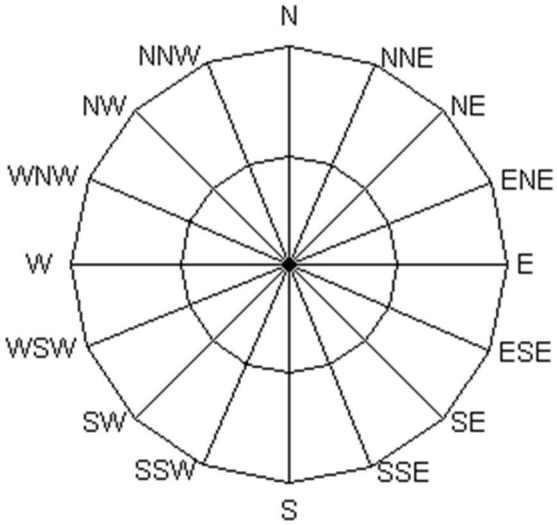
Review of Monthly Weather Data from St. Croix USVI Henry E. Rohlsen Airport Meteorological Station

May 10, 2021 (Alex Rivera)

https://w2.weather.gov/climate/index.php?wfo=sju

Table 3: Wind Direction and Degrees

Cardinal Direction	Degree Direction
N	348.75 - 11.25
NNE	11.25 - 33.75
NE	33.75 - 56.25
ENE	56.25 - 78.75
E	78.75 - 101.25
ESE	101.25 - 123.75
SE	123.75 - 146.25
SSE	146.25 - 168.75
S	168.75 - 191.25
SSW	191.25 - 213.75
SW	213.75 - 236.25
WSW	236.25 - 258.75
W	258.75 - 281.25
WNW	281.25 - 303.75
NW	303.75 - 326.25
NNW	326.25 - 348.75



Wind direction prevalence during Month 2021

STATION: HENRY E. ROHLSEN AP/ST CROIX
MONTH: MAY
YEAR: 2021
LATITUDE: 17 42 N
LONGITUDE: 64 48 W

TEMPERATURE IN F:							:PCPN:	SNOW:	WIND				:SUNSHINE:	SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
									12Z	AVG	MX	2MIN						
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	87	72	80	-1	0	15	0.00	M	M	10.5	20	100	M	M	3		26	100
2	87	75	81	0	0	16	0.00	M	M	11.7	20	70	M	M	3		26	100
3	88	75	82	1	0	17	0.01	M	M	12.0	21	40	M	M	3	1	27	70
4	89	76	83	2	0	18	T	M	M	14.3	23	90	M	M	3		30	100
5	89	76	83	2	0	18	T	M	M	13.6	24	100	M	M	3		31	90
6	88	74	81	0	0	16	T	M	M	12.5	23	110	M	M	3		31	80
7	88	75	82	1	0	17	0.00	M	M	13.0	21	100	M	M	2		27	110
8	88	77	83	2	0	18	0.00	M	M	12.4	18	100	M	M	3		27	100
9	89	75	82	1	0	17	T	M	M	14.8	25	100	M	M	5		32	70
SM	793	675			0	152	0.01	M		114.8			M		28			
AV	88.1	75.0								12.8	FASTST		M	M	3		MAX(MPH)	
									MISC ---->		25	100					32	70

Data from May 2021 indicate that wind direction from May 1-9, 2021 prevails from East - East Southeast

