

Angola Namibia CRS Luanda (BU-LU) - May

Latitude: 8.85 S Longitude: 12.41 E

Weather Days

Wave Height > 5.0 ft Mean: 9.2 days Range: 5.3 - 13.0 days p50:9.5 days p75:6 days p90:4.5 days
Wave Height > 6.5 ft Mean: 1.6 days Range: 0.2 - 3.0 days p50:2.5 days p75:1 days p90:1 days
Wave Height > 8.0 ft Mean: 0.2 days Range: 0.0 - 0.5 days p50:30 days p75:30 days p90:1 days

Wind Speed > 15.0 knots Mean: 2.0 days Range: 0.8 - 3.2 days p50:2 days p75:1.5 days p90:1 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 < 5.0 ft	A 1 day or longer window will statistically occur 1.9 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 0.6 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 3.4 times per month A 2 day or longer window will statistically occur 2.7 times per month A 3 day or longer window will statistically occur 2.2 times per month
Wave Height < 8.0 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 1.9 times per month

Waves

Mean Height: 4 - 6 ft
The wave heights will occasionally reach 10 - 12 ft, but rarely higher.
Mean Period: 12 - 14 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: SSW
WindSea/Swell: 0% / 100%

Winds

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

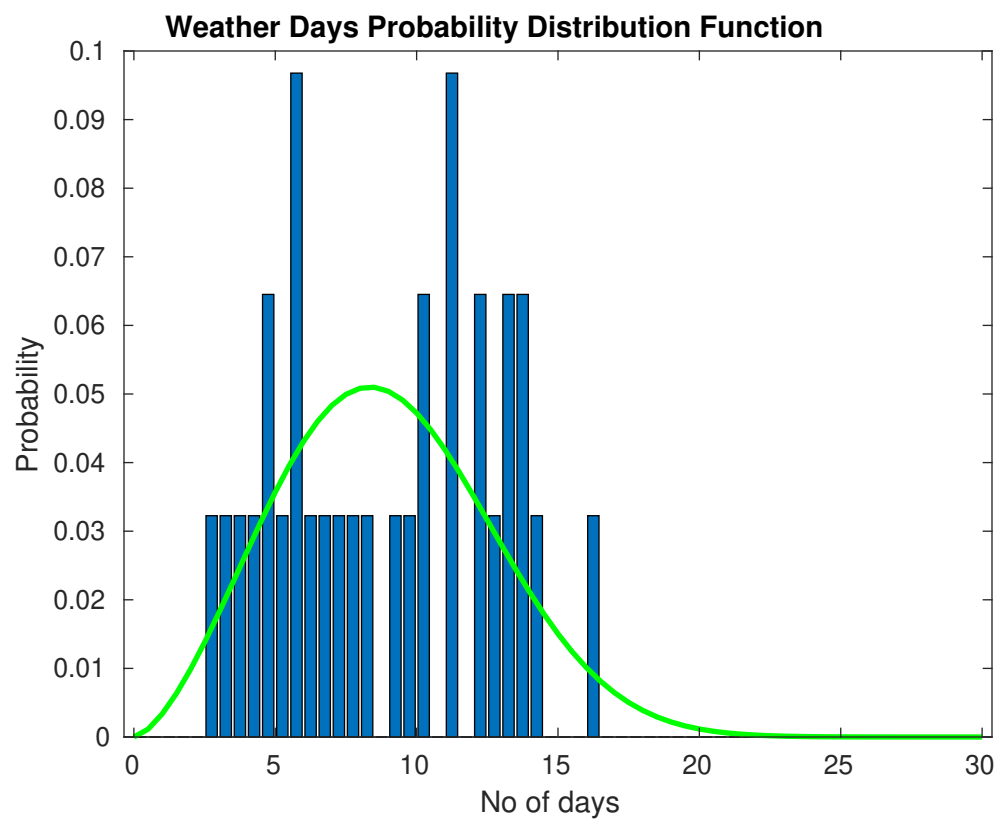
Currents

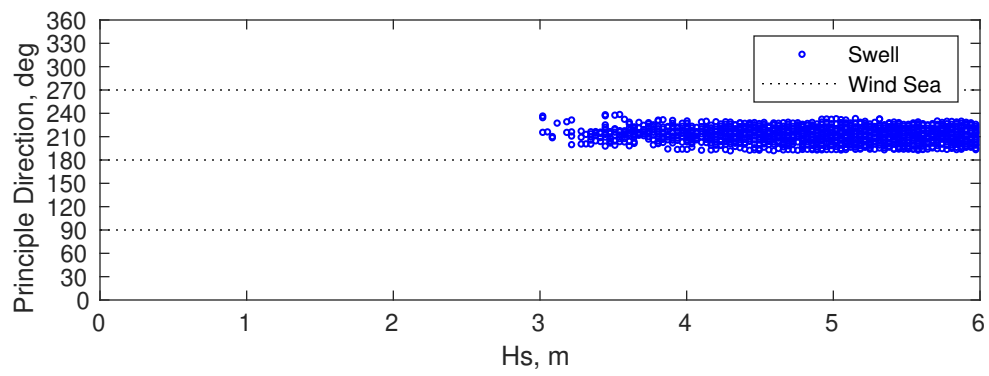
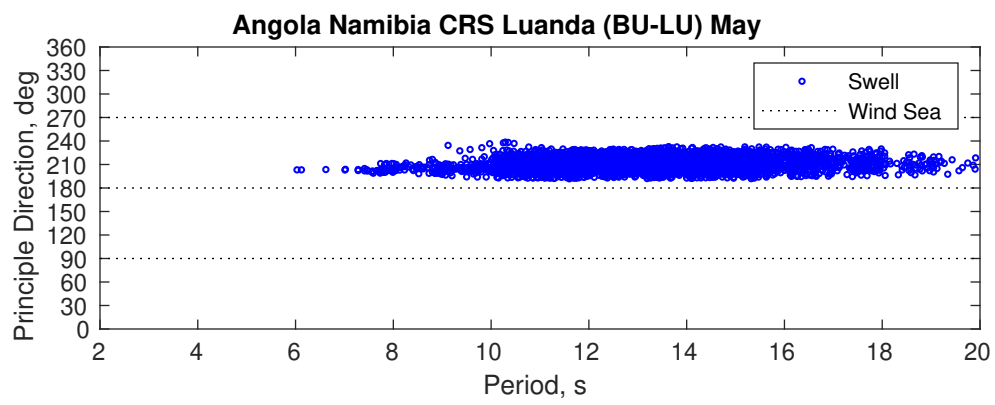
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 1.00-1.25 kts, but rarely greater.
Principle Direction, to: N

Weather Days
Current Speed > 0.5 knots Mean: 13.5 days Range: 7.4 - 19.6 days p50:15 days p75:12 days p90:5 days
Current Speed > 1.0 knots Mean: 0.7 days Range: 0.0 - 2.5 days p50:1 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days

