

Petronas Oman Block 18 - August

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 27.0 days Range: 24.8 - 29.2 days p50:27 days p75:25.5 days p90:24 days
Wave Height > 5.0 ft Mean: 19.7 days Range: 15.9 - 23.4 days p50:20 days p75:17 days p90:15 days
Wave Height > 6.0 ft Mean: 8.0 days Range: 4.9 - 11.0 days p50:8.5 days p75:6 days p90:4 days

Wind Speed > 15.0 knots Mean: 1.4 days Range: 0.5 - 2.2 days p50:1.5 days p75:1 days p90:1 days
Wind Speed > 20.0 knots Mean: 0.1 days Range: 0.0 - 0.4 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 - 0.1 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 0.2 times per month A 2 day or longer window will statistically occur 0.1 times per month A 3 day or longer window will statistically occur 0.0 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 1.3 times per month A 2 day or longer window will statistically occur 0.9 times per month A 3 day or longer window will statistically occur 0.6 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 2.9 times per month A 2 day or longer window will statistically occur 2.0 times per month A 3 day or longer window will statistically occur 1.5 times per month

Waves

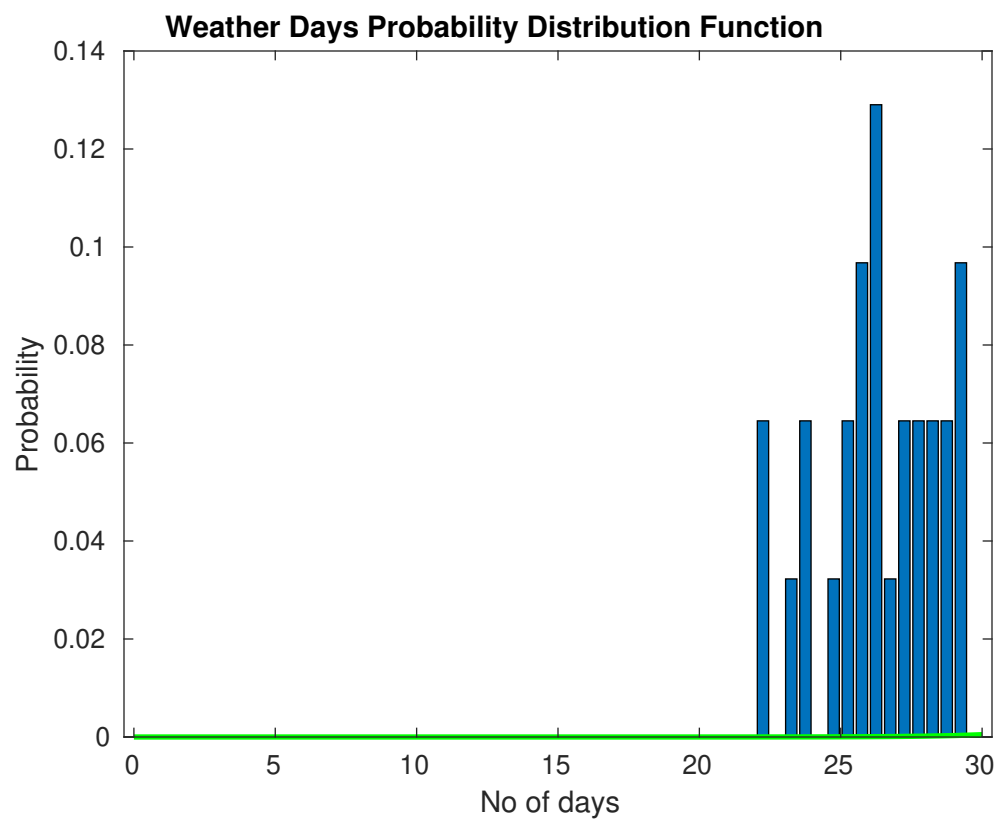
Mean Height: 4 - 6 ft
The wave heights will occasionally reach 8 - 10 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 0% / 100%

