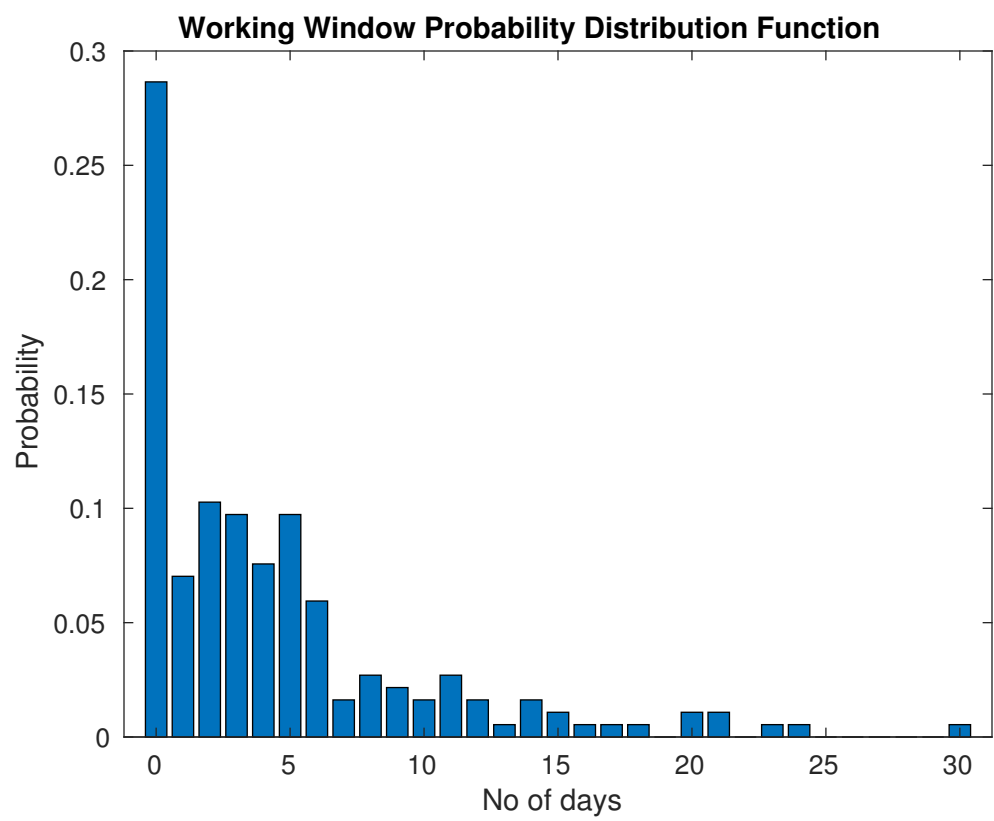
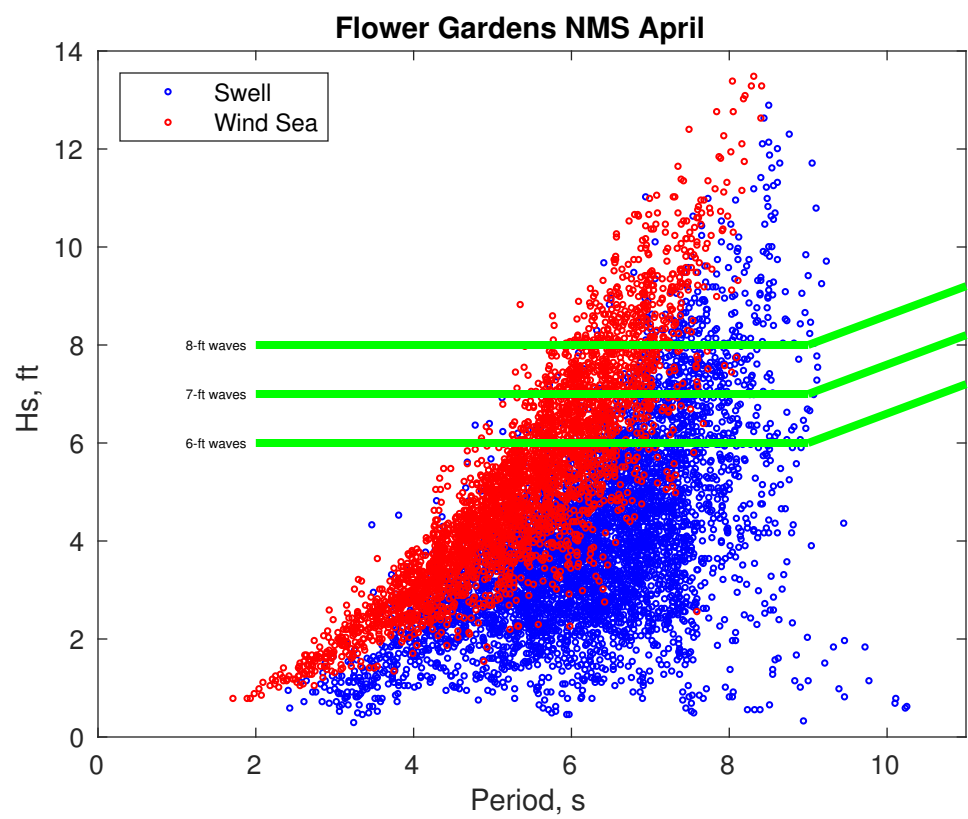
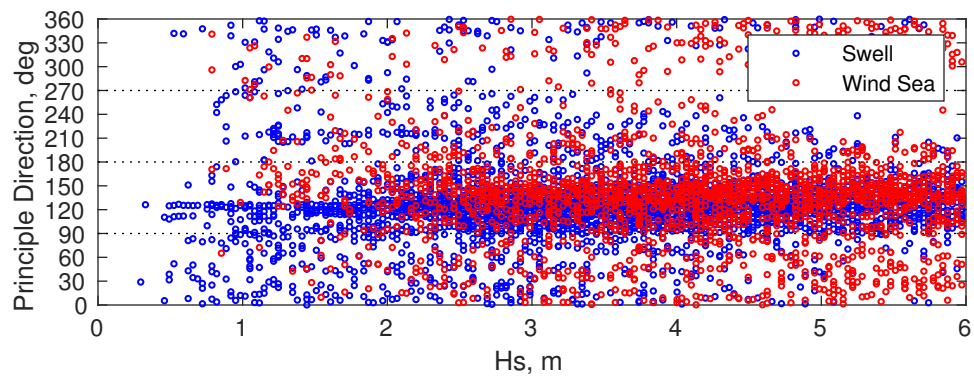
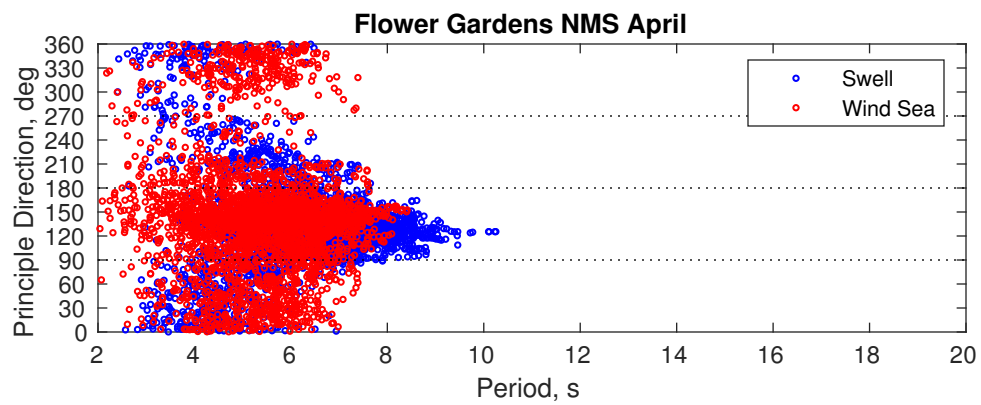
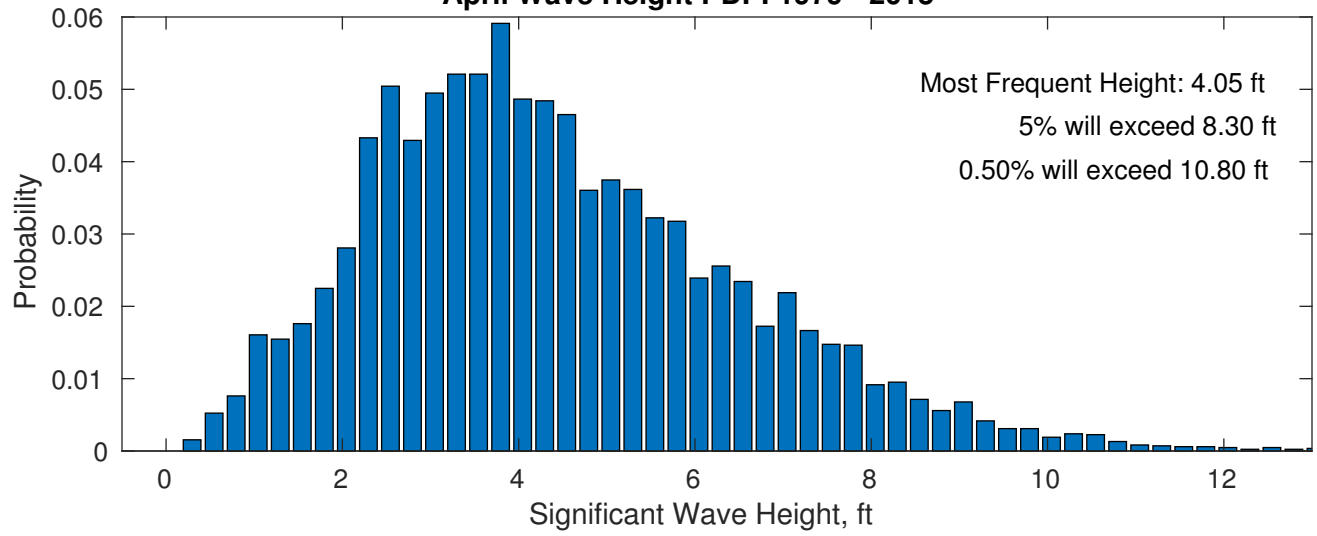




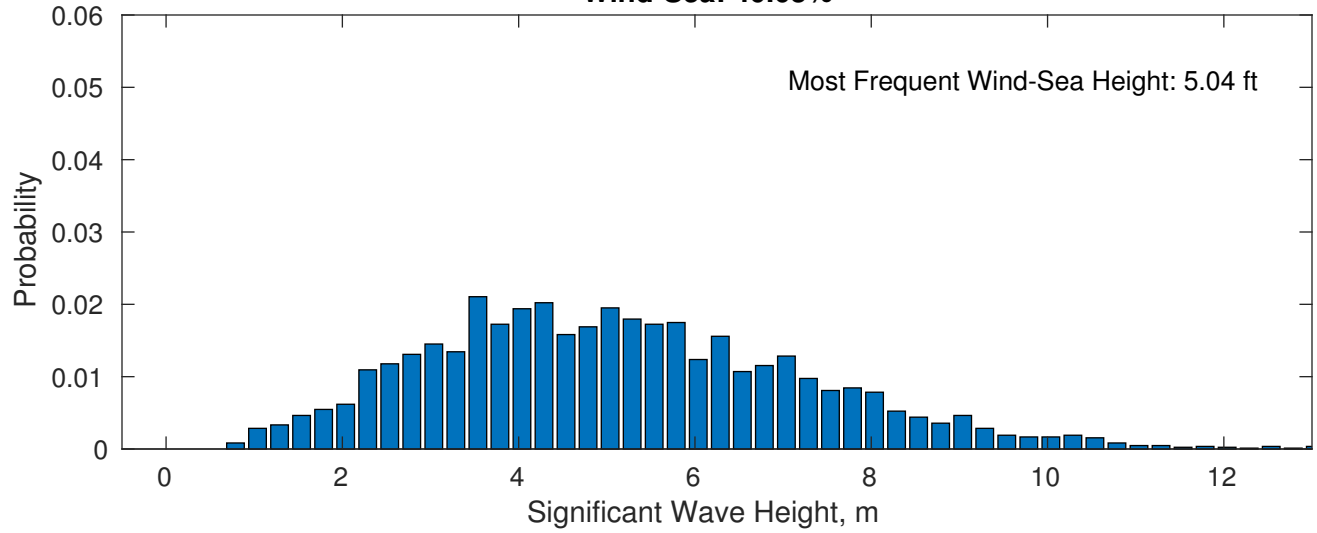




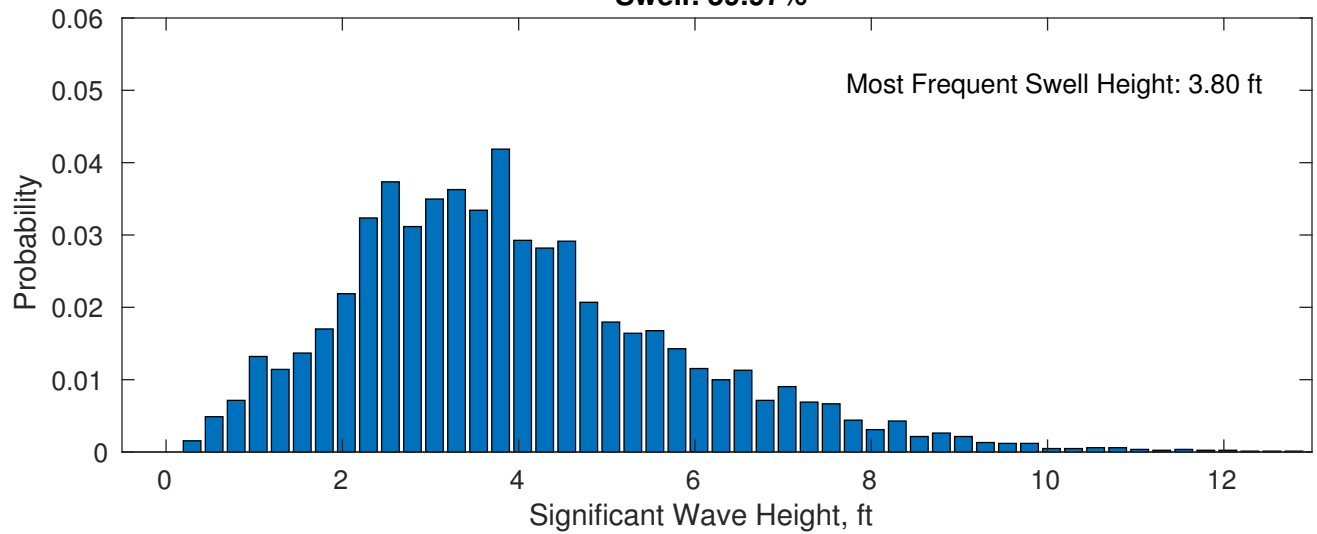
April Wave Height PDF: 1979 - 2015



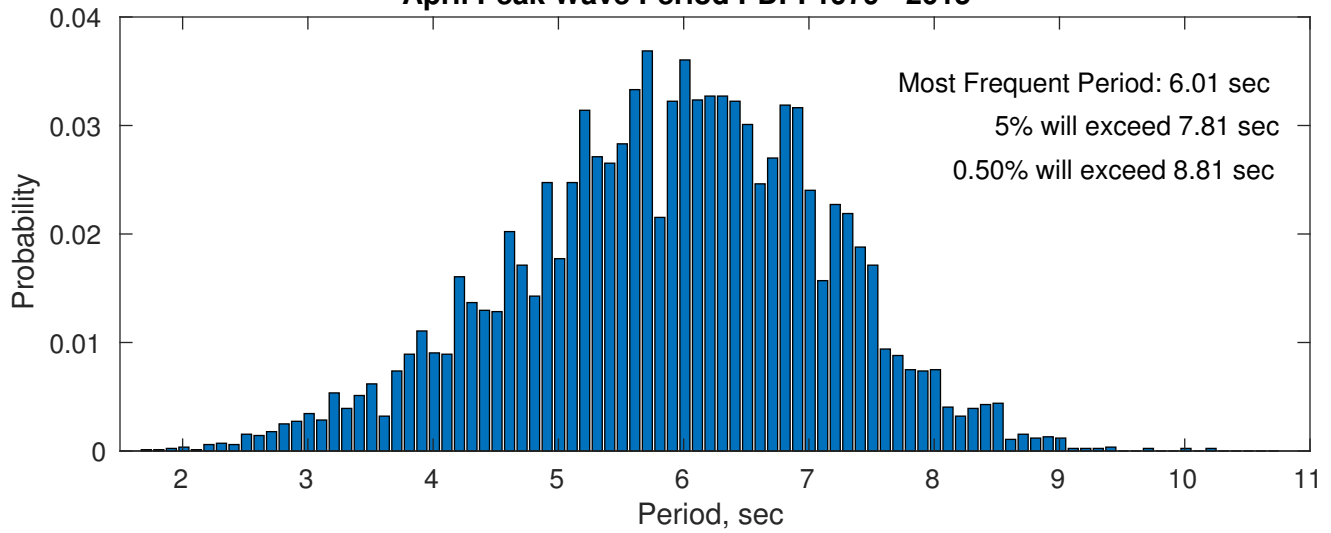
Wind-Sea: 40.03%



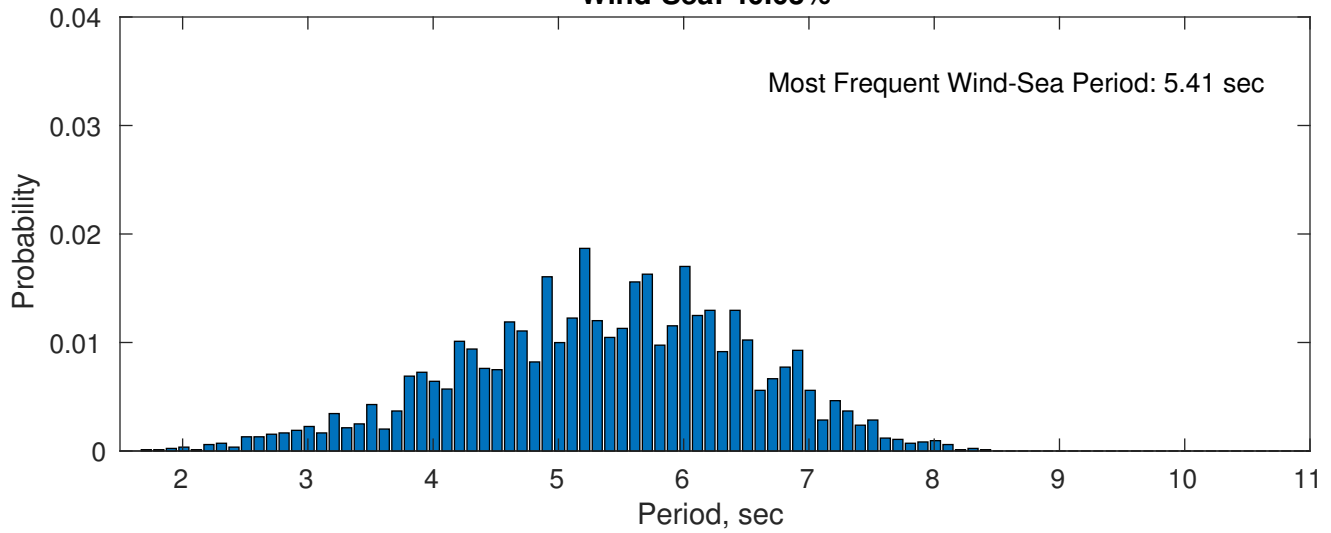
Swell: 59.97%



