

Angola Namibia CRS Swakopmunds (BU-SW) - October

Latitude: 22.64 S Longitude: 13.12 E

Weather Days

Wave Height > 5.0 ft Mean: 25.5 days Range: 23.2 - 27.8 days p50:26 days p75:23.5 days p90:22.5 days
Wave Height > 6.5 ft Mean: 20.1 days Range: 16.8 - 23.5 days p50:21.5 days p75:17.5 days p90:15 days
Wave Height > 8.0 ft Mean: 13.9 days Range: 10.4 - 17.3 days p50:14 days p75:11.5 days p90:9.5 days

Wind Speed > 15.0 knots Mean: 14.6 days Range: 12.2 - 17.1 days p50:15.5 days p75:13 days p90:11.5 days
Wind Speed > 20.0 knots Mean: 4.9 days Range: 2.9 - 6.8 days p50:4.5 days p75:3.5 days p90:3 days
Wind Speed > 25.0 knots Mean: 0.5 days Range: 0.0 - 1.1 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 0.5 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 0.1 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 2.1 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 0.3 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.3 times per month A 2 day or longer window will statistically occur 2.3 times per month A 3 day or longer window will statistically occur 1.3 times per month

Waves

Mean Height: 8 - 10 ft
The wave heights will occasionally reach 16 - 18 ft, but rarely higher.
Mean Period: 10 - 12 sec
The wave periods will occasionally reach 18 - 20 sec, but rarely longer.
Principle Direction, from: SW
WindSea/Swell: 9% / 91%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: SSE

Currents

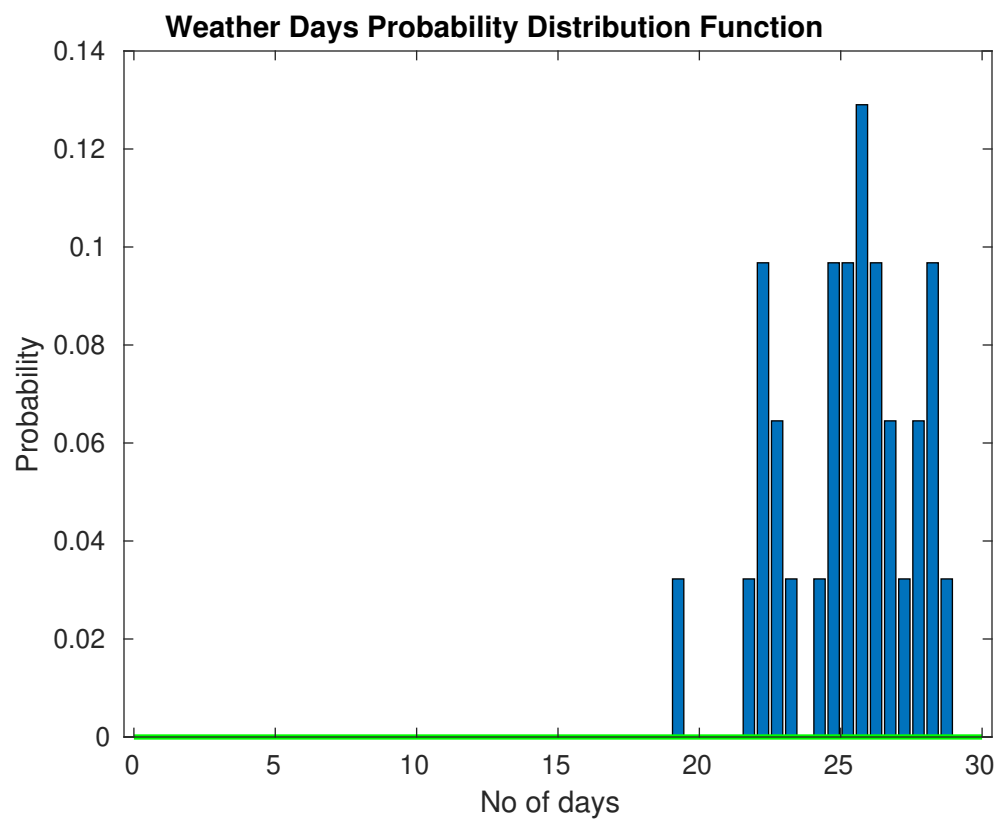
Mean Speed: 0.01-0.25 kts
The currents will occasionally reach 0.75-1.00 kts, but rarely greater.
Principle Direction, to: NW

