

Petronas Oman Block 18 - May

Latitude: 25.00 N Longitude: 60.50 E

Weather Days

Wave Height > 4.0 ft Mean: 5.4 days Range: 2.6 - 8.2 days p50:5 days p75:3.5 days p90:2 days
Wave Height > 5.0 ft Mean: 1.5 days Range: 0.3 - 2.7 days p50:1.5 days p75:1 days p90:0.5 days
Wave Height > 6.0 ft Mean: 0.2 days Range: 0.0 - 0.6 days p50:30 days p75:0.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 4.2 days Range: 1.8 - 6.5 days p50:4 days p75:3 days p90:2 days
Wind Speed > 20.0 knots Mean: 0.6 days Range: 0.0 - 1.3 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 3.5 times per month A 2 day or longer window will statistically occur 2.6 times per month A 3 day or longer window will statistically occur 2.0 times per month
Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 2.4 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 < 6.0 ft	A 1 day or longer window will statistically occur 1.5 times per month A 2 day or longer window will statistically occur 1.4 times per month A 3 day or longer window will statistically occur 1.3 times per month

Waves

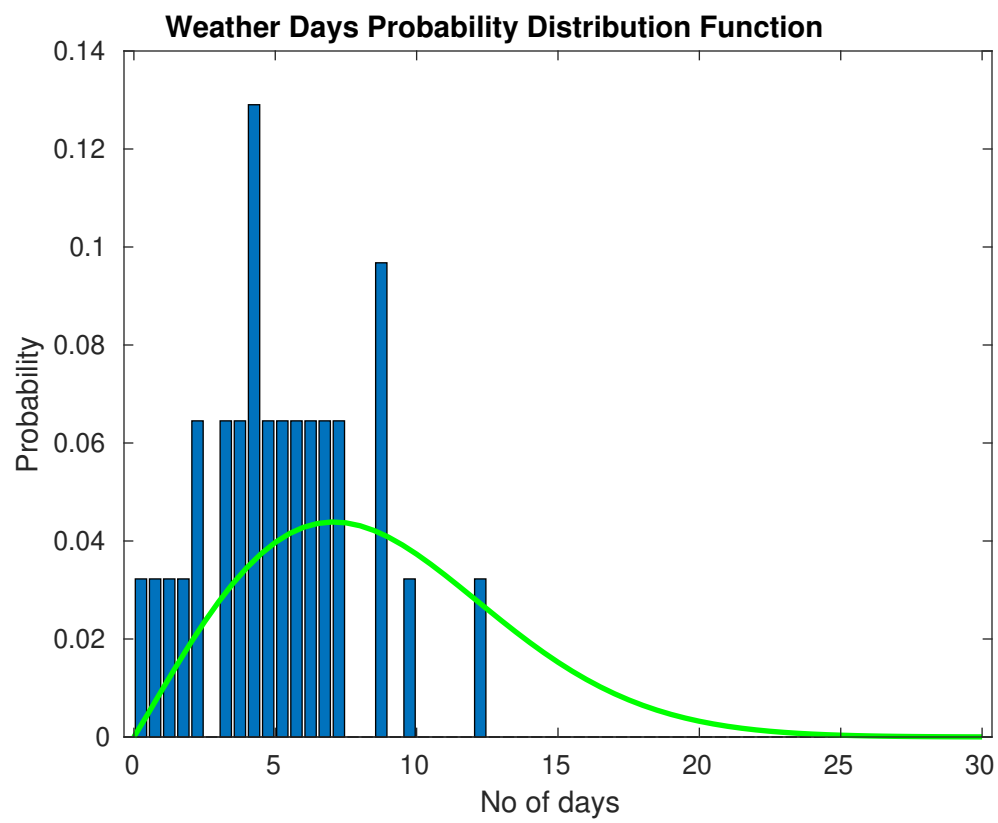
Mean Height: 2 - 4 ft
The wave heights will occasionally reach 6 - 8 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: S
WindSea/Swell: 10% / 90%

