

Petronas Oman Block 18 - September

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 7.6 days Range: 3.9 - 11.2 days p50:6.5 days p75:5 days p90:3.5 days
Wave Height > 5.0 ft Mean: 1.8 days Range: 0.0 - 3.9 days p50:2.5 days p75:1 days p90:0.5 days
Wave Height > 6.0 ft Mean: 0.2 days Range: 0.0 - 0.8 days p50:30 days p75:30 days p90:2.5 days

Wind Speed > 15.0 knots Mean: 0.6 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 - 0.1 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 2.5 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 1.8 times per month
Wave Height < 5.0 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 1.4 times per month
Wave Height < 6.0 ft	A 1 day or longer window will statistically occur 1.1 times per month A 2 day or longer window will statistically occur 1.1 times per month A 3 day or longer window will statistically occur 1.0 times per month

Waves

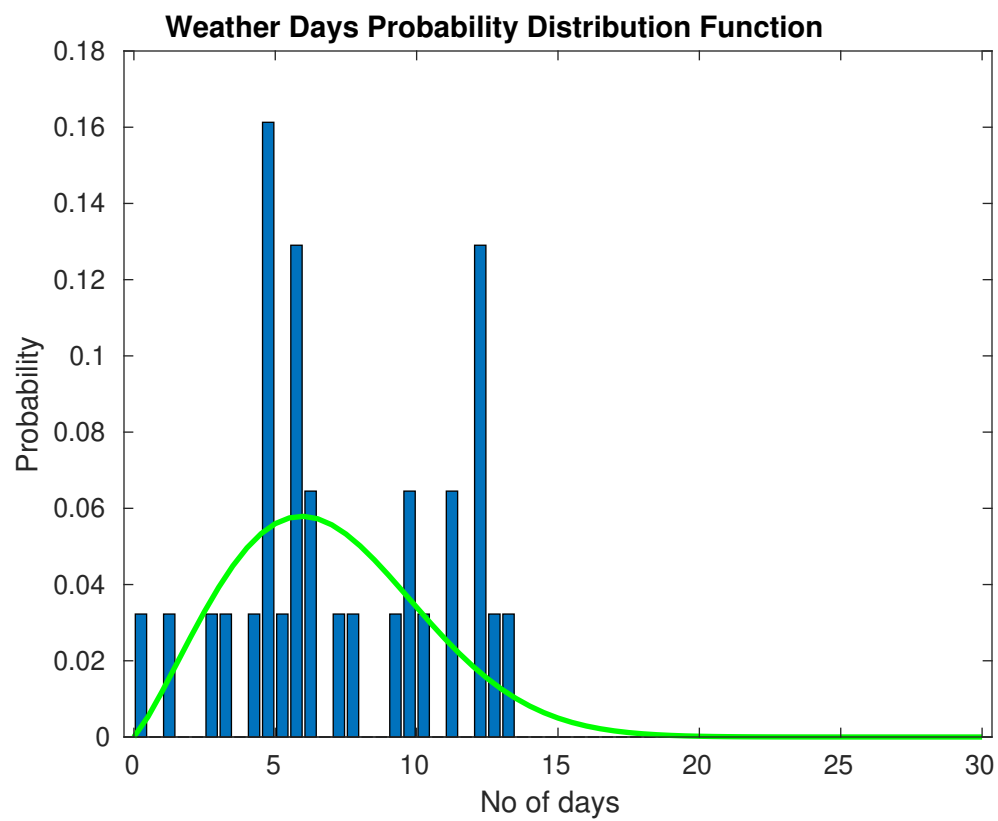
Mean Height: 2 - 4 ft
The wave heights will occasionally reach 6 - 8 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 0% / 100%