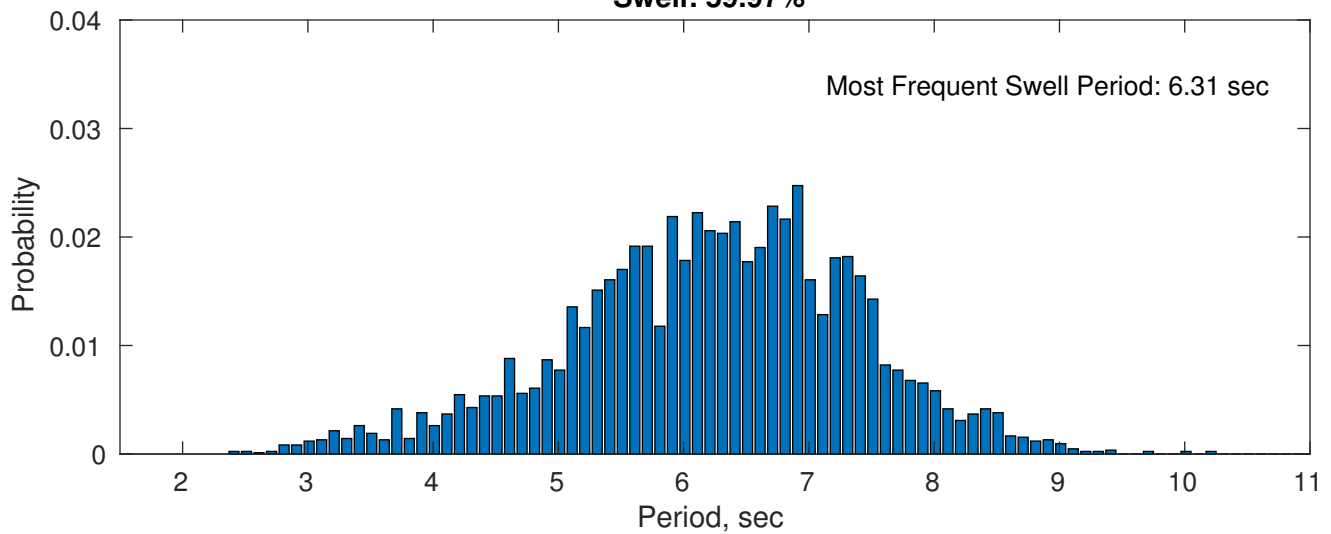
April Peak Wave Period PDF: 1979 - 2015



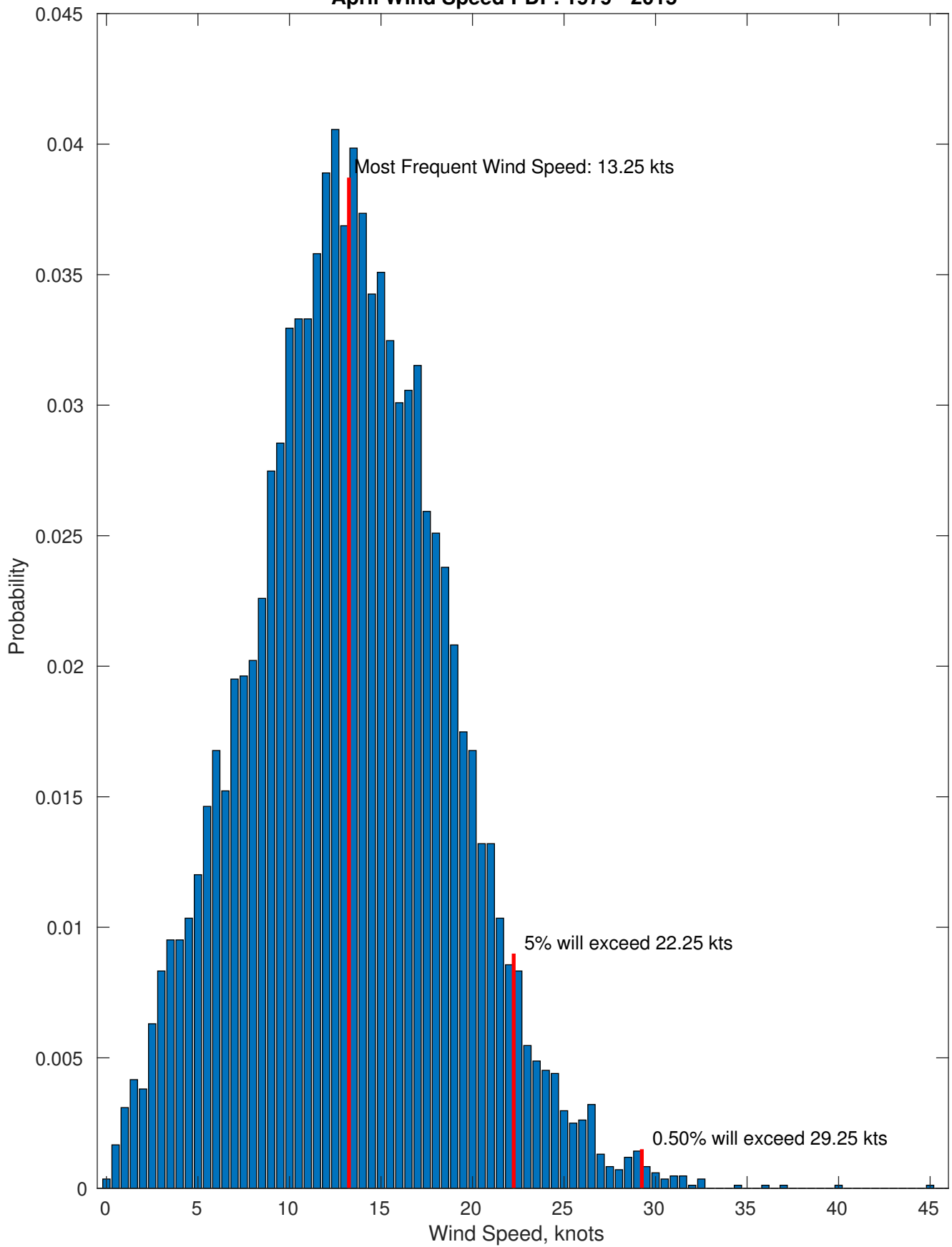
Wind-Sea: 40.03%



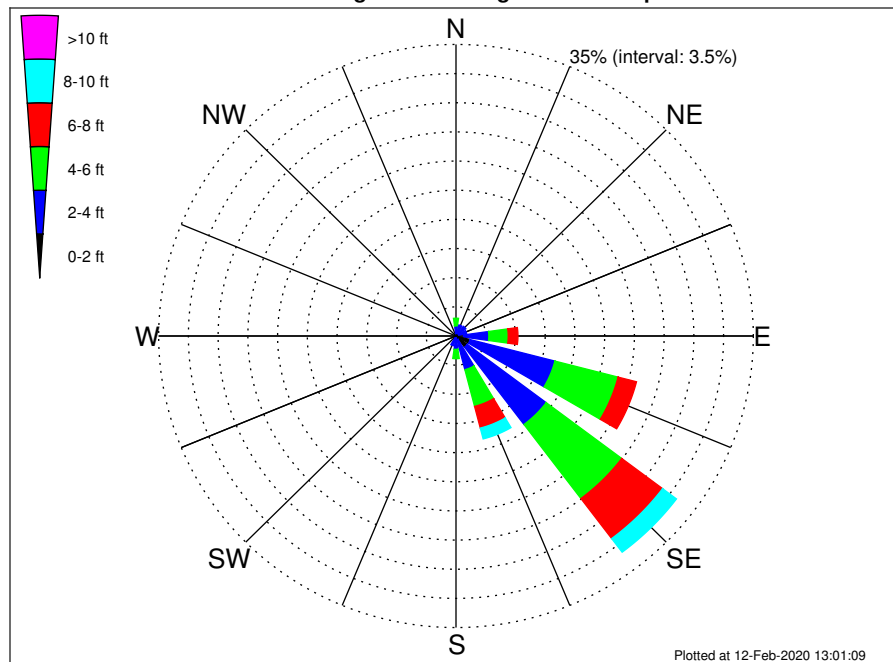
Swell: 59.97%



April Wind Speed PDF: 1979 - 2015



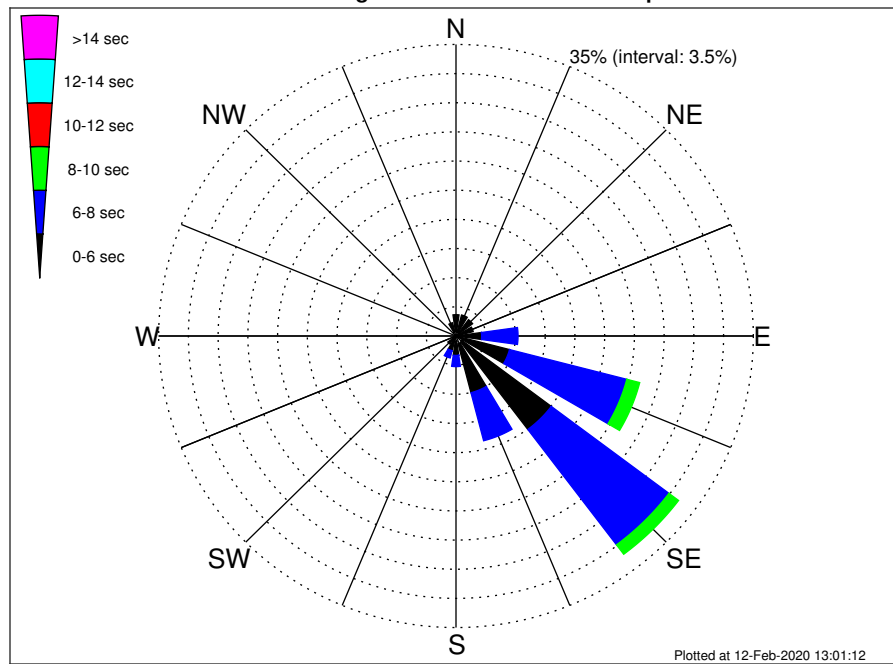
Flower Gardens NMS Climatological WaveHeight Rose for April: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.08	0.13	0.10	0.04	0.13	0.20	0.32	0.05	0.05	0.01	0.01	0.04	0.02	0.04	•	0.06	1.27
