

Angola Namibia CRS Luanda (BU-LU) - August

Latitude: 8.85 S Longitude: 12.41 E

Weather Days

Wave Height > 5.0 ft Mean: 10.3 days Range: 6.8 - 13.8 days p50:10 days p75:7.5 days p90:6.5 days
Wave Height > 6.5 ft Mean: 2.8 days Range: 0.8 - 4.8 days p50:2.5 days p75:2 days p90:1 days
Wave Height > 8.0 ft Mean: 0.5 days Range: 0.0 - 1.2 days p50:30 days p75:1 days p90:1 days

Wind Speed > 15.0 knots Mean: 0.2 days Range: 0.0 - 0.4 days p50:0.5 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 < 5.0 ft	A 1 day or longer window will statistically occur 2.5 times per month A 2 day or longer window will statistically occur 1.5 times per month A 3 day or longer window will statistically occur 0.9 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 3.3 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 2.1 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 2.8 times per month A 2 day or longer window will statistically occur 2.4 times per month A 3 day or longer window will statistically occur 2.0 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: SSW

Currents

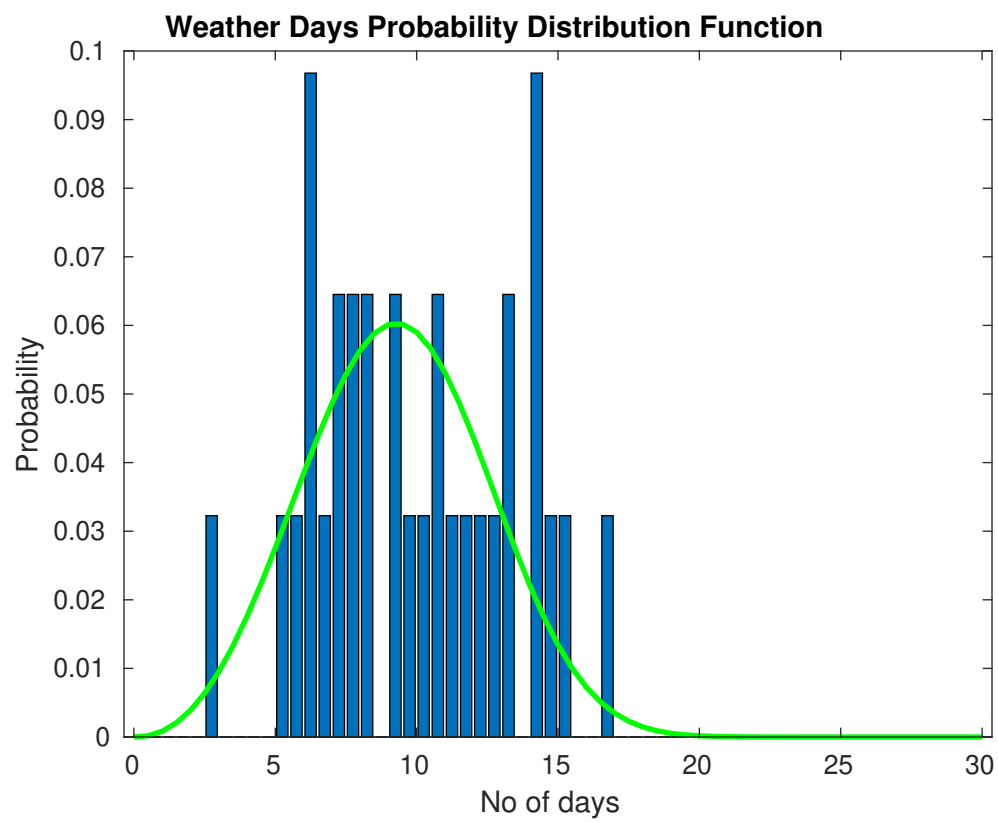
Mean Speed: 0.25-0.50 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: S

