



BUREAU OF METEOROLOGY

Climate and Consultancy Section
Western Australian Regional Office

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Perth's Warmest June for 15 years

Mean maximum temperature – Highest for 15 years

Perth's mean maximum temperature this month was 19.9°C, the highest mean maximum for June since the 20.3°C in 1985, compared to the long-term average of about 19°C. Daily maxima ranged from a cool 16.0°C on the 26th to a warm 25.7°C on the 12th, the highest June maximum temperature for 16 years. The highest June maximum temperature on record, 28.1°C, occurred on 5 June 1975.

Mean daily minimum temperature – Above average

Perth's mean minimum temperature this month was 8.8°C, compared to the long-term average of about 8°C. Perth experienced 7 nights this month on which the minimum temperature was 5°C or less. Daily figures ranged from a cold 2.5°C on the 8th to a mild 14.9°C on the 13th.

June rainfall and raindays – Drier than average

Perth received 123.2 mm of rainfall on 15 days this June, compared with the long-term average of 182 mm over 17 days. Historically, June rainfall has ranged from a low of 54.9 mm in 1877 to 476.1 mm in 1945. The wettest day this month was the 14th when 47.6 mm was recorded. This was the wettest June day for 14 years, since the 77.0 mm on 25 June 1986. The wettest June day on record, with 99.1 mm, occurred on 10 June 1920. The rainfall total for the six months ending 30 June amounted to 343.4 mm compared to the long-term average of 392 mm. It's ironic that January has been Perth's wettest month so far this year with 139.0 mm. Normally June is our wettest month and January our driest.

Climate of Perth in July

This month on average is one of Perth's coldest of the year. Most days are cool with cloudy periods. Some are cold, wet and windy though there are also sunny days with light winds. In July 1958 Perth experienced its second wettest month on record with 458.1 mm over 25 days.

Monthly averages and extremes

Element	Average	Highest	Year	Lowest	Year
Maximum temperature (°C)	18	19.9	1976/77	15.7	1910
Minimum temperature (°C)	8	11.4	1921	5.3	1997
Rainfall (mm)	173	425.1	1958	61.5	1876
Raindays	18	29	1946	6	1918
Sunshine (hours/day)	5.9	7.5	1918	3.2	1926

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Daily extremes for July

Element	Highest	Date	Lowest	Date
Maximum temperature (°C)	26.3	17/18 July 1976	10.5	9 July 1906
Minimum temperature (°C)	16.1	12 July 1898	0.0	See below *
Rainfall (mm) 24 hours to 9am	95.0	29 July 1987	-	-

* The lowest minimum temperature on record for any month occurred on the following dates:
15 July 1997 and 27 July 1998.

Other July weather facts

Warm days in July

On average, Perth can expect about 3 days when the maximum temperature is 20°C or higher. The highest number of such days in July was 14 days in 1976 and 1977. Last July, Perth recorded 7 such days.

Cold days in July

On average, Perth can expect about 4 days when the maximum temperature is 15°C or lower. The highest number of such days in June was 12 days in 1916. Last July, Perth recorded 1 such day.

Cold nights in July

On average, Perth can expect about 8 nights when the minimum temperature is 5°C or lower. The highest number of such nights in July was 16 in 1998. Last July, Perth recorded 9 such nights.

Top 10 warmest & coldest ever days in July

Position	Date	Max Temp°C	Position	Date	Max Temp°C
1	July 17, 1976	26.3	1	July 09, 1906	10.5
1	July 18, 1976	26.3	2	July 12, 1899	10.6
3	July 21, 1994	25.8	3	July 16, 1909	11.2
4	July 24, 1999	25.4	4	July 17, 1925	11.3
5	July 19, 1976	25.2	4	July 12, 1927	11.3
6	July 16, 1976	25.0	6	July 29, 1975	11.4
7	July 31, 1977	24.8	7	July 04, 1939	11.5
8	July 21, 1921	24.7	7	July 21, 1978	11.5
9	July 14, 1950	24.6	9	July 30, 1948	11.6
10	July 05, 1977	24.5	10	July 09, 1905	11.7

Note: Official Perth observations have been recorded at several different sites over the years. Changes in site location can affect both the temperature and the rainfall readings.

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