4408	8/01/1985		Synop
17115	BOM (AUS)	Lindon	10	4	17	-29.1281	140.9	10/01/1987		Daily
17116	BOM (AUS)	Coulthard	10	4	17	-30.275	139.3397	1/01/1990	31-08-2002	Daily
17117	BOM (AUS)	Greenwood Hill	10	4	17	-30.2811	139.2639	1/01/1990	31-08-2002	Daily
17118	BOM (AUS)	Innamincka Town Site	10	3	17	-27.7333	140.7383	12/03/1976	22-08-2002	Daily
17120	BOM (AUS)	Mount Painter	10	4	17	-30.2369	139.0003	5/01/1990	31-01-2002	Daily
17121	BOM (AUS)	Innamincka Hotel	10	3	17	-27.7481	140.7369	9/01/1993		Daily
17122	BOM (AUS)	Owieandana	10	4	17	-30.4456	138.9481	9/01/1993	21-07-2003	Daily
17123	BOM (AUS)	Moomba Airport	10	3	17	-28.0997	140.1956	4/10/1995		Continuous
17124	BOM (AUS)	Keleary	10	3	17	-27.0742	140.6817	4/01/1996	31-12-1998	Daily
17125	BOM (AUS)	Bookabourdie	10	3	17	-27.5347	140.4674	7/01/1997		Daily
17126	BOM (AUS)	Marree Aero	10	4	17	-29.6587	138.0684	7/02/1998		Continuous
17127	BOM (AUS)	Nilpinna	10	4	17	-28.4809	135.9211	4/01/1998		Daily
17129	BOM (AUS)	Wilpoorinna	10	4	17	-29.9565	138.3411	5/05/1998		Daily
17130	BOM (AUS)	Callanna	10	4	17	-29.7139	137.9017	5/05/1998		Daily
17131	BOM (AUS)	Moolawatana	10	4	17	-29.9062	139.7345	5/11/1998		Daily
17132	BOM (AUS)	Etadunna	10	3	17	-28.7206	138.6325	5/06/1998		Daily
19003	BOM (AUS)	Old Baratta Homestead	10	4	19	-31.9767	139.105	01-01-1882	4/12/1989	Daily
19005	BOM (AUS)	Black Rock	10	4	19	-32.8261	138.6893	01-01-1877		Daily
19012	BOM (AUS)	Kylmorn	10	4	19	-32.7053	138.7796	11/01/1901		Daily
19014	BOM (AUS)	Anda-Vale	10	4	19	-32.8037	138.9218	1/01/1902		Daily
19018	BOM (AUS)	Holowilena	10	4	19	-31.8777	138.8372	01-01-1868		Daily
19021	BOM (AUS)	Johnburgh Post Office	10	4	19	-32.4561	138.705	01-07-1882	31-12-1966	Daily
19023	BOM (AUS)	Mannanarie Post Office	10	4	19	-33.0453	138.6178	01-01-1868	1/01/1974	Daily

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19031	BOM (AUS)	Oodla Wirra	10	4	19	-32.8776	139.0578	6/01/1919		Daily
19032	BOM (AUS)	Orroroo	10	4	19	-32.7351	138.6123	01-01-1868		Daily
19034	BOM (AUS)	Peterborough	10	4	19	-32.9752	138.8361	01-01-1881		Daily
19045	BOM (AUS)	Ucolta Post Office	10	4	19	-32.9508	138.965	12/01/1906	31-12-1967	Daily
19049	BOM (AUS)	Wilpena Head Stn	10	4	19	-31.5167	138.6117	4/01/1903	31-12-1985	Daily
19055	BOM (AUS)	Yakapana	10	4	21	-33.0833	138.6775	12/01/1970	14-12-1992	Daily
19057	BOM (AUS)	Yalpara	10	4	19	-32.552	138.8688	7/01/1907		Daily
19060	BOM (AUS)	Yatina	10	4	19	-32.9333	138.6667	01-06-1894	31-12-1980	Daily
19062	BOM (AUS)	Yongala	10	4	19	-33.0287	138.7489	01-01-1881		Daily
19062	BOM (AUS)	Yongala	10	4	19	-33.0287	138.7489	01-01-1881		Synop
19063	BOM (AUS)	Willow Springs	10	4	19	-31.4511	138.7569	1/01/1951	1/01/1954	Daily
19070	BOM (AUS)	Wilpena Pound	10	4	19	-31.5286	138.6093	3/01/1962		Daily
19070	BOM (AUS)	Wilpena Pound	10	4	19	-31.5286	138.6093	3/01/1962		Synop
19074	BOM (AUS)	Cavenagh West	10	4	19	-32.6833	138.9667	01-01-1885	1/01/1925	Daily
19075	BOM (AUS)	Dawson	10	4	19	-32.8056	138.9739	01-01-1884	1/01/1927	Daily
19087	BOM (AUS)	Cavenagh	10	4	19	-32.7189	139.0164	01-07-1882	31-12-1910	Daily
19094	BOM (AUS)	Yongala National Park	10	4	19	-33.0333	138.75	01-09-1886	31-12-1894	Daily
19095	BOM (AUS)	Oakburne	10	4	19	-32.4654	138.7579	2/01/1967		Daily
19097	BOM (AUS)	Glenroy	10	4	19	-32.3333	138.7167	1/01/1906	1/01/1908	Daily
19101	BOM (AUS)	Matt Whim	10	4	19	-32.0464	138.9092	1/01/1954	1/01/1965	Daily
19104	BOM (AUS)	Mannanarie	10	4	19	-33.0371	138.6003	1/01/1975		Daily
19110	BOM (AUS)	Siccus	10	4	19	-31.9656	139.2147	1/01/1989		Daily
19111	BOM (AUS)	Martins Well	10	4	19	-31.4763	139.1134	1/01/1958		Daily
19114	BOM (AUS)	Minburra	10	4	19	-32.4295	138.8922	19-11-1997		Daily
20000	BOM (AUS)	Bimbowrie	10	4	20	-32.0511	140.1603	01-01-1882	1/01/1949	Daily
20000	BOM (AUS)	Bimbowrie	10	4	20	-32.0511	140.1603	10/01/1999		Daily
20001	BOM (AUS)	Boolcoomatta	10	4	20	-31.9714	140.5422	01-06-1882		Daily
20002	BOM (AUS)	Cockburn	10	4	20	-32.0774	140.9956	01-07-1888		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
20003	BOM (AUS)	Coondappie	10	4	20	-31.5	139.6667	1/01/1917	1/01/1945	Daily
20004	BOM (AUS)	Curnamona	10	4	20	-31.6528	139.5478	01-01-1881		Daily
20005	BOM (AUS)	Erudina	10	4	20	-31.48	139.3847	5/01/1911		Daily
20006	BOM (AUS)	Frome Downs	10	4	20	-31.2211	139.7753	01-01-1889		Daily
20007	BOM (AUS)	Kalabity	10	4	20	-31.9167	140.3167	9/01/1920	31-12-1979	Daily
20010	BOM (AUS)	Koonamore	10	4	20	-32.0661	139.3811	01-07-1888		Daily
20011	BOM (AUS)	Lake Dismal	10	4	20	-32.05	140.9167	1/01/1921	1/01/1982	Daily
20014	BOM (AUS)	Mingary	10	4	20	-32.1333	140.75	8/01/1921	31-12-1973	Daily
20015	BOM (AUS)	Four Brothers	10	4	20	-32.2138	139.7178	12/01/1924	26-06-1971	Daily
20015	BOM (AUS)	Four Brothers	10	4	20	-32.2138	139.7178	8/08/1985		Daily
20016	BOM (AUS)	Mulyungarie	10	4	20	-31.5558	140.7908	1/01/1901		Daily
20023	BOM (AUS)	Waukaringa	10	4	20	-32.3	139.45	01-08-1889	31-12-1963	Daily
20027	BOM (AUS)	Childs	10	4	20	-31.3833	140.7	1/01/1925	1/01/1943	Daily
20033	BOM (AUS)	Chocolate	10	4	20	-31.4	140.7	1/01/1930	1/01/1935	Daily
20034	BOM (AUS)	Corona	10	4	20	-31.0667	140.95	5/01/1930	31-12-1944	Daily
20037	BOM (AUS)	Lake Charles	10	4	20	-31.1333	140.7167	5/01/1930	31-12-1944	Daily
20038	BOM (AUS)	Lockhart Bore	10	4	20	-31.3806	140.9425	1/01/1937	1/01/1944	Daily
20040	BOM (AUS)	Security	10	4	20	-31.8167	140.9	1/01/1926	1/01/1943	Daily
20041	BOM (AUS)	Wallaces	10	4	20	-31.4833	140.9333	1/01/1925	1/01/1944	Daily
20042	BOM (AUS)	Watsons Well	10	4	20	-31.2	140.9	1/01/1925	1/01/1944	Daily
20046	BOM (AUS)	Mutooroo Mine	10	4	20	-32.25	140.9333	01-05-1891	31-12-1899	Daily
20049	BOM (AUS)	Mooleulooloo	10	4	20	-31.6397	140.5117	5/01/1969		Daily
20050	BOM (AUS)	Plumbago	10	4	20	-32.0631	139.886	12/01/1970		Daily
20052	BOM (AUS)	Mt Victor	10	4	20	-32.059	139.6174	1/01/1971		Daily
20053	BOM (AUS)	Tepco	10	4	20	-32.1712	140.7945	1/01/1928		Daily
20055	BOM (AUS)	Strathearn	10	4	20	-31.7499	140.3414	9/01/1989		Daily
20059	BOM (AUS)	Yarramba	10	4	20	-31.6634	140.6276	8/01/1994		Daily
20060	BOM (AUS)	Tickalina	10	4	20	-32.222	140.5913	8/01/1994		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
21049	BOM (AUS)	Teecarnee	10	4	21	-33.1464	138.7219	8/01/1902	31-12-1956	Daily
30016	BOM (AUS)	Ewan Plains Stn	10	3	30	-21.2667	144.8333	1/01/1924	1/01/1978	Daily
30029	BOM (AUS)	Lammermoor Stn	10	3	30	-21.2833	144.6333	01-12-1886	31-12-1965	Daily
30034	BOM (AUS)	Merlin Stn	10	3	30	-21.1167	144.8103	1/01/1910		Daily
30041	BOM (AUS)	Prairie Post Office	10	3	30	-20.8708	144.6	01-07-1887		Daily
30041	BOM (AUS)	Prairie Post Office	10	3	30	-20.8708	144.6	23-12-1965	12/11/1983	Continuous
30051	BOM (AUS)	Torrens Ck Post Office	10	3	30	-20.7694	145.0211	01-01-1893		Daily
30051	BOM (AUS)	Torrens Ck Post Office	10	3	30	-20.7694	145.0211	11/12/1983		Continuous
30057	BOM (AUS)	Zara Stn	10	3	30	-21.2139	144.3644	1/01/1914		Daily
30058	BOM (AUS)	Wogadoona	10	3	30	-21.1117	144.9306	31-01-2001		Daily
30079	BOM (AUS)	Cheltenham Stn	10	3	30	-21.05	144.95	4/01/1969	31-12-1973	Daily
30127	BOM (AUS)	Woodbine Stn	10	3	30	-20.9942	144.6433	1/01/1907		Daily
30133	BOM (AUS)	Kynuna	10	2	30	-21.5778	141.9189	01-01-1888		Daily
30133	BOM (AUS)	Kynuna	10	2	30	-21.5778	141.9189	01-01-1888		Synop
35049	BOM (AUS)	Gillespie	10	3	35	-24.5608	145.7869	01-01-1878		Daily
35069	BOM (AUS)	Tambo Post Office	10	3	35	-24.8819	146.2564	01-01-1877		Daily
35069	BOM (AUS)	Tambo Post Office	10	3	35	-24.8819	146.2564	01-01-1877		Synop
35069	BOM (AUS)	Tambo Post Office	10	3	35	-24.8819	146.2564	8/01/1963		Continuous
35072	BOM (AUS)	Tambo Stn	10	3	35	-24.8856	146.2781	12/01/2000		Daily
35084	BOM (AUS)	Yalleroi	10	3	35	-24.0692	145.76	12/01/1900	8/01/1996	Daily
35099	BOM (AUS)	Lorne	10	3	35	-24.8	145.3	01-01-1888	1/01/1923	Daily
35106	BOM (AUS)	Ravensbourne Stn	10	3	35	-24.85	145.6167	1/01/1903	1/01/1920	Daily
35143	BOM (AUS)	Maryvale Springs	10	3	35	-24.0569	145.9083	1/01/1969		Daily
35161	BOM (AUS)	Champion	10	3	35	-24.2333	145.8833	1/01/1914	1/01/1925	Daily
35200	BOM (AUS)	Greendale Stn	10	3	35	-24.7886	146.1108	1/01/1908		Daily
35240	BOM (AUS)	Macfarlane	10	3	35	-24.8333	146.0167	1/01/1960	1/01/1979	Daily
35246	BOM (AUS)	Mount Enniskillen	10	3	35	-24.5978	146.1844	1/01/1910		Daily
35247	BOM (AUS)	Birkhead	10	3	35	-24.55	146.3667	1/01/1912	1/01/1971	Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
35256	BOM (AUS)	Jericho Post Office	10	3	35	-23.6033	146.1256	01-09-1896		Daily
35257	BOM (AUS)	Northampton Dns Outstn	10	3	35	-24.4333	145.7167	1/01/1900	1/01/1912	Daily
35259	BOM (AUS)	Duneira	10	3	35	-24.5408	145.5692	1/01/1994		Daily
35286	BOM (AUS)	Glencoe	10	3	35	-23.7122	146.1675	5/01/1993		Daily
36000	BOM (AUS)	Alice Post Office	10	3	36	-23.5667	145.65	01-10-1889	31-12-1972	Daily
36001	BOM (AUS)	Albilbah	10	3	36	-24.7167	144.2833	01-01-1890	1/01/1979	Daily
36002	BOM (AUS)	Ambo Stn	10	3	36	-22.8103	144.4033	01-01-1892		Daily
36003	BOM (AUS)	Birricannia	10	3	36	-21.9089	144.6694	1/01/1901		Daily
36004	BOM (AUS)	Aramac Post Office	10	3	36	-22.9717	145.245	01-01-1880		Daily
36005	BOM (AUS)	Arrilalah Telegraph Off	10	3	36	-23.6833	143.8833	7/01/1910	31-12-1984	Daily
36006	BOM (AUS)	Eversleigh	10	3	36	-21.7117	144.3928	4/01/1999		Daily
36007	BOM (AUS)	Barcaldine Post Office	10	3	36	-23.5544	145.2883	01-12-1886		Daily
36007	BOM (AUS)	Barcaldine Post Office	10	3	36	-23.5544	145.2883	01-12-1886		Synop
36008	BOM (AUS)	Bowen Downs	10	3	36	-22.4672	145.005	01-01-1882		Daily
36009	BOM (AUS)	Bowie	10	3	36	-21.8	145.9333	1/01/1913	1/01/1953	Daily
36011	BOM (AUS)	Marengo	10	3	36	-22.2067	145.0083	4/01/1999		Daily
36012	BOM (AUS)	Cameron Downs	10	3	36	-21.3747	144.2794	01-01-1888		Daily
36013	BOM (AUS)	Camoola Park	10	3	36	-23.0394	144.5194	1/01/1900		Daily
36014	BOM (AUS)	Catumnal	10	3	36	-21.8833	143.97	11/01/1943		Daily
36016	BOM (AUS)	Coreena	10	3	36	-23.2761	145.4008	01-01-1894		Daily
36017	BOM (AUS)	Corinda	10	3	36	-22.0667	145.3333	01-01-1899		Daily
36019	BOM (AUS)	Elwell	10	3	36	-21.7333	144.6333	8/01/1914	31-12-1978	Daily
36020	BOM (AUS)	Emmet Lister St	10	3	36	-24.6667	144.4833	1/01/1938	1/01/1979	Daily
36021	BOM (AUS)	Emmet Downs	10	3	36	-24.7208	144.4981	01-01-1897	23-12-1982	Daily
36021	BOM (AUS)	Emmet Downs	10	3	36	-24.7208	144.4981	01-01-1897	23-12-1982	Operational
36021	BOM (AUS)	Emmet Downs	10	3	36	-24.7208	144.4981	22-04-1998		Daily
36022	BOM (AUS)	Evesham Stn	10	3	36	-23.0311	143.7117	01-01-1884	11/07/1977	Daily
36022	BOM (AUS)	Evesham Stn	10	3	36	-23.0311	143.7117	25-08-1989		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
36023	BOM (AUS)	Holmleigh	10	3	36	-21.5119	144.6339	01-01-1899		Daily
36024	BOM (AUS)	Ilfracombe Post Office	10	3	36	-23.49	144.5075	01-12-1897		Daily
36025	BOM (AUS)	Isis Downs	10	3	36	-24.2217	143.6325	01-01-1888		Daily
36026	BOM (AUS)	Isisford Post Office	10	3	36	-24.2589	144.4406	01-01-1885		Daily
36026	BOM (AUS)	Isisford Post Office	10	3	36	-24.2589	144.4406	01-01-1885		Synop
36026	BOM (AUS)	Isisford Post Office	10	3	36	-24.2589	144.4406	26-07-1974		Continuous
36027	BOM (AUS)	Manningham	10	3	36	-23.1925	143.7889	19-01-2000		Daily
36028	BOM (AUS)	Merida	10	3	36	-22.1769	144.0486	1/01/1915		Daily
36029	BOM (AUS)	Lochnagar	10	3	36	-23.5667	145.65	01-03-1899	31-12-1972	Daily
36030	BOM (AUS)	Longreach Post Office	10	3	36	-23.45	144.25	01-01-1893	1/01/1985	Daily
36030	BOM (AUS)	Longreach Post Office	10	3	36	-23.45	144.25	7/01/1963	13-09-1971	Continuous
36031	BOM (AUS)	Longreach Aero	10	3	36	-23.4372	144.2769	8/01/1949		Daily
36031	BOM (AUS)	Longreach Aero	10	3	36	-23.4372	144.2769	8/01/1949		Synop
36031	BOM (AUS)	Longreach Aero	10	3	36	-23.4372	144.2769	31-01-1963		Continuous
36032	BOM (AUS)	Maneroo	10	3	36	-23.3667	143.8833	01-01-1884	1/01/1979	Daily
36033	BOM (AUS)	Malvern Hills	10	3	36	-24.5	145.15	01-01-1880	1/01/1948	Daily
36034	BOM (AUS)	Blackall Airport	10	3	36	-24.4303	145.4306	3/08/2001		Continuous
36036	BOM (AUS)	Lochnagar	10	3	36	-23.6239	145.6892	8/01/2001		Daily
36037	BOM (AUS)	Muttaborra	10	3	36	-22.595	144.5469	01-01-1885		Daily
36039	BOM (AUS)	Portland Downs	10	3	36	-24.1333	144.5833	01-01-1887	1/01/1974	Daily
36040	BOM (AUS)	Springleigh	10	3	36	-24.5617	144.7183	1/01/1933		Daily
36041	BOM (AUS)	Ruthven	10	3	36	-24.3333	144.1833	01-01-1888	1/01/1975	Daily
36042	BOM (AUS)	Saltern Post Office	10	3	36	-23.55	145.1	01-08-1896	31-12-1986	Daily
36043	BOM (AUS)	Strathdarr	10	3	36	-23.2828	143.9828	1/01/1913		Daily
36044	BOM (AUS)	Sutton Downs	10	3	36	-21.5	144.1167	1/01/1930	1/01/1987	Daily
36045	BOM (AUS)	Tangorin	10	3	36	-21.7631	144.2222	01-01-1892	31-03-1998	Daily
36046	BOM (AUS)	Tiree	10	3	36	-21.6283	145.1167	8/01/1912		Daily
36046	BOM (AUS)	Tiree	10	3	36	-21.6283	145.1167	10/10/1971		Continuous