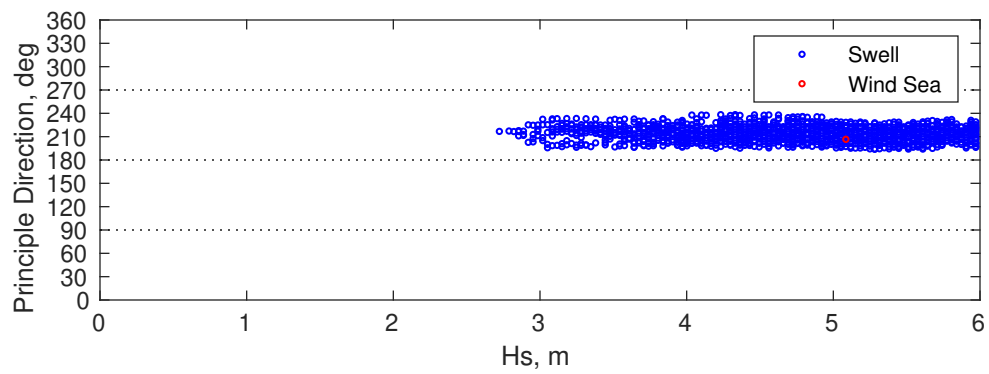
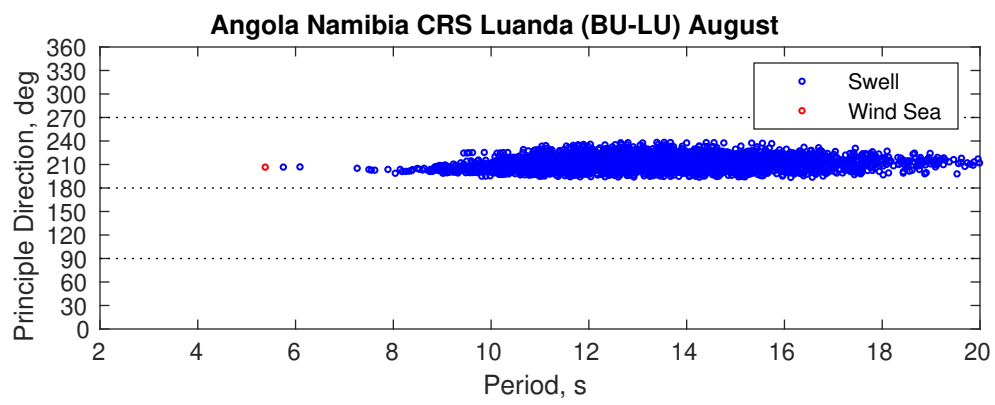
Weather Days

Current Speed > 0.5 knots Mean: 5.8 days Range: 0.3 - 11.4 days p50:4 days p75:1 days p90:1 days
Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.6 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

