

Petronas Oman Block 18 - March

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 3.3 days Range: 1.6 - 5.0 days p50:3.5 days p75:2 days p90:1 days
Wave Height > 5.0 ft Mean: 1.5 days Range: 0.5 - 2.5 days p50:2 days p75:1 days p90:0.5 days
Wave Height > 6.0 ft Mean: 0.6 days Range: 0.0 - 1.3 days p50:1.5 days p75:1 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 4.1 days Range: 2.4 - 5.8 days p50:4.5 days p75:3 days p90:2.5 days
Wind Speed > 20.0 knots Mean: 0.9 days Range: 0.3 - 1.5 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 3.1 times per month A 2 day or longer window will statistically occur 2.5 times per month A 3 day or longer window will statistically occur 2.2 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 2.3 times per month A 2 day or longer window will statistically occur 2.1 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 1.8 times per month A 2 day or longer window will statistically occur 1.6 times per month A 3 day or longer window will statistically occur 1.5 times per month

Waves

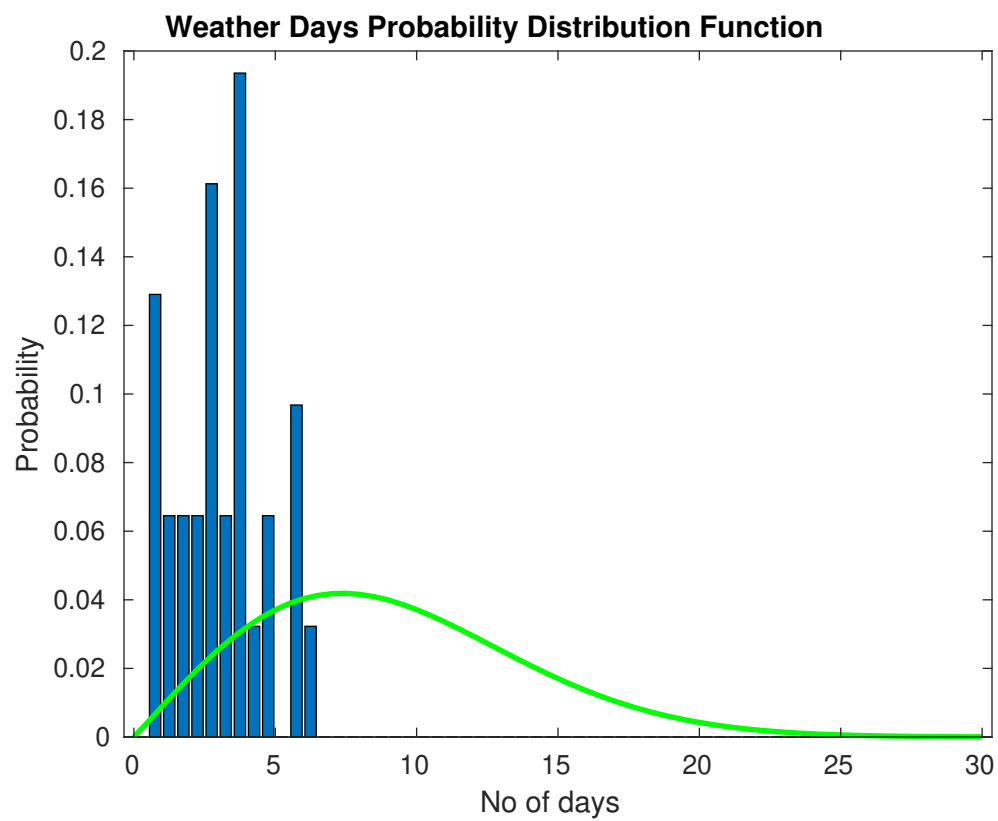
Mean Height: 2 - 4 ft
The wave heights will occasionally reach 6 - 8 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 19% / 81%

