

Petronas Oman Block 18 - November

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 0.2 days Range: 0.0 - 0.8 days p50:30 days p75:2 days p90:0.5 days
Wave Height > 5.0 ft Mean: 0.1 days Range: 0.0 - 0.4 days p50:30 days p75:30 days p90:1.5 days
Wave Height > 6.0 ft Mean: 0.0 days Range: 0.0 - 0.2 days p50:30 days p75:30 days p90:30 days

Wind Speed > 15.0 knots Mean: 0.7 days Range: 0.0 - 1.4 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 20.0 knots Mean: 0.0 days Range: 0.0 - 0.2 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.0 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 1.3 times per month A 2 day or longer window will statistically occur 1.2 times per month A 3 day or longer window will statistically occur 1.2 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 1.0 times per month A 2 day or longer window will statistically occur 1.0 times per month A 3 day or longer window will statistically occur 1.0 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 0.9 times per month A 2 day or longer window will statistically occur 0.9 times per month A 3 day or longer window will statistically occur 0.9 times per month

Waves

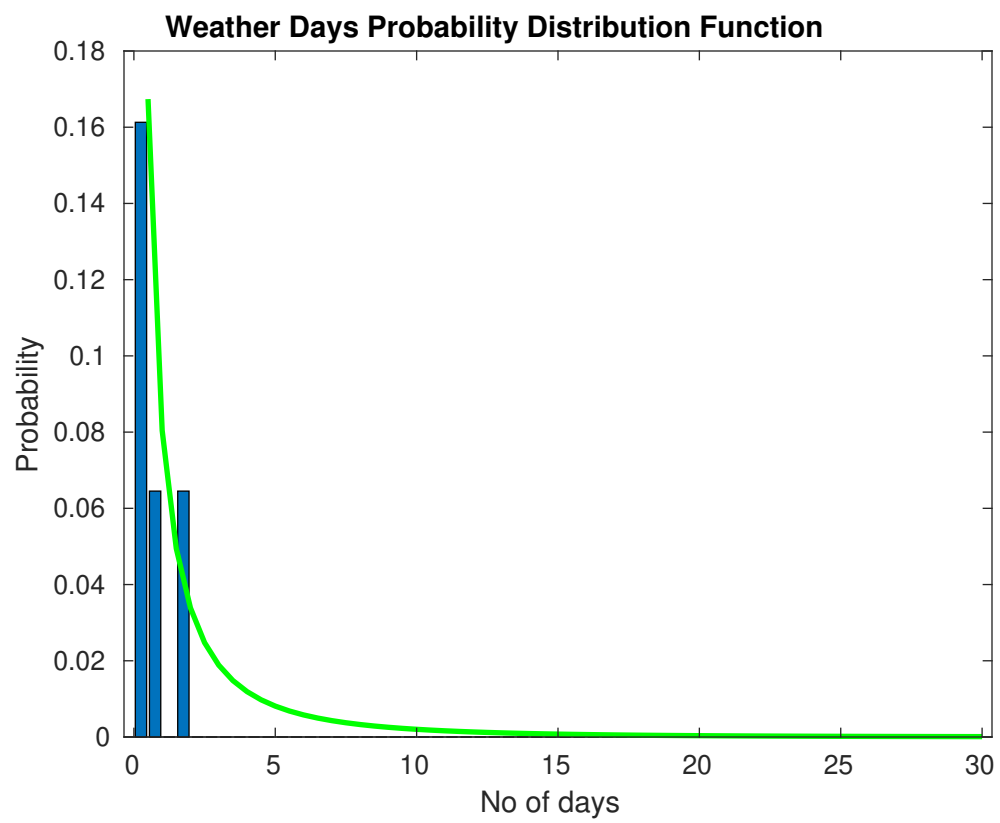
Mean Height: 1 - 2 ft
The wave heights will occasionally reach 4 - 6 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: SSE
WindSea/Swell: 4% / 96%