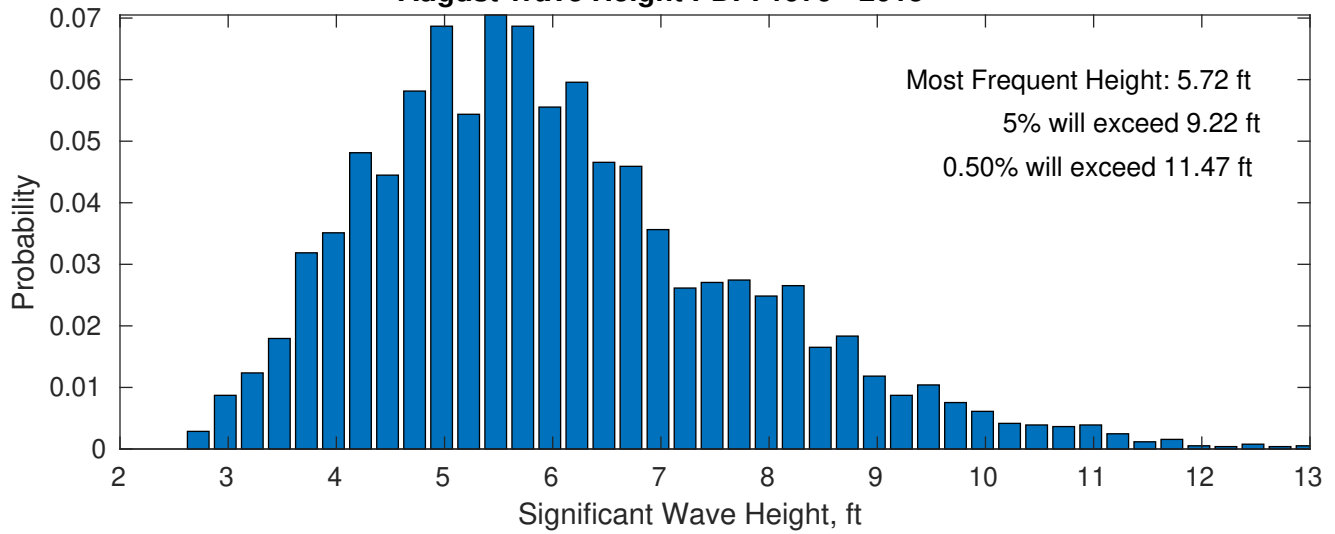
Severe Storms

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

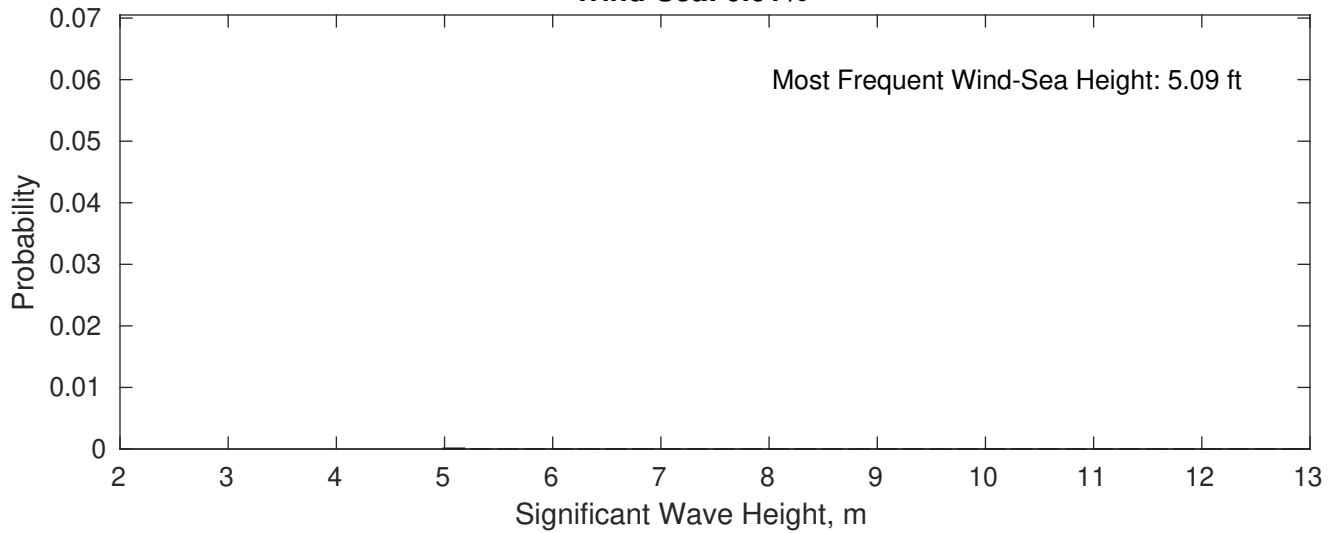