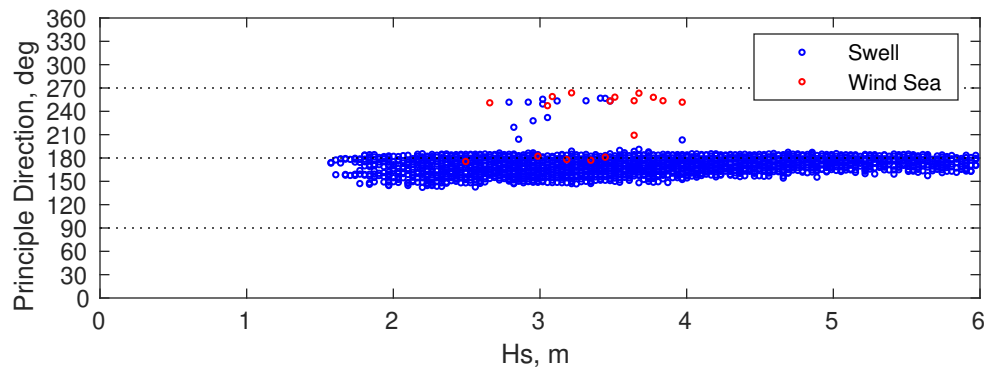
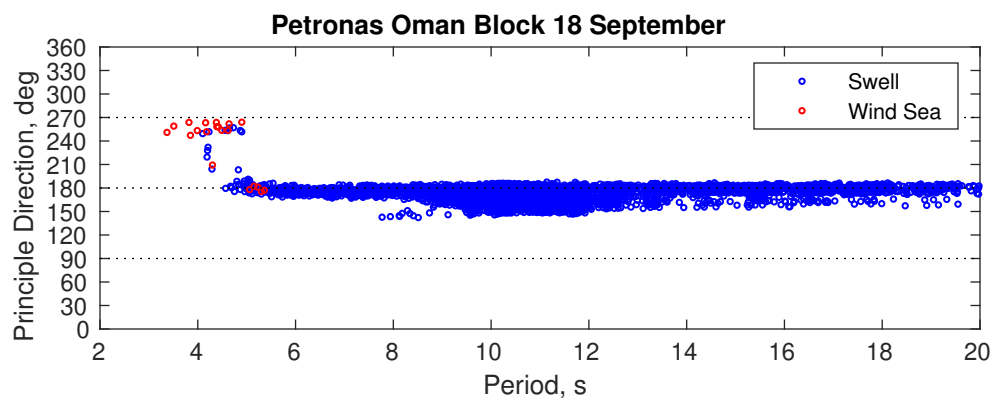
Winds

