

MAJURO ATOLL, Marshall Islands

Annual Climatic Design Data (1996–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
7.068N	171.294E	5	101.27	24.8	31.2	10.3	ENE

Monthly Winds (1996–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	0	0	0	1	2	3	5	5	4	3	1

Prevailing Wind #1

DIR	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	38	37	45	50	51	44	34	18	17	16	25	38
AVG m/s	6.4	7.0	6.2	6.3	6.0	5.8	5.4	4.7	4.7	4.4	5.4	6.3
MED m/s	6.4	7.0	6.1	6.3	5.8	5.6	5.3	4.4	4.6	4.2	5.3	6.1

Prevailing Wind #2

DIR	NE	ENE	NE	NE	NE	E	E	E	E	E	E	NE
%OCC	35	37	28	24	19	24	22	17	17	14	19	26
AVG m/s	6.6	6.6	6.7	6.5	5.8	5.2	4.8	4.4	4.5	4.1	5.0	6.8
MED m/s	6.8	6.5	6.7	6.5	5.7	5.1	4.7	4.3	4.5	3.9	4.8	6.9

Prevailing Wind #3

DIR	E	E	E	E	E	NE	NE	ESE	ESE	NE	NE	E
%OCC	13	12	16	16	19	14	11	11	11	11	15	17
AVG m/s	5.5	5.8	5.5	5.6	5.2	5.8	5.0	4.0	4.3	4.2	5.6	5.3
MED m/s	5.4	5.6	5.3	5.4	5.0	5.7	4.8	3.8	4.2	4.1	5.4	5.1

Prevailing Wind #4

DIR	NNE	NNE	ESE	ESE	ESE	ESE	ESE	NE	NE	ESE	ESE	ESE
%OCC	5	6	4	4	5	8	10	9	9	11	11	5
AVG m/s	5.9	6.1	5.2	4.9	4.8	5.0	4.4	4.2	4.3	4.2	4.9	5.2
MED m/s	5.9	6.0	5.0	4.5	4.6	4.8	4.2	4.0	4.1	4.0	4.7	5.0