



## Wind Speed and Direction

| 12/02/2023 Time | Wind Speed<br>mph | Wind<br>Direction<br>degrees | Notes |
|-----------------|-------------------|------------------------------|-------|
| 0:00            | 0.589             | 142.88453                    |       |
| 0:05            | 0.602             | 83.679332                    |       |
| 0:10            | 0.673             | 63.06592                     |       |
| 0:15            | 0.698             | 112.79526                    |       |
| 0:20            | 0.636             | 236.47402                    |       |
| 0:25            | 0.639             | 205.73415                    |       |
| 0:30            | 0.606             | 208.60265                    |       |
| 0:35            | 0.474             | 201.73265                    |       |
| 0:40            | 0.661             | 239.66869                    |       |
| 0:45            | 1.088             | 217.20645                    |       |
| 0:50            | 1.196             | 189.55139                    |       |
| 0:55            | 0.947             | 201.12154                    |       |
| 1:00            | 0.863             | 109.21435                    |       |
| 1:05            | 1.042             | 75.053217                    |       |
| 1:10            | 1.124             | 91.986154                    |       |
| 1:15            | 0.945             | 240.04978                    |       |
| 1:20            | 0.868             | 234.90157                    |       |
| 1:25            | 0.962             | 220.27237                    |       |
| 1:30            | 0.990             | 206.34871                    |       |
| 1:35            | 1.066             | 224.94764                    |       |
| 1:40            | 1.108             | 186.82707                    |       |
| 1:45            | 1.031             | 220.10757                    |       |
| 1:50            | 0.858             | 268.82752                    |       |
| 1:55            | 0.768             | 206.25944                    |       |
| 2:00            | 0.763             | 197.01018                    |       |
| 2:05            | 0.606             | 150.1545                     |       |
| 2:10            | 0.596             | 163.52369                    |       |
| 2:15            | 0.572             | 146.65083                    |       |
| 2:20            | 0.620             | 92.980087                    |       |
| 2:25            | 0.734             | 139.55424                    |       |
| 2:30            | 0.758             | 190.63801                    |       |
| 2:35            | 0.910             | 190.59682                    |       |
| 2:40            | 1.007             | 188.12142                    |       |
| 2:45            | 1.062             | 196.37503                    |       |
| 2:50            | 1.216             | 204.27157                    |       |
| 2:55            | 1.171             | 186.59876                    |       |

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| 3:00 | 1.034 | 184.63321 |  |
| 3:05 | 1.086 | 181.95354 |  |
| 3:10 | 1.289 | 165.80339 |  |
| 3:15 | 1.408 | 166.60677 |  |
| 3:20 | 1.318 | 151.88659 |  |
| 3:25 | 1.293 | 162.44221 |  |
| 3:30 | 1.276 | 177.15896 |  |
| 3:35 | 1.325 | 178.98032 |  |
| 3:40 | 1.534 | 177.07828 |  |
| 3:45 | 1.698 | 164.47127 |  |
| 3:50 | 1.389 | 154.10963 |  |
| 3:55 | 1.085 | 161.58217 |  |
| 4:00 | 1.243 | 173.5214  |  |
| 4:05 | 1.536 | 170.06066 |  |
| 4:10 | 1.707 | 201.05459 |  |
| 4:15 | 1.329 | 178.02415 |  |
| 4:20 | 1.421 | 187.56351 |  |
| 4:25 | 1.228 | 183.19981 |  |
| 4:30 | 1.064 | 149.18975 |  |
| 4:35 | 0.935 | 147.61044 |  |
| 4:40 | 0.896 | 157.28885 |  |
| 4:45 | 1.095 | 145.66033 |  |
| 4:50 | 1.212 | 154.71732 |  |
| 4:55 | 1.219 | 153.42298 |  |
| 5:00 | 1.288 | 175.44232 |  |
| 5:05 | 1.202 | 142.60128 |  |
| 5:10 | 1.137 | 155.94644 |  |
| 5:15 | 1.021 | 185.74559 |  |
| 5:20 | 1.165 | 197.46509 |  |
| 5:25 | 1.655 | 186.99016 |  |
| 5:30 | 1.089 | 171.08206 |  |
| 5:35 | 1.399 | 164.75108 |  |
| 5:40 | 1.264 | 178.76401 |  |
| 5:45 | 1.501 | 177.41303 |  |
| 5:50 | 1.572 | 181.66857 |  |
| 5:55 | 2.158 | 190.93843 |  |
| 6:00 | 1.086 | 175.29469 |  |
| 6:05 | 1.098 | 201.75669 |  |
| 6:10 | 1.440 | 187.5515  |  |
| 6:15 | 1.382 | 172.70256 |  |
| 6:20 | 1.031 | 194.42149 |  |
| 6:25 | 1.249 | 194.47471 |  |
| 6:30 | 1.280 | 205.09899 |  |
| 6:35 | 1.485 | 192.27225 |  |