1 - 2 ft	0.21	0.30	0.30	0.30	0.76	1.51	1.34	0.42	0.21	0.26	0.24	0.07	0.21	0.19	0.10	0.20	6.63
2 - 4 ft	0.93	0.94	1.06	0.95	2.97	10.31	11.63	3.71	1.34	0.93	0.80	0.42	0.24	0.12	0.24	0.42	37.00
4 - 6 ft	0.92	0.77	0.75	0.83	2.28	7.68	11.13	4.56	1.12	0.83	0.23	0.13	0.05	0.11	0.38	0.59	32.37
6 - 8 ft	0.51	0.65	0.48	0.38	1.14	2.24	6.02	2.69	0.67	0.58	0.01	0.04	0.06	0.02	0.33	0.37	16.19
8 - 10 ft	0.25	0.23	0.08	0.21	0.13	0.34	2.05	1.34	0.24	0.11	•	•	•	•	0.07	0.17	5.22
10 - 12 ft	0.04	•	0.05	0.04	•	0.05	0.34	0.42	0.05	•	•	•	0.02	0.04	0.05	0.02	1.11
12 - 14 ft	•	•	•	•	•	•	0.01	0.20	•	•	•	•	•	•	•	•	0.21
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	2.94	3.02	2.81	2.75	7.42	22.34	32.85	13.38	3.68	2.72	1.28	0.69	0.61	0.51	1.17	1.83	100.00

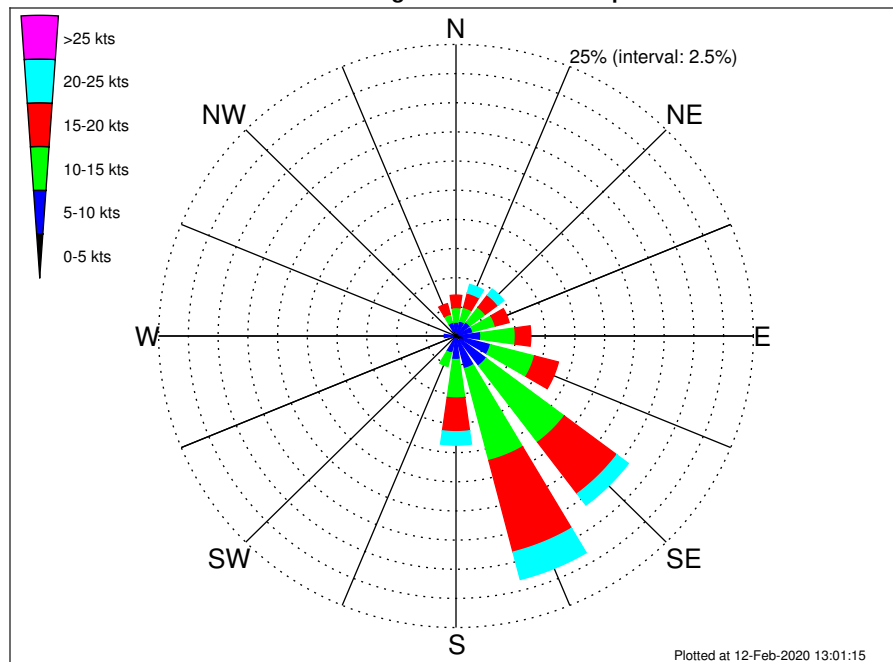
Flower Gardens NMS Climatological WavePeriod Rose for April: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1 - 2 sec	.	.	.	.	.	.	.	.	0.02	.	.	.	.	0.01	.	0.01	0.05