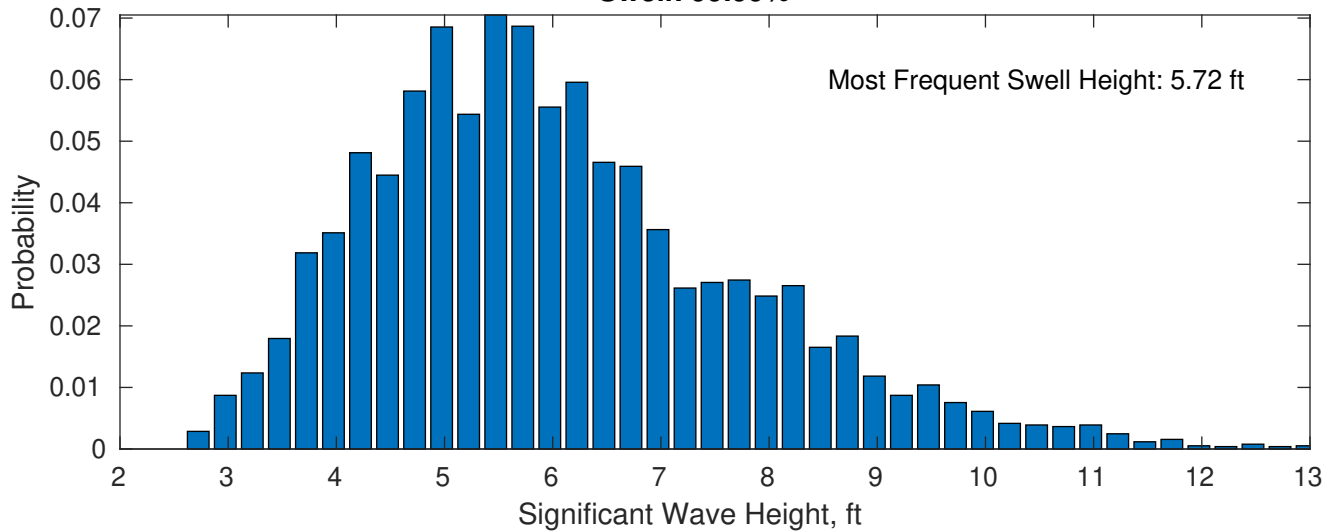
August Wave Height PDF: 1979 - 2015



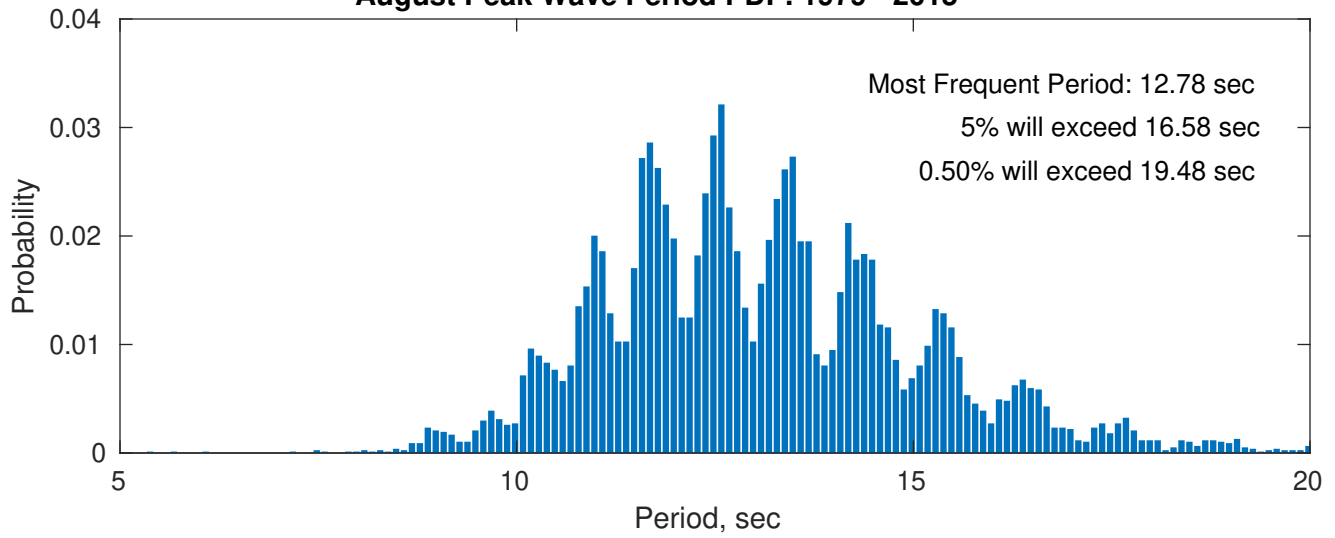
Wind-Sea: 0.01%