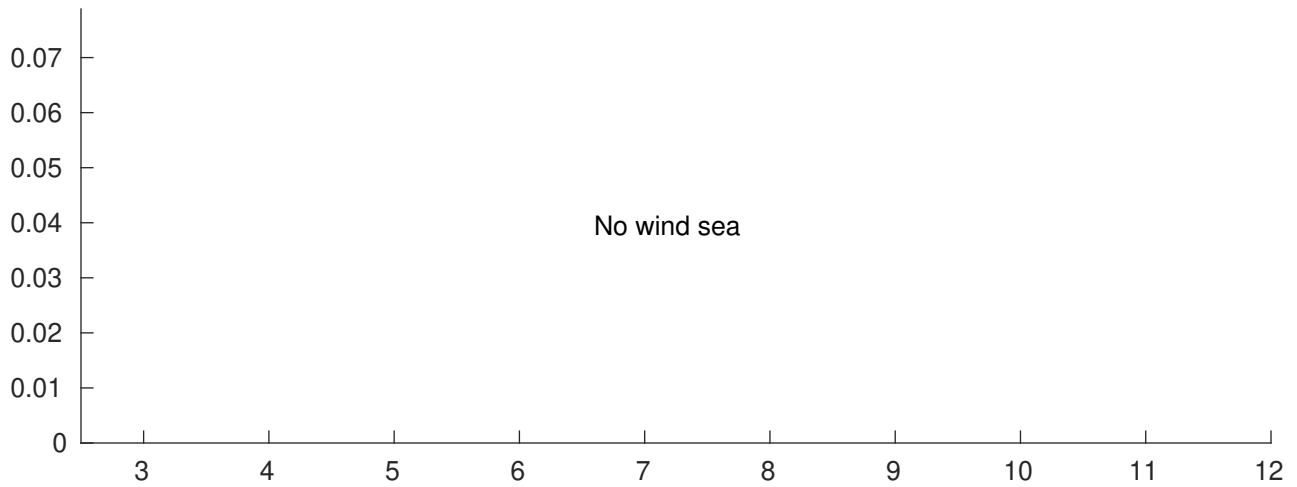
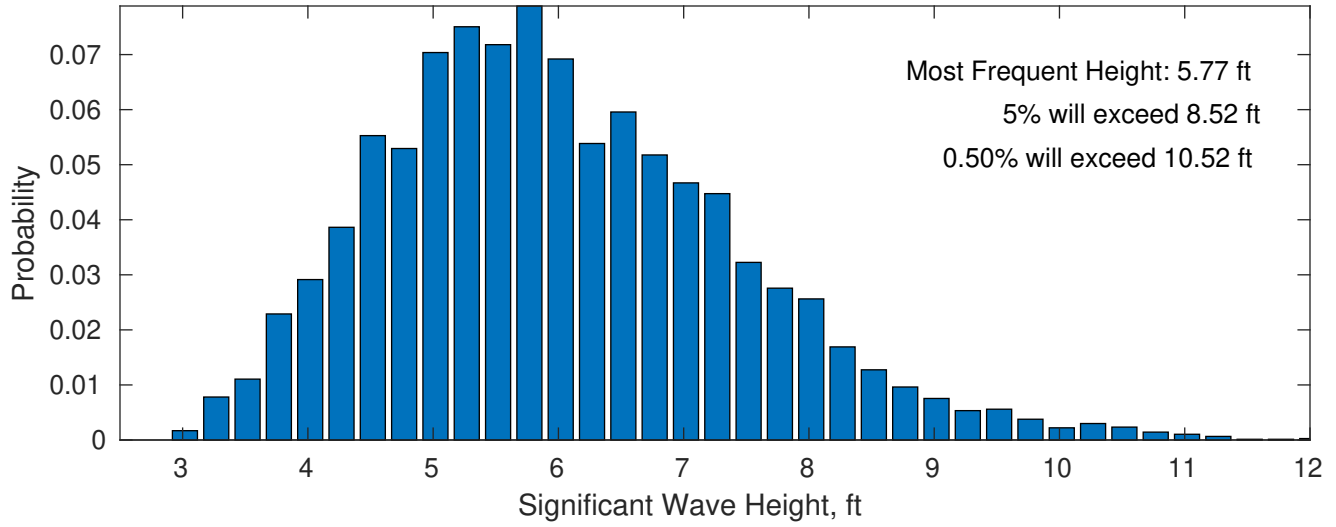
Severe Storms