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
36048	BOM (AUS)	Uanda	10	3	36	-21.6039	144.9033	01-09-1889		Daily
36049	BOM (AUS)	Darr R Downs	10	3	36	-22.9	144	01-01-1891	1/01/1963	Daily
36051	BOM (AUS)	Westland	10	3	36	-23.9683	143.8239	01-01-1887		Daily
36052	BOM (AUS)	Morella Railway Stn	10	3	36	-22.9831	143.8658	1/01/1956	31-08-1989	Daily
36054	BOM (AUS)	Evora Stn	10	3	36	-24.0825	145.5092	01-01-1887		Daily
36056	BOM (AUS)	Landsborough Downs	10	3	36	-21.5114	144.3989	01-01-1885		Daily
36057	BOM (AUS)	Mount Cornish	10	3	36	-22.6	144.6	01-01-1885	1/01/1918	Daily
36058	BOM (AUS)	Saltern Ck	10	3	36	-23.4	145.1	01-01-1889	1/01/1928	Daily
36059	BOM (AUS)	Bimbah	10	3	36	-23.3	144.4	01-01-1894	1/01/1930	Daily
36060	BOM (AUS)	Acacia Downs	10	3	36	-22.8333	144.7333	10/01/1908	31-12-1937	Daily
36061	BOM (AUS)	Alice Downs	10	3	36	-24.2667	145.4833	01-10-1890	31-12-1911	Daily
36062	BOM (AUS)	Kensington Downs	10	3	36	-22.5	144.2	01-01-1889	1/01/1903	Daily
36063	BOM (AUS)	Rimbanda Rail Siding	10	3	36	-22.8333	143.7333	9/01/1964	31-12-1974	Daily
36064	BOM (AUS)	Alroy	10	3	36	-23.5	143.4167	1/01/1915	1/01/1943	Daily
36065	BOM (AUS)	Caledonia	10	3	36	-22.1381	145.0564	01-01-1896	3/04/1999	Daily
36066	BOM (AUS)	Beaconsfield	10	3	36	-23.3269	144.5964	01-01-1894		Daily
36067	BOM (AUS)	Bristol	10	3	36	-23.25	145.0833	1/01/1966	1/01/1970	Daily
36068	BOM (AUS)	Marchmont	10	3	36	-23.1203	144.7542	1/01/1943	29-03-2001	Daily
36069	BOM (AUS)	Hanworth	10	3	36	-22.335	144.0569	1/01/1966		Daily
36073	BOM (AUS)	Luthrie	10	3	36	-22.7064	144.1028	6/01/1968		Daily
36074	BOM (AUS)	Jochmus	10	3	36	-22.3022	145.99	6/01/1968		Daily
36075	BOM (AUS)	Glenavon	10	3	36	-22.4833	145.3833	1/01/1969	1/01/1984	Daily
36076	BOM (AUS)	Eastmere	10	3	36	-22.5017	145.9183	3/01/1969		Daily
36077	BOM (AUS)	Home Ck	10	3	36	-23.9667	145.2667	1/01/1939	1/01/1985	Daily
36078	BOM (AUS)	Cranford	10	3	36	-21.3517	145.0753	1/01/1915		Daily
36079	BOM (AUS)	Tumut Vale	10	3	36	-21.3614	145.1717	1/01/1969		Daily
36080	BOM (AUS)	Yarrowmere	10	3	36	-21.45	145.8667	1/01/1940	1/01/1976	Daily
36081	BOM (AUS)	Thornleigh	10	3	36	-24.3231	144.9092	1/01/1911		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
36082	BOM (AUS)	Gowan Hills	10	3	36	-24.2483	144.6983	01-01-1898		Daily
36085	BOM (AUS)	Aberfoyle	10	3	36	-21.6678	145.2689	01-01-1892		Daily
36087	BOM (AUS)	Leichardt Farms	10	3	36	-23.1292	145.1128	1/01/1950		Daily
36088	BOM (AUS)	Gordonvale	10	3	36	-23.7667	144.4167	9/01/1970	31-12-1977	Daily
36090	BOM (AUS)	Rosedale Stn	10	3	36	-23.1714	146.0592	10/01/1970		Daily
36091	BOM (AUS)	Glenample Stn	10	3	36	-22.9167	145.1	1/01/1900	1/01/1975	Daily
36092	BOM (AUS)	Maylands	10	3	36	-22.4583	144.8339	1/01/1934		Daily
36093	BOM (AUS)	Yaraka State School	10	3	36	-24.8861	144.0756	1/01/1954	1/01/1989	Daily
36093	BOM (AUS)	Yaraka State School	10	3	36	-24.8861	144.0756	7/01/2000		Daily
36094	BOM (AUS)	Wahroongha	10	3	36	-24.4464	144.1094	20-12-2002		Daily
36096	BOM (AUS)	Ronlow Park	10	3	36	-21.7447	145.8147	1/01/1961		Daily
36097	BOM (AUS)	Clarendon	10	3	36	-24.2428	145.2219	1/01/1938		Daily
36098	BOM (AUS)	Lara	10	3	36	-23.8064	145.1867	1/01/1942	31-05-1995	Daily
36099	BOM (AUS)	Lake Dunn	10	3	36	-22.5167	145.6333	1/01/1901	1/01/1981	Daily
36100	BOM (AUS)	Arno	10	3	36	-24.6994	143.7331	1/01/1911	11/05/2003	Daily
36101	BOM (AUS)	Richmond Hills	10	3	36	-23.4914	145.6544	11/01/1972	31-07-2001	Daily
36102	BOM (AUS)	Barcaldine Downs	10	3	36	-23.7161	145.1303	01-01-1895		Daily
36103	BOM (AUS)	Ventry	10	3	36	-24.7	143.95	3/01/1915	31-12-1974	Daily
36109	BOM (AUS)	El Kantara	10	3	36	-23.55	143.5167	6/01/1921	31-12-1932	Daily
36111	BOM (AUS)	Evanston	10	3	36	-23.7092	144.5253	6/01/1974		Daily
36112	BOM (AUS)	Tally Rand	10	3	36	-23.05	144.1167	1/01/1900	1/01/1921	Daily
36113	BOM (AUS)	Wellshot	10	3	36	-23.8722	144.4783	01-01-1890		Daily
36114	BOM (AUS)	Tara Stn	10	3	36	-23.5833	145.0167	7/01/1917	31-12-1941	Daily
36115	BOM (AUS)	Tower Hill	10	3	36	-22.05	144.6	01-01-1888	1/01/1928	Daily
36116	BOM (AUS)	Bogewong	10	3	36	-23.9283	143.5217	1/01/1955		Daily
36116	BOM (AUS)	Bogewong	10	3	36	-23.9283	143.5217	1/01/1955		Operational
36117	BOM (AUS)	Rutland Park	10	3	36	-24.4	144.45	8/01/1974	31-12-1975	Daily
36118	BOM (AUS)	Wakefield	10	3	36	-24.1478	144.2325	1/01/1948		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
36119	BOM (AUS)	Pemberley	10	3	36	-24.5247	144.0928	7/01/1974		Daily
36120	BOM (AUS)	Tallundilly	10	3	36	-24.5753	144.5886	8/01/1974		Daily
36121	BOM (AUS)	Hazelwood	10	3	36	-23.9667	144.1333	8/01/1974	31-12-1984	Daily
36123	BOM (AUS)	Rotherfield	10	3	36	-23.6064	144.4758	9/01/1974		Daily
36124	BOM (AUS)	Amor Downs	10	3	36	-23.8583	144.2958	1/01/1949	30-04-2001	Daily
36125	BOM (AUS)	Campsie	10	3	36	-23.5667	143.6667	1/01/1966	1/01/1982	Daily
36126	BOM (AUS)	New Deer	10	3	36	-24.7014	144.1442	8/01/1974		Daily
36127	BOM (AUS)	Sunbury	10	3	36	-24.6017	143.8314	8/01/1974		Daily
36128	BOM (AUS)	Yarawa Downs	10	3	36	-24.4519	143.8742	8/01/1974		Daily
36129	BOM (AUS)	Ban Ban	10	3	36	-24.1167	143.7167	1/01/1933	1/01/1975	Daily
36130	BOM (AUS)	Russleigh	10	3	36	-24.335	143.7539	1/01/1951		Daily
36131	BOM (AUS)	Whitehill	10	3	36	-23.6367	144.0478	1/01/1950		Daily
36132	BOM (AUS)	Nerrena	10	3	36	-23.7833	144.1167	11/01/1974	31-12-1983	Daily
36134	BOM (AUS)	Moorlands	10	3	36	-24.3972	145.0694	9/01/1974		Daily
36135	BOM (AUS)	Selvister	10	3	36	-24.4572	145.2139	1/01/1954		Daily
36138	BOM (AUS)	Lorne Peak	10	3	36	-24.9614	145.1442	10/01/1922	31-12-1996	Daily
36140	BOM (AUS)	Gundoo	10	3	36	-24.7033	143.8306	1/01/1960		Daily
36141	BOM (AUS)	Rodney Downs	10	3	36	-23.1858	144.8514	1/01/1943		Daily
36142	BOM (AUS)	Kilala	10	3	36	-23.7	144.6667	1/01/1942	1/01/1957	Daily
36143	BOM (AUS)	Blackall Township	10	3	36	-24.4242	145.4653	01-01-1880		Daily
36143	BOM (AUS)	Blackall Township	10	3	36	-24.4242	145.4653	01-01-1880		Synop
36144	BOM (AUS)	Terrick Terrick Stud	10	3	36	-24.7361	145.0731	01-01-1894		Daily
36145	BOM (AUS)	Milton Park	10	3	36	-24.65	145.0667	1/01/1969	1/01/1976	Daily
36146	BOM (AUS)	Winhaven	10	3	36	-22.95	145.6833	10/01/1972	31-12-1976	Daily
36147	BOM (AUS)	Dotswood	10	3	36	-22.2319	144.5767	1/01/1929		Daily
36148	BOM (AUS)	Blackall DPI	10	3	36	-24.4167	145.4667	1/01/1965	1/01/1988	Daily
36149	BOM (AUS)	Keen Gea	10	3	36	-21.4717	145.0914	2/01/1976		Daily
36150	BOM (AUS)	Rockwood	10	3	36	-21.8	144.2667	01-01-1889	1/01/1906	Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
36151	BOM (AUS)	Stainburn Downs	10	3	36	-22.8667	145.1	01-01-1888	1/01/1903	Daily
36152	BOM (AUS)	Highlands	10	3	36	-24.95	144.4333	01-01-1889	1/01/1901	Daily
36153	BOM (AUS)	Summer Hill	10	3	36	-23.0522	144.8103	1/01/1909		Daily
36154	BOM (AUS)	Bogunda Stn	10	3	36	-21.3764	144.7642	1/01/1980		Daily
36158	BOM (AUS)	Gooyea Stn	10	3	36	-25.37	144.3581	1/01/1988		Daily
36163	BOM (AUS)	Ashgrove Stn	10	3	36	-23.4894	144.9889	1/01/1993		Daily
36164	BOM (AUS)	Fernhurst	10	3	36	-23.6172	144.2114	1/01/1984		Daily
36165	BOM (AUS)	Moorrinya National Park	10	3	36	-21.5028	144.9897	7/01/1995		Daily
36167	BOM (AUS)	Longreach Comparison	10	3	36	-23.4372	144.2769	7/02/1996	31-05-1997	Daily
36167	BOM (AUS)	Longreach Comparison	10	3	36	-23.4372	144.2769	7/02/1996	31-05-1997	Synop
36168	BOM (AUS)	Koondoo	10	3	36	-24.9553	145.2489	1/01/1997		Daily
36171	BOM (AUS)	Birkdale	10	3	36	-24.0567	144.7008	1/01/1998		Daily
36172	BOM (AUS)	Gue	10	3	36	-21.9667	144.3333	2/03/2004		Daily
37000	BOM (AUS)	Alni	10	2	37	-22.1542	142.49	6/01/1916		Daily
37001	BOM (AUS)	Ayrshire Downs	10	2	37	-21.9678	142.7214	01-01-1885		Daily
37002	BOM (AUS)	Baratria	10	3	37	-22.82	143.385	1/01/1913		Daily
37003	BOM (AUS)	Barkly Downs	10	1	37	-20.4661	138.4683	1/01/1904		Daily
37004	BOM (AUS)	Beaully	10	2	37	-21.7667	143.5167	1/01/1943	1/01/1945	Daily
37005	BOM (AUS)	Bimerah	10	3	37	-24.2189	143.5781	01-01-1885		Daily
37006	BOM (AUS)	Bladensburg	10	2	37	-22.515	143.0386	1/01/1917		Daily
37007	BOM (AUS)	Brighton Downs	10	2	37	-23.3594	141.5628	01-04-1893		Daily
37008	BOM (AUS)	Buckingham Downs	10	1	37	-22.0764	139.7581	1/01/1915		Daily
37009	BOM (AUS)	Mackunda Downs	10	2	37	-22.3736	141.2853	10/01/1998		Daily
37010	BOM (AUS)	Camooweal Township	10	1	37	-19.9225	138.1214	01-10-1891	30-09-1997	Daily
37010	BOM (AUS)	Camooweal Township	10	1	37	-19.9225	138.1214	01-10-1891	30-09-1997	Synop
37010	BOM (AUS)	Camooweal Township	10	1	37	-19.9225	138.1214	8/10/1964	30-09-1997	Continuous
37010	BOM (AUS)	Camooweal Township	10	1	37	-19.9225	138.1214	29-04-1998		Synop
37011	BOM (AUS)	Carandotta Stn	10	1	37	-21.9714	138.6117	01-01-1882		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
37012	BOM (AUS)	Cawnpore Stn	10	1	37	-22.9817	140.2933	1/01/1949	1/01/1950	Daily
37013	BOM (AUS)	Chatsworth	10	1	37	-21.9744	140.2964	12/01/1914		Daily
37014	BOM (AUS)	Cork Stn	10	2	37	-22.9258	142.3119	01-01-1888		Daily
37015	BOM (AUS)	Corona Downs	10	3	37	-23.1258	143.4619	01-01-1888		Daily
37016	BOM (AUS)	Dagworth Stn	10	2	37	-21.8664	142.1544	01-01-1884		Daily
37017	BOM (AUS)	Dajarra Hotel	10	1	37	-21.6944	139.5128	1/01/1940		Daily
37019	BOM (AUS)	Duchess Hotel	10	1	37	-21.3564	139.8653	6/01/1914		Daily
37020	BOM (AUS)	Elvo Stn	10	2	37	-23.335	142.25	1/01/1940		Daily
37021	BOM (AUS)	Fermoy	10	3	37	-23.1697	143.0197	1/01/1915	1/01/1995	Daily
37022	BOM (AUS)	Fort William	10	1	37	-22.45	140.0167	1/01/1915	1/01/1953	Daily
37024	BOM (AUS)	Headingly Stn	10	1	37	-21.3225	138.2906	01-05-1882		Daily
37025	BOM (AUS)	Katandra	10	3	37	-21.55	143.8031	01-01-1885		Daily
37026	BOM (AUS)	Aldingham	10	2	37	-22.2806	143.22	24-07-2001		Daily
37027	BOM (AUS)	Llanrheidol Stn	10	2	37	-22.2833	141.6	01-01-1888	1/01/1966	Daily
37028	BOM (AUS)	Lucknow Stn	10	1	37	-22.7172	140.9172	01-01-1895		Daily
37030	BOM (AUS)	Malboona	10	2	37	-21.8886	143.6019	1/01/1903		Daily
37031	BOM (AUS)	Manuka	10	2	37	-21.7167	143.4	01-02-1887	31-12-1954	Daily
37032	BOM (AUS)	Mayneside	10	2	37	-23.5167	142.55	3/01/1915	31-12-1963	Daily
37033	BOM (AUS)	Melrose	10	3	37	-22.7414	143.3342	01-01-1886		Daily
37035	BOM (AUS)	Oban Stn	10	1	37	-21.2339	139.0467	9/01/1915		Daily
37036	BOM (AUS)	Trepell Airport	10	1	37	-21.84	140.8925	21-08-2001		Continuous
37037	BOM (AUS)	Pialaway Downs	10	3	37	-22.4833	143.7167	2/01/1916	31-12-1956	Daily
37038	BOM (AUS)	Saville Downs	10	2	37	-22.05	141.5	1/01/1949	1/01/1950	Daily
37040	BOM (AUS)	Stonehenge	10	3	37	-24.3514	143.2881	6/01/1921		Daily
37041	BOM (AUS)	Stradbroke Stn	10	1	37	-21.5647	139.7231	1/01/1916		Daily
37042	BOM (AUS)	Toolebuc	10	1	37	-22.1644	140.8431	1/01/1915	8/09/1992	Daily
37043	BOM (AUS)	Urandangie	10	1	37	-21.6119	138.3136	01-11-1891		Daily
37043	BOM (AUS)	Urandangie	10	1	37	-21.6119	138.3136	01-11-1891		Synop