2 - 4 sec	0.56	0.46	0.51	0.32	0.34	0.38	0.89	0.98	0.59	0.31	0.19	0.12	0.31	0.25	0.19	0.48	6.89
4 - 6 sec	2.00	2.14	1.94	1.77	2.68	6.13	13.16	6.05	1.71	1.51	1.01	0.54	0.23	0.21	0.83	1.15	43.06
6 - 8 sec	0.38	0.42	0.36	0.65	4.28	14.26	17.34	5.96	1.34	0.90	0.08	0.04	0.07	0.04	0.14	0.19	46.46
8 - 10 sec	.	.	.	.	0.12	1.57	1.42	0.39	.	.	.	.	.	.	.	.	3.50
10 - 12 sec	.	.	.	.	.	.	0.05	.	.	.	.	.	.	.	.	.	0.05
12 - 14 sec	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14 - 16 sec	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18 - 20 sec	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22 - 24 sec	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	2.94	3.02	2.81	2.75	7.42	22.34	32.85	13.38	3.68	2.72	1.28	0.69	0.61	0.51	1.17	1.83	100.00

Flower Gardens NMS Climatological Wind Rose for April: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.01	0.01	0.02	0.02	0.01	0.02	•	0.01	•	•	0.01	•	0.02	0.01	0.02	0.01	0.20
