

Petronas Oman Block 18 - October

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 0.1 days Range: 0.0 - 0.5 days p50:30 days p75:30 days p90:30 days
Wave Height > 5.0 ft Mean: 0.0 days Range: 0.0 - 0.1 days p50:30 days p75:30 days p90:30 days
Wave Height > 6.0 ft Mean: 0.0 days Range: 0.0 - 0.0 days p50:30 days p75:30 days p90:30 days

Wind Speed > 15.0 knots Mean: 0.7 days Range: 0.1 - 1.2 days p50:1 days p75:0.5 days p90:0.5 days
Wind Speed > 20.0 knots Mean: 0.0 days Range: 0.0 - 0.0 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 1.1 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 < 5.0 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
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

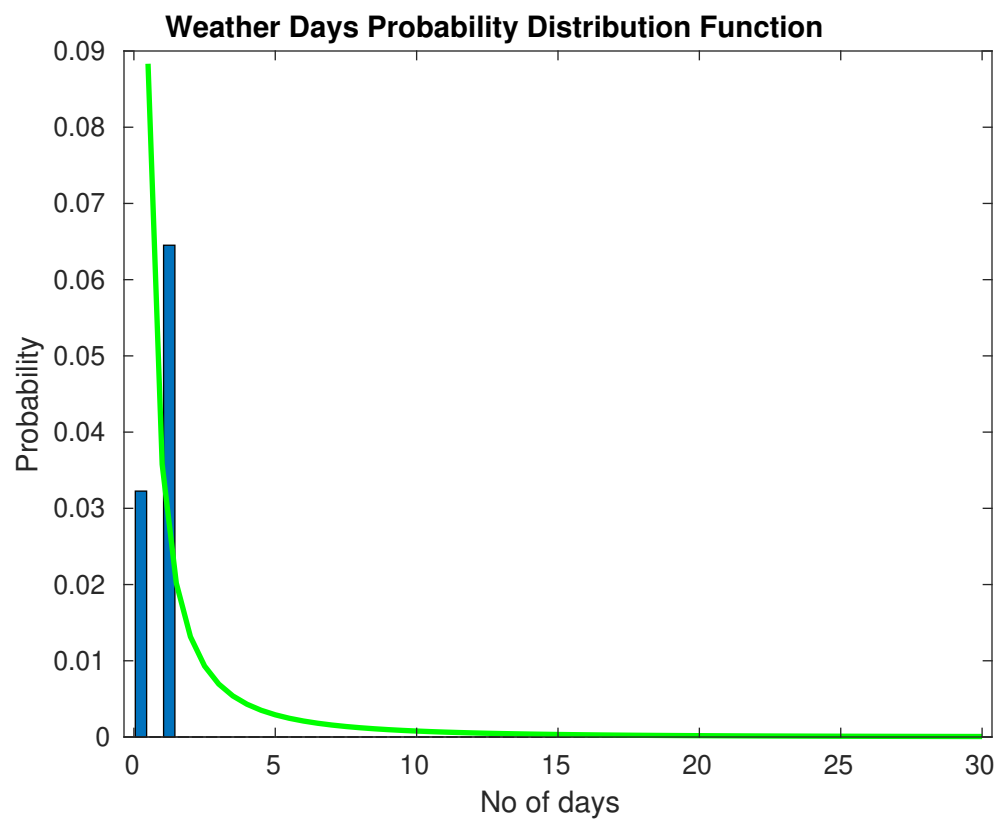
Mean Height: 2 - 4 ft
The wave heights will occasionally reach 4 - 6 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 1% / 99%

