

Petronas Oman Block 18 - April

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 3.5 days Range: 1.5 - 5.5 days p50:4 days p75:2 days p90:1.5 days
Wave Height > 5.0 ft Mean: 1.2 days Range: 0.1 - 2.3 days p50:1.5 days p75:0.5 days p90:0.5 days
Wave Height > 6.0 ft Mean: 0.4 days Range: 0.0 - 1.1 days p50:30 days p75:1 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 5.6 days Range: 2.9 - 8.3 days p50:5 days p75:4 days p90:3.5 days
Wind Speed > 20.0 knots Mean: 1.1 days Range: 0.1 - 2.2 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.1 days Range: 0.0 - 0.3 days p50:0.5 days p75:0.5 days p90:0.5 days

Working Window

Wave Height < 4.0 ft	A 1 day or longer window will statistically occur 3.2 times per month A 2 day or longer window will statistically occur 2.6 times per month A 3 day or longer window will statistically occur 2.3 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 2.1 times per month A 2 day or longer window will statistically occur 1.9 times per month A 3 day or longer window will statistically occur 1.7 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 1.4 times per month A 2 day or longer window will statistically occur 1.3 times per month A 3 day or longer window will statistically occur 1.3 times per month

Waves

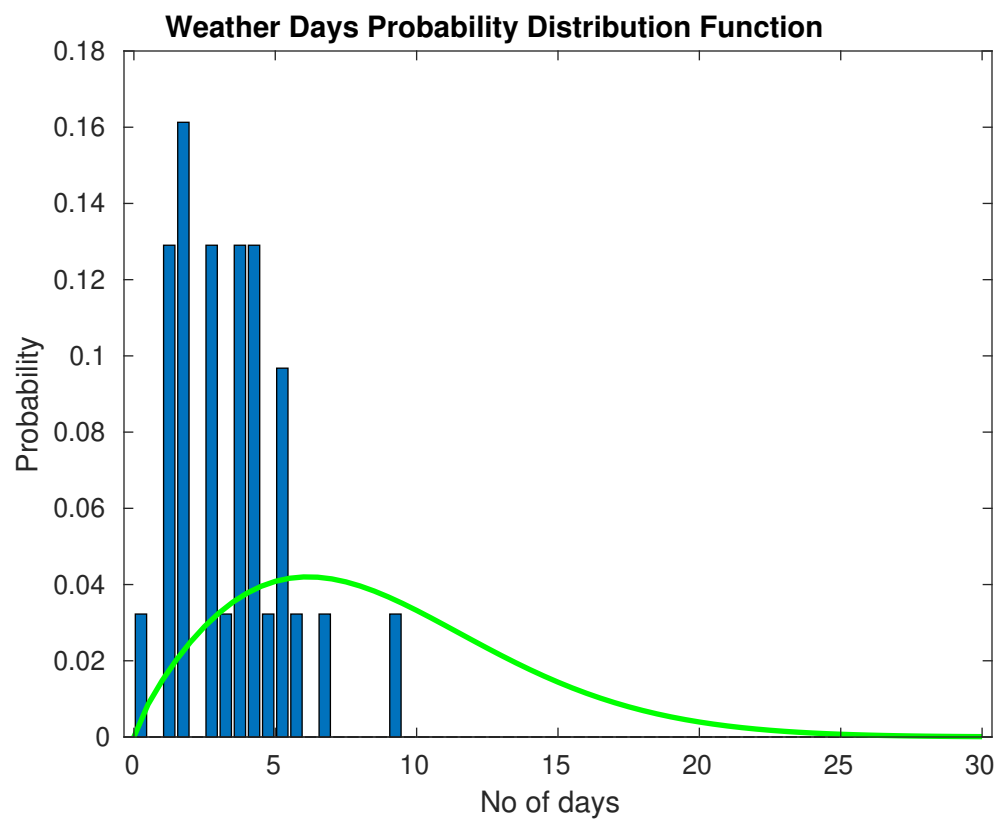
Mean Height: 2 - 4 ft
The wave heights will occasionally reach 6 - 8 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 21% / 79%

