



## Wind Speed and Direction

| 6/29/2023 Time | Wind Speed<br>mph | Wind<br>Direction<br>degrees | Notes |
|----------------|-------------------|------------------------------|-------|
| 0:00           | 0.629             | 144.46                       |       |
| 0:05           | 0.537             | 97.0588                      |       |
| 0:10           | 0.412             | 132.279                      |       |
| 0:15           | 0.424             | 88.8413                      |       |
| 0:20           | 0.543             | 89.3391                      |       |
| 0:25           | 0.556             | 93.3543                      |       |
| 0:30           | 0.662             | 68.8029                      |       |
| 0:35           | 0.742             | 49.6212                      |       |
| 0:40           | 0.692             | 105.51                       |       |
| 0:45           | 0.578             | 151.835                      |       |
| 0:50           | 0.457             | 103.016                      |       |
| 0:55           | 0.545             | 76.4471                      |       |
| 1:00           | 0.747             | 56.4483                      |       |
| 1:05           | 0.890             | 79.4238                      |       |
| 1:10           | 0.719             | 97.0708                      |       |
| 1:15           | 0.441             | 114.285                      |       |
| 1:20           | 0.443             | 127.946                      |       |
| 1:25           | 0.509             | 129.987                      |       |
| 1:30           | 0.488             | 103.39                       |       |
| 1:35           | 0.489             | 96.355                       |       |
| 1:40           | 0.564             | 89.0318                      |       |
| 1:45           | 0.562             | 98.4854                      |       |
| 1:50           | 0.550             | 66.1318                      |       |
| 1:55           | 0.653             | 86.8894                      |       |
| 2:00           | 0.622             | 85.329                       |       |
| 2:05           | 0.525             | 93.9826                      |       |
| 2:10           | 0.517             | 98.324                       |       |
| 2:15           | 0.555             | 83.5163                      |       |
| 2:20           | 0.594             | 67.0142                      |       |
| 2:25           | 0.550             | 101.786                      |       |
| 2:30           | 0.487             | 112.744                      |       |
| 2:35           | 0.513             | 108.804                      |       |
| 2:40           | 0.551             | 132.343                      |       |