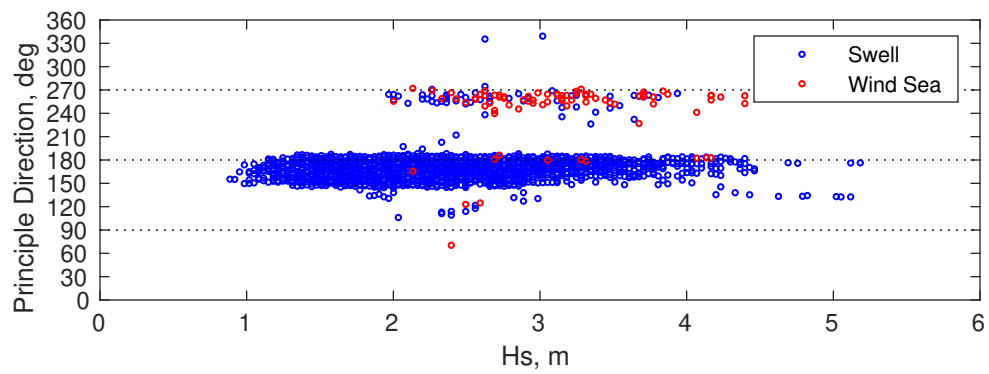
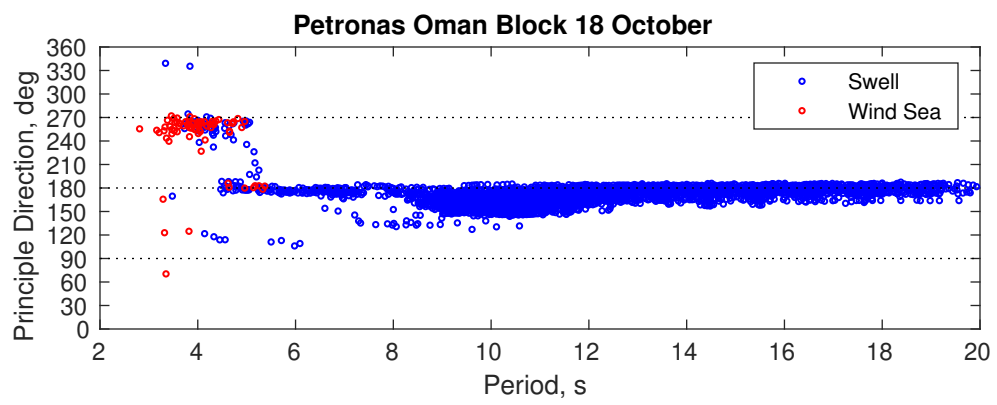
Winds