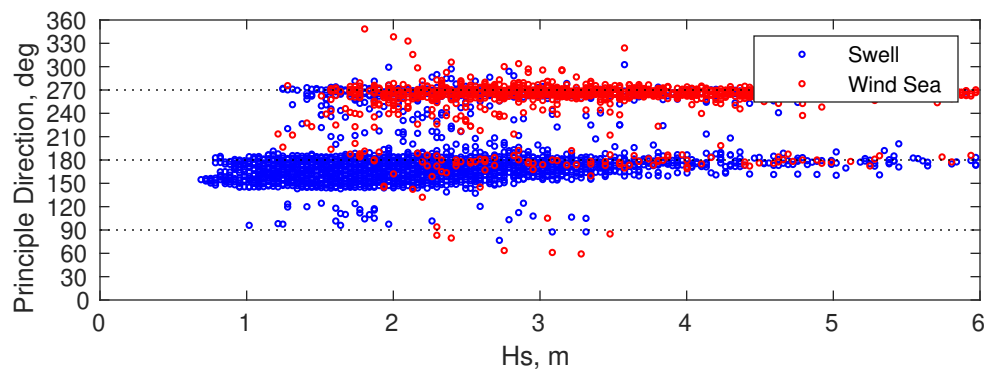
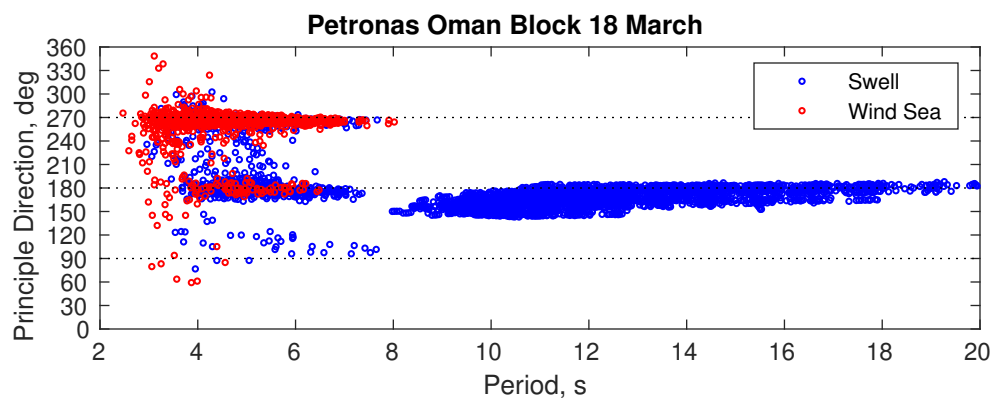
Winds

