



### Wind Speed and Direction

| 12/26/2023 Time | Wind Speed<br>mph | Wind<br>Direction<br>degrees | Notes |
|-----------------|-------------------|------------------------------|-------|
| 0:00            | 1.766             | 61.412796                    |       |
| 0:05            | 1.690             | 37.381556                    |       |
| 0:10            | 1.748             | 42.782104                    |       |
| 0:15            | 1.477             | 49.559396                    |       |
| 0:20            | 1.260             | 43.992333                    |       |
| 0:25            | 1.212             | 56.655988                    |       |
| 0:30            | 0.935             | 39.074162                    |       |
| 0:35            | 1.146             | 42.948616                    |       |
| 0:40            | 1.319             | 48.476197                    |       |
| 0:45            | 1.294             | 37.894829                    |       |
| 0:50            | 1.619             | 34.519916                    |       |
| 0:55            | 1.533             | 34.186887                    |       |
| 1:00            | 1.463             | 41.316093                    |       |
| 1:05            | 1.388             | 43.295378                    |       |
| 1:10            | 1.163             | 28.152898                    |       |
| 1:15            | 1.403             | 28.542574                    |       |
| 1:20            | 1.775             | 26.619938                    |       |
| 1:25            | 1.991             | 29.775123                    |       |
| 1:30            | 1.837             | 27.603574                    |       |
| 1:35            | 1.423             | 28.362327                    |       |
| 1:40            | 1.513             | 38.018428                    |       |
| 1:45            | 1.497             | 17.72431                     |       |
| 1:50            | 1.170             | 25.880067                    |       |
| 1:55            | 1.176             | 39.930764                    |       |
| 2:00            | 1.329             | 49.442667                    |       |
| 2:05            | 1.554             | 36.916345                    |       |
| 2:10            | 1.541             | 43.429277                    |       |
| 2:15            | 1.437             | 26.571873                    |       |
| 2:20            | 1.715             | 47.061687                    |       |
| 2:25            | 1.792             | 43.585491                    |       |
| 2:30            | 1.373             | 33.541431                    |       |
| 2:35            | 1.200             | 53.114559                    |       |
| 2:40            | 1.086             | 40.284392                    |       |
| 2:45            | 0.953             | 37.395288                    |       |
| 2:50            | 1.070             | 43.995769                    |       |
| 2:55            | 1.529             | 35.09499                     |       |

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|------|-------|-----------|--|
| 3:00 | 1.857 | 26.223395 |  |
| 3:05 | 1.849 | 26.10323  |  |
| 3:10 | 2.328 | 21.221106 |  |
| 3:15 | 2.460 | 23.567752 |  |
| 3:20 | 2.230 | 15.532161 |  |
| 3:25 | 2.442 | 24.099911 |  |
| 3:30 | 2.099 | 31.151869 |  |
| 3:35 | 2.005 | 49.168004 |  |
| 3:40 | 2.227 | 25.493824 |  |
| 3:45 | 2.327 | 22.415888 |  |
| 3:50 | 2.389 | 22.175558 |  |
| 3:55 | 2.128 | 20.258071 |  |
| 4:00 | 2.248 | 22.482836 |  |
| 4:05 | 2.266 | 25.509273 |  |
| 4:10 | 2.213 | 18.689062 |  |
| 4:15 | 2.105 | 39.096478 |  |
| 4:20 | 1.778 | 11.223395 |  |
| 4:25 | 1.684 | 18.611813 |  |
| 4:30 | 1.747 | 59.124515 |  |
| 4:35 | 2.052 | 57.831884 |  |
| 4:40 | 2.048 | 44.594877 |  |
| 4:45 | 1.843 | 20.699248 |  |
| 4:50 | 2.173 | 17.459948 |  |
| 4:55 | 2.269 | 17.909708 |  |
| 5:00 | 2.459 | 21.166173 |  |
| 5:05 | 2.539 | 18.13287  |  |
| 5:10 | 2.451 | 44.775122 |  |
| 5:15 | 2.028 | 60.039483 |  |
| 5:20 | 1.615 | 23.241591 |  |
| 5:25 | 1.895 | 28.949418 |  |
| 5:30 | 2.482 | 23.875031 |  |
| 5:35 | 2.749 | 24.884416 |  |
| 5:40 | 2.557 | 27.236212 |  |
| 5:45 | 2.366 | 34.264136 |  |
| 5:50 | 2.525 | 38.239875 |  |
| 5:55 | 2.527 | 51.473449 |  |
| 6:00 | 1.861 | 29.557109 |  |
| 6:05 | 2.719 | 29.948503 |  |
| 6:10 | 2.866 | 22.987528 |  |
| 6:15 | 2.803 | 29.884988 |  |
| 6:20 | 2.543 | 19.521633 |  |
| 6:25 | 2.348 | 22.402154 |  |
| 6:30 | 2.531 | 23.428705 |  |
| 6:35 | 2.308 | 33.596363 |  |