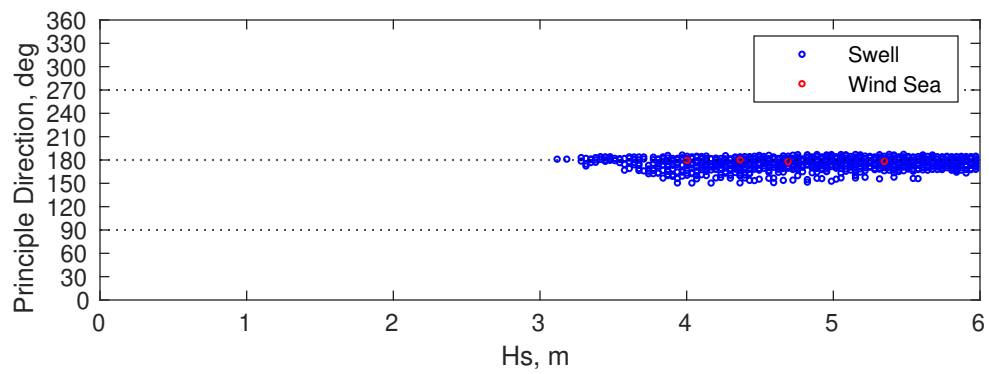
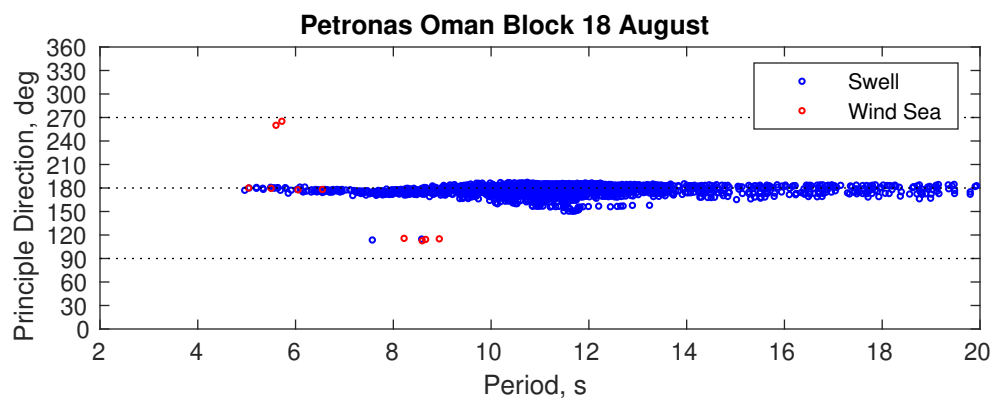
Winds