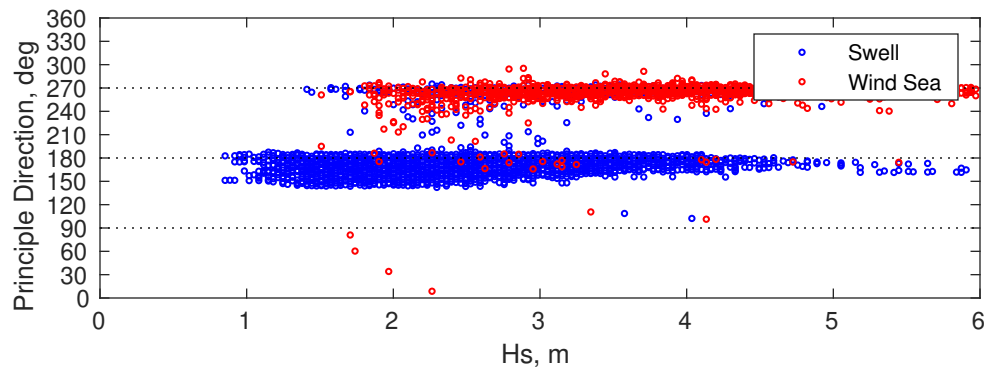
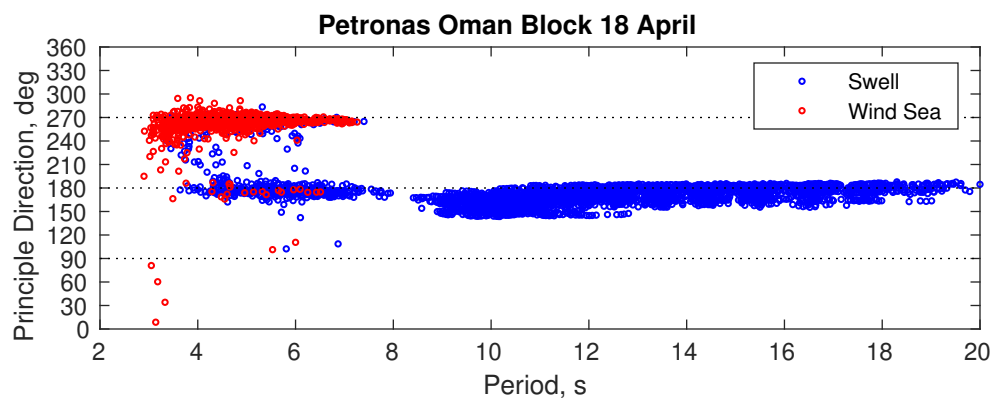
Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: W

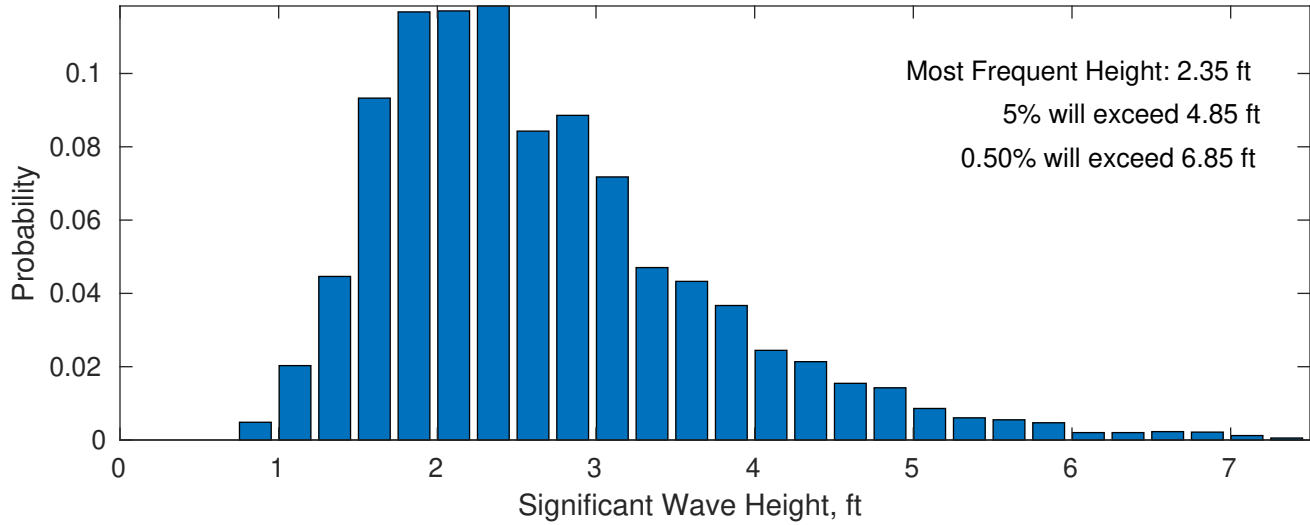
Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.