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|-------|-----------------|-----------|--|
| 6:40  | 2.093           | 28.42756  |  |
| 6:45  | 2.322           | 32.307167 |  |
| 6:50  | Enough Values F | 23.765166 |  |
| 6:55  | 2.261           | 29.57771  |  |
| 7:00  | 2.421           | 26.626805 |  |
| 7:05  | 2.310           | 24.930765 |  |
| 7:10  | 2.081           | 50.403986 |  |
| 7:15  | 1.373           | 27.972651 |  |
| 7:20  | 1.471           | 27.9675   |  |
| 7:25  | 2.107           | 16.948389 |  |
| 7:30  | 1.435           | 63.225567 |  |
| 7:35  | 1.771           | 75.954455 |  |
| 7:40  | 1.489           | 67.587548 |  |
| 7:45  | 1.717           | 103.34516 |  |
| 7:50  | 2.121           | 118.62153 |  |
| 7:55  | 1.906           | 69.050125 |  |
| 8:00  | 1.805           | 71.22339  |  |
| 8:05  | 1.865           | 37.520601 |  |
| 8:10  | 1.824           | 60.717555 |  |
| 8:15  | 1.888           | 12.837037 |  |
| 8:20  | 1.939           | 66.052871 |  |
| 8:25  | 2.187           | 111.25544 |  |
| 8:30  | 2.272           | 62.240214 |  |
| 8:35  | 1.930           | 65.472649 |  |
| 8:40  | 1.903           | 14.982837 |  |
| 8:45  | 2.485           | 45.121883 |  |
| 8:50  | 2.307           | 7.5532191 |  |
| 8:55  | 2.252           | 33.299382 |  |
| 9:00  | 2.158           | 91.017968 |  |
| 9:05  | 2.147           | 93.319983 |  |
| 9:10  | 2.009           | 118.84985 |  |
| 9:15  | 2.124           | 123.52769 |  |
| 9:20  | 2.179           | 60.676356 |  |
| 9:25  | 2.100           | 39.853515 |  |
| 9:30  | 2.024           | 89.333944 |  |
| 9:35  | 2.132           | 58.38464  |  |
| 9:40  | 2.141           | 96.238269 |  |
| 9:45  | 1.911           | 161.44999 |  |
| 9:50  | 1.902           | 126.71206 |  |
| 9:55  | 1.970           | 66.82021  |  |
| 10:00 | 1.877           | 130.99164 |  |
| 10:05 | 1.854           | 112.57382 |  |
| 10:10 | 2.014           | 67.527471 |  |
| 10:15 | 2.167           | 163.48421 |  |

