

ST THOMAS CHARLOTTE AMALIE, Virgin Islands, U.S.**Annual Climatic Design Data (2005–2019)**

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
18.3351N	64.9197W	16	14.69	72.2	89.7	12.2	ENE

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	17	17	14	15	19	19	19	21	17	24	18	15

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	E	E	ENE	ENE	E	E	E	ENE
%OCC	27	26	24	24	26	29	31	26	25	21	24	30
AVG mph	5.8	5.9	6.1	6.0	5.3	5.9	6.2	5.7	4.6	4.6	4.6	5.9
MED mph	5.8	5.8	5.9	5.9	5.1	5.4	6.0	5.7	4.3	4.2	4.3	5.9

Prevailing Wind #2

DIR	E	E	E	E	ENE	ENE	E	E	ENE	ENE	ENE	E
%OCC	23	23	21	24	21	22	25	24	18	16	22	22
AVG mph	5.1	5.4	5.6	5.4	5.5	6.2	5.8	5.5	5.0	4.8	5.1	5.0
MED mph	4.8	5.1	5.1	5.1	5.4	5.7	5.6	5.2	4.9	4.6	5.0	4.7

Prevailing Wind #3

DIR	NE	NE	NE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	NE
%OCC	12	10	13	9	11	12	9	9	11	10	11	13
AVG mph	5.4	5.3	5.9	4.6	4.3	4.6	4.9	4.5	3.8	3.8	3.8	5.6
MED mph	5.3	5.2	5.7	4.2	3.8	4.1	4.6	4.1	3.3	3.2	3.2	5.6

Prevailing Wind #4

DIR	ESE	ESE	ESE	NE	NE	SE	NE	NE	NE	NE	NE	ESE
%OCC	10	9	10	9	5	6	8	8	7	6	11	9
AVG mph	4.2	4.5	5.0	5.7	4.9	3.7	5.6	5.4	4.6	4.4	4.9	4.0
MED mph	3.7	4.1	4.5	5.6	4.8	3.3	5.3	5.3	4.6	4.3	4.8	3.5