



## Wind Speed and Direction

| 10/31/2023 Time | Wind Speed<br>mph | Wind<br>Direction<br>degrees | Notes |
|-----------------|-------------------|------------------------------|-------|
| 0:00            | 2.435             | 217.874                      |       |
| 0:05            | 2.444             | 212.304                      |       |
| 0:10            | 2.622             | 214.815                      |       |
| 0:15            | 2.868             | 213.461                      |       |
| 0:20            | 2.535             | 203.312                      |       |
| 0:25            | 2.011             | 203.166                      |       |
| 0:30            | 1.717             | 207.075                      |       |
| 0:35            | 1.601             | 198.512                      |       |
| 0:40            | 1.861             | 210.484                      |       |
| 0:45            | 1.826             | 205.13                       |       |
| 0:50            | 1.810             | 201.087                      |       |
| 0:55            | 1.856             | 205.108                      |       |
| 1:00            | 1.804             | 211.111                      |       |
| 1:05            | 1.965             | 214.951                      |       |
| 1:10            | 2.075             | 213.404                      |       |
| 1:15            | 2.083             | 192.634                      |       |
| 1:20            | 1.756             | 203.525                      |       |
| 1:25            | 1.676             | 205.02                       |       |
| 1:30            | 2.050             | 215.316                      |       |
| 1:35            | 2.169             | 201.882                      |       |
| 1:40            | 2.267             | 216.698                      |       |
| 1:45            | 2.492             | 217.991                      |       |
| 1:50            | 2.416             | 222.461                      |       |
| 1:55            | 2.132             | 210.311                      |       |
| 2:00            | 1.824             | 200.38                       |       |
| 2:05            | 1.760             | 204.218                      |       |
| 2:10            | 1.931             | 210.92                       |       |
| 2:15            | 1.974             | 212.379                      |       |
| 2:20            | 1.848             | 198.813                      |       |
| 2:25            | 1.748             | 203.715                      |       |
| 2:30            | 1.732             | 207.099                      |       |
| 2:35            | 1.618             | 206.786                      |       |
| 2:40            | 1.843             | 214                          |       |