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|-------|-------|-----------|--|
| 10:20 | 2.123 | 101.49634 |  |
| 10:25 | 1.887 | 90.109866 |  |
| 10:30 | 1.822 | 77.171552 |  |
| 10:35 | 1.965 | 76.378461 |  |
| 10:40 | 1.797 | 43.714242 |  |
| 10:45 | 1.646 | 138.41612 |  |
| 10:50 | 1.742 | 78.356031 |  |
| 10:55 | 2.051 | 80.946445 |  |
| 11:00 | 2.133 | 47.918291 |  |
| 11:05 | 2.198 | 25.859467 |  |
| 11:10 | 2.151 | 46.429962 |  |
| 11:15 | 1.662 | 107.27627 |  |
| 11:20 | 1.599 | 26.791602 |  |
| 11:25 | 1.576 | 27.833603 |  |
| 11:30 | 1.468 | 23.476771 |  |
| 11:35 | 1.466 | 22.663084 |  |
| 11:40 | 1.490 | 31.163884 |  |
| 11:45 | 1.592 | 25.023463 |  |
| 11:50 | 1.552 | 34.978257 |  |
| 11:55 | 1.632 | 30.80339  |  |
| 12:00 | 1.747 | 33.800644 |  |
| 12:05 | 1.993 | 36.250288 |  |
| 12:10 | 1.979 | 23.71195  |  |
| 12:15 | 1.788 | 37.137792 |  |
| 12:20 | 2.041 | 33.340583 |  |
| 12:25 | 2.296 | 42.879951 |  |
| 12:30 | 2.101 | 36.966127 |  |
| 12:35 | 2.395 | 40.746169 |  |
| 12:40 | 2.902 | 28.480775 |  |
| 12:45 | 2.273 | 40.742735 |  |
| 12:50 | 1.906 | 44.68929  |  |
| 12:55 | 1.716 | 33.838408 |  |
| 13:00 | 1.445 | 45.590527 |  |
| 13:05 | 1.419 | 60.415426 |  |
| 13:10 | 1.552 | 31.589611 |  |
| 13:15 | 1.981 | 48.829825 |  |
| 13:20 | 2.037 | 32.715727 |  |
| 13:25 | 1.959 | 41.578738 |  |
| 13:30 | 1.893 | 32.961206 |  |
| 13:35 | 2.042 | 34.221221 |  |
| 13:40 | 2.270 | 21.559284 |  |
| 13:45 | 1.900 | 38.329139 |  |
| 13:50 | 1.467 | 34.27272  |  |
| 13:55 | 1.533 | 63.570611 |  |

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|-------|-------|-----------|--|
| 14:00 | 1.543 | 32.605861 |  |
| 14:05 | 1.360 | 31.359581 |  |
| 14:10 | 1.217 | 31.290916 |  |
| 14:15 | 1.498 | 32.609296 |  |
| 14:20 | 2.014 | 40.993365 |  |
| 14:25 | 1.871 | 43.444727 |  |
| 14:30 | 1.747 | 33.61353  |  |
| 14:35 | 1.648 | 42.028499 |  |
| 14:40 | 1.395 | 44.318496 |  |
| 14:45 | 1.287 | 33.721679 |  |
| 14:50 | 1.167 | 54.184027 |  |
| 14:55 | 1.027 | 33.14832  |  |
| 15:00 | 1.182 | 55.972765 |  |
| 15:05 | 1.261 | 47.109752 |  |
| 15:10 | 1.439 | 30.272949 |  |
| 15:15 | 1.618 | 48.912225 |  |
| 15:20 | 1.535 | 44.567409 |  |
| 15:25 | 1.764 | 56.492906 |  |
| 15:30 | 1.485 | 43.037883 |  |
| 15:35 | 1.356 | 34.983408 |  |
| 15:40 | 1.807 | 42.917719 |  |
| 15:45 | 1.775 | 51.482035 |  |
| 15:50 | 1.700 | 37.307739 |  |
| 15:55 | 1.646 | 38.356606 |  |
| 16:00 | 1.544 | 35.452051 |  |
| 16:05 | 1.740 | 41.403642 |  |
| 16:10 | 1.632 | 34.98169  |  |
| 16:15 | 1.467 | 42.13493  |  |
| 16:20 | 1.702 | 34.214353 |  |
| 16:25 | 1.842 | 32.664227 |  |
| 16:30 | 1.903 | 37.477686 |  |
| 16:35 | 2.184 | 30.928705 |  |
| 16:40 | 2.109 | 14.51076  |  |
| 16:45 | 2.060 | 27.945185 |  |
| 16:50 | 2.289 | 22.216757 |  |
| 16:55 | 2.320 | 25.837151 |  |
| 17:00 | 2.411 | 25.519573 |  |
| 17:05 | 2.387 | 27.749487 |  |
| 17:10 | 2.336 | 35.481234 |  |
| 17:15 | 1.753 | 28.388078 |  |
| 17:20 | 1.306 | 36.693183 |  |
| 17:25 | 1.383 | 69.14626  |  |
| 17:30 | 1.433 | 42.330627 |  |
| 17:35 | 1.532 | 22.810715 |  |