| 2:45           | 0.490             | 123.129                      |       |
| 2:50           | 0.393             | 131.453                      |       |
| 2:55           | 0.396             | 128.056                      |       |

|      |       |         |  |
|------|-------|---------|--|
| 3:00 | 0.439 | 121.782 |  |
| 3:05 | 0.498 | 125.522 |  |
| 3:10 | 0.555 | 127.306 |  |
| 3:15 | 0.530 | 127.902 |  |
| 3:20 | 0.468 | 119.178 |  |
| 3:25 | 0.424 | 132.289 |  |
| 3:30 | 0.446 | 121.445 |  |
| 3:35 | 0.414 | 135.457 |  |
| 3:40 | 0.459 | 127.498 |  |
| 3:45 | 0.581 | 118.246 |  |
| 3:50 | 0.541 | 138.286 |  |
| 3:55 | 0.471 | 120.256 |  |
| 4:00 | 0.484 | 134.346 |  |
| 4:05 | 0.523 | 127.963 |  |
| 4:10 | 0.602 | 114.158 |  |
| 4:15 | 0.606 | 128.463 |  |
| 4:20 | 0.520 | 135.592 |  |
| 4:25 | 0.559 | 112.397 |  |
| 4:30 | 0.543 | 132.041 |  |
| 4:35 | 0.402 | 137.477 |  |
| 4:40 | 0.443 | 144.34  |  |
| 4:45 | 0.594 | 143.238 |  |
| 4:50 | 0.629 | 145.485 |  |
| 4:55 | 0.703 | 160.332 |  |
| 5:00 | 0.815 | 162.918 |  |
| 5:05 | 0.897 | 164.652 |  |
| 5:10 | 0.887 | 128.202 |  |
| 5:15 | 0.756 | 133.012 |  |
| 5:20 | 0.675 | 137.264 |  |
| 5:25 | 0.656 | 138.974 |  |
| 5:30 | 0.580 | 115.331 |  |
| 5:35 | 0.532 | 100.837 |  |
| 5:40 | 0.476 | 143.012 |  |
| 5:45 | 0.665 | 142.352 |  |
| 5:50 | 0.651 | 135.93  |  |
| 5:55 | 0.605 | 124.906 |  |
| 6:00 | 0.790 | 112.342 |  |
| 6:05 | 0.837 | 121.493 |  |
| 6:10 | 0.673 | 158.278 |  |
| 6:15 | 0.890 | 148.549 |  |
| 6:20 | 0.755 | 131.316 |  |
| 6:25 | 0.606 | 140.007 |  |
| 6:30 | 0.760 | 156.894 |  |
| 6:35 | 0.821 | 170.217 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 6:40  | 0.879 | 127.193 |  |
| 6:45  | 0.608 | 122.498 |  |
| 6:50  | 0.830 | 123.087 |  |
| 6:55  | 0.863 | 116.792 |  |
| 7:00  | 0.801 | 105.347 |  |
| 7:05  | 0.798 | 106.938 |  |
| 7:10  | 0.729 | 126.676 |  |
| 7:15  | 0.728 | 103.61  |  |
| 7:20  | 0.591 | 123.83  |  |
| 7:25  | 0.575 | 139.764 |  |
| 7:30  | 0.580 | 150.994 |  |
| 7:35  | 0.775 | 122.293 |  |
| 7:40  | 0.883 | 126.051 |  |
| 7:45  | 0.763 | 118.944 |  |
| 7:50  | 0.651 | 150.572 |  |
| 7:55  | 0.816 | 160.817 |  |
| 8:00  | 0.840 | 161.061 |  |
| 8:05  | 0.797 | 165.61  |  |
| 8:10  | 0.953 | 195.441 |  |
| 8:15  | 1.018 | 185.725 |  |
| 8:20  | 0.981 | 195.875 |  |
| 8:25  | 0.906 | 203.14  |  |
| 8:30  | 0.845 | 164.703 |  |
| 8:35  | 0.800 | 169.271 |  |
| 8:40  | 0.921 | 183.991 |  |
| 8:45  | 1.171 | 188.085 |  |
| 8:50  | 1.311 | 212.875 |  |
| 8:55  | 1.231 | 219.34  |  |
| 9:00  | 1.407 | 284.397 |  |
| 9:05  | 1.671 | 125.025 |  |
| 9:10  | 1.378 | 178.654 |  |
| 9:15  | 1.229 | 219.311 |  |
| 9:20  | 1.059 | 156.094 |  |
| 9:25  | 0.893 | 230.337 |  |
| 9:30  | 1.020 | 269.094 |  |
| 9:35  | 1.432 | 281.538 |  |