| 2:45            | 1.984             | 201.108                      |       |
| 2:50            | 1.913             | 210.155                      |       |
| 2:55            | 2.426             | 220.645                      |       |

|      |       |         |  |
|------|-------|---------|--|
| 3:00 | 2.809 | 214.458 |  |
| 3:05 | 2.671 | 223.958 |  |
| 3:10 | 2.618 | 213.028 |  |
| 3:15 | 2.623 | 217.505 |  |
| 3:20 | 2.473 | 205.506 |  |
| 3:25 | 2.250 | 203.993 |  |
| 3:30 | 2.189 | 203.573 |  |
| 3:35 | 2.167 | 198.993 |  |
| 3:40 | 2.026 | 194.897 |  |
| 3:45 | 1.863 | 194.406 |  |
| 3:50 | 1.605 | 195.642 |  |
| 3:55 | 1.347 | 192.041 |  |
| 4:00 | 1.154 | 176.103 |  |
| 4:05 | 1.001 | 166.382 |  |
| 4:10 | 0.869 | 176.932 |  |
| 4:15 | 0.819 | 168.162 |  |
| 4:20 | 0.776 | 180.029 |  |
| 4:25 | 0.714 | 158.101 |  |
| 4:30 | 0.736 | 166.451 |  |
| 4:35 | 0.660 | 145.415 |  |
| 4:40 | 0.576 | 152.856 |  |
| 4:45 | 0.567 | 158.19  |  |
| 4:50 | 0.601 | 155.907 |  |
| 4:55 | 0.637 | 158.037 |  |
| 5:00 | 0.820 | 174.831 |  |
| 5:05 | 0.976 | 148.773 |  |
| 5:10 | 1.052 | 175.921 |  |
| 5:15 | 1.039 | 156.865 |  |
| 5:20 | 0.769 | 146.941 |  |
| 5:25 | 0.688 | 153.061 |  |
| 5:30 | 0.759 | 146.057 |  |
| 5:35 | 0.784 | 154.697 |  |
| 5:40 | 0.834 | 185.895 |  |
| 5:45 | 0.847 | 162.48  |  |
| 5:50 | 0.724 | 164.902 |  |
| 5:55 | 0.665 | 161.344 |  |
| 6:00 | 0.672 | 166.878 |  |
| 6:05 | 0.653 | 134.593 |  |
| 6:10 | 0.684 | 144.308 |  |
| 6:15 | 0.666 | 148.131 |  |
| 6:20 | 0.738 | 156.736 |  |
| 6:25 | 0.873 | 168.622 |  |
| 6:30 | 0.909 | 168.538 |  |
| 6:35 | 0.777 | 170.219 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 6:40  | 0.895 | 139.556 |  |
| 6:45  | 0.686 | 84.917  |  |
| 6:50  | 0.465 | 100.108 |  |
| 6:55  | 0.564 | 120.263 |  |
| 7:00  | 0.620 | 186.063 |  |
| 7:05  | 0.749 | 188.087 |  |
| 7:10  | 0.771 | 171.77  |  |
| 7:15  | 0.660 | 172.864 |  |
| 7:20  | 0.680 | 201.319 |  |
| 7:25  | 0.719 | 172.855 |  |
| 7:30  | 0.637 | 155.916 |  |
| 7:35  | 0.575 | 169.293 |  |
| 7:40  | 0.449 | 181.538 |  |
| 7:45  | 0.486 | 189.957 |  |
| 7:50  | 0.678 | 181.385 |  |
| 7:55  | 0.685 | 171.441 |  |
| 8:00  | 0.710 | 152.846 |  |
| 8:05  | 0.732 | 147.027 |  |
| 8:10  | 0.667 | 136.852 |  |
| 8:15  | 0.625 | 143.781 |  |
| 8:20  | 0.651 | 153.639 |  |
| 8:25  | 0.667 | 168.085 |  |
| 8:30  | 0.566 | 176.721 |  |
| 8:35  | 0.480 | 154.765 |  |
| 8:40  | 0.540 | 170.092 |  |
| 8:45  | 0.843 | 183.747 |  |
| 8:50  | 1.186 | 193.105 |  |
| 8:55  | 1.419 | 199.328 |  |
| 9:00  | 1.839 | 206.091 |  |
| 9:05  | 1.547 | 180.469 |  |
| 9:10  | 0.861 | 173.039 |  |
| 9:15  | 1.007 | 187.519 |  |
| 9:20  | 1.377 | 162.362 |  |
| 9:25  | 0.976 | 175.514 |  |
| 9:30  | 1.257 | 168.421 |  |