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

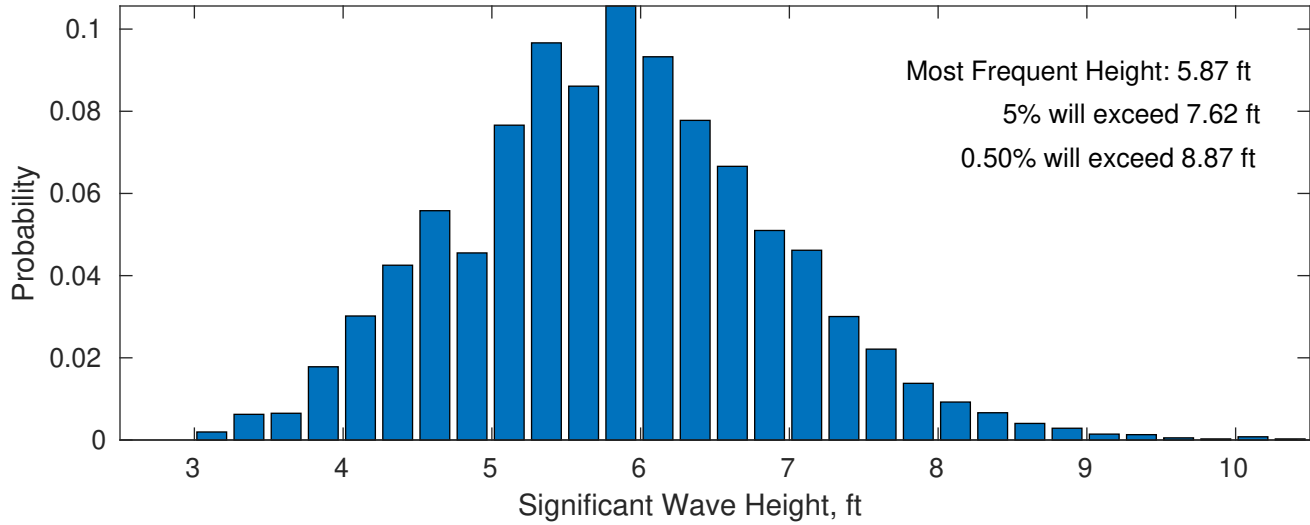
Severe Storms

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

