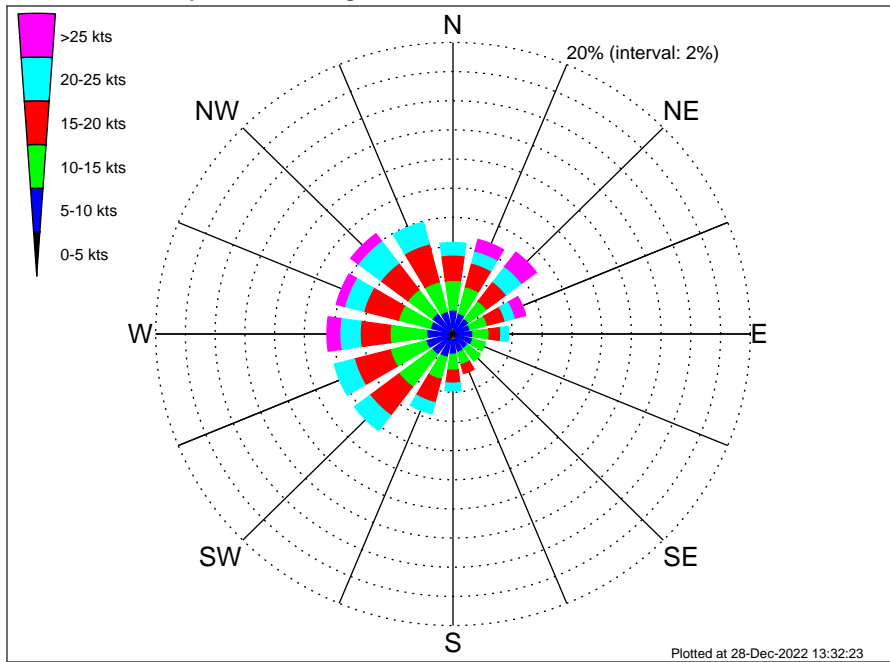


VNE 522 ECR Midpoint Climatological Wind Rose for October: 1979 - 2015



Joint Frequency Distribution Table

| | N | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW | WSW | W | WNW | NW | NNW | Total |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| calm | 0.02 | 0.01 | • | 0.01 | 0.01 | 0.03 | 0.01 | 0.04 | 0.02 | 0.02 | 0.02 | • | • | 0.01 | • | 0.01 | 0.23 |
| 0 - 5 kts | 0.45 | 0.27 | 0.28 | 0.25 | 0.31 | 0.28 | 0.32 | 0.45 | 0.38 | 0.39 | 0.54 | 0.31 | 0.39 | 0.25 | 0.34 | 0.37 | 5.57 |
| 5 - 10 kts | 1.19 | 1.19 | 1.03 | 0.93 | 1.02 | 1.06 | 0.88 | 0.81 | 1.00 | 1.24 | 1.20 | 1.57 | 1.38 | 1.32 | 1.43 | 1.22 | 18.45 |
| 10 - 15 kts | 2.03 | 1.89 | 1.51 | 1.21 | 1.10 | 0.87 | 1.09 | 0.87 | 1.10 | 1.57 | 2.79 | 2.48 | 2.47 | 2.22 | 2.05 | 2.10 | 27.33 |
| 15 - 20 kts | 1.75 | 1.68 | 1.67 | 1.23 | 0.78 | 0.28 | 0.41 | 0.63 | 0.88 | 1.64 | 2.45 | 2.49 | 2.01 | 2.42 | 2.27 | 2.69 | 25.29 |
| 20 - 25 kts | 0.85 | 0.85 | 1.31 | 0.72 | 0.51 | 0.22 | 0.23 | 0.31 | 0.50 | 0.79 | 1.31 | 1.40 | 1.36 | 1.33 | 1.91 | 1.53 | 15.16 |
| 25 - 30 kts | 0.30 | 0.57 | 0.65 | 0.39 | 0.15 | 0.10 | 0.04 | 0.11 | 0.18 | 0.30 | 0.37 | 0.29 | 0.57 | 0.44 | 0.55 | 0.38 | 5.39 |
| 30 - 35 kts | 0.09 | 0.20 | 0.40 | 0.28 | 0.04 | 0.02 | 0.03 | 0.07 | 0.07 | 0.02 | 0.10 | 0.11 | 0.23 | 0.12 | 0.06 | 0.02 | 1.88 |
| 35 - 40 kts | 0.02 | 0.02 | 0.16 | 0.03 | 0.06 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | • | 0.08 | 0.06 | 0.01 | 0.01 | 0.02 | 0.55 |
| 40 - 45 kts | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | • | 0.02 | • | 0.01 | • | • | • | • | • | • | • | 0.12 |
| 45 - 50 kts | • | • | 0.01 | • | 0.01 | • | • | • | • | • | • | • | • | • | • | • | 0.02 |
| Total | 6.71 | 6.70 | 7.03 | 5.06 | 4.02 | 2.89 | 3.09 | 3.30 | 4.15 | 6.00 | 8.77 | 8.74 | 8.48 | 8.11 | 8.61 | 8.35 | 100.00 |