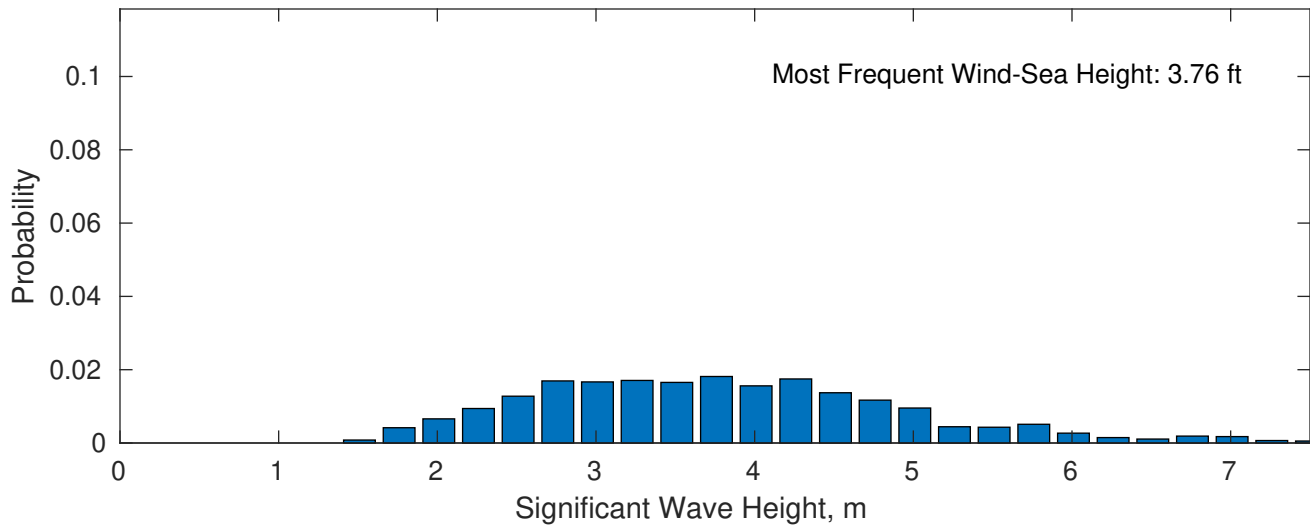




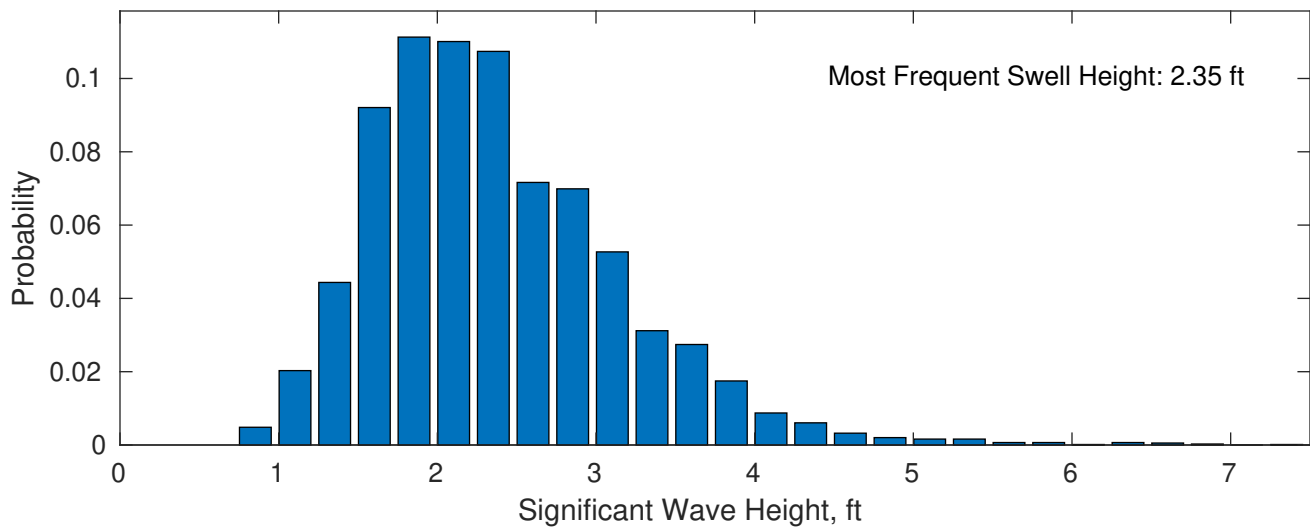
April Wave Height PDF: 1979 - 2015



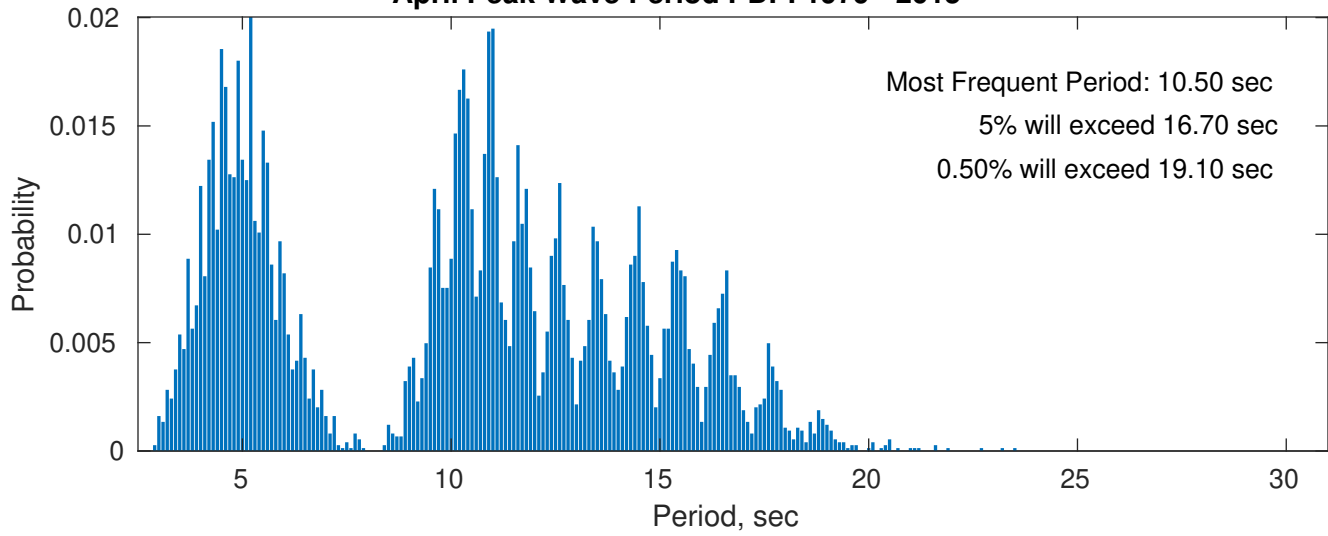
Wind-Sea: 21.30%



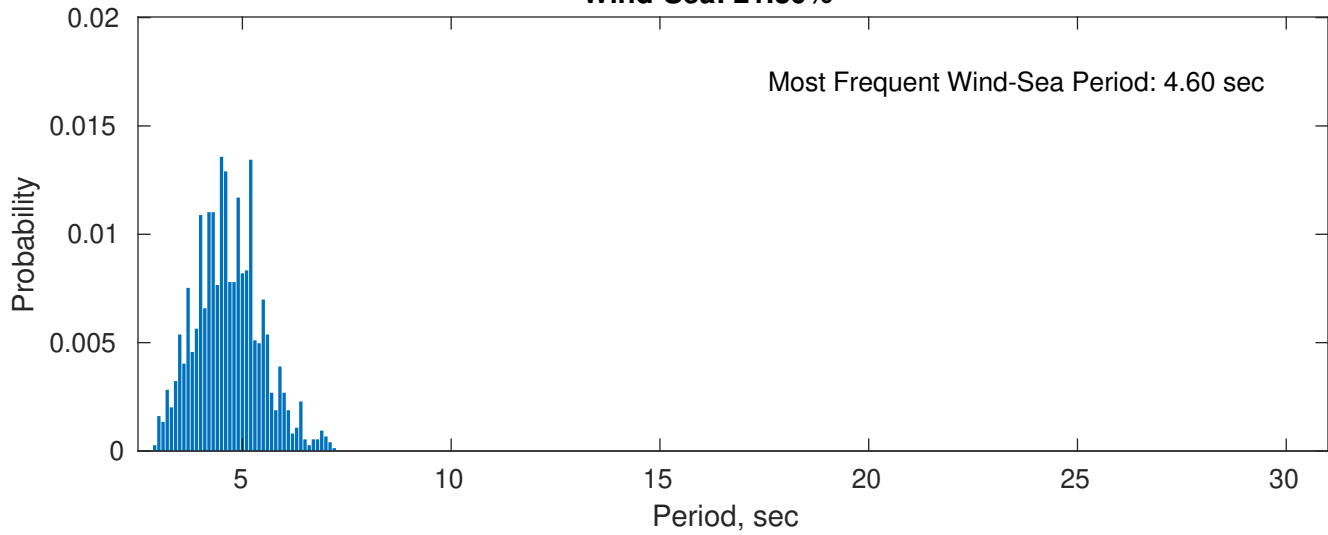
