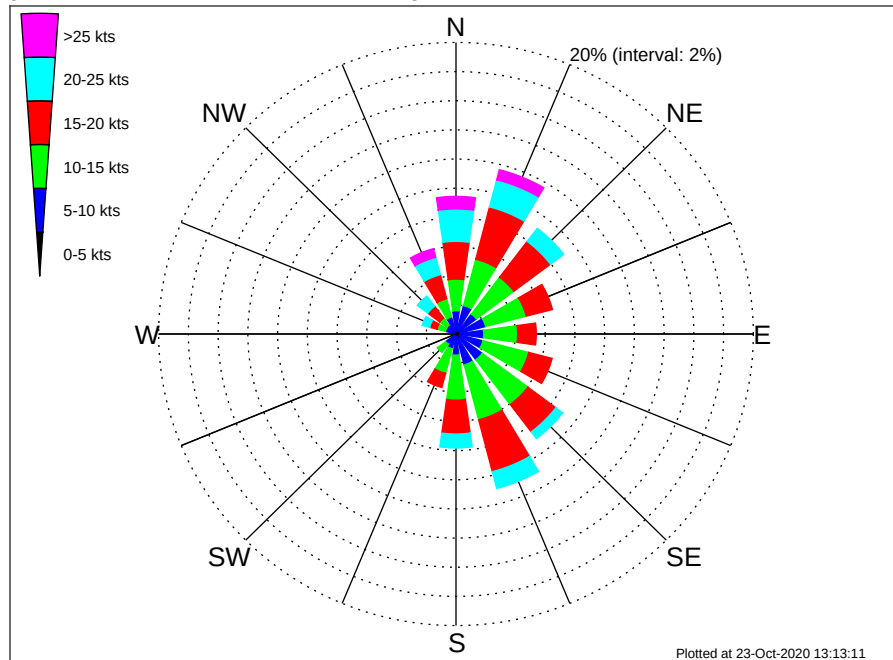


SpaceX GOM Launch Platform Climatological Wind Rose for December: 1979 - 2015



Joint Frequency Distribution Table

|             | N    | NNE   | NE   | ENE  | E    | ESE  | SE   | SSE   | S    | SSW  | SW   | WSW  | W    | WNW  | NW   | NNW  | Total  |
|-------------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|--------|
| calm        | •    | •     | •    | 0.01 | •    | 0.02 | 0.02 | 0.02  | •    | 0.01 | 0.01 | 0.01 | •    | 0.01 | 0.01 | 0.01 | 0.15   |
| 0 - 5 kts   | 0.25 | 0.31  | 0.24 | 0.31 | 0.25 | 0.28 | 0.29 | 0.26  | 0.20 | 0.24 | 0.17 | 0.18 | 0.06 | 0.15 | 0.17 | 0.21 | 3.58   |
| 5 - 10 kts  | 1.35 | 1.70  | 1.47 | 1.74 | 1.61 | 1.58 | 1.90 | 1.90  | 1.26 | 0.78 | 0.69 | 0.41 | 0.35 | 0.58 | 0.58 | 0.99 | 18.88  |
| 10 - 15 kts | 2.16 | 3.28  | 3.15 | 2.82 | 2.28 | 3.18 | 3.85 | 3.89  | 3.09 | 1.75 | 0.70 | 0.32 | 0.41 | 0.59 | 0.61 | 1.29 | 33.38  |
| 15 - 20 kts | 2.59 | 3.71  | 3.09 | 1.82 | 1.26 | 1.62 | 2.35 | 3.67  | 2.33 | 1.00 | 0.36 | 0.22 | 0.28 | 0.51 | 1.01 | 1.70 | 27.51  |
| 20 - 25 kts | 2.22 | 1.92  | 1.12 | 0.39 | 0.23 | 0.38 | 0.58 | 1.19  | 0.96 | 0.30 | 0.15 | 0.10 | 0.14 | 0.52 | 0.88 | 1.23 | 12.30  |
| 25 - 30 kts | 0.66 | 0.68  | 0.09 | 0.09 | 0.07 | 0.08 | 0.09 | 0.26  | 0.21 | 0.05 | 0.03 | 0.02 | 0.08 | 0.37 | 0.41 | 0.53 | 3.73   |
| 30 - 35 kts | 0.21 | 0.02  | •    | •    | 0.01 | 0.01 | 0.02 | •     | 0.01 | •    | 0.01 | •    | •    | 0.02 | 0.05 | 0.08 | 0.45   |
| 35 - 40 kts | •    | 0.01  | •    | •    | •    | •    | •    | •     | •    | •    | •    | •    | •    | •    | •    | •    | 0.01   |
| 40 - 45 kts | •    | •     | •    | •    | 0.01 | •    | •    | •     | •    | •    | •    | •    | •    | •    | •    | •    | 0.01   |
| 45 - 50 kts | •    | •     | •    | •    | •    | •    | •    | •     | •    | •    | •    | •    | •    | •    | •    | •    | •      |
| Total       | 9.44 | 11.64 | 9.17 | 7.18 | 5.72 | 7.15 | 9.10 | 11.20 | 8.04 | 4.13 | 2.13 | 1.28 | 1.31 | 2.74 | 3.72 | 6.04 | 100.00 |