

MOUNT HOTHAM SUMMIT, Australia

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
36.9767S	147.1342E	1849	81.00	-6.8	21.2	19.8	N

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	4	3	4	5	9	29	44	30	17	17	11	6

Prevailing Wind #1

DIR	NNW	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
%OCC	21	21	20	22	20	17	12	14	21	21	19	22
AVG m/s	8.2	8.5	8.2	8.8	9.9	9.8	9.3	8.8	10.4	9.8	9.2	8.7
MED m/s	7.6	8.3	7.8	8.3	9.4	9.4	8.7	8.2	9.8	9.2	8.7	8.2

Prevailing Wind #2

DIR	N	NNW	N	N	N	N	N	NW	N	N	N	N
%OCC	21	18	18	20	17	15	9	11	15	14	14	16
AVG m/s	8.7	7.4	9.1	9.0	9.8	10.6	10.4	6.9	11.2	10.6	9.6	9.1
MED m/s	8.5	6.9	8.6	8.6	9.5	10.5	10.1	6.2	11.1	9.9	9.4	8.5

Prevailing Wind #3

DIR	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW
%OCC	11	9	10	10	11	5	7	9	13	12	12	13
AVG m/s	6.8	6.2	6.4	7.5	8.4	6.2	7.7	10.1	7.8	7.9	7.6	7.7
MED m/s	6.3	5.4	5.8	6.5	8.1	5.6	7.0	9.8	7.1	7.3	7.0	7.0

Prevailing Wind #4

DIR	S	S	S	S	S	SSE	S	WNW	NNE	WNW	WNW	WNW
%OCC	5	6	6	7	6	5	4	5	6	5	7	6
AVG m/s	7.0	6.4	6.8	7.5	8.1	8.4	6.8	6.5	11.4	6.5	6.6	6.3
MED m/s	6.1	5.5	6.0	6.5	7.4	6.8	6.6	5.5	11.0	5.9	6.2	5.7