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

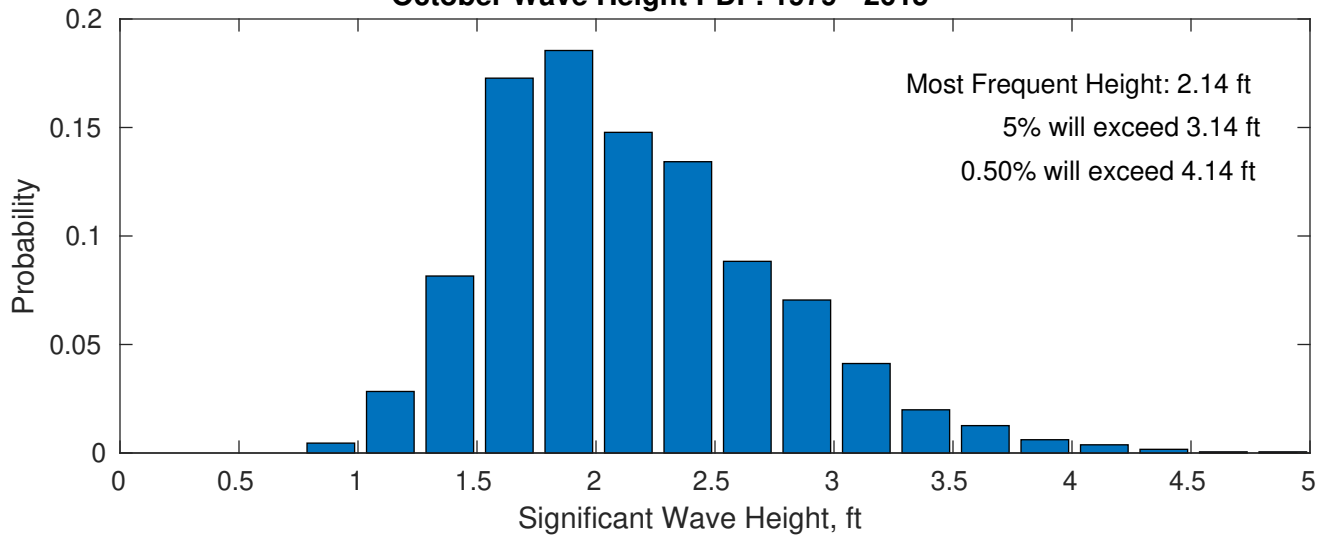
Severe Storms

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