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

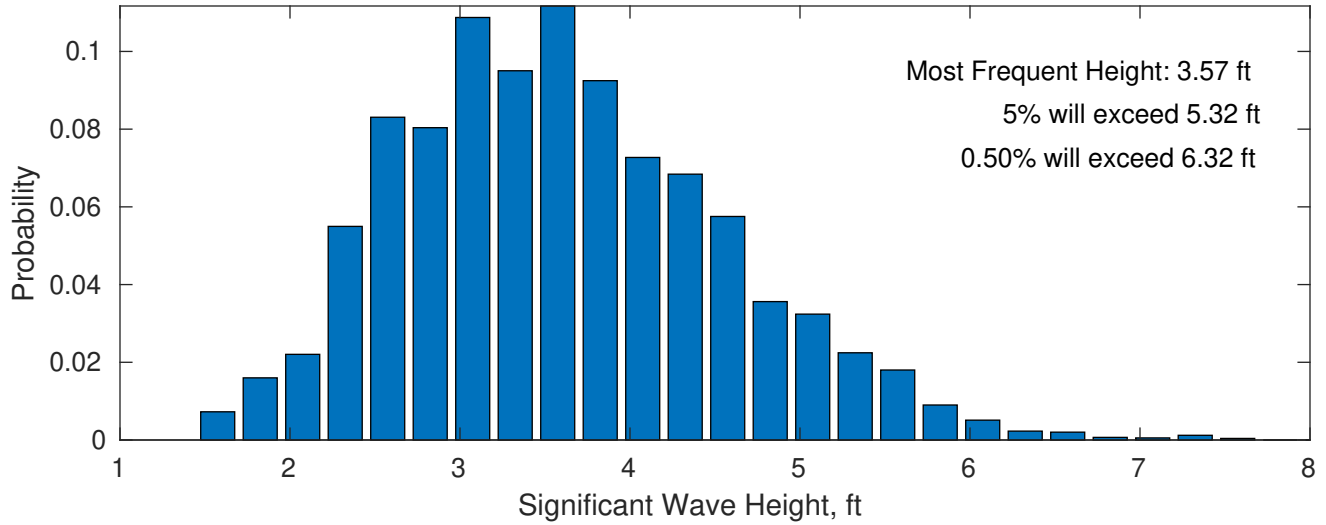
Severe Storms

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

