

Petronas Oman Block 18 - February

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 2.5 days Range: 0.6 - 4.4 days p50:3 days p75:1.5 days p90:0.5 days
Wave Height > 5.0 ft Mean: 1.2 days Range: 0.0 - 2.6 days p50:2 days p75:0.5 days p90:0.5 days
Wave Height > 6.0 ft Mean: 0.7 days Range: 0.0 - 1.6 days p50:4 days p75:1 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 3.8 days Range: 1.6 - 5.9 days p50:4 days p75:2 days p90:1.5 days
Wind Speed > 20.0 knots Mean: 0.9 days Range: 0.0 - 2.0 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.2 days Range: 0.0 - 0.4 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 2.7 times per month A 2 day or longer window will statistically occur 2.4 times per month A 3 day or longer window will statistically occur 2.1 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 1.9 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 1.3 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 1.1 times per month

Waves

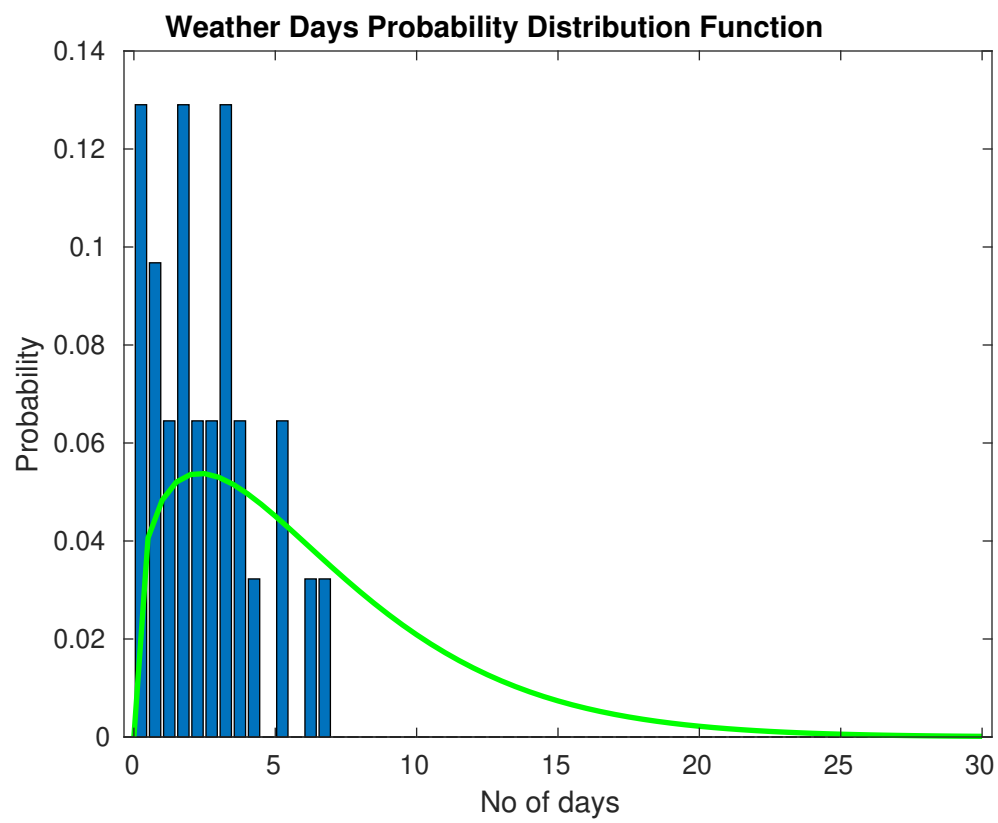
Mean Height: 1 - 2 ft
The wave heights will occasionally reach 6 - 8 ft, but rarely higher.
Mean Period: 8 - 10 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 19% / 81%