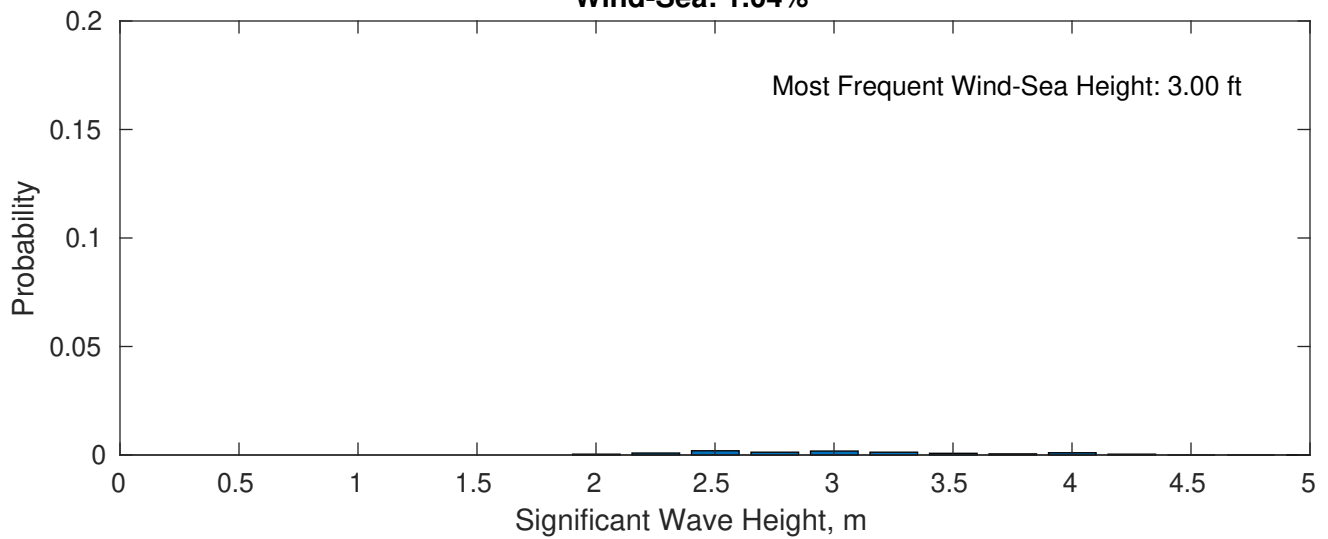




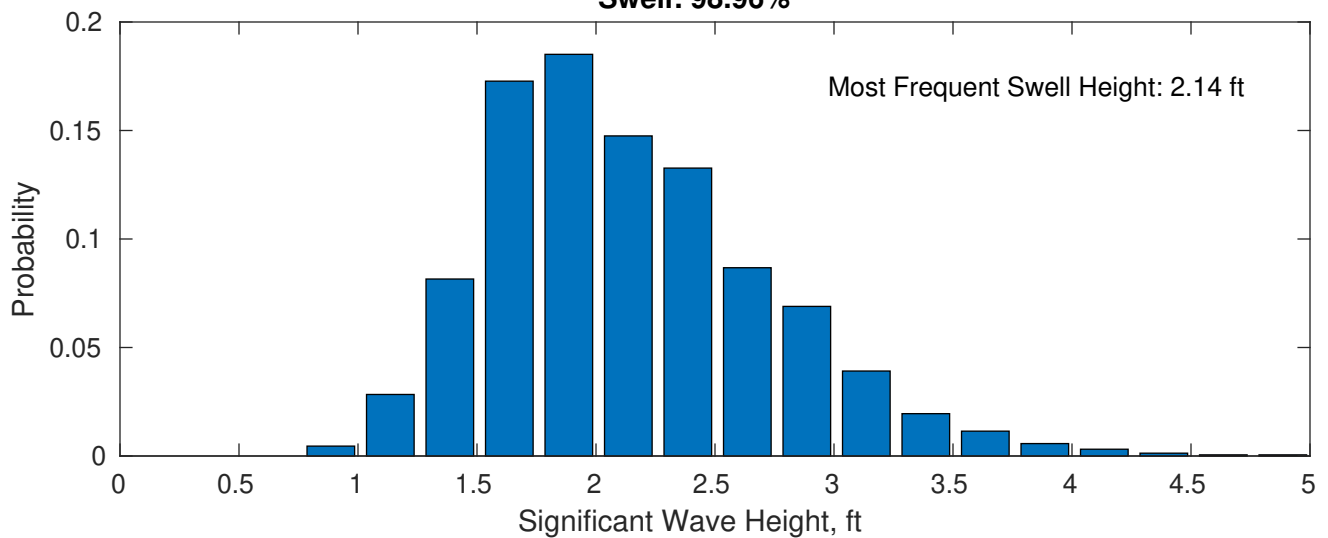
October Wave Height PDF: 1979 - 2015



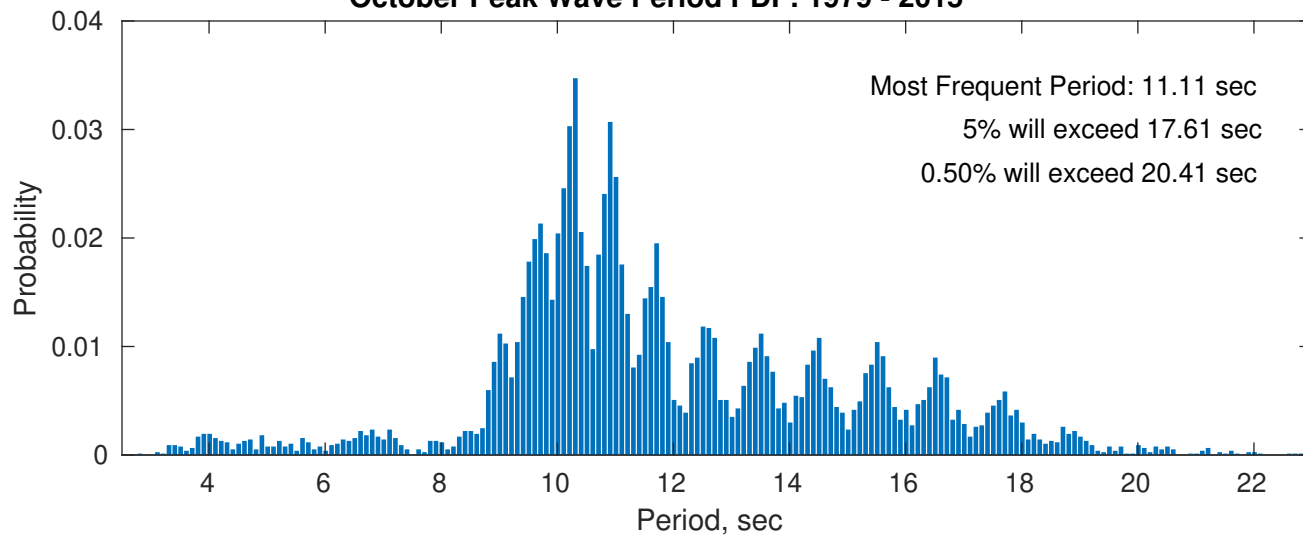