STATION: HENRY E. ROHLSEN AP/ST CROIX
MONTH: APRIL
YEAR: 2021
LATITUDE: 17 42 N
LONGITUDE: 64 48 W

TEMPERATURE IN F:							:PCPN:	SNOW:		WIND			:SUNSHINE:		SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
									12Z	AVG	MX	2MIN						
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	88	74	81	2	0	16	0.03	M	M	15.9	25	100	M	M	4	1	31	80
2	85	74	80	1	0	15	0.16	M	M	14.2	23	100	M	M	6	18	29	100
3	85	73	79	0	0	14	0.27	M	M	10.0	22	90	M	M	6	1	28	100
4	85	72	79	0	0	14	0.09	M	M	7.5	14	120	M	M	4	1	18	110
5	86	70	78	-1	0	13	0.00	M	M	7.1	16	100	M	M	3		22	100
6	86	72	79	0	0	14	T	M	M	7.4	15	100	M	M	3		19	100
7	86	74	80	0	0	15	0.01	M	M	9.7	17	60	M	M	5		22	60
8	86	75	81	1	0	16	0.00	M	M	11.7	21	50	M	M	4		29	40
9	85	73	79	-1	0	14	0.00	M	M	11.6	21	70	M	M	2		26	30
10	86	69	78	-2	0	13	0.00	M	M	9.3	20	50	M	M	1		26	60
11	84	66	75	-5	0	10	0.00	M	M	8.1	16	130	M	M	2		20	100
12	85	68	77	-3	0	12	0.00	M	M	8.1	16	110	M	M	3		20	90
13	86	76	81	1	0	16	0.00	M	M	4.8	12	180	M	M	5		14	180
14	89	73	81	1	0	16	0.00	M	M	7.5	16	330	M	M	2		22	350
15	87	74	81	1	0	16	T	M	M	9.8	18	20	M	M	2		26	40
16	88	76	82	2	0	17	0.00	M	M	9.8	16	120	M	M	5		20	120
17	88	76	82	2	0	17	0.00	M	M	10.0	16	120	M	M	3		21	140
18	88	77	83	3	0	18	0.00	M	M	10.4	15	120	M	M	3		19	120
19	88	78	83	3	0	18	0.00	M	M	11.8	17	100	M	M	4		23	100
20	88	77	83	3	0	18	0.00	M	M	12.4	22	100	M	M	3		26	90
21	88	76	82	2	0	17	T	M	M	13.2	29	100	M	M	4	1	33	100
22	87	75	81	1	0	16	T	M	M	12.8	22	100	M	M	4		27	100
23	88	74	81	1	0	16	T	M	M	9.6	17	100	M	M	7		23	120
24	89	76	83	3	0	18	0.00	M	M	11.8	21	110	M	M	3		26	100
25	88	75	82	2	0	17	0.04	M	M	11.3	21	100	M	M	4	1	26	100
26	88	74	81	1	0	16	T	M	M	10.1	18	100	M	M	5		24	110
27	87	72	80	0	0	15	0.11	M	M	9.7	21	100	M	M	6	8	26	90
28	86	69	78	-3	0	13	0.22	M	M	11.0	25	100	M	M	7	18	34	110
29	87	70	79	-2	0	14	0.39	M	M	11.6	29	90	M	M	5	1	35	90
30	87	74	81	0	0	16	0.03	0.0	0	12.0	25	100	M	M	3		31	110
SM	2604	2202			0	460	1.35	0.0		310.2			M		118			
AV	86.8	73.4								10.3	FASTST		M	M	4		MAX(MPH)	
									MISC ---->	#	29	100					35	90

Data from April 2021 indicate that wind direction from April 1-30, 2021 prevailed from East - East Southeast

STATION: HENRY E. ROHLSEN AP/ST CROIX
MONTH: MARCH
YEAR: 2021
LATITUDE: 17 42 N
LONGITUDE: 64 48 W

TEMPERATURE IN F:							:PCPN:	SNOW:	WIND				:SUNSHINE:		SKY		:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
									12Z	AVG	MX	2MIN						
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	85	72	79	1	0	14	0.11	M	M	15.0	26	60	M	M	5	1	34	40
2	84	71	78	0	0	13	T	M	M	11.8	25	50	M	M	4		32	50
3	84	71	78	0	0	13	0.01	M	M	10.2	23	90	M	M	3	1	27	100
4	85	71	78	0	0	13	0.00	M	M	8.1	14	130	M	M	4		17	130
5	85	69	77	-1	0	12	0.00	M	M	7.1	15	110	M	M	1		19	130
6	86	72	79	1	0	14	0.00	M	M	11.1	20	110	M	M	3		24	100
7	86	76	81	3	0	16	T	M	M	12.6	20	90	M	M	4		24	90
8	86	73	80	2	0	15	T	M	M	9.4	17	100	M	M	4		22	100
9	86	73	80	2	0	15	0.02	M	M	11.7	31	90	M	M	3	1	36	90
10	86	74	80	2	0	15	0.00	M	M	12.3	24	90	M	M	3		30	90
11	85	73	79	1	0	14	0.00	M	M	10.5	21	90	M	M	3		25	90
12	85	71	78	0	0	13	0.01	M	M	6.9	16	100	M	M	3	1	21	120
13	84	68	76	-2	0	11	0.00	M	M	5.5	12	150	M	M	3		15	140
14	86	67	77	-1	0	12	0.01	M	M	5.5	13	10	M	M	3		17	10
15	86	69	78	0	0	13	T	M	M	9.3	18	40	M	M	4		24	40
16	85	75	80	2	0	15	0.00	M	M	13.8	22	60	M	M	3		30	10
17	84	71	78	0	0	13	0.07	0.0	0	12.6	24	70	M	M	6	1	32	60
18	86	72	79	1	0	14	0.00	M	M	12.6	23	80	M	M	3		31	80
19	84	74	79	0	0	14	0.00	M	M	13.1	25	70	M	M	4		32	60
20	87	72	80	1	0	15	0.00	M	M	13.4	26	100	M	M	3		32	100
21	86	72	79	0	0	14	T	M	M	12.0	21	90	M	M	4		27	90
22	87	71	79	0	0	14	0.00	M	M	10.1	18	110	M	M	2		24	110
23	86	72	79	0	0	14	0.00	M	M	8.6	18	90	M	M	3		22	90
24	86	72	79	0	0	14	0.00	M	M	9.9	18	90	M	M	4		24	100
25	88	75	82	3	0	17	0.00	M	M	12.6	22	90	M	M	3		27	110
26	88	74	81	2	0	16	T	M	M	14.1	24	90	M	M	3		29	100
27	86	75	81	2	0	16	0.11	M	M	13.6	28	70	M	M	3	1	34	80
28	85	73	79	0	0	14	0.13	M	M	14.8	29	60	M	M	3	18	36	70
29	88	75	82	3	0	17	0.00	M	M	17.3	25	90	M	M	4		36	80
30	86	75	81	2	0	16	0.06	M	M	15.0	24	90	M	M	3	18	30	90
31	87	74	81	2	0	16	0.02	M	M	15.3	25	90	M	M	5	1	31	70
SM	2658	2242			0	442	0.55	0.0		355.8			M		106			
AV	85.7	72.3								11.5	FASTST		M	M	3		MAX(MPH)	