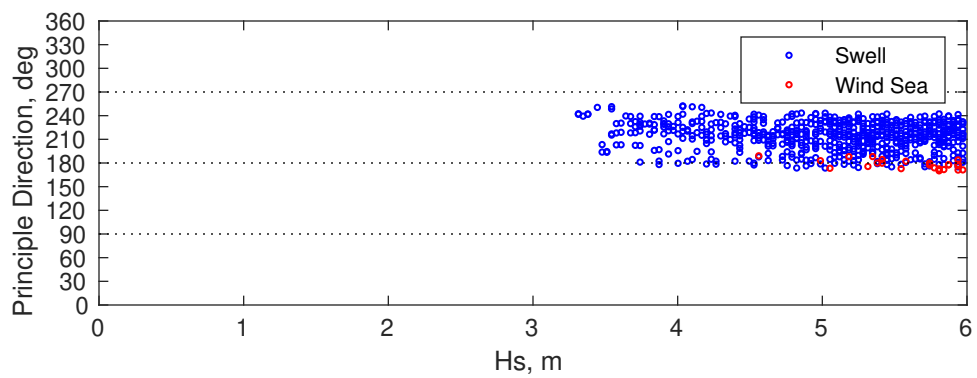
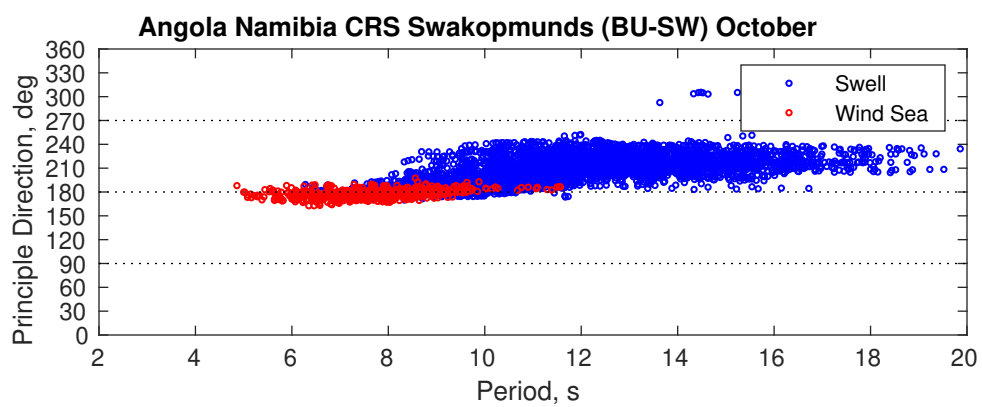
Weather Days

Current Speed > 0.5 knots Mean: 2.4 days Range: 0.0 - 4.8 days p50:3 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