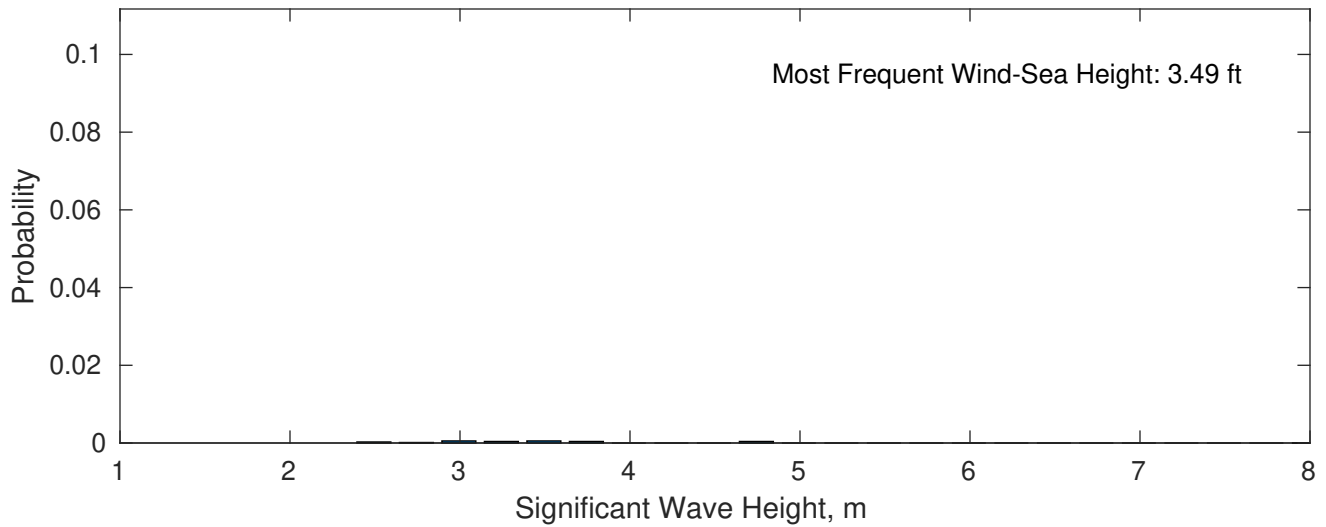




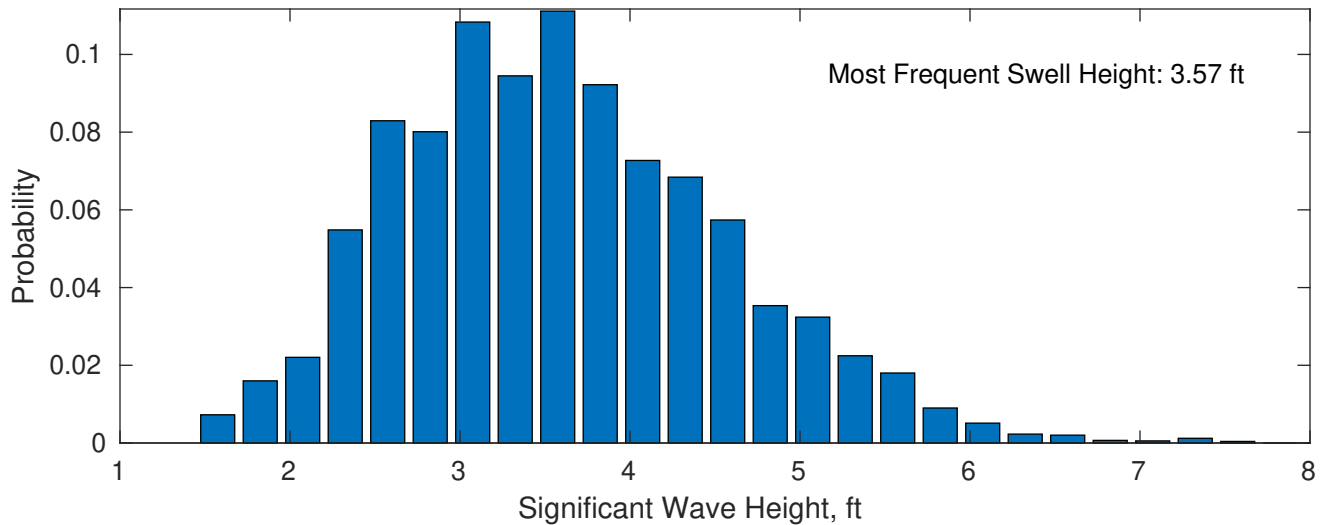
September Wave Height PDF: 1979 - 2015



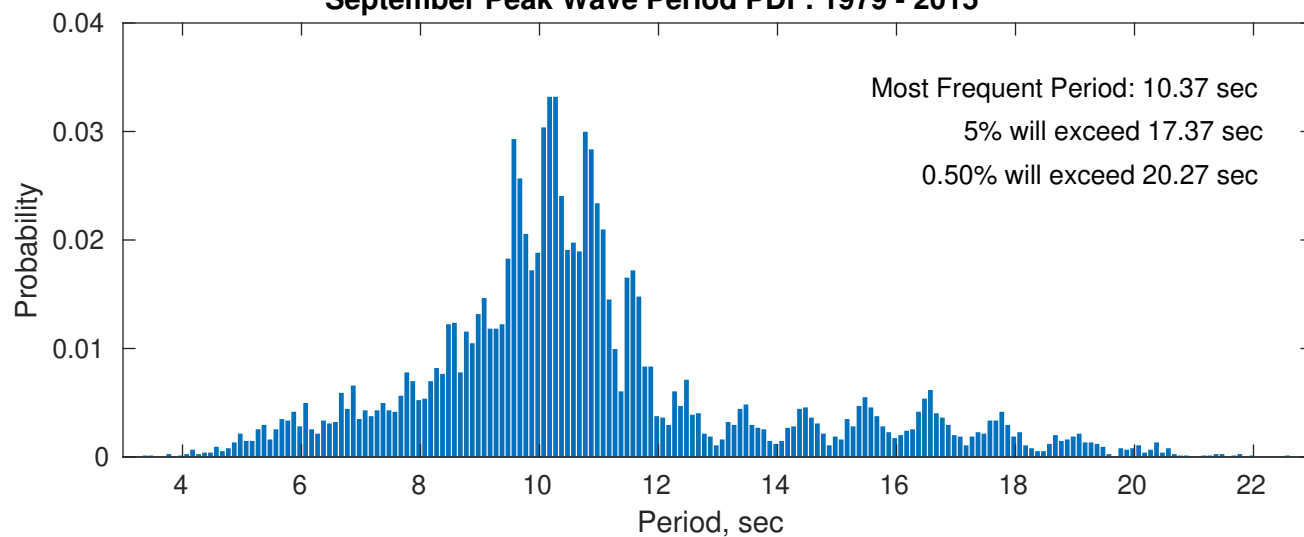