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
37045	BOM (AUS)	Vergemont	10	3	37	-23.5303	143.0086	1/01/1910	10/03/2002	Daily
37046	BOM (AUS)	Elderslie	10	2	37	-22.2903	142.4731	01-01-1888		Daily
37048	BOM (AUS)	Warenda	10	1	37	-22.6372	140.4958	01-01-1892	8/09/1997	Daily
37049	BOM (AUS)	Warrnambool Downs	10	3	37	-22.8131	142.8325	01-01-1887		Daily
37050	BOM (AUS)	Whitewood Post Office	10	3	37	-21.4833	143.6	1/01/1913	1/01/1973	Daily
37051	BOM (AUS)	Winton Post Office	10	2	37	-22.3908	143.0386	01-01-1884		Daily
37051	BOM (AUS)	Winton Post Office	10	2	37	-22.3908	143.0386	01-01-1884		Synop
37051	BOM (AUS)	Winton Post Office	10	2	37	-22.3908	143.0386	8/12/1964		Continuous
37052	BOM (AUS)	Mundurin Stn	10	2	37	-22.8792	141.8364	1/01/1945		Daily
37055	BOM (AUS)	Flora Downs	10	1	37	-20.1153	138.8036	01-02-1894		Daily
37056	BOM (AUS)	Mahrigong	10	2	37	-22.2628	143.7447	1/01/1916		Daily
37057	BOM (AUS)	Bushy Park	10	1	37	-21.2622	139.7247	1/01/1912		Daily
37060	BOM (AUS)	Suvla	10	2	37	-22.5167	142.5833	1/01/1940	1/01/1979	Daily
37061	BOM (AUS)	Cotswold Hills	10	2	37	-22.545	142.6683	1/01/1938		Daily
37062	BOM (AUS)	Chorregon Railway Stn	10	3	37	-22.6833	143.55	9/01/1964	31-12-1986	Daily
37064	BOM (AUS)	Noranside	10	1	37	-22.1667	140	01-01-1889	1/01/1902	Daily
37065	BOM (AUS)	Olio Post Office	10	2	37	-21.9	143.2167	1/01/1912	1/01/1938	Daily
37066	BOM (AUS)	Happy Valley	10	3	37	-22.9692	142.6458	1/01/1904	1/01/1957	Daily
37067	BOM (AUS)	Wandsworth Stn	10	3	37	-25.0333	143.6667	1/01/1965	1/01/1970	Daily
37069	BOM (AUS)	Lochern	10	3	37	-24.1167	143.35	1/01/1924	1/01/1931	Daily
37070	BOM (AUS)	Oondooroo Railway Stn	10	2	37	-22.1667	143.0833	01-01-1882	1/01/1928	Daily
37072	BOM (AUS)	Ardmore	10	1	37	-21.6489	139.1844	1/01/1915		Daily
37073	BOM (AUS)	Westerton	10	3	37	-24.0417	142.8317	11/01/1967		Daily
37074	BOM (AUS)	Mayfair Stn	10	2	37	-22.45	141.5833	1/01/1965	1/01/1968	Daily
37075	BOM (AUS)	Winton Police Stn	10	2	37	-22.3775	143.0333	1/01/1965	1/01/1976	Daily
37076	BOM (AUS)	Mount Landsborough	10	2	37	-22.5875	143.2283	6/01/1969	10/03/2002	Daily
37077	BOM (AUS)	Linda Downs	10	1	37	-22.2	138.6947	1/01/1969		Daily
37078	BOM (AUS)	Middleton Hotel	10	2	37	-22.3522	141.5497	7/01/1970		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
37079	BOM (AUS)	Tranby	10	2	37	-22.6611	142.3933	1/01/1932		Daily
37081	BOM (AUS)	Corfield-Manuka St	10	2	37	-21.7128	143.3753	1/01/1971		Daily
37082	BOM (AUS)	Oondooroo	10	2	37	-22.175	143.1667	1/01/1913	1/01/1985	Daily
37086	BOM (AUS)	Cooinda	10	2	37	-21.9167	142.8667	01-01-1898	1/01/1957	Daily
37088	BOM (AUS)	Elvira	10	3	37	-21.45	143.6333	1/01/1961	1/01/1979	Daily
37089	BOM (AUS)	Onoto	10	2	37	-24.1167	142.3833	2/01/1915	31-12-1983	Daily
37090	BOM (AUS)	Tonkoro	10	2	37	-23.9667	142.4833	9/01/1973	31-12-1980	Daily
37091	BOM (AUS)	Warra Stn	10	1	37	-23.1214	140.5683	1/01/1973		Daily
37093	BOM (AUS)	Stranraer	10	3	37	-22.8333	143.6167	2/01/1913	31-12-1949	Daily
37094	BOM (AUS)	Clyde	10	3	37	-22.7167	143.5	2/01/1913	31-12-1919	Daily
37095	BOM (AUS)	Marmboo	10	3	37	-23.3119	143.4422	1/01/1950		Daily
37096	BOM (AUS)	Avondale	10	3	37	-23.6	143.2667	1/01/1919	1/01/1974	Daily
37097	BOM (AUS)	Mount Ryde	10	3	37	-23.3211	143.1706	1/01/1914		Daily
37098	BOM (AUS)	Noonbah	10	3	37	-24.1075	143.1867	1/01/1910		Daily
37099	BOM (AUS)	Newlands	10	2	37	-22.6167	143.4667	8/01/1974	31-12-1975	Daily
37100	BOM (AUS)	The Ranch	10	3	37	-23.4403	143.2522	1/01/1971	10/03/2002	Daily
37101	BOM (AUS)	Denton	10	3	37	-22.9533	143.5553	1/01/1930		Daily
37103	BOM (AUS)	Elrose Stn	10	1	37	-22.8156	140.11	1/01/1930		Daily
37104	BOM (AUS)	Weona	10	3	37	-23.0631	142.8197	1/01/1964		Daily
37105	BOM (AUS)	Belmont	10	2	37	-22.0792	143.5111	01-08-1896		Daily
37106	BOM (AUS)	Phosphate Hill	10	1	37	-21.8831	139.9728	6/01/1975		Daily
37107	BOM (AUS)	The Monument	10	1	37	-21.7644	139.9164	6/01/1976		Daily
37108	BOM (AUS)	Leswalt	10	2	37	-22.4333	143.4	2/01/1913	31-12-1917	Daily
37109	BOM (AUS)	Alderley Stn	10	1	37	-22.4933	139.6622	1/01/1920	1/01/2001	Daily
37110	BOM (AUS)	Lady Fanny Copper Mine	10	1	37	-21.25	139.7667	4/01/1915	31-12-1919	Daily
37112	BOM (AUS)	Sunnyside	10	3	37	-23.9686	143.3031	1/01/1930		Daily
37113	BOM (AUS)	Vuna Stn	10	2	37	-21.3733	143.5069	1/01/1915		Daily
37115	BOM (AUS)	Rocklands	10	1	37	-19.8611	138.1028	1/01/1988		Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
37116	BOM (AUS)	Woodstock Stn	10	2	37	-22.2583	141.9464	1/01/1988		Daily
37118	BOM (AUS)	Jarvisfield	10	2	37	-22.5067	142.5875	6/01/1990		Daily
37119	BOM (AUS)	Thorner Stn	10	1	37	-21.7075	138.4833	6/01/1990		Daily
37120	BOM (AUS)	Wyora	10	2	37	-21.8958	143.0967	8/01/1992		Daily
37121	BOM (AUS)	Wongan	10	2	37	-21.8	142.5425	10/01/1992		Daily
37122	BOM (AUS)	Tulmur	10	2	37	-22.6439	142.2511	2/01/1994		Daily
38000	BOM (AUS)	Bedourie Police Stn	10	1	38	-24.3597	139.4714	8/01/1932		Daily
38000	BOM (AUS)	Bedourie Police Stn	10	1	38	-24.3597	139.4714	8/01/1932		Synop
38001	BOM (AUS)	Betoota	10	2	38	-25.7	140.7667	6/01/1949	31-12-1950	Daily
38002	BOM (AUS)	Birdsville Police Stn	10	2	38	-25.9003	139.3486	01-01-1892	5/05/2001	Daily
38002	BOM (AUS)	Birdsville Police Stn	10	2	38	-25.9003	139.3486	01-01-1892	5/05/2001	Synop
38003	BOM (AUS)	Bouliia Airport	10	1	38	-22.9117	139.9039	01-01-1886		Daily
38003	BOM (AUS)	Bouliia Airport	10	1	38	-22.9117	139.9039	01-01-1886		Synop
38003	BOM (AUS)	Bouliia Airport	10	1	38	-22.9117	139.9039	15-07-1964		Continuous
38004	BOM (AUS)	Navarra	10	3	38	-24.8517	143.6669	10/01/1998		Daily
38005	BOM (AUS)	Cluny	10	1	38	-24.5081	139.5881	1/01/1939		Daily
38006	BOM (AUS)	Coorabulka	10	1	38	-23.7308	140.3075	01-01-1898		Daily
38007	BOM (AUS)	Currawilla Stn	10	2	38	-25.1425	141.3456	01-01-1881		Daily
38008	BOM (AUS)	Diamantina Lakes	10	2	38	-23.7642	141.1414	01-01-1890		Daily
38009	BOM (AUS)	Glengyle	10	1	38	-24.7867	139.59	3/01/1914		Daily
38010	BOM (AUS)	Glenormiston	10	1	38	-22.9144	138.8036	01-09-1890		Daily
38011	BOM (AUS)	Jedburgh Stn	10	3	38	-25.0833	143.55	1/01/1913	1/01/1979	Daily
38012	BOM (AUS)	Jundah Post Office	10	3	38	-24.8286	143.0592	01-04-1887		Daily
38013	BOM (AUS)	Keeroongooloo	10	3	38	-25.9097	142.7961	01-04-1890		Daily
38014	BOM (AUS)	Marion Downs	10	1	38	-23.365	139.6556	1/01/1913		Daily
38015	BOM (AUS)	Monkira	10	2	38	-24.8217	140.5558	01-01-1882		Daily
38016	BOM (AUS)	Moothandella Stn	10	3	38	-25.5458	142.9419	1/01/1926		Daily
38017	BOM (AUS)	Mount Leonard Stn	10	2	38	-25.6825	140.7483	11/01/1925	31-10-1953	Daily