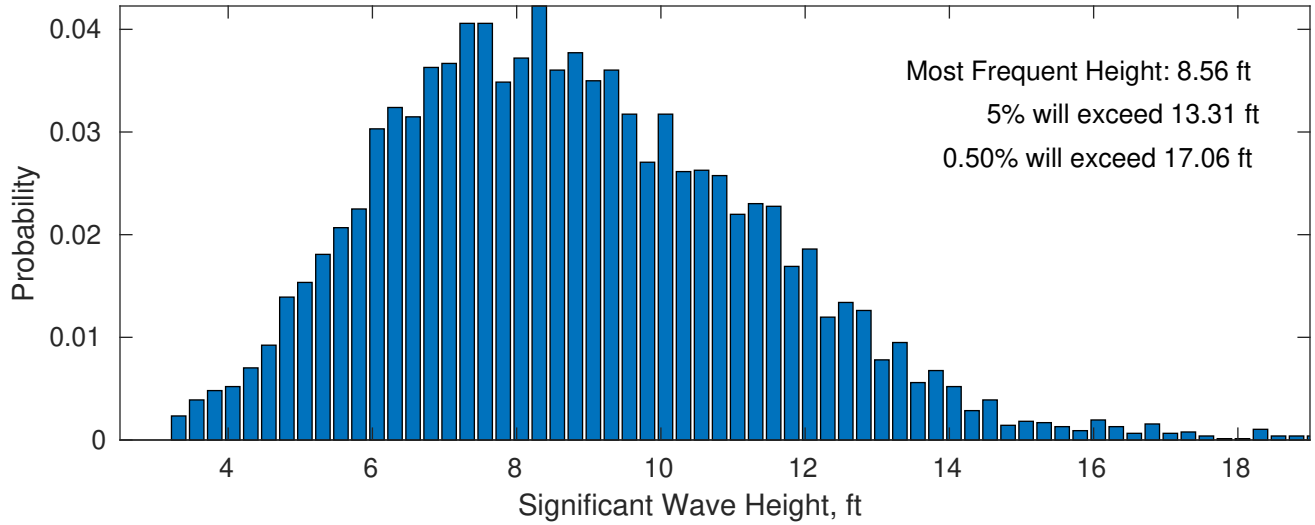
Severe Storms

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

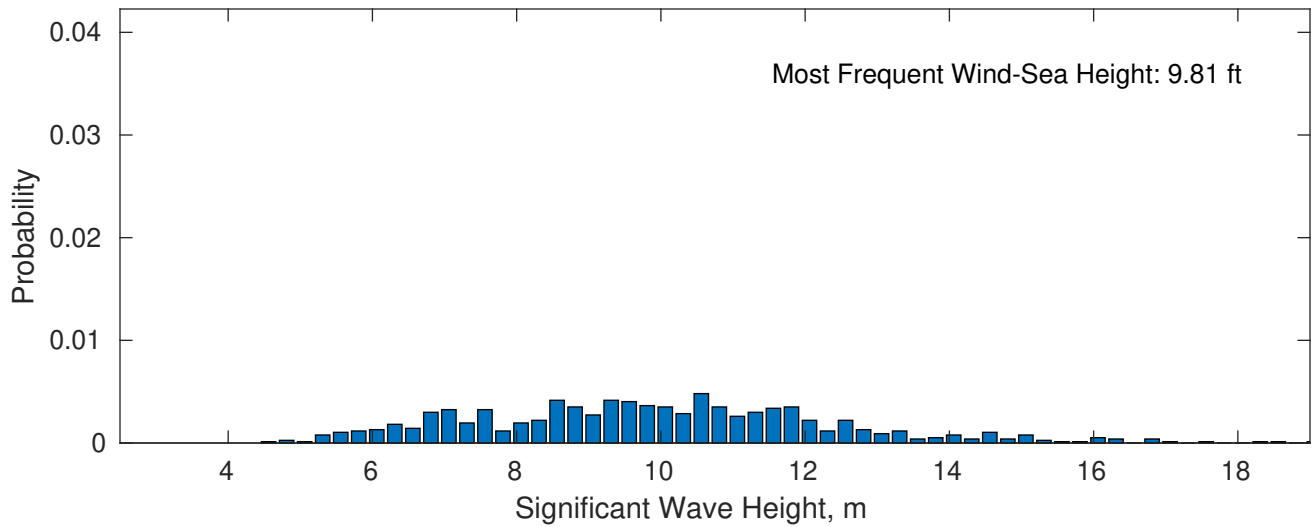