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

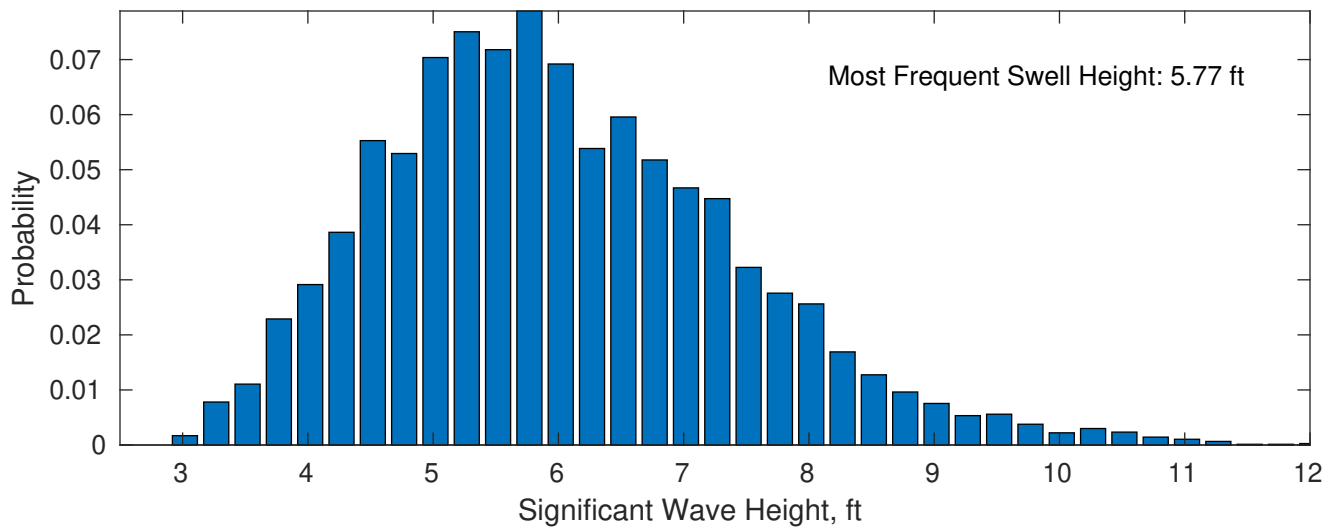




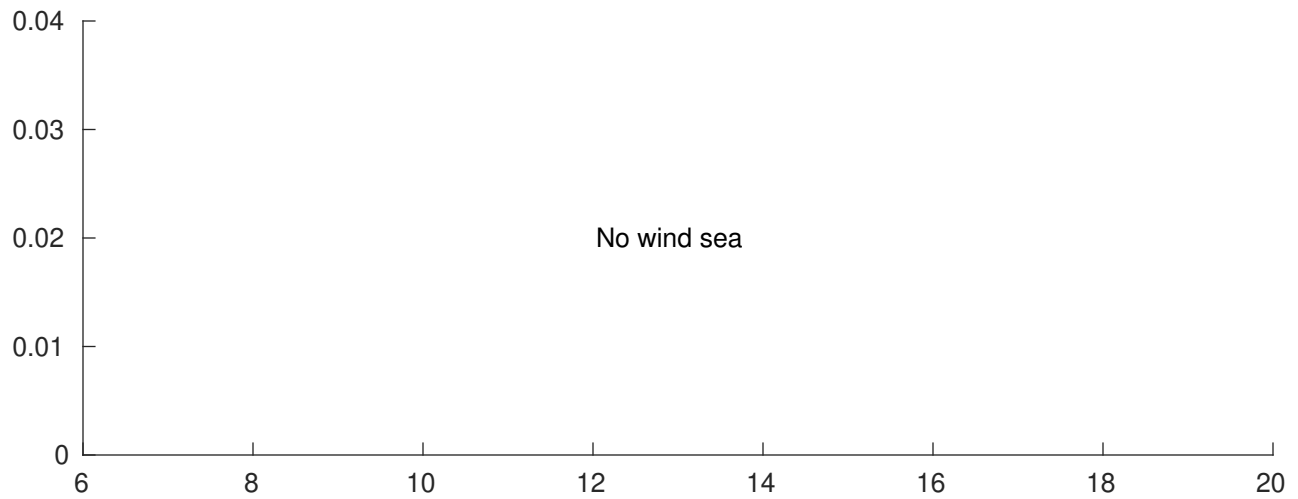
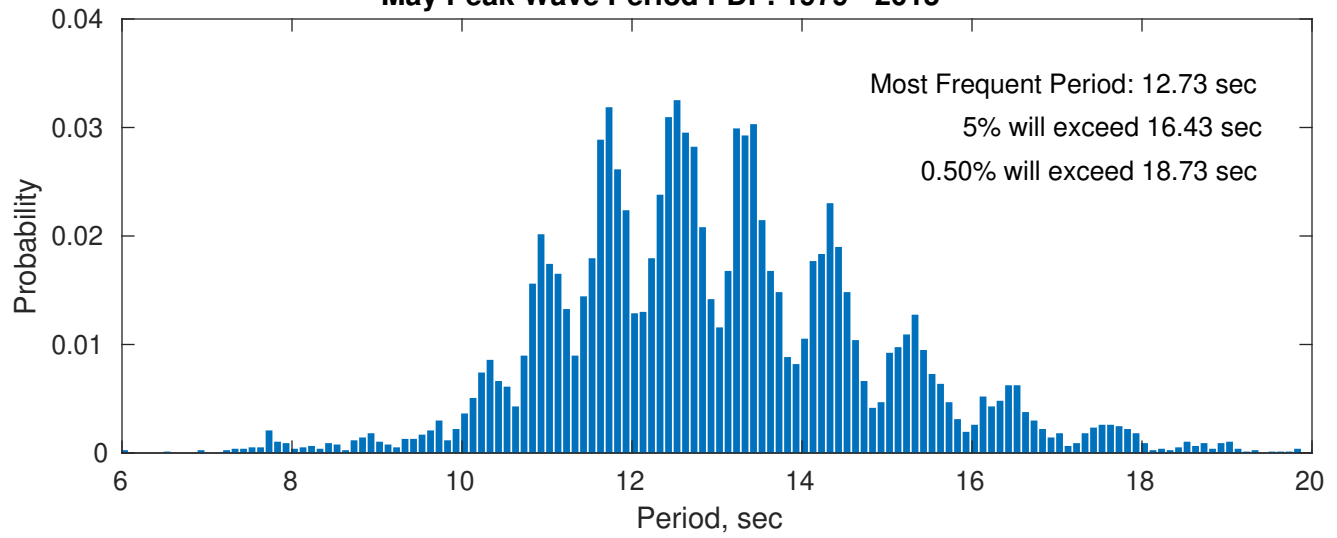
May Wave Height PDF: 1979 - 2015