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Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
38017	BOM (AUS)	Mount Leonard Stn	10	2	38	-25.6825	140.7483	1/01/1973		Daily
38018	BOM (AUS)	Retreat (Barcoo River)	10	3	38	-25.1953	143.2756	1/01/1912		Daily
38019	BOM (AUS)	Longford	10	3	38	-24.9453	143.9244	1/01/1929	19-06-2002	Daily
38020	BOM (AUS)	Roseberth Stn	10	2	38	-25.79	139.5856	7/01/1913		Daily
38021	BOM (AUS)	Springfield	10	3	38	-25.8	143.0167	5/01/1914	31-12-1961	Daily
38022	BOM (AUS)	Springvale	10	2	38	-23.5564	140.6978	01-01-1888		Daily
38023	BOM (AUS)	Tanbar Stn	10	3	38	-25.8433	141.915	01-01-1888		Daily
38024	BOM (AUS)	Windorah Post Office	10	3	38	-25.4228	142.6564	01-01-1887		Daily
38024	BOM (AUS)	Windorah Post Office	10	3	38	-25.4228	142.6564	01-01-1887		Synop
38024	BOM (AUS)	Windorah Post Office	10	3	38	-25.4228	142.6564	10/01/1964		Continuous
38025	BOM (AUS)	Sandringham	10	1	38	-24.055	139.0617	6/01/1965		Daily
38026	BOM (AUS)	Birdsville Airport	10	2	38	-25.8975	139.3472	27-06-2000		Continuous
38026	BOM (AUS)	Birdsville Airport	10	2	38	-25.8975	139.3472	5/06/2001		Daily
38027	BOM (AUS)	Annandale Stn	10	1	38	-25.3833	138.6333	01-01-1898	1/01/1924	Daily
38028	BOM (AUS)	Kallidiwarry	10	1	38	-25.1833	138.5667	01-04-1890	31-12-1905	Daily
38029	BOM (AUS)	Connemarra Stn	10	2	38	-24.2167	142.2667	01-04-1885	31-12-1979	Daily
38030	BOM (AUS)	Davenport Downs Stn	10	2	38	-24.155	141.0983	7/01/1944		Daily
38031	BOM (AUS)	Durrie Stn	10	2	38	-25.65	140.2333	6/01/1913	31-12-1978	Daily
38032	BOM (AUS)	Roxborough Downs	10	1	38	-22.5197	138.8347	01-01-1890		Daily
38033	BOM (AUS)	Palparara	10	2	38	-24.8233	141.475	01-01-1893	30-11-1992	Daily
38035	BOM (AUS)	Trinidad	10	3	38	-25.5903	143.8917	5/01/1969		Daily
38039	BOM (AUS)	Regleigh	10	3	38	-25.7011	143.4558	1/01/1951		Daily
38040	BOM (AUS)	Carranya	10	3	38	-25.3039	142.2017	1/01/1958		Daily
38041	BOM (AUS)	Hammond Downs	10	3	38	-25.4272	142.82	10/01/1972		Daily
38042	BOM (AUS)	Clifton	10	3	38	-25.6478	143.1686	1/01/1956		Daily
38043	BOM (AUS)	Lochiel	10	3	38	-24.68	142.385	1/01/1953		Daily
38044	BOM (AUS)	Canary	10	1	38	-23.2436	140.3603	9/01/1973		Daily
38045	BOM (AUS)	Grahgor Downs	10	2	38	-24.4833	142.45	9/01/1973	31-12-1980	Daily

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
38047	BOM (AUS)	Lorna Downs	10	1	38	-23.3758	140.1742	1/01/1973	28-08-1997	Daily
38047	BOM (AUS)	Lorna Downs	10	1	38	-23.3758	140.1742	4/01/1998		Daily
38048	BOM (AUS)	Kamaran Downs	10	1	38	-24.3353	139.2775	9/01/1973		Daily
38049	BOM (AUS)	Hayfield	10	3	38	-24.88	142.6667	1/01/1960		Daily
38050	BOM (AUS)	Mooraberrie Stn	10	2	38	-25.2367	140.9833	1/01/1974		Daily
38051	BOM (AUS)	Waverney	10	3	38	-25.35	141.9333	11/01/1912	31-12-1974	Daily
38052	BOM (AUS)	Mudgeacca	10	1	38	-23.0581	139.9583	1/01/1929		Daily
38056	BOM (AUS)	South Galway	10	3	38	-25.6653	142.1086	12/01/1973		Daily
38057	BOM (AUS)	Welford Lagoons	10	3	38	-25.1667	143.3333	01-06-1887	31-12-1894	Daily
38058	BOM (AUS)	Coniston	10	3	38	-25.3122	142.9153	9/01/1920		Daily
38059	BOM (AUS)	Thunda Stn	10	3	38	-25.5	143.1	6/01/1912	31-12-1918	Daily
38060	BOM (AUS)	Galway Downs	10	3	38	-25.1806	142.6817	1/01/1974		Daily
38061	BOM (AUS)	Glenariff Stn	10	3	38	-24.5733	143.2	1/01/1962	15-07-1999	Daily
38062	BOM (AUS)	Carella Stn	10	3	38	-24.6947	143.1275	7/01/1974		Daily
38063	BOM (AUS)	Haughton Vale	10	3	38	-25.1506	142.9836	8/01/1974	1/01/1975	Daily
38063	BOM (AUS)	Haughton Vale	10	3	38	-25.1506	142.9836	1/01/1986		Daily
38064	BOM (AUS)	Thurles Park	10	3	38	-24.165	142.9233	8/01/1974	20-07-1989	Daily
38065	BOM (AUS)	Swanvale	10	3	38	-24.6167	143.4167	8/01/1974	31-12-1977	Daily
38066	BOM (AUS)	Mount Marlow	10	3	38	-24.9453	143.7556	1/01/1915		Daily
38067	BOM (AUS)	Goodwood	10	1	38	-22.8333	140.2333	5/01/1915	31-12-1929	Daily
38072	BOM (AUS)	Westward Ho	10	1	38	-23.0483	140.2317	2/01/1951		Daily
38073	BOM (AUS)	Morney Plains	10	2	38	-25.3714	141.4703	5/01/1992		Daily
38075	BOM (AUS)	Lynwood	10	3	38	-25.7131	143.4308	20-05-1998		Daily
45005	BOM (AUS)	Durham Downs	10	3	45	-27.0794	141.9075	01-01-1893		Daily
45006	BOM (AUS)	Eromanga Post Office	10	3	45	-26.6692	143.2703	1/01/1905		Daily
45008	BOM (AUS)	Kyabra	10	3	45	-26.2994	143.1597	1/01/1905	6/07/1995	Daily
45009	BOM (AUS)	Ballera Gas Field	10	3	45	-27.4008	141.8114	8/06/1998	8/10/2002	Daily
45010	BOM (AUS)	Mt Howitt Stn	10	3	45	-26.5122	142.2731	01-01-1888		Daily