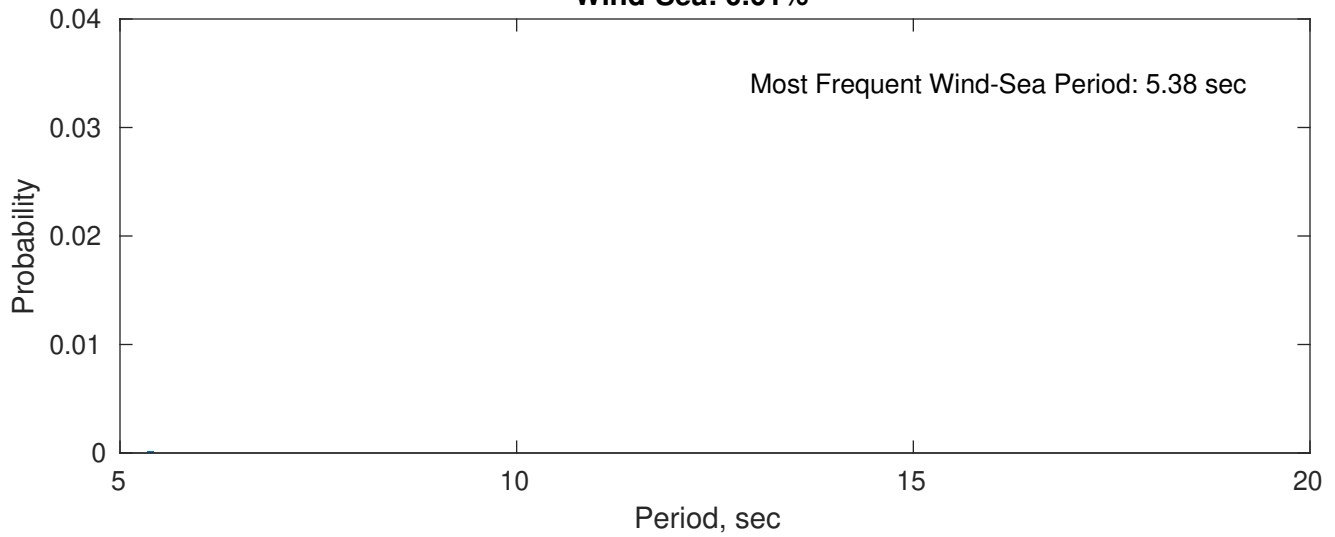
Swell: 99.99%



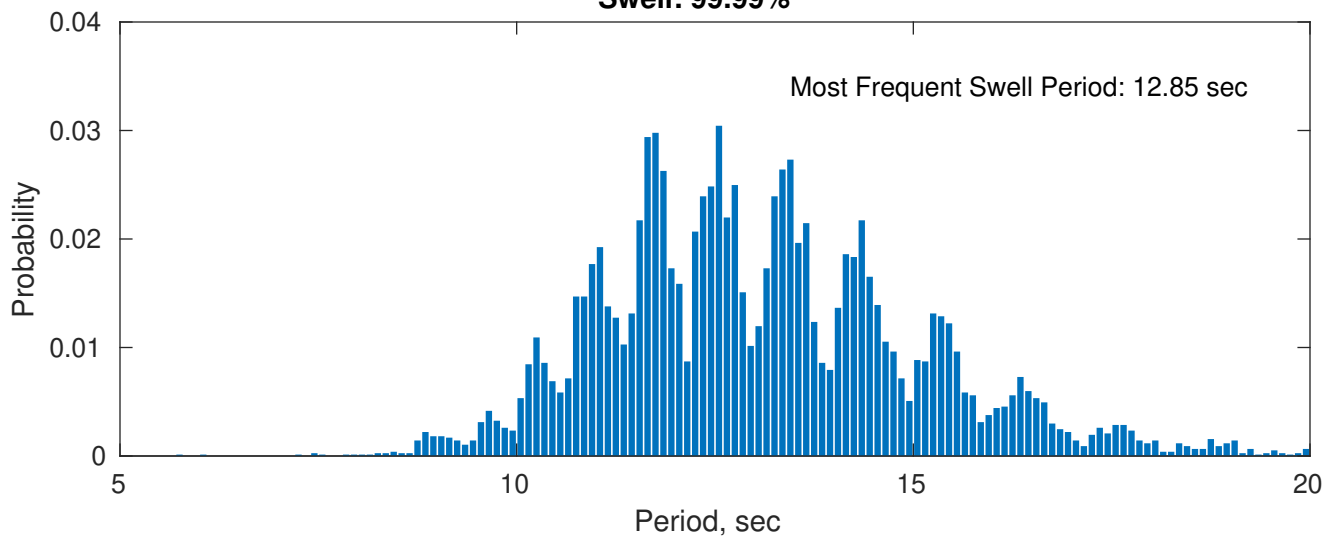
August Peak Wave Period PDF: 1979 - 2015



