

Appendix 2.3 – Rainfall Data

Comprising

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Table 2.1 – Significant Rainfall Events: Childers

Year	Monthly Rainfall > 200 mm	Short periods of intensive Rainfall (> 100 mm)
1899	Jan 233	May 18-22 (110)
1900	Apr 267, Aug 219	Jan 19-23 (103), Jun 26-29 (139), Aug 14-20 (102)
1901	Apr 285, Sep 233	Apr 22-25 (202), June 14-19 (110)
1905	Jul 232, Sep 225	
1906	Jul 202	Jun 26 – Jul 2 (151)
1907		Apr 19-25 (137)
1909	June 226, Aug 244	Jun 10-16 (108); Aug 2-5 (108)
1910	Sep 201	
1911	Jun 226	Jun 6-11 (120)
1912	Sep 277	Sep 14-18 (133)
1913	Nov 210	
1914	Jul 202	Jul 8-15 (170)
1916		Jan 29-31 (118)
1917	Jul 216	
1918		Jun 14-20 (108)
1919	Jun 205	
1923*	May 255	May 20-26 (121)
1924		Mar 27-30 (103)
1925		May 11-15 (102)
1928	Oct 213	Oct 2-7 (107)
1929		Apr 2-7 (106)
1930		Dec 5-9 (102)
1932	Jun 224	Jun 16-20 (108)
1934		Apr 16-24 (118); Nov 30-Dec 1 (168)
1935	Apr 256	
1939	Feb 222, Aug 256	Feb 24-28 (160); Nov 26-30 (111)
1941		Mar 19-23 (107)
1943	Apr 212	Apr 15-23 (158)
1944	May 239	May 3-5 (126)
1946		Jan 16-21 (104); Feb 26-28 (101)
1947		Mar 1-6 (120)
1948	May 218	
1949		Mar 5-10 (118)
1951		Feb 18-19 (124)
1952	Jun 288	Jun 2-6 (100)
1953	Oct 217	Oct 21-22 (102)

- 18 mm between Feb 3 and May 5

Table 2.2 – Significant Rainfall Events: Narracan East

Year	Monthly Rainfall > 200 mm	Short periods of intensive Rainfall (> 100 mm)
1901	Apr 246	Apr 22-25 (183)
1907		Apr 18-24 (112), Dec 27-28 (120)
1909	Jun 212, Aug 215	Jul 28 – Aug 5
1911		Jun 6-12 (104)
1912	Sep 240	Sep 14 – 18 (107)
1914		Jul 8-15 (143)
1916		Sep 23-27 (110)
1918	May 203	May 16-21 (127)
1923*	May 228	May 20-26 (118)
1924		May 27-29 (112)
1928	Oct 220	Oct 2-7 (102)
1932	Jun 221	Jun 16-20 (107)
1934	Apr 204	Apr 15-23 (114), Nov 30 – Dec 2 (224)
1935	Apr 220	
1939	Feb 247, Aug 244	Feb 26-28 (161)
1941		Mar 19-23 (111)
1943	Apr 238	Apr 15 – 23 (173)
1944	May 223	May 3 – 5 (136)
1946		Jan 16-20 (102)
1947		Mar 1 – 6 (120)
1948	May 238	
1949		Mar 5 – 10 (115)
1951		Feb 18 – 20 (137)
1952	Jun 288	Jun 1-7 (101)
1959		Aug 5 – 12 (125)
1960	May 255	May 2 – 8 (113), May 14-17 (101)
1964	Aug 214	Jul 13 – 21 (133)
1968	May 222	May 25 – 30 (106)
1970	Mar 225	Mar 19 – 22 (137)
1974		Apr 28 – May 1 (103)
1976		Aug 2 – 8 (118)
1977		Jul 25 – 29 (126)

