

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|------------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 01/01/2021 | 12:00:00 AM | -2.437 | 12.489 | 63.507 | 101.888 | 0.186 | 497.3 |
| 01/01/2021 | 1:00:00 AM | -1.625 | 12.252 | 69.238 | 260.487 | 0.192 | 497.3 |
| 01/01/2021 | 2:00:00 AM | -2.573 | 12.337 | 66.846 | 152.689 | 0.963 | 497.3 |
| 01/01/2021 | 3:00:00 AM | -2.979 | 12.299 | 67.568 | 109.099 | 0.724 | 497.3 |
| 01/01/2021 | 4:00:00 AM | -3.791 | 12.209 | 67.329 | 107.593 | 0.52 | 497.3 |
| 01/01/2021 | 5:00:00 AM | -4.062 | 12.591 | 66.868 | 123.729 | 1.29 | 497.3 |
| 01/01/2021 | 6:00:00 AM | -3.385 | 12.797 | 66.966 | 140.652 | 0.185 | 497.3 |
| 01/01/2021 | 7:00:00 AM | 14.759 | 12.9 | 67.872 | 153.319 | 0.189 | 497.3 |
| 01/01/2021 | 8:00:00 AM | 63.099 | 13.51 | 66.409 | 88.159 | 0.182 | 497.3 |
| 01/01/2021 | 9:00:00 AM | 53.892 | 14.009 | 64.534 | 97.189 | 0.185 | 497.3 |
| 01/01/2021 | 10:00:00 AM | 172.778 | 14.418 | 64.151 | 166.69 | 0.185 | 497.3 |
| 01/01/2021 | 11:00:00 AM | 375.481 | 15.897 | 57.426 | 100.207 | 0.188 | 497.3 |
| 01/01/2021 | 12:00:00 PM | 295.321 | 17.009 | 51.637 | 84.59 | 0.188 | 497.3 |
| 01/01/2021 | 1:00:00 PM | 377.377 | 17.557 | 53.329 | 212.919 | 1.104 | 497.3 |
| 01/01/2021 | 2:00:00 PM | 300.601 | 17.48 | 52.408 | 141.12 | 1.35 | 497.3 |
| 01/01/2021 | 3:00:00 PM | 93.972 | 16.888 | 56.963 | 343.484 | 0.195 | 497.3 |
| 01/01/2021 | 4:00:00 PM | 67.297 | 16.444 | 59.147 | 189.77 | 1.075 | 497.3 |
| 01/01/2021 | 5:00:00 PM | 2.437 | 16.072 | 61.524 | 97.501 | 0.186 | 497.3 |
| 01/01/2021 | 6:00:00 PM | -5.552 | 15.914 | 64.216 | 192.521 | 0.476 | 497.3 |
| 01/01/2021 | 7:00:00 PM | -3.521 | 15.52 | 67.232 | 97.707 | 0.187 | 497.3 |
| 01/01/2021 | 8:00:00 PM | -4.198 | 15.079 | 70.708 | 85.499 | 0.329 | 497.3 |
| 01/01/2021 | 9:00:00 PM | -4.062 | 14.834 | 73.052 | 345.215 | 0.197 | 497.3 |
| 01/01/2021 | 10:00:00 PM | -3.114 | 14.983 | 73.119 | 151.902 | 0.186 | 497.3 |
| 01/01/2021 | 11:00:00 PM | -3.927 | 15.274 | 71.217 | 89.565 | 0.186 | 497.3 |
| 01/02/2021 | 12:00:00 AM | -3.114 | 14.959 | 74.763 | 175.278 | 0.188 | 497.3 |
| 01/02/2021 | 1:00:00 AM | -3.25 | 15.053 | 75.94 | 139.358 | 0.185 | 497.3 |
| 01/02/2021 | 2:00:00 AM | -3.521 | 14.978 | 78.147 | 114.806 | 0.186 | 497.3 |
| 01/02/2021 | 3:00:00 AM | -2.437 | 15.062 | 78.47 | 50.433 | 0.185 | 497.3 |
| 01/02/2021 | 4:00:00 AM | -2.166 | 15.047 | 77.283 | 242.729 | 0.191 | 497.3 |
| 01/02/2021 | 5:00:00 AM | -3.114 | 15.102 | 78.919 | 63.442 | 0.967 | 497.3 |
| 01/02/2021 | 6:00:00 AM | -1.625 | 14.42 | 80.622 | 18.571 | 0.531 | 497.3 |
| 01/02/2021 | 7:00:00 AM | 4.875 | 14.288 | 79.516 | 246.977 | 0.808 | 497.3 |
| 01/02/2021 | 8:00:00 AM | 22.477 | 14.961 | 74.579 | 240.391 | 1.183 | 497.3 |
| 01/02/2021 | 9:00:00 AM | 72.307 | 15.019 | 74.81 | 104.357 | 0.911 | 497.3 |
| 01/02/2021 | 10:00:00 AM | 198.099 | 15.519 | 72.182 | 61.327 | 1.011 | 497.3 |
| 01/02/2021 | 11:00:00 AM | 217.191 | 16.328 | 69.043 | 88.63 | 0.186 | 497.3 |
| 01/02/2021 | 12:00:00 PM | 187.944 | 16.535 | 69.366 | 198.729 | 1.475 | 497.3 |
| 01/02/2021 | 1:00:00 PM | 200.536 | 16.652 | 69.643 | 90.519 | 1.484 | 497.3 |
| 01/02/2021 | 2:00:00 PM | 91.941 | 16.709 | 70.008 | 152.289 | 0.189 | 497.3 |
| 01/02/2021 | 3:00:00 PM | 54.433 | 16.526 | 73.306 | 176.711 | 0.482 | 497.3 |
| 01/02/2021 | 4:00:00 PM | 11.916 | 16.243 | 76.096 | 146.493 | 1.6 | 497.3 |
| 01/02/2021 | 5:00:00 PM | 3.927 | 16.249 | 75.694 | 30.703 | 0.229 | 497.3 |
| 01/02/2021 | 6:00:00 PM | -3.521 | 16.082 | 76.412 | 150.078 | 0.525 | 497.3 |
| 01/02/2021 | 7:00:00 PM | -2.437 | 16.303 | 75.693 | 140.271 | 1.46 | 497.3 |
| 01/02/2021 | 8:00:00 PM | -2.708 | 16.669 | 75.433 | 101.561 | 0.811 | 497.3 |
| 01/02/2021 | 9:00:00 PM | -4.604 | 16.752 | 75.152 | 131.805 | 0.357 | 497.3 |
| 01/02/2021 | 10:00:00 PM | -3.25 | 16.798 | 75.614 | 204.213 | 0.398 | 497.3 |
| 01/02/2021 | 11:00:00 PM | -4.468 | 16.951 | 75.099 | 285.289 | 0.405 | 497.3 |
| 01/03/2021 | 12:00:00 AM | -6.364 | 16.584 | 76.336 | 303.094 | 0.189 | 497.3 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|------------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 01/03/2021 | 1:00:00 AM | -5.145 | 16.405 | 76.333 | 145.116 | 0.187 | 497.3 |
| 01/03/2021 | 2:00:00 AM | -3.114 | 16.62 | 76.868 | 130.418 | 0.22 | 497.3 |
| 01/03/2021 | 3:00:00 AM | -2.302 | 16.494 | 77.705 | 135.838 | 3.539 | 497.3 |
| 01/03/2021 | 4:00:00 AM | -4.198 | 16.389 | 78.53 | 129.784 | 0.712 | 497.3 |
| 01/03/2021 | 5:00:00 AM | -2.302 | 16.461 | 78.672 | 102.663 | 0.512 | 497.3 |
| 01/03/2021 | 6:00:00 AM | -0.948 | 16.582 | 78.791 | 99.295 | 0.188 | 497.3 |
| 01/03/2021 | 7:00:00 AM | 17.467 | 16.732 | 78.007 | 129.852 | 0.188 | 497.3 |
| 01/03/2021 | 8:00:00 AM | 322.673 | 18.505 | 75.28 | 130.946 | 0.952 | 497.3 |
| 01/03/2021 | 9:00:00 AM | 458.079 | 20.473 | 65.989 | 162.669 | 2.367 | 497.3 |
| 01/03/2021 | 10:00:00 AM | 661.729 | 22.096 | 59.752 | 73.493 | 0.188 | 497.3 |
| 01/03/2021 | 11:00:00 AM | 469.588 | 22.638 | 55.919 | 147.314 | 1.591 | 497.3 |
| 01/03/2021 | 12:00:00 PM | 777.366 | 23.799 | 53.922 | 131.389 | 0.353 | 497.3 |
| 01/03/2021 | 1:00:00 PM | 207.307 | 23.031 | 57.653 | 109.178 | 0.189 | 497.3 |
| 01/03/2021 | 2:00:00 PM | 630.586 | 23.714 | 55.966 | 168.84 | 1.408 | 497.3 |
| 01/03/2021 | 3:00:00 PM | 223.149 | 22.677 | 62.228 | 200.125 | 1.719 | 497.3 |
| 01/03/2021 | 4:00:00 PM | 93.024 | 22.075 | 67.336 | 263.384 | 0.761 | 497.3 |
| 01/03/2021 | 5:00:00 PM | 11.78 | 20.794 | 74.166 | 241.655 | 0.235 | 497.3 |
| 01/03/2021 | 6:00:00 PM | -3.927 | 19.98 | 80.819 | 217.267 | 0.539 | 497.3 |
| 01/03/2021 | 7:00:00 PM | -3.791 | 20.061 | 82.044 | 231.638 | 0.191 | 497.3 |
| 01/03/2021 | 8:00:00 PM | -3.927 | 19.994 | 82.522 | 207.29 | 0.193 | 497.3 |
| 01/03/2021 | 9:00:00 PM | -2.708 | 19.588 | 83.226 | 87.224 | 0.187 | 497.3 |
| 01/03/2021 | 10:00:00 PM | -5.552 | 19.291 | 81.016 | 344.899 | 0.199 | 497.3 |
| 01/03/2021 | 11:00:00 PM | -2.844 | 19.121 | 80.145 | 267.396 | 0.872 | 497.3 |
| 01/04/2021 | 12:00:00 AM | -1.489 | 18.93 | 78.865 | 251.787 | 0.49 | 497.3 |
| 01/04/2021 | 1:00:00 AM | -5.958 | 18.689 | 82 | 250.391 | 1.12 | 497.3 |
| 01/04/2021 | 2:00:00 AM | -3.656 | 18.291 | 84.59 | 232.747 | 0.635 | 497.3 |
| 01/04/2021 | 3:00:00 AM | -4.062 | 17.832 | 88.173 | 228.441 | 0.718 | 497.3 |
| 01/04/2021 | 4:00:00 AM | -3.791 | 17.916 | 88.553 | 249.358 | 0.403 | 497.3 |
| 01/04/2021 | 5:00:00 AM | -2.031 | 17.582 | 92.196 | 237.829 | 0.912 | 498.2 |
| 01/04/2021 | 6:00:00 AM | -1.896 | 17.681 | 93.659 | 273.991 | 0.194 | 498.5 |
| 01/04/2021 | 7:00:00 AM | 4.604 | 17.867 | 94.58 | 165.569 | 0.187 | 498.6 |
| 01/04/2021 | 8:00:00 AM | 53.892 | 18.025 | 95.407 | 191.754 | 0.781 | 499.5 |
| 01/04/2021 | 9:00:00 AM | 62.287 | 18.378 | 95.728 | 285.177 | 0.195 | 500.3 |
| 01/04/2021 | 10:00:00 AM | 119.428 | 19.032 | 96.21 | 270.994 | 0.732 | 500.8 |
| 01/04/2021 | 11:00:00 AM | 193.089 | 19.817 | 96.313 | 90.497 | 0.19 | 501.4 |
| 01/04/2021 | 12:00:00 PM | 466.474 | 21.046 | 90.99 | 77.854 | 0.188 | 501.4 |
| 01/04/2021 | 1:00:00 PM | 242.106 | 21.394 | 85.182 | 133.637 | 1.323 | 501.4 |
| 01/04/2021 | 2:00:00 PM | 369.523 | 21.837 | 81.849 | 81.204 | 1.338 | 501.4 |
| 01/04/2021 | 3:00:00 PM | 173.726 | 21.725 | 82.489 | 138.861 | 1.227 | 501.4 |
| 01/04/2021 | 4:00:00 PM | 55.787 | 21.183 | 85.083 | 70.92 | 1.207 | 501.4 |
| 01/04/2021 | 5:00:00 PM | 10.832 | 21.061 | 86.252 | 186.199 | 0.216 | 501.4 |
| 01/04/2021 | 6:00:00 PM | -1.896 | 20.808 | 87.757 | 132.857 | 1.081 | 501.4 |