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
45011	BOM (AUS)	Mount Margaret	10	3	45	-26.8992	143.3383	01-01-1889		Daily
45012	BOM (AUS)	Nappa Merrie	10	3	45	-27.5972	141.1022	1/01/1908		Daily
45013	BOM (AUS)	Noccundra Police Stn	10	3	45	-27.8167	142.5833	6/01/1913	31-12-1960	Daily
45016	BOM (AUS)	Ray Stn	10	3	45	-26.0833	143.7256	1/01/1918		Daily
45018	BOM (AUS)	Thylungra Stn	10	3	45	-26.0853	143.4483	01-01-1893		Daily
45022	BOM (AUS)	Whynot Stn	10	3	45	-26.6911	143.9047	9/01/1930		Daily
45023	BOM (AUS)	Lake Pure	10	3	45	-27.0167	141.3	1/01/1958	1/01/1961	Daily
45024	BOM (AUS)	Nockatunga Stn	10	3	45	-27.7214	142.7128	01-01-1888		Daily
45026	BOM (AUS)	Woomanooka	10	3	45	-27.2667	142.15	4/01/1999		Daily
45028	BOM (AUS)	Arrabury Stn	10	3	45	-26.7631	141.0242	1/01/1914	3/01/2001	Daily
45029	BOM (AUS)	Orientos Stn	10	3	45	-28.0619	141.5303	8/01/1965		Daily
45032	BOM (AUS)	Plevna Downs	10	3	45	-26.6806	142.5939	1/01/1938		Daily
45034	BOM (AUS)	Tallyabra Stn	10	3	45	-26.6303	143.5311	1/01/1922		Daily
45035	BOM (AUS)	Bodalla Stn	10	3	45	-26.3061	143.3767	6/01/1969	31-12-1994	Daily
45036	BOM (AUS)	Yambutta Stn	10	3	45	-26.6333	143.5833	1/01/1941	1/01/1972	Daily
45039	BOM (AUS)	Malagarga Stn	10	3	45	-26.3667	142.2833	10/01/1973	31-12-1973	Daily
45041	BOM (AUS)	Ulamuntha Outstation	10	3	45	-26.9	142.8667	12/01/1973	31-12-1977	Daily
45042	BOM (AUS)	Mount Margaret 16 Bore	10	3	45	-27.2	143.1667	12/01/1973	31-12-1978	Daily
45047	BOM (AUS)	Gilpeppee Outstation	10	3	45	-26.15	141.6333	1/01/1913	1/01/1975	Daily
45048	BOM (AUS)	Tenapera	10	3	45	-28.05	141.9	01-02-1890	31-12-1902	Daily
45051	BOM (AUS)	Bulgroo Stn	10	3	45	-25.7911	143.7036	01-01-1888		Daily
45056	BOM (AUS)	Daleys Bore Outstation	10	3	45	-26.1333	143.9167	2/01/1981	31-12-1982	Daily
45057	BOM (AUS)	Noccundra Hotel	10	3	45	-27.8169	142.5889	7/01/1992		Daily
45057	BOM (AUS)	Noccundra Hotel	10	3	45	-27.8169	142.5889	7/01/1992		Operational
45058	BOM (AUS)	Karmona	10	3	45	-27.3772	141.9472	2/01/1992	12/12/1998	Daily
45058	BOM (AUS)	Karmona	10	3	45	-27.3772	141.9472	2/09/1999	19-04-1999	Operational
45058	BOM (AUS)	Karmona	10	3	45	-27.3772	141.9472	2/09/1999	19-04-1999	Daily
45059	BOM (AUS)	Jackson Oilfield	10	3	45	-27.6358	142.4003	10/01/1985		Daily

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
45060	BOM (AUS)	Yapunyah Stn	10	3	45	-26.3867	143.1997	1/01/1987		Daily
45061	BOM (AUS)	Tau Oilfield	10	3	45	-28.325	141.4483	4/01/1989	18-02-1992	Daily
45063	BOM (AUS)	Camerons Corner	10	4	45	-28.9981	140.9997	3/01/1991	12/10/1996	Daily
45064	BOM (AUS)	Canaway Downs	10	3	45	-25.9953	143.9253	1/01/1987		Daily
45065	BOM (AUS)	Raymore	10	3	45	-26.1422	143.0292	1/01/1995		Daily
46000	BOM (AUS)	Binerah Downs	10	3	46	-29.0333	141.55	4/01/1939	31-12-1952	Daily
46003	BOM (AUS)	Corona Homestead	10	4	46	-31.2873	141.4437	01-01-1882		Daily
46005	BOM (AUS)	Fortville	10	3	46	-29	141.1667	4/01/1936	31-12-1945	Daily
46006	BOM (AUS)	Tibooburra (Fort Grey)	10	4	46	-29.0917	141.2022	01-08-1899		Daily
46009	BOM (AUS)	Hewart Downs	10	4	46	-29.5167	141.3333	4/01/1928	31-12-1949	Daily
46014	BOM (AUS)	Lake Stewart	10	4	46	-29.2833	141.25	12/01/1935	31-12-1950	Daily
46023	BOM (AUS)	Mundi Mundi	10	4	46	-31.8833	141.0333	01-01-1894	1/01/1960	Daily
46028	BOM (AUS)	Olive Downs	10	3	46	-29.05	141.86	01-09-1896	30-04-1995	Daily
46036	BOM (AUS)	Thompsons Siding	10	4	46	-31.6	141.5	1/01/1933	1/01/1946	Daily
46040	BOM (AUS)	Waka	10	4	46	-29.2333	141.3333	1/01/1951	1/01/1976	Daily
46049	BOM (AUS)	Yandama Downs	10	4	46	-29.6833	141.4167	01-05-1887	31-12-1945	Daily
46050	BOM (AUS)	Broken Hill (Pine View)	10	4	46	-30.6978	141.0722	23-07-1999		Daily
46053	BOM (AUS)	Theldarpa	10	4	46	-29.6333	141.4833	5/01/1959	31-12-1977	Daily
46066	BOM (AUS)	Mokely	10	4	46	-29.45	141.6167	01-06-1899	31-12-1914	Daily
46073	BOM (AUS)	Purnamoota	10	4	46	-31.7	141.45	01-08-1887	31-12-1919	Daily
46080	BOM (AUS)	Torrowangee	10	4	46	-31.4667	141.4167	01-08-1896	31-12-1925	Daily
46083	BOM (AUS)	Wyarra	10	4	46	-30.2667	141.55	01-06-1897	31-12-1913	Daily
46084	BOM (AUS)	Wydgah	10	4	46	-30	141.6167	01-06-1897	31-12-1915	Daily
46087	BOM (AUS)	Poolamacca	10	4	46	-31.5	141.4	01-01-1879	1/01/1922	Daily
46108	BOM (AUS)	Teilta	10	4	46	-30.9333	141.2333	1/01/1911	1/01/1918	Daily
47030	BOM (AUS)	Silverton Post Office	10	4	47	-31.8833	141.2167	01-01-1884	1/01/1979	Daily
47035	BOM (AUS)	Thackaringa	10	4	47	-32	141.1	01-01-1891	1/01/1949	Daily
47039	BOM (AUS)	Umberumberka Reservoir	10	4	47	-31.8167	141.2078	11/01/1911		Daily

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
47039	BOM (AUS)	Umberumberka Reservoir	10	4	47	-31.8167	141.2078	11/01/1911		Synop
47039	BOM (AUS)	Umberumberka Reservoir	10	4	47	-31.8167	141.2078	6/01/1982	20-11-1999	Continuous
47049	BOM (AUS)	Broken Hill (Thackaringa)	10	4	47	-32.0682	141.1097	5/03/2001		Daily
47073	BOM (AUS)	Tharinga Tank	10	4	47	-32	141.1	01-01-1891	1/01/1923	Daily
47088	BOM (AUS)	Thackaringa Town	10	4	47	-32	141.1	01-08-1890	31-12-1918	Daily
47090	BOM (AUS)	Rat Hole Tank	10	4	47	-31.9	141.1667	01-01-1891	1/01/1917	Daily
515006	BOM (AUS)	Mount Lloyd	10	6	15B	-23.6431	133.7981	30-05-2001		Operational
515509	BOM (AUS)	Mt Sir Charles	10	6	15B	-23.55	134.05	15-12-2003		Operational
530004	NRM (QLD)	Oakley Rn 00320002	10	3	30	-21.0156	145.1858	27-07-1995		Continuous
535010	NRM (QLD)	Tambo (Old Alpha Rd) RN00330007	10	3	35	-24.8342	146.3122	16-02-1993		Continuous
535011	NRM (QLD)	Tarabah RN00330004	10	3	35	-24.5578	146.4436	17-02-1993		Continuous
535043	BOM (AUS)	Tambo TM	10	3	35	-24.8817	146.2564	12/12/2003		Operational
536001	NRM (QLD)	Swanlea Bore - GS 600306A	10	3	36	-22.4142	145.545	25-07-1995		Continuous
536002	NRM (QLD)	Parkgate - GS 600312A	10	3	36	-23.8067	145.7047	23-07-1995		Continuous
536003	NRM (QLD)	Jericho/Blackall Rd - GS 600313A	10	3	35	-23.8631	145.8503	9/02/1995		Continuous
536004	NRM (QLD)	Grant GS 600314A	10	3	36	-23.3844	145.6878	24-07-1995		Continuous
545002	BOM (AUS)	Nappa Merrie TM	10	3	45	-27.6008	141.095	3/04/2002		Operational
AW00450 2	DWLBC (SA)	Terrapinna Springs	10	4	17	-29.9217	139.6667	1/01/1972	1/01/1991	Continuous
AW00451 7	DWLBC (SA)	Gammon Plateau	10	4	17	-30.4633	139.05	1/01/1988		Continuous
AW00451 8	DWLBC (SA)	Exclusion Zone	10	4	17	-30.4383	138.97	1/01/1990		Continuous
AW00451 9	DWLBC (SA)	near Sambot Waterhole	10	4	17	-30.445	139.035	1/01/1991		Continuous
AW00452 1	DWLBC (SA)	4 Km Along South Branch	10	4	17	-30.4717	139.0033	1/01/1997		Continuous
R0050004	NRETA (NT)	Andado Stn at Stoney Plains	10	6	15B	-25.4518	135.1691	9/12/1967	23-07-1970	Continuous
R0050005	NRETA (NT)	Jay Ck at Ildjarabada	10	5	15B	-23.7667	133.5167	11/07/1975	12/10/1981	Continuous
R0050006	NRETA (NT)	Jay Ck at Pyberinge	10	5	15B	-24.7167	133.5333	7/04/1974	9/11/1995	Continuous