* 12 mm between Feb 2 and May 5

Table 2.3 – Significant Rainfall Events: Thorpdale

Year	Monthly Rainfall > 200 mm	Short periods of intensive Rainfall (> 100 mm)
1885	Sep 234	Sep 23 – 25 (103)
1886	Oct 228	Oct 23 – 26 (107)
1887	Jul 232; Sept 244; Dec 121	
1888	-	Jun 19-22 (105)
1889	Jun 255	Jan 2 – 5 (129); Apr 10-14 (102)
1890	Oct 252	Oct 12 – 17 (133)
1891		Jul 11 – 15 (101)
1894	-	Jul 13 – 19 (106)
1895	Aug 202	Aug 22 – 29 (115)
1897		Jan 9 – 12 (121); Feb 3 – 7 (102)
No Records 1898 - 1905		
1906	Jul 201	Jun 26 – Jul 2 (147)
1907		Apr 19 – 25 (122)
1909	Aug 214	Aug 2 – 6 (103)
1910	Dec 203	
1911		June 8 – 13 (104)
1912	Sep 248	Sep 14 – 18 (116)
1914		Jul 8 -15 (145)
1915		May 16 – 22 (108)
1916		Jan 28 – 31 (110)
1918		May 17 – 21 (126)
1921		Jul 31 – Aug 4 (124)
1923*	May 242	May 20 – 26 (110)
1924		Mar 27 – 29 (125)
1928	Oct 206	
1932	Jun 255	Jun 16 – 21 (138)
1935	Apr 218	
1939	Feb 214; Aug 225; Sep 224	Feb 26-28 (142); Nov 27- Dec 1 (101)
1941		Mar 18 – 23 (101)
1946		Jan 16 – 19 (104)
1947		Mar 3 – 6 (100)
1949		Mar 7 – 10 (108)
No further records for Thorpdale		

* No rain between Feb 3 and May 5, except for 9 mm on Feb 28

Table 2.4 – Annual Rainfall

Year	Annual Rainfall (mm)						
	Childers	Hallston	Narracan East	Strzelecki No. 1*	Strzelecki No. 2*	Thorpdale	Trafalgar
1883						1089	
1884						1094	
1885						1353	
1886						1310	
1887						1603	
1888						1248	
1889						1435	
1890						1304	
1891						1245	
1892						1086	
1893						1170	
1894						1122	
1895						1117	
1896						983	
1897						1208	
1898						NA	
1899	1250					NA	
1900	1262		NA			NA	
1901	1589		1270			NA	
1902	1064		859			NA	NA
1903	1225		1035			NA	985
1904	1194		NA			NA	1008
1905	1186		NA			NA	1036
1906	1126		1153			1233	884
1907	1051		1099			1166	1083
1908	826		797			783	746
1909	1369		1185			1197	1060
1910	1225		1055			1046	965
1911	1348		1261			1197	1174
1912	1091		1003			993	NA
1912	1182		1069			1090	NA
1914	853		725			750	816
1915	1137		927			1034	991
1916	1330		1016			1076	1022
1917	1408		1175			1027	1222
1918	1071		1021			884	1038
1919	1131		1048			858	958
1920	1118		988			1018	956
1921	1132		1086			855	967
1922	1115		915			973	997
1923	1290		1152			1181	1199
1924	1455		1293			1305	1316
1925	970		840			841	912
1926	1049		827			937	901
1927	874		883			NA	746
1928	1201		1111			NA	1040
1929	1158		1037			1000	1152
1930	1126		1104			1011	1032
1931	1099		1074			1003	1060

Year	Annual Rainfall (mm)						
	Childers	Hallston	Narracan East	Strzelecki No. 1*	Strzelecki No. 2*	Thorpdale	Trafalgar
1932	1192		1141			1123	1043
1933	943		831			822	854
1934	1255		1378			1159	1125
1935	NA		1240			1160	1270
1936	NA		1197			1171	1067
1937	NA		873			862	873
1938	NA		788			729	694
1939	1469		1394			1324	1219
1940	935		930			824	812
1941	NA		1011			970	996
1942	NA		949			947	923
1943	1095		1018			NA	955
1944	1129		1073			NA	911
1945	909		782			771	804
1946	1419		1310			1347	1293
1947	1351		1246			1231	1154
1948	1144		1093			NA	946
1949	1063		1010			NA	896
1950	906		884			NA	830
1951	NA		1171				1155
1952	1447		1471				1375
1953	1164		1186				1136
1954			997				985
1955			1085				1095
1956			1313				1347
1957			1002				1018
1958			1117				1118
1959			903				818
1960			1194				1113
1961			856				819
1962			1051				849
1963			947				904
1964			1359				1158
1965			827				667
1966			1143				1033
1967			626				629
1968			1089				1079
1969			910				945
1970		1309	1182	1412			1194
1971		1093	969	1188	1213		919
1972		937	734	928	828		674
1973		1186	1099	1287	1245		1024
1974		1223	1127	1174	1149		1022
1975		1302	1154		1195		1052
1976		1094	937		991		883
1977		1151	941		1060		853

* Strzelecki No. 1: (Leighwood)
Strzelecki No. 2: (Allambee)

Appendix 2.4 – Earthquake Risk Map of Australia