| 01/04/2021 | 7:00:00 PM | -3.791 | 20.921 | 89.87 | 189.709 | 0.191 | 501.4 |
| 01/04/2021 | 8:00:00 PM | -1.354 | 20.233 | 93.419 | 249.24 | 0.641 | 502.6 |
| 01/04/2021 | 9:00:00 PM | -2.302 | 20.183 | 95.278 | 292.937 | 0.194 | 503.2 |
| 01/04/2021 | 10:00:00 PM | -1.219 | 19.985 | 95.995 | 241.561 | 0.986 | 503.5 |
| 01/04/2021 | 11:00:00 PM | -1.219 | 19.934 | 96.757 | 122.442 | 0.995 | 503.7 |
| 01/05/2021 | 12:00:00 AM | -1.896 | 19.603 | 96.696 | 265.463 | 1.41 | 504.3 |
| 01/05/2021 | 1:00:00 AM | -2.708 | 19.559 | 96.947 | 271.575 | 1.774 | 504.6 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|------------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 01/05/2021 | 2:00:00 AM | 1.083 | 19.335 | 96.537 | 30.713 | 0.477 | 504.7 |
| 01/05/2021 | 3:00:00 AM | -0.542 | 19.296 | 95.733 | 245.539 | 0.571 | 504.7 |
| 01/05/2021 | 4:00:00 AM | 0 | 19.161 | 94.703 | 143.845 | 1.115 | 504.8 |
| 01/05/2021 | 5:00:00 AM | -0.542 | 18.996 | 89.343 | 39.576 | 0.247 | 504.8 |
| 01/05/2021 | 6:00:00 AM | 0 | 18.798 | 87.587 | 150.722 | 0.19 | 504.8 |
| 01/05/2021 | 7:00:00 AM | 3.656 | 18.693 | 88.072 | 126.738 | 0.37 | 504.8 |
| 01/05/2021 | 8:00:00 AM | 57.683 | 18.548 | 88.591 | 112.4 | 0.522 | 504.8 |
| 01/05/2021 | 9:00:00 AM | 88.014 | 18.577 | 86.488 | 127.712 | 0.189 | 504.8 |
| 01/05/2021 | 10:00:00 AM | 102.232 | 18.495 | 86.572 | 19.781 | 0.916 | 504.8 |
| 01/05/2021 | 11:00:00 AM | 90.587 | 18.473 | 86.067 | 356.455 | 0.201 | 504.8 |
| 01/05/2021 | 12:00:00 PM | 247.387 | 18.992 | 83.353 | 155.786 | 0.195 | 504.8 |
| 01/05/2021 | 1:00:00 PM | 98.711 | 18.732 | 82.084 | 37.266 | 0.186 | 504.8 |
| 01/05/2021 | 2:00:00 PM | 137.708 | 18.894 | 80.433 | 169.449 | 0.431 | 504.8 |
| 01/05/2021 | 3:00:00 PM | 72.713 | 18.353 | 82.708 | 44.138 | 0.573 | 504.8 |
| 01/05/2021 | 4:00:00 PM | 28.977 | 18.304 | 82.205 | 140.678 | 1.516 | 504.8 |
| 01/05/2021 | 5:00:00 PM | -1.489 | 17.51 | 88.074 | 119.796 | 0.91 | 505 |
| 01/05/2021 | 6:00:00 PM | -3.791 | 17.34 | 88.476 | 50.964 | 0.63 | 505.6 |
| 01/05/2021 | 7:00:00 PM | -4.062 | 16.997 | 88.857 | 123.129 | 0.881 | 506.2 |
| 01/05/2021 | 8:00:00 PM | -3.791 | 16.762 | 87.55 | 140.224 | 1.129 | 506.3 |
| 01/05/2021 | 9:00:00 PM | -3.25 | 16.999 | 87.625 | 82.251 | 0.186 | 506.3 |
| 01/05/2021 | 10:00:00 PM | -2.979 | 16.566 | 89.579 | 153.017 | 0.192 | 507 |
| 01/05/2021 | 11:00:00 PM | -2.031 | 16.598 | 89.606 | 50.431 | 0.188 | 507.4 |
| 01/06/2021 | 12:00:00 AM | -1.625 | 16.396 | 89.921 | 352.743 | 0.486 | 507.7 |
| 01/06/2021 | 1:00:00 AM | -1.489 | 16.338 | 90.161 | 80.341 | 0.186 | 508 |
| 01/06/2021 | 2:00:00 AM | -1.354 | 16.296 | 87.585 | 166.019 | 0.19 | 508.1 |
| 01/06/2021 | 3:00:00 AM | 0 | 16.155 | 87.288 | 90.236 | 0.188 | 508.1 |
| 01/06/2021 | 4:00:00 AM | -1.219 | 16.055 | 89.195 | 73.68 | 0.475 | 508.3 |
| 01/06/2021 | 5:00:00 AM | 1.489 | 16.347 | 89.488 | 119.744 | 0.954 | 508.6 |
| 01/06/2021 | 6:00:00 AM | -1.219 | 16.363 | 88.351 | 299.448 | 0.636 | 508.6 |
| 01/06/2021 | 7:00:00 AM | 3.927 | 16.385 | 87.204 | 9.209 | 0.724 | 508.7 |
| 01/06/2021 | 8:00:00 AM | 44.007 | 16.248 | 88.873 | 350.953 | 0.197 | 509 |
| 01/06/2021 | 9:00:00 AM | 132.698 | 16.77 | 85.053 | 116.296 | 0.7 | 509 |
| 01/06/2021 | 10:00:00 AM | 410.551 | 18.486 | 74.827 | 75.291 | 0.366 | 509 |
| 01/06/2021 | 11:00:00 AM | 99.794 | 18.412 | 77.559 | 285.837 | 0.538 | 509 |
| 01/06/2021 | 12:00:00 PM | 101.825 | 17.76 | 77.006 | 35.73 | 0.326 | 509 |
| 01/06/2021 | 1:00:00 PM | 65.537 | 17.444 | 77.22 | 125.181 | 0.768 | 509 |
| 01/06/2021 | 2:00:00 PM | 44.549 | 17.179 | 78.77 | 74.809 | 2.627 | 509 |
| 01/06/2021 | 3:00:00 PM | 28.706 | 16.991 | 79.489 | 82.567 | 0.719 | 509 |
| 01/06/2021 | 4:00:00 PM | 38.185 | 17.048 | 80.158 | 64.641 | 0.771 | 509 |
| 01/06/2021 | 5:00:00 PM | 2.166 | 17.025 | 80.574 | 20.352 | 0.184 | 509 |
| 01/06/2021 | 6:00:00 PM | -4.875 | 16.72 | 83.987 | 132.619 | 0.435 | 509 |
| 01/06/2021 | 7:00:00 PM | -3.656 | 16.53 | 86.483 | 17.411 | 0.194 | 509 |
| 01/06/2021 | 8:00:00 PM | -1.219 | 16.323 | 87.848 | 78.892 | 0.186 | 509.3 |
| 01/06/2021 | 9:00:00 PM | -1.76 | 16.178 | 89.489 | 112.534 | 1.698 | 510.1 |
| 01/06/2021 | 10:00:00 PM | -1.083 | 15.951 | 90.724 | 172.321 | 0.618 | 511 |
| 01/06/2021 | 11:00:00 PM | 0.135 | 16.047 | 88.891 | 50.945 | 0.185 | 511.2 |
| 01/07/2021 | 12:00:00 AM | -0.948 | 15.817 | 89.878 | 133.349 | 0.362 | 511.5 |
| 01/07/2021 | 1:00:00 AM | -1.219 | 15.702 | 89.718 | 83.793 | 0.682 | 511.7 |
| 01/07/2021 | 2:00:00 AM | -0.677 | 15.517 | 90.996 | 39.631 | 0.782 | 512.5 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|------------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 01/07/2021 | 3:00:00 AM | -1.489 | 15.32 | 90.601 | 79.519 | 0.792 | 513 |
| 01/07/2021 | 4:00:00 AM | -1.76 | 15.417 | 91.181 | 18.673 | 0.184 | 513.8 |
| 01/07/2021 | 5:00:00 AM | 0.542 | 15.273 | 90.74 | 113.477 | 0.186 | 514.3 |
| 01/07/2021 | 6:00:00 AM | -1.76 | 14.888 | 89.958 | 122.958 | 0.195 | 515.7 |
| 01/07/2021 | 7:00:00 AM | 3.114 | 14.48 | 89.014 | 127.35 | 0.519 | 516.2 |
| 01/07/2021 | 8:00:00 AM | 24.373 | 14.254 | 89.159 | 100.326 | 0.888 | 516.8 |
| 01/07/2021 | 9:00:00 AM | 52.944 | 13.83 | 88.209 | 125.619 | 0.204 | 517.4 |
| 01/07/2021 | 10:00:00 AM | 52.808 | 13.661 | 87.584 | 188.007 | 0.614 | 517.9 |
| 01/07/2021 | 11:00:00 AM | 82.327 | 13.551 | 88.27 | 140.468 | 0.579 | 518.3 |
| 01/07/2021 | 12:00:00 PM | 94.107 | 13.469 | 88.471 | 127.432 | 0.898 | 519 |
| 01/07/2021 | 1:00:00 PM | 79.619 | 13.162 | 86.346 | 119.764 | 1.616 | 519.5 |
| 01/07/2021 | 2:00:00 PM | 17.874 | 13.221 | 86.602 | 140.649 | 0.19 | 519.6 |
| 01/07/2021 | 3:00:00 PM | 43.872 | 13.322 | 87.28 | 1.023 | 0.841 | 519.8 |
| 01/07/2021 | 4:00:00 PM | 8.937 | 12.938 | 85.977 | 54.493 | 0.675 | 520 |
| 01/07/2021 | 5:00:00 PM | 1.625 | 12.439 | 86.423 | 46.071 | 0.553 | 520.2 |
| 01/07/2021 | 6:00:00 PM | -1.083 | 12.207 | 86.631 | 354.603 | 0.551 | 520.5 |
| 01/07/2021 | 7:00:00 PM | -1.219 | 12.031 | 85.193 | 106.18 | 0.775 | 520.6 |
| 01/07/2021 | 8:00:00 PM | -2.437 | 11.625 | 84.609 | 150.373 | 0.864 | 520.9 |
| 01/07/2021 | 9:00:00 PM | -2.844 | 11.301 | 85.348 | 110.521 | 0.593 | 521.2 |
| 01/07/2021 | 10:00:00 PM | -2.302 | 11.135 | 83.725 | 139.566 | 0.355 | 521.5 |
| 01/07/2021 | 11:00:00 PM | -1.76 | 11.064 | 84.425 | 135.802 | 0.185 | 521.7 |
| 01/08/2021 | 12:00:00 AM | -2.708 | 10.657 | 85.121 | 60.592 | 0.41 | 522.1 |
| 01/08/2021 | 1:00:00 AM | -1.083 | 10.068 | 87.724 | 23.45 | 0.565 | 523.1 |
| 01/08/2021 | 2:00:00 AM | -3.521 | 9.592 | 86.415 | 228.006 | 0.186 | 523.8 |
| 01/08/2021 | 3:00:00 AM | -2.979 | 9.098 | 85.814 | 147.572 | 1.755 | 524.5 |
| 01/08/2021 | 4:00:00 AM | -2.573 | 8.973 | 86.217 | 140.667 | 0.185 | 525.4 |
| 01/08/2021 | 5:00:00 AM | -0.948 | 8.961 | 87.621 | 47.043 | 0.178 | 525.9 |
| 01/08/2021 | 6:00:00 AM | -1.489 | 8.873 | 87.237 | 68.816 | 0.176 | 526.3 |
| 01/08/2021 | 7:00:00 AM | -0.406 | 8.823 | 89.231 | 329.949 | 0.19 | 527.2 |
| 01/08/2021 | 8:00:00 AM | 11.645 | 8.909 | 88.846 | 138.254 | 0.588 | 527.7 |
| 01/08/2021 | 9:00:00 AM | 15.301 | 9.111 | 89.431 | 165.247 | 0.187 | 528.6 |
| 01/08/2021 | 10:00:00 AM | 22.613 | 9.087 | 89.423 | 267.492 | 0.189 | 529.2 |
| 01/08/2021 | 11:00:00 AM | 14.082 | 9.435 | 88.927 | 107.718 | 0.592 | 529.7 |
| 01/08/2021 | 12:00:00 PM | 28.841 | 9.406 | 86.481 | 107.368 | 0.183 | 530.2 |
| 01/08/2021 | 1:00:00 PM | 24.508 | 9.311 | 85.316 | 211.047 | 0.187 | 530.4 |
| 01/08/2021 | 2:00:00 PM | 13.676 | 8.915 | 84.292 | 157.672 | 0.185 | 530.7 |
| 01/08/2021 | 3:00:00 PM | 3.385 | 9.098 | 81.396 | 95.035 | 0.396 | 530.7 |