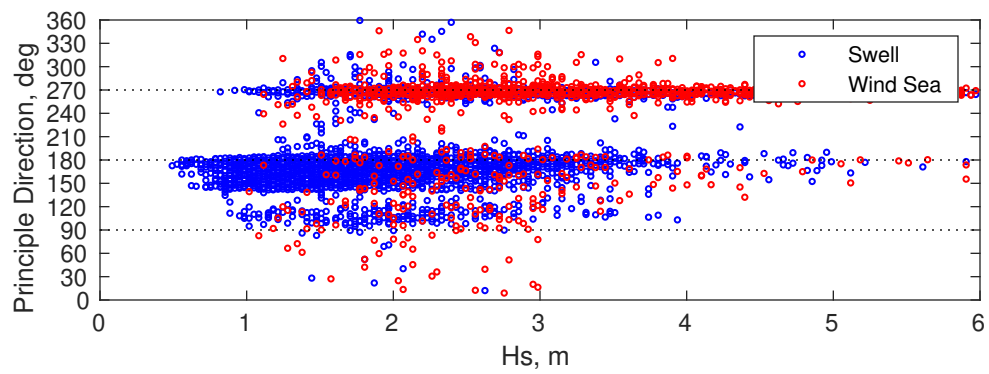
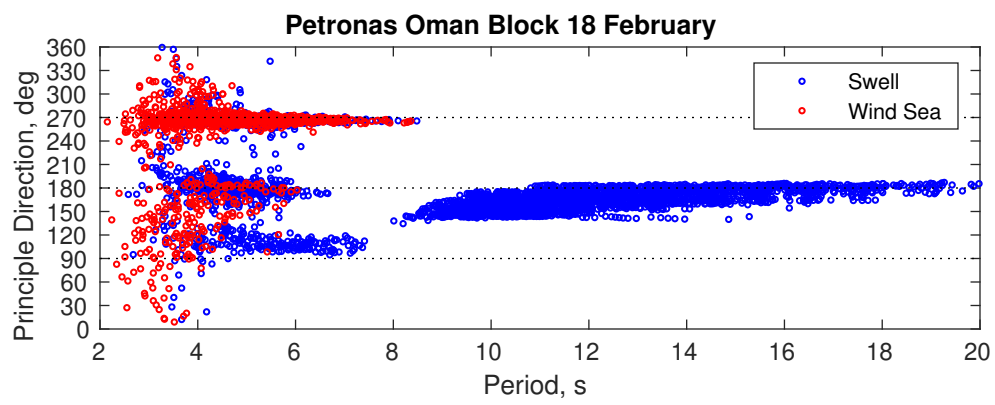
Winds