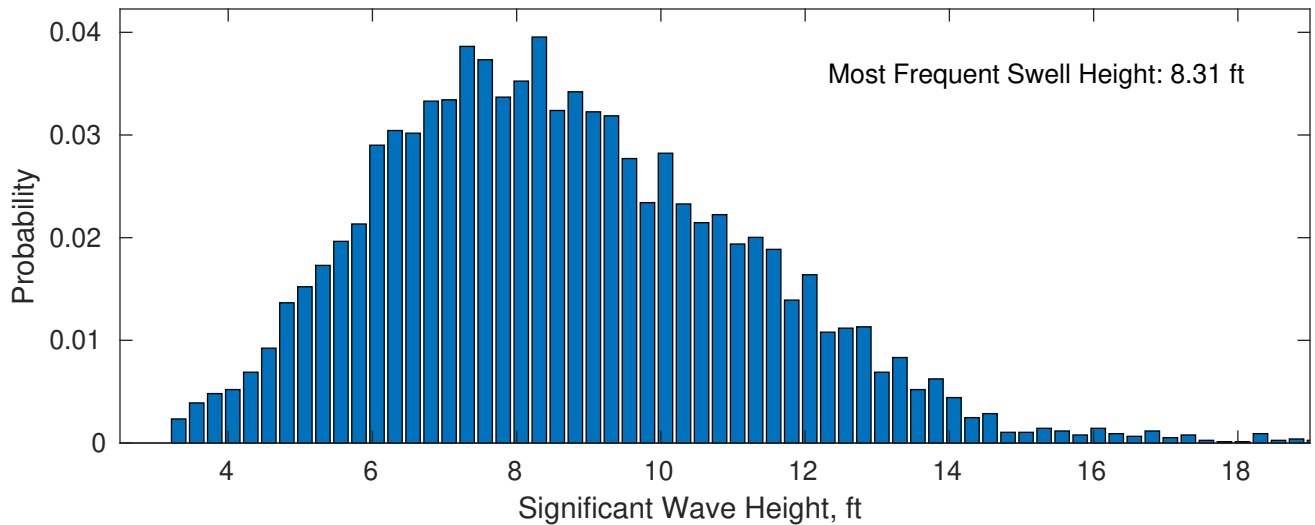
October Wave Height PDF: 1979 - 2015



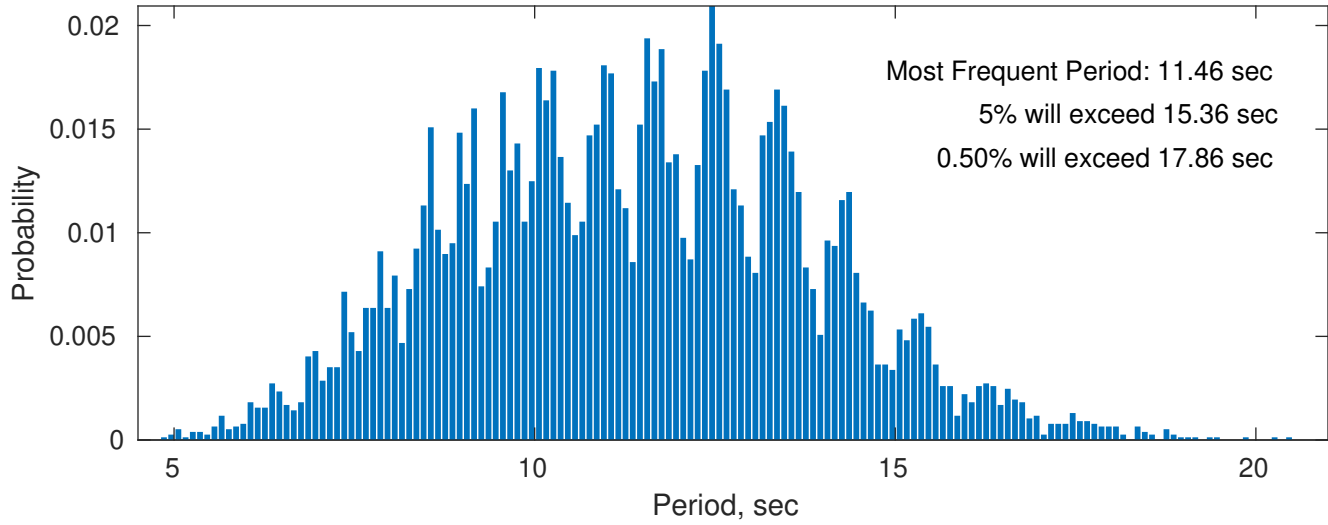
Wind-Sea: 9.05%