Wind-Sea: 1.04%



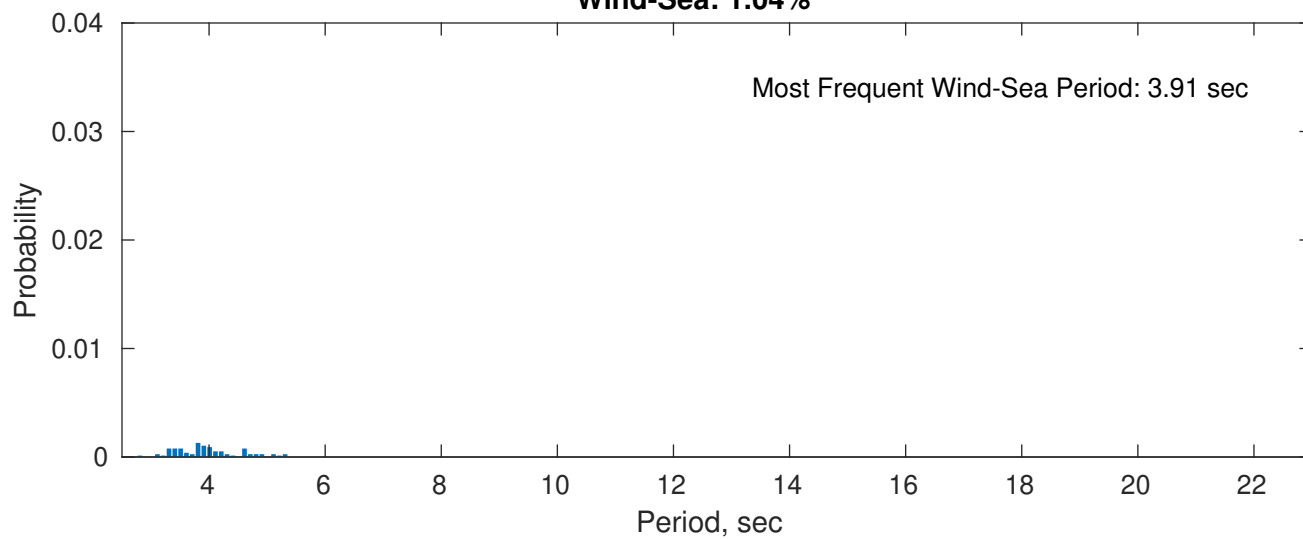
Swell: 98.96%



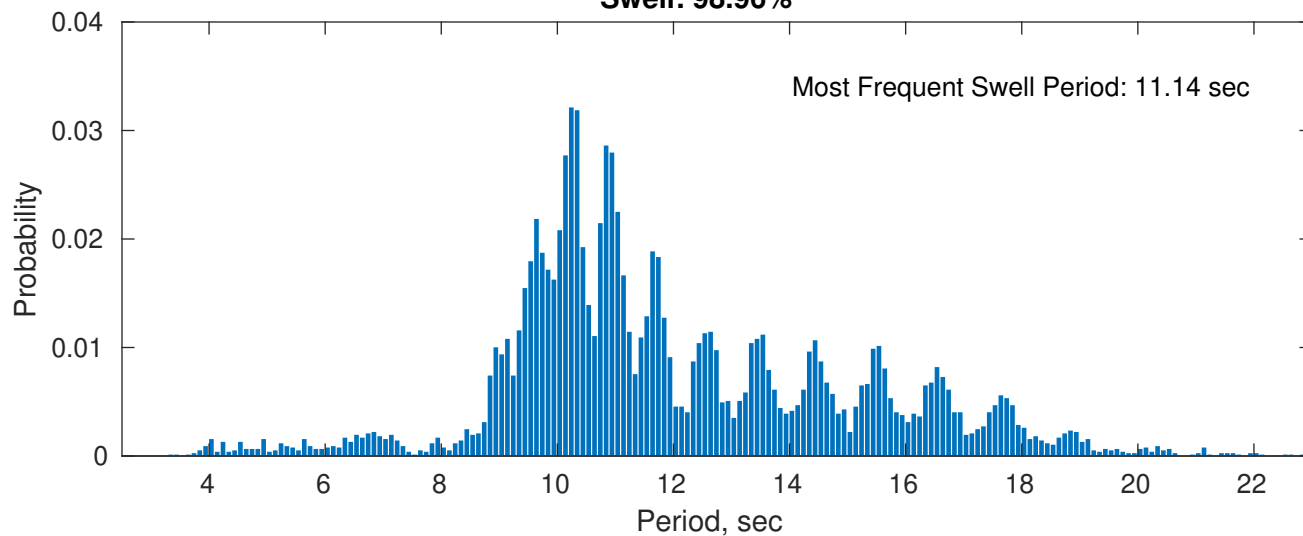
October Peak Wave Period PDF: 1979 - 2015



