

CORPUS CHRISTI BUOY 42020, United States of America

Annual Climatic Design Data (1994–2015)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
26.968N	96.693W	0	101.33	8.9	30.1	14.2	N

Monthly Winds (1994–2015)

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

Prevailing Wind #1

DIR	SSE	SSE	SE	SE	SE	SE	SSE	SSE	SE	SSE	SSE	SSE
%OCC	14	17	23	27	34	33	34	24	13	16	19	16
AVG m/s	7.1	7.2	6.6	6.8	7.1	6.8	6.6	6.1	5.5	7.1	7.8	7.5
MED m/s	7.3	7.4	6.8	7.0	7.4	7.0	6.9	6.4	5.8	7.3	8.0	7.7

Prevailing Wind #2

DIR	SE	SE	ESE	ESE	SSE	SSE	SE	SE	SSE	SE	SE	SE
%OCC	13	15	15	17	21	25	26	20	12	16	14	13
AVG m/s	6.7	6.5	5.7	5.9	7.3	6.9	6.3	5.5	6.0	6.7	6.8	7.0
MED m/s	7.0	6.6	5.9	6.1	7.6	7.2	6.5	5.9	6.3	6.9	7.1	7.2

Prevailing Wind #3

DIR	N	N	SSE	SSE	ESE	ESE	S	ESE	E	ESE	ESE	N
%OCC	12	10	13	16	17	16	14	13	12	11	9	10
AVG m/s	8.9	8.7	6.7	7.1	6.2	6.0	6.0	5.0	5.1	6.0	5.8	8.6
MED m/s	9.3	8.9	6.9	7.4	6.4	6.3	6.2	5.3	5.4	6.2	6.0	8.7

Prevailing Wind #4

DIR	NNE	ESE	E	E	E	E	ESE	S	ESE	E	N	S
%OCC	9	10	8	10	8	7	12	11	11	9	9	9
AVG m/s	8.2	5.6	4.8	5.4	5.2	4.9	5.8	5.7	5.2	5.2	9.1	7.3
MED m/s	8.5	5.7	4.0	5.6	5.4	5.3	6.0	6.0	5.5	5.5	9.2	7.4