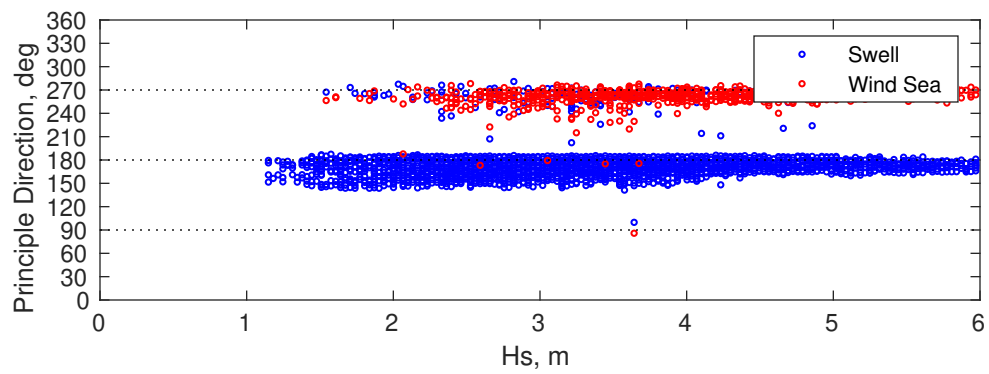
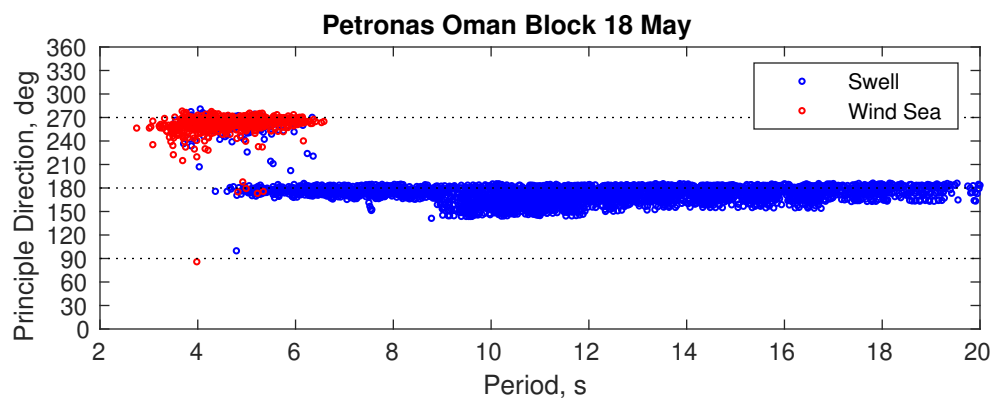
Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: WSW