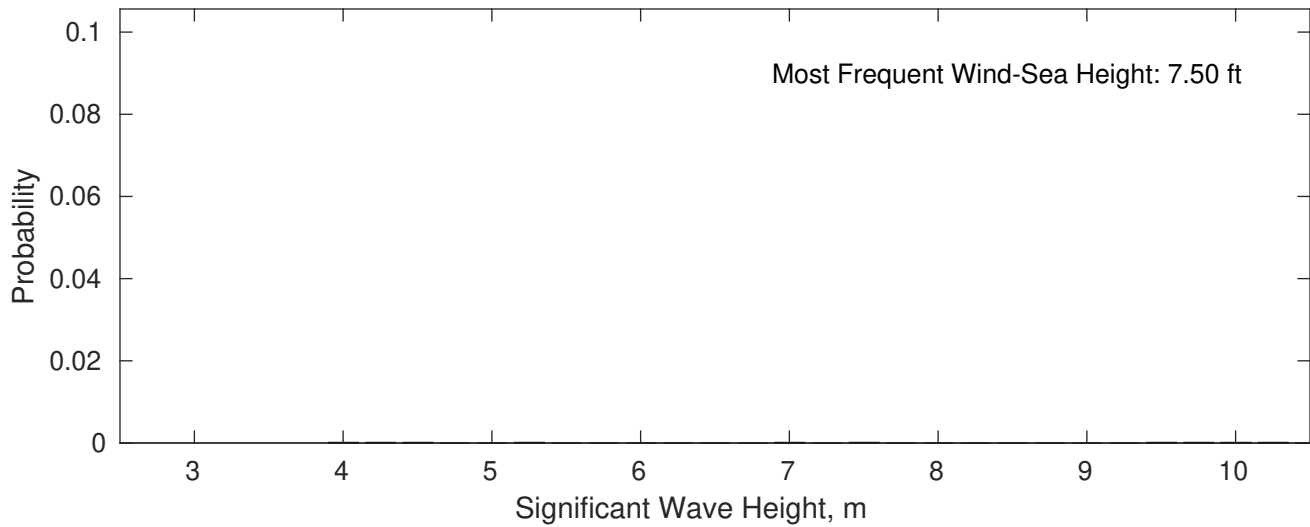




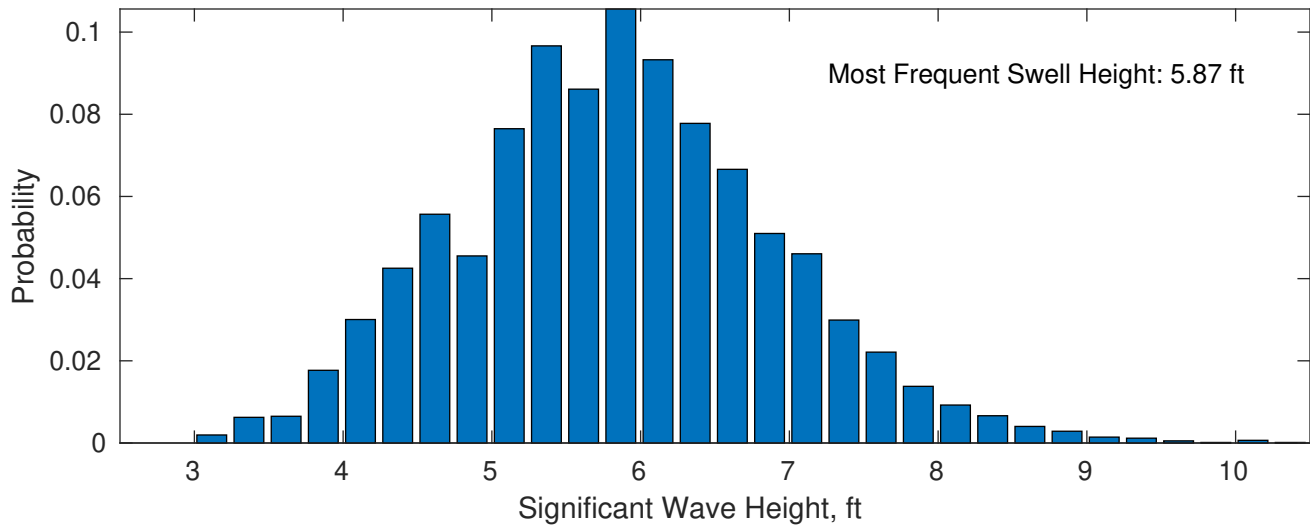
August Wave Height PDF: 1979 - 2015



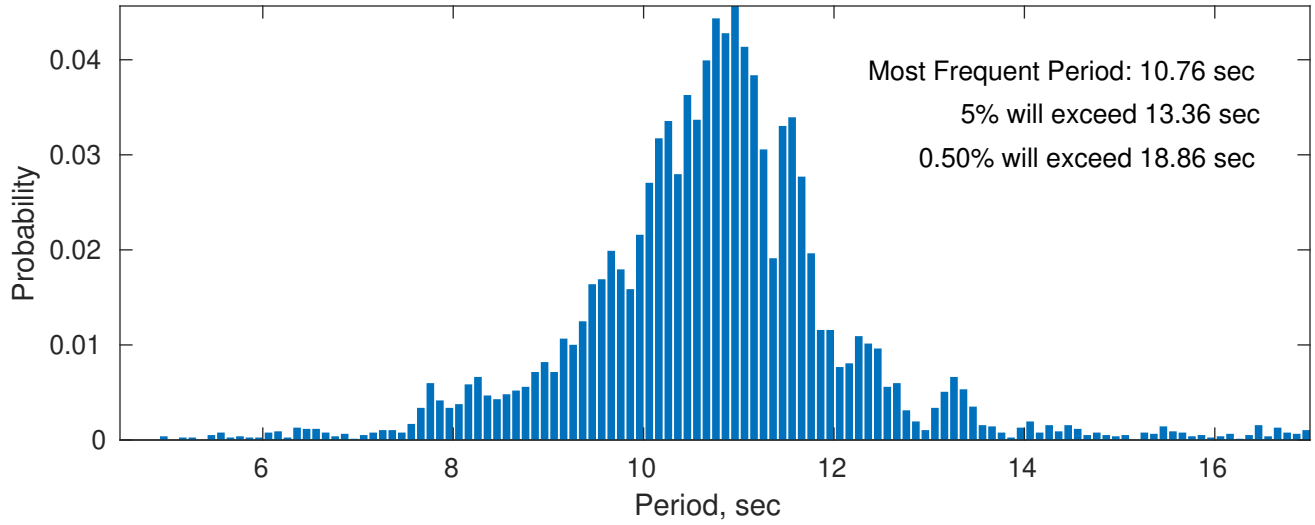