| 01/08/2021 | 4:00:00 PM | 5.281 | 9.093 | 77.253 | 106.917 | 0.183 | 530.8 |
| 01/08/2021 | 5:00:00 PM | -2.302 | 9.032 | 79.304 | 14.341 | 0.18 | 530.8 |
| 01/08/2021 | 6:00:00 PM | -2.437 | 9.028 | 77.675 | 201.846 | 0.189 | 530.8 |
| 01/08/2021 | 7:00:00 PM | -1.354 | 9.177 | 79.764 | 296.333 | 0.191 | 530.9 |
| 01/08/2021 | 8:00:00 PM | -2.979 | 9.409 | 77.983 | 241.452 | 0.189 | 530.9 |
| 01/08/2021 | 9:00:00 PM | -2.031 | 9.44 | 79.298 | 207.135 | 0.185 | 530.9 |
| 01/08/2021 | 10:00:00 PM | -2.302 | 9.791 | 77.891 | 157.446 | 0.186 | 530.9 |
| 01/08/2021 | 11:00:00 PM | -1.489 | 9.612 | 75.054 | 123.445 | 0.803 | 530.9 |
| 01/09/2021 | 12:00:00 AM | -2.302 | 9.857 | 74.613 | 10.905 | 0.18 | 530.9 |
| 01/09/2021 | 1:00:00 AM | -5.687 | 9.679 | 73.787 | 100.553 | 0.416 | 530.9 |
| 01/09/2021 | 2:00:00 AM | -2.708 | 9.464 | 75.639 | 114.027 | 0.79 | 530.9 |
| 01/09/2021 | 3:00:00 AM | -2.031 | 9.612 | 75.543 | 130.298 | 0.18 | 530.9 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|------------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 01/09/2021 | 4:00:00 AM | -1.083 | 9.653 | 69.126 | 85.072 | 0.18 | 530.9 |
| 01/09/2021 | 5:00:00 AM | -2.708 | 10.01 | 65.807 | 142.97 | 0.181 | 530.9 |
| 01/09/2021 | 6:00:00 AM | -2.166 | 9.95 | 65.18 | 85.204 | 0.179 | 530.9 |
| 01/09/2021 | 7:00:00 AM | 1.219 | 9.935 | 68.175 | 187.69 | 0.186 | 530.9 |
| 01/09/2021 | 8:00:00 AM | 17.603 | 10.099 | 66.97 | 135.292 | 0.86 | 530.9 |
| 01/09/2021 | 9:00:00 AM | 82.868 | 10.537 | 63.028 | 81.956 | 0.604 | 530.9 |
| 01/09/2021 | 10:00:00 AM | 80.296 | 10.95 | 58.924 | 159.676 | 0.857 | 530.9 |
| 01/09/2021 | 11:00:00 AM | 69.057 | 10.787 | 56.374 | 191.363 | 0.186 | 530.9 |
| 01/09/2021 | 12:00:00 PM | 103.721 | 10.893 | 55.462 | 122.193 | 0.465 | 530.9 |
| 01/09/2021 | 1:00:00 PM | 221.389 | 10.902 | 56.212 | 133.774 | 0.472 | 530.9 |
| 01/09/2021 | 2:00:00 PM | 185.642 | 11.35 | 54.566 | 149.237 | 1.519 | 530.9 |
| 01/09/2021 | 3:00:00 PM | 149.353 | 11.429 | 52.92 | 47.36 | 0.817 | 530.9 |
| 01/09/2021 | 4:00:00 PM | 51.59 | 11.156 | 55.488 | 159.181 | 1.38 | 530.9 |
| 01/09/2021 | 5:00:00 PM | 6.499 | 10.916 | 58.865 | 38.673 | 0.18 | 530.9 |
| 01/09/2021 | 6:00:00 PM | -4.198 | 10.842 | 59.468 | 80.668 | 0.259 | 530.9 |
| 01/09/2021 | 7:00:00 PM | -3.656 | 10.752 | 62.3 | 136.069 | 1.024 | 530.9 |
| 01/09/2021 | 8:00:00 PM | -4.604 | 10.768 | 59.487 | 51.286 | 0.18 | 530.9 |
| 01/09/2021 | 9:00:00 PM | -3.927 | 10.696 | 63.387 | 132.68 | 0.722 | 530.9 |
| 01/09/2021 | 10:00:00 PM | -4.604 | 10.842 | 62.259 | 98.173 | 1.313 | 530.9 |
| 01/09/2021 | 11:00:00 PM | -4.604 | 10.908 | 64.492 | 69.303 | 0.413 | 530.9 |
| 01/10/2021 | 12:00:00 AM | -6.229 | 11.041 | 63.726 | 346.082 | 0.188 | 530.9 |
| 01/10/2021 | 1:00:00 AM | -4.333 | 11.43 | 62.018 | 134.427 | 1.332 | 530.9 |
| 01/10/2021 | 2:00:00 AM | -4.604 | 11.46 | 63.406 | 122.047 | 0.708 | 530.9 |
| 01/10/2021 | 3:00:00 AM | -5.01 | 11.712 | 63.668 | 115.586 | 0.57 | 530.9 |
| 01/10/2021 | 4:00:00 AM | -6.229 | 11.915 | 62.622 | 125.064 | 0.807 | 530.9 |
| 01/10/2021 | 5:00:00 AM | -5.281 | 11.917 | 64.069 | 85.333 | 0.413 | 530.9 |
| 01/10/2021 | 6:00:00 AM | -5.416 | 12.06 | 64.841 | 334.68 | 0.421 | 530.9 |
| 01/10/2021 | 7:00:00 AM | 0 | 12.471 | 63.426 | 83.801 | 0.184 | 530.9 |
| 01/10/2021 | 8:00:00 AM | 205.14 | 13.302 | 60.482 | 203.16 | 0.187 | 530.9 |
| 01/10/2021 | 9:00:00 AM | 456.995 | 14.991 | 55.774 | 44.46 | 0.373 | 530.9 |
| 01/10/2021 | 10:00:00 AM | 654.147 | 16.575 | 50.778 | 140.144 | 0.869 | 530.9 |
| 01/10/2021 | 11:00:00 AM | 269.864 | 16.214 | 51.158 | 303.11 | 0.503 | 530.9 |
| 01/10/2021 | 12:00:00 PM | 325.11 | 16.402 | 51.948 | 169.555 | 0.499 | 530.9 |
| 01/10/2021 | 1:00:00 PM | 328.36 | 16.718 | 51.66 | 130.87 | 0.27 | 530.9 |
| 01/10/2021 | 2:00:00 PM | 164.383 | 16.159 | 54.069 | 86.15 | 0.696 | 530.9 |
| 01/10/2021 | 3:00:00 PM | 51.725 | 16.055 | 56.644 | 106.529 | 0.184 | 530.9 |
| 01/10/2021 | 4:00:00 PM | 21.8 | 15.344 | 59.418 | 127.324 | 0.187 | 530.9 |
| 01/10/2021 | 5:00:00 PM | -2.166 | 15.196 | 62.015 | 93.015 | 0.773 | 530.9 |
| 01/10/2021 | 6:00:00 PM | -5.145 | 14.947 | 63.979 | 82.433 | 0.676 | 530.9 |
| 01/10/2021 | 7:00:00 PM | -5.01 | 14.807 | 66.491 | 151.199 | 0.186 | 530.9 |
| 01/10/2021 | 8:00:00 PM | -5.687 | 14.659 | 68.421 | 143.142 | 1.228 | 530.9 |
| 01/10/2021 | 9:00:00 PM | -3.521 | 14.702 | 69.507 | 108.083 | 0.186 | 530.9 |
| 01/10/2021 | 10:00:00 PM | -3.927 | 14.85 | 69.299 | 42.856 | 0.821 | 530.9 |
| 01/10/2021 | 11:00:00 PM | -6.77 | 14.173 | 77.636 | 26.145 | 0.182 | 530.9 |
| 01/11/2021 | 12:00:00 AM | -7.854 | 13.882 | 80.486 | 40.359 | 0.603 | 530.9 |
| 01/11/2021 | 1:00:00 AM | -7.312 | 13.554 | 83.417 | 94.626 | 0.182 | 531.1 |
| 01/11/2021 | 2:00:00 AM | -6.77 | 13.454 | 85.168 | 94.576 | 0.186 | 531.2 |
| 01/11/2021 | 3:00:00 AM | -5.416 | 13.207 | 87.723 | 115.296 | 0.663 | 531.4 |
| 01/11/2021 | 4:00:00 AM | -7.447 | 13.355 | 88.044 | 141.291 | 0.569 | 531.5 |

| | | Pyranometer [W/m ²] | Temperature [°C] | RH [%RH] | Wind Direction [angle] | Wind Speed [m/s] | Rain sensor [mm] |
|------------|-------------|------------------------------------|---------------------|-------------|---------------------------|---------------------|---------------------|
| 01/11/2021 | 5:00:00 AM | -5.822 | 13.406 | 88.969 | 100.203 | 0.183 | 531.6 |
| 01/11/2021 | 6:00:00 AM | -5.281 | 13.472 | 89.981 | 148.737 | 0.797 | 531.8 |
| 01/11/2021 | 7:00:00 AM | -2.437 | 13.532 | 91.286 | 35.906 | 0.181 | 533 |
| 01/11/2021 | 8:00:00 AM | 10.426 | 13.414 | 92.266 | 147.058 | 0.952 | 534.1 |
| 01/11/2021 | 9:00:00 AM | 25.321 | 13.659 | 91.665 | 81.336 | 0.184 | 534.9 |
| 01/11/2021 | 10:00:00 AM | 89.233 | 13.842 | 89.934 | 95.735 | 0.183 | 535.4 |
| 01/11/2021 | 11:00:00 AM | 78.671 | 14.164 | 88.639 | 215.519 | 0.189 | 535.7 |
| 01/11/2021 | 12:00:00 PM | 50.236 | 14.057 | 87.685 | 143.484 | 0.183 | 535.9 |
| 01/11/2021 | 1:00:00 PM | 45.09 | 13.748 | 88.873 | 25.634 | 0.18 | 536.3 |
| 01/11/2021 | 2:00:00 PM | 52.944 | 13.37 | 89.195 | 82.185 | 0.185 | 537.1 |
| 01/11/2021 | 3:00:00 PM | 27.352 | 13.358 | 89.133 | 71.069 | 0.183 | 538.3 |
| 01/11/2021 | 4:00:00 PM | 6.77 | 12.818 | 88.546 | 241.502 | 0.571 | 539.1 |
| 01/11/2021 | 5:00:00 PM | -2.708 | 12.568 | 87.166 | 166.084 | 0.187 | 539.3 |
| 01/11/2021 | 6:00:00 PM | -3.927 | 12.198 | 87.947 | 307.518 | 0.194 | 539.5 |
| 01/11/2021 | 7:00:00 PM | -5.01 | 11.99 | 89.564 | 267.066 | 0.191 | 539.9 |
| 01/11/2021 | 8:00:00 PM | -4.604 | 11.855 | 91.442 | 90.94 | 0.18 | 541.1 |
| 01/11/2021 | 9:00:00 PM | -3.656 | 11.944 | 91.364 | 307.293 | 0.192 | 542.5 |
| 01/11/2021 | 10:00:00 PM | -4.604 | 11.386 | 90.642 | 154.411 | 0.184 | 542.9 |
| 01/11/2021 | 11:00:00 PM | -4.062 | 11.346 | 89.032 | 110.53 | 0.182 | 543.2 |
| 01/12/2021 | 12:00:00 AM | -3.656 | 11.284 | 88.53 | 269.334 | 0.834 | 543.4 |
| 01/12/2021 | 1:00:00 AM | -3.385 | 10.855 | 89.071 | 159.328 | 0.183 | 543.8 |
| 01/12/2021 | 2:00:00 AM | -3.927 | 10.746 | 89.836 | 230.354 | 0.633 | 544 |
| 01/12/2021 | 3:00:00 AM | -4.604 | 10.234 | 90.597 | 163.36 | 0.891 | 544.4 |
| 01/12/2021 | 4:00:00 AM | -7.041 | 10.339 | 90.797 | 157.58 | 0.184 | 544.7 |
| 01/12/2021 | 5:00:00 AM | -4.739 | 10.324 | 89.146 | 153.144 | 0.522 | 544.8 |
| 01/12/2021 | 6:00:00 AM | -5.416 | 10.4 | 88.18 | 297.882 | 0.189 | 544.9 |
| 01/12/2021 | 7:00:00 AM | 22.342 | 11.016 | 82.587 | 229.679 | 0.188 | 0 |
| 01/12/2021 | 8:00:00 AM | 71.088 | 11.296 | 80.233 | 206.602 | 0.189 | 0 |
| 01/12/2021 | 9:00:00 AM | 253.209 | 12.197 | 71.39 | 153.225 | 0.188 | 0 |