Wind-Sea: 0.27%



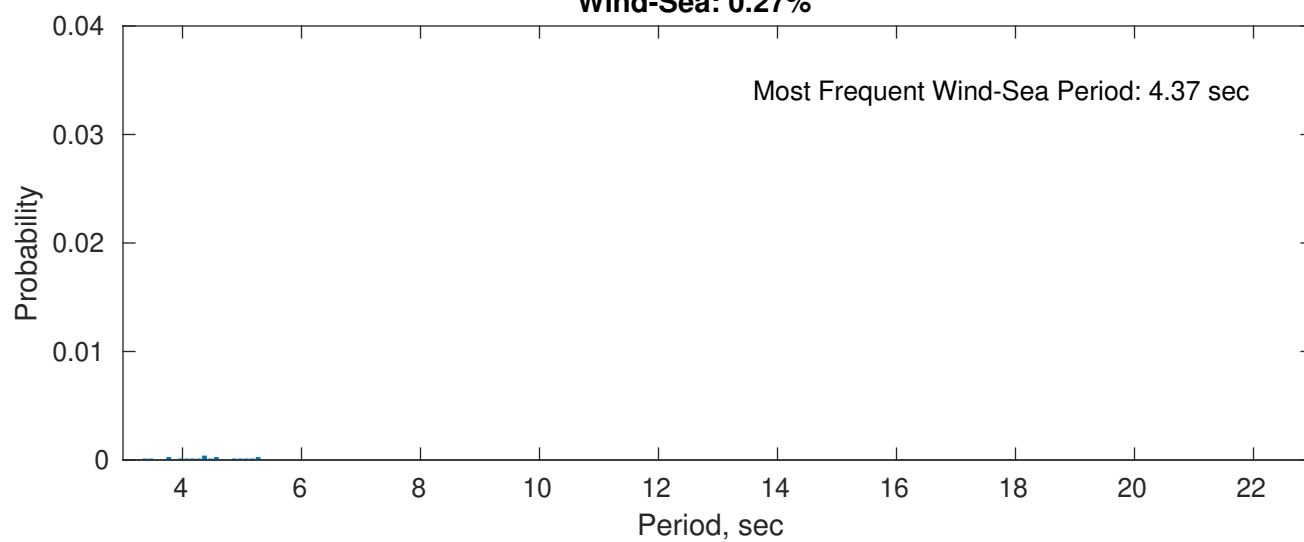
Swell: 99.73%



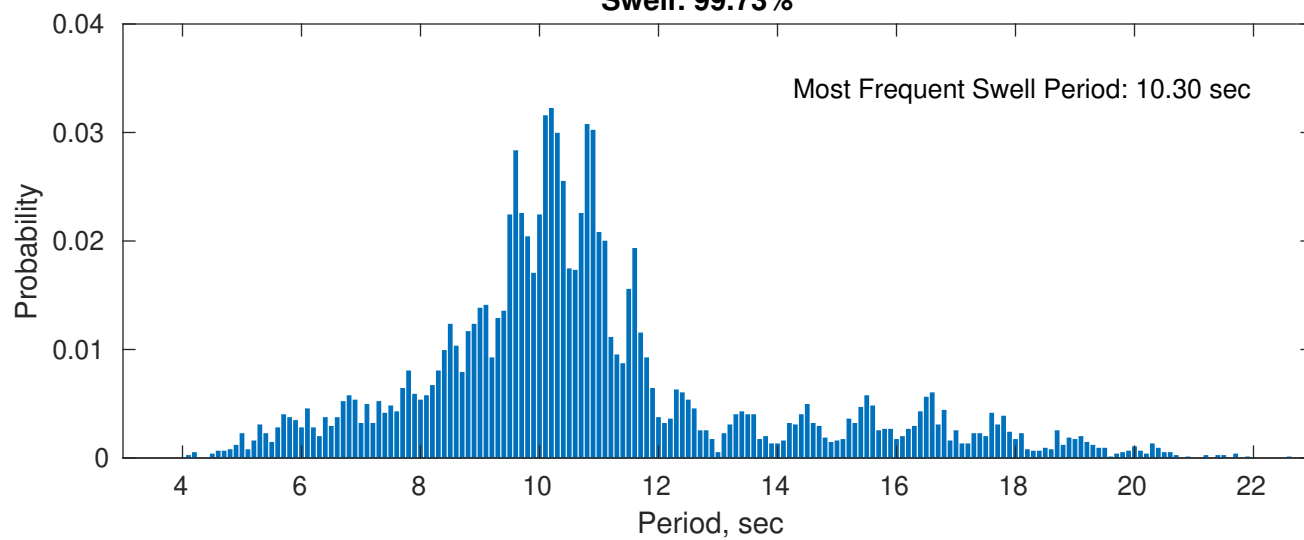
September Peak Wave Period PDF: 1979 - 2015



