

DERBY, Australia**Annual Climatic Design Data (1997–2019)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
17.3706S	123.6611E	7	101.24	11.1	39.6	10.0	NNW

Monthly Winds (1997–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	3	4	6	5	6	7	6	4	3	2	2
Prevailing Wind #1												
DIR	NNW	NNW	NW	SE	SE	SE	SE	SE	NW	NW	NW	NW
%OCC	14	14	11	11	22	25	21	15	14	20	20	18
AVG m/s	6.3	6.2	4.8	3.7	4.2	4.4	4.4	4.7	5.0	5.4	5.7	5.9
MED m/s	6.3	6.2	4.8	3.5	4.1	4.2	4.2	4.5	4.9	5.4	5.6	5.7
Prevailing Wind #2												
DIR	NW	NW	NNW	NW	ESE	SSE	SSE	SSE	NNW	NNW	NNW	NNW
%OCC	13	13	9	10	13	16	16	14	12	19	18	16
AVG m/s	5.8	5.3	5.4	4.4	4.9	3.6	3.6	3.6	5.7	6.5	7.1	6.9
MED m/s	5.5	5.2	5.3	4.3	4.8	3.5	3.4	3.5	5.9	6.7	7.2	7.0
Prevailing Wind #3												
DIR	WNW	WNW	WNW	ESE	SSE	ESE	ESE	NW	SSE	WNW	WNW	WNW
%OCC	11	11	7	9	13	14	10	10	9	8	10	11
AVG m/s	4.7	4.3	3.8	4.2	3.4	5.0	4.9	4.4	3.8	4.3	4.5	4.7
MED m/s	4.5	4.2	3.7	4.0	3.3	4.9	4.9	4.4	3.6	4.2	4.4	4.5
Prevailing Wind #4												
DIR	W	W	S	SSE	S	S	S	NNW	S	N	W	W
%OCC	9	9	6	9	8	7	9	8	8	6	7	8
AVG m/s	4.4	3.9	3.3	3.1	3.1	3.3	3.3	4.6	3.5	4.6	3.9	4.4
MED m/s	4.2	3.8	3.1	3.1	3.1	3.2	3.2	4.6	3.4	4.2	3.8	4.2