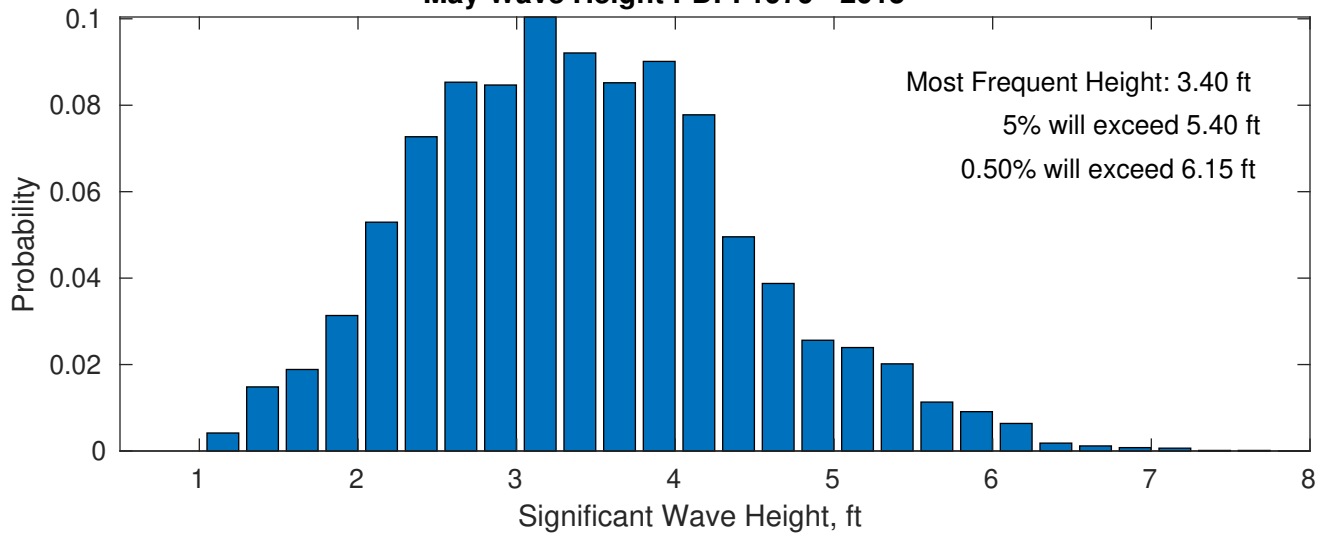
Severe Storms

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

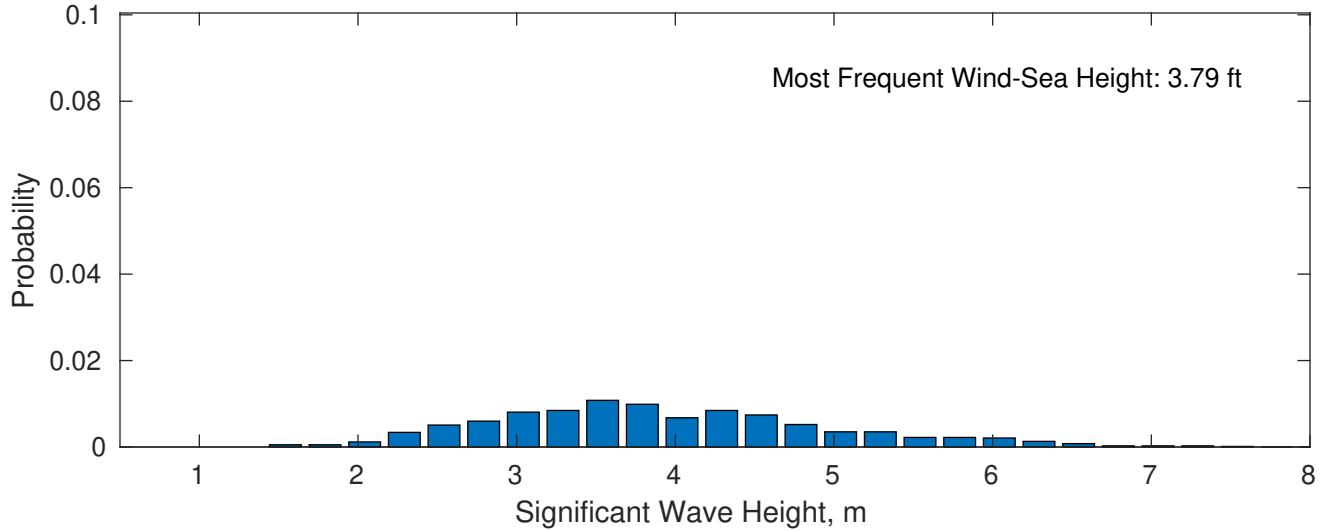




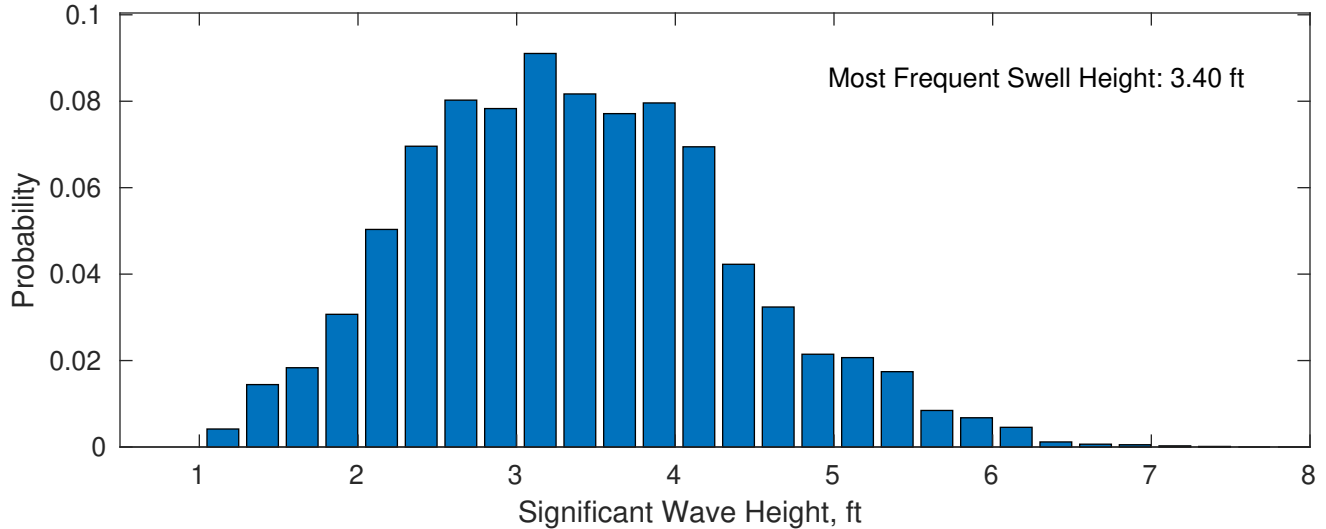
May Wave Height PDF: 1979 - 2015



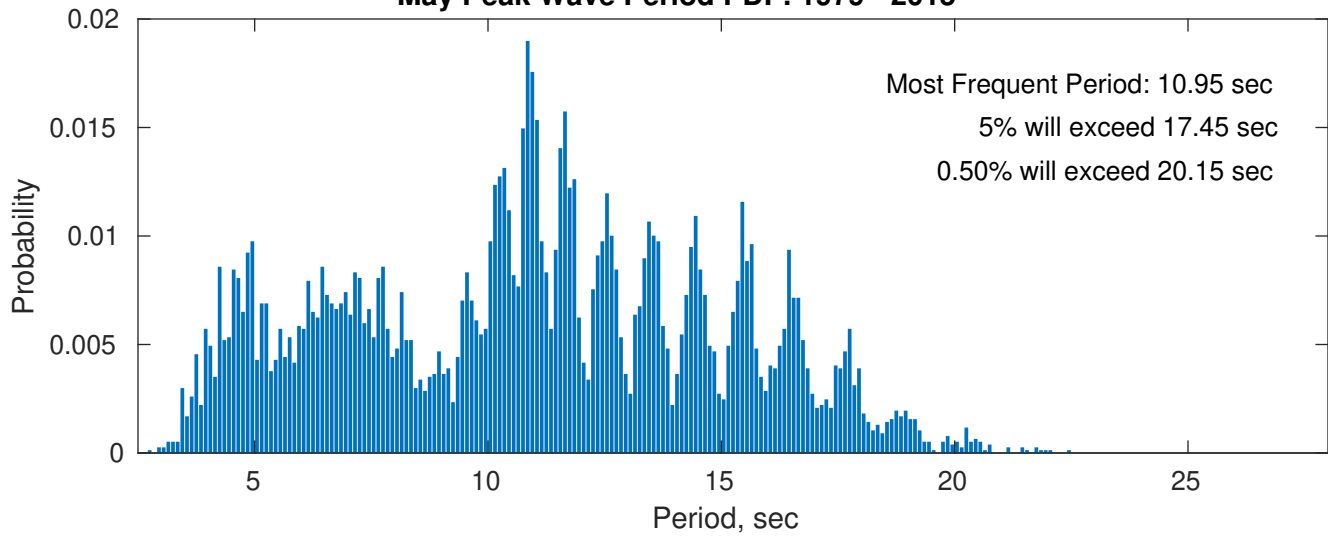
Wind-Sea: 9.82%