Data from March 2021 indicate that wind direction from March 1-31, 2021 prevailed from East - East Southeast

STATION: HENRY E. ROHLSEN AP/ST CROIX
MONTH: FEBRUARY
YEAR: 2021
LATITUDE: 17 42 N
LONGITUDE: 64 48 W

TEMPERATURE IN F:							:PCPN:	SNOW:	WIND			:SUNSHINE:	SKY			:PK WND	
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
									12Z	AVG	MX	2MIN						
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	86	77	82	4	0	17	0.00	M	M	15.5	23	100	M	M	2		28	90
2	86	77	82	4	0	17	0.00	M	M	11.3	16	120	M	M	3		20	110
3	85	72	79	1	0	14	T	M	M	8.2	16	80	M	M	5		19	90
4	85	76	81	3	0	16	T	M	M	10.6	16	120	M	M	5		20	110
5	86	75	81	3	0	16	T	M	M	12.0	21	100	M	M	3		26	100
6	86	75	81	3	0	16	0.00	M	M	12.8	23	90	M	M	2		29	100
7	86	74	80	2	0	15	T	M	M	14.4	24	100	M	M	3		31	100
8	86	74	80	2	0	15	T	M	M	13.4	24	90	M	M	3		29	100
9	83	75	79	1	0	14	0.08	M	M	12.4	22	70	M	M	3	18	32	70
10	86	74	80	2	0	15	0.09	M	M	13.2	24	100	M	M	4	1	30	110
11	86	70	78	0	0	13	0.08	M	M	12.1	23	90	M	M	3	1	29	90
12	86	75	81	3	0	16	T	M	M	14.6	24	100	M	M	4	8	30	100
13	86	75	81	3	0	16	0.06	M	M	16.1	28	100	M	M	4	18	35	90
14	87	74	81	3	0	16	T	M	M	15.8	28	90	M	M	4		35	90
15	86	76	81	3	0	16	0.00	M	M	16.7	29	90	M	M	3		36	100
16	86	74	80	2	0	15	T	M	M	15.8	28	90	M	M	4		34	80
17	84	74	79	1	0	14	0.27	M	M	15.1	30	90	M	M	6	18	35	90
18	86	75	81	3	0	16	T	M	M	17.4	31	90	M	M	5		38	70
19	87	74	81	3	0	16	0.00	M	M	15.1	26	90	M	M	3		34	80
20	86	71	79	1	0	14	T	M	M	11.5	23	100	M	M	3		29	100
21	85	71	78	0	0	13	0.04	M	M	11.4	22	100	M	M	5		26	100
22	85	75	80	2	0	15	T	M	M	14.8	26	100	M	M	3		31	100
23	86	74	80	2	0	15	T	M	M	15.3	24	90	M	M	4		30	100
24	86	72	79	1	0	14	0.13	M	M	13.8	26	100	M	M	3	1	34	80
25	87	74	81	3	0	16	0.00	M	M	16.3	28	100	M	M	2		34	110
26	85	75	80	2	0	15	T	M	M	16.1	26	70	M	M	4		33	70
27	85	73	79	1	0	14	0.08	M	M	16.1	29	70	M	M	4	1	36	70
28	85	75	80	2	0	15	0.05	M	M	17.3	29	60	M	M	3	1	36	60
SM	2399	2076			0	424	0.88	M	395.1				M		100			
AV	85.7	74.1								14.1	FASTST		M	M	4		MAX(MPH)	
								MISC ---->			31	90					38	70

NOTES:

Data from February 2021 indicate that wind direction from February 1-28, 2021 prevailed from East - East Southeast