| 01/12/2021 | 10:00:00 AM | 176.299 | 13.479 | 62.403 | 346.143 | 0.194 | 0 |
| 01/12/2021 | 11:00:00 AM | 297.216 | 13.902 | 55.864 | 112.463 | 0.533 | 0 |
| 01/12/2021 | 12:00:00 PM | 640.335 | 15.947 | 51.223 | 150.173 | 0.889 | 0 |
| 01/12/2021 | 1:00:00 PM | 461.599 | 15.389 | 44.496 | 109.576 | 0.184 | 0 |
| 01/12/2021 | 2:00:00 PM | 241.564 | 15.114 | 48.298 | 6.319 | 0.429 | 0 |
| 01/12/2021 | 3:00:00 PM | 45.903 | 13.456 | 50.61 | 145.237 | 0.863 | 0 |
| 01/12/2021 | 4:00:00 PM | -8.937 | 12.397 | 57.989 | 166.301 | 0.367 | 0 |
| 01/12/2021 | 5:00:00 PM | -7.854 | 10.995 | 69.205 | 137.699 | 0.186 | 0 |
| 01/12/2021 | 6:00:00 PM | -7.718 | 10.491 | 70.966 | 47.972 | 0.764 | 0 |
| 01/12/2021 | 7:00:00 PM | -7.583 | 10.272 | 68.902 | 98.209 | 0.399 | 0 |
| 01/12/2021 | 8:00:00 PM | -7.854 | 10.212 | 69.303 | 77.998 | 1.036 | 0 |
| 01/12/2021 | 9:00:00 PM | -7.177 | 9.53 | 72.236 | 148.219 | 0.474 | 0 |
| 01/12/2021 | 10:00:00 PM | -6.635 | 9.584 | 71.706 | 140.093 | 0.199 | 0 |
| 01/12/2021 | 11:00:00 PM | -7.583 | 8.923 | 76.281 | 58.308 | 0.33 | 0 |
| 1/13/2021 | 12:00:00 AM | -6.635 | 8.976 | 76.705 | 202.559 | 0.187 | 0 |
| 1/13/2021 | 1:00:00 AM | -8.124 | 8.727 | 77.559 | 108.356 | 0.193 | 0 |
| 1/13/2021 | 2:00:00 AM | -7.854 | 8.806 | 77.011 | 109.281 | 0.181 | 0 |
| 1/13/2021 | 3:00:00 AM | -8.937 | 8.99 | 76.715 | 153.067 | 0.181 | 0 |
| 1/13/2021 | 4:00:00 AM | -8.124 | 8.91 | 77.418 | 129.62 | 0.184 | 0 |
| 1/13/2021 | 5:00:00 AM | 3.385 | 9.076 | 77.178 | 20.801 | 0.789 | 0 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|-----------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 1/13/2021 | 6:00:00 AM | 191.87 | 10.837 | 71.389 | 316.794 | 0.189 | 0 |
| 1/13/2021 | 7:00:00 AM | 410.957 | 14.651 | 58.61 | 86.464 | 0.184 | 0 |
| 1/13/2021 | 8:00:00 AM | 589.016 | 17.922 | 46.66 | 172.55 | 0.189 | 0 |
| 1/13/2021 | 9:00:00 AM | 707.09 | 19.257 | 44.78 | 122.778 | 1.399 | 0 |
| 1/13/2021 | 10:00:00 AM | 759.086 | 21.012 | 40.682 | 74.369 | 0.813 | 0 |
| 1/13/2021 | 11:00:00 AM | 730.38 | 21.655 | 39.995 | 148.605 | 0.608 | 0 |
| 1/13/2021 | 12:00:00 PM | 632.346 | 23.02 | 36.737 | 35.198 | 0.507 | 0 |
| 1/13/2021 | 1:00:00 PM | 468.234 | 23.664 | 32.142 | 182.377 | 0.191 | 0 |
| 1/13/2021 | 2:00:00 PM | 268.781 | 21.815 | 41.64 | 2.079 | 0.694 | 0 |
| 1/13/2021 | 3:00:00 PM | 49.694 | 19.833 | 48.127 | 51.484 | 0.186 | 0 |
| 1/13/2021 | 4:00:00 PM | -8.395 | 17.806 | 56.802 | 157.574 | 0.185 | 0 |
| 1/13/2021 | 5:00:00 PM | -8.666 | 16.249 | 65.406 | 148.294 | 0.188 | 0 |
| 1/13/2021 | 6:00:00 PM | -7.041 | 15.115 | 69.781 | 124.276 | 0.882 | 0 |
| 1/13/2021 | 7:00:00 PM | -7.041 | 14.438 | 73.418 | 46.316 | 0.184 | 0 |
| 1/13/2021 | 8:00:00 PM | -7.177 | 13.908 | 74.963 | 132.53 | 0.185 | 0 |
| 1/13/2021 | 9:00:00 PM | -6.093 | 13.636 | 75.528 | 90.916 | 0.604 | 0 |
| 1/13/2021 | 10:00:00 PM | -6.229 | 13.318 | 76.773 | 79.288 | 0.185 | 0 |
| 1/13/2021 | 11:00:00 PM | -7.177 | 12.924 | 78.842 | 98.242 | 0.185 | 0 |
| 1/14/2021 | 12:00:00 AM | -7.177 | 12.8 | 80.212 | 97.665 | 0.185 | 0 |
| 1/14/2021 | 1:00:00 AM | -7.312 | 12.065 | 82.501 | 87.597 | 0.186 | 0 |
| 1/14/2021 | 2:00:00 AM | -7.854 | 11.927 | 83.327 | 110.827 | 0.65 | 0 |
| 1/14/2021 | 3:00:00 AM | -7.447 | 11.784 | 83.233 | 147.541 | 0.755 | 0 |
| 1/14/2021 | 4:00:00 AM | -7.989 | 11.398 | 83.713 | 132.955 | 0.183 | 0 |
| 1/14/2021 | 5:00:00 AM | 2.573 | 11.164 | 84.212 | 35.412 | 0.181 | 0 |
| 1/14/2021 | 6:00:00 AM | 198.505 | 15.277 | 71.511 | 175.893 | 0.19 | 0 |
| 1/14/2021 | 7:00:00 AM | 413.53 | 18.668 | 55.296 | 69.318 | 0.188 | 0 |
| 1/14/2021 | 8:00:00 AM | 587.662 | 20.774 | 51.404 | 269.375 | 0.198 | 0 |
| 1/14/2021 | 9:00:00 AM | 712.507 | 22.049 | 42.371 | 152.113 | 0.191 | 0 |
| 1/14/2021 | 10:00:00 AM | 765.45 | 22.789 | 38.045 | 60.266 | 0.505 | 0 |
| 1/14/2021 | 11:00:00 AM | 735.119 | 23.961 | 35.729 | 186.717 | 0.193 | 0 |
| 1/14/2021 | 12:00:00 PM | 640.471 | 23.917 | 35.576 | 148.183 | 0.194 | 0 |
| 1/14/2021 | 1:00:00 PM | 474.057 | 24.034 | 38.423 | 92.525 | 0.827 | 0 |
| 1/14/2021 | 2:00:00 PM | 268.646 | 23.048 | 41.027 | 186.827 | 0.663 | 0 |
| 1/14/2021 | 3:00:00 PM | 69.463 | 21.261 | 47.076 | 199.143 | 0.853 | 0 |
| 1/14/2021 | 4:00:00 PM | -7.177 | 19.452 | 53.394 | 111.856 | 0.189 | 0 |
| 1/14/2021 | 5:00:00 PM | -6.635 | 18.899 | 56.73 | 142.477 | 0.923 | 0 |
| 1/14/2021 | 6:00:00 PM | -5.958 | 18.407 | 58.835 | 103.682 | 0.77 | 0 |
| 1/14/2021 | 7:00:00 PM | -5.416 | 18.282 | 58.63 | 76.011 | 0.583 | 0 |
| 1/14/2021 | 8:00:00 PM | -5.958 | 17.99 | 60.805 | 97.574 | 0.507 | 0 |
| 1/14/2021 | 9:00:00 PM | -5.281 | 16.963 | 66.067 | 263.025 | 0.303 | 0 |
| 1/14/2021 | 10:00:00 PM | -7.447 | 15.872 | 72.5 | 149.818 | 0.186 | 0 |
| 1/14/2021 | 11:00:00 PM | -6.906 | 15.209 | 76.299 | 132.651 | 0.188 | 0 |
| 1/15/2021 | 12:00:00 AM | -6.77 | 14.539 | 79.624 | 149.522 | 0.187 | 0 |
| 1/15/2021 | 1:00:00 AM | -6.499 | 14.123 | 78.993 | 110.17 | 0.189 | 0 |
| 1/15/2021 | 2:00:00 AM | -5.822 | 13.634 | 82.229 | 237.516 | 0.19 | 0 |
| 1/15/2021 | 3:00:00 AM | -5.687 | 13.282 | 84.777 | 92.059 | 0.185 | 0 |
| 1/15/2021 | 4:00:00 AM | -4.875 | 13.022 | 85.909 | 133.137 | 0.187 | 0 |
| 1/15/2021 | 5:00:00 AM | 5.145 | 12.815 | 86.614 | 138.769 | 0.188 | 0 |
| 1/15/2021 | 6:00:00 AM | 177.382 | 16.221 | 74.937 | 115.839 | 0.185 | 0 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|-----------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 1/15/2021 | 7:00:00 AM | 393.625 | 19.178 | 60.106 | 120.589 | 0.19 | 0 |
| 1/15/2021 | 8:00:00 AM | 565.726 | 20.966 | 51.414 | 157.265 | 0.192 | 0 |
| 1/15/2021 | 9:00:00 AM | 685.019 | 23.09 | 43.123 | 77.184 | 0.19 | 0 |
| 1/15/2021 | 10:00:00 AM | 733.224 | 24.813 | 37.74 | 51.641 | 0.191 | 0 |
| 1/15/2021 | 11:00:00 AM | 707.361 | 26.441 | 31.578 | 81.876 | 0.191 | 0 |
| 1/15/2021 | 12:00:00 PM | 618.129 | 26.906 | 26.482 | 5.915 | 0.182 | 0 |
| 1/15/2021 | 1:00:00 PM | 447.788 | 26.506 | 36.408 | 116.509 | 0.191 | 0 |
| 1/15/2021 | 2:00:00 PM | 256.865 | 24.86 | 46.312 | 88.362 | 0.528 | 0 |
| 1/15/2021 | 3:00:00 PM | 59.172 | 22.59 | 57.945 | 117.763 | 0.191 | 0 |
| 1/15/2021 | 4:00:00 PM | -8.124 | 20.274 | 67.376 | 67.317 | 0.461 | 0 |
| 1/15/2021 | 5:00:00 PM | -5.822 | 19.63 | 71.037 | 111.304 | 0.189 | 0 |
| 1/15/2021 | 6:00:00 PM | -7.041 | 19.007 | 73.454 | 121.095 | 0.749 | 0 |
| 1/15/2021 | 7:00:00 PM | -7.718 | 18.354 | 75.69 | 212.031 | 0.863 | 0 |
| 1/15/2021 | 8:00:00 PM | -7.312 | 17.53 | 79.257 | 124.403 | 0.189 | 0 |
| 1/15/2021 | 9:00:00 PM | -4.604 | 17.053 | 80.369 | 102.007 | 0.186 | 0 |
| 1/15/2021 | 10:00:00 PM | -6.499 | 16.731 | 82.16 | 195.734 | 0.193 | 0 |
| 1/15/2021 | 11:00:00 PM | -5.416 | 16.362 | 82.925 | 133.99 | 0.189 | 0 |
| 1/16/2021 | 12:00:00 AM | -3.385 | 16.489 | 84.009 | 69.86 | 0.184 | 0 |
| 1/16/2021 | 1:00:00 AM | -6.093 | 16.593 | 83.909 | 317.574 | 0.195 | 0 |
| 1/16/2021 | 2:00:00 AM | -5.281 | 17.232 | 83.095 | 351.484 | 0.198 | 0 |
| 1/16/2021 | 3:00:00 AM | -7.041 | 17.627 | 77.998 | 288.549 | 0.196 | 0 |
| 1/16/2021 | 4:00:00 AM | -6.093 | 17.47 | 78.247 | 93.932 | 0.189 | 0 |
| 1/16/2021 | 5:00:00 AM | 4.198 | 18.137 | 72.087 | 123.952 | 0.997 | 0 |
| 1/16/2021 | 6:00:00 AM | 191.058 | 20.061 | 65.681 | 142.783 | 1.38 | 0 |
| 1/16/2021 | 7:00:00 AM | 398.5 | 22.976 | 56.893 | 138.791 | 0.716 | 0 |
| 1/16/2021 | 8:00:00 AM | 577.642 | 23.768 | 49.402 | 25.622 | 0.909 | 0 |
| 1/16/2021 | 9:00:00 AM | 744.733 | 24.235 | 44.881 | 149.695 | 1.74 | 0 |
| 1/16/2021 | 10:00:00 AM | 770.054 | 24.842 | 47.103 | 179.861 | 1.055 | 0 |
| 1/16/2021 | 11:00:00 AM | 207.713 | 24.085 | 45.815 | 153.554 | 0.917 | 0 |