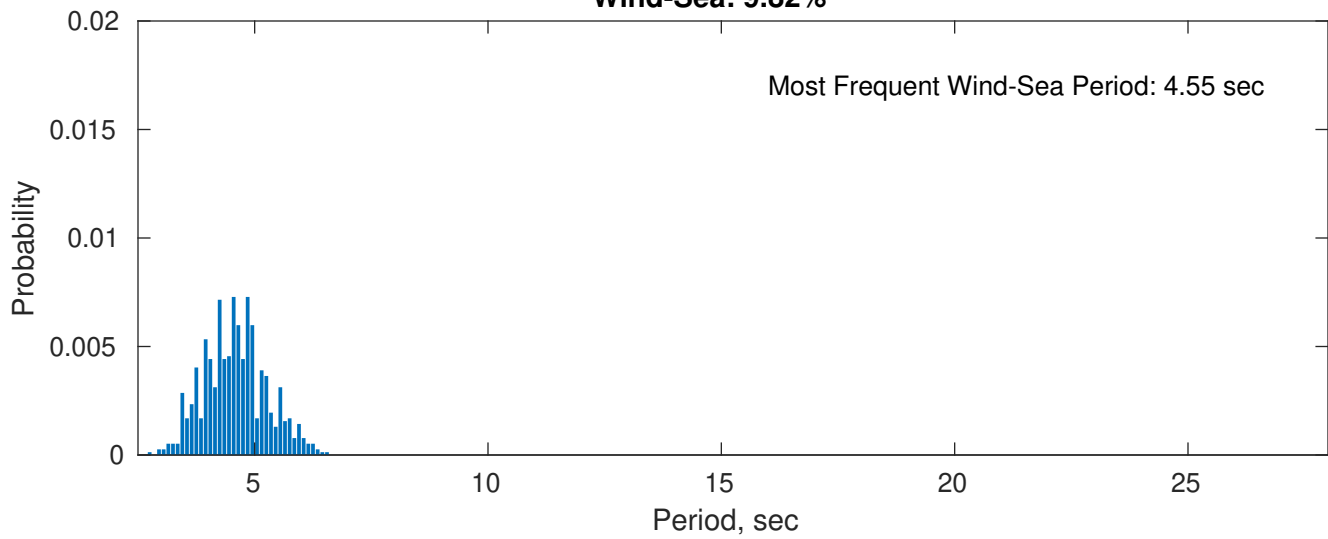
Swell: 90.18%



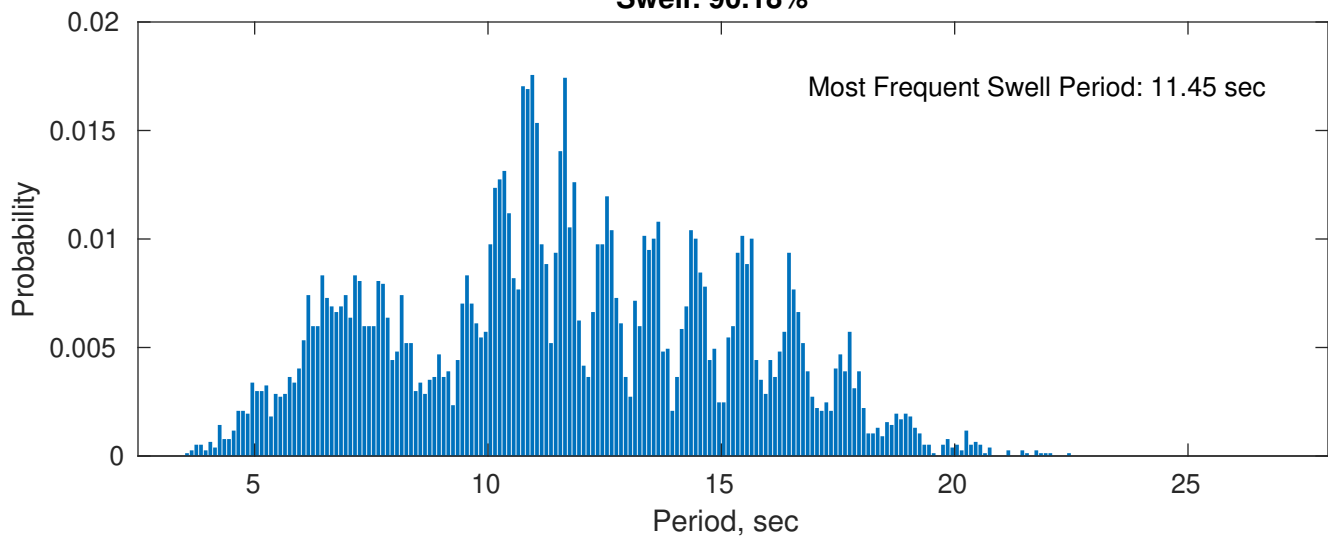
May Peak Wave Period PDF: 1979 - 2015



Wind-Sea: 9.82%

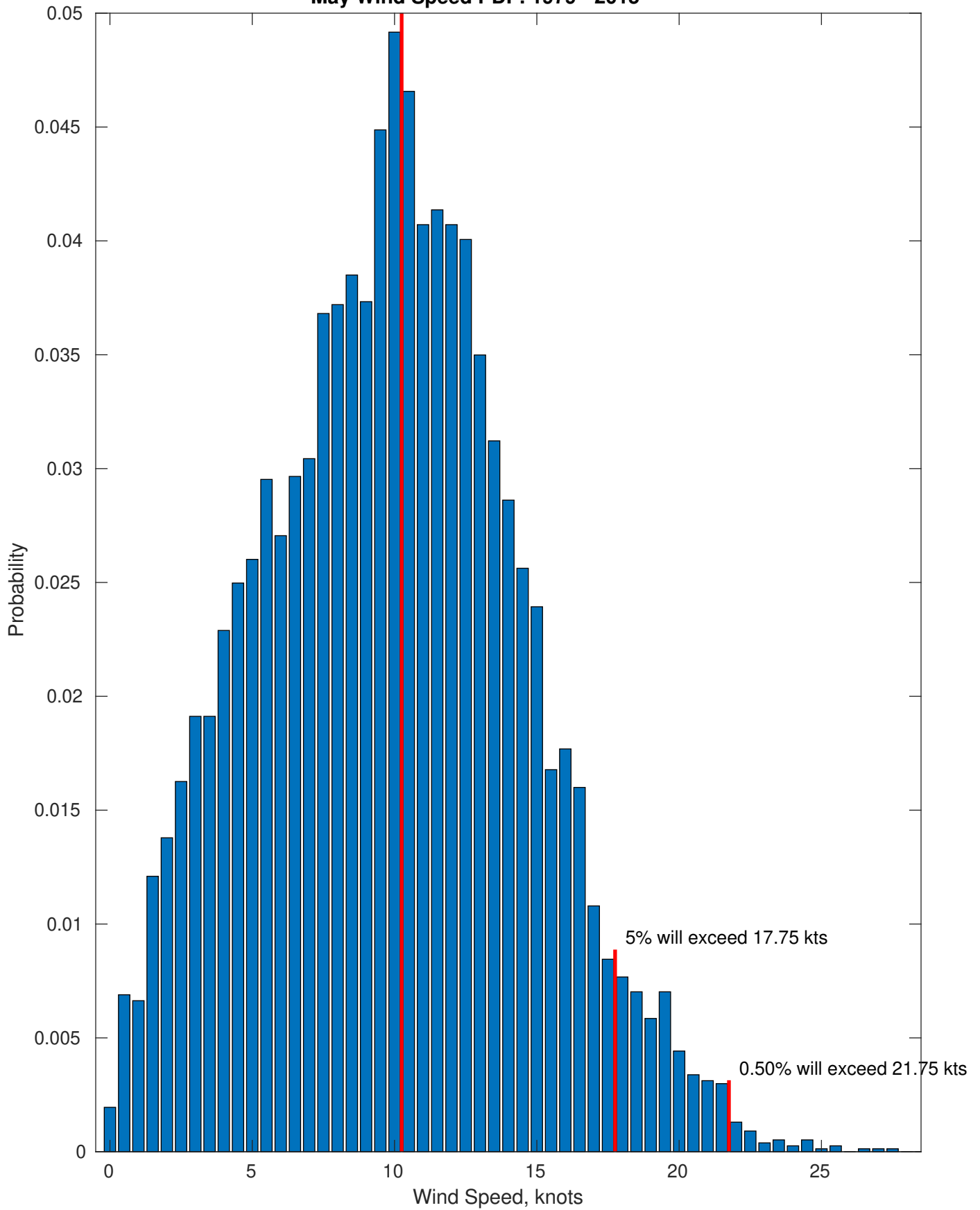


Swell: 90.18%

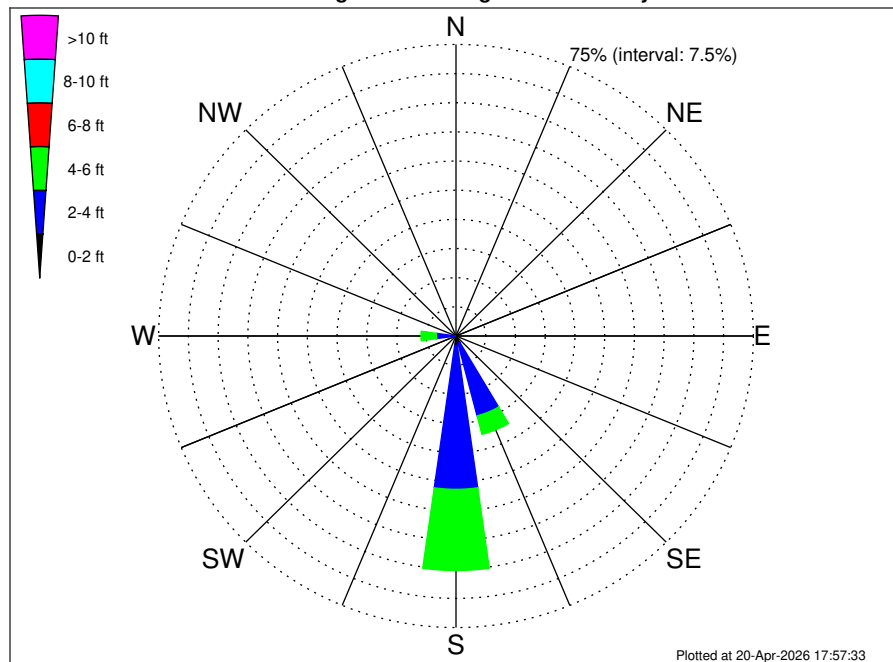


Most Frequent Wind Speed: 10.25 kts