Wind-Sea: 0.13%



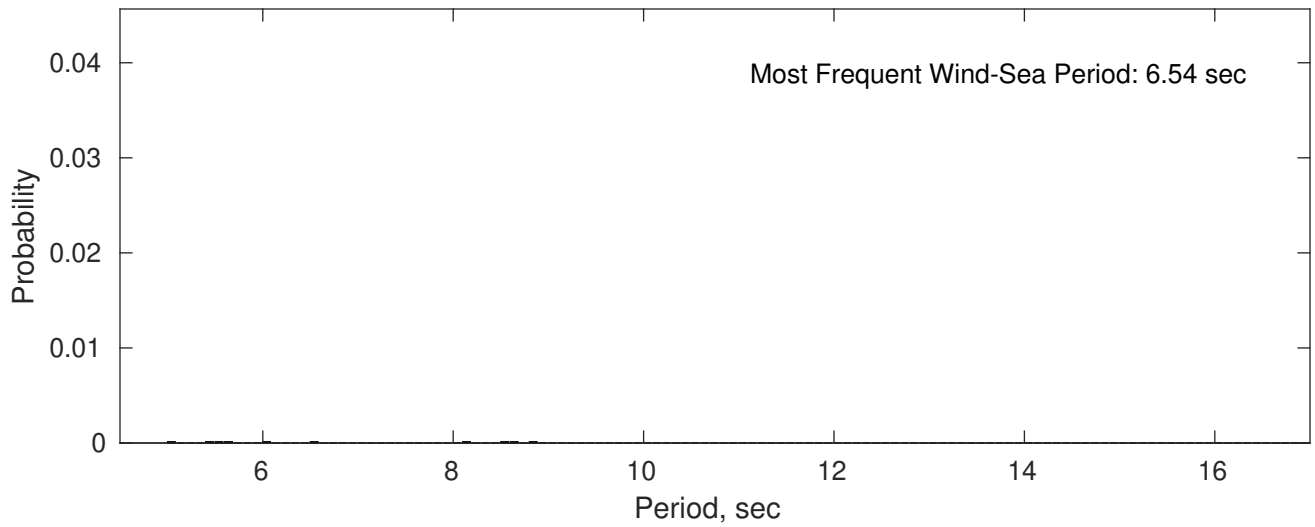
Swell: 99.87%



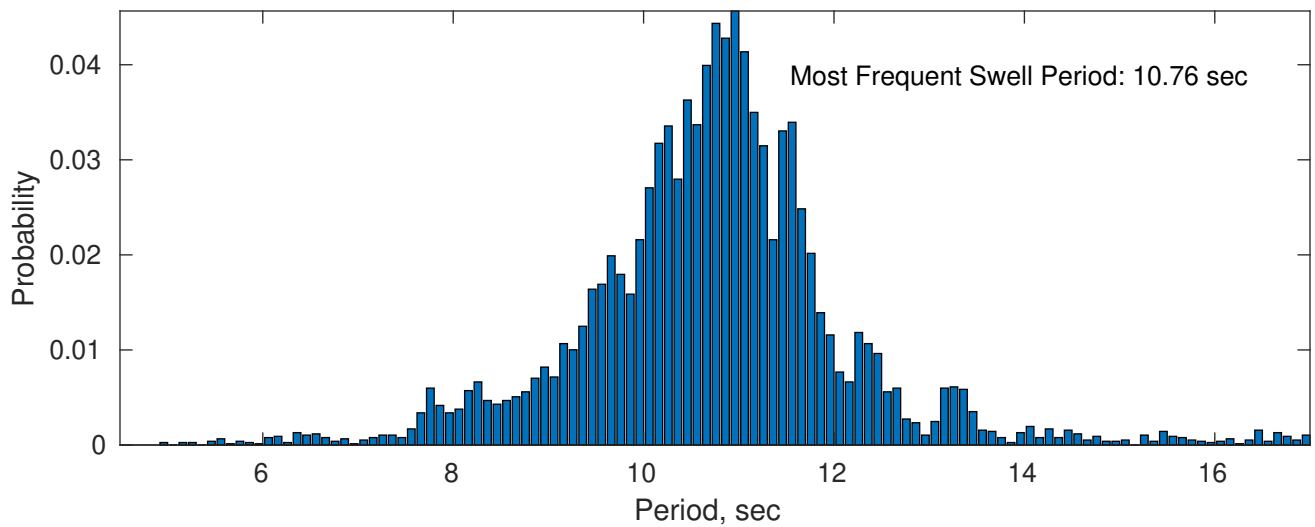
August Peak Wave Period PDF: 1979 - 2015