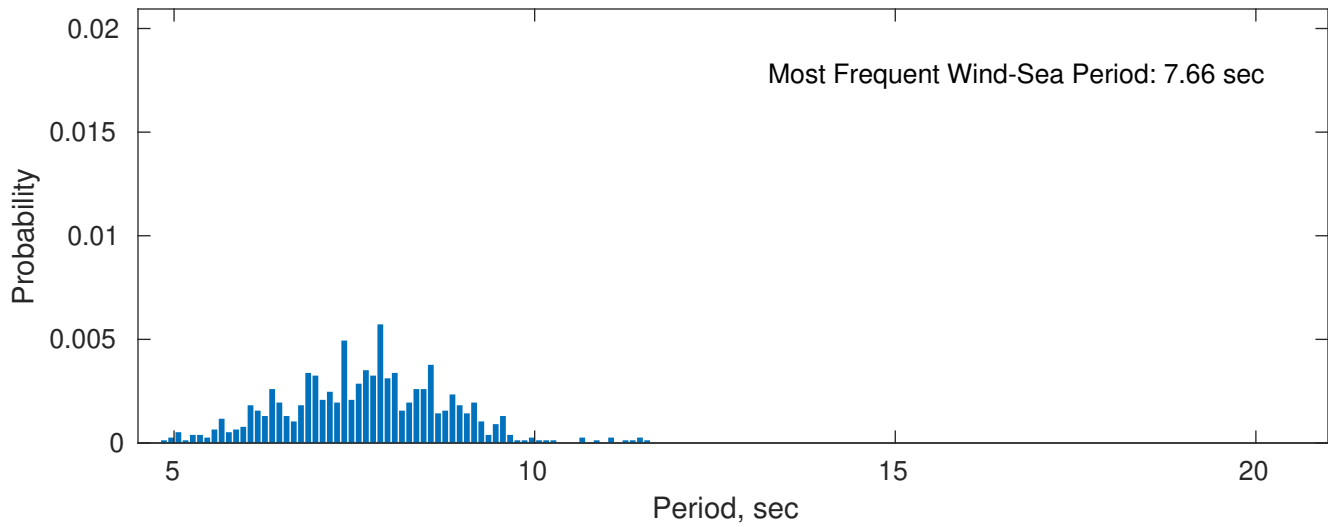
Swell: 90.95%



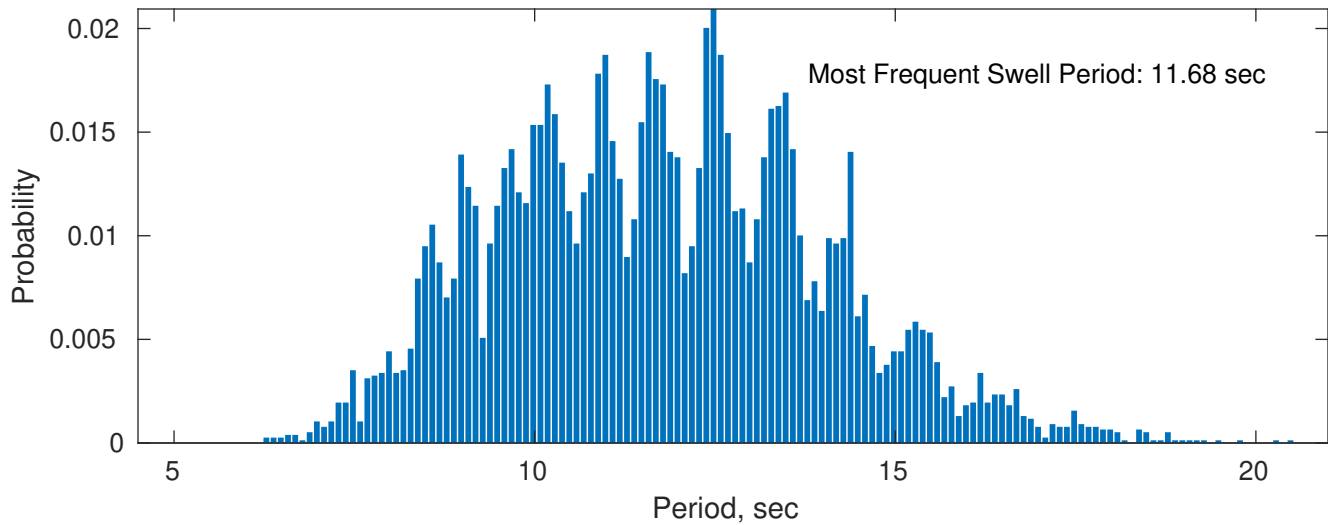
October Peak Wave Period PDF: 1979 - 2015