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
R0050007	NRETA (NT)	Andado Stn at Swale	10	6	15B	-25.28	135.298	17-12-1967	25-07-1970	Continuous
R0050008	NRETA (NT)	Jay Ck at Old Hamilton Downs	10	5	15B	-23.6504	133.4841	11/08/1972		Continuous
R0050115	NRETA (NT)	Hugh R South Rd. X-Ing	10	5	15B	-24.3538	133.4331	12/07/1994		Continuous
R0050116	NRETA (NT)	Finke R Stuart HWY D/S Rd Br	10	5	15B	-24.55	133.3333	28-11-1997		Continuous
R0050139	NRETA (NT)	Hermannsburg at RN015006	10	5	15B	-23.9525	132.7511	7/08/1993		Continuous
R0050154	NRETA (NT)	Hugh R at GS Stuart Pass	10	5	15B	-23.7333	133.3333	13-09-1973	3/10/1987	Continuous
R0050158	NRETA (NT)	Hugh R at Right(West)Tributary	10	5	15B	-23.7233	133.27	9/12/1973	3/10/1987	Continuous
R0060001	NRETA (NT)	Andado Bore RN016707	10	6	15B	-25.3321	135.3545	28-08-1997		Continuous
R0060003	NRETA (NT)	Gillen Ck at Flynn's Grave	10	6	15B	-23.7008	133.8178	13-10-1988		Continuous
R0060005	NRETA (NT)	Trephina Ck. Trephina Gorge	10	6	15B	-23.5383	134.3794	2/02/1993		Continuous
R0060009	NRETA (NT)	Todd R Wrk Depot Smith St	10	6	15B	-23.6904	133.8636	3/11/1980		Continuous
R0060012	NRETA (NT)	Stn Ck at Bond Springs CSIRO Site 64	10	6	15B	-23.527	133.922	14-02-1980		Continuous
R0060015	NRETA (NT)	Stn Ck at Bond Springs	10	6	15B	-23.527	133.9033	14-02-1980		Continuous
R0060016	NRETA (NT)	Emily Ck at Undoolya Rd	10	6	15B	-23.6956	133.9426	10/08/1981		Continuous
R0060018	NRETA (NT)	Stn Ck at Bond Springs	10	6	15B	-23.5218	133.9315	14-02-1980		Continuous
R0060019	NRETA (NT)	Stn Ck at Bond Springs	10	6	15B	-23.5003	133.9231	14-02-1980		Continuous
R0060021	NRETA (NT)	White Gums at Alice Springs	10	6	15B	-23.7673	133.7831	8/02/1966	21-11-1969	Continuous
R0060041	NRETA (NT)	Todd R Rocky Hill	10	6	15B	-23.8444	134.0871	19-10-1996		Continuous
R0060044	NRETA (NT)	Todd R at Bond Springs (M.36)	10	6	15B	-23.5429	133.9452	26-02-1957		Continuous
R0060045	NRETA (NT)	Todd R at Bond Springs Turn Off	10	6	15B	-23.587	133.8754	15-09-1986		Continuous
R0060047	NRETA (NT)	Charles R at Big Dipper [8 RG]	10	6	15B	-23.6498	133.8625	14-10-1958	28-02-1979	Continuous
R0060048	NRETA (NT)	Charles R at Mt Lloyd	10	6	15B	-23.6433	133.7983	14-06-1968		Continuous
R0070009	NRETA (NT)	Unca Ck at Jervois Dam	10	7	15B	-22.6484	136.2399	14-04-1972		Continuous
R0070010	NRETA (NT)	Unca Ck at Jervois Dam Left Tributary	10	7	15B	-22.6392	136.239	23-07-1973		Continuous
R0070011	NRETA (NT)	Unca Ck at Jervois Dam Right Tributary	10	7	15B	-22.6655	136.22	24-07-1973		Continuous
R0070012	NRETA (NT)	Unca Ck Jervois Dam at Petrocarb	10	7	15B	-22.6484	136.2399	6/01/1972	31-08-1987	Continuous

Lake Eyre Hydrology Appendices

Station	Agency	Station Name	Division	Basin	District	Latitude	Longitude	Opened	Closed	Interval
		Camp [8 RG]								





Appendix G Average Monthly Streamflow

■ Table 1 Average Monthly Streamflow (ML/month)

Station	January	February	March	April	May	June	July	August	September	October	November	December
001101a	87677	520168	331076	141613	73874	27398	9447	6827	3053	1834	4515	16433
001202a	119852	149696	84253	26842	10877	296	1488	381	1	0	2804	38789
001203a	257747	383802	244730	69126	28571	1102	1487	71	8	31	303	54645
001204a	62961	60842	8857	4115	6	0	0	0	0	122	43	4268
002101a	44742	83160	417509	295920	103919	54036	56513	21587	2365	4540	7672	8546
002101b	110647	526020	524765	142332	62034	52816	18465	9549	665	475	5894	7998
002104a	647522	1047319	426693	183294	80828	35336	31784	2638	2	6694	49456	80049
003101a	617929	969403	796981	455109	69675	146413	33265	35499	5060	21967	31753	86008
003103a	66652	401529	334873	288529	91235	63192	36791	16756	9638	3207	12952	8846
003202a	338993	460877	169851	192961	34808	28360	2656	2153	1115	1019	21357	27222
003203a	393399	918521	441154	385847	217433	72414	11338	1161	2502	5692	45656	132982
003204a	123416	134320	44736	14125	16297	2362	714	1904	302	1003	6143	13761
003205a	8974	14687	9130	4925	1941	314	48	0	10	50	2738	2371
003206a	7879	8799	2513	2386	1522	208	188	446	148	3	1445	3439
003301b	341931	130044	11192	4750	6865	435	9	0	0	237	79627	167337
003302a	8751	12598	1981	12181	6455	1070	404	233	143	10	845	2497
003303a	13608	14744	6686	10510	9781	3851	1554	332	485	821	2523	4247
003305a	194	20	24	68	281	38	51	10	5	3	63	58
AW002101	150680	465396	460016	177323	76107	50578	22255	8410	2373	1024	7359	35494
AW003501	84283	414277	262370	191267	271262	194764	88223	31100	11019	3130	13031	12442
AW004508	3728	2269	1007	1901	171	17	19	40	130	97	20	150
AW004520	77	1	44	0	0	0	0	0	0	0	0	17
G0060046	3435	1825	2800	989	611	334	256	161	41	349	698	1266
G0060009	2644	2518	3196	2294	824	42	0	0	2	352	660	1227



■ **Table 2 Average Monthly Streamflow (mm/month)**

Station	January	February	March	April	May	June	July	August	September	October	November	December
001101a	0.431	2.558	1.628	0.697	0.363	0.135	0.046	0.034	0.015	0.009	0.022	0.081
001202a	8.073	10.083	5.675	1.808	0.733	0.020	0.100	0.026	0.000	0.000	0.189	2.613
001203a	2.177	3.242	2.067	0.584	0.241	0.009	0.013	0.001	0.000	0.000	0.003	0.462
001204a	21.900	21.163	3.081	1.431	0.002	0.000	0.000	0.000	0.000	0.042	0.015	1.484
002101a	0.388	0.722	3.624	2.569	0.902	0.469	0.491	0.187	0.021	0.039	0.067	0.074
002101b	0.960	4.566	4.555	1.235	0.538	0.458	0.160	0.083	0.006	0.004	0.051	0.069
002104a	12.187	19.712	8.031	3.450	1.521	0.665	0.598	0.050	0.000	0.126	0.931	1.507
003101a	4.113	6.453	5.305	3.030	0.464	0.975	0.221	0.236	0.034	0.146	0.211	0.573
003103a	0.281	1.694	1.413	1.218	0.385	0.267	0.155	0.071	0.041	0.014	0.055	0.037
003202a	5.887	8.003	2.949	3.351	0.604	0.492	0.046	0.037	0.019	0.018	0.371	0.473
003203a	4.481	10.462	5.025	4.395	2.476	0.825	0.129	0.013	0.028	0.065	0.520	1.515
003204a	5.407	5.885	1.960	0.619	0.714	0.103	0.031	0.083	0.013	0.044	0.269	0.603
003205a	3.324	5.440	3.381	1.824	0.719	0.116	0.018	0.000	0.004	0.018	1.014	0.878
003206a	8.824	9.853	2.814	2.672	1.704	0.233	0.210	0.499	0.166	0.003	1.618	3.851
003301b	6.618	2.517	0.217	0.092	0.133	0.008	0.000	0.000	0.000	0.005	1.541	3.239
003302a	1.105	1.591	0.250	1.538	0.815	0.135	0.051	0.029	0.018	0.001	0.107	0.315
003303a	1.550	1.679	0.761	1.197	1.114	0.438	0.177	0.038	0.055	0.093	0.287	0.484
003305a	2.940	0.302	0.369	1.027	4.256	0.582	0.766	0.149	0.076	0.053	0.957	0.884
AW002101	1.256	3.878	3.833	1.478	0.634	0.421	0.185	0.070	0.020	0.009	0.061	0.296
AW003501	0.366	1.801	1.141	0.832	1.179	0.847	0.384	0.135	0.048	0.014	0.057	0.054
AW004508	3.691	2.247	0.997	1.882	0.169	0.017	0.019	0.040	0.129	0.096	0.020	0.149
AW004520	1.575	0.030	0.905	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.338
G0060046	9.540	5.069	7.777	2.746	1.697	0.928	0.711	0.447	0.113	0.970	1.939	3.517
G0060009	5.967	5.684	7.214	5.179	1.861	0.094	0.000	0.000	0.005	0.794	1.490	2.770



Appendix H Stream Monitoring Stations in the Lake Eyre Basin

H.1 Northern Territory (Department of Natural Resources, Environment and the Arts)

HYSITREP - Site Summary Report
G0010005 - Ranken River at Soudan Homestead

SITE DESCRIPTION

Site Commenced: 09/08/1965
Site Ceased:
Map Name: Ranken SE 53
Local Map Reference:
Grid Reference: Zone - 53 Easting - 711046.8 Northing - 7782054.3
Latitude: 20: 2:49S
Longitude: 137: 1: 4E
Elevation: 22.391
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Old Causeway
Cease to Flow: 0.150
Max gauged stage (m.): 3.730 on 22/02/1977
Catchment Area: 4360.000

GAUGINGS

42 gaugings between 05/05/1960 and 23/07/1986

HYSITREP - Site Summary Report
G0050115 - Hugh River at South Road Crossing

SITE DESCRIPTION

Site Commenced: 18/05/1972
Site Ceased:
Map Name: Henbury SG 5
Local Map Reference:
Grid Reference: Zone - 53 Easting - 341178.0 Northing - 7305870.6
Latitude: 24:21: 8S
Longitude: 133:26: 4E
Elevation: 4.358
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Rock Bar Downstream Of Bridge
Cease to Flow: 0.473
Max gauged stage (m.): 3.070 on 19/02/1977

SINCLAIR KNIGHT MERZ



Catchment Area: 3140.000

GAUGINGS

40 gaugings between 09/03/1972 and 25/02/2004

HYSITREP - Site Summary Report
G0050116 - Finke River at South Road Bridge X-ing

SITE DESCRIPTION

Site Commenced: 28/11/1997
Site Ceased:
Map Name:
Local Map Reference:
Grid Reference: Zone - 53 Easting - 321739.1 Northing - 7283538.7
Latitude: 24:33: 7S
Longitude: 133:14:24E
Elevation: 3.475
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sand & Gravel Bar approx. 30m D/s Gauges
Cease to Flow: 0.139
Max gauged stage (m.): 2.625 on 13/01/1985
Catchment Area: 7500.000

GAUGINGS

27 gaugings between 11/01/1972 and 21/02/2003

HYSITREP - Site Summary Report
G0050117 - Palmer River at South Road Crossing

SITE DESCRIPTION

Site Commenced: 09/07/1967
Site Ceased:
Map Name:
Local Map Reference:
Grid Reference: Zone - 53 Easting - 316436.1 Northing - 7261090.7
Latitude: 24:45:14S
Longitude: 133:11: 5E
Elevation: 2.848
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed
Cease to Flow: -0.152
Max gauged stage (m.): 2.820 on 12/01/1972
Catchment Area: 6100.000

GAUGINGS

6 gaugings between 11/01/1972 and 10/03/1972

SINCLAIR KNIGHT MERZ



HYSITREP - Site Summary Report
G0050140 - Finke River at Railway Bridge

SITE DESCRIPTION

Site Commenced: 03/09/1987
Site Ceased:
Map Name: Rodinga SG 5
Local Map Reference:
Grid Reference: Zone - 53 Easting - 362843.0 Northing - 7241806.8
Latitude: 24:55:58S
Longitude: 133:38:30E
Elevation: 3.259
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed-Unstable
Cease to Flow: 1.763
Catchment Area: 15100.000

HYSITREP - Site Summary Report
G0060005 - Trepkina Creek at Trepkina Gorge

SITE DESCRIPTION

Site Commenced: 15/07/1967
Site Ceased:
Map Name: Alice Springs
Local Map Reference:
Grid Reference: Zone - 53 Easting - 436778.6 Northing - 7396914.4
Latitude: 23:32:13S
Longitude: 134:22:50E
Elevation: 8.263
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed-Unstable
Cease to Flow: 1.003
Max gauged stage (m.): 1.011 on 18/10/1976
Catchment Area: 417.000

GAUGINGS

6 gaugings between 18/10/1976 and 30/01/1984

HYSITREP - Site Summary Report
G0060008 - Roe Creek at South Road Crossing

SITE DESCRIPTION

Site Commenced: 20/06/1972
Site Ceased:

SINCLAIR KNIGHT MERZ



Map Name: A/S SF 53-14
Local Map Reference:
Grid Reference: Zone - 53 Easting - 382048.8 Northing - 7365551.5
Latitude: 23:49: 1S
Longitude: 133:50:31E
Elevation: 6.517
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed-Unstable
Cease to Flow: 0.456
Max gauged stage (m.): 2.650 on 22/01/1974
Catchment Area: 560.000

GAUGINGS

44 gaugings between 07/03/1967 and 23/03/1976

HYSITREP - Site Summary Report
G0060009 - Todd River at Anzac Oval

SITE DESCRIPTION

Site Commenced: 01/08/1959
Site Ceased:
Map Name: A/S SF 53-14
Local Map Reference: 862780
Grid Reference: Zone - 53 Easting - 386341.8 Northing - 7379120.4
Latitude: 23:41:41S
Longitude: 133:53: 7E
Elevation: 6.916
Comment: Elpro Alert identifier number 4804 for River Data.
Elpro Alert identifier number 4805 for Rain Data.

