

FORT GRATIOT LH, MI, United States of America

Annual Climatic Design Data (2006–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
43.0063N	82.4224W	180	99.18	-17.3	31.1	13.6	N

Monthly Winds (2006–2019)

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

Prevailing Wind #1

DIR	SW	SW	N	N	N	N	NNE	NNE	SSW	SSW	SSW	SSW
%OCC	14	12	13	14	17	16	13	12	12	13	16	13
AVG m/s	4.7	4.4	7.6	7.3	6.2	5.4	5.3	5.7	4.1	4.8	4.9	5.2
MED m/s	4.6	4.3	7.4	6.8	5.6	5.1	5.0	5.3	4.1	4.6	4.8	5.0

Prevailing Wind #2

DIR	SSW	W	NNE	NNE	NNE	NNE	SW	SW	NNE	SW	SW	SW
%OCC	14	11	10	13	14	15	12	11	10	11	12	12
AVG m/s	5.3	4.6	6.8	6.2	5.1	4.9	3.4	3.3	6.0	4.0	4.2	4.4
MED m/s	5.1	4.3	6.7	5.6	4.5	4.4	3.0	3.0	5.5	3.8	4.1	4.3

Prevailing Wind #3

DIR	WSW	WNW	SSW	SSW	SSW	SSW	SSW	SSW	SW	S	W	W
%OCC	11	10	10	9	13	11	12	10	10	9	9	10
AVG m/s	4.4	4.3	4.9	5.2	4.2	4.2	3.9	3.8	3.7	4.5	4.1	4.0
MED m/s	4.3	4.1	4.7	4.8	4.2	4.1	3.7	3.5	3.2	4.3	3.9	3.7

Prevailing Wind #4

DIR	W	SSW	S	S	S	SW	N	S	S	WSW	S	NW
%OCC	11	9	8	8	9	8	10	8	9	9	9	10
AVG m/s	4.3	4.8	5.0	4.9	4.3	3.8	6.1	4.0	3.8	3.9	4.6	4.7
MED m/s	4.1	4.7	4.9	4.8	4.3	3.5	5.4	3.9	3.8	3.4	4.5	4.4