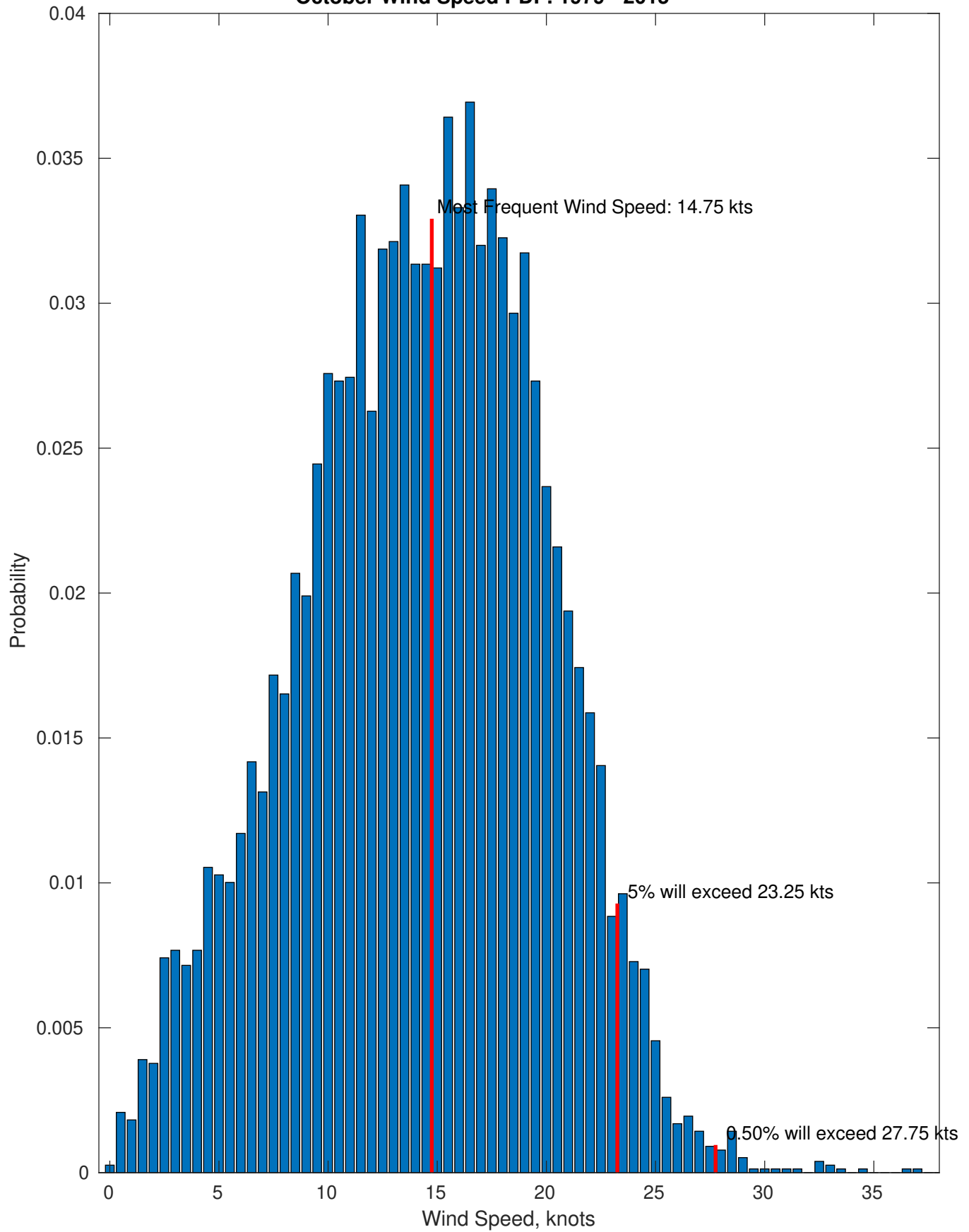
Wind-Sea: 9.05%



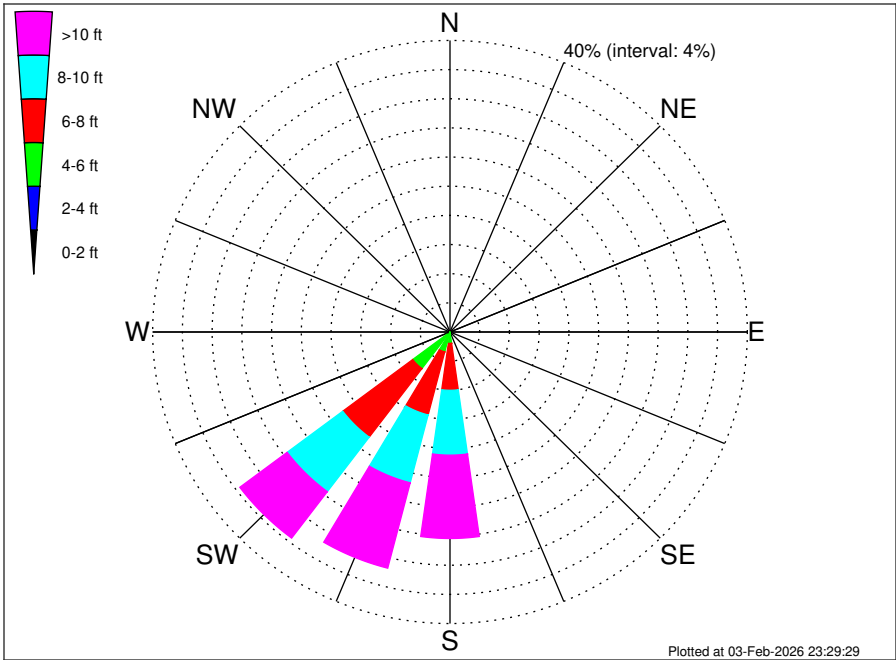
Swell: 90.95%



October Wind Speed PDF: 1979 - 2015



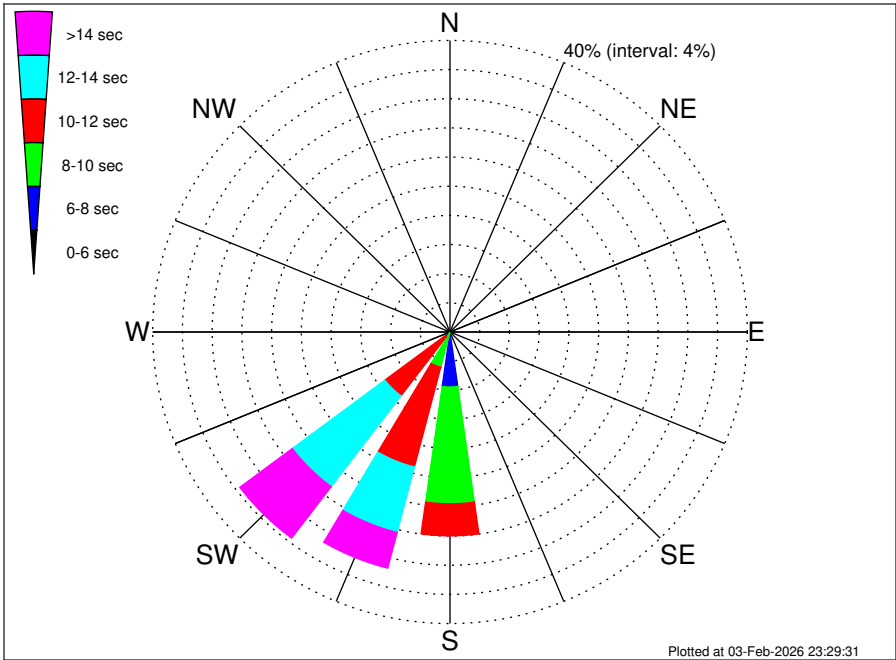
Angola Namibia CRS Swakopmunds (BU-SW) Climatological WaveHeight Rose for October: 1979 - 2015



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	.	.	.	.	.	.	.	.	0.04	0.16	0.48	0.26	.	.	.	.	0.94
4 - 6 ft	.	.	.	.	.	.	.	.	1.53	2.67	5.80	0.73	.	0.04	0.10	.	10.87
6 - 8 ft	.	.	.	.	.	.	.	0.05	6.43	8.94	11.78	0.74	.	.	.	.	27.94
8 - 10 ft	.	.	.	.	.	.	.	0.14	8.90	9.61	9.37	0.40	.	.	.	.	28.42
10 - 12 ft	.	.	.	.	.	.	.	0.12	7.09	6.95	5.37	0.20	.	.	.	.	19.72
12 - 14 ft	.	.	.	.	.	.	.	0.01	3.12	3.85	1.99	.	.	.	.	.	8.98
14 - 16 ft	.	.	.	.	.	.	.	.	0.79	0.77	0.47	.	.	.	.	.	2.03
16 - 18 ft	.	.	.	.	.	.	.	.	0.33	0.39	0.05	.	.	.	.	.	0.77
> 18 ft	.	.	.	.	.	.	.	.	0.10	0.14	0.09	.	.	.	.	.	0.34
Total	.	.	.	.	.	.	.	0.33	28.33	33.47	35.41	2.33	.	0.04	0.10	.	100.00