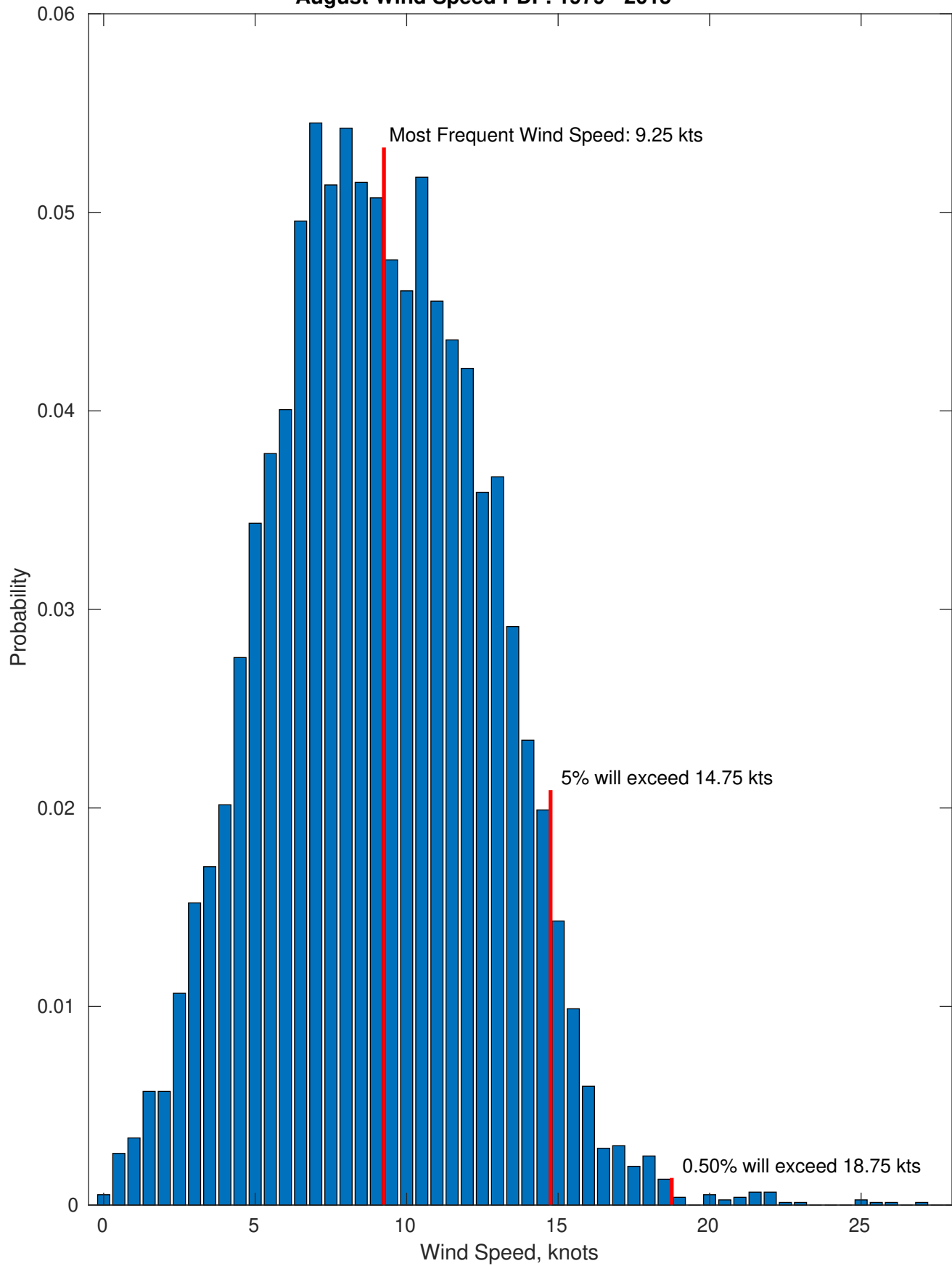
Wind-Sea: 0.13%



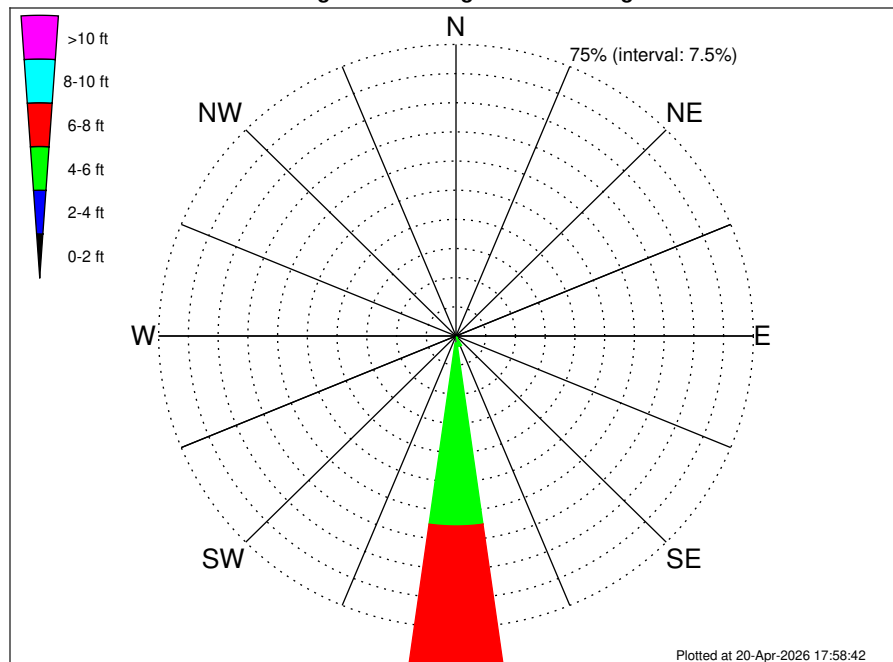
Swell: 99.87%



August Wind Speed PDF: 1979 - 2015



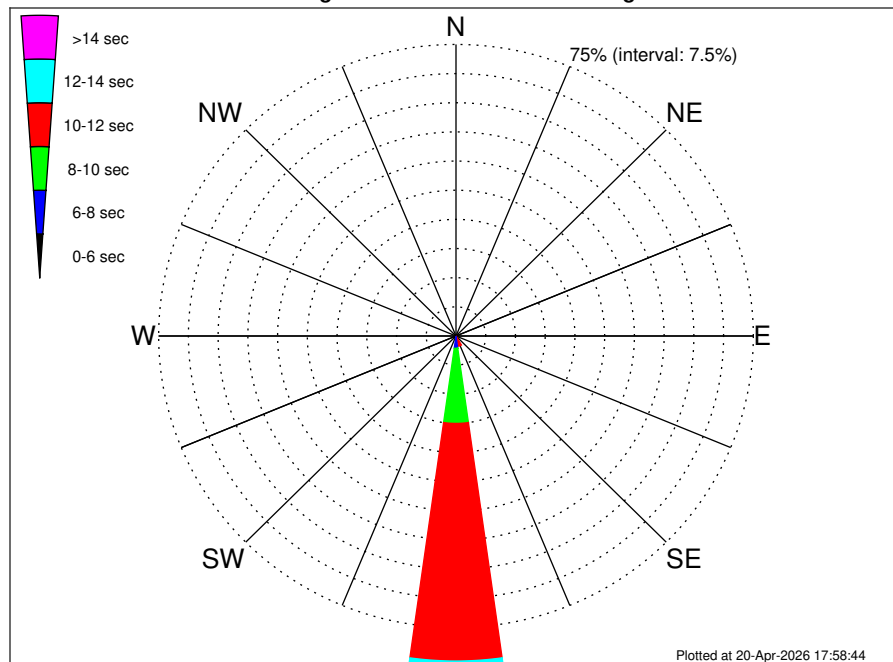
Petronas Oman Block 18 Climatological WaveHeight Rose for August: 1979 - 2015



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1 - 2 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2 - 4 ft	.	.	.	.	.	.	.	0.38	1.82	.	.	.	.	.	.	.	2.20
4 - 6 ft	.	.	.	.	.	.	.	2.41	47.05	.	.	.	.	.	.	.	49.45
6 - 8 ft	.	.	.	.	.	.	.	0.23	44.73	.	.	.	0.03	.	.	.	44.99
8 - 10 ft	.	.	.	.	.	0.05	.	.	3.16	.	.	.	.	.	.	.	3.21
10 - 12 ft	.	.	.	.	.	0.03	.	.	0.12	.	.	.	.	.	.	.	0.14
12 - 14 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14 - 16 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16 - 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
> 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	.	.	.	.	.	0.08	.	3.02	96.88	.	.	.	0.03	.	.	.	100.00