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

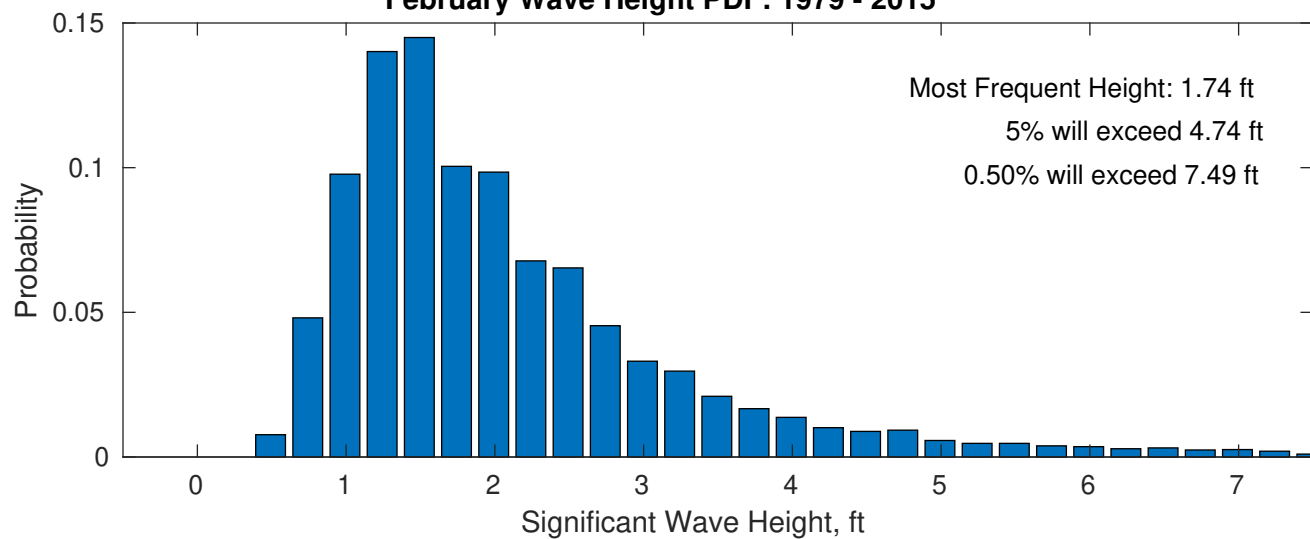
Severe Storms

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