Mean Speed: 5 - 10 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: W

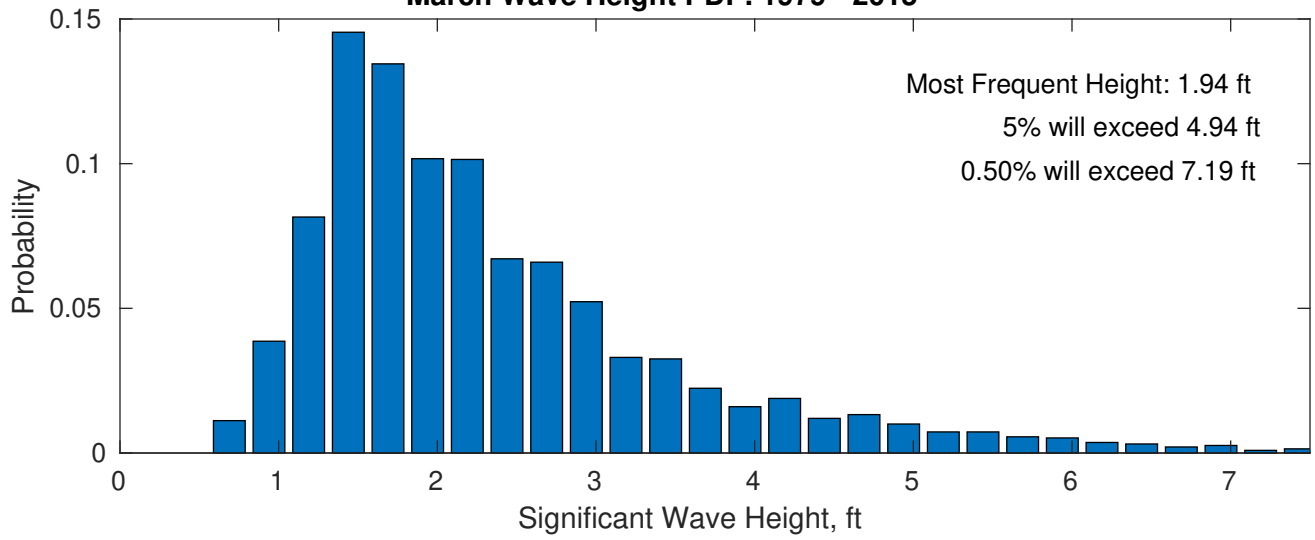
Severe Storms

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

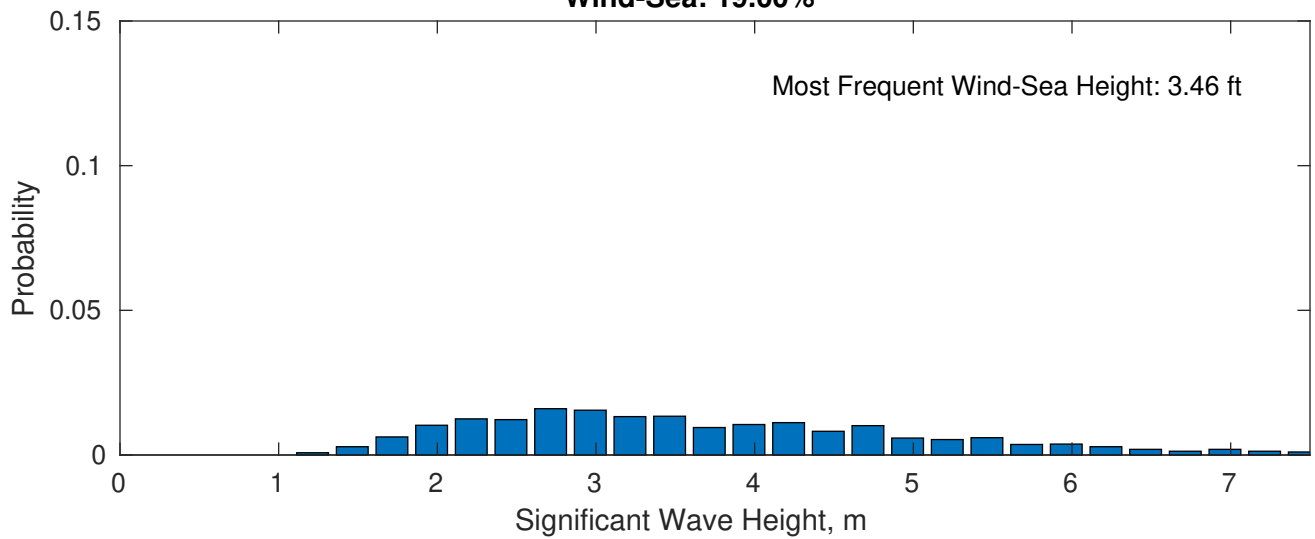




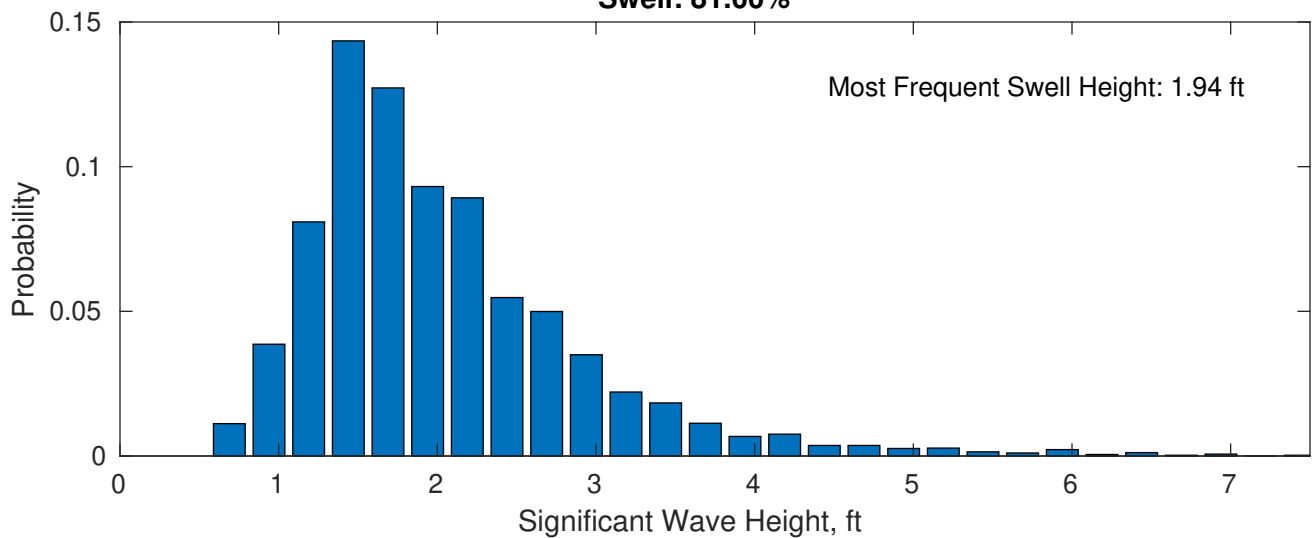