Swell: 78.70%



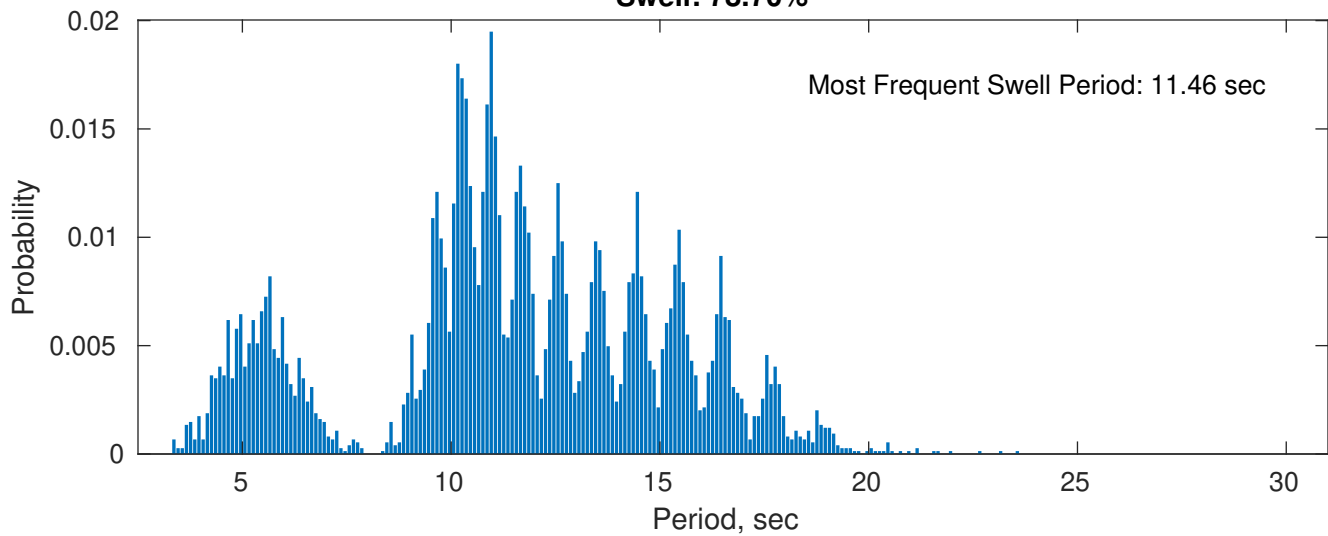
April Peak Wave Period PDF: 1979 - 2015



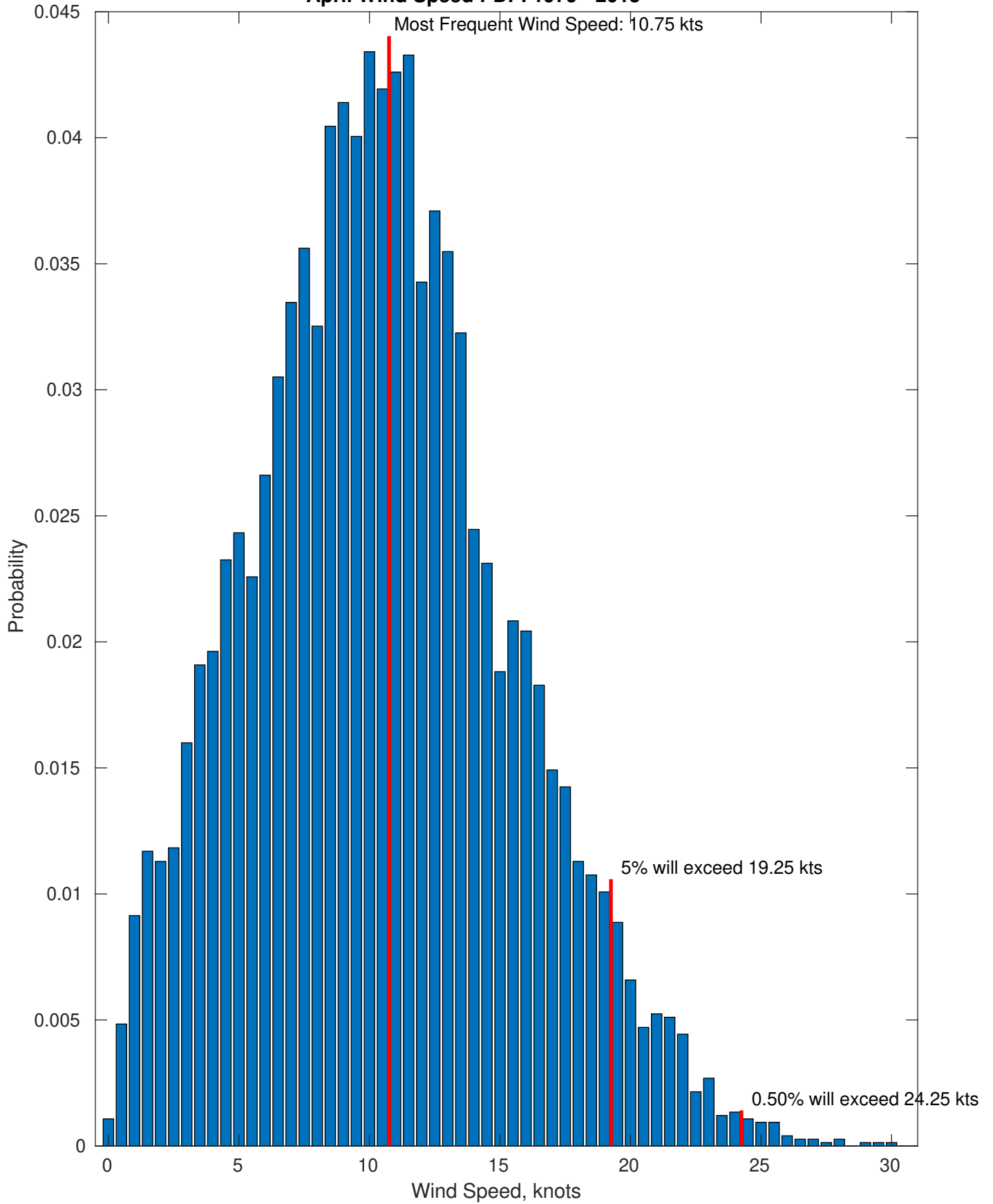
Wind-Sea: 21.30%



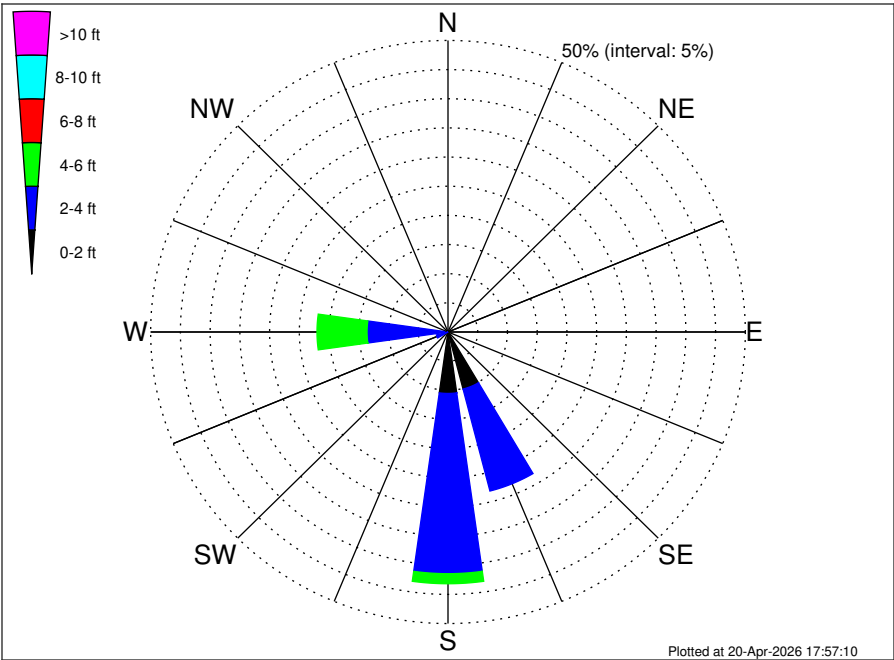
Swell: 78.70%