0 - 5 kts	0.36	0.36	0.31	0.29	0.40	0.63	0.48	0.43	0.30	0.27	0.33	0.15	0.29	0.23	0.27	0.42	5.51
5 - 10 kts	0.82	0.95	1.13	1.15	1.68	2.34	2.70	2.44	1.72	1.24	0.61	0.46	0.68	0.54	0.43	0.77	19.66
10 - 15 kts	1.25	1.21	1.62	1.95	2.90	3.83	8.23	8.15	3.29	1.19	0.39	0.40	0.36	0.32	0.49	0.73	36.31
15 - 20 kts	1.07	1.27	1.32	1.20	1.30	2.07	5.53	8.11	2.89	0.57	0.17	0.13	0.06	0.24	0.42	0.94	27.29
20 - 25 kts	0.56	0.76	0.64	0.42	0.25	0.38	1.21	2.43	1.15	0.17	0.02	0.02	0.02	0.12	0.26	0.55	8.97
25 - 30 kts	0.30	0.29	0.13	0.02	0.01	0.02	0.12	0.36	0.13	•	•	•	0.01	0.05	0.10	0.23	1.76
30 - 35 kts	0.07	0.01	0.02	•	•	•	•	0.04	0.06	•	•	•	•	0.02	•	0.02	0.25
35 - 40 kts	•	•	•	•	•	0.01	•	•	•	•	•	•	•	•	0.01	•	0.02
40 - 45 kts	•	•	•	•	•	•	•	0.01	•	•	•	•	•	•	•	•	0.01
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0.01	0.01
Total	4.44	4.86	5.20	5.06	6.55	9.31	18.27	21.97	9.55	3.44	1.53	1.18	1.44	1.52	2.00	3.68	100.00