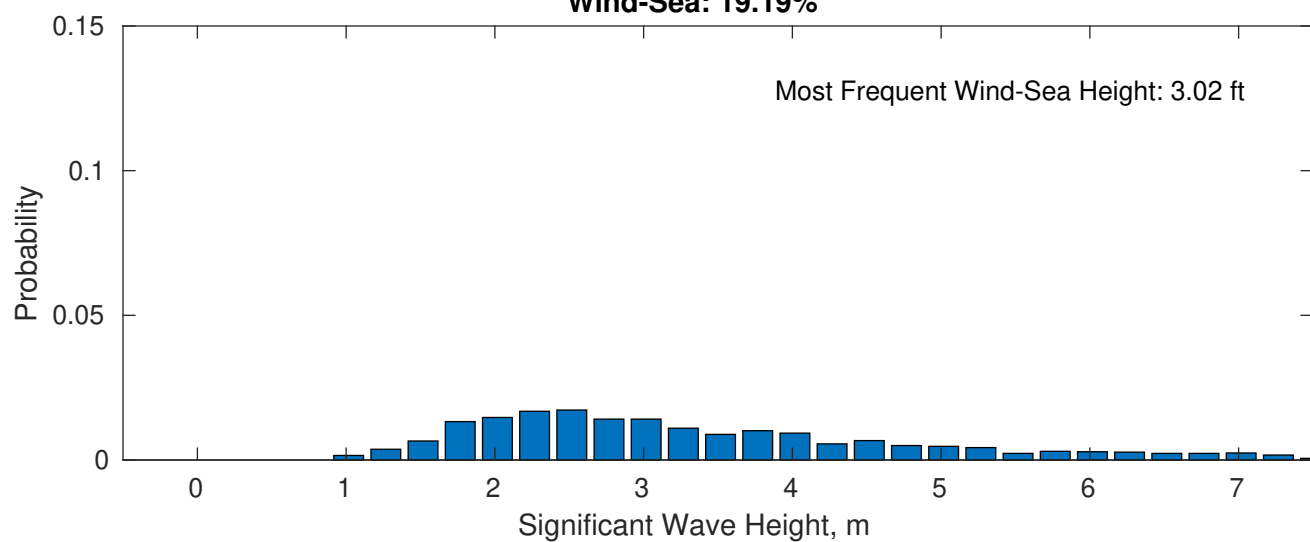




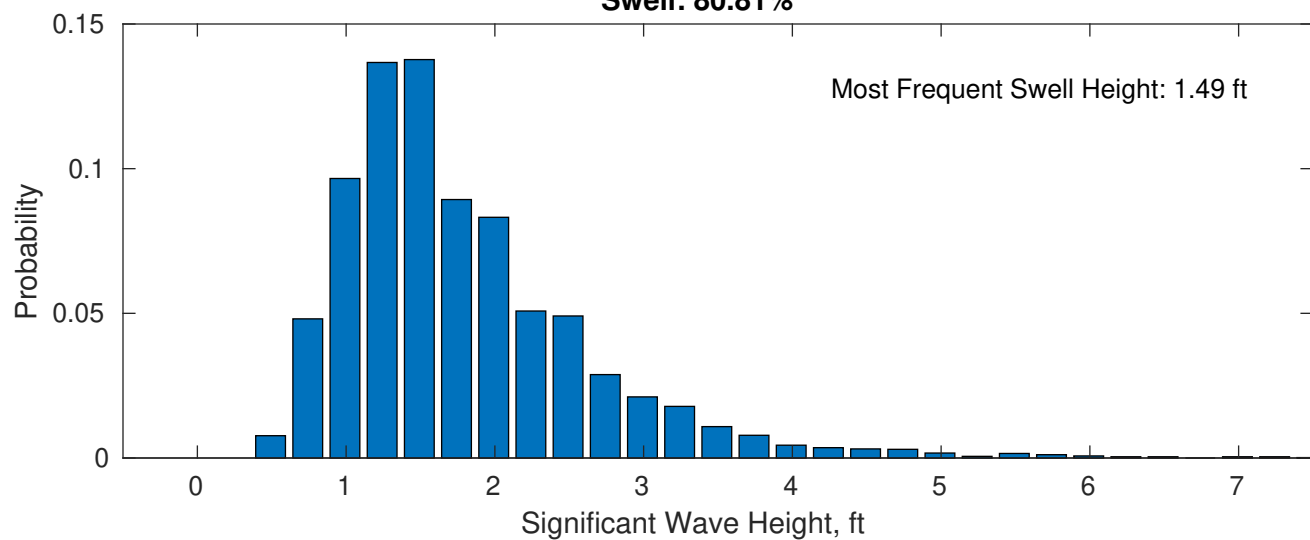
February Wave Height PDF: 1979 - 2015



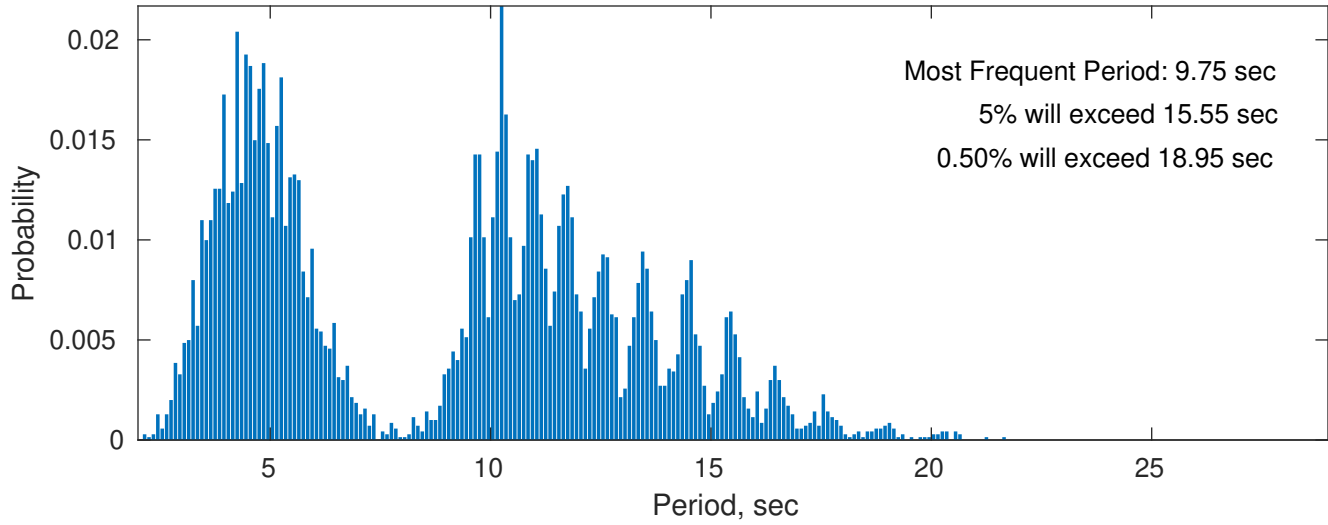