| 9:40  | 1.752 | 276.492 |  |
| 9:45  | 1.756 | 269.535 |  |
| 9:50  | 1.600 | 214.896 |  |
| 9:55  | 1.543 | 218.291 |  |
| 10:00 | 1.762 | 268.198 |  |
| 10:05 | 1.808 | 159.908 |  |
| 10:10 | 1.382 | 219.629 |  |
| 10:15 | 1.295 | 273.746 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 10:20 | 1.574 | 238.373 |  |
| 10:25 | 1.875 | 220.039 |  |
| 10:30 | 2.110 | 279.826 |  |
| 10:35 | 2.361 | 217.545 |  |
| 10:40 | 2.160 | 252.276 |  |
| 10:45 | 2.138 | 277.196 |  |
| 10:50 | 2.109 | 278.487 |  |
| 10:55 | 1.790 | 276.594 |  |
| 11:00 | 1.699 | 238.673 |  |
| 11:05 | 1.580 | 232.715 |  |
| 11:10 | 1.495 | 216.18  |  |
| 11:15 | 1.534 | 225.307 |  |
| 11:20 | 1.537 | 207.624 |  |
| 11:25 | 1.615 | 189.366 |  |
| 11:30 | 1.582 | 189.914 |  |
| 11:35 | 1.322 | 123.965 |  |
| 11:40 | 1.129 | 185.902 |  |
| 11:45 | 1.336 | 203.096 |  |
| 11:50 | 1.290 | 146.438 |  |
| 11:55 | 1.114 | 136.174 |  |
| 12:00 | 1.195 | 175.957 |  |
| 12:05 | 1.217 | 200.332 |  |
| 12:10 | 1.654 | 210.264 |  |
| 12:15 | 1.843 | 182.69  |  |
| 12:20 | 1.513 | 192.658 |  |
| 12:25 | 1.521 | 184.614 |  |
| 12:30 | 1.765 | 159.618 |  |
| 12:35 | 1.557 | 131.841 |  |
| 12:40 | 1.332 | 149.047 |  |
| 12:45 | 1.287 | 88.6473 |  |
| 12:50 | 1.418 | 86.8397 |  |
| 12:55 | 1.552 | 190.676 |  |
| 13:00 | 1.785 | 177.914 |  |
| 13:05 | 1.575 | 160.525 |  |
| 13:10 | 1.404 | 208.203 |  |
| 13:15 | 1.876 | 186.001 |  |
| 13:20 | 1.751 | 179.022 |  |
| 13:25 | 1.234 | 164.392 |  |
| 13:30 | 1.185 | 130.897 |  |
| 13:35 | 1.439 | 176.378 |  |
| 13:40 | 1.656 | 156.467 |  |
| 13:45 | 1.660 | 160.432 |  |
| 13:50 | 1.527 | 184.736 |  |
| 13:55 | 2.154 | 196.368 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 14:00 | 2.609 | 187.1   |  |
| 14:05 | 2.538 | 191.515 |  |
| 14:10 | 2.643 | 186.073 |  |
| 14:15 | 2.733 | 176.86  |  |
| 14:20 | 2.620 | 191.929 |  |
| 14:25 | 2.560 | 188.511 |  |
| 14:30 | 2.670 | 201.676 |  |
| 14:35 | 2.610 | 193.455 |  |
| 14:40 | 2.391 | 191.944 |  |
| 14:45 | 2.086 | 196.016 |  |
| 14:50 | 1.807 | 202.282 |  |
| 14:55 | 1.568 | 176.308 |  |
| 15:00 | 1.207 | 167.039 |  |
| 15:05 | 1.256 | 176.668 |  |
| 15:10 | 1.508 | 127.97  |  |
| 15:15 | 1.649 | 143.439 |  |
| 15:20 | 1.750 | 212.903 |  |
| 15:25 | 1.875 | 189.981 |  |
| 15:30 | 1.826 | 172.507 |  |
| 15:35 | 1.692 | 173.606 |  |
| 15:40 | 1.787 | 186.178 |  |
| 15:45 | 1.676 | 178.68  |  |
| 15:50 | 1.609 | 190.779 |  |
| 15:55 | 1.416 | 181.996 |  |
| 16:00 | 1.291 | 122.508 |  |
| 16:05 | 1.484 | 111.427 |  |
| 16:10 | 1.738 | 162.195 |  |
| 16:15 | 1.887 | 97.8038 |  |
| 16:20 | 1.729 | 98.1403 |  |
| 16:25 | 1.573 | 159.797 |  |
| 16:30 | 1.553 | 152.917 |  |
| 16:35 | 1.558 | 112.069 |  |
| 16:40 | 1.238 | 138.83  |  |
| 16:45 | 1.305 | 128.999 |  |