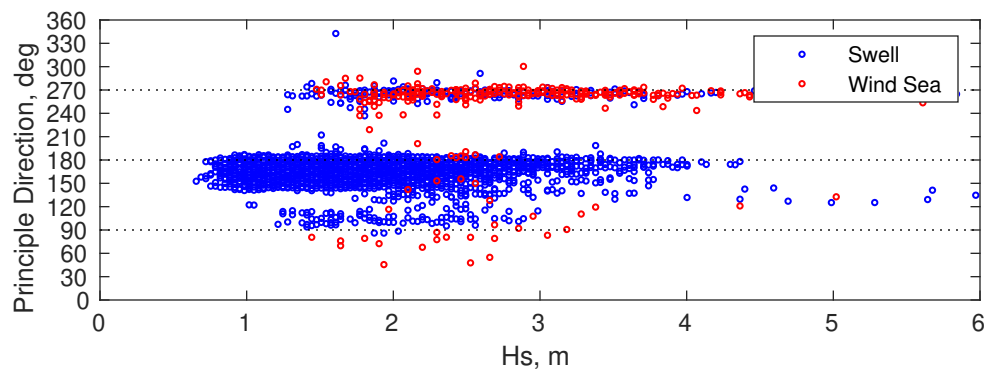
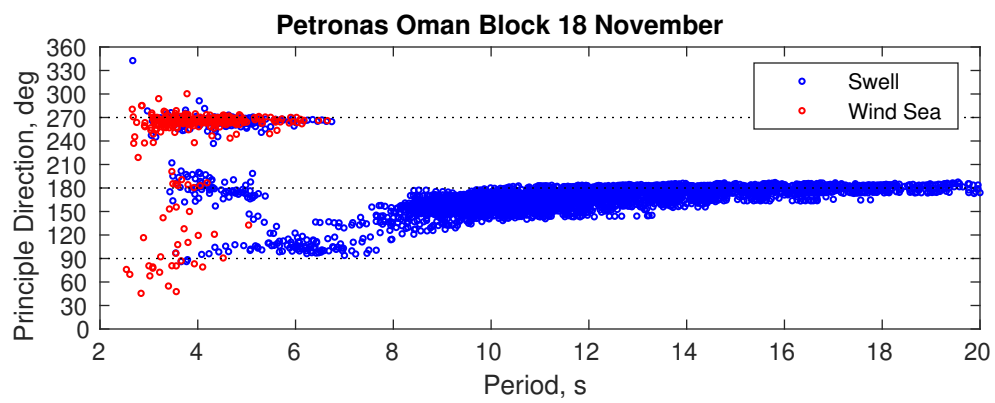
Winds

Mean Speed: 5 - 10 kts
The winds will occasionally reach 15 - 20 kts, but rarely greater.
Principle Direction, from: W