March Wave Height PDF: 1979 - 2015



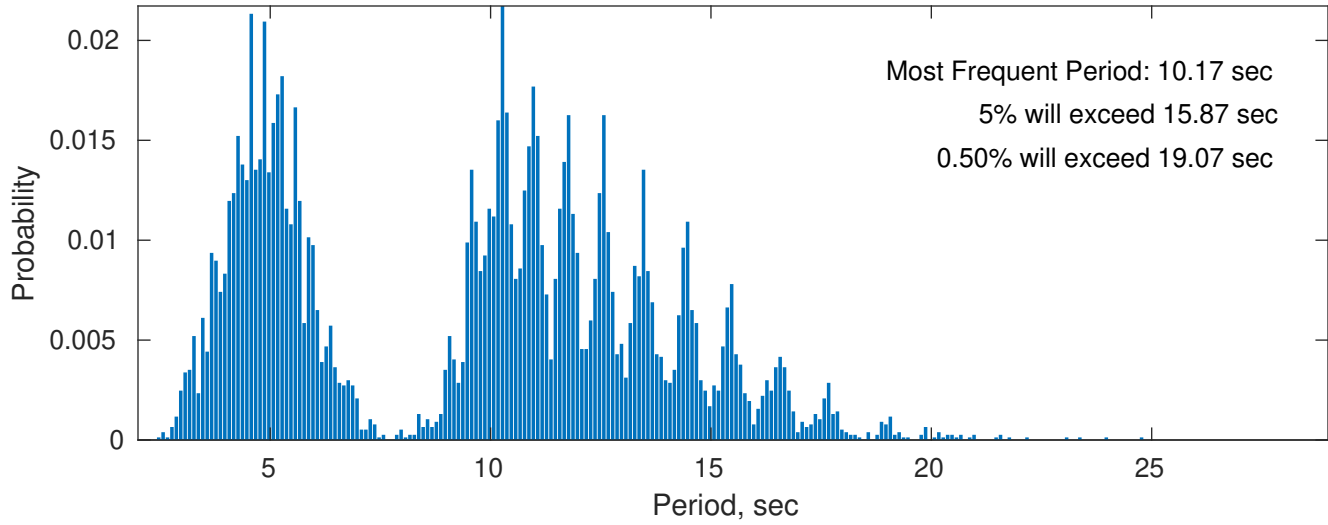
Wind-Sea: 19.00%



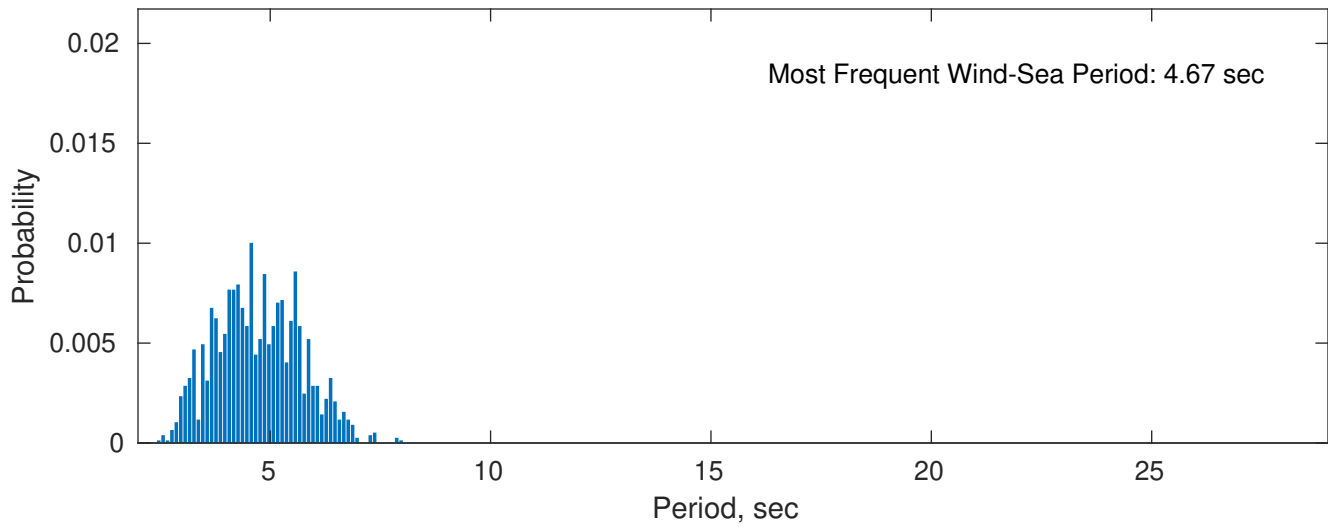
Swell: 81.00%



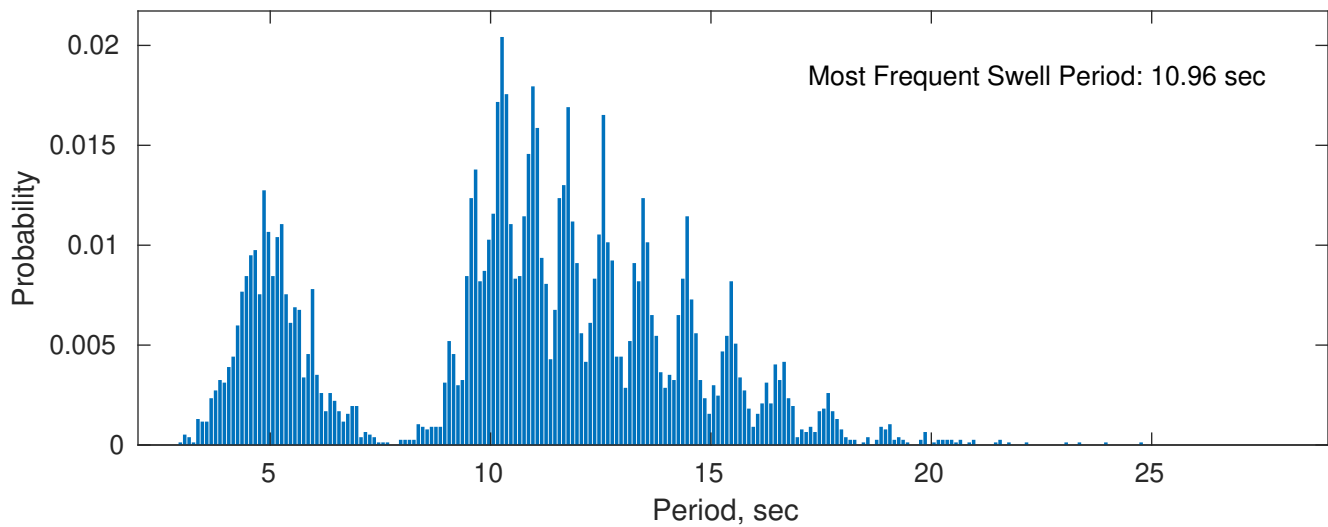
March Peak Wave Period PDF: 1979 - 2015



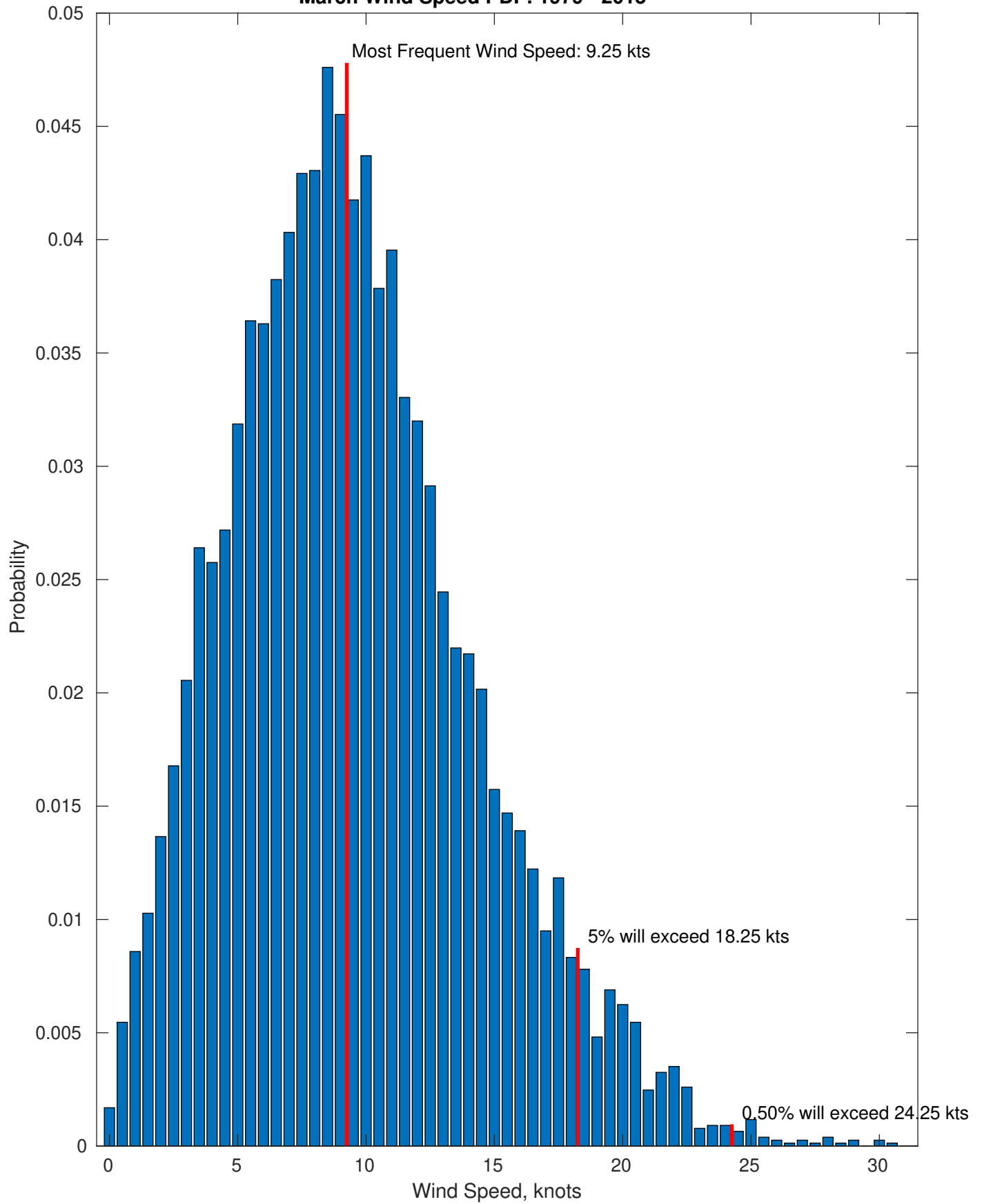
