

CLEARWATER BEACH PIER 60, FL, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
27.9777N	82.8321W	10	101.20	5.6	31.3	13.0	N

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	2	2	0	0	1	1	1	0	1	1
Prevailing Wind #1												
DIR	N	N	NNW	NW	ESE	SE	SE	SE	E	NE	N	N
%OCC	13	11	11	9	11	10	11	10	13	16	16	13
AVG m/s	6.7	6.1	7.1	5.6	4.0	3.7	3.7	3.4	3.2	4.1	6.3	6.2
MED m/s	6.6	5.6	6.6	4.9	4.1	3.1	3.0	2.9	2.9	4.1	6.1	5.9
Prevailing Wind #2												
DIR	NNE	NNW	E	NNW	E	ESE	W	W	ENE	ENE	NE	NE
%OCC	10	10	9	8	10	9	10	10	12	13	15	12
AVG m/s	5.2	6.4	3.7	6.0	3.8	3.6	4.1	4.2	3.5	3.7	3.9	3.8
MED m/s	4.8	5.7	3.3	5.5	3.8	3.1	3.8	3.9	3.1	3.3	4.0	3.8
Prevailing Wind #3												
DIR	NE	ESE	N	ESE	NW	NW	ESE	ESE	NE	N	NNE	NNE
%OCC	10	9	9	8	10	9	10	9	10	11	12	10
AVG m/s	4.0	3.3	7.2	3.8	5.1	4.4	3.5	3.4	3.8	6.3	4.7	4.8
MED m/s	4.1	3.0	6.7	3.8	4.8	4.2	3.0	2.9	3.7	6.2	4.4	4.6
Prevailing Wind #4												
DIR	NNW	E	NW	E	NNW	W	WSW	E	ESE	E	ENE	ENE
%OCC	8	9	8	8	9	9	10	8	10	11	11	10
AVG m/s	6.7	3.2	6.2	3.8	5.6	4.3	4.7	3.1	3.6	3.4	3.4	3.4
MED m/s	6.5	2.9	5.5	3.4	5.4	4.1	4.4	2.8	3.1	3.0	3.1	3.0