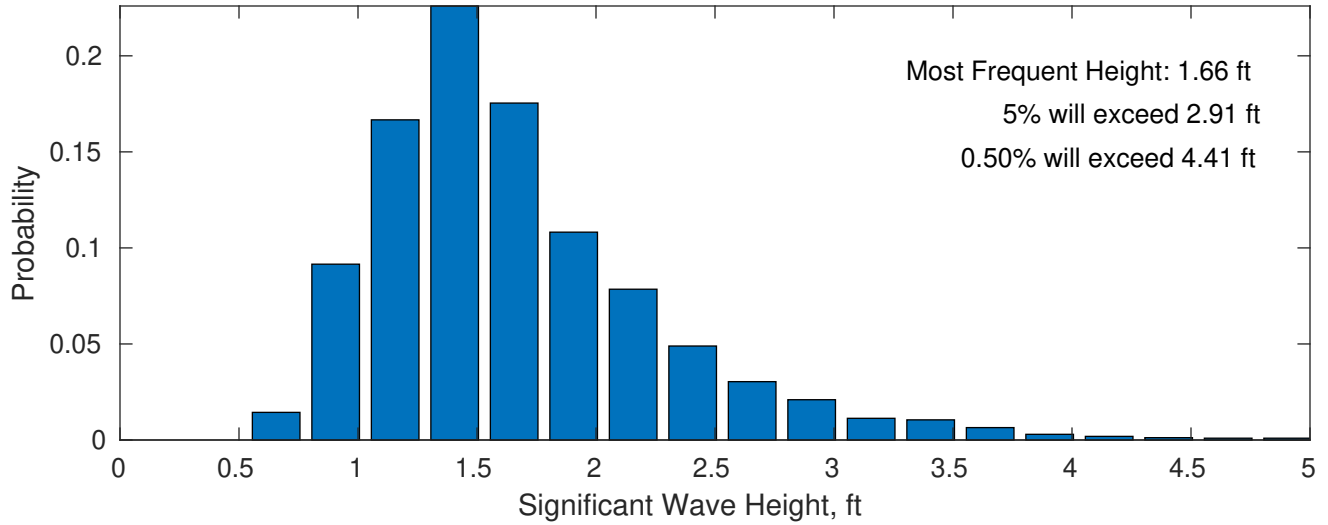
Severe Storms

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

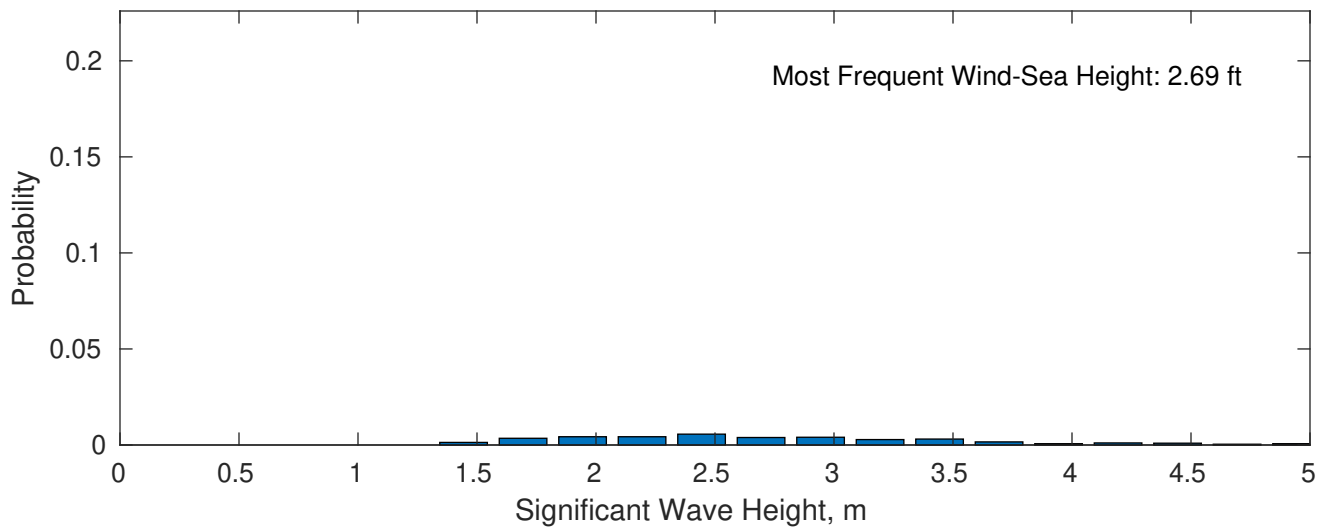




