

FREEPORT, TX, 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
28.9357N	95.2941W	4	101.28	0.7	31.2	9.3	SSE

Monthly Winds (2008–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	2	2	0	1	1	1	1	1	9	11

Prevailing Wind #1

DIR	N	NNE	SSE	SSE	SSE	S	SSW	S	E	SSE	NNE	N
%OCC	13	12	16	20	25	29	23	21	11	13	13	12
AVG m/s	4.2	4.6	4.6	6.2	6.5	5.6	5.2	5.1	4.5	4.9	3.8	3.9
MED m/s	4.1	4.6	4.6	6.0	6.6	5.6	5.3	5.2	4.6	5.0	3.3	3.4

Prevailing Wind #2

DIR	NNE	N	SE	SE	S	SSE	S	SSW	NNE	S	N	NNE
%OCC	12	11	15	16	17	21	22	21	11	12	13	12
AVG m/s	4.3	4.4	4.1	5.0	6.3	5.4	5.0	5.2	3.6	5.0	3.8	4.0
MED m/s	4.1	4.3	4.1	4.9	6.5	5.3	5.1	5.2	3.0	4.9	3.4	3.8

Prevailing Wind #3

DIR	E	SSE	ESE	S	SE	SSW	SSE	SSE	ESE	NNE	SSE	NE
%OCC	8	10	12	13	16	14	15	13	10	11	10	8
AVG m/s	3.9	4.0	3.9	6.1	5.4	5.5	4.9	4.7	3.9	3.7	4.4	4.6
MED m/s	3.8	4.0	4.0	6.0	5.2	5.5	4.8	4.7	4.1	3.0	4.2	4.4

Prevailing Wind #4

DIR	ESE	ESE	N	ESE	ESE	SE	SW	SW	SE	SE	SE	SSE
%OCC	7	10	10	12	7	9	11	10	9	10	9	7
AVG m/s	3.4	3.7	3.9	4.5	4.5	4.3	5.0	4.6	3.9	4.1	3.7	4.0
MED m/s	3.1	3.4	3.6	4.7	4.5	4.3	5.0	4.7	4.0	4.2	3.4	4.0