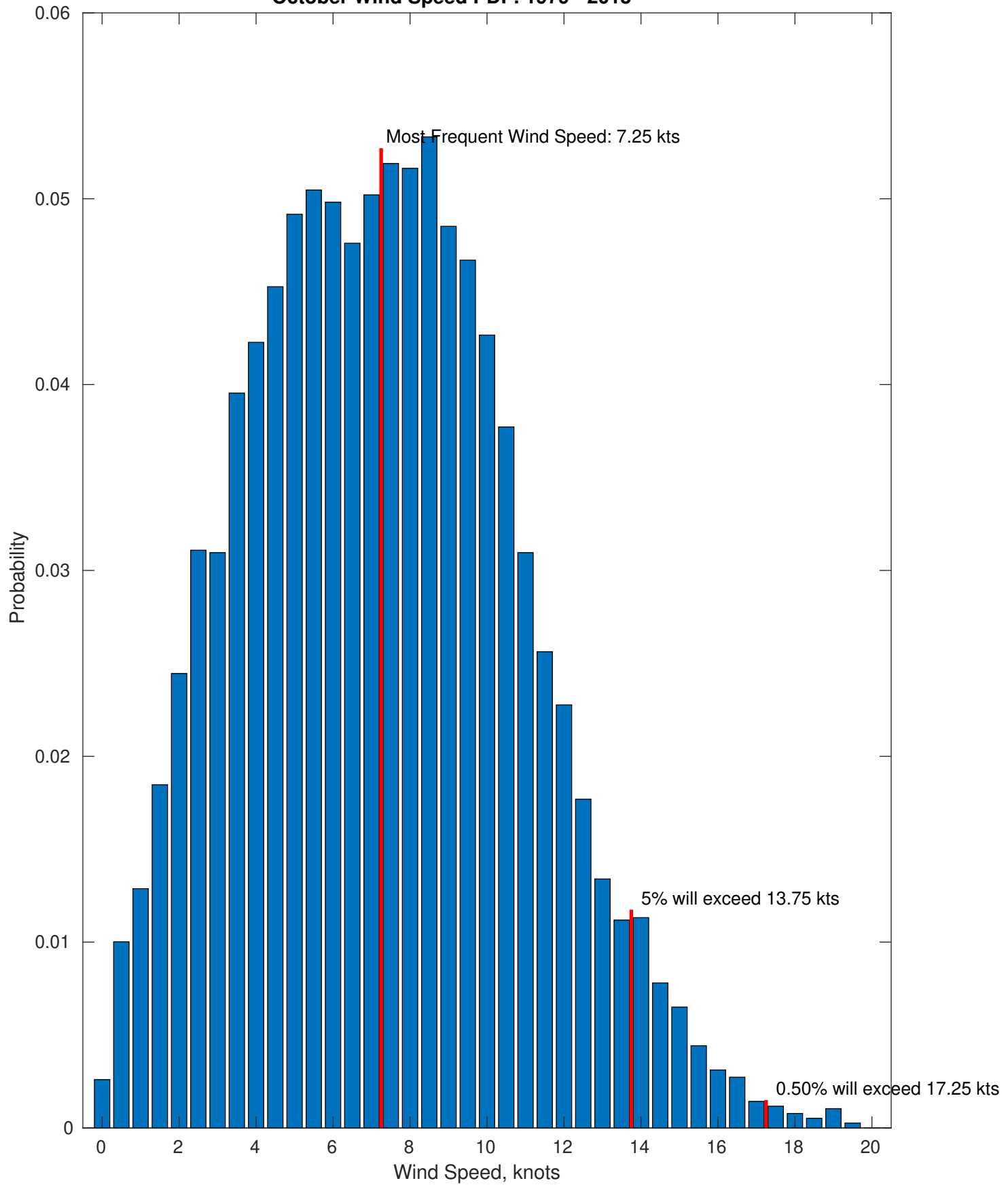
Wind-Sea: 1.04%



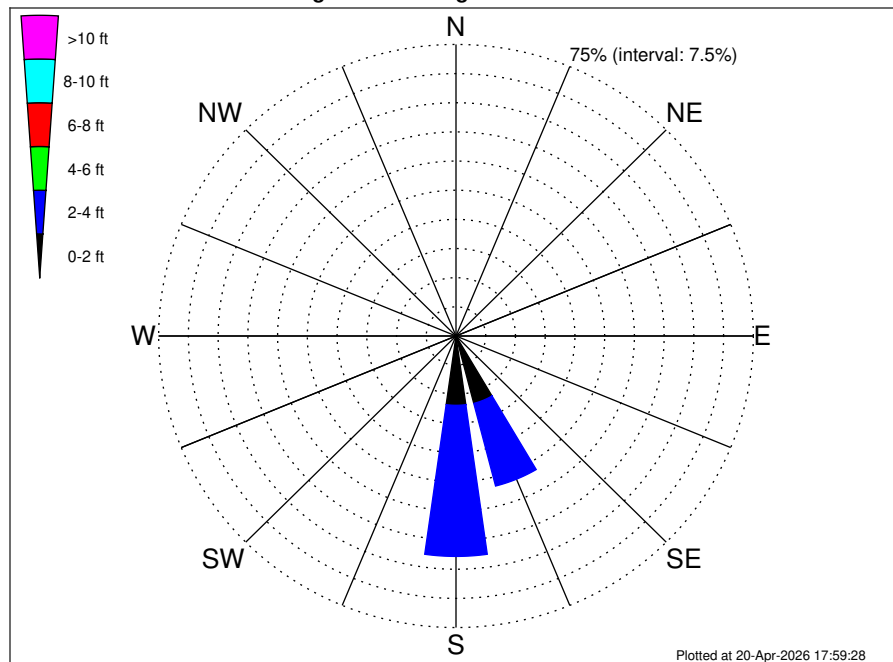
Swell: 98.96%



October Wind Speed PDF: 1979 - 2015



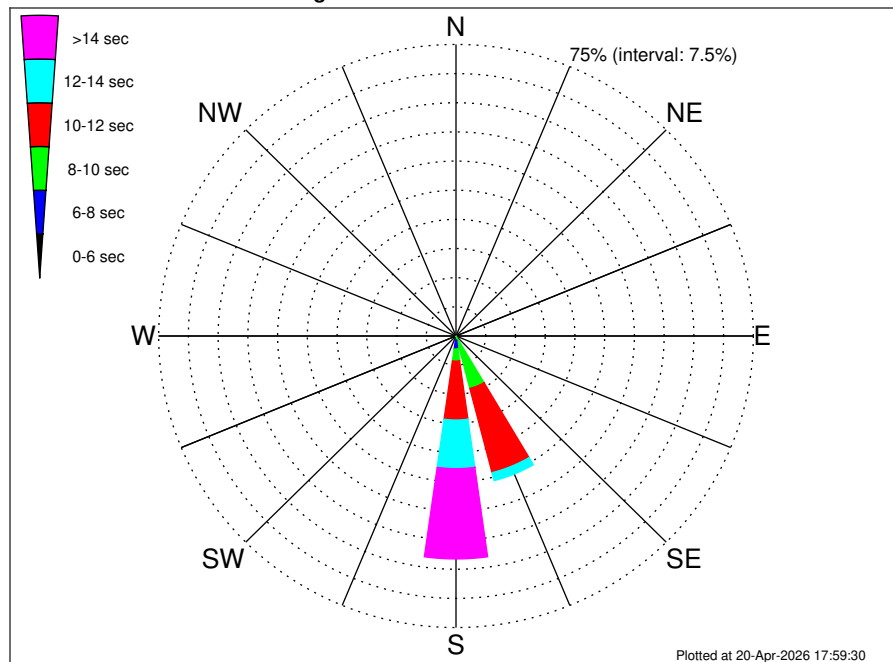
Petronas Oman Block 18 Climatological WaveHeight Rose for October: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	•	•	•	•	•	•	•	0.08	0.01	•	•	•	•	•	•	•	0.09
1 - 2 ft	•	•	•	•	•	•	0.33	17.83	17.82	•	•	•	0.01	•	•	•	35.99
2 - 4 ft	•	•	•	0.01	•	0.12	0.33	21.96	38.87	0.05	0.05	0.61	0.85	•	•	0.03	62.86
4 - 6 ft	•	•	•	•	•	•	0.13	0.17	0.65	•	•	0.04	0.07	•	•	•	1.05
6 - 8 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8 - 10 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10 - 12 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	•	0.01	•	0.12	0.78	40.04	57.35	0.05	0.05	0.65	0.92	•	•	0.03	100.00