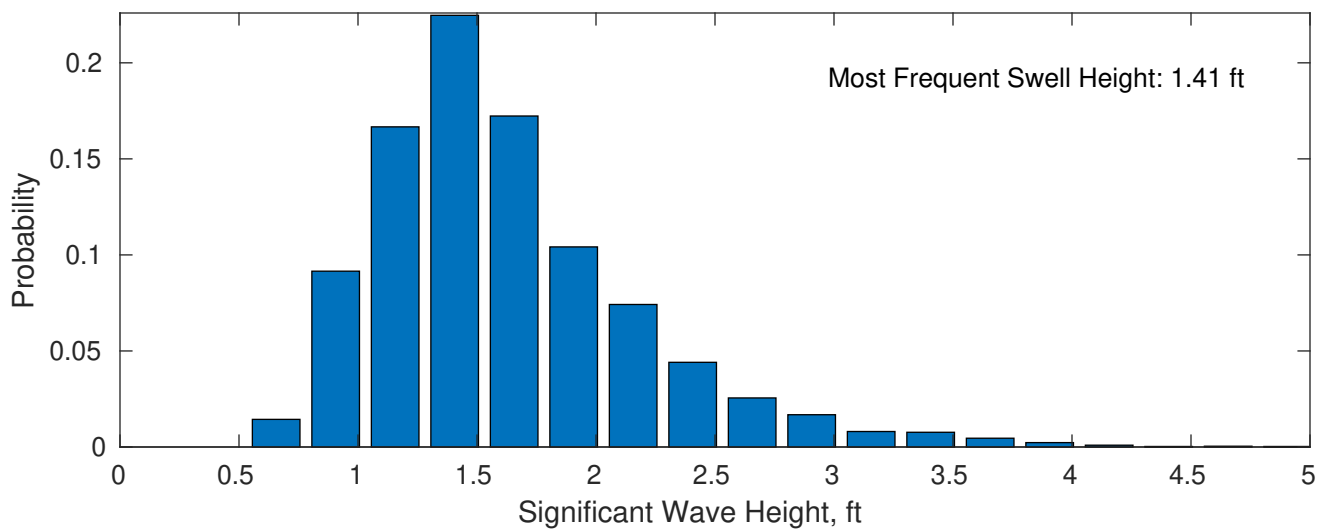
November Wave Height PDF: 1979 - 2015



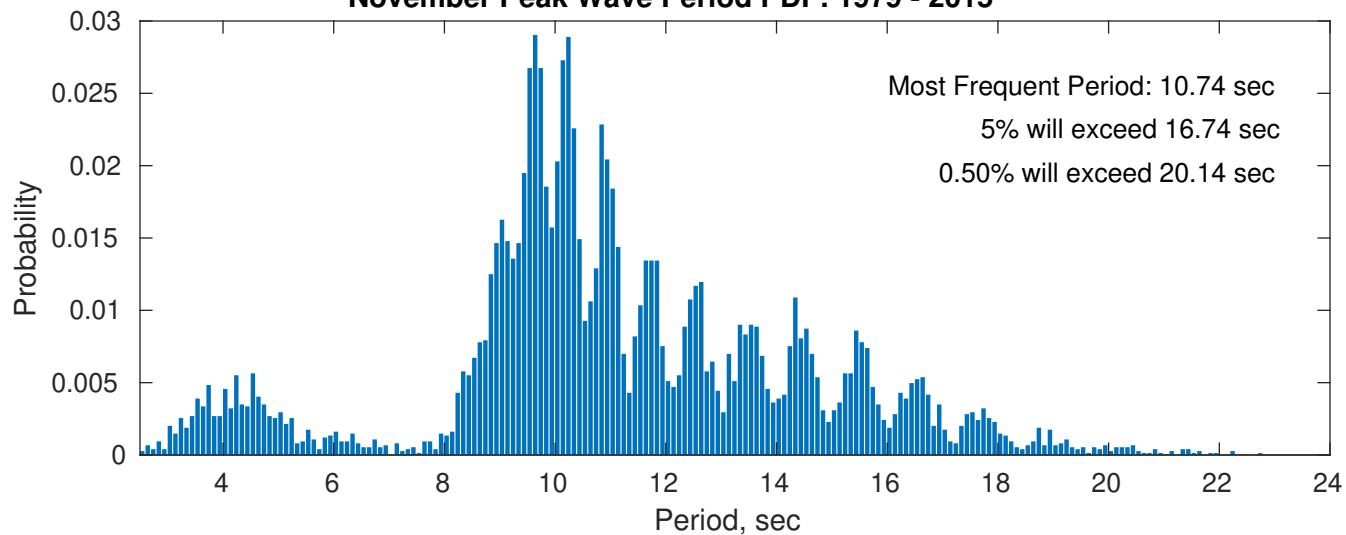
Wind-Sea: 3.97%