| 9:35  | 1.124 | 182.275 |  |
| 9:40  | 1.067 | 149.21  |  |
| 9:45  | 1.000 | 158.837 |  |
| 9:50  | 1.171 | 165.172 |  |
| 9:55  | 1.331 | 174.038 |  |
| 10:00 | 1.565 | 178.762 |  |
| 10:05 | 1.446 | 197.275 |  |
| 10:10 | 1.712 | 189.464 |  |
| 10:15 | 1.548 | 159.306 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 10:20 | 0.957 | 198.749 |  |
| 10:25 | 1.486 | 164.294 |  |
| 10:30 | 1.235 | 160.32  |  |
| 10:35 | 0.960 | 219.853 |  |
| 10:40 | 0.903 | 143.157 |  |
| 10:45 | 1.110 | 132.07  |  |
| 10:50 | 1.383 | 185.074 |  |
| 10:55 | 1.538 | 181.229 |  |
| 11:00 | 1.513 | 169.836 |  |
| 11:05 | 1.396 | 151.73  |  |
| 11:10 | 1.285 | 172.946 |  |
| 11:15 | 1.384 | 195.805 |  |
| 11:20 | 1.519 | 142.467 |  |
| 11:25 | 1.506 | 146.828 |  |
| 11:30 | 1.313 | 159.557 |  |
| 11:35 | 1.119 | 137.716 |  |
| 11:40 | 1.243 | 192.374 |  |
| 11:45 | 1.421 | 199.819 |  |
| 11:50 | 1.789 | 167.53  |  |
| 11:55 | 1.729 | 185.725 |  |
| 12:00 | 1.538 | 196.428 |  |
| 12:05 | 1.533 | 218.173 |  |
| 12:10 | 1.473 | 169.187 |  |
| 12:15 | 1.340 | 171.151 |  |
| 12:20 | 1.323 | 208.196 |  |
| 12:25 | 1.360 | 181.696 |  |
| 12:30 | 1.173 | 190.892 |  |
| 12:35 | 1.471 | 196.909 |  |
| 12:40 | 1.794 | 207.866 |  |
| 12:45 | 1.910 | 170.792 |  |
| 12:50 | 1.731 | 186.467 |  |
| 12:55 | 1.947 | 180.716 |  |
| 13:00 | 2.094 | 172.049 |  |
| 13:05 | 1.639 | 162.077 |  |
| 13:10 | 1.645 | 159.363 |  |
| 13:15 | 1.881 | 204.831 |  |
| 13:20 | 2.367 | 194.145 |  |
| 13:25 | 2.821 | 202.545 |  |
| 13:30 | 3.035 | 213.71  |  |
| 13:35 | 2.565 | 170.66  |  |
| 13:40 | 1.920 | 156.161 |  |
| 13:45 | 2.012 | 141.532 |  |
| 13:50 | 2.215 | 176.629 |  |
| 13:55 | 1.880 | 162.101 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 14:00 | 2.102 | 176.764 |  |
| 14:05 | 2.702 | 154.975 |  |
| 14:10 | 2.611 | 134.94  |  |
| 14:15 | 2.730 | 149.288 |  |
| 14:20 | 2.766 | 122.616 |  |
| 14:25 | 2.188 | 120.723 |  |
| 14:30 | 2.032 | 151.878 |  |
| 14:35 | 2.108 | 149.978 |  |
| 14:40 | 2.399 | 156.897 |  |
| 14:45 | 2.773 | 145.592 |  |
| 14:50 | 2.741 | 165.766 |  |
| 14:55 | 2.525 | 183.444 |  |
| 15:00 | 2.241 | 145.923 |  |
| 15:05 | 1.973 | 133.326 |  |
| 15:10 | 1.829 | 129.342 |  |
| 15:15 | 2.122 | 117.732 |  |
| 15:20 | 2.251 | 107.69  |  |
| 15:25 | 2.150 | 140.306 |  |
| 15:30 | 2.041 | 174.208 |  |
| 15:35 | 2.037 | 158.262 |  |
| 15:40 | 1.956 | 128.566 |  |
| 15:45 | 2.025 | 152.832 |  |
| 15:50 | 1.947 | 167.596 |  |
| 15:55 | 1.464 | 141.534 |  |
| 16:00 | 1.624 | 170.649 |  |
| 16:05 | 1.863 | 158.412 |  |
| 16:10 | 1.837 | 164.598 |  |
| 16:15 | 1.897 | 169.122 |  |
| 16:20 | 1.794 | 141.625 |  |
| 16:25 | 1.438 | 175.274 |  |
| 16:30 | 1.501 | 155.986 |  |
| 16:35 | 1.800 | 153.928 |  |
| 16:40 | 2.103 | 164.993 |  |