| 1/16/2021 | 12:00:00 PM | 155.988 | 24.044 | 44.776 | 83.879 | 0.926 | 0 |
| 1/16/2021 | 1:00:00 PM | 410.551 | 22.51 | 59.822 | 135.949 | 0.331 | 0 |
| 1/16/2021 | 2:00:00 PM | 12.322 | 19.37 | 72.427 | 20.982 | 0.188 | 0 |
| 1/16/2021 | 3:00:00 PM | -7.583 | 18.218 | 78.915 | 96.9 | 1.122 | 0 |
| 1/16/2021 | 4:00:00 PM | -3.791 | 17.935 | 76.421 | 205.74 | 0.195 | 0 |
| 1/16/2021 | 5:00:00 PM | -3.385 | 17.817 | 72.804 | 47.259 | 0.548 | 0 |
| 1/16/2021 | 6:00:00 PM | -4.468 | 17.386 | 77.861 | 47.176 | 0.186 | 0 |
| 1/16/2021 | 7:00:00 PM | -4.062 | 17.108 | 75.997 | 78.323 | 0.902 | 0 |
| 1/16/2021 | 8:00:00 PM | -8.395 | 16.718 | 80.068 | 69.751 | 1.029 | 0 |
| 1/16/2021 | 9:00:00 PM | -4.198 | 16.282 | 81.144 | 33.462 | 1.162 | 0 |
| 1/16/2021 | 10:00:00 PM | -3.521 | 15.939 | 81.221 | 94.888 | 1.07 | 0 |
| 1/16/2021 | 11:00:00 PM | -6.635 | 15.761 | 83.089 | 355.969 | 0.199 | 0 |
| 1/17/2021 | 12:00:00 AM | -7.041 | 15.773 | 82.892 | 187.455 | 0.193 | 0 |
| 1/17/2021 | 1:00:00 AM | -5.822 | 15.642 | 83.734 | 45.207 | 0.509 | 0.1 |
| 1/17/2021 | 2:00:00 AM | -6.635 | 15.588 | 85.04 | 124.295 | 0.188 | 0.3 |
| 1/17/2021 | 3:00:00 AM | -3.114 | 15.702 | 82.017 | 65.3 | 0.196 | 0.3 |
| 1/17/2021 | 4:00:00 AM | -3.114 | 15.61 | 79.005 | 86.461 | 0.639 | 0.3 |
| 1/17/2021 | 5:00:00 AM | -3.114 | 15.631 | 74.863 | 133.862 | 0.628 | 0.3 |
| 1/17/2021 | 6:00:00 AM | -1.489 | 15.537 | 73.502 | 127.099 | 0.456 | 0.3 |
| 1/17/2021 | 7:00:00 AM | 0.135 | 14.972 | 79.731 | 107.037 | 1.074 | 0.3 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|-----------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 1/17/2021 | 8:00:00 AM | 13.676 | 14.82 | 79.673 | 281.396 | 0.938 | 0.3 |
| 1/17/2021 | 9:00:00 AM | 26.675 | 14.952 | 78.946 | 7.733 | 0.535 | 0.3 |
| 1/17/2021 | 10:00:00 AM | 44.142 | 15.298 | 75.065 | 108.176 | 0.187 | 0.3 |
| 1/17/2021 | 11:00:00 AM | 54.027 | 15.773 | 70.828 | 103.761 | 0.556 | 0.3 |
| 1/17/2021 | 12:00:00 PM | 44.007 | 15.239 | 71.366 | 97.958 | 0.656 | 0.3 |
| 1/17/2021 | 1:00:00 PM | 106.971 | 15.086 | 71.588 | 41.312 | 1.432 | 0.3 |
| 1/17/2021 | 2:00:00 PM | 65.401 | 15.093 | 71.979 | 165.173 | 0.547 | 0.3 |
| 1/17/2021 | 3:00:00 PM | 36.83 | 14.732 | 73.536 | 142.485 | 2.064 | 0.3 |
| 1/17/2021 | 4:00:00 PM | 25.321 | 14.491 | 77.614 | 132.949 | 0.187 | 0.3 |
| 1/17/2021 | 5:00:00 PM | -3.656 | 13.908 | 84.02 | 131.552 | 2.857 | 0.4 |
| 1/17/2021 | 6:00:00 PM | -4.604 | 13.68 | 85.173 | 163.321 | 1.087 | 0.5 |
| 1/17/2021 | 7:00:00 PM | 0 | 14.126 | 79.807 | 101.967 | 0.523 | 0.5 |
| 1/17/2021 | 8:00:00 PM | -3.927 | 13.809 | 81.035 | 46.361 | 0.186 | 0.5 |
| 1/17/2021 | 9:00:00 PM | -2.437 | 13.737 | 79.343 | 177.418 | 0.671 | 0.5 |
| 1/17/2021 | 10:00:00 PM | -2.031 | 13.914 | 76.707 | 87.513 | 0.18 | 0.5 |
| 1/17/2021 | 11:00:00 PM | -2.166 | 14.162 | 73.611 | 272.694 | 0.194 | 0.5 |
| 1/18/2021 | 12:00:00 AM | -2.437 | 14.164 | 73.43 | 92.07 | 1.731 | 0.5 |
| 1/18/2021 | 1:00:00 AM | -3.521 | 14.285 | 71.467 | 123.408 | 1.188 | 0.5 |
| 1/18/2021 | 2:00:00 AM | -2.437 | 14.163 | 71.375 | 140.871 | 0.611 | 0.5 |
| 1/18/2021 | 3:00:00 AM | -3.114 | 14.088 | 71.501 | 121.66 | 1.367 | 0.5 |
| 1/18/2021 | 4:00:00 AM | -2.302 | 14.298 | 70.211 | 136.432 | 0.188 | 0.5 |
| 1/18/2021 | 5:00:00 AM | -3.791 | 14.265 | 71.317 | 127.837 | 0.535 | 0.5 |
| 1/18/2021 | 6:00:00 AM | -3.25 | 14.394 | 71.274 | 153.687 | 0.19 | 0.5 |
| 1/18/2021 | 7:00:00 AM | 2.437 | 14.535 | 70.611 | 122.886 | 0.721 | 0.5 |
| 1/18/2021 | 8:00:00 AM | 52.808 | 15.02 | 68.34 | 25.786 | 0.548 | 0.5 |
| 1/18/2021 | 9:00:00 AM | 82.733 | 15.311 | 66.553 | 139.659 | 0.526 | 0.5 |
| 1/18/2021 | 10:00:00 AM | 182.934 | 16.314 | 61.308 | 184.301 | 0.217 | 0.5 |
| 1/18/2021 | 11:00:00 AM | 317.121 | 16.903 | 54.621 | 345.805 | 0.204 | 0.5 |
| 1/18/2021 | 12:00:00 PM | 405.541 | 17.569 | 50.714 | 80.322 | 2.213 | 0.5 |
| 1/18/2021 | 1:00:00 PM | 407.031 | 18.361 | 52.03 | 246.787 | 0.84 | 0.5 |
| 1/18/2021 | 2:00:00 PM | 276.093 | 18.2 | 54.683 | 122.551 | 0.496 | 0.5 |
| 1/18/2021 | 3:00:00 PM | 186.86 | 17.48 | 56.819 | 84.207 | 0.185 | 0.5 |
| 1/18/2021 | 4:00:00 PM | 72.578 | 17.019 | 58.498 | 160.906 | 1.43 | 0.5 |
| 1/18/2021 | 5:00:00 PM | 7.041 | 16.39 | 59.86 | 48.908 | 0.186 | 0.5 |
| 1/18/2021 | 6:00:00 PM | -3.791 | 16.168 | 61.228 | 4.91 | 0.842 | 0.5 |
| 1/18/2021 | 7:00:00 PM | -3.114 | 16.007 | 61.921 | 90.141 | 0.321 | 0.5 |
| 1/18/2021 | 8:00:00 PM | -4.875 | 15.876 | 62.212 | 139.553 | 1.225 | 0.5 |
| 1/18/2021 | 9:00:00 PM | -4.604 | 15.885 | 64.122 | 170.343 | 0.764 | 0.5 |
| 1/18/2021 | 10:00:00 PM | -6.229 | 15.488 | 65.586 | 117.098 | 1.159 | 0.5 |
| 1/18/2021 | 11:00:00 PM | -6.77 | 15.471 | 65.958 | 116.95 | 0.523 | 0.5 |
| 1/19/2021 | 12:00:00 AM | -6.499 | 15.495 | 65.262 | 80.553 | 1.396 | 0.5 |
| 1/19/2021 | 1:00:00 AM | -6.093 | 15.411 | 65.018 | 73.891 | 0.674 | 0.5 |
| 1/19/2021 | 2:00:00 AM | -4.875 | 15.69 | 63.015 | 49.87 | 1.609 | 0.5 |
| 1/19/2021 | 3:00:00 AM | -3.114 | 16.037 | 60.158 | 133.072 | 1.139 | 0.5 |
| 1/19/2021 | 4:00:00 AM | -3.25 | 16.26 | 58.213 | 173.922 | 1.533 | 0.5 |
| 1/19/2021 | 5:00:00 AM | -3.25 | 16.329 | 61.228 | 268.882 | 0.939 | 0.5 |
| 1/19/2021 | 6:00:00 AM | -2.844 | 16.572 | 60.358 | 32.383 | 0.976 | 0.5 |
| 1/19/2021 | 7:00:00 AM | 4.468 | 16.625 | 59.735 | 43.167 | 0.67 | 0.5 |
| 1/19/2021 | 8:00:00 AM | 41.028 | 17.22 | 58.786 | 132.891 | 1.27 | 0.5 |

| | | Pyranometer [W/m ²] | Temperature [°C] | RH [%RH] | Wind Direction [angle] | Wind Speed [m/s] | Rain sensor [mm] |
|-----------|-------------|------------------------------------|---------------------|-------------|---------------------------|---------------------|---------------------|
| 1/19/2021 | 9:00:00 AM | 66.214 | 17.477 | 59.597 | 196.718 | 0.489 | 0.5 |
| 1/19/2021 | 10:00:00 AM | 471.078 | 18.175 | 62.194 | 236.597 | 0.519 | 0.5 |
| 1/19/2021 | 11:00:00 AM | 797.542 | 21.242 | 52.761 | 312.401 | 0.321 | 0.5 |
| 1/19/2021 | 12:00:00 PM | 831.664 | 21.238 | 48.424 | 112.054 | 0.486 | 0.5 |
| 1/19/2021 | 1:00:00 PM | 730.651 | 22.282 | 47.524 | 149.784 | 1.386 | 0.5 |
| 1/19/2021 | 2:00:00 PM | 631.534 | 21.951 | 49.751 | 97.85 | 1.539 | 0.5 |
| 1/19/2021 | 3:00:00 PM | 442.236 | 21.446 | 52.302 | 227.607 | 1.853 | 0.5 |
| 1/19/2021 | 4:00:00 PM | 245.491 | 20.985 | 56.062 | 94.33 | 4.098 | 0.5 |
| 1/19/2021 | 5:00:00 PM | 41.163 | 20.056 | 60.736 | 311.724 | 0.2 | 0.5 |
| 1/19/2021 | 6:00:00 PM | -4.875 | 19.559 | 64.595 | 65.39 | 1.093 | 0.5 |
| 1/19/2021 | 7:00:00 PM | -7.583 | 19.313 | 66.943 | 97.139 | 0.832 | 0.5 |
| 1/19/2021 | 8:00:00 PM | -6.093 | 18.971 | 69.014 | 266.956 | 0.504 | 0.5 |
| 1/19/2021 | 9:00:00 PM | -4.468 | 19.227 | 70.125 | 107.416 | 1.753 | 0.5 |
| 1/19/2021 | 10:00:00 PM | -6.093 | 19.388 | 70.456 | 115.798 | 0.189 | 0.5 |
| 1/19/2021 | 11:00:00 PM | -6.093 | 19.497 | 69.492 | 173.388 | 0.202 | 0.5 |
| 1/20/2021 | 12:00:00 AM | -5.145 | 19.478 | 72.346 | 168.202 | 0.681 | 0.5 |
| 1/20/2021 | 1:00:00 AM | -2.437 | 19.897 | 71.83 | 56.747 | 1.142 | 0.5 |
| 1/20/2021 | 2:00:00 AM | -4.875 | 20.023 | 71.904 | 118.332 | 2.51 | 0.5 |
| 1/20/2021 | 3:00:00 AM | -6.229 | 20.129 | 71.624 | 122.261 | 0.99 | 0.5 |
| 1/20/2021 | 4:00:00 AM | -4.604 | 20.122 | 72.751 | 142.667 | 0.861 | 0.5 |
| 1/20/2021 | 5:00:00 AM | -5.145 | 20.285 | 73.233 | 149.359 | 0.65 | 0.5 |
| 1/20/2021 | 6:00:00 AM | -5.01 | 20.145 | 74.681 | 210.472 | 1.274 | 0.5 |
| 1/20/2021 | 7:00:00 AM | 14.759 | 20.27 | 75.386 | 109.445 | 1.243 | 0.5 |
| 1/20/2021 | 8:00:00 AM | 323.079 | 21.557 | 69.359 | 170.385 | 0.473 | 0.5 |