May Wind Speed PDF: 1979 - 2015



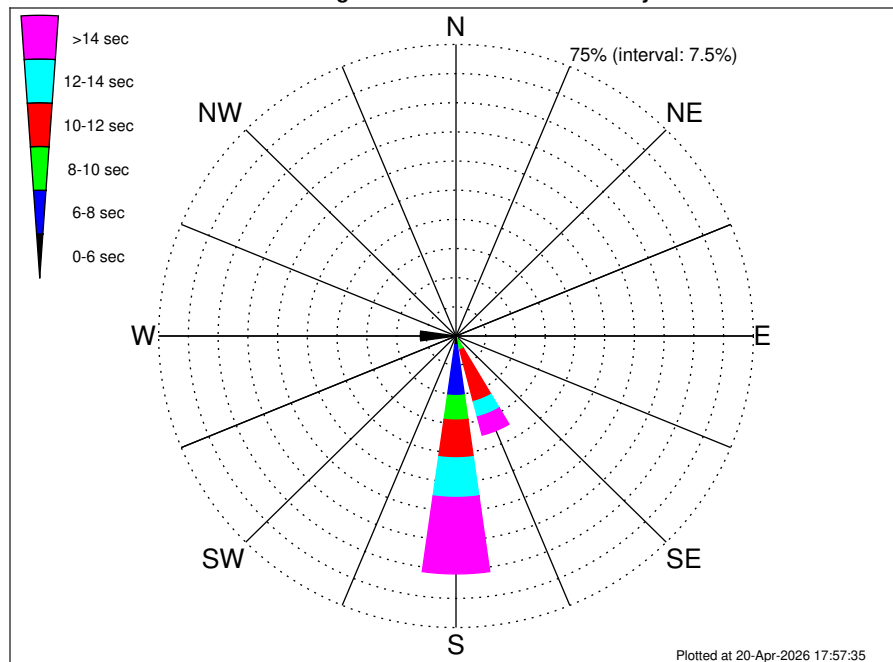
Petronas Oman Block 18 Climatological WaveHeight Rose for May: 1979 - 2015



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	•	•	•	•	•	•	0.16	1.90	2.45	•	•	0.03	0.18	•	•	•	4.71
2 - 4 ft	•	•	•	•	0.03	•	0.21	19.30	36.99	0.03	0.17	1.60	4.76	•	•	•	63.09
4 - 6 ft	•	•	•	•	•	•	•	4.92	20.89	0.01	0.04	0.83	3.89	•	•	•	30.58
6 - 8 ft	•	•	•	•	•	•	•	0.22	0.87	•	•	0.03	0.51	•	•	•	1.63
8 - 10 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10 - 12 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12 - 14 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14 - 16 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16 - 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
> 18 ft	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	•	•	•	•	0.03	•	0.36	26.34	61.20	0.04	0.21	2.48	9.34	•	•	•	100.00