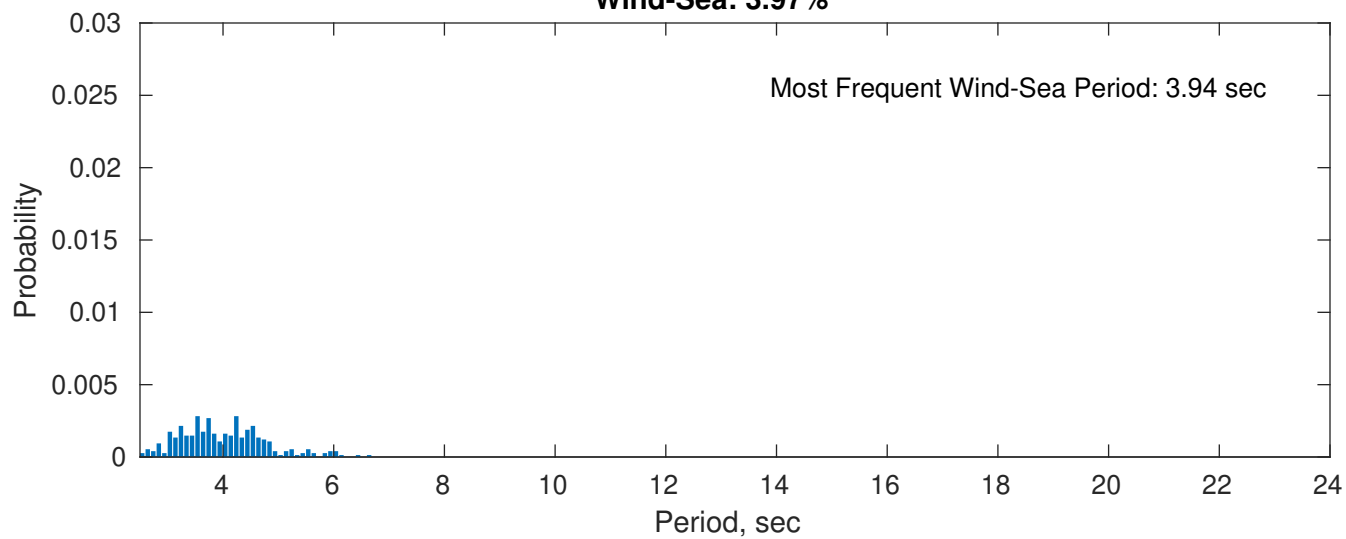
Swell: 96.03%



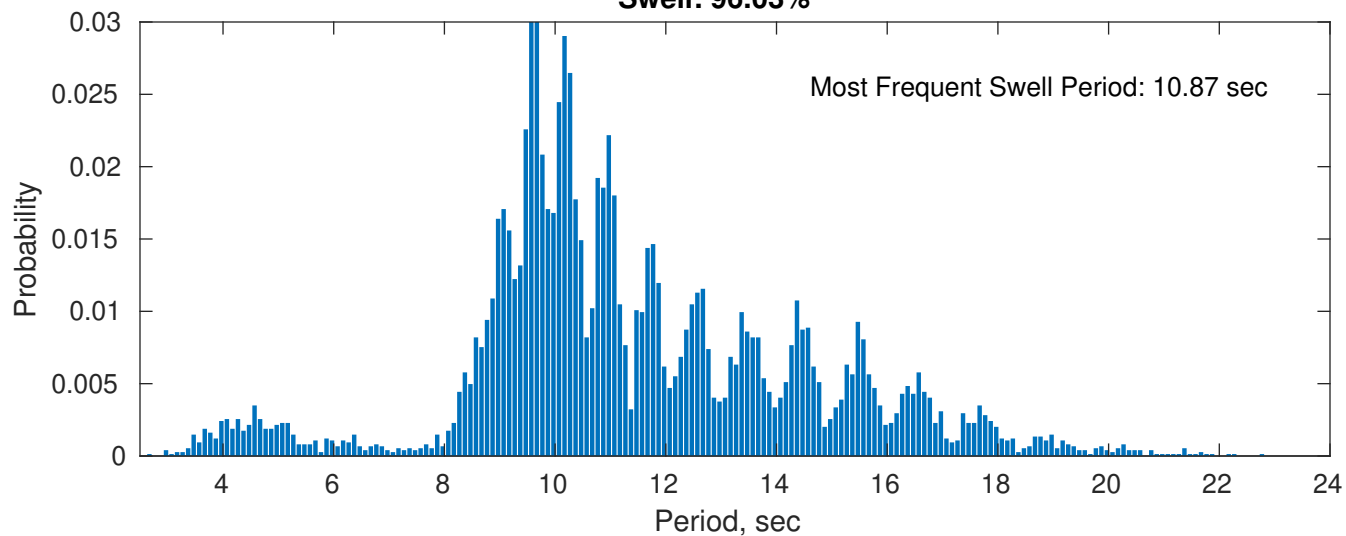
November Peak Wave Period PDF: 1979 - 2015