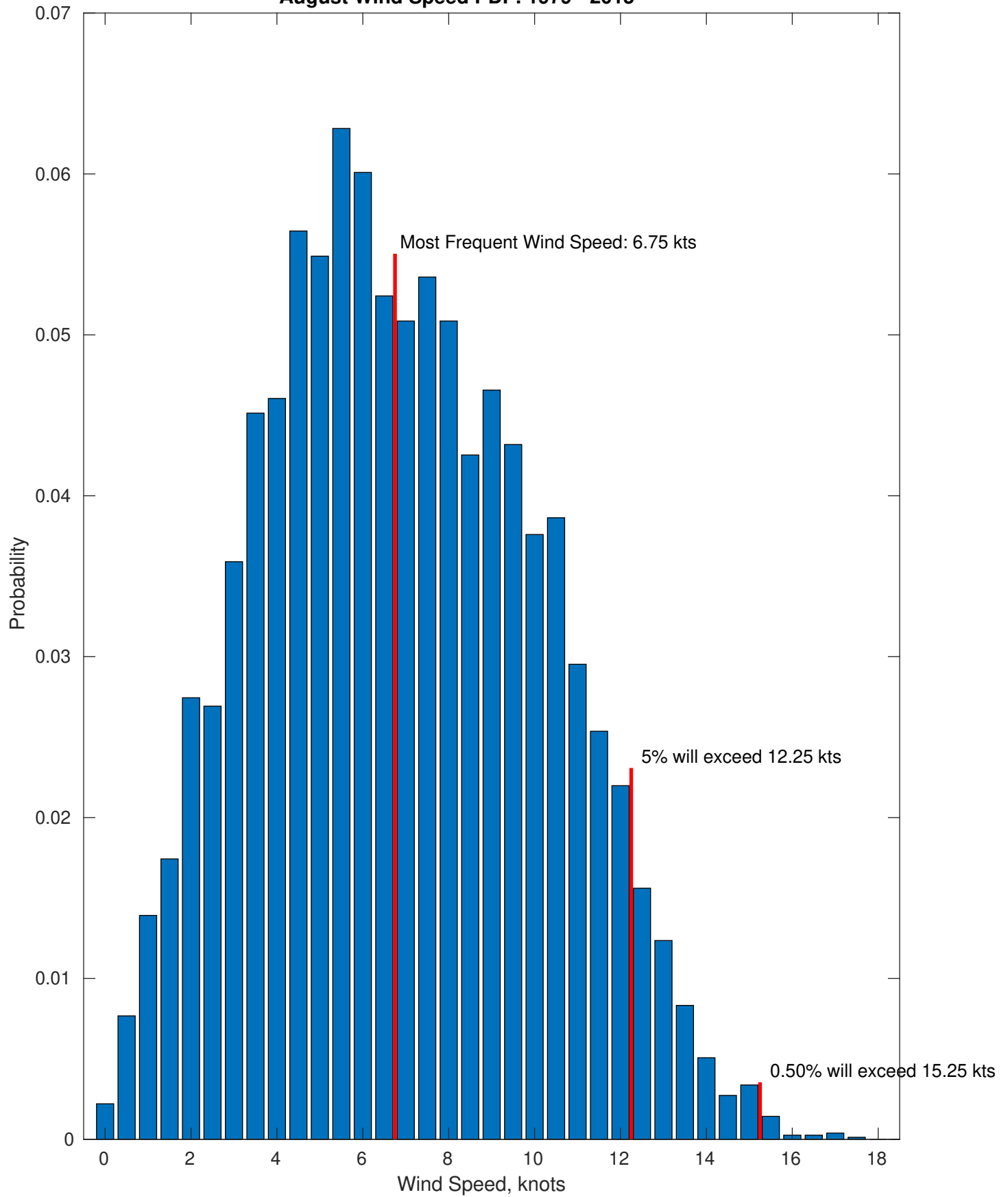
Wind-Sea: 0.01%



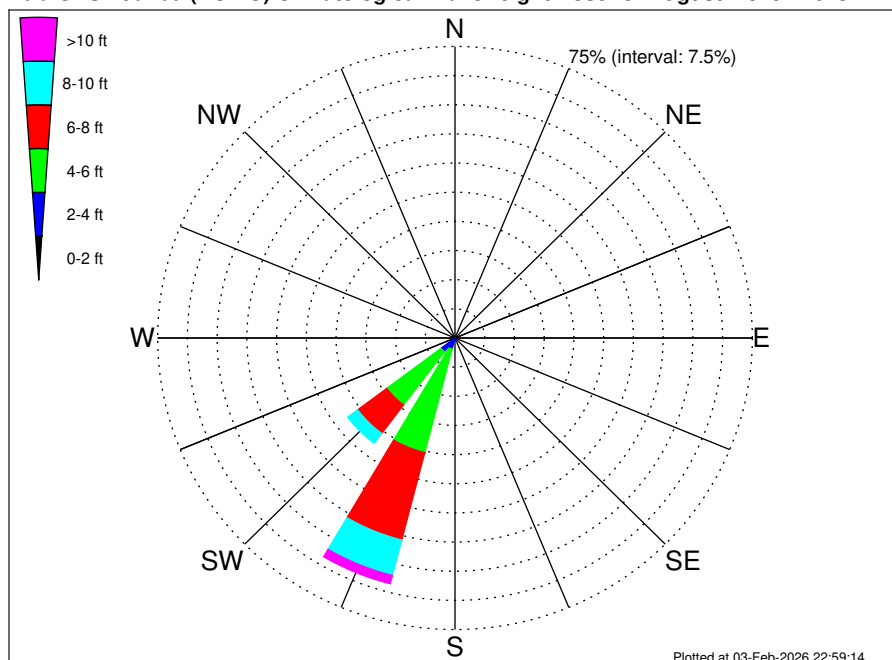
Swell: 99.99%



August Wind Speed PDF: 1979 - 2015



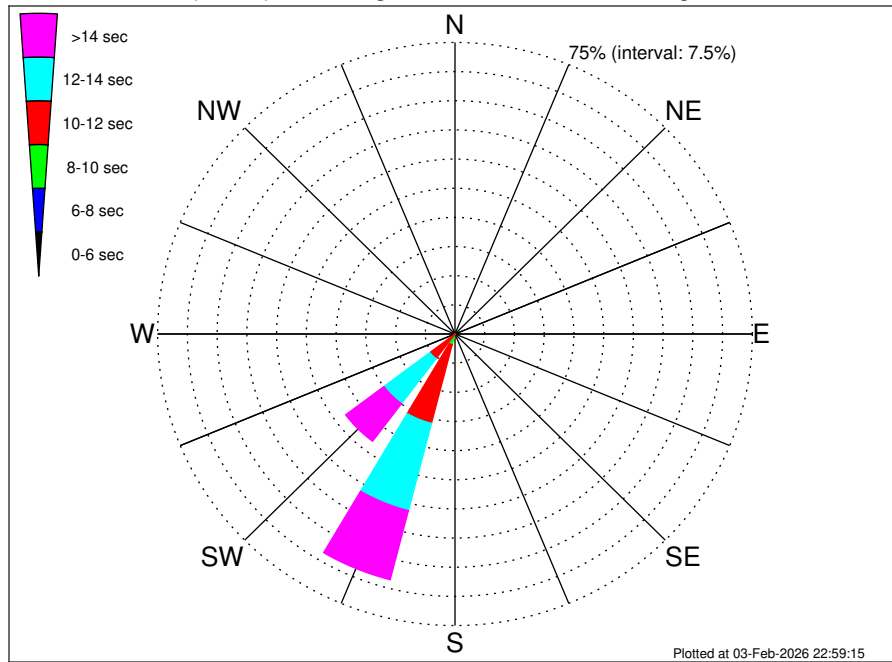
Angola Namibia CRS Luanda (BU-LU) Climatological WaveHeight Rose for August: 1979 - 2015



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	.	.	.	.	.	.	.	.	.	2.97	4.41	.	.	.	.	.	7.38
4 - 6 ft	.	.	.	.	.	.	.	.	.	27.50	17.14	0.17	.	.	.	.	44.81
6 - 8 ft	.	.	.	.	.	.	.	.	.	23.20	9.18	.	.	.	.	.	32.39
8 - 10 ft	.	.	.	.	.	.	.	.	.	9.43	3.13	.	.	.	.	.	12.57
10 - 12 ft	.	.	.	.	.	.	.	.	.	1.94	0.68	.	.	.	.	.	2.61
12 - 14 ft	.	.	.	.	.	.	.	.	.	0.25	.	.	.	.	.	.	0.25
14 - 16 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16 - 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
> 18 ft	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	.	.	.	.	.	.	.	.	.	65.28	34.55	0.17	.	.	.	.	100.00