| 16:45 | 2.238 | 176.065 |  |
| 16:50 | 2.109 | 136.706 |  |
| 16:55 | 2.055 | 181.845 |  |
| 17:00 | 1.828 | 142.981 |  |
| 17:05 | 1.522 | 173.375 |  |
| 17:10 | 1.660 | 158.285 |  |
| 17:15 | 1.804 | 141.082 |  |
| 17:20 | 1.599 | 169.619 |  |
| 17:25 | 1.493 | 167.199 |  |
| 17:30 | 1.419 | 168.174 |  |
| 17:35 | 1.956 | 151.095 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 17:40 | 1.983 | 151.392 |  |
| 17:45 | 1.613 | 189.706 |  |
| 17:50 | 1.815 | 165.759 |  |
| 17:55 | 1.783 | 174.62  |  |
| 18:00 | 1.598 | 166.171 |  |
| 18:05 | 1.668 | 198.421 |  |
| 18:10 | 1.901 | 200.806 |  |
| 18:15 | 2.147 | 182.082 |  |
| 18:20 | 2.308 | 193.151 |  |
| 18:25 | 2.726 | 196.318 |  |
| 18:30 | 2.606 | 174.836 |  |
| 18:35 | 1.711 | 178.155 |  |
| 18:40 | 1.156 | 148.858 |  |
| 18:45 | 0.927 | 158.415 |  |
| 18:50 | 1.261 | 147.676 |  |
| 18:55 | 1.224 | 147.243 |  |
| 19:00 | 0.914 | 89.4919 |  |
| 19:05 | 0.970 | 96.9352 |  |
| 19:10 | 0.840 | 107.182 |  |
| 19:15 | 0.620 | 181.459 |  |
| 19:20 | 0.505 | 186.806 |  |
| 19:25 | 0.659 | 185.984 |  |
| 19:30 | 0.724 | 137.862 |  |
| 19:35 | 0.675 | 114.455 |  |
| 19:40 | 0.628 | 112.68  |  |
| 19:45 | 0.661 | 98.633  |  |
| 19:50 | 0.468 | 164.535 |  |
| 19:55 | 0.421 | 139.168 |  |
| 20:00 | 0.471 | 113.049 |  |
| 20:05 | 0.465 | 169.082 |  |
| 20:10 | 0.550 | 107.896 |  |
| 20:15 | 0.549 | 155.974 |  |
| 20:20 | 0.499 | 120.855 |  |
| 20:25 | 0.428 | 144.474 |  |
| 20:30 | 0.506 | 189.469 |  |
| 20:35 | 0.774 | 190.746 |  |
| 20:40 | 0.836 | 150.403 |  |
| 20:45 | 0.711 | 145.72  |  |
| 20:50 | 0.523 | 117.051 |  |
| 20:55 | 0.492 | 77.7518 |  |
| 21:00 | 0.708 | 80.1516 |  |
| 21:05 | 0.626 | 156.561 |  |
| 21:10 | 0.662 | 193.069 |  |
| 21:15 | 0.951 | 152.036 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 21:20 | 0.751 | 162.923 |  |
| 21:25 | 0.675 | 163.603 |  |
| 21:30 | 0.617 | 165.084 |  |
| 21:35 | 0.856 | 178.074 |  |
| 21:40 | 1.206 | 150.467 |  |
| 21:45 | 1.037 | 177.09  |  |
| 21:50 | 0.997 | 191.78  |  |
| 21:55 | 1.549 | 229.398 |  |
| 22:00 | 4.583 | 221.131 |  |
| 22:05 | 4.278 | 218.784 |  |
| 22:10 | 3.377 | 213.275 |  |
| 22:15 | 2.711 | 204.114 |  |
| 22:20 | 2.502 | 188.527 |  |
| 22:25 | 1.980 | 186.525 |  |
| 22:30 | 1.877 | 183.981 |  |
| 22:35 | 1.765 | 189.878 |  |
| 22:40 | 1.900 | 213.806 |  |
| 22:45 | 2.278 | 205.696 |  |
| 22:50 | 2.078 | 210.551 |  |
| 22:55 | 2.269 | 222.295 |  |
| 23:00 | 2.590 | 217.461 |  |
| 23:05 | 3.624 | 230.993 |  |
| 23:10 | 3.564 | 217.229 |  |
| 23:15 | 3.891 | 205.597 |  |
| 23:20 | 3.701 | 202.771 |  |
| 23:25 | 2.765 | 198.059 |  |
| 23:30 | 3.038 | 183.087 |  |
| 23:35 | 2.820 | 193.877 |  |
| 23:40 | 2.461 | 204.972 |  |
| 23:45 | 2.916 | 221.297 |  |
| 23:50 | 3.367 | 217.783 |  |
| 23:55 | 2.832 | 198.396 |  |