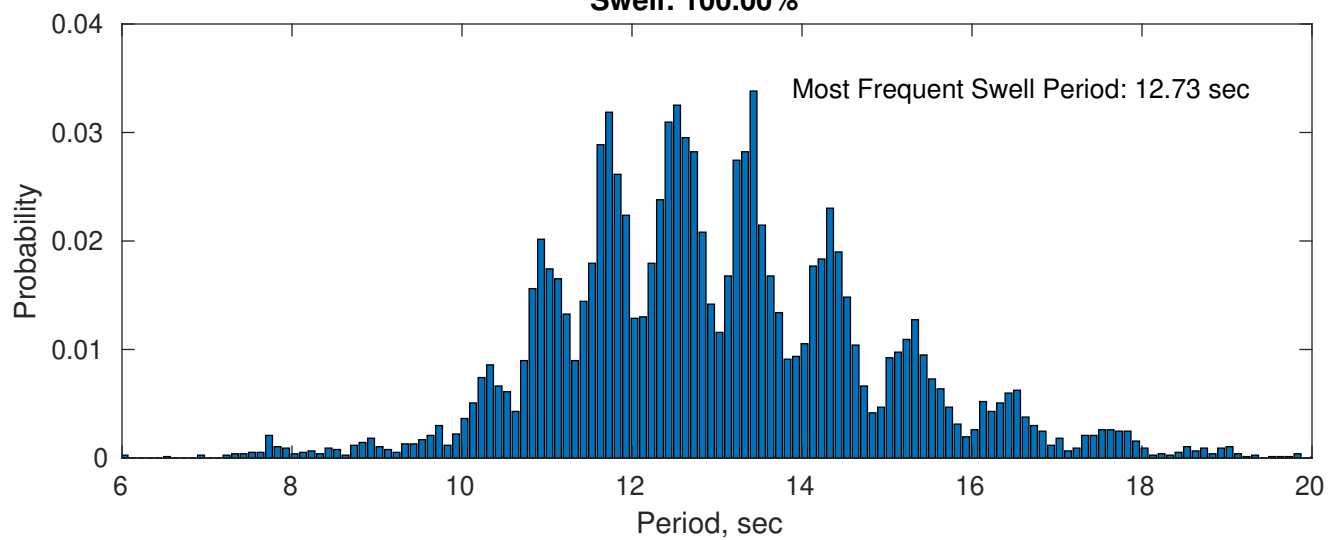
Swell: 100.00%



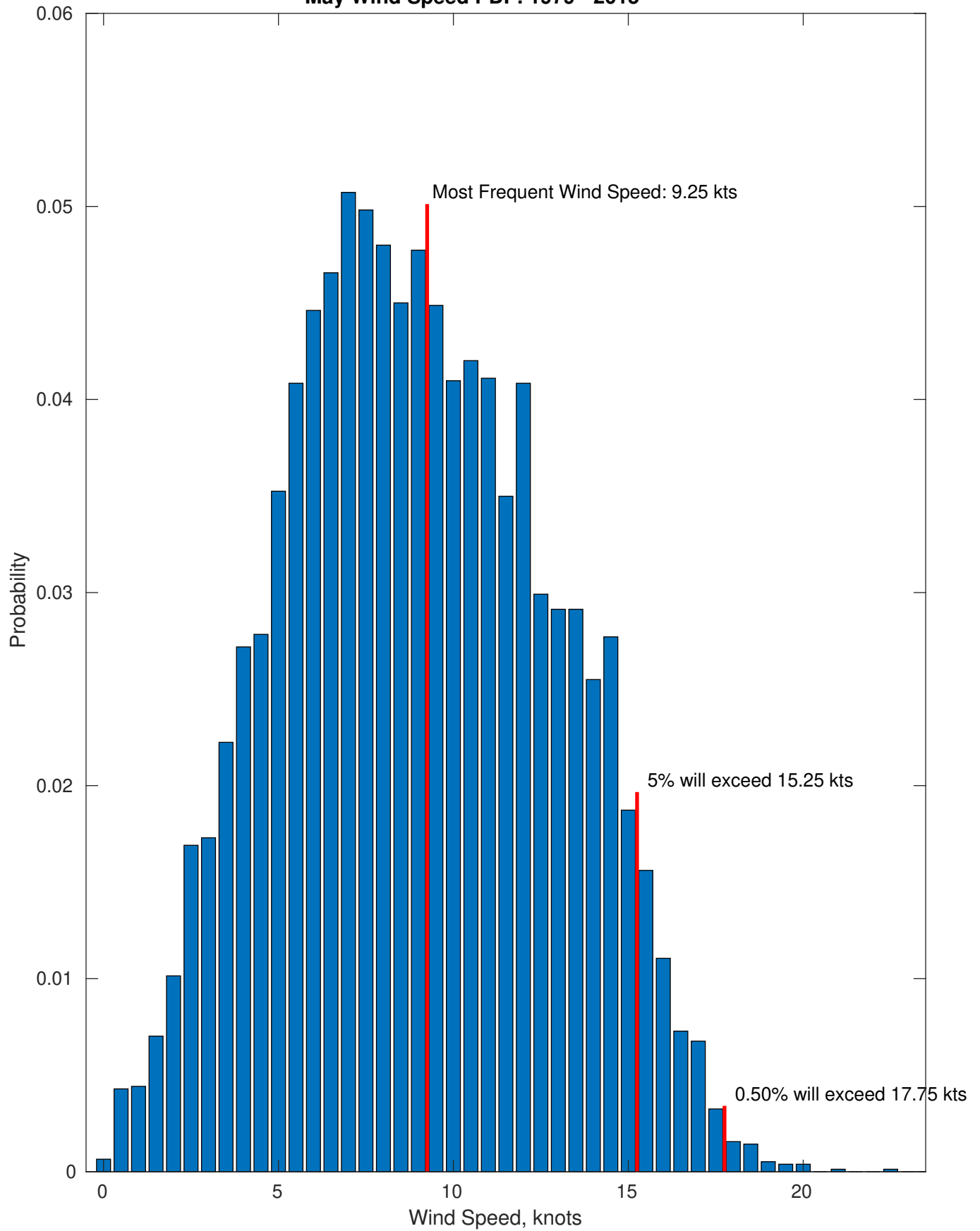
May Peak Wave Period PDF: 1979 - 2015



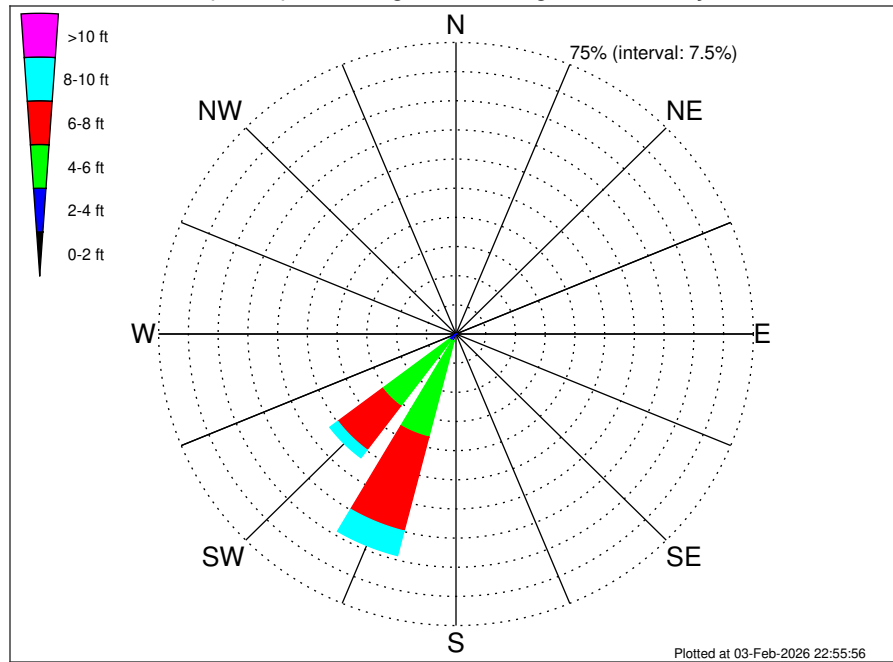
Swell: 100.00%



May Wind Speed PDF: 1979 - 2015



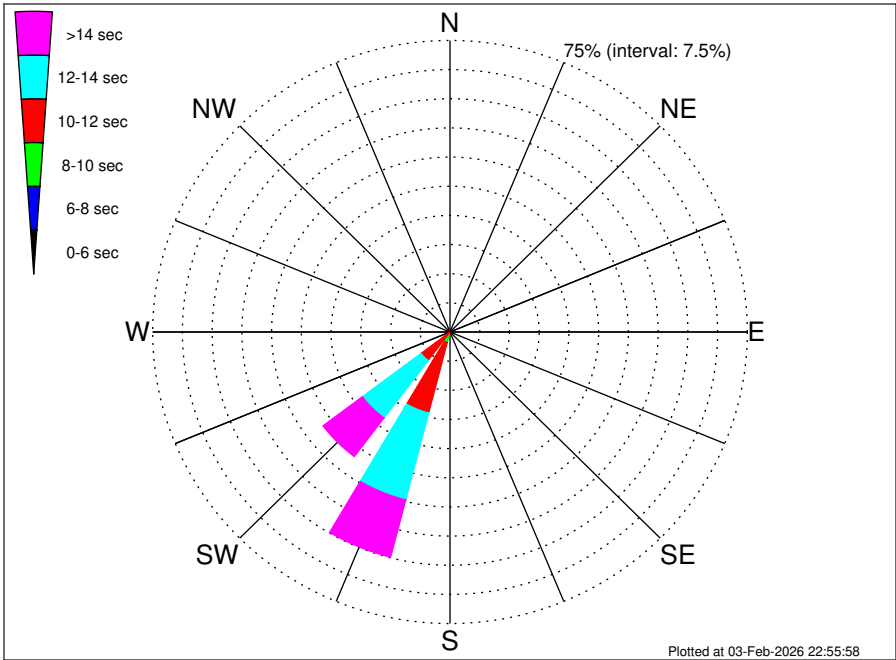
Angola Namibia CRS Luanda (BU-LU) Climatological WaveHeight Rose for May: 1979 - 2015



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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2 - 4 ft	.	.	.	.	.	.	.	.	.	1.85	2.04	0.07	.	.	.	.	3.95
4 - 6 ft	.	.	.	.	.	.	.	.	.	25.56	21.19	.	.	.	.	.	46.75
6 - 8 ft	.	.	.	.	.	.	.	.	.	24.95	14.10	.	.	.	.	.	39.05
8 - 10 ft	.	.	.	.	.	.	.	.	.	6.53	2.52	.	.	.	.	.	9.05
10 - 12 ft	.	.	.	.	.	.	.	.	.	0.87	0.25	.	.	.	.	.	1.12
12 - 14 ft	.	.	.	.	.	.	.	.	.	0.08	.	.	.	.	.	.	0.08
14 - 16 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16 - 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
> 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	.	.	.	.	.	.	.	.	.	59.83	40.10	0.07	.	.	.	.	100.00

