

ST CROIX LIME TREE BAY, 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
17.695N	64.754W	33	14.68	73.9	88.2	17.7	ESE

Monthly Winds (2005–2019)

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

Prevailing Wind #1

DIR	E	E	SE	E	SE	SE	E	E	SE	SE	E	E
%OCC	33	24	20	22	29	30	30	25	21	22	22	26
AVG mph	8.8	8.6	8.5	8.7	8.4	8.8	9.5	8.6	7.5	7.8	7.6	8.6
MED mph	8.5	8.4	8.4	8.2	8.2	8.5	9.2	8.2	7.2	7.4	7.3	8.4

Prevailing Wind #2

DIR	ENE	ENE	E	SE	ESE	ESE	ESE	ESE	E	E	ENE	ENE
%OCC	21	21	20	21	20	27	29	23	17	16	21	23
AVG mph	7.7	7.2	8.4	8.7	9.5	10.0	10.4	9.9	6.9	7.0	7.0	7.7
MED mph	7.5	7.0	7.9	8.5	9.4	10.0	10.2	9.7	6.8	6.8	6.7	7.3

Prevailing Wind #3

DIR	ESE	ESE	ESE	ESE	E	E	SE	SE	ENE	ENE	SE	ESE
%OCC	17	21	17	19	19	22	20	19	14	14	17	14
AVG mph	8.9	9.6	10.2	10.1	8.4	8.8	8.8	8.5	6.3	6.3	7.7	9.4
MED mph	8.7	9.6	10.1	9.9	8.1	8.5	8.6	8.2	6.1	6.2	7.3	9.0

Prevailing Wind #4

DIR	SE	SE	ENE	ENE	ENE	ENE	ENE	ENE	ESE	ESE	ESE	NE
%OCC	16	18	16	14	11	10	15	15	13	13	13	12
AVG mph	8.0	7.9	7.2	7.2	6.9	7.3	7.9	7.3	8.4	8.7	8.5	7.3
MED mph	7.7	7.6	6.9	7.0	6.7	7.1	7.5	6.9	8.2	8.5	8.3	7.0