April Wind Speed PDF: 1979 - 2015



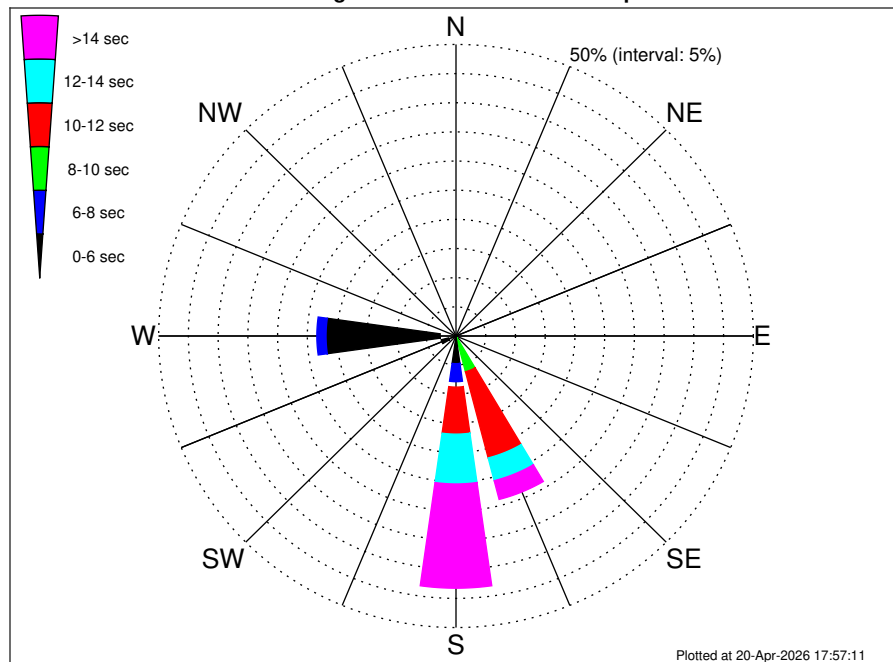
Petronas Oman Block 18 Climatological WaveHeight Rose for April: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	•	0.05	0.22	•	•	•	•	•	•	•	0.27
1 - 2 ft	•	•	0.01	0.01	0.01	•	0.65	10.05	10.32	0.03	0.03	0.09	0.59	•	•	•	21.80
2 - 4 ft	0.01	•	•	•	•	0.03	0.35	18.06	30.91	0.22	0.26	1.92	13.02	0.11	•	•	64.89
4 - 6 ft	•	•	•	•	•	0.03	•	0.75	1.72	•	•	0.62	8.41	0.03	•	•	11.56
6 - 8 ft	•	•	•	•	•	•	•	0.03	0.08	•	•	•	1.20	•	•	•	1.30
8 - 10 ft	•	•	•	•	•	•	•	•	•	•	•	•	0.17	•	•	•	0.17
10 - 12 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.01	•	0.01	0.01	0.01	0.05	0.99	28.95	43.25	0.24	0.28	2.63	23.40	0.13	•	•	100.00