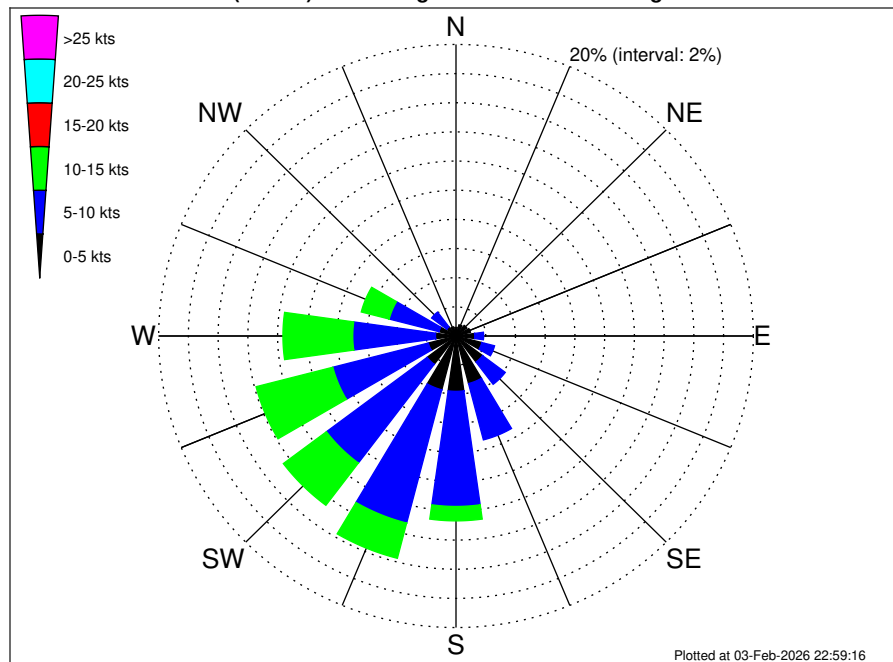
Angola Namibia CRS Luanda (BU-LU) Climatological WavePeriod Rose for August: 1979 - 2015



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	.	.	.	.	.	.	.	.	.	0.03	.	.	.	.	.	.	0.03
6 - 8 sec	.	.	.	.	.	.	.	.	.	0.08	.	.	.	.	.	.	0.08
8 - 10 sec	.	.	.	.	.	.	.	.	.	2.73	0.14	.	.	.	.	.	2.87
10 - 12 sec	.	.	.	.	.	.	.	.	.	20.92	7.80	.	.	.	.	.	28.72
12 - 14 sec	.	.	.	.	.	.	.	.	.	23.18	14.50	0.09	.	.	.	.	37.77
14 - 16 sec	.	.	.	.	.	.	.	.	.	13.98	8.14	0.08	.	.	.	.	22.20
18 - 20 sec	.	.	.	.	.	.	.	.	.	3.47	3.12	.	.	.	.	.	6.59
22 - 24 sec	.	.	.	.	.	.	.	.	.	0.90	0.83	.	.	.	.	.	1.73
Total	.	.	.	.	.	.	.	.	.	65.28	34.55	0.17	.	.	.	.	100.00

Angola Namibia CRS Luanda (BU-LU) 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	0.10	0.05	0.07	0.05	0.09	0.05	0.08	0.04	0.05	0.04	0.10	0.07	0.05	0.09	0.04	0.99
0 - 5 kts	0.57	0.69	0.86	0.94	1.21	1.70	2.19	3.29	3.76	3.76	2.39	1.82	1.31	1.13	0.69	0.61	26.93
5 - 10 kts	0.16	0.43	0.40	0.25	0.60	0.88	1.91	3.99	7.90	9.44	8.48	6.63	5.57	3.46	1.27	0.40	51.78
10 - 15 kts	.	0.01	.	.	.	0.01	.	0.13	0.99	2.50	3.63	5.33	4.70	1.94	0.39	0.09	19.72
15 - 20 kts	.	.	.	.	.	.	.	.	.	0.07	0.16	0.22	0.12	0.03	.	.	0.59
20 - 25 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25 - 30 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30 - 35 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35 - 40 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
40 - 45 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
45 - 50 kts	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	0.74	1.24	1.31	1.25	1.86	2.69	4.15	7.49	12.68	15.82	14.70	14.11	11.76	6.61	2.45	1.14	100.00