| 1/20/2021 | 9:00:00 AM | 490.712 | 23.538 | 63.568 | 14.356 | 0.204 | 0.5 |
| 1/20/2021 | 10:00:00 AM | 692.331 | 24.046 | 60.996 | 119.368 | 1.639 | 0.5 |
| 1/20/2021 | 11:00:00 AM | 809.187 | 23.909 | 60.535 | 333.556 | 0.203 | 0.5 |
| 1/20/2021 | 12:00:00 PM | 848.725 | 24.671 | 57.06 | 144.757 | 0.298 | 0.5 |
| 1/20/2021 | 1:00:00 PM | 732.682 | 25.094 | 56.707 | 137.839 | 2.862 | 0.5 |
| 1/20/2021 | 2:00:00 PM | 625.711 | 25.782 | 54.466 | 131.401 | 1.632 | 0.5 |
| 1/20/2021 | 3:00:00 PM | 461.599 | 25.829 | 54.257 | 149.42 | 0.99 | 0.5 |
| 1/20/2021 | 4:00:00 PM | 257.678 | 24.708 | 58.973 | 129.327 | 2.257 | 0.5 |
| 1/20/2021 | 5:00:00 PM | 52.944 | 23.72 | 62.15 | 150.159 | 1.208 | 0.5 |
| 1/20/2021 | 6:00:00 PM | -4.198 | 23.42 | 62.663 | 108.844 | 1.229 | 0.5 |
| 1/20/2021 | 7:00:00 PM | -3.114 | 23.592 | 63.509 | 145.958 | 0.925 | 0.5 |
| 1/20/2021 | 8:00:00 PM | -3.114 | 23.557 | 62.549 | 139.94 | 0.634 | 0.5 |
| 1/20/2021 | 9:00:00 PM | -2.573 | 23.955 | 58.421 | 96.754 | 1.15 | 0.5 |
| 1/20/2021 | 10:00:00 PM | -5.01 | 24.356 | 59.45 | 257.065 | 1.058 | 0.5 |
| 1/20/2021 | 11:00:00 PM | -6.364 | 24.405 | 62.073 | 187.749 | 0.719 | 0.5 |
| 1/21/2021 | 12:00:00 AM | -4.468 | 24.185 | 62.057 | 131.655 | 1.083 | 0.5 |
| 1/21/2021 | 1:00:00 AM | -5.822 | 23.456 | 65.516 | 12.101 | 0.189 | 0.5 |
| 1/21/2021 | 2:00:00 AM | -2.844 | 23.01 | 67.382 | 273.135 | 0.195 | 0.5 |
| 1/21/2021 | 3:00:00 AM | -4.739 | 22.615 | 68.908 | 320.007 | 0.201 | 0.5 |
| 1/21/2021 | 4:00:00 AM | -2.573 | 22.202 | 72.872 | 114.264 | 0.191 | 0.5 |
| 1/21/2021 | 5:00:00 AM | -3.927 | 21.428 | 77.026 | 203.606 | 0.193 | 0.5 |
| 1/21/2021 | 6:00:00 AM | -3.114 | 20.894 | 79.297 | 278.258 | 0.198 | 0.5 |
| 1/21/2021 | 7:00:00 AM | 31.55 | 21.168 | 77.196 | 52.571 | 0.19 | 0.5 |
| 1/21/2021 | 8:00:00 AM | 311.569 | 26.593 | 55.544 | 139.772 | 0.193 | 0.5 |
| 1/21/2021 | 9:00:00 AM | 446.569 | 28.16 | 51.777 | 283.231 | 0.199 | 0.5 |

| | | Pyranometer [W/m ²] | Temperature [°C] | RH [%RH] | Wind Direction [angle] | Wind Speed [m/s] | Rain sensor [mm] |
|-----------|-------------|------------------------------------|---------------------|-------------|---------------------------|---------------------|---------------------|
| 1/21/2021 | 10:00:00 AM | 609.056 | 28.114 | 54.53 | 99.859 | 0.775 | 0.5 |
| 1/21/2021 | 11:00:00 AM | 713.725 | 29.727 | 52.029 | 225.081 | 0.621 | 0.5 |
| 1/21/2021 | 12:00:00 PM | 753.128 | 30.303 | 48.201 | 229.533 | 0.201 | 0.5 |
| 1/21/2021 | 1:00:00 PM | 724.152 | 32.479 | 41.638 | 116.201 | 0.74 | 0.5 |
| 1/21/2021 | 2:00:00 PM | 625.034 | 32.405 | 40.422 | 107.874 | 1.201 | 0.5 |
| 1/21/2021 | 3:00:00 PM | 460.787 | 30.955 | 44.782 | 192.267 | 0.679 | 0.5 |
| 1/21/2021 | 4:00:00 PM | 272.302 | 29.984 | 49.146 | 33.633 | 0.432 | 0.5 |
| 1/21/2021 | 5:00:00 PM | 51.183 | 28.264 | 54.618 | 145.409 | 0.735 | 0.5 |
| 1/21/2021 | 6:00:00 PM | -5.822 | 26.856 | 58.024 | 154.951 | 0.426 | 0.5 |
| 1/21/2021 | 7:00:00 PM | -2.708 | 26.012 | 63.148 | 131.236 | 0.196 | 0.5 |
| 1/21/2021 | 8:00:00 PM | -2.979 | 25.107 | 67.455 | 51.929 | 0.583 | 0.5 |
| 1/21/2021 | 9:00:00 PM | -3.25 | 24.498 | 70.321 | 118.06 | 0.193 | 0.5 |
| 1/21/2021 | 10:00:00 PM | -4.333 | 24.16 | 71.504 | 276.216 | 0.51 | 0.5 |
| 1/21/2021 | 11:00:00 PM | -2.166 | 24.077 | 73.228 | 159.734 | 0.198 | 0.5 |
| 1/22/2021 | 12:00:00 AM | -2.302 | 24.612 | 71.847 | 99.692 | 0.234 | 0.5 |
| 1/22/2021 | 1:00:00 AM | -2.844 | 24.602 | 71.16 | 179.207 | 0.198 | 0.5 |
| 1/22/2021 | 2:00:00 AM | -5.01 | 24.275 | 72.746 | 106.283 | 0.583 | 0.5 |
| 1/22/2021 | 3:00:00 AM | -4.604 | 23.962 | 75.418 | 39.998 | 0.192 | 0.5 |
| 1/22/2021 | 4:00:00 AM | -5.145 | 23.846 | 77.168 | 116.099 | 0.193 | 0.5 |
| 1/22/2021 | 5:00:00 AM | -3.521 | 23.722 | 78.734 | 210.928 | 0.197 | 0.5 |
| 1/22/2021 | 6:00:00 AM | -3.114 | 23.548 | 81.362 | 147.134 | 1.134 | 0.5 |
| 1/22/2021 | 7:00:00 AM | 16.249 | 23.702 | 81.239 | 88.954 | 0.191 | 0.5 |
| 1/22/2021 | 8:00:00 AM | 67.974 | 23.929 | 79.719 | 349.332 | 0.216 | 0.5 |
| 1/22/2021 | 9:00:00 AM | 273.52 | 26.213 | 70.951 | 179.156 | 0.2 | 0.5 |
| 1/22/2021 | 10:00:00 AM | 580.486 | 27.063 | 66.456 | 45.133 | 2.078 | 0.5 |
| 1/22/2021 | 11:00:00 AM | 784.272 | 27.697 | 63.724 | 113.307 | 0.664 | 0.5 |
| 1/22/2021 | 12:00:00 PM | 555.436 | 27.769 | 62.582 | 6.287 | 0.187 | 0.5 |
| 1/22/2021 | 1:00:00 PM | 315.225 | 26.811 | 66.097 | 154.644 | 0.339 | 0.5 |
| 1/22/2021 | 2:00:00 PM | 273.656 | 27.408 | 64.431 | 321.624 | 0.204 | 0.5 |
| 1/22/2021 | 3:00:00 PM | 150.301 | 26.696 | 67.378 | 206.709 | 0.206 | 0.5 |
| 1/22/2021 | 4:00:00 PM | 75.015 | 25.729 | 69.927 | 143.945 | 0.651 | 0.5 |
| 1/22/2021 | 5:00:00 PM | 17.467 | 24.568 | 77.407 | 24.683 | 0.644 | 0.5 |
| 1/22/2021 | 6:00:00 PM | -3.385 | 23.75 | 81.234 | 182.004 | 0.961 | 0.5 |
| 1/22/2021 | 7:00:00 PM | -6.229 | 23.553 | 83.828 | 211.316 | 0.194 | 0.5 |
| 1/22/2021 | 8:00:00 PM | -4.739 | 23.126 | 86.679 | 171.286 | 0.441 | 0.5 |
| 1/22/2021 | 9:00:00 PM | -2.844 | 22.978 | 88.936 | 349.407 | 0.686 | 0.5 |
| 1/22/2021 | 10:00:00 PM | -1.489 | 22.959 | 87.762 | 11.688 | 0.19 | 0.5 |
| 1/22/2021 | 11:00:00 PM | -4.468 | 22.705 | 88.895 | 335.163 | 0.2 | 0.6 |
| 1/23/2021 | 12:00:00 AM | -3.114 | 22.547 | 89.995 | 114.116 | 0.193 | 0.6 |
| 1/23/2021 | 1:00:00 AM | -3.25 | 22.536 | 89.235 | 103.596 | 0.192 | 0.6 |
| 1/23/2021 | 2:00:00 AM | -2.437 | 22.651 | 88.567 | 147.128 | 0.194 | 0.6 |
| 1/23/2021 | 3:00:00 AM | -4.198 | 22.471 | 89.37 | 270.579 | 0.508 | 0.6 |
| 1/23/2021 | 4:00:00 AM | -4.198 | 22.155 | 90.675 | 283.708 | 0.195 | 0.7 |
| 1/23/2021 | 5:00:00 AM | -2.708 | 21.781 | 91.238 | 169.4 | 0.194 | 0.9 |
| 1/23/2021 | 6:00:00 AM | -2.302 | 21.611 | 91.88 | 70.251 | 0.191 | 1.1 |
| 1/23/2021 | 7:00:00 AM | 6.906 | 21.15 | 92.061 | 286.986 | 0.2 | 1.2 |
| 1/23/2021 | 8:00:00 AM | 46.038 | 21.448 | 89.609 | 293.807 | 1.114 | 1.2 |
| 1/23/2021 | 9:00:00 AM | 70.547 | 22.183 | 85.992 | 282.531 | 0.198 | 1.2 |
| 1/23/2021 | 10:00:00 AM | 101.419 | 22.338 | 85.328 | 279.998 | 0.584 | 1.2 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|-----------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 1/23/2021 | 11:00:00 AM | 305.476 | 23.136 | 80.033 | 256.889 | 1.563 | 1.2 |
| 1/23/2021 | 12:00:00 PM | 140.416 | 23.418 | 77.776 | 147.576 | 0.702 | 1.2 |
| 1/23/2021 | 1:00:00 PM | 262.959 | 24.242 | 69.66 | 109.542 | 1.028 | 1.2 |
| 1/23/2021 | 2:00:00 PM | 257.813 | 24.671 | 66.89 | 30.344 | 0.328 | 1.2 |
| 1/23/2021 | 3:00:00 PM | 330.662 | 23.646 | 70.684 | 307.475 | 0.21 | 1.2 |
| 1/23/2021 | 4:00:00 PM | 237.502 | 24.808 | 66.819 | 54.5 | 0.193 | 1.2 |
| 1/23/2021 | 5:00:00 PM | 4.062 | 22.368 | 73.957 | 144.987 | 0.192 | 1.2 |
| 1/23/2021 | 6:00:00 PM | -0.406 | 21.853 | 76.609 | 342.845 | 0.204 | 1.2 |
| 1/23/2021 | 7:00:00 PM | -2.302 | 21.759 | 77.957 | 97.362 | 0.195 | 1.2 |
| 1/23/2021 | 8:00:00 PM | -0.135 | 21.761 | 78.756 | 83.142 | 0.193 | 1.2 |
| 1/23/2021 | 9:00:00 PM | -0.948 | 21.387 | 78.475 | 126.267 | 2.382 | 1.2 |
| 1/23/2021 | 10:00:00 PM | -1.219 | 21.344 | 75.32 | 201.457 | 0.196 | 1.2 |
| 1/23/2021 | 11:00:00 PM | -0.406 | 20.949 | 76.382 | 191.038 | 0.867 | 1.2 |
| 1/24/2021 | 12:00:00 AM | -1.76 | 20.524 | 75.999 | 67.054 | 0.22 | 1.2 |
| 1/24/2021 | 1:00:00 AM | -1.896 | 20.215 | 76.321 | 158.563 | 0.195 | 1.2 |
| 1/24/2021 | 2:00:00 AM | 0.271 | 19.982 | 76.169 | 113.225 | 1.64 | 1.2 |
| 1/24/2021 | 3:00:00 AM | -1.354 | 19.122 | 78.026 | 203.207 | 0.698 | 1.2 |
| 1/24/2021 | 4:00:00 AM | -1.354 | 18.829 | 76.819 | 129.526 | 1.948 | 1.2 |
| 1/24/2021 | 5:00:00 AM | -1.083 | 18.835 | 74.465 | 48.739 | 0.633 | 1.2 |