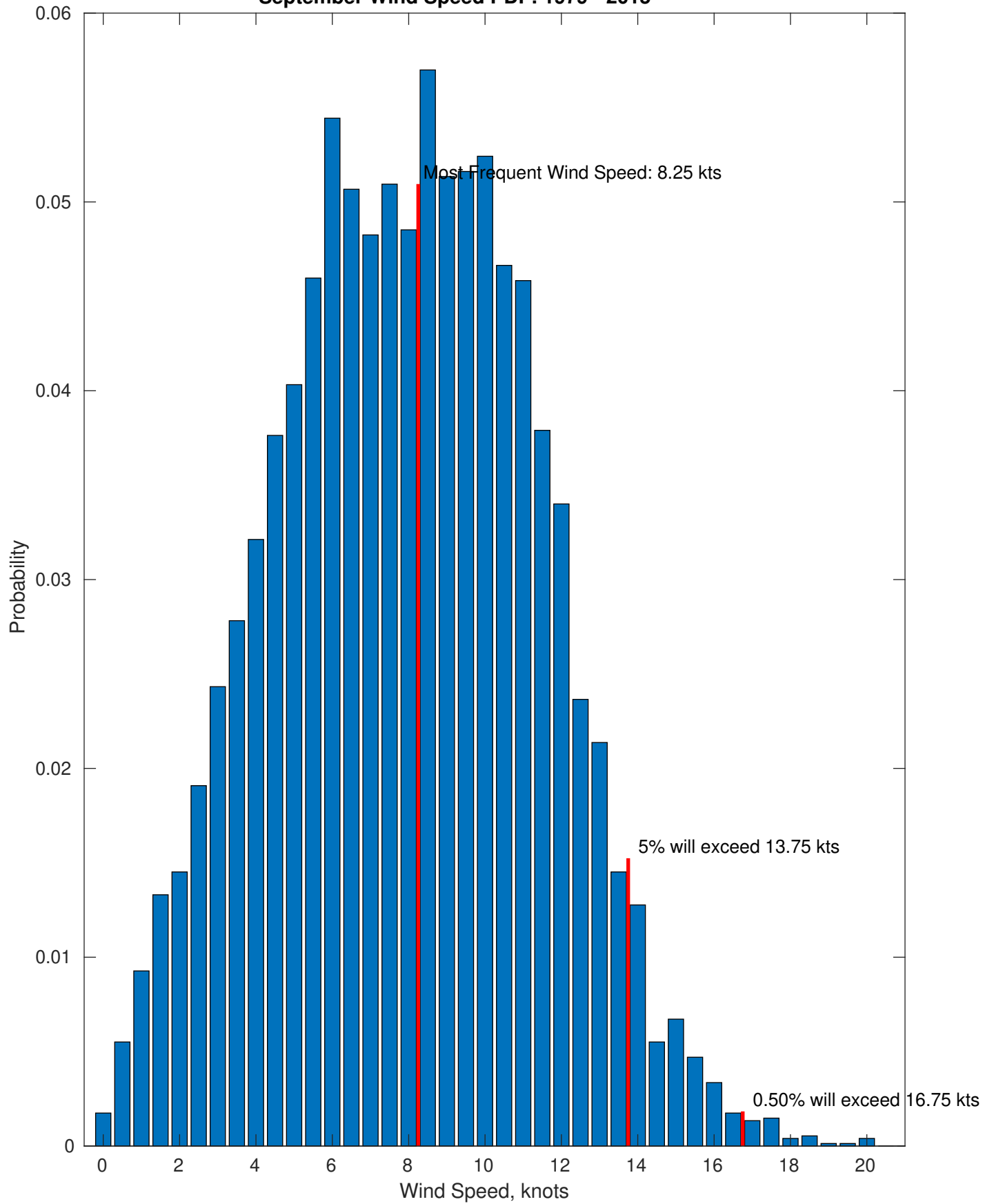
Wind-Sea: 0.27%



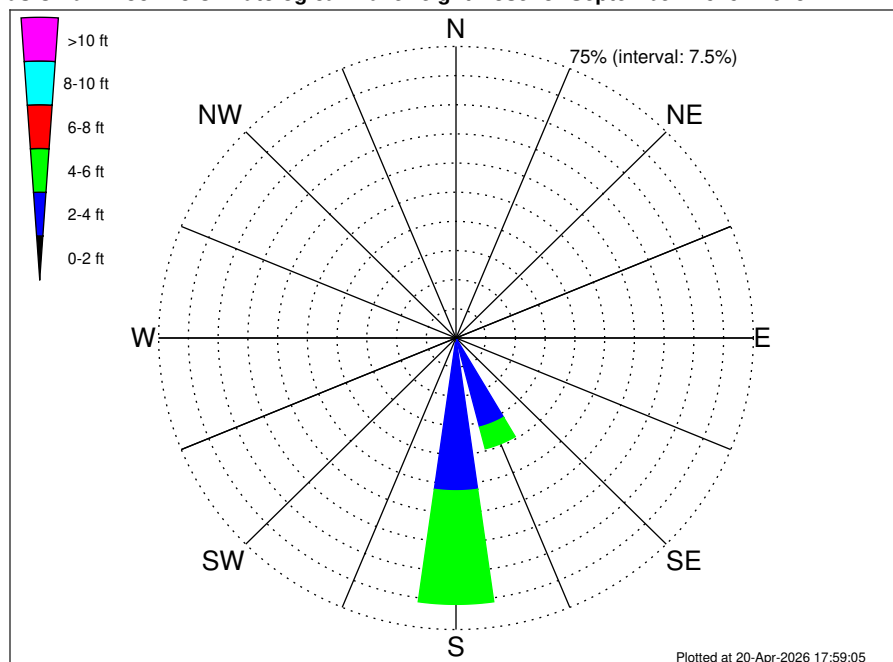
Swell: 99.73%



September Wind Speed PDF: 1979 - 2015



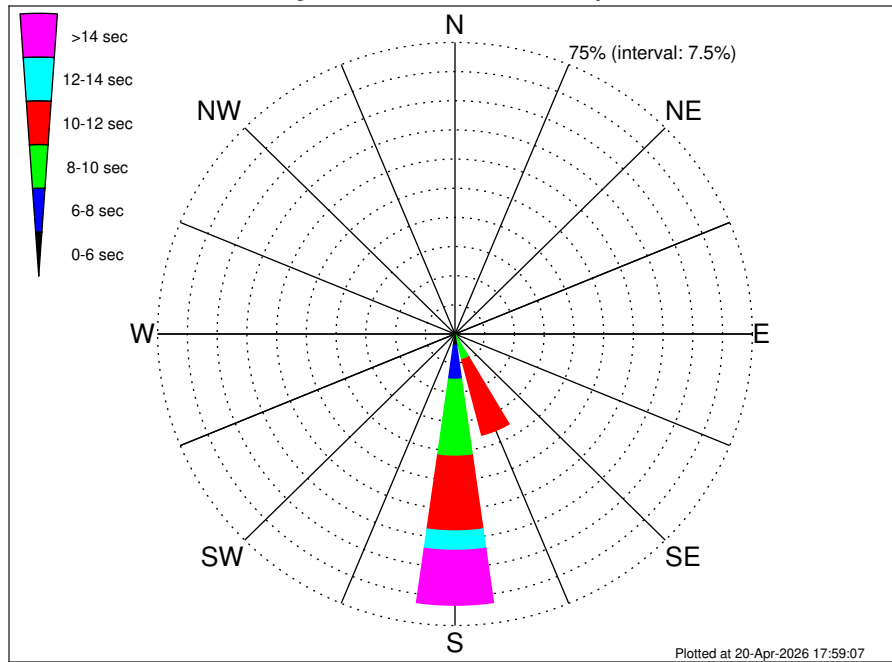
Petronas Oman Block 18 Climatological WaveHeight Rose for September: 1979 - 2015



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	.	.	.	.	.	.	0.04	0.52	1.18	.	.	.	.	.	.	.	1.75
2 - 4 ft	.	.	.	.	.	.	0.12	23.16	38.12	0.04	0.04	0.23	0.04	.	.	.	61.75
4 - 6 ft	.	.	.	.	.	.	.	5.77	29.22	.	.	.	0.04	.	.	.	35.03
6 - 8 ft	.	.	.	.	.	.	.	0.24	1.24	.	.	.	.	.	.	.	1.48
8 - 10 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10 - 12 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12 - 14 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14 - 16 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16 - 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
> 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	.	.	.	.	.	.	0.16	29.69	69.76	0.04	0.04	0.23	0.08	.	.	.	100.00