Wind-Sea: 19.19%



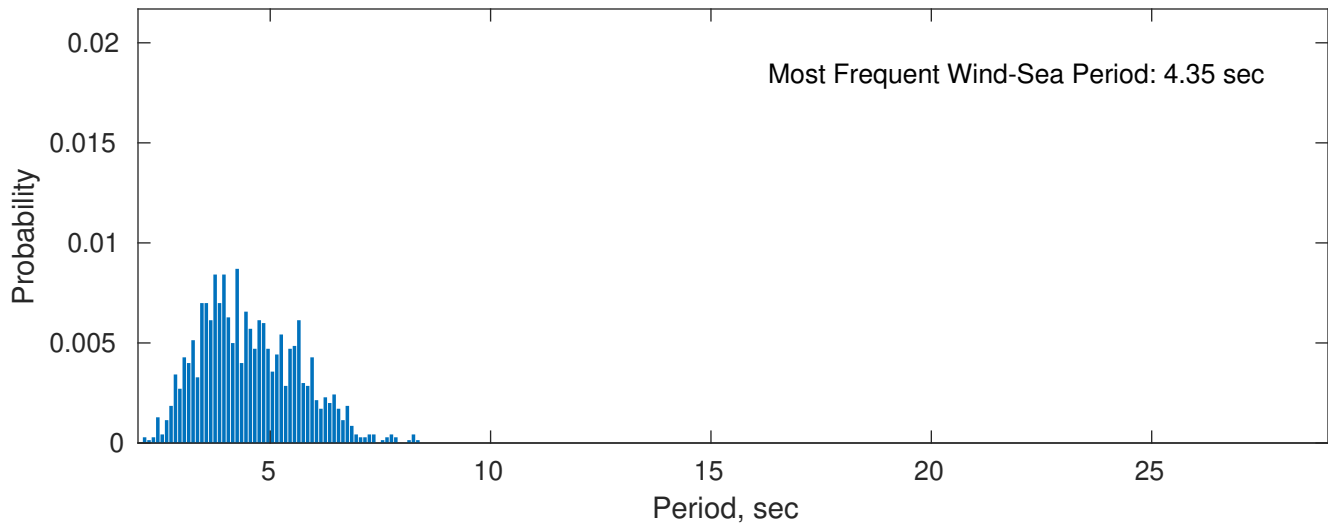
Swell: 80.81%



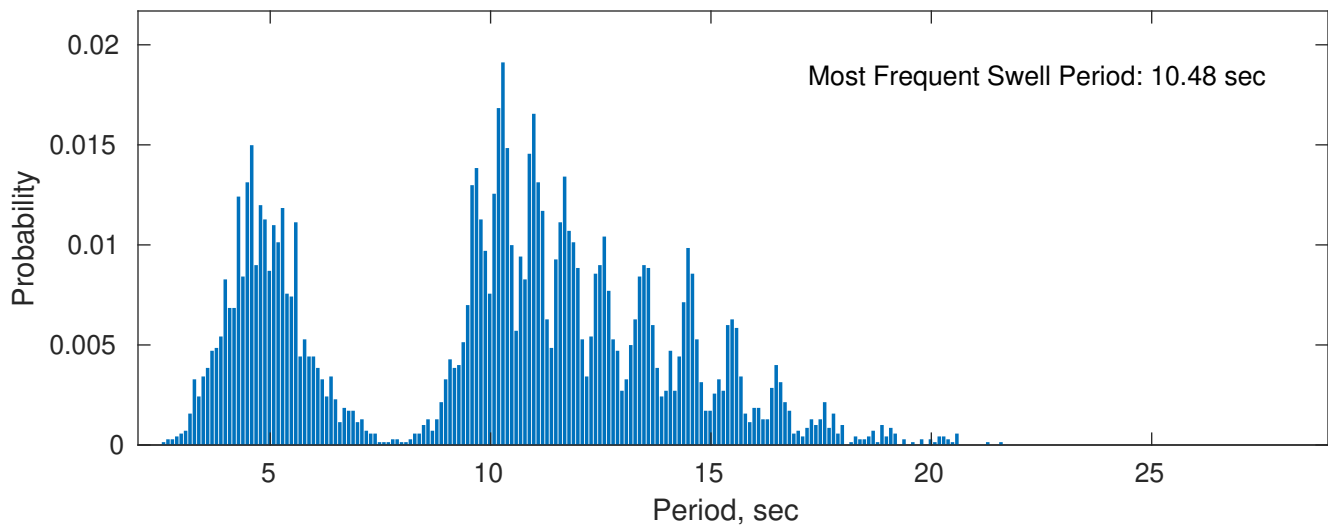
February Peak Wave Period PDF: 1979 - 2015