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Low: sandy river bed Med: Wills causeway
Cease to Flow: 1.164
Max gauged stage (m.): 3.115 on 05/03/1972
Catchment Area: 443.000

GAUGINGS

216 gaugings between 25/04/1957 and 26/05/2004

HYSITREP - Site Summary Report
G0060017 - Emily Creek Upstream Undoolya Road

SITE DESCRIPTION

Site Commenced: 18/09/1981
Site Ceased:
Map Name: A/S SF 53-14
Local Map Reference:
Grid Reference: Zone - 53 Easting - 396311.7 Northing - 7379588.4

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Latitude: 23:41:28S
Longitude: 133:58:59E
Elevation: 7.110
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed-Unstable
Cease to Flow: 1.957
Max gauged stage (m.): 2.830 on 17/12/1984
Catchment Area: 60.000

GAUGINGS

34 gaugings between 14/02/1982 and 20/03/1989

HYSITREP - Site Summary Report
G0060040 - Todd River at Amoonguna

SITE DESCRIPTION

Site Commenced: 26/09/1978
Site Ceased:
Map Name: A/S SF 53-14
Local Map Reference:
Grid Reference: Zone - 53 Easting - 389697.8 Northing - 7371484.4
Latitude: 23:45:50S
Longitude: 133:55: 3E
Elevation: 6.797
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed-Unstable
Cease to Flow: 1.200
Catchment Area: 600.000

HYSITREP - Site Summary Report
G0060041 - Todd River Rocky Hill

SITE DESCRIPTION

Site Commenced: 26/09/1978
Site Ceased:
Map Name: ALICE SPRING
Local Map Reference:
Grid Reference: Zone - 53 Easting - 407162.7 Northing - 7362864.5
Latitude: 23:50:35S
Longitude: 134: 5:18E
Elevation: 6.915
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000

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Gauge Datum: GD
Control: Causeway/Rock Bar Reasonably Stable
Cease to Flow: 1.662
Catchment Area: 2500.000

HYSITREP - Site Summary Report
G0060046 - Todd River at Wigley Gorge

SITE DESCRIPTION

Site Commenced: 21/06/1972
Site Ceased:
Map Name: A/S SF 53-14
Local Map Reference:
Grid Reference: Zone - 53 Easting - 385987.8 Northing - 7385801.4
Latitude: 23:38:4S
Longitude: 133:52:56E
Elevation: 7.067
Comment: Elpro Alert identifier number 4815 for Rainfall Data.
Elpro Alert identifier number 4817 for River Data.

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Concrete Weir
Cease to Flow: 0.303
Max gauged stage (m.): 3.800 on 23/01/1991
Catchment Area: 360.000

GAUGINGS

104 gaugings between 11/01/1960 and 19/02/2004

HYSITREP - Site Summary Report
G0060126 - Todd River at Heavitree Gap

SITE DESCRIPTION

Site Commenced: 02/08/1959
Site Ceased:
Map Name: A/S SF 53-14
Local Map Reference:
Grid Reference: Zone - 53 Easting - 384316.8 Northing - 7375366.4
Latitude: 23:43:43S
Longitude: 133:51:54E
Elevation: 6.790
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Road Causeway
Cease to Flow: 0.159
Max gauged stage (m.): 1.417 on 23/02/1967
Catchment Area: 502.000

GAUGINGS

51 gaugings between 25/04/1957 and 29/11/2002

SINCLAIR KNIGHT MERZ



HYSITREP - Site Summary Report
G0070005 - Plenty River at Harts Range

SITE DESCRIPTION

Site Commenced: 06/12/1969
Site Ceased:
Map Name: Huckitta
Local Map Reference:
Grid Reference: Zone - 53 Easting - 506807.2 Northing - 7475912.2
Latitude: 22:49:28S
Longitude: 135: 3:59E
Elevation: 11.416
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed-Unstable
Cease to Flow: 0.310
Max gauged stage (m.): 0.685 on 27/01/1984
Catchment Area: 1774.000

GAUGINGS

3 gaugings between 28/01/1979 and 17/12/2001

HYSITREP - Site Summary Report
G0070009 - Unca Creek at Jervois Mine

SITE DESCRIPTION

Site Commenced: 01/06/1972
Site Ceased:
Map Name: Huckitta
Local Map Reference:
Grid Reference: Zone - 53 Easting - 627507.8 Northing - 7495060.4
Latitude: 22:38:48S
Longitude: 136:14:27E
Elevation: 14.090
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Rocky Spillway Reasonably Stable
Cease to Flow: 5.818
Max gauged stage (m.): 5.420 on 09/01/1980
Spillway Level: 5.818
Catchment Area: 15.600

GAUGINGS

1 gaugings between 09/01/1980 and 09/01/1980

SINCLAIR KNIGHT MERZ



HYSITREP - Site Summary Report
G0260004 - Kintore Creek - Downstream

SITE DESCRIPTION

Site Commenced: 01/09/1994
Site Ceased:
Map Name: SF52-15 Mt R
Local Map Reference:
Grid Reference: Zone - 52 Easting - 539975.2 Northing - 7424211.1
Latitude: 23:17:28S
Longitude: 129:23:27E
Elevation: 464.273
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 464.893
Gauge Datum: AHD
Control: Rocky creek bed
Cease to Flow: 464.772
Catchment Area: 23.000

HYSITREP - Site Summary Report
G0260005 - Kintore Creek Upstream

SITE DESCRIPTION

Site Commenced: 01/09/1994
Site Ceased:
Map Name: SF52-15 Mt R
Local Map Reference:
Grid Reference: Zone - 52 Easting - 539608.2 Northing - 7423602.1
Latitude: 23:17:47S
Longitude: 129:23:14E
Elevation: 467.252
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 467.813
Gauge Datum: AHD
Control: Rocky creek bed
Cease to Flow: 467.745
Catchment Area: 23.000

HYSITREP - Site Summary Report
G0280004 - Allungra Creek

SITE DESCRIPTION

Site Commenced: 06/03/1996
Site Ceased:
Map Name: Alcoota 1:25
Local Map Reference:
Grid Reference: Zone - 53 Easting - 359329.8 Northing - 7490226.0
Latitude: 22:41:21S
Longitude: 133:37:50E
Elevation: 9.039

SINCLAIR KNIGHT MERZ



Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: SANDY RIVER BED
Cease to Flow: 7.644
Catchment Area: 432.000

HYSITREP - Site Summary Report
G0280010 - Woodforde River at Arden Soak Bore

SITE DESCRIPTION

Site Commenced: 30/05/1974
Site Ceased:
Map Name: Napperby
Local Map Reference: 662208
Grid Reference: Zone - 53 Easting - 327419.9 Northing - 7525540.8
Latitude: 22:22: 3S
Longitude: 133:19:26E
Elevation: 9.284
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Sandy River Bed
Cease to Flow: 2.379
Max gauged stage (m.): 2.535 on 19/03/1975
Catchment Area: 393.000

GAUGINGS

4 gaugings between 19/03/1975 and 26/07/1986

HYSITREP - Site Summary Report
G0280114 - MCLAREN CREEK AT STUART HIGHWAY

SITE DESCRIPTION

Site Commenced: 08/06/1964
Site Ceased:
Map Name: Bonney Well
Local Map Reference:
Grid Reference: Zone - 53 Easting - 419266.8 Northing - 7751141.5
Latitude: 20:20:10S
Longitude: 134:13:36E
Elevation: 16.294
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Gravel & Rock Bar 150m Downstream
Cease to Flow: 0.786
Max gauged stage (m.): 2.610 on 11/02/1982

SINCLAIR KNIGHT MERZ



Catchment Area: 417.000

GAUGINGS

47 gaugings between 09/03/1967 and 12/12/2000

HYSITREP - Site Summary Report
G0290002 - Maryanne Creek At Maryanne Dam Tennant Creek

SITE DESCRIPTION

Site Commenced: 06/05/1981
Site Ceased:
Map Name: Tennant SE 5
Local Map Reference:
Grid Reference: Zone - 53 Easting - 417406.1 Northing - 7831765.6
Latitude: 19:36:27S
Longitude: 134:12:45E
Elevation: 18.159
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: AHD
Control: Concrete Spillway
Cease to Flow: 372.717
Spillway Level: 372.717
Catchment Area: 9.000

HYSITREP - Site Summary Report
G0290004 - Playford River at Alroy Downs Homestead

SITE DESCRIPTION

Site Commenced: 05/02/1968
Site Ceased:
Map Name: ALROY 1:2500
Local Map Reference: 408582
Grid Reference: Zone - 53 Easting - 612191.1 Northing - 7866520.7
Latitude: 19:17:31S
Longitude: 136: 4: 4E
Elevation: 22.563
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Black Soil and Gravel Bank
Cease to Flow: 3.021
Max gauged stage (m.): 5.040 on 28/02/1977
Catchment Area: 6620.000

GAUGINGS

5 gaugings between 19/02/1967 and 22/07/1986

HYSITREP - Site Summary Report

SINCLAIR KNIGHT MERZ



G0290012 - Kelly Creek at Kelly Well. Stuart Highway

SITE DESCRIPTION

Site Commenced: 07/07/1974
Site Ceased:
Map Name: SF53-14 SF53
Local Map Reference: 195501
Grid Reference: Zone - 53 Easting - 417600.2 Northing - 7792281.8
Latitude: 19:57:51S
Longitude: 134:12:45E
Elevation: 17.233
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: ASS
Control: LOW CONTROL -LOW PROFILE CONCRETE WEIR
Cease to Flow: 1.157
Max gauged stage (m.): 2.255 on 19/02/1975
Catchment Area: 62.000

GAUGINGS

61 gaugings between 10/02/1967 and 12/12/2000

HYSITREP - Site Summary Report
G0290228 - Morphett Creek Downstream G029227 Nth.Stuart Highway

SITE DESCRIPTION

Site Commenced: 20/07/1979
Site Ceased:
Map Name: Helen Spring
Local Map Reference: 18631
Grid Reference: Zone - 53 Easting - 404584.1 Northing - 7911894.2
Latitude: 18:52:58S
Longitude: 134: 5:39E
Elevation: 19.809
Comment:

STATION DESCRIPTION

Stream Distance: 0.000
Gauge Zero: 0.000
Gauge Datum: GD
Control: Rocky Bar 80m Downstream
Cease to Flow: 1.914
Max gauged stage (m.): 3.235 on 10/02/1982
Catchment Area: 211.000

GAUGINGS

27 gaugings between 19/11/1981 and 04/02/1992

HYSITREP - Site Summary Report
G0290240 - Tennant Creek at Old Telegraph Station

SITE DESCRIPTION

Site Commenced: 23/02/1972
Site Ceased:

SINCLAIR KNIGHT MERZ



Map Name: Tennant Ck.
 Local Map Reference:
 Grid Reference: Zone - 53 Easting - 419558.1 Northing - 7837445.6
 Latitude: 19:33:22S
 Longitude: 134:13:59E
 Elevation: 18.333
 Comment:

STATION DESCRIPTION
 Stream Distance: 0.000
 Gauge Zero: 0.000
 Gauge Datum: GD
 Control: Rock Bar
 Cease to Flow: 1.613
 Max gauged stage (m.): 4.188 on 19/12/1977
 Catchment Area: 72.300

GAUGINGS
 48 gaugings between 09/01/1974 and 18/02/1993

H.2 South Australia (Department of Water, Land and Biodiversity Conservation)

AW002101 DIAMANTINA RIVER AT BIRDSVILLE

Site Commenced: 01/01/1949
 Site Ceased:
 Map Name: 6746 (100k)
 Local Map Reference:
 Grid Reference: Zone - 54
 Easting - 336429.0 Northing - 7133424.0
 Latitude: 25:54:30S
 Longitude: 139:22: 1E
 Elevation: 34.000

100	Level (m)	Recording	17/10/1966 to 6/09/2004	Instantaneous
100.9	Level (m)	Field Reading	11/03/1977 to 28/03/1990	Instantaneous
141.9	Discharge (Ml/day)	Field Reading	19/02/1981 to 13/03/1981	Instantaneous
198.72	Catchment Yield (ML)	NLWRA 2000 Curr	1/01/1978 to 1/01/1998	Daily total
450.9	Water Temp. (Deg.C)	Field Reading	17/02/1977 to 28/03/1990	Instantaneous
800.91	TDS (mg/L)	Lab Result	13/02/1974 to 16/03/1981	Instantaneous
806.9	pH	Field Reading	19/02/1981 to 28/03/1990	Instantaneous
806.91	pH	Lab Result	15/03/1971 to 16/03/1981	Instantaneous
807.9	Dissolved Oxygen %	Field Reading	19/02/1981 to 13/03/1981	Instantaneous
821.9	EC corrected (uS/cm)	Field Reading	16/02/1977 to 30/03/2003	Instantaneous
821.91	EC corrected (uS/cm)	Lab Result	15/03/1971 to 16/03/1981	Instantaneous

AW003501 - COOPER CREEK @ CALLAMURRA WATER HOLE

Site Commenced: 22/02/1973
 Site Ceased:
 Map Name: 7042 (100k)
 Local Map Reference:

SINCLAIR KNIGHT MERZ



Grid Reference: Zone - 54
 Easting - 484536.0 Northing - 6936034.0
 Latitude: 27:41:59S
 Longitude: 140:50:35E
 Elevation: 46.000