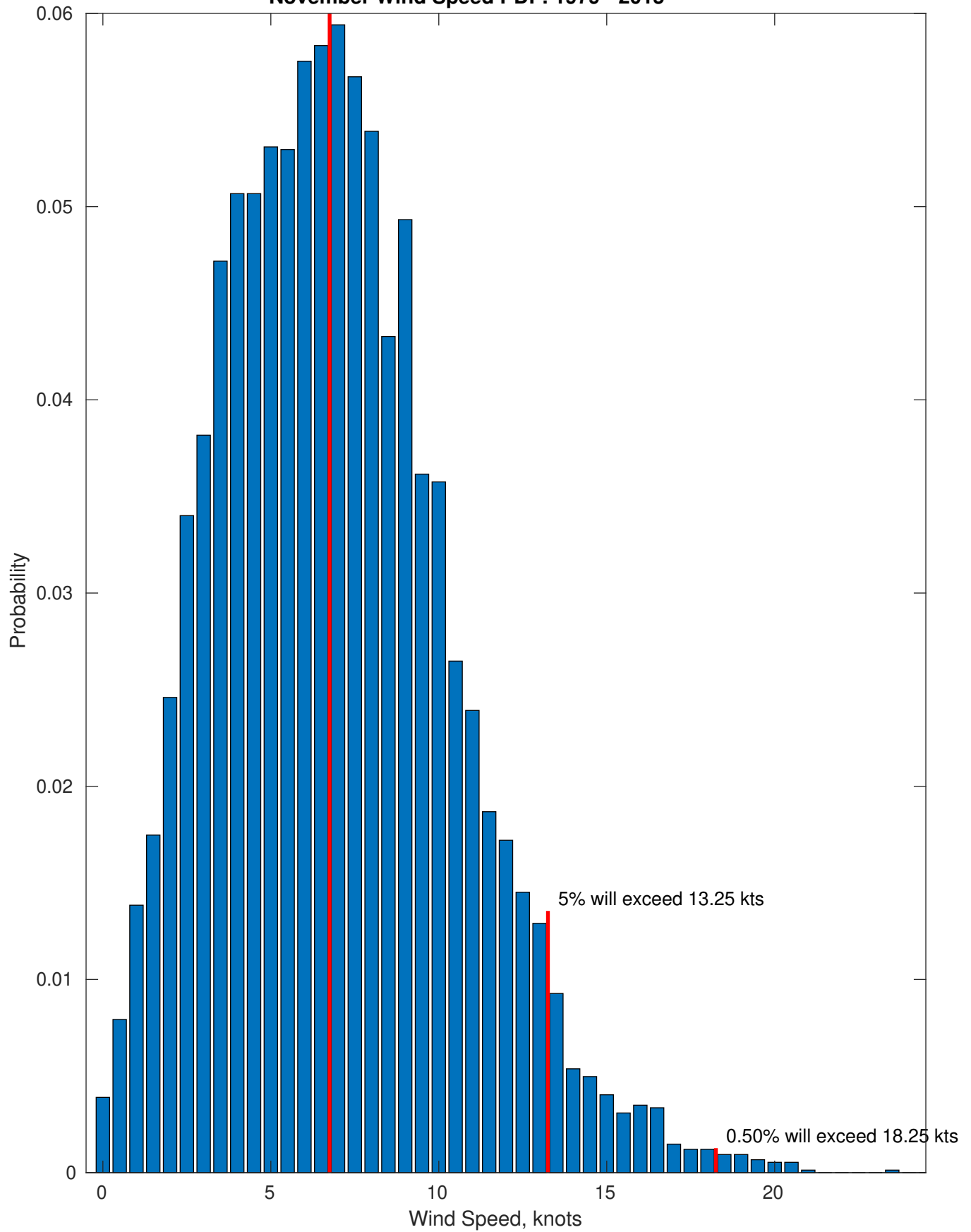
Wind-Sea: 3.97%



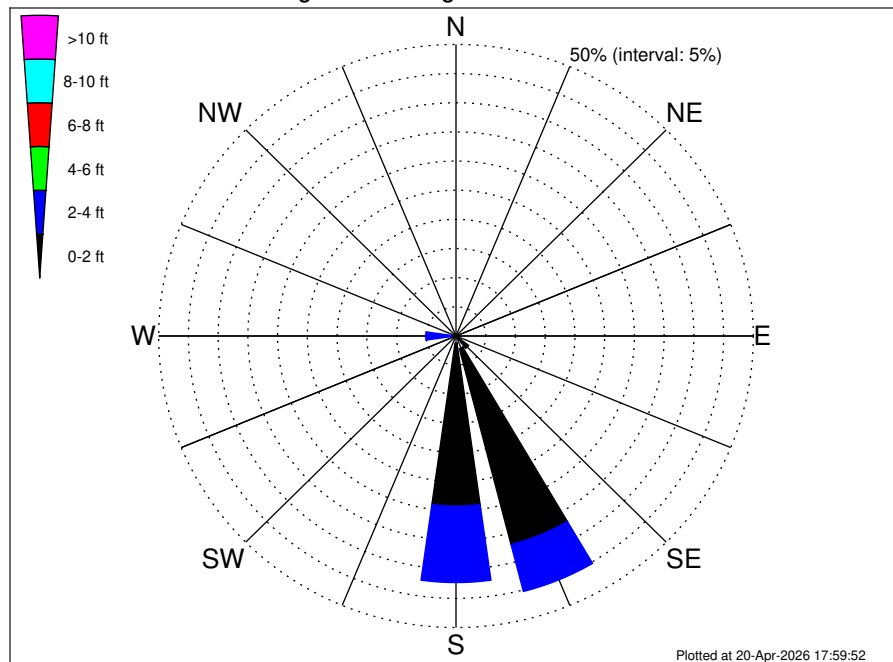
Swell: 96.03%



Most Frequent Wind Speed: 6.75 kts
November Wind Speed PDF: 1979 - 2015



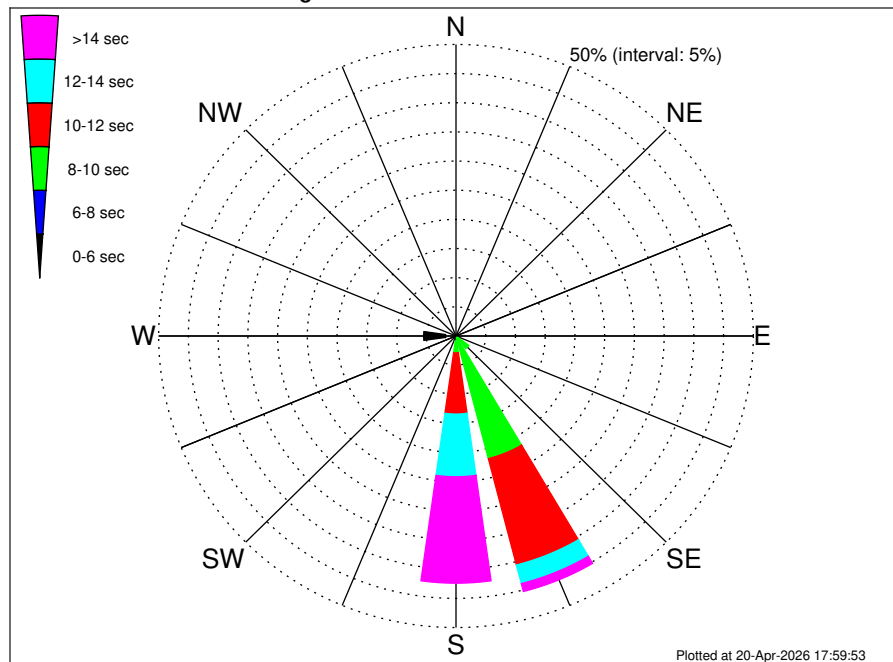
Petronas Oman Block 18 Climatological WaveHeight Rose for November: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	0.27	2.22	1.25	•	•	•	•	•	•	•	3.74
1 - 2 ft	•	•	0.01	0.04	0.31	0.54	2.41	34.70	27.92	0.16	0.01	0.28	0.85	0.03	•	0.01	67.27
2 - 4 ft	•	•	0.03	0.03	0.26	0.48	1.10	8.33	13.12	0.03	•	0.38	4.25	0.05	•	•	28.05
4 - 6 ft	•	•	•	•	•	0.01	0.15	•	0.11	•	•	0.03	0.51	•	•	•	0.81
6 - 8 ft	•	•	•	•	•	•	0.08	•	•	•	•	•	0.05	•	•	•	0.13
8 - 10 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10 - 12 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	0.04	0.07	0.56	1.03	4.01	45.26	42.39	0.19	0.01	0.69	5.66	0.08	•	0.01	100.00