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| 6:40  | 1.025 | 187.93259 |  |
| 6:45  | 1.104 | 182.47368 |  |
| 6:50  | 1.188 | 172.57381 |  |
| 6:55  | 1.314 | 179.34252 |  |
| 7:00  | 1.412 | 163.01042 |  |
| 7:05  | 1.580 | 179.80087 |  |
| 7:10  | 1.581 | 163.95285 |  |
| 7:15  | 1.758 | 172.98237 |  |
| 7:20  | 1.955 | 199.27959 |  |
| 7:25  | 2.098 | 185.01774 |  |
| 7:30  | 2.113 | 192.50743 |  |
| 7:35  | 1.593 | 174.78313 |  |
| 7:40  | 1.596 | 170.90696 |  |
| 7:45  | 1.564 | 181.53983 |  |
| 7:50  | 1.675 | 181.50549 |  |
| 7:55  | 1.778 | 162.5864  |  |
| 8:00  | 1.639 | 176.11867 |  |
| 8:05  | 1.586 | 183.41783 |  |
| 8:10  | 1.748 | 184.13194 |  |
| 8:15  | 2.227 | 196.18276 |  |
| 8:20  | 2.722 | 189.91016 |  |
| 8:25  | 2.624 | 189.63894 |  |
| 8:30  | 1.758 | 167.28141 |  |
| 8:35  | 1.367 | 192.06111 |  |
| 8:40  | 1.630 | 165.30041 |  |
| 8:45  | 1.417 | 172.56695 |  |
| 8:50  | 1.172 | 182.09258 |  |
| 8:55  | 1.286 | 205.8217  |  |
| 9:00  | 1.434 | 175.46807 |  |
| 9:05  | 1.438 | 196.32868 |  |
| 9:10  | 1.409 | 177.65506 |  |
| 9:15  | 1.447 | 192.07312 |  |
| 9:20  | 1.512 | 182.20073 |  |
| 9:25  | 1.753 | 194.12623 |  |
| 9:30  | 1.811 | 221.13241 |  |
| 9:35  | 1.866 | 186.66399 |  |
| 9:40  | 1.978 | 190.50412 |  |
| 9:45  | 2.018 | 193.08766 |  |
| 9:50  | 2.005 | 186.45628 |  |
| 9:55  | 1.917 | 188.24158 |  |
| 10:00 | 1.916 | 181.86083 |  |
| 10:05 | 1.798 | 209.60518 |  |
| 10:10 | 1.800 | 187.39528 |  |
| 10:15 | 1.955 | 196.93122 |  |