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|-------|-------|-----------|--|
| 17:40 | 1.920 | 27.976083 |  |
| 17:45 | 2.295 | 38.445869 |  |
| 17:50 | 2.341 | 46.423097 |  |
| 17:55 | 2.242 | 25.948732 |  |
| 18:00 | 2.247 | 31.505496 |  |
| 18:05 | 2.148 | 39.688718 |  |
| 18:10 | 2.265 | 30.348482 |  |
| 18:15 | 2.326 | 24.855233 |  |
| 18:20 | 2.313 | 29.644659 |  |
| 18:25 | 2.295 | 29.213781 |  |
| 18:30 | 2.059 | 23.708518 |  |
| 18:35 | 2.002 | 20.028041 |  |
| 18:40 | 2.162 | 79.744796 |  |
| 18:45 | 2.147 | 27.672239 |  |
| 18:50 | 1.571 | 28.542576 |  |
| 18:55 | 1.169 | 51.706916 |  |
| 19:00 | 1.606 | 23.838982 |  |
| 19:05 | 1.948 | 31.632527 |  |
| 19:10 | 1.916 | 25.279243 |  |
| 19:15 | 2.191 | 33.481348 |  |
| 19:20 | 1.754 | 34.674413 |  |
| 19:25 | 1.154 | 24.877549 |  |
| 19:30 | 1.418 | 20.026325 |  |
| 19:35 | 1.626 | 35.711264 |  |
| 19:40 | 1.433 | 70.270658 |  |
| 19:45 | 1.117 | 43.583774 |  |
| 19:50 | 1.166 | 27.481692 |  |
| 19:55 | 1.004 | 38.917948 |  |
| 20:00 | 0.785 | 61.745822 |  |
| 20:05 | 1.543 | 24.360841 |  |
| 20:10 | 1.787 | 26.70577  |  |
| 20:15 | 2.119 | 42.661939 |  |
| 20:20 | 0.991 | 26.831085 |  |
| 20:25 | 1.123 | 64.226372 |  |
| 20:30 | 0.921 | 46.586178 |  |
| 20:35 | 0.843 | 61.35958  |  |
| 20:40 | 0.703 | 36.435684 |  |
| 20:45 | 0.660 | 81.380752 |  |
| 20:50 | 0.613 | 22.62875  |  |
| 20:55 | 0.998 | 43.68677  |  |
| 21:00 | 0.948 | 122.93203 |  |
| 21:05 | 0.741 | 40.208859 |  |
| 21:10 | 0.948 | 59.416348 |  |
| 21:15 | 0.561 | 23.873316 |  |

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|-------|-------|-----------|--|
| 21:20 | 0.926 | 74.539942 |  |
| 21:25 | 0.613 | 23.399522 |  |
| 21:30 | 0.832 | 72.354659 |  |
| 21:35 | 0.685 | 100.14706 |  |
| 21:40 | 0.702 | 152.0016  |  |
| 21:45 | 0.648 | 138.17921 |  |
| 21:50 | 0.453 | 82.721452 |  |
| 21:55 | 0.526 | 114.2338  |  |
| 22:00 | 0.558 | 127.4691  |  |
| 22:05 | 0.740 | 53.411539 |  |
| 22:10 | 0.875 | 103.12028 |  |
| 22:15 | 0.825 | 130.95044 |  |
| 22:20 | 0.732 | 146.19421 |  |
| 22:25 | 0.786 | 152.17841 |  |
| 22:30 | 0.803 | 158.84756 |  |
| 22:35 | 0.690 | 131.61822 |  |
| 22:40 | 0.632 | 68.257037 |  |
| 22:45 | 0.626 | 46.797322 |  |
| 22:50 | 0.716 | 104.63607 |  |
| 22:55 | 0.758 | 156.11639 |  |
| 23:00 | 0.747 | 48.713096 |  |
| 23:05 | 0.785 | 37.644202 |  |
| 23:10 | 0.955 | 76.490046 |  |
| 23:15 | 0.999 | 22.784965 |  |
| 23:20 | 0.967 | 97.590983 |  |
| 23:25 | 0.984 | 88.788049 |  |
| 23:30 | 1.036 | 184.63664 |  |
| 23:35 | 1.255 | 113.64672 |  |
| 23:40 | 1.431 | 178.51511 |  |
| 23:45 | 1.403 | 184.10964 |  |
| 23:50 | 1.292 | 49.631496 |  |
| 23:55 | 1.045 | 87.14866  |  |