

ST JOSEPH, MI, United States of America

Annual Climatic Design Data (2007–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
42.0980N	86.4940W	184	99.13	-14.9	29.9	12.7	SW

Monthly Winds (2007–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	4	4	5	4	10	12	13	14	15	18	5	4
Prevailing Wind #1												
DIR	S	S	N	S	S	S	S	S	N	S	S	S
%OCC	13	11	12	12	17	20	18	13	12	11	13	10
AVG m/s	5.1	4.4	4.7	4.9	4.0	4.0	3.6	3.7	3.3	4.5	4.9	4.6
MED m/s	4.8	4.2	4.4	4.7	4.0	3.9	3.4	3.3	2.8	4.4	4.7	4.4
Prevailing Wind #2												
DIR	SSE	SSW	S	N	N	N	SSW	N	S	SSE	SSE	SSE
%OCC	10	9	12	10	14	13	10	9	12	7	12	10
AVG m/s	2.8	6.2	4.5	4.2	3.3	2.9	3.9	3.1	3.6	2.3	2.8	2.7
MED m/s	2.6	5.8	4.3	3.9	3.0	2.5	3.9	2.8	3.0	2.1	2.5	2.4
Prevailing Wind #3												
DIR	SSW	SSE	NNW	NNE	NNW	NNW	N	NNW	NNW	N	SE	SW
%OCC	9	8	9	9	8	9	9	9	8	7	9	10
AVG m/s	6.8	2.6	5.5	2.5	4.3	3.6	3.4	4.0	4.8	4.1	2.0	8.4
MED m/s	6.8	2.4	5.2	2.0	3.9	3.0	3.1	3.7	4.4	3.0	2.0	8.3
Prevailing Wind #4												
DIR	WSW	SW	NNE	NNW	NNE	SSW	NNW	SSW	NNE	SSW	WSW	SE
%OCC	9	7	9	9	8	9	9	8	8	6	7	9
AVG m/s	7.2	6.8	2.8	5.7	2.1	3.4	3.9	4.1	1.9	6.5	8.2	2.0
MED m/s	7.3	7.0	2.4	5.3	1.9	2.9	3.6	3.6	1.6	5.8	8.1	1.9