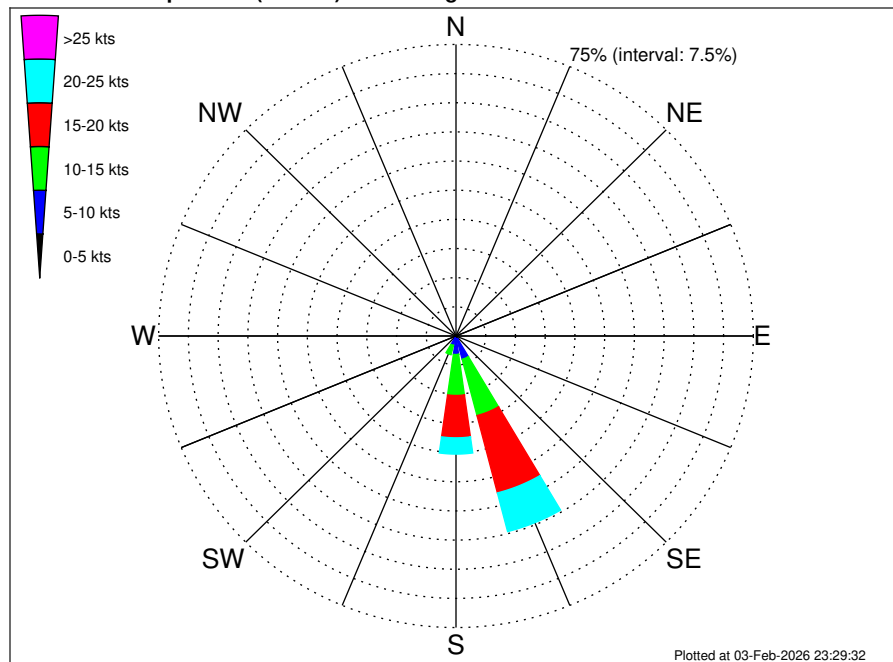
Angola Namibia CRS Swakopmunds (BU-SW) Climatological WavePeriod Rose for October: 1979 - 2015



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	.	.	.	.	.	.	.	0.01	0.52	.	.	.	.	.	.	.	0.53
6 - 8 sec	.	.	.	.	.	.	.	0.29	7.02	0.16	.	.	.	.	.	.	7.47
8 - 10 sec	.	.	.	.	.	.	.	0.03	16.02	4.84	0.82	0.04	.	.	.	.	21.75
10 - 12 sec	.	.	.	.	.	.	.	.	4.40	14.14	10.15	0.73	.	.	.	.	29.41
12 - 14 sec	.	.	.	.	.	.	.	.	0.25	9.27	15.61	0.87	.	0.01	.	.	26.01
14 - 16 sec	.	.	.	.	.	.	.	.	0.09	4.14	6.62	0.57	.	0.03	0.10	.	11.55
18 - 20 sec	.	.	.	.	.	.	.	.	0.03	0.77	1.95	0.12	.	.	.	.	2.86
22 - 24 sec	.	.	.	.	.	.	.	.	.	0.16	0.26	.	.	.	.	.	0.42
Total	.	.	.	.	.	.	.	0.33	28.33	33.47	35.41	2.33	.	0.04	0.10	.	100.00

Angola Namibia CRS Swakopmunds (BU-SW) Climatological Wind Rose for October: 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	0.05	0.01	0.03	•	•	•	0.03	0.01	•	0.01	•	0.01	0.01	0.01	0.23
0 - 5 kts	0.14	0.08	0.08	0.13	0.25	0.35	0.57	0.79	0.72	0.57	0.30	0.29	0.26	0.20	0.17	0.10	4.99
5 - 10 kts	0.10	0.03	0.01	0.08	0.18	0.39	1.85	5.37	4.02	1.90	0.91	0.30	0.23	0.13	0.16	0.14	15.80
10 - 15 kts	0.05	•	•	•	•	0.09	1.44	14.97	10.54	2.50	0.44	0.03	0.07	•	0.05	0.07	30.24
15 - 20 kts	•	•	•	•	0.01	0.01	0.25	20.55	10.90	0.72	0.03	0.01	•	•	•	•	32.48
20 - 25 kts	•	•	•	•	•	•	•	10.29	4.19	•	•	•	•	•	•	•	14.48
25 - 30 kts	•	•	•	•	•	•	•	1.21	0.39	•	•	•	•	•	•	•	1.60
30 - 35 kts	•	•	•	•	•	•	•	0.14	•	•	•	•	•	•	•	•	0.14
35 - 40 kts	•	•	•	•	•	•	•	0.03	•	•	•	•	•	•	•	•	0.03
40 - 45 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
45 - 50 kts	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Total	0.31	0.14	0.14	0.22	0.47	0.85	4.11	53.36	30.78	5.70	1.68	0.64	0.56	0.34	0.39	0.33	100.00