100	Level (m)	Recording	22/02/1973 to 5/09/2004	Instantaneous
100.9	Level (m)	Field Reading	22/02/1973 to 12/10/1990	Instantaneous
140.9	Discharge (m ³ /s)	Field Reading	2/10/1985 to 2/10/1985	Instantaneous
141.9	Discharge (ML/day)	Field Reading	29/09/1978 to 5/07/1983	Instantaneous
198.72	Catchment Yield (ML)	NLWRA 2000 Curr	1/01/1978 to 1/02/1998	Daily total
450.9	Water Temp. (Deg.C)	Field Reading	14/03/1974 to 12/10/1990	Instantaneous
800.91	TDS (mg/L)	Lab Result	12/02/1974 to 3/02/1985	Instantaneous
806.9	pH	Field Reading	2/11/1978 to 12/10/1990	Instantaneous
806.91	pH	Lab Result	17/06/1972 to 3/02/1985	Instantaneous
807.9	Dissolved Oxygen %	Field Reading	27/02/1980 to 12/03/1986	Instantaneous
821.9	EC corrected (uS/cm)	Field Reading	17/06/1972 to 9/11/2003	Instantaneous
821.91	EC corrected (uS/cm)	Lab Result	17/06/1972 to 3/02/1985	Instantaneous

 AW004502 - HAMILTON CK @ TERRAPINNA SPRINGS

Site Commenced: 21/11/1972
 Site Ceased: 01/10/1991
 Map Name: 6838 (100k)
 Local Map Reference:
 Grid Reference: Zone - 54
 Easting - 371229.0 Northing - 6689167.0
 Latitude: 29:55:17S
 Longitude: 139:39:58E
 Elevation: 135.000

10	Rainfall (mm)	Recording	20/03/1982 to 1/10/1991	Daily total
100	Level (m)	Recording	21/11/1972 to 1/10/1991	Instantaneous
100.9	Level (m)	Field Reading	15/11/1973 to 2/08/1989	Instantaneous
141.9	Discharge (ML/day)	Field Reading	30/09/1978 to 31/07/1979	Instantaneous
450.9	Water Temp. (Deg.C)	Field Reading	10/02/1974 to 2/08/1989	Instantaneous
800.91	TDS (mg/L)	Lab Result	10/02/1974 to 9/07/1997	Instantaneous
806.9	pH	Field Reading	30/09/1978 to 2/08/1989	Instantaneous
806.91	pH	Lab Result	19/10/1970 to 19/01/1984	Instantaneous
807.9	Dissolved Oxygen %	Field Reading	14/09/1979 to 14/09/1979	Instantaneous
821.9	EC corrected (uS/cm)	Field Reading	15/11/1973 to 2/08/1989	Instantaneous
821.91	EC corrected (uS/cm)	Lab Result	19/10/1970 to 9/07/1997	Instantaneous

 AW004508 - MT MCKINLAY CREEK @ WERTALOONA

Site Commenced: 18/09/1973
 Site Ceased: 09/05/1989
 Map Name: 6736-4 (50k)

SINCLAIR KNIGHT MERZ



Local Map Reference:

Grid Reference: Zone - 54
 Easting - 323380.0 Northing - 6605210.0
 Latitude: 30:40:22S
 Longitude: 139: 9:23E

100.00 Level (m)	Recording	18/09/1973 to 9/05/1989	Instantaneous
100.90 Level (m)	Field Reading	18/09/1973 to 4/01/1989	Instantaneous
141.90 Discharge (ML/day)	Field Reading	20/08/1978 to 21/04/1983	Instantaneous
198.72 Catchment Yield (ML)	NLWRA 2000 Curr	1/01/1978 to 1/08/1997	Daily total
450.90 Water Temp. (Deg.C)	Field Reading	13/02/1974 to 9/05/1989	Instantaneous
800.91 TDS (mg/L)	Lab Result	13/02/1974 to 21/04/1983	Instantaneous
806.90 pH	Field Reading	28/05/1978 to 9/05/1989	Instantaneous
806.91 pH	Lab Result	18/11/1971 to 21/04/1983	Instantaneous
807.90 Dissolved Oxygen %	Field Reading	15/09/1979 to 17/09/1984	Instantaneous
821.90 EC corrected (uS/cm)	Field Reading	18/11/1971 to 9/05/1989	Instantaneous
821.91 EC corrected (uS/cm)	Lab Result	18/11/1971 to 21/04/1983	Instantaneous

 AW004517 - MT MCKINLAY CREEK CATCHMENT PLUVIO @ GAMMON PLATEAU

SITE DESCRIPTION

Site Commenced: 11/09/1988
 Site Ceased:
 Map Name: 6737-3 (50k)
 Local Map Reference:
 Grid Reference: Zone - 54
 Easting - 312725.0 Northing - 6628275.0
 Latitude: 30:27:47S
 Longitude: 139: 2:58E
 Elevation: 930.000

10	Rainfall (mm)	Recording	11/09/1988 to 17/02/2002	Daily total
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 AW004518 - ARCOONA CREEK CATCHMENT PLUVIO @ EXCLUSION ZONE

SITE DESCRIPTION

Site Commenced: 26/04/1990
 Site Ceased:
 Map Name: 6637-2 (50k)
 Local Map Reference:
 Grid Reference: Zone - 54
 Easting - 305111.0 Northing - 6630891.0
 Latitude: 30:26:18S
 Longitude: 138:58:14E
 Elevation: 555.000



10 Rainfall (mm) Recording 26/04/1990 to 15/02/2002 Daily

 AW004519 - ARCOONA CREEK CATCHMENT PLUVIO @ near Sambot Waterhole

SITE DESCRIPTION

Site Commenced: 17/09/1991
 Site Ceased:
 Map Name: 6737-3 (50k)
 Local Map Reference:
 Grid Reference: Zone - 54
 Easting - 311362.0 Northing - 6630326.0
 Latitude: 30:26:40S
 Longitude: 139: 2: 8E
 Elevation: 675.000

10.00 Rainfall (mm) Recording 17/09/1991 to 30/09/2001 Daily total

 AW004520 - ARCOONA CREEK @ GAMMON RANGES NATIONAL PARK

Site Commenced: 22/06/1993
 Site Ceased:
 Map Name: 6637-2 (50k)
 Local Map Reference:
 Grid Reference: Zone - 54
 Easting - 305311.0 Northing - 6631126.0
 Latitude: 30:26:10S
 Longitude: 138:58:22E
 Elevation: 541.000

100	Level (m)	Recording	22/06/1993 to 29/09/2001	Instantaneous
300	Bat Volts	Recording	26/08/2000 to 12/07/2001	Instantaneous
450	Water Temp. (Deg.C)	Recording	22/04/1995 to 12/07/2001	Instantaneous
820	EC uncorrected mS/m	Recording	26/08/2000 to 12/07/2001	Instantaneous

 AW004521 - ARCOONA CREEK CATCHMENT PLUVIO @ 4 KM ALONG STH BRANCH

Site Commenced: 13/07/1997
 Site Ceased:
 Map Name: 6737-3 (50k)
 Local Map Reference:
 Grid Reference: Zone - 54
 Easting - 308293.0 Northing - 6627183.0
 Latitude: 30:28:20S
 Longitude: 139: 0:11E
 Elevation: 657.000

SINCLAIR KNIGHT MERZ



10.00 Rainfall (mm) Recording 13/07/1997 to 18/02/2002 Daily total

H.3 Queensland (Department of Natural Resources and Mines)

For each record,

- The first line shows site/station id, type (gauging station or miscellaneous sampling) and name.
- The second line is the latitude, longitude and datum. Zeros mean location is not recorded.
- Gauging stations...
 - Next lines show the variable id, name, units and date range for time series data.

For example,

```
100 Stream Water Level Metres 01/DEC/48 to 17/APR/56
140 Stream Discharge Cumecs 01/DEC/48 to 17/APR/56
```

Site id Type Name

=====

```
-----
001201A Gauging Georgina River at Lake Nash
21:1:0S 137:55:0E AGD84
100 Stream Water Level Metres 01/DEC/48 to 17/APR/56
140 Stream Discharge Cumecs 01/DEC/48 to 17/APR/56
-----
```

```
-----
001203A Gauging Georgina River at Roxborough Downs
22:30:48S 138:50:30E AGD84
100 Stream Water Level Metres 18/NOV/67 to 30/SEP/88
140 Stream Discharge Cumecs 01/OCT/67 to 30/SEP/88
-----
```

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-----
001204A Gauging Georgina River at Camooweal
19:55:29S 138:6:48E AGD84
100 Stream Water Level Metres 13/FEB/70 to 30/SEP/88
140 Stream Discharge Cumecs 01/OCT/68 to 30/SEP/88
-----
```

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-----
001101A Gauging Eyre Creek at Glengyle
24:47:2.0022S 139:35:25.0134E GDA94
100 Stream Water Level Metres 10/DEC/66 to 22/MAY/90
140 Stream Discharge Cumecs 10/DEC/66 to 22/MAY/90
-----
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001202A Gauging Burke River at Boulia
22:54:45S 139:54:46E AGD84
100 Stream Water Level Metres 08/NOV/66 to 01/OCT/88
140 Stream Discharge Cumecs 01/OCT/66 to 01/OCT/88
-----
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002101A Gauging Diamantina River at Birdsville
25:54:12.0066S 139:22:31.0151E AGD84
100 Stream Water Level Metres 08/OCT/49 to 31/JAN/66
140 Stream Discharge Cumecs 01/OCT/49 to 30/SEP/66
-----
```

SINCLAIR KNIGHT MERZ



 002101B Gauging Diamantina River at Birdsville
 25:54:30S 139:22:20E GDA94
 100 Stream Water Level Metres 17/OCT/66 to 30/SEP/88
 140 Stream Discharge Cumecs 01/OCT/66 to 30/SEP/88

002102A Gauging Diamantina River at The Bluff
 25:47:33.0139S 139:34:31.0055E AGD84
 100 Stream Water Level Metres 24/DEC/48 to 31/JUL/57
 140 Stream Discharge Cumecs 24/DEC/48 to 31/JUL/57

002103A Gauging Diamantina River at Monkira
 24:50:43.0015S 140:34:43.988E AGD84
 100 Stream Water Level Metres 01/JAN/49 to 01/MAY/63
 140 Stream Discharge Cumecs 01/JAN/49 to 31/OCT/63

002104A Gauging Diamantina River at Diamantina Lake
 23:42:45S 141:5:41E AGD84
 100 Stream Water Level Metres 15/NOV/66 to 15/SEP/88
 140 Stream Discharge Cumecs 15/NOV/66 to 30/SEP/88

003102A Gauging Cooper Creek at Durham Downs
 27:3:14.002S 141:54:9.0184E AGD84
 100 Stream Water Level Metres 16/JUN/48 to 26/AUG/53
 140 Stream Discharge Cumecs 01/JUN/48 to 31/AUG/53

003103A Gauging Cooper Creek at Nappa Merrie
 27:36:3S 141:5:42E AGD84
 100 Stream Water Level Metres 14/MAR/49 to 17/NOV/04
 140 Stream Discharge Cumecs 14/MAR/49 to 17/NOV/04

003101A Gauging Cooper Creek at Currareva
 25:22:18S 142:44:30E AGD84
 100 Stream Water Level Metres 21/OCT/39 to 23/JUN/88
 140 Stream Discharge Cumecs 01/OCT/39 to 23/JUN/88

003203A Gauging Thomson River at Stonehenge
 24:20:7.6S 143:15:18.8E AGD84
 100 Stream Water Level Metres 02/DEC/66 to 14/FEB/05
 140 Stream Discharge Cumecs 02/DEC/66 to 22/APR/04

003301A Gauging Barcoo River at Retreat
 25:10:47S 143:14:51E AGD84
 100 Stream Water Level Metres 05/OCT/48 to 20/DEC/50

003301B Gauging Barcoo River at Retreat
 25:11:7.5S 143:16:52.5E AGD84
 100 Stream Water Level Metres 03/DEC/99 to 15/FEB/05

SINCLAIR KNIGHT MERZ



140 Stream Discharge Cumecs 03/DEC/99 to 15/FEB/05

 003202A Gauging Thomson River at Longreach

23:24:35.5S 144:13:43.4E AGD84

100 Stream Water Level Metres 29/MAY/69 to 23/OCT/04

140 Stream Discharge Cumecs 29/MAY/69 to 23/OCT/04

 003205A Gauging Darr River at Darr

23:12:57.8S 144:4:49.8E AGD84

100 Stream Water Level Metres 17/JUN/69 to 13/FEB/05

140 Stream Discharge Cumecs 17/JUN/69 to 13/FEB/05

 003204A Gauging Cornish Creek at Bowen Downs

22:28:56.6S 145:1:27.3E AGD84

100 Stream Water Level Metres 02/DEC/67 to 11/FEB/05

140 Stream Discharge Cumecs 02/DEC/67 to 11/FEB/05

 003206A Gauging Torrens Creek at Torrens Creek

20:49:0S 145:2:0E AGD84

100 Stream Water Level Metres 08/DEC/76 to 30/SEP/88

140 Stream Discharge Cumecs 24/APR/76 to 30/SEP/88

 003302A Gauging Alice River at Barcaldine

23:39:57.5S 145:12:57.6E AGD84

100 Stream Water Level Metres 05/DEC/67 to 16/FEB/05

140 Stream Discharge Cumecs 05/DEC/67 to 16/FEB/05

 003303A Gauging Barcoo River at Blackall

24:26:29.9913S 145:27:58.0097E AGD84

100 Stream Water Level Metres 01/MAY/69 to 24/OCT/04

140 Stream Discharge Cumecs 01/MAY/69 to 24/OCT/04

 003305A Gauging Mistake Creek at Wololla

23:38:2.0143S 145:57:3.99E AGD84

100 Stream Water Level Metres 12/SEP/74 to 27/AUG/88

140 Stream Discharge Cumecs 12/SEP/74 to 30/SEP/88