Wind-Sea: 19.00%



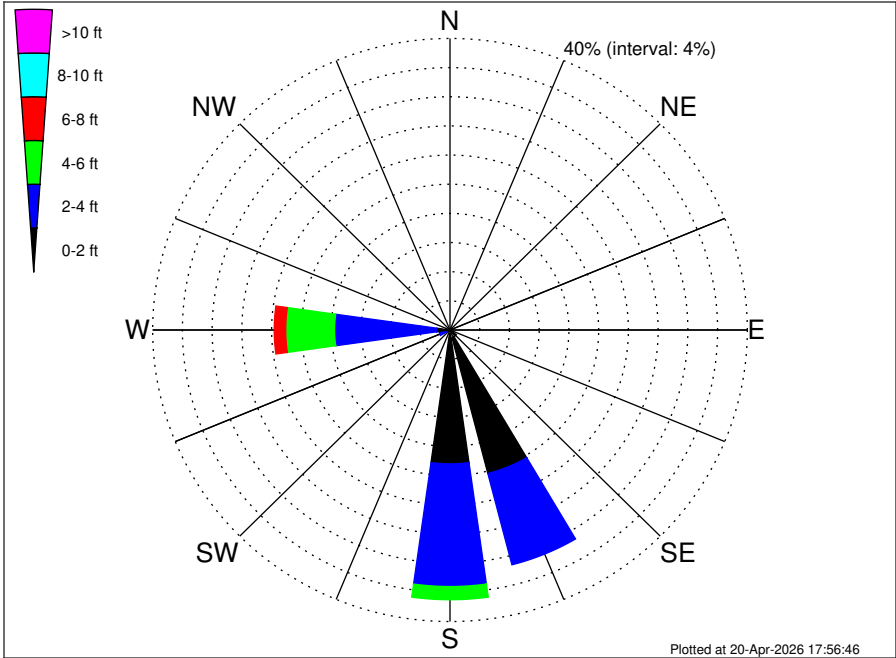
Swell: 81.00%



March Wind Speed PDF: 1979 - 2015



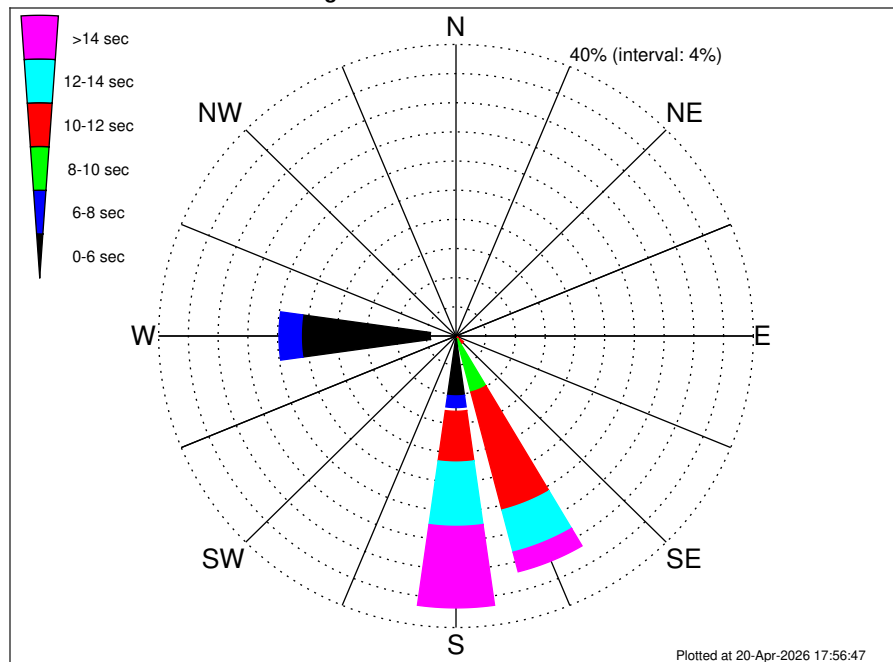
Petronas Oman Block 18 Climatological WaveHeight Rose for March: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	0.05	1.09	0.53	•	•	•	•	•	•	•	1.68
1 - 2 ft	•	•	•	•	0.07	0.18	1.01	19.24	17.83	0.18	0.17	0.42	1.81	0.04	•	0.01	40.96
2 - 4 ft	•	•	•	0.05	0.08	0.12	0.27	12.94	16.83	0.44	0.39	1.08	13.72	0.34	0.05	0.03	46.34
4 - 6 ft	•	•	•	•	•	•	•	0.14	1.81	0.07	•	0.34	6.57	•	•	•	8.92
6 - 8 ft	•	•	•	•	•	•	•	•	0.30	•	0.01	0.04	1.55	•	•	•	1.90
8 - 10 ft	•	•	•	•	•	•	•	•	•	•	•	0.01	0.13	•	•	•	0.14
10 - 12 ft	•	•	•	•	•	•	•	•	•	•	•	•	0.05	•	•	•	0.05
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	•	0.05	0.14	0.30	1.34	33.42	37.30	0.69	0.57	1.89	23.83	0.38	0.05	0.04	100.00