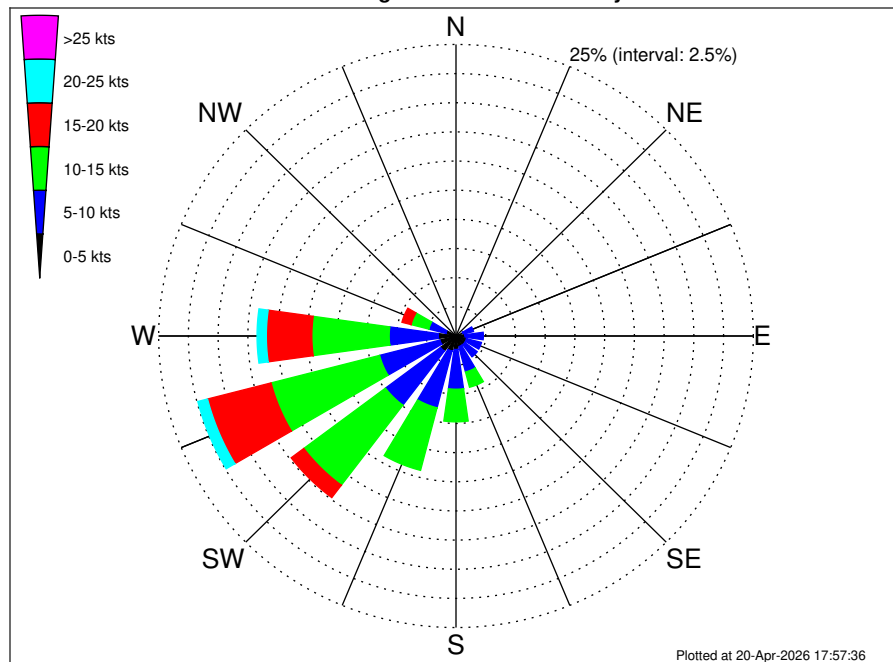
Petronas Oman Block 18 Climatological WavePeriod Rose for May: 1979 - 2015



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	•	•	•	•	•	0.10	0.77	1.05	•	•	•	1.94
4 - 6 sec	•	•	•	•	0.01	•	•	0.03	2.29	0.04	0.08	1.70	7.95	•	•	•	12.10
6 - 8 sec	•	•	•	•	•	•	•	0.48	13.05	•	0.03	0.01	0.34	•	•	•	13.90
8 - 10 sec	•	•	•	•	•	•	0.21	3.17	6.31	•	•	•	•	•	•	•	9.69
10 - 12 sec	•	•	•	•	•	•	0.16	13.75	9.70	•	•	•	•	•	•	•	23.61
12 - 14 sec	•	•	•	•	•	•	•	4.07	10.20	•	•	•	•	•	•	•	14.27
14 - 16 sec	•	•	•	•	•	•	•	2.87	9.86	•	•	•	•	•	•	•	12.73
18 - 20 sec	•	•	•	•	•	•	•	1.52	7.28	•	•	•	•	•	•	•	8.81
22 - 24 sec	•	•	•	•	•	•	•	0.44	2.51	•	•	•	•	•	•	•	2.95
Total	•	•	•	•	0.03	•	0.36	26.34	61.20	0.04	0.21	2.48	9.34	•	•	•	100.00

Petronas Oman Block 18 Climatological Wind Rose for May: 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	0.01	0.05	0.10	0.10	0.10	0.08	0.04	0.08	0.04	0.07	0.04	0.03	0.03	0.04	0.01	0.88
0 - 5 kts	0.42	0.31	0.55	0.52	0.65	0.81	0.85	0.90	1.08	1.29	1.56	1.35	1.46	0.86	0.55	0.35	13.49
5 - 10 kts	0.22	0.17	0.39	0.90	1.55	1.30	1.31	2.25	3.41	5.03	5.80	5.24	4.14	1.48	0.31	0.23	33.74
10 - 15 kts	0.05	0.01	0.09	0.20	0.60	0.29	0.62	1.35	2.80	5.54	8.60	9.43	6.50	1.53	0.18	0.10	37.90
15 - 20 kts	.	.	0.01	0.04	0.13	0.03	0.04	.	0.08	0.31	1.33	5.52	3.82	0.79	0.03	.	12.12
20 - 25 kts	.	.	.	.	.	.	.	.	.	.	0.05	0.85	0.78	0.10	.	.	1.78
25 - 30 kts	.	.	.	.	.	.	.	.	.	.	.	.	0.07	0.01	.	.	0.08
30 - 35 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35 - 40 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40 - 45 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
45 - 50 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	0.75	0.51	1.09	1.76	3.03	2.52	2.90	4.54	7.44	12.21	17.40	22.42	16.79	4.81	1.11	0.70	100.00