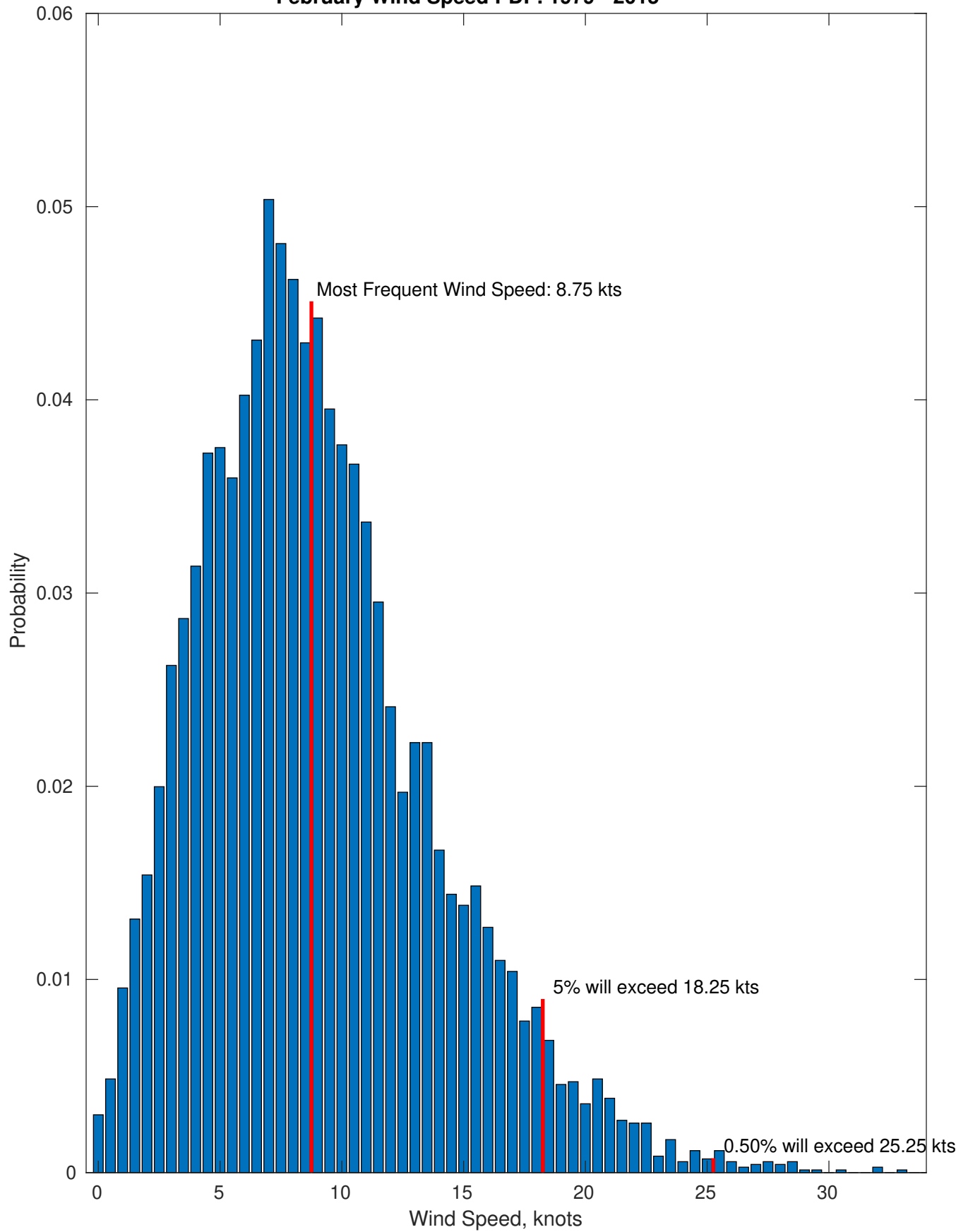
Wind-Sea: 19.19%



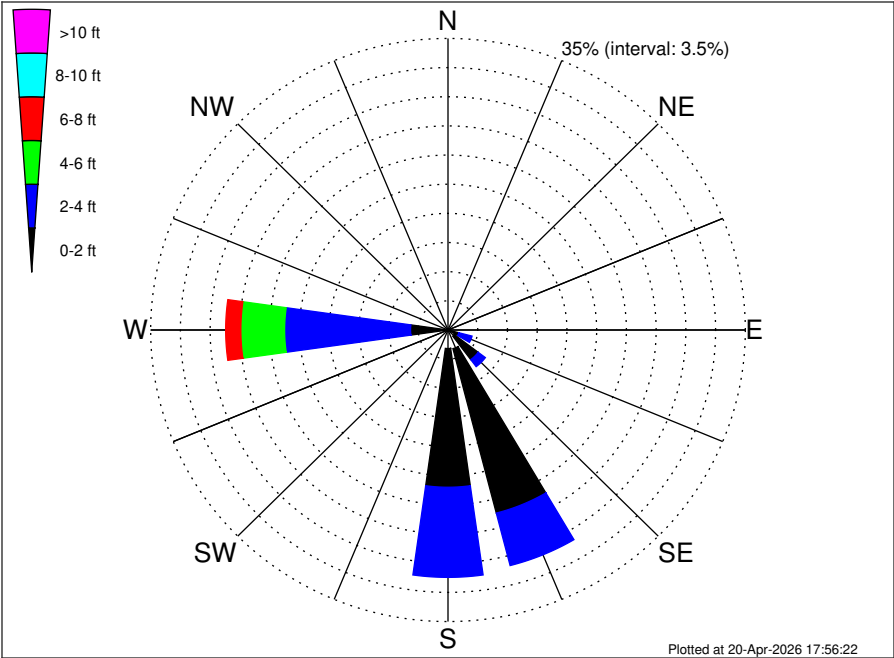
Swell: 80.81%



February Wind Speed PDF: 1979 - 2015



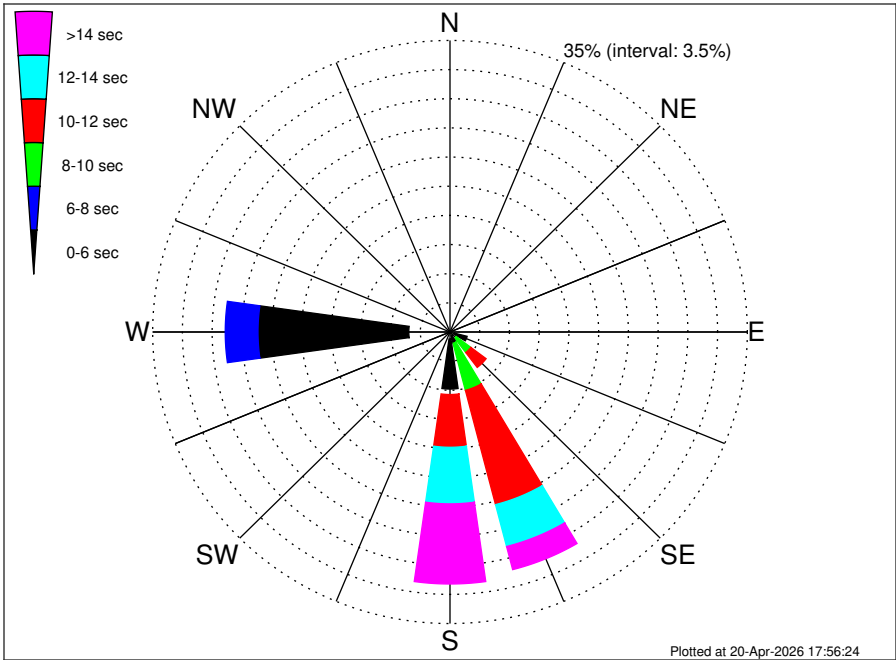
Petronas Oman Block 18 Climatological WaveHeight Rose for February: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	0.07	0.93	2.31	2.23	•	•	•	0.04	•	•	•	5.58
1 - 2 ft	0.01	0.04	0.04	0.10	0.49	1.24	3.52	20.39	16.65	0.43	0.19	0.40	4.37	0.33	0.11	0.01	48.33
2 - 4 ft	0.03	0.10	0.07	0.06	0.27	1.61	1.06	6.51	10.82	0.49	0.10	0.77	14.83	0.71	0.23	0.10	37.74
4 - 6 ft	•	•	•	•	•	•	0.03	0.24	0.51	•	0.01	0.14	5.15	•	•	•	6.09
6 - 8 ft	•	•	•	•	•	•	•	0.01	0.04	•	•	•	1.78	•	•	•	1.84
8 - 10 ft	•	•	•	•	•	•	•	•	•	•	•	•	0.31	•	•	•	0.31
10 - 12 ft	•	•	•	•	•	•	•	•	•	•	•	•	0.09	•	•	•	0.09
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	0.01	•	•	•	0.01
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.04	0.14	0.11	0.16	0.76	2.93	5.54	29.47	30.25	0.91	0.30	1.31	26.58	1.04	0.34	0.11	100.00