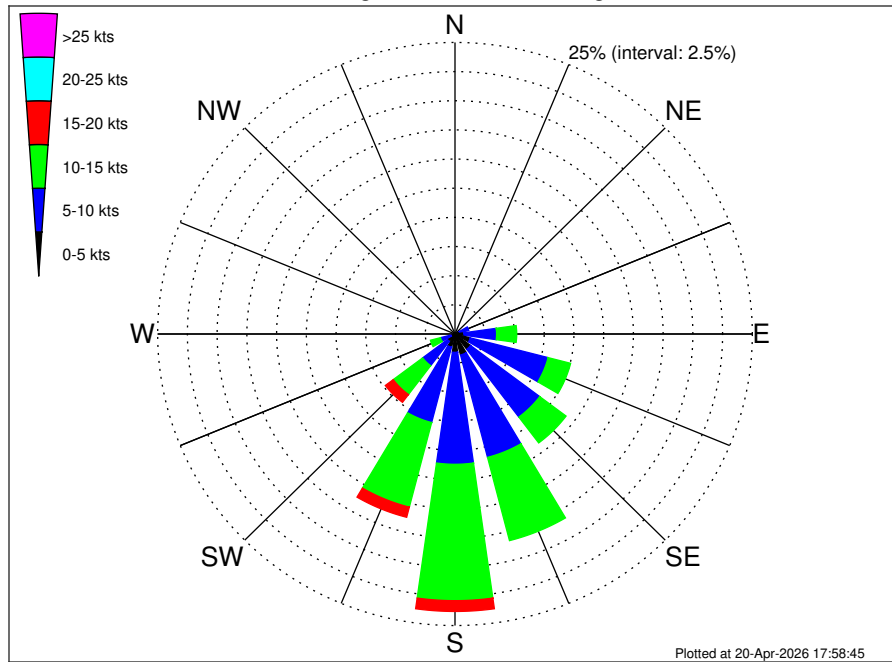
Petronas Oman Block 18 Climatological WavePeriod Rose for August: 1979 - 2015



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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4 - 6 sec	•	•	•	•	•	•	•	•	0.29	•	•	•	0.03	•	•	•	0.31
6 - 8 sec	•	•	•	•	•	0.01	•	•	2.89	•	•	•	•	•	•	•	2.90
8 - 10 sec	•	•	•	•	•	0.07	•	0.17	19.32	•	•	•	•	•	•	•	19.55
10 - 12 sec	•	•	•	•	•	•	•	2.52	61.12	•	•	•	•	•	•	•	63.64
12 - 14 sec	•	•	•	•	•	•	•	0.14	9.59	•	•	•	•	•	•	•	9.73
14 - 16 sec	•	•	•	•	•	•	•	0.14	1.55	•	•	•	•	•	•	•	1.69
18 - 20 sec	•	•	•	•	•	•	•	0.01	1.27	•	•	•	•	•	•	•	1.29
22 - 24 sec	•	•	•	•	•	•	•	0.03	0.86	•	•	•	•	•	•	•	0.88
Total	•	•	•	•	•	0.08	•	3.02	96.88	•	•	•	0.03	•	•	•	100.00

Petronas Oman Block 18 Climatological Wind Rose for August: 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	•	0.03	•	0.03	0.03	0.04	0.03	0.03	0.03	0.03	•	0.03	0.01	0.04	0.31
0 - 5 kts	0.10	0.13	0.22	0.39	0.75	1.30	1.61	1.82	1.55	1.14	0.77	0.34	0.22	0.10	0.01	0.08	10.55
5 - 10 kts	0.07	0.01	0.17	0.78	2.74	6.76	7.28	9.07	9.60	6.67	2.61	0.90	0.29	0.09	0.07	0.07	47.18
10 - 15 kts	•	•	0.01	0.13	1.69	1.95	2.77	7.38	11.69	7.49	3.10	0.87	0.23	0.03	0.04	0.03	37.41
15 - 20 kts	•	•	•	0.04	0.10	0.13	0.21	0.42	0.92	0.90	0.83	0.52	0.12	0.03	•	•	4.21
20 - 25 kts	•	•	•	0.01	0.05	0.01	0.01	•	•	•	0.01	0.14	•	0.03	•	•	0.27
25 - 30 kts	•	•	•	•	0.03	0.01	•	•	•	•	•	•	0.03	•	•	•	0.07
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.17	0.16	0.40	1.38	5.37	10.20	11.91	18.72	23.79	16.23	7.35	2.80	0.88	0.30	0.13	0.21	100.00