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| 10:20 | 2.013 | 203.90936 |  |
| 10:25 | 2.383 | 191.41222 |  |
| 10:30 | 2.680 | 192.29629 |  |
| 10:35 | 2.112 | 183.98088 |  |
| 10:40 | 1.743 | 180.76047 |  |
| 10:45 | 1.792 | 202.05711 |  |
| 10:50 | 1.741 | 207.73231 |  |
| 10:55 | 1.899 | 186.252   |  |
| 11:00 | 2.134 | 188.57119 |  |
| 11:05 | 2.240 | 186.26058 |  |
| 11:10 | 2.380 | 201.74811 |  |
| 11:15 | 2.412 | 201.24513 |  |
| 11:20 | 2.227 | 195.62829 |  |
| 11:25 | 2.142 | 208.78633 |  |
| 11:30 | 2.401 | 189.14282 |  |
| 11:35 | 2.602 | 200.35419 |  |
| 11:40 | 2.646 | 191.04485 |  |
| 11:45 | 2.332 | 190.9264  |  |
| 11:50 | 2.375 | 187.26997 |  |
| 11:55 | 2.521 | 195.96475 |  |
| 12:00 | 2.162 | 193.12028 |  |
| 12:05 | 2.308 | 196.8883  |  |
| 12:10 | 2.757 | 191.09292 |  |
| 12:15 | 3.121 | 186.29148 |  |
| 12:20 | 3.003 | 192.43019 |  |
| 12:25 | 2.782 | 164.87125 |  |
| 12:30 | 3.070 | 192.50057 |  |
| 12:35 | 2.920 | 195.6489  |  |
| 12:40 | 2.488 | 197.98695 |  |
| 12:45 | 2.485 | 195.9905  |  |
| 12:50 | 2.846 | 187.93088 |  |
| 12:55 | 2.950 | 189.59087 |  |
| 13:00 | 2.628 | 182.48741 |  |
| 13:05 | 2.350 | 183.2496  |  |
| 13:10 | 2.548 | 198.53627 |  |
| 13:15 | 2.700 | 199.7345  |  |
| 13:20 | 2.392 | 182.187   |  |
| 13:25 | 2.250 | 196.79045 |  |
| 13:30 | 2.259 | 206.58732 |  |
| 13:35 | 2.472 | 201.39963 |  |
| 13:40 | 2.803 | 197.33806 |  |
| 13:45 | 2.915 | 208.6593  |  |
| 13:50 | 2.858 | 182.405   |  |
| 13:55 | 2.879 | 186.90948 |  |

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| 14:00 | 2.565 | 203.38922 |  |
| 14:05 | 2.426 | 187.47769 |  |
| 14:10 | 2.844 | 189.97539 |  |
| 14:15 | 3.075 | 202.36782 |  |
| 14:20 | 2.995 | 193.1649  |  |
| 14:25 | 2.668 | 204.73506 |  |
| 14:30 | 2.494 | 182.73633 |  |
| 14:35 | 2.386 | 194.19146 |  |
| 14:40 | 2.207 | 201.50777 |  |
| 14:45 | 2.307 | 205.06637 |  |
| 14:50 | 2.352 | 181.98959 |  |
| 14:55 | 1.836 | 183.84012 |  |
| 15:00 | 1.554 | 197.01877 |  |
| 15:05 | 1.886 | 184.97654 |  |
| 15:10 | 1.711 | 186.62623 |  |
| 15:15 | 1.437 | 189.70588 |  |
| 15:20 | 1.379 | 193.80694 |  |
| 15:25 | 1.351 | 185.00573 |  |
| 15:30 | 1.233 | 164.35797 |  |
| 15:35 | 1.179 | 176.20279 |  |
| 15:40 | 1.473 | 188.24846 |  |
| 15:45 | 1.649 | 198.29767 |  |
| 15:50 | 1.495 | 185.55161 |  |
| 15:55 | 1.255 | 194.43007 |  |
| 16:00 | 1.174 | 194.63779 |  |
| 16:05 | 1.122 | 199.96108 |  |
| 16:10 | 1.144 | 195.25063 |  |
| 16:15 | 1.090 | 173.35832 |  |
| 16:20 | 0.873 | 168.23758 |  |
| 16:25 | 0.816 | 157.2013  |  |
| 16:30 | 0.862 | 173.08538 |  |
| 16:35 | 0.857 | 178.61639 |  |
| 16:40 | 0.725 | 168.34059 |  |
| 16:45 | 0.597 | 201.79274 |  |
| 16:50 | 0.657 | 190.69122 |  |
| 16:55 | 0.503 | 176.94266 |  |
| 17:00 | 0.554 | 144.84836 |  |
| 17:05 | 0.872 | 123.99805 |  |
| 17:10 | 0.456 | 219.85866 |  |
| 17:15 | 0.917 | 237.04738 |  |
| 17:20 | 0.869 | 127.94462 |  |
| 17:25 | 0.550 | 208.80178 |  |
| 17:30 | 0.606 | 188.06133 |  |
| 17:35 | 0.941 | 208.23873 |  |