| 1/24/2021 | 6:00:00 AM | -3.25 | 18.959 | 72.095 | 132.261 | 1.411 | 1.2 |
| 1/24/2021 | 7:00:00 AM | 20.176 | 18.751 | 71.827 | 60.739 | 0.187 | 1.2 |
| 1/24/2021 | 8:00:00 AM | 165.872 | 19.67 | 68.998 | 41.648 | 2.846 | 1.2 |
| 1/24/2021 | 9:00:00 AM | 448.736 | 20.88 | 64.042 | 307.788 | 0.2 | 1.2 |
| 1/24/2021 | 10:00:00 AM | 689.488 | 22.262 | 59.001 | 321.885 | 0.586 | 1.2 |
| 1/24/2021 | 11:00:00 AM | 286.655 | 21.268 | 61.534 | 77.953 | 0.19 | 1.2 |
| 1/24/2021 | 12:00:00 PM | 524.021 | 21.703 | 60.874 | 19.093 | 0.898 | 1.2 |
| 1/24/2021 | 1:00:00 PM | 370.742 | 21.396 | 60.649 | 177.3 | 0.616 | 1.2 |
| 1/24/2021 | 2:00:00 PM | 219.764 | 20.519 | 63.338 | 29.523 | 1.155 | 1.2 |
| 1/24/2021 | 3:00:00 PM | 108.189 | 20.261 | 64.991 | 52.818 | 0.19 | 1.2 |
| 1/24/2021 | 4:00:00 PM | 34.935 | 19.709 | 66.069 | 14.654 | 0.213 | 1.2 |
| 1/24/2021 | 5:00:00 PM | 6.77 | 19.163 | 68.7 | 69.754 | 0.19 | 1.2 |
| 1/24/2021 | 6:00:00 PM | -0.677 | 18.803 | 69.862 | 127.834 | 1.017 | 1.2 |
| 1/24/2021 | 7:00:00 PM | -2.437 | 18.596 | 71.63 | 97.179 | 1.114 | 1.2 |
| 1/24/2021 | 8:00:00 PM | -1.76 | 18.61 | 72.138 | 314.947 | 0.7 | 1.2 |
| 1/24/2021 | 9:00:00 PM | -3.927 | 18.617 | 71.286 | 80.995 | 0.603 | 1.2 |
| 1/24/2021 | 10:00:00 PM | -5.552 | 18.417 | 71.547 | 85.694 | 1.206 | 1.2 |
| 1/24/2021 | 11:00:00 PM | -5.281 | 18.26 | 72.851 | 355.896 | 0.437 | 1.2 |
| 1/25/2021 | 12:00:00 AM | -4.333 | 18.352 | 72.189 | 107.455 | 0.365 | 1.2 |
| 1/25/2021 | 1:00:00 AM | -1.489 | 18.339 | 72.06 | 154.699 | 0.199 | 1.2 |
| 1/25/2021 | 2:00:00 AM | -0.677 | 18.731 | 71.262 | 76.431 | 0.342 | 1.2 |
| 1/25/2021 | 3:00:00 AM | -0.406 | 18.79 | 69.797 | 3.061 | 0.358 | 1.2 |
| 1/25/2021 | 4:00:00 AM | -0.677 | 18.568 | 73.262 | 54.845 | 0.188 | 1.2 |
| 1/25/2021 | 5:00:00 AM | -1.354 | 18.798 | 71.886 | 153.79 | 0.189 | 1.2 |
| 1/25/2021 | 6:00:00 AM | -2.979 | 18.536 | 74.52 | 245.243 | 0.194 | 1.2 |
| 1/25/2021 | 7:00:00 AM | 29.112 | 17.87 | 78.272 | 55.369 | 0.183 | 1.2 |
| 1/25/2021 | 8:00:00 AM | 226.805 | 20.432 | 69.341 | 164.812 | 0.191 | 1.2 |
| 1/25/2021 | 9:00:00 AM | 430.185 | 23.367 | 55.403 | 102.392 | 0.194 | 1.2 |
| 1/25/2021 | 10:00:00 AM | 603.234 | 24.449 | 46.644 | 41.754 | 0.427 | 1.2 |
| 1/25/2021 | 11:00:00 AM | 810.134 | 25.733 | 46.453 | 21.216 | 0.194 | 1.2 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|-----------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 1/25/2021 | 12:00:00 PM | 746.223 | 25.029 | 49.066 | 332.868 | 0.852 | 1.2 |
| 1/25/2021 | 1:00:00 PM | 772.085 | 26.923 | 46.947 | 176.067 | 0.2 | 1.2 |
| 1/25/2021 | 2:00:00 PM | 164.248 | 24.568 | 50.092 | 44.233 | 0.195 | 1.2 |
| 1/25/2021 | 3:00:00 PM | 117.126 | 23.44 | 59.254 | 224.395 | 0.399 | 1.2 |
| 1/25/2021 | 4:00:00 PM | 120.376 | 23.071 | 62.618 | 139.336 | 0.196 | 1.2 |
| 1/25/2021 | 5:00:00 PM | 27.217 | 22.08 | 65.069 | 182.899 | 0.194 | 1.2 |
| 1/25/2021 | 6:00:00 PM | -3.656 | 20.876 | 71.851 | 64.015 | 0.234 | 1.2 |
| 1/25/2021 | 7:00:00 PM | -4.604 | 20.338 | 76.274 | 21.769 | 0.189 | 1.2 |
| 1/25/2021 | 8:00:00 PM | -5.552 | 19.665 | 77.395 | 163.425 | 0.195 | 1.2 |
| 1/25/2021 | 9:00:00 PM | -4.198 | 19.245 | 79.528 | 115.452 | 0.19 | 1.2 |
| 1/25/2021 | 10:00:00 PM | -5.552 | 18.743 | 80.81 | 107.788 | 0.189 | 1.2 |
| 1/25/2021 | 11:00:00 PM | -5.145 | 18.378 | 81.658 | 58.349 | 0.86 | 1.2 |
| 1/26/2021 | 12:00:00 AM | -5.281 | 18.405 | 80.892 | 328.617 | 0.2 | 1.2 |
| 1/26/2021 | 1:00:00 AM | -5.552 | 18.008 | 81.798 | 178.615 | 0.194 | 1.2 |
| 1/26/2021 | 2:00:00 AM | -4.875 | 17.391 | 83.429 | 96.31 | 0.554 | 1.2 |
| 1/26/2021 | 3:00:00 AM | -4.333 | 17.44 | 82.037 | 68.686 | 0.187 | 1.2 |
| 1/26/2021 | 4:00:00 AM | -4.875 | 16.922 | 83.742 | 83.277 | 0.19 | 1.2 |
| 1/26/2021 | 5:00:00 AM | -5.416 | 16.622 | 85.231 | 97.485 | 0.191 | 1.2 |
| 1/26/2021 | 6:00:00 AM | -6.906 | 16.374 | 85.271 | 71.067 | 0.188 | 1.2 |
| 1/26/2021 | 7:00:00 AM | 23.696 | 16.381 | 85.648 | 116.744 | 0.911 | 1.2 |
| 1/26/2021 | 8:00:00 AM | 189.839 | 18.868 | 76.012 | 185.038 | 0.193 | 1.2 |
| 1/26/2021 | 9:00:00 AM | 395.927 | 21.023 | 66.208 | 331.271 | 0.203 | 1.2 |
| 1/26/2021 | 10:00:00 AM | 566.81 | 23.139 | 57.816 | 97.455 | 0.436 | 1.2 |
| 1/26/2021 | 11:00:00 AM | 672.02 | 24.909 | 55.871 | 143.06 | 0.196 | 1.2 |
| 1/26/2021 | 12:00:00 PM | 700.185 | 27.083 | 45.878 | 111.249 | 0.196 | 1.2 |
| 1/26/2021 | 1:00:00 PM | 648.866 | 26.387 | 55.26 | 65.858 | 0.194 | 1.2 |
| 1/26/2021 | 2:00:00 PM | 614.879 | 27.027 | 51.103 | 52.472 | 0.189 | 1.2 |
| 1/26/2021 | 3:00:00 PM | 402.833 | 25.082 | 60.337 | 190.267 | 0.511 | 1.2 |
| 1/26/2021 | 4:00:00 PM | 99.659 | 24.552 | 61.818 | 119.594 | 0.747 | 1.2 |
| 1/26/2021 | 5:00:00 PM | 25.727 | 22.893 | 70.193 | 238.296 | 0.506 | 1.2 |
| 1/26/2021 | 6:00:00 PM | -2.844 | 22.117 | 75.374 | 48.808 | 0.95 | 1.2 |
| 1/26/2021 | 7:00:00 PM | -5.958 | 21.799 | 77.945 | 26.399 | 0.188 | 1.2 |
| 1/26/2021 | 8:00:00 PM | -5.822 | 21.64 | 80.452 | 117.239 | 0.895 | 1.2 |
| 1/26/2021 | 9:00:00 PM | -0.812 | 21.434 | 80.879 | 105.622 | 0.192 | 1.2 |
| 1/26/2021 | 10:00:00 PM | -5.687 | 20.958 | 82.061 | 102.393 | 1.249 | 1.2 |
| 1/26/2021 | 11:00:00 PM | -6.635 | 20.51 | 83.934 | 39.989 | 0.188 | 1.2 |
| 1/27/2021 | 12:00:00 AM | -3.656 | 19.78 | 86.666 | 171.268 | 2.437 | 1.2 |
| 1/27/2021 | 1:00:00 AM | -2.979 | 19.525 | 88.194 | 317.915 | 0.201 | 1.2 |
| 1/27/2021 | 2:00:00 AM | -3.791 | 18.952 | 88.432 | 99.372 | 0.579 | 1.4 |
| 1/27/2021 | 3:00:00 AM | -0.271 | 19.159 | 86.702 | 93.879 | 0.191 | 1.4 |
| 1/27/2021 | 4:00:00 AM | -1.354 | 19.001 | 84.412 | 192.597 | 0.748 | 1.4 |
| 1/27/2021 | 5:00:00 AM | -0.812 | 18.839 | 84.712 | 175.334 | 0.688 | 1.4 |
| 1/27/2021 | 6:00:00 AM | -1.625 | 18.945 | 84.45 | 131.777 | 0.679 | 1.4 |
| 1/27/2021 | 7:00:00 AM | 11.103 | 19.065 | 82.666 | 117.774 | 0.189 | 1.4 |
| 1/27/2021 | 8:00:00 AM | 60.527 | 19.568 | 80.51 | 86.029 | 0.596 | 1.4 |
| 1/27/2021 | 9:00:00 AM | 94.92 | 19.764 | 80.769 | 189.457 | 0.197 | 1.4 |
| 1/27/2021 | 10:00:00 AM | 213.129 | 20.419 | 76.41 | 236.502 | 0.5 | 1.4 |
| 1/27/2021 | 11:00:00 AM | 173.049 | 20.99 | 71.028 | 223.334 | 0.894 | 1.4 |
| 1/27/2021 | 12:00:00 PM | 163.977 | 21.329 | 69.138 | 48.977 | 0.216 | 1.4 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|-----------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 1/27/2021 | 1:00:00 PM | 186.996 | 21.128 | 70.145 | 143.316 | 1.212 | 1.4 |
| 1/27/2021 | 2:00:00 PM | 177.653 | 21.284 | 69.013 | 85.373 | 0.192 | 1.4 |
| 1/27/2021 | 3:00:00 PM | 124.574 | 21.296 | 70.124 | 112.713 | 1.294 | 1.4 |
| 1/27/2021 | 4:00:00 PM | 74.744 | 20.868 | 71.611 | 44.51 | 0.995 | 1.4 |
| 1/27/2021 | 5:00:00 PM | 10.697 | 20.515 | 72.507 | 112.005 | 0.737 | 1.4 |
| 1/27/2021 | 6:00:00 PM | -1.76 | 20.158 | 75.085 | 133.596 | 0.824 | 1.4 |
| 1/27/2021 | 7:00:00 PM | -0.677 | 19.931 | 76.225 | 123.925 | 0.189 | 1.4 |
| 1/27/2021 | 8:00:00 PM | -1.76 | 19.761 | 76.37 | 122.673 | 0.191 | 1.4 |
| 1/27/2021 | 9:00:00 PM | -0.271 | 19.86 | 74.442 | 118.97 | 0.194 | 1.4 |
| 1/27/2021 | 10:00:00 PM | -1.083 | 19.867 | 75.105 | 117.047 | 0.193 | 1.4 |
| 1/27/2021 | 11:00:00 PM | -0.948 | 19.715 | 74.557 | 138.863 | 0.619 | 1.4 |
| 1/28/2021 | 12:00:00 AM | -2.437 | 19.867 | 72.992 | 126.488 | 0.191 | 1.4 |
| 1/28/2021 | 1:00:00 AM | -0.948 | 19.789 | 75.486 | 148.958 | 0.438 | 1.4 |
| 1/28/2021 | 2:00:00 AM | -1.083 | 19.596 | 78.217 | 151.126 | 0.192 | 1.4 |
| 1/28/2021 | 3:00:00 AM | -2.302 | 19.622 | 78.194 | 114.052 | 0.189 | 1.4 |
| 1/28/2021 | 4:00:00 AM | -2.166 | 19.657 | 79.081 | 172.597 | 0.193 | 1.4 |