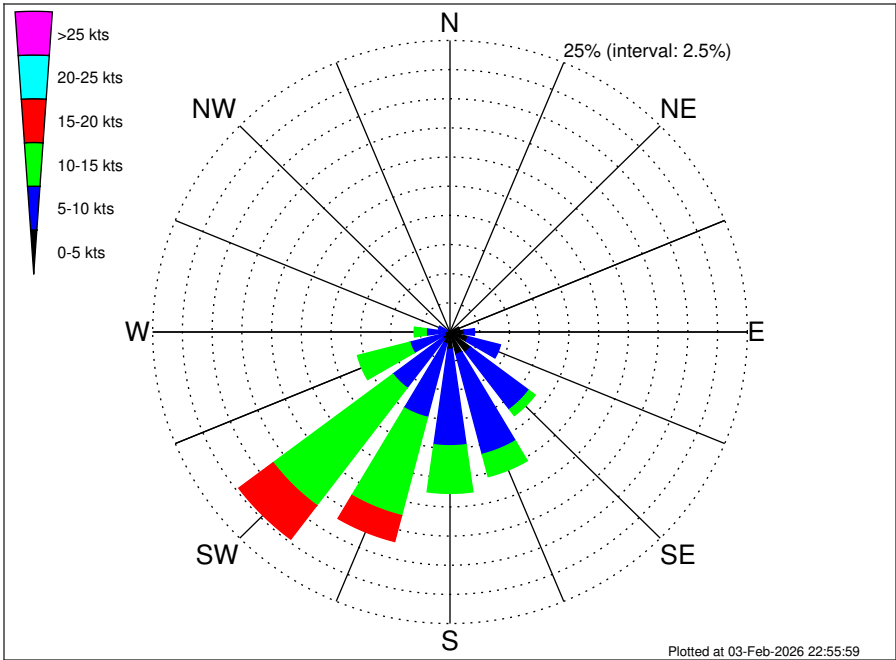
Angola Namibia CRS Luanda (BU-LU) Climatological WavePeriod Rose for May: 1979 - 2015



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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4 - 6 sec	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
6 - 8 sec	•	•	•	•	•	•	•	•	•	0.65	•	•	•	•	•	•	0.65
8 - 10 sec	•	•	•	•	•	•	•	•	•	2.13	0.16	0.01	•	•	•	•	2.30
10 - 12 sec	•	•	•	•	•	•	•	•	•	18.74	9.03	0.05	•	•	•	•	27.82
12 - 14 sec	•	•	•	•	•	•	•	•	•	23.09	18.51	•	•	•	•	•	41.60
14 - 16 sec	•	•	•	•	•	•	•	•	•	11.52	9.18	•	•	•	•	•	20.71
18 - 20 sec	•	•	•	•	•	•	•	•	•	2.98	2.95	•	•	•	•	•	5.93
22 - 24 sec	•	•	•	•	•	•	•	•	•	0.72	0.27	•	•	•	•	•	0.99
Total	•	•	•	•	•	•	•	•	•	59.83	40.10	0.07	•	•	•	•	100.00

Angola Namibia CRS Luanda (BU-LU) 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	0.01	0.04	0.01	0.08	0.05	•	0.09	0.03	0.05	0.01	0.05	•	0.01	0.01	0.04	•	0.49
0 - 5 kts	0.21	0.40	0.43	0.74	1.14	1.57	2.07	1.95	1.44	1.03	0.70	0.52	0.42	0.26	0.26	0.16	13.31
5 - 10 kts	0.04	0.20	0.33	0.43	0.87	2.81	6.15	8.86	8.26	6.52	5.25	2.97	1.57	0.73	0.35	0.01	45.34
10 - 15 kts	•	0.01	•	0.01	0.04	0.20	0.66	1.98	4.08	8.70	12.62	4.55	1.01	0.16	0.09	0.01	34.13
15 - 20 kts	•	•	•	•	•	•	0.03	0.01	0.16	2.30	3.62	0.55	•	•	•	•	6.66
20 - 25 kts	•	•	•	•	•	•	•	•	•	0.03	0.04	•	•	•	•	•	0.07
25 - 30 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30 - 35 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
35 - 40 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.26	0.65	0.77	1.26	2.11	4.58	9.00	12.83	14.00	18.59	22.28	8.58	3.02	1.16	0.74	0.18	100.00