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| 17:40 | 0.932 | 199.89757 |  |
| 17:45 | 0.694 | 114.04669 |  |
| 17:50 | 0.689 | 169.36199 |  |
| 17:55 | 0.738 | 64.861526 |  |
| 18:00 | 0.644 | 139.00834 |  |
| 18:05 | 0.778 | 326.92205 |  |
| 18:10 | 2.336 | 169.49416 |  |
| 18:15 | 1.767 | 236.87398 |  |
| 18:20 | 2.431 | 312.77522 |  |
| 18:25 | 2.535 | 271.46771 |  |
| 18:30 | 2.354 | 189.46898 |  |
| 18:35 | 2.390 | 177.75291 |  |
| 18:40 | 1.928 | 273.12941 |  |
| 18:45 | 1.688 | 260.25291 |  |
| 18:50 | 1.491 | 215.62543 |  |
| 18:55 | 1.619 | 217.80385 |  |
| 19:00 | 1.403 | 161.96669 |  |
| 19:05 | 0.972 | 192.092   |  |
| 19:10 | 1.081 | 197.91657 |  |
| 19:15 | 0.714 | 187.15839 |  |
| 19:20 | 0.906 | 171.88544 |  |
| 19:25 | 0.848 | 78.124289 |  |
| 19:30 | 0.534 | 60.516708 |  |
| 19:35 | 0.523 | 105.52185 |  |
| 19:40 | 0.663 | 163.97173 |  |
| 19:45 | 0.693 | 203.65014 |  |
| 19:50 | 0.637 | 226.17933 |  |
| 19:55 | 0.768 | 231.64682 |  |
| 20:00 | 0.894 | 197.33978 |  |
| 20:05 | 0.882 | 231.09064 |  |
| 20:10 | 0.907 | 153.73712 |  |
| 20:15 | 0.804 | 83.739416 |  |
| 20:20 | 0.664 | 147.59499 |  |
| 20:25 | 0.652 | 212.54578 |  |
| 20:30 | 0.788 | 228.96543 |  |
| 20:35 | 1.071 | 205.94186 |  |
| 20:40 | 0.983 | 243.68906 |  |
| 20:45 | 0.626 | 132.47139 |  |
| 20:50 | 0.506 | 169.99199 |  |
| 20:55 | 0.504 | 122.72431 |  |
| 21:00 | 0.527 | 167.61273 |  |
| 21:05 | 0.582 | 225.99393 |  |
| 21:10 | 0.653 | 232.31803 |  |
| 21:15 | 0.652 | 243.43499 |  |

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| 21:20 | 0.822 | 219.19947 |  |
| 21:25 | 0.969 | 153.62555 |  |
| 21:30 | 0.709 | 175.62428 |  |
| 21:35 | 0.506 | 178.51339 |  |
| 21:40 | 0.735 | 214.56798 |  |
| 21:45 | 0.954 | 190.38053 |  |
| 21:50 | 1.043 | 225.25406 |  |
| 21:55 | 1.143 | 163.38979 |  |
| 22:00 | 0.852 | 168.80751 |  |
| 22:05 | 0.575 | 160.37709 |  |
| 22:10 | 0.481 | 138.82296 |  |
| 22:15 | 0.413 | 193.54429 |  |
| 22:20 | 0.475 | 192.29457 |  |
| 22:25 | 0.531 | 191.58045 |  |
| 22:30 | 0.471 | 191.85855 |  |
| 22:35 | 0.356 | 145.60196 |  |
| 22:40 | 0.441 | 139.78083 |  |
| 22:45 | 0.653 | 221.62164 |  |
| 22:50 | 0.840 | 179.6807  |  |
| 22:55 | 0.828 | 172.49141 |  |
| 23:00 | 0.892 | 199.3637  |  |
| 23:05 | 1.051 | 231.149   |  |
| 23:10 | 0.967 | 205.51614 |  |
| 23:15 | 0.991 | 170.26151 |  |
| 23:20 | 0.868 | 164.50904 |  |
| 23:25 | 0.691 | 180.46521 |  |
| 23:30 | 0.672 | 149.06958 |  |
| 23:35 | 0.510 | 152.90455 |  |
| 23:40 | 0.411 | 148.33657 |  |
| 23:45 | 0.481 | 195.55791 |  |
| 23:50 | 0.667 | 233.38579 |  |
| 23:55 | 0.829 | 252.47998 |  |