



Long-Term Means & Extremes at Truganina (Palm Lake Resort)

Years of data

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2018-2022	2018-2022	2018-2022	2017-2022	2017-2022	2017-2022	2017-2022	2017-2021	2017-2021	2017-2021	2017-2021	2017-2021	2018-2021
5	5	5	6	6	6	6	5	5	5	5	5	4

Rainfall (mm)

Mean total rainfall	73.8	16.1	32.4	48.7	45.1	35.5	28.0	43.7	30.2	47.9	51.7	41.2	478.6
Highest total rainfall	122.1	56.9	50.1	113.1	68.2	69.4	37.7	55.3	52.2	80.1	70.2	79.1	604.2
Date	Jan 2022	Feb 2020	Mar 2020	Apr 2017	May 2021	Jun 2019	Jul 2022	Aug 2020	Sep 2021	Oct 2021	Nov 2018	Dec 2017	2020
Lowest total rainfall	13.0	0.6	7.8	3.2	20.0	11.8	19.2	24.6	9.7	10.9	33.1	7.1	341.2
Date	Jan 2019	Feb 2018	Mar 2019	Apr 2019	May 2017	Jun 2017	Jul 2018	Aug 2018	Sep 2018	Oct 2019	Nov 2017	Dec 2019	2019
Highest daily rainfall	51.6	21.4	37.0	59.2	50.4	23.3	15.3	23.5	28.0	26.8	36.2	21.4	
Date	8 Jan 2022	19 Feb 2020	5 Mar 2020	10 Apr 2017	4 May 2021	17 Jun 2018	21 Jul 2021	23 Aug 2020	4 Sep 2021	24 Oct 2020	23 Nov 2020	2 Dec 2017	
Mean rain days ≥ 0.1 mm	7.8	6.0	8.8	10.0	14.3	16.5	16.3	17.2	14.0	12.2	11.4	8.6	140.0
Mean rain days ≥ 1 mm	5.6	2.4	4.8	5.3	7.0	6.8	7.7	9.8	6.2	7.0	7.6	5.6	75.0
Mean rain days ≥ 10 mm	2.2	0.8	0.6	1.8	1.2	0.8	0.2	0.8	0.4	1.4	1.6	1.4	13.3
Mean rain days ≥ 25 mm	1.0	0.0	0.4	0.2	0.2	0.0	0.0	0.0	0.2	0.2	0.2	0.0	2.0

Maximum Temperature ($^{\circ}$ C)

Mean maximum temperature	27.3	25.4	24.0	20.9	17.3	15.0	14.6	15.4	18.3	20.7	23.5	24.9	
Highest daily maximum temp	44.8	38.2	38.9	32.4	26.9	20.6	20.1	22.3	31.6	34.8	42.0	45.1	
Date	4 Jan 2019	28 Feb 2019	1 Mar 2019	3 Apr 2021	2 May 2021	2 Jun 2021	28 Jul 2018	22 Aug 2021	23 Sep 2017	24 Oct 2019	21 Nov 2019	20 Dec 2019	
Lowest daily maximum temp	16.3	17.9	16.3	13.8	9.9	9.9	10.9	8.8	11.8	12.4	13.6	15.4	
Date	5 Jan 2020	3 Feb 2020	30 Mar 2019	26 Apr 2017	29 May 2019	28 Jun 2018	11 Jul 2018	3 Aug 2017	25 Sep 2020	6 Oct 2020	12 Nov 2021	7 Dec 2021	
Mean days $\geq 30^{\circ}$ C	9.0	5.2	3.4	1.2	0.0	0.0	0.0	0.0	0.2	1.2	5.8	5.6	30.0
Mean days $\geq 35^{\circ}$ C	3.2	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.2	9.8
Mean days $\geq 40^{\circ}$ C	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	3.0
Mean days $\geq 45^{\circ}$ C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3

Minimum Temperature ($^{\circ}$ C)

Mean minimum temperature	16.3	15.5	14.2	11.3	8.5	6.4	5.9	6.4	7.9	9.9	12.2	14.0	
Highest daily minimum temp	27.9	24.6	26.4	21.9	16.4	13.6	11.4	12.5	19.0	22.3	23.3	26.1	
Date	29 Jan 2018	1 Feb 2020	1 Mar 2019	17 Apr 2019	2 May 2019	8 Jun 2018	6 Jul 2018	30 Aug 2020	3 Sep 2021	19 Oct 2017	15 Nov 2017	7 Dec 2018	
Lowest daily minimum temp	10.2	8.5	7.9	4.6	-0.4	-0.4	-1.5	-0.9	0.5	1.6	5.4	7.9	
Date	24 Jan 2020	27 Feb 2020	27 Mar 2018	18 Apr 2018	31 May 2021	29 Jun 2020	2 Jul 2017	29 Aug 2018	1 Sep 2017	1 Oct 2019	14 Nov 2021	7 Dec 2019	
Mean nights $\leq 2^{\circ}$ C	0.0	0.0	0.0	0.0	0.7	3.0	3.8	2.2	0.4	0.2	0.0	0.0	9.8
Mean nights $\leq 0^{\circ}$ C	0.0	0.0	0.0	0.0	0.3	0.2	1.2	0.2	0.0	0.0	0.0	0.0	1.5

Weather Phenomena

Mean days of thunder heard	3.2	1.0	0.8	0.3	0.5	0.2	0.2	0.2	0.2	1.0	2.6	2.8	11.8
Mean days of lightning seen	2.0	0.6	0.6	0.2	0.5	0.0	0.0	0.2	0.4	0.4	1.6	1.4	7.3
Mean days of hail	0.2	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.6	0.2	0.6	0.0	3.5
Mean days of fog	0.0	0.0	0.4	0.5	0.5	0.8	0.3	0.4	0.0	0.0	0.0	0.0	2.3
Mean days of frost	0.0	0.0	0.0	0.0	0.3	1.8	2.2	0.4	0.0	0.0	0.0	0.0	4.8

Mean Sea Level Pressure (hPa)

Highest daily MSL pressure	1028.1	1027.1	1031.2	1035.2	1036.6	1038.3	1038.2	1034.2	1033.9	1032.1	1029.8	1031.4	
Date	21 Jan 2022	24 Feb 2019	20 Mar 2018	24 Apr 2022	31 May 2017	1 Jun 2017	4 Jul 2019	2 Aug 2019	23 Sep 2018	1 Oct 2019	9 Nov 2017	11 Dec 2020	
Lowest daily MSL pressure	994.5	992.6	998.3	994.9	990.1	989.8	988.1	987.4	988.2	987.4	993.5	991.5	
Date	22 Jan 2020	12 Feb 2019	25 Mar 2018	3 Apr 2020	30 May 2022	19 Jun 2020	16 Jul 2021	9 Aug 2019	23 Sep 2017	29 Oct 2021	29 Nov 2020	5 Dec 2020	

Prepared on 31 July 2022 at 6:26 PM, © Truganina Weather 2022

Explanatory notes

- The monthly statistics are based on all available data, commencing on April 1, 2017,
- If an extreme has occurred more than once in a given month, the *Date of extreme* shall be the most recent event to conform to standard Australian Bureau of Meteorology practice,
- The annual statistics are based on complete calendar years, commencing in 2018, and
- The meteorological day conforms to standard Australian Bureau of Meteorology practices:
 - Ending at 9.00 am for rainfall, maximum temperature and minimum temperature,
 - Ending at midnight for phenomena and mean sea level pressure.

Disclaimer

- All monthly and annual means should be used with caution if there are less than 5 years of data.