| 1/28/2021 | 5:00:00 AM | -2.708 | 19.423 | 81.734 | 242.572 | 0.195 | 1.4 |
| 1/28/2021 | 6:00:00 AM | -1.896 | 19.228 | 81.392 | 303.365 | 0.978 | 1.4 |
| 1/28/2021 | 7:00:00 AM | 4.062 | 19.163 | 81.258 | 238.295 | 0.691 | 1.4 |
| 1/28/2021 | 8:00:00 AM | 30.06 | 19.406 | 77.393 | 111.318 | 0.189 | 1.4 |
| 1/28/2021 | 9:00:00 AM | 78.536 | 19.366 | 73.775 | 183.084 | 0.195 | 1.4 |
| 1/28/2021 | 10:00:00 AM | 70.953 | 19.251 | 72.709 | 316.198 | 0.76 | 1.4 |
| 1/28/2021 | 11:00:00 AM | 45.767 | 19.015 | 75.353 | 195.38 | 0.217 | 1.4 |
| 1/28/2021 | 12:00:00 PM | 13.541 | 17.492 | 79.2 | 156.446 | 0.934 | 1.4 |
| 1/28/2021 | 1:00:00 PM | 68.515 | 16.615 | 87.522 | 266.068 | 0.775 | 2.2 |
| 1/28/2021 | 2:00:00 PM | 14.895 | 16.251 | 88.704 | 95.114 | 0.189 | 2.8 |
| 1/28/2021 | 3:00:00 PM | 36.289 | 15.383 | 89.891 | 275.764 | 0.196 | 4.8 |
| 1/28/2021 | 4:00:00 PM | 23.019 | 15.617 | 88.987 | 159.212 | 0.192 | 5.3 |
| 1/28/2021 | 5:00:00 PM | 3.521 | 15.324 | 90.135 | 280.86 | 2.966 | 5.4 |
| 1/28/2021 | 6:00:00 PM | 0.135 | 15.535 | 85.509 | 328.898 | 0.685 | 5.4 |
| 1/28/2021 | 7:00:00 PM | 0.948 | 16.176 | 77.125 | 103.936 | 0.188 | 5.4 |
| 1/28/2021 | 8:00:00 PM | 1.489 | 16.771 | 67.663 | 64.697 | 0.598 | 5.4 |
| 1/28/2021 | 9:00:00 PM | -1.625 | 16.521 | 67.813 | 134.911 | 0.478 | 5.4 |
| 1/28/2021 | 10:00:00 PM | -2.708 | 16.751 | 59.794 | 168.138 | 1.686 | 5.4 |
| 1/28/2021 | 11:00:00 PM | -2.573 | 16.413 | 58.125 | 130.899 | 0.555 | 5.4 |
| 1/29/2021 | 12:00:00 AM | -2.166 | 16.128 | 60.865 | 46.939 | 0.187 | 5.4 |
| 1/29/2021 | 1:00:00 AM | -2.302 | 15.974 | 62.005 | 73.228 | 0.569 | 5.4 |
| 1/29/2021 | 2:00:00 AM | -1.219 | 15.798 | 63.669 | 163.354 | 0.371 | 5.4 |
| 1/29/2021 | 3:00:00 AM | -3.385 | 15.733 | 61.138 | 142.237 | 0.901 | 5.4 |
| 1/29/2021 | 4:00:00 AM | -3.385 | 15.94 | 58.302 | 173.919 | 1.496 | 5.4 |
| 1/29/2021 | 5:00:00 AM | -1.76 | 15.871 | 56.634 | 27.387 | 0.186 | 5.4 |
| 1/29/2021 | 6:00:00 AM | -2.166 | 15.578 | 61.787 | 98.007 | 1.436 | 5.4 |
| 1/29/2021 | 7:00:00 AM | 12.864 | 15.708 | 58.18 | 121.177 | 0.476 | 5.4 |
| 1/29/2021 | 8:00:00 AM | 60.797 | 15.982 | 54.601 | 13.933 | 0.184 | 5.4 |
| 1/29/2021 | 9:00:00 AM | 82.191 | 16.236 | 53.058 | 1.3 | 0.176 | 5.4 |
| 1/29/2021 | 10:00:00 AM | 652.386 | 17.102 | 50.369 | 134.898 | 2.252 | 5.4 |
| 1/29/2021 | 11:00:00 AM | 455.912 | 17.035 | 50.96 | 162.425 | 0.196 | 5.4 |
| 1/29/2021 | 12:00:00 PM | 864.161 | 18.664 | 47.279 | 157.822 | 1.05 | 5.4 |
| 1/29/2021 | 1:00:00 PM | 567.893 | 18.523 | 44.023 | 131.966 | 0.593 | 5.4 |

| | | Pyranometer | Temperature | RH | Wind Direction | Wind Speed | Rain sensor |
|-----------|-------------|---------------------|-------------|--------|----------------|------------|-------------|
| | | [W/m ²] | [°C] | [%RH] | [angle] | [m/s] | [mm] |
| 1/29/2021 | 2:00:00 PM | 268.104 | 18.12 | 47.696 | 174.913 | 2.365 | 5.4 |
| 1/29/2021 | 3:00:00 PM | 90.18 | 17.109 | 54.443 | 95.974 | 0.99 | 5.4 |
| 1/29/2021 | 4:00:00 PM | 61.881 | 16.82 | 53.7 | 85.448 | 1.481 | 5.4 |
| 1/29/2021 | 5:00:00 PM | 18.144 | 16.473 | 55.209 | 34.793 | 1.247 | 5.4 |
| 1/29/2021 | 6:00:00 PM | -2.573 | 16.302 | 58.132 | 100.949 | 0.707 | 5.4 |
| 1/29/2021 | 7:00:00 PM | -3.791 | 16.158 | 56.231 | 99.112 | 1.112 | 5.4 |
| 1/29/2021 | 8:00:00 PM | -3.521 | 16.259 | 55.807 | 172.911 | 0.52 | 5.4 |
| 1/29/2021 | 9:00:00 PM | -2.708 | 16.455 | 58.52 | 360.893 | 0.246 | 5.4 |
| 1/29/2021 | 10:00:00 PM | -2.708 | 16.484 | 58.755 | 105.564 | 2.089 | 5.4 |
| 1/29/2021 | 11:00:00 PM | -3.927 | 16.476 | 58.188 | 44.727 | 1.001 | 5.4 |
| 1/30/2021 | 12:00:00 AM | -2.166 | 16.478 | 59.785 | 110.387 | 1.325 | 5.4 |
| 1/30/2021 | 1:00:00 AM | -2.302 | 16.33 | 65.735 | 54.532 | 1.497 | 5.4 |
| 1/30/2021 | 2:00:00 AM | -3.25 | 16.468 | 64.735 | 160.306 | 0.467 | 5.4 |
| 1/30/2021 | 3:00:00 AM | -4.875 | 16.428 | 65.754 | 7.646 | 0.51 | 5.4 |
| 1/30/2021 | 4:00:00 AM | -3.927 | 16.302 | 67.957 | 345.871 | 0.913 | 5.4 |
| 1/30/2021 | 5:00:00 AM | -3.791 | 16.158 | 69.814 | 71.604 | 0.738 | 5.4 |
| 1/30/2021 | 6:00:00 AM | -4.739 | 16.14 | 71.06 | 109.541 | 0.818 | 5.4 |
| 1/30/2021 | 7:00:00 AM | 39.945 | 16.912 | 67.042 | 355.121 | 0.942 | 5.4 |
| 1/30/2021 | 8:00:00 AM | 242.241 | 19.08 | 58.946 | 181.246 | 0.192 | 5.4 |
| 1/30/2021 | 9:00:00 AM | 474.057 | 20.789 | 53.189 | 163.091 | 0.782 | 5.4 |
| 1/30/2021 | 10:00:00 AM | 640.064 | 21.927 | 48.189 | 122.624 | 2.442 | 5.4 |
| 1/30/2021 | 11:00:00 AM | 752.587 | 23.083 | 45.063 | 48.028 | 1.197 | 5.4 |
| 1/30/2021 | 12:00:00 PM | 792.125 | 23.545 | 43.418 | 168.356 | 0.638 | 5.4 |
| 1/30/2021 | 1:00:00 PM | 757.868 | 23.964 | 42.783 | 283.72 | 0.206 | 5.4 |
| 1/30/2021 | 2:00:00 PM | 651.845 | 24.081 | 42.818 | 144.278 | 0.582 | 5.4 |
| 1/30/2021 | 3:00:00 PM | 483.4 | 23.643 | 44.266 | 121.29 | 1.293 | 5.4 |
| 1/30/2021 | 4:00:00 PM | 262.959 | 23.463 | 46.107 | 108.02 | 0.583 | 5.4 |
| 1/30/2021 | 5:00:00 PM | 49.288 | 21.633 | 51.688 | 159.075 | 1.211 | 5.4 |
| 1/30/2021 | 6:00:00 PM | -7.583 | 20.834 | 55.454 | 139.661 | 0.536 | 5.4 |
| 1/30/2021 | 7:00:00 PM | -6.364 | 20.15 | 59.113 | 138.911 | 0.194 | 5.4 |
| 1/30/2021 | 8:00:00 PM | -5.822 | 19.994 | 60.017 | 75.924 | 0.19 | 5.4 |
| 1/30/2021 | 9:00:00 PM | -5.687 | 19.745 | 61.464 | 66.602 | 0.188 | 5.4 |
| 1/30/2021 | 10:00:00 PM | -6.77 | 19.506 | 62.64 | 134.744 | 0.193 | 5.4 |
| 1/30/2021 | 11:00:00 PM | -6.229 | 19.506 | 62.607 | 186.176 | 0.189 | 5.4 |
| 1/31/2021 | 12:00:00 AM | -7.312 | 19.273 | 64.097 | 129.17 | 0.191 | 5.4 |
| 1/31/2021 | 1:00:00 AM | -5.822 | 19.741 | 60.738 | 29.56 | 0.188 | 5.4 |
| 1/31/2021 | 2:00:00 AM | -6.635 | 18.859 | 63.446 | 19.369 | 0.191 | 5.4 |
| 1/31/2021 | 3:00:00 AM | -5.958 | 18.159 | 65.5 | 211.664 | 0.196 | 5.4 |
| 1/31/2021 | 4:00:00 AM | -7.312 | 17.666 | 66.844 | 276.807 | 0.195 | 5.4 |
| 1/31/2021 | 5:00:00 AM | -5.552 | 17.438 | 66.791 | 139.96 | 0.702 | 5.4 |
| 1/31/2021 | 6:00:00 AM | -5.687 | 17.148 | 70.845 | 248.45 | 0.195 | 5.4 |
| 1/31/2021 | 7:00:00 AM | 38.185 | 16.587 | 76.541 | 74.809 | 0.188 | 5.4 |
| 1/31/2021 | 8:00:00 AM | 235.336 | 20.714 | 62.332 | 146.358 | 0.191 | 5.4 |
| 1/31/2021 | 9:00:00 AM | 444.673 | 24.504 | 48.985 | 80.833 | 0.192 | 5.4 |
| 1/31/2021 | 10:00:00 AM | 607.702 | 25.76 | 46.938 | 20.789 | 0.189 | 5.4 |
| 1/31/2021 | 11:00:00 AM | 720.36 | 27.195 | 39.737 | 328.182 | 0.2 | 5.4 |
| 1/31/2021 | 12:00:00 PM | 758.274 | 27.57 | 38.802 | 200.633 | 0.2 | 5.4 |
| 1/31/2021 | 1:00:00 PM | 732.682 | 26.694 | 41.41 | 239.377 | 0.203 | 5.4 |
| 1/31/2021 | 2:00:00 PM | 633.023 | 26.679 | 42.233 | 152.314 | 0.197 | 5.4 |

| | | Pyranometer [W/m ²] | Temperature [°C] | RH [%RH] | Wind Direction [angle] | Wind Speed [m/s] | Rain sensor [mm] |
|-----------|-------------|------------------------------------|---------------------|-------------|---------------------------|---------------------|---------------------|
| 1/31/2021 | 3:00:00 PM | 457.402 | 26.993 | 42.351 | 106.831 | 0.196 | 5.4 |
| 1/31/2021 | 4:00:00 PM | 255.105 | 25.592 | 45.082 | 100.535 | 1.897 | 5.4 |
| 1/31/2021 | 5:00:00 PM | 58.225 | 24.683 | 49.137 | 86.657 | 0.69 | 5.4 |
| 1/31/2021 | 6:00:00 PM | -6.364 | 23.041 | 54.825 | 95.608 | 0.415 | 5.4 |
| 1/31/2021 | 7:00:00 PM | -6.364 | 22.701 | 55.773 | 114.176 | 0.832 | 5.4 |
| 1/31/2021 | 8:00:00 PM | -6.093 | 21.521 | 61.64 | 320.12 | 0.587 | 5.4 |
| 1/31/2021 | 9:00:00 PM | -6.364 | 20.136 | 66.722 | 277.35 | 1.994 | 5.4 |
| 1/31/2021 | 10:00:00 PM | -6.364 | 18.96 | 70.934 | 282.639 | 0.974 | 5.4 |
| 1/31/2021 | 11:00:00 PM | -4.739 | 18.774 | 70.217 | 244.459 | 0.851 | 5.4 |