

MIDDLE ROCK LIGHT, AK, United States of America

Annual Climatic Design Data (2002–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
61.0811N	146.6530W	0	101.33	-11.3	17.5	15.1	ENE

Monthly Winds (2002–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	4	6	5	3	3	3	1	1	1

Prevailing Wind #1

DIR	NE	NE	NE	NE	SSW	SSW	SSW	NE	NE	NE	NE	NE
%OCC	36	36	31	27	28	37	30	25	28	32	33	35
AVG m/s	5.8	5.2	5.2	3.6	6.0	6.5	6.9	3.2	3.4	4.0	5.5	5.5
MED m/s	5.4	4.9	4.6	3.5	5.8	6.7	7.0	2.9	3.1	4.0	5.0	5.2

Prevailing Wind #2

DIR	NNE	NNE	NNE	NNE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE
%OCC	31	29	27	24	15	14	19	23	28	28	28	30
AVG m/s	5.4	5.1	5.5	4.0	3.8	2.9	2.7	3.5	3.5	4.0	5.5	5.1
MED m/s	5.1	4.7	4.7	4.1	3.5	2.7	2.5	3.1	3.2	4.0	4.9	4.9

Prevailing Wind #3

DIR	ENE	ENE	ENE	ENE	NE	NE	NNE	SSW	ENE	ENE	ENE	ENE
%OCC	18	18	18	14	14	13	18	18	13	18	21	18
AVG m/s	7.5	6.7	6.6	3.8	3.5	2.6	2.9	6.9	3.7	4.3	6.9	6.6
MED m/s	6.7	5.2	4.9	3.1	3.1	2.4	2.7	7.2	3.2	3.9	5.4	5.4

Prevailing Wind #4

DIR	N	N	N	SSW	SW	SW	SW	ENE	SSW	N	N	N
%OCC	7	6	9	9	11	11	8	10	8	8	8	7
AVG m/s	6.5	6.4	7.7	5.0	5.0	5.3	5.6	2.9	6.0	4.5	6.7	6.1
MED m/s	5.9	5.3	7.1	5.0	4.8	5.2	5.5	2.6	6.1	4.3	5.9	5.3