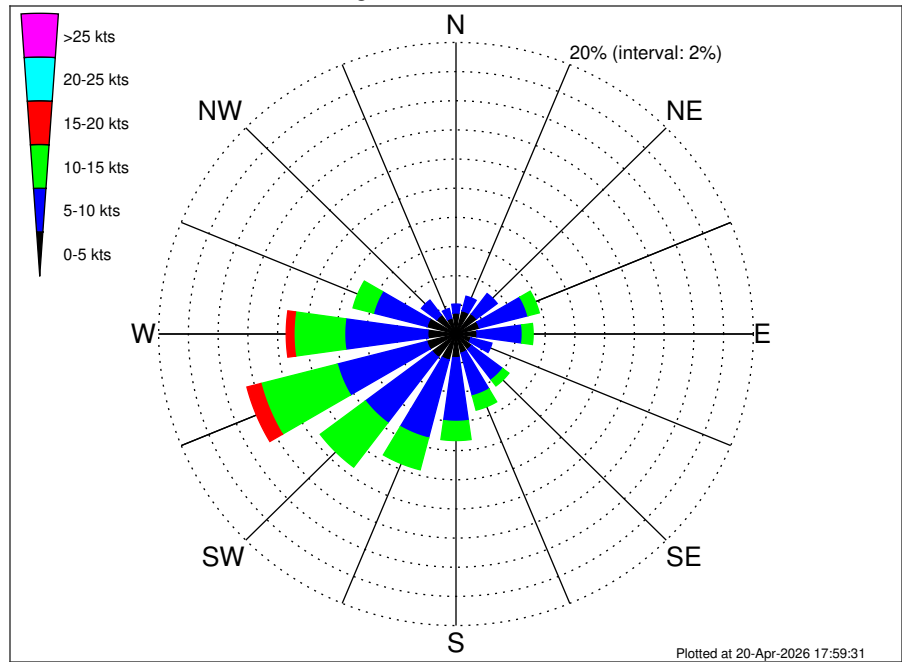
Petronas Oman Block 18 Climatological WavePeriod Rose for October: 1979 - 2015



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	•	•	0.26	0.38	•	•	0.03	0.73
4 - 6 sec	•	•	•	•	•	0.09	•	•	1.09	0.05	0.05	0.39	0.55	•	•	•	2.22
6 - 8 sec	•	•	•	•	•	0.01	0.09	0.09	2.25	•	•	•	•	•	•	•	2.45
8 - 10 sec	•	•	•	•	•	•	0.27	13.83	3.11	•	•	•	•	•	•	•	17.21
10 - 12 sec	•	•	•	•	•	•	0.40	22.39	15.15	•	•	•	•	•	•	•	37.94
12 - 14 sec	•	•	•	•	•	•	•	2.11	12.50	•	•	•	•	•	•	•	14.61
14 - 16 sec	•	•	•	•	•	•	•	1.04	11.45	•	•	•	•	•	•	•	12.49
18 - 20 sec	•	•	•	•	•	•	•	0.48	8.61	•	•	•	•	•	•	•	9.09
22 - 24 sec	•	•	•	•	•	•	•	0.09	3.17	•	•	•	•	•	•	•	3.26
Total	•	•	•	0.01	•	0.12	0.78	40.04	57.35	0.05	0.05	0.65	0.92	•	•	0.03	100.00

Petronas Oman Block 18 Climatological Wind Rose for October: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.13	0.10	0.01	0.10	0.05	0.03	0.09	0.01	0.08	0.07	0.07	0.10	0.09	0.09	0.17	0.07	1.26
0 - 5 kts	1.31	1.55	1.72	1.52	1.37	1.01	1.22	1.34	1.55	1.78	1.93	1.93	1.81	1.93	1.47	1.07	24.49
5 - 10 kts	0.61	1.03	1.74	3.37	3.04	1.46	2.63	3.03	4.37	5.53	5.65	6.22	5.59	3.72	1.27	0.68	49.93
10 - 15 kts	0.10	0.08	0.46	0.79	0.73	0.49	0.52	1.01	1.31	2.25	3.80	5.31	3.41	1.42	0.23	0.20	22.11
15 - 20 kts	0.05	•	0.01	0.01	0.03	•	0.01	•	•	0.10	0.30	0.98	0.52	0.16	0.01	0.01	2.20
20 - 25 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	2.21	2.76	3.94	5.80	5.22	2.99	4.47	5.40	7.31	9.73	11.73	14.53	11.42	7.31	3.16	2.02	100.00