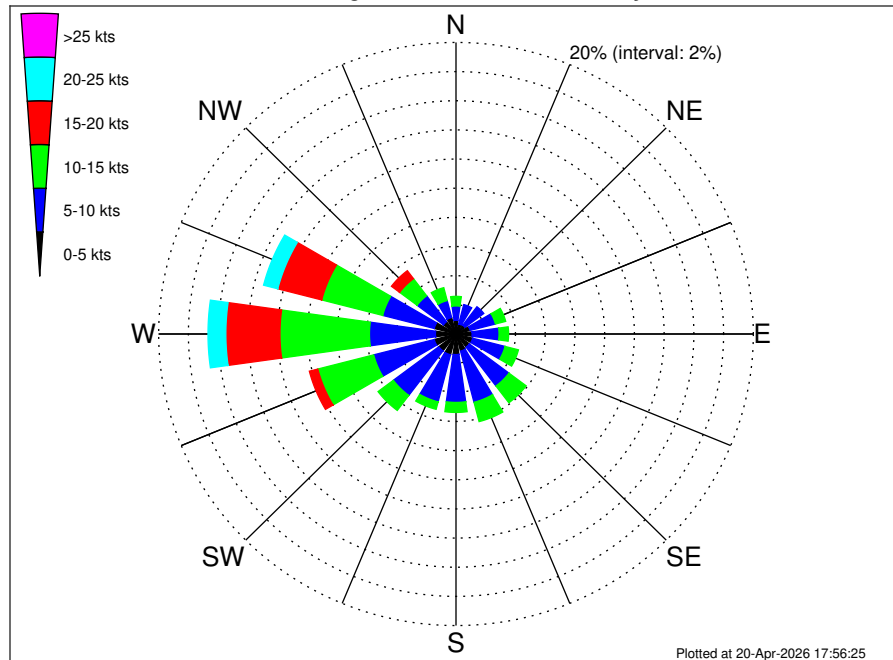
Petronas Oman Block 18 Climatological WavePeriod Rose for February: 1979 - 2015



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	0.04	0.13	0.11	0.13	0.31	0.54	0.49	0.47	0.84	0.36	0.24	0.63	4.85	0.59	0.21	0.10	10.05
4 - 6 sec	•	0.01	•	0.03	0.24	1.54	0.44	0.93	6.01	0.56	0.04	0.67	17.75	0.46	0.13	0.01	28.82
6 - 8 sec	•	•	•	•	0.20	0.84	•	•	0.17	•	0.01	0.01	3.85	•	•	•	5.09
8 - 10 sec	•	•	•	•	•	•	2.15	5.84	0.49	•	•	•	0.13	•	•	•	8.60
10 - 12 sec	•	•	•	•	•	•	2.24	14.17	6.34	•	•	•	•	•	•	•	22.75
12 - 14 sec	•	•	•	•	•	•	0.19	5.19	6.79	•	•	•	•	•	•	•	12.17
14 - 16 sec	•	•	•	•	•	•	0.03	2.43	5.98	•	•	•	•	•	•	•	8.43
18 - 20 sec	•	•	•	•	•	•	•	0.44	2.70	•	•	•	•	•	•	•	3.14
22 - 24 sec	•	•	•	•	•	•	•	•	0.94	•	•	•	•	•	•	•	0.94
Total	0.04	0.14	0.11	0.16	0.76	2.93	5.54	29.47	30.25	0.91	0.30	1.31	26.58	1.04	0.34	0.11	100.00

Petronas Oman Block 18 Climatological Wind Rose for February: 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	0.07	0.01	0.03	0.03	0.04	0.07	0.04	0.03	0.07	0.06	0.03	0.07	0.10	0.07	0.03	0.78
0 - 5 kts	0.91	0.64	0.74	0.96	1.06	1.11	1.06	1.17	1.38	1.40	1.40	1.48	1.31	1.41	0.98	1.14	18.16
5 - 10 kts	0.98	1.37	1.58	1.76	1.81	2.25	3.34	3.62	3.28	3.34	3.82	4.21	4.44	3.58	2.23	1.20	42.82
10 - 15 kts	0.66	0.47	0.46	0.71	0.64	0.93	1.44	1.37	0.68	0.53	1.28	3.88	6.02	4.24	1.47	0.91	25.70
15 - 20 kts	0.29	0.04	0.06	0.01	0.09	0.07	0.11	0.20	0.07	0.07	0.06	0.59	3.64	3.05	0.68	0.50	9.53
20 - 25 kts	0.03	.	.	0.01	.	.	.	0.01	.	.	.	0.04	1.20	0.98	0.10	0.06	2.44
25 - 30 kts	.	.	.	.	.	.	.	.	.	.	.	.	0.23	0.27	.	.	0.50
30 - 35 kts	.	.	.	.	.	.	.	.	.	.	.	.	0.03	0.03	.	.	0.06
35 - 40 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40 - 45 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
45 - 50 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	2.90	2.60	2.85	3.48	3.62	4.41	6.02	6.42	5.45	5.41	6.62	10.23	16.94	13.67	5.54	3.84	100.00