

LAKE MURRAY, SC, United States of America

Annual Climatic Design Data (2008–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
34.1074N	81.2707W	109	100.02	-3.5	34.7	8.7	W

Monthly Winds (2008–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	17	16	13	12	11	10	8	15	16	19	20	18
Prevailing Wind #1												
DIR	W	W	W	SSW	S	WSW	SW	NNE	NNE	NNE	NNE	W
%OCC	12	11	9	10	10	12	12	8	14	11	12	10
AVG m/s	4.9	5.1	4.9	3.4	3.2	3.7	3.8	1.3	1.4	1.7	1.5	5.1
MED m/s	4.6	4.8	4.7	3.1	2.9	3.5	4.0	1.1	1.3	1.6	1.5	4.8
Prevailing Wind #2												
DIR	WSW	WSW	SW	SW	SSW	SSW	SSW	SSW	NE	W	N	NNE
%OCC	10	8	8	9	10	11	12	8	8	8	8	9
AVG m/s	4.8	4.9	4.1	3.8	3.4	3.6	3.6	3.3	1.5	3.9	1.5	1.4
MED m/s	4.8	4.7	4.1	3.6	3.2	3.5	3.6	2.9	1.3	3.8	1.4	1.3
Prevailing Wind #3												
DIR	WNW	SW	WSW	S	WSW	SW	WSW	S	S	WSW	W	WSW
%OCC	7	8	8	8	9	11	11	8	7	7	7	7
AVG m/s	2.8	3.8	4.6	3.3	4.0	3.8	3.6	2.8	2.7	4.1	3.9	5.0
MED m/s	2.3	3.9	4.5	2.9	4.1	3.9	3.5	2.5	2.5	4.0	3.5	4.7
Prevailing Wind #4												
DIR	SW	SSW	NNE	W	SW	S	S	WSW	SSW	NE	NE	NE
%OCC	7	7	8	8	8	9	9	7	6	7	7	6
AVG m/s	4.2	3.6	1.6	4.6	3.5	3.1	3.2	3.1	3.0	1.8	1.6	1.6
MED m/s	4.3	3.1	1.5	4.4	3.3	2.8	2.8	2.9	2.7	1.7	1.5	1.5