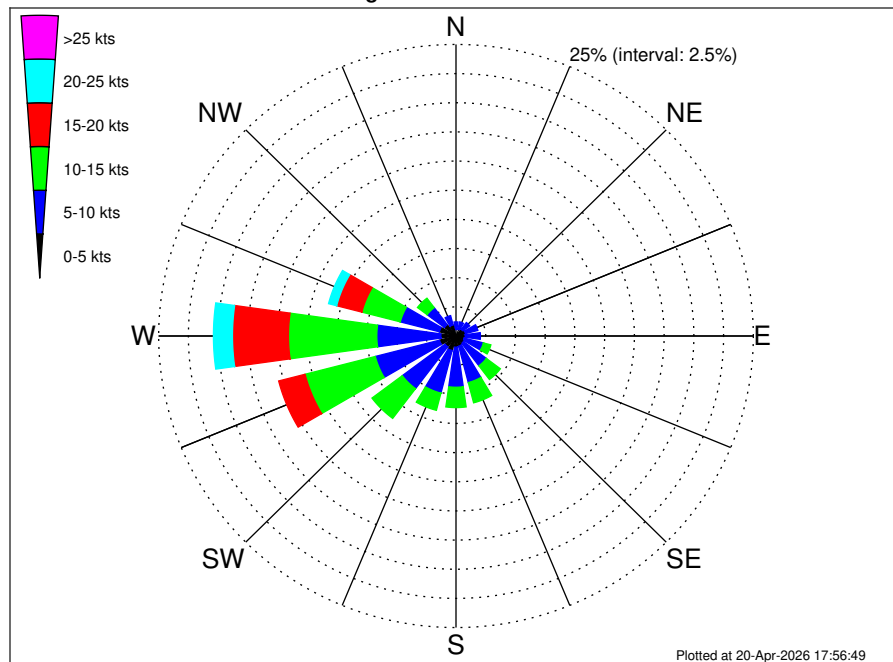
Petronas Oman Block 18 Climatological WavePeriod Rose for March: 1979 - 2015



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	•	•	•	0.05	0.04	0.03	0.08	0.10	0.44	0.18	0.33	0.87	3.46	0.25	0.04	0.04	5.91
4 - 6 sec	•	•	•	•	0.05	0.21	0.04	0.22	7.78	0.49	0.25	0.98	17.36	0.13	0.01	•	27.52
6 - 8 sec	•	•	•	•	0.05	0.07	•	0.13	1.60	0.01	•	0.04	2.99	•	•	•	4.89
8 - 10 sec	•	•	•	•	•	•	0.16	7.49	0.51	•	•	•	0.01	•	•	•	8.17
10 - 12 sec	•	•	•	•	•	•	1.00	16.71	6.97	•	•	•	•	•	•	•	24.69
12 - 14 sec	•	•	•	•	•	•	0.07	5.97	8.82	•	•	•	•	•	•	•	14.85
14 - 16 sec	•	•	•	•	•	•	•	2.21	6.96	•	•	•	•	•	•	•	9.17
18 - 20 sec	•	•	•	•	•	•	•	0.57	3.24	•	•	•	•	•	•	•	3.81
22 - 24 sec	•	•	•	•	•	•	•	•	0.99	•	•	•	•	•	•	•	0.99
Total	•	•	•	0.05	0.14	0.30	1.34	33.42	37.30	0.69	0.57	1.89	23.83	0.38	0.05	0.04	100.00

Petronas Oman Block 18 Climatological Wind Rose for March: 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	0.03	•	0.03	0.01	0.05	0.08	0.04	0.07	0.04	0.01	0.09	0.10	0.07	0.08	0.72
0 - 5 kts	0.56	0.57	0.69	0.82	0.75	0.70	0.74	0.82	0.92	1.22	1.12	1.42	1.18	1.34	1.16	0.90	14.92
5 - 10 kts	0.65	0.65	0.73	1.08	1.27	1.66	2.41	3.23	3.43	3.77	4.50	5.58	5.39	3.39	1.82	0.83	40.40
10 - 15 kts	0.23	0.14	0.17	0.42	0.60	0.65	1.47	1.80	1.74	1.52	3.19	6.10	7.43	3.34	1.01	0.55	30.36
15 - 20 kts	0.05	•	0.03	0.09	0.01	0.01	0.08	0.18	0.12	0.12	0.16	2.29	4.71	2.19	0.39	0.16	10.57
20 - 25 kts	•	0.01	0.01	•	•	•	•	0.01	•	0.01	•	0.21	1.60	0.70	0.10	0.01	2.68
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	0.03	0.20	0.08	•	0.01	0.31
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	0.03	0.01	•	•	0.04
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	1.50	1.40	1.65	2.41	2.67	3.04	4.75	6.11	6.26	6.71	9.00	15.63	20.62	11.16	4.55	2.54	100.00