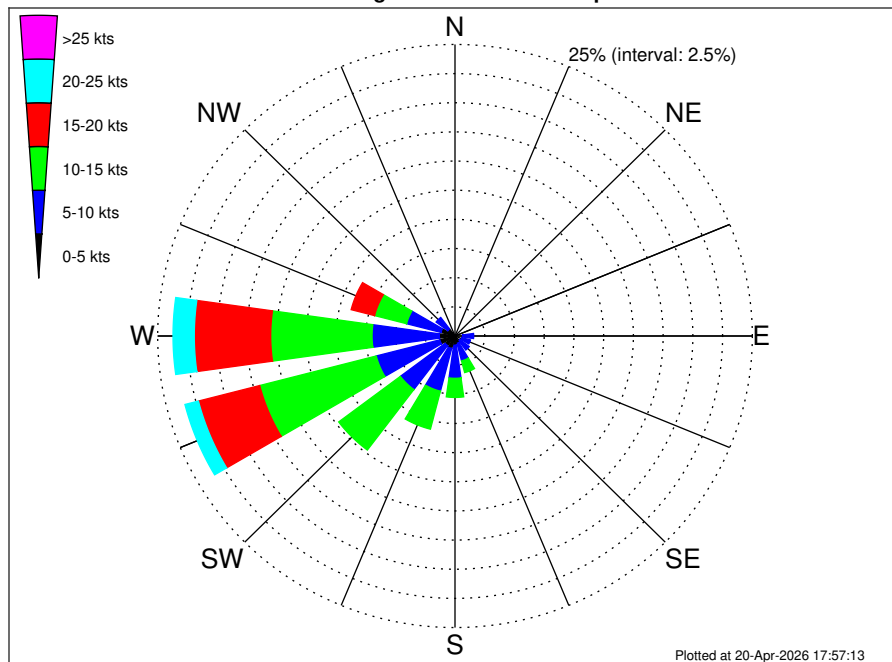
Petronas Oman Block 18 Climatological WavePeriod Rose for April: 1979 - 2015



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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2 - 4 sec	0.01	•	0.01	0.01	0.01	•	•	0.01	0.09	0.07	0.19	1.28	2.67	0.07	•	•	4.44
4 - 6 sec	•	•	•	•	•	0.04	•	0.19	4.65	0.16	0.09	1.29	19.18	0.07	•	•	25.67
6 - 8 sec	•	•	•	•	•	0.01	0.01	0.16	3.09	0.01	•	0.07	1.55	•	•	•	4.91
8 - 10 sec	•	•	•	•	•	•	0.35	5.97	0.93	•	•	•	•	•	•	•	7.24
10 - 12 sec	•	•	•	•	•	•	0.55	15.27	8.06	•	•	•	•	•	•	•	23.88
12 - 14 sec	•	•	•	•	•	•	0.08	4.03	8.55	•	•	•	•	•	•	•	12.66
14 - 16 sec	•	•	•	•	•	•	•	2.11	10.12	•	•	•	•	•	•	•	12.23
18 - 20 sec	•	•	•	•	•	•	•	1.16	6.06	•	•	•	•	•	•	•	7.22
22 - 24 sec	•	•	•	•	•	•	•	0.05	1.69	•	•	•	•	•	•	•	1.75
Total	0.01	•	0.01	0.01	0.01	0.05	0.99	28.95	43.25	0.24	0.28	2.63	23.40	0.13	•	•	100.00

Petronas Oman Block 18 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	0.03	0.05	0.01	0.07	0.05	0.01	0.04	0.01	0.03	0.04	0.04	0.05	0.03	0.03	0.05	0.04	0.59
0 - 5 kts	0.43	0.50	0.56	0.55	0.59	0.58	0.47	0.63	0.77	1.06	0.99	1.26	1.29	1.20	0.71	0.59	12.19
5 - 10 kts	0.24	0.17	0.40	0.52	0.93	0.75	0.99	1.56	2.84	3.79	4.72	5.52	5.66	2.98	1.22	0.44	32.76
10 - 15 kts	0.08	0.05	0.03	0.20	0.23	0.22	0.32	1.03	1.64	3.36	6.49	10.12	8.52	2.78	0.56	0.15	35.79
15 - 20 kts	0.03	0.01	0.01	0.05	0.04	•	0.01	0.03	0.04	0.05	0.59	5.32	6.42	2.03	0.17	0.03	14.85
20 - 25 kts	•	•	•	•	•	•	•	•	•	•	0.01	1.17	1.79	0.47	0.01	•	3.45
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	0.03	0.22	0.08	0.03	•	0.35
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	0.01	•	•	•	0.01
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.81	0.79	1.02	1.40	1.84	1.56	1.84	3.27	5.31	8.31	12.85	23.48	23.94	9.57	2.77	1.25	100.00