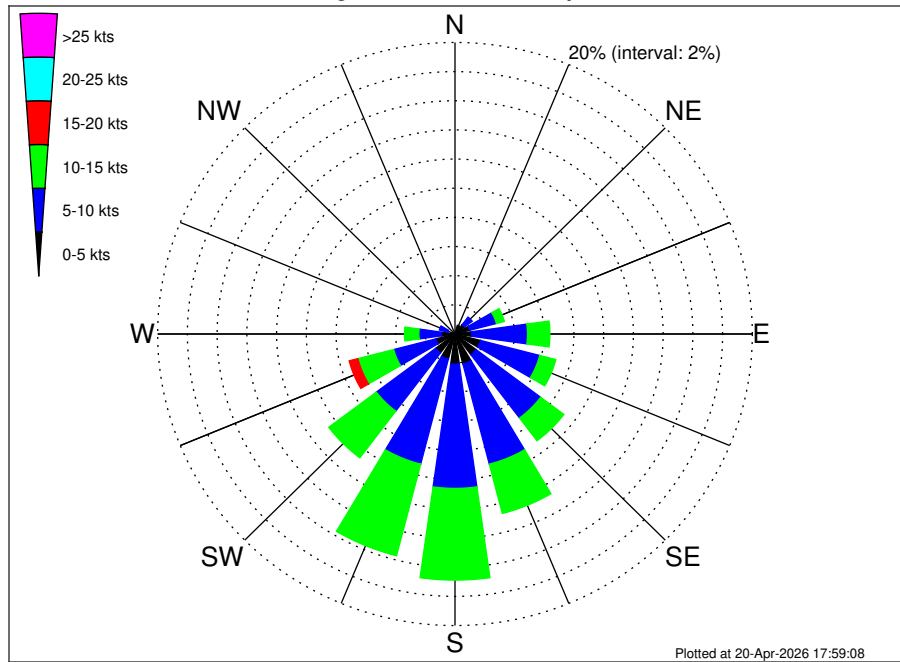
Petronas Oman Block 18 Climatological WavePeriod Rose for September: 1979 - 2015



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	0.03	.	.	.	0.07
4 - 6 sec	.	.	.	.	.	.	.	0.01	2.97	0.04	0.04	0.19	0.05	.	.	.	3.31
6 - 8 sec	.	.	.	.	.	.	0.03	0.17	8.71	.	.	.	.	.	.	.	8.91
8 - 10 sec	.	.	.	.	.	.	0.12	6.67	19.78	.	.	.	.	.	.	.	26.57
10 - 12 sec	.	.	.	.	.	.	0.01	20.03	19.21	.	.	.	.	.	.	.	39.25
12 - 14 sec	.	.	.	.	.	.	.	1.65	5.00	.	.	.	.	.	.	.	6.65
14 - 16 sec	.	.	.	.	.	.	.	0.51	5.62	.	.	.	.	.	.	.	6.13
18 - 20 sec	.	.	.	.	.	.	.	0.44	5.55	.	.	.	.	.	.	.	5.99
22 - 24 sec	.	.	.	.	.	.	.	0.20	2.92	.	.	.	.	.	.	.	3.12
Total	.	.	.	.	.	.	0.16	29.69	69.76	0.04	0.04	0.23	0.08	.	.	.	100.00

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



Joint Frequency Distribution Table

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
calm	0.04	0.04	0.01	0.09	0.03	0.04	0.07	0.03	0.05	0.05	0.03	0.04	0.05	0.01	0.08	0.05	0.73
0 - 5 kts	0.34	0.58	0.79	0.94	1.10	1.73	1.72	2.10	2.02	1.73	1.61	1.29	0.86	0.48	0.30	0.22	17.81
5 - 10 kts	0.24	0.32	0.65	1.84	3.75	4.11	5.43	7.10	8.52	7.43	4.99	2.93	1.52	0.59	0.31	0.17	49.91
10 - 15 kts	0.03	.	0.05	0.55	1.51	1.12	1.95	3.49	6.29	6.49	4.01	2.49	0.97	0.27	0.19	0.07	29.46
15 - 20 kts	.	.	.	0.03	0.03	0.04	0.08	0.03	0.11	0.38	0.48	0.60	0.17	0.11	.	.	2.06
20 - 25 kts	.	.	.	.	.	.	.	.	.	.	0.01	0.01	0.01	.	.	.	0.04
25 - 30 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30 - 35 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35 - 40 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40 - 45 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
45 - 50 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	0.65	0.94	1.51	3.45	6.41	7.04	9.25	12.74	16.99	16.09	11.13	7.37	3.59	1.47	0.87	0.51	100.00