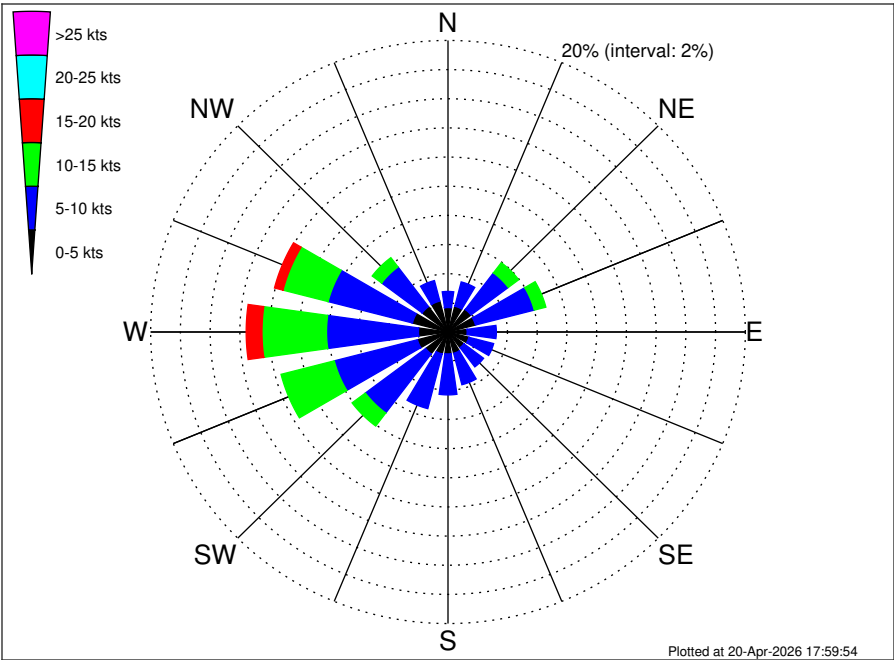
Petronas Oman Block 18 Climatological WavePeriod Rose for November: 1979 - 2015



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	0.07	0.16	0.04	0.03	0.08	0.19	0.12	0.01	0.36	1.77	0.05	•	0.01	2.94
4 - 6 sec	•	•	•	•	0.15	0.39	0.07	0.11	0.66	0.07	•	0.32	3.67	0.03	•	•	5.46
6 - 8 sec	•	•	•	•	0.26	0.58	0.40	0.09	•	•	•	•	0.22	•	•	•	1.55
8 - 10 sec	•	•	•	•	•	0.03	2.20	21.44	2.06	•	•	•	•	•	•	•	25.73
10 - 12 sec	•	•	•	•	•	•	1.20	18.84	10.48	•	•	•	•	•	•	•	30.52
12 - 14 sec	•	•	•	•	•	•	0.11	3.29	10.75	•	•	•	•	•	•	•	14.15
14 - 16 sec	•	•	•	•	•	•	•	1.16	10.20	•	•	•	•	•	•	•	11.36
18 - 20 sec	•	•	•	•	•	•	•	0.24	5.78	•	•	•	•	•	•	•	6.02
22 - 24 sec	•	•	•	•	•	•	•	•	2.27	•	•	•	•	•	•	•	2.27
Total	•	•	0.04	0.07	0.56	1.03	4.01	45.26	42.39	0.19	0.01	0.69	5.66	0.08	•	0.01	100.00

Petronas Oman Block 18 Climatological Wind Rose for November: 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	0.05	0.13	0.04	0.07	0.03	0.04	0.01	0.08	0.12	0.08	0.08	0.11	0.09	0.09	0.13	1.18
0 - 5 kts	1.67	1.77	1.80	1.87	1.22	1.42	1.30	1.49	1.42	1.44	1.80	2.04	1.88	2.38	2.08	2.06	27.66
5 - 10 kts	1.10	1.72	3.15	4.09	1.96	1.72	1.65	2.23	2.81	3.87	5.08	5.78	6.18	5.86	3.41	1.45	52.07
10 - 15 kts	0.07	0.19	0.87	0.81	0.30	0.23	0.30	0.20	0.26	0.40	1.12	3.70	4.34	3.13	0.79	0.22	16.91
15 - 20 kts	.	.	.	0.05	0.03	0.03	.	.	.	.	0.01	0.23	1.06	0.59	0.04	.	2.04
20 - 25 kts	.	.	.	.	.	0.01	.	.	.	.	.	0.01	0.09	0.01	.	.	0.13
25 - 30 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30 - 35 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35 - 40 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40 - 45 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
45 - 50 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	2.85	3.74	5.95	6.85	3.58	3.44	3.29	3.94	4.57	5.83	8.09	11.84	13.67	12.07	6.42	3.86	100.00