| 16:50 | 1.758 | 68.839  |  |
| 16:55 | 1.475 | 94.4839 |  |
| 17:00 | 1.152 | 127.079 |  |
| 17:05 | 1.538 | 74.1623 |  |
| 17:10 | 1.489 | 91.1965 |  |
| 17:15 | 1.189 | 95.6529 |  |
| 17:20 | 1.304 | 139.474 |  |
| 17:25 | 1.432 | 78.7818 |  |
| 17:30 | 1.386 | 128.051 |  |
| 17:35 | 1.411 | 104.674 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 17:40 | 1.361 | 97.4056 |  |
| 17:45 | 0.966 | 118.829 |  |
| 17:50 | 0.882 | 96.6245 |  |
| 17:55 | 0.968 | 80.4692 |  |
| 18:00 | 0.981 | 67.6768 |  |
| 18:05 | 0.831 | 84.3883 |  |
| 18:10 | 1.164 | 110.904 |  |
| 18:15 | 0.915 | 82.9583 |  |
| 18:20 | 0.934 | 128.008 |  |
| 18:25 | 1.306 | 76.9707 |  |
| 18:30 | 0.995 | 100.511 |  |
| 18:35 | 1.098 | 87.2499 |  |
| 18:40 | 0.770 | 89.3494 |  |
| 18:45 | 0.950 | 68.0459 |  |
| 18:50 | 1.078 | 78.5861 |  |
| 18:55 | 1.022 | 98.0287 |  |
| 19:00 | 0.783 | 112.943 |  |
| 19:05 | 0.864 | 125.375 |  |
| 19:10 | 0.723 | 82.742  |  |
| 19:15 | 0.630 | 94.4135 |  |
| 19:20 | 0.647 | 97.6356 |  |
| 19:25 | 0.633 | 78.0316 |  |
| 19:30 | 0.674 | 125.941 |  |
| 19:35 | 0.641 | 111.194 |  |
| 19:40 | 0.596 | 135.386 |  |
| 19:45 | 0.699 | 148.283 |  |
| 19:50 | 0.836 | 165.142 |  |
| 19:55 | 0.797 | 147.844 |  |
| 20:00 | 0.733 | 150.767 |  |
| 20:05 | 0.660 | 179.387 |  |
| 20:10 | 0.939 | 162.389 |  |
| 20:15 | 0.697 | 109.491 |  |
| 20:20 | 0.498 | 109.534 |  |
| 20:25 | 0.492 | 173.343 |  |
| 20:30 | 0.667 | 176.175 |  |
| 20:35 | 0.827 | 158.307 |  |
| 20:40 | 0.636 | 169.448 |  |
| 20:45 | 0.750 | 178.865 |  |
| 20:50 | 0.883 | 176.22  |  |
| 20:55 | 0.945 | 137.091 |  |
| 21:00 | 0.646 | 66.8975 |  |
| 21:05 | 0.551 | 99.4261 |  |
| 21:10 | 0.605 | 173.503 |  |
| 21:15 | 0.781 | 169.633 |  |

|       |       |         |  |
|-------|-------|---------|--|
| 21:20 | 0.943 | 99.1943 |  |
| 21:25 | 0.662 | 145.571 |  |
| 21:30 | 0.469 | 171.099 |  |
| 21:35 | 0.585 | 149.773 |  |
| 21:40 | 0.607 | 112.112 |  |
| 21:45 | 0.537 | 108.294 |  |
| 21:50 | 0.604 | 127.795 |  |
| 21:55 | 0.711 | 111.827 |  |
| 22:00 | 0.664 | 124.577 |  |
| 22:05 | 0.607 | 124.935 |  |
| 22:10 | 0.636 | 133.452 |  |
| 22:15 | 0.609 | 124.468 |  |
| 22:20 | 0.543 | 50.5156 |  |
| 22:25 | 0.693 | 170.605 |  |
| 22:30 | 0.793 | 230.955 |  |
| 22:35 | 1.110 | 223.376 |  |
| 22:40 | 1.257 | 194.806 |  |
| 22:45 | 0.919 | 118.122 |  |
| 22:50 | 0.802 | 97.5326 |  |
| 22:55 | 0.783 | 44.8266 |  |
| 23:00 | 0.875 | 45.5768 |  |
| 23:05 | 0.806 | 53.2811 |  |
| 23:10 | 0.766 | 48.4968 |  |
| 23:15 | 0.764 | 179.083 |  |
| 23:20 | 0.627 | 213.394 |  |
| 23:25 | 0.569 | 55.8938 |  |
| 23:30 | 0.745 | 38.7583 |  |
| 23:35 | 0.928 | 50.1877 |  |
| 23:40 | 0.852 | 154.934 |  |
| 23:45 | 0.794 | 215.174 |  |
| 23:50 | 1.434 | 212.942 |  |
| 23:55 | 2.000 | 249.047 |  |