Appendix 2 Basic statistics of the surface water data (1)

| REWA | water Temf | pH | E.C. | DO | Turb. | Flow rate | E.C. | COD | TDS | HARDNESS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average | 23.87 | 7.4995 | 8.44 | 11.77625 | 1.128205 | 20.70075 | 80.45 | 10.325 | 59.8 | 25.225 |
| Median | 23.85 | 7.51 | 8.3 | 12.595 | 0 | 2.03 | 79.5 | 8 | 56 | 25.5 |
| Mode | 22.5 | 7.75 | 10.4 | 12.9 | 0 | 0.2 | 83 | 13 | 48 | 28 |
| StandardDeviation | 1.664594 | 0.363127 | 3.123427 | 2.451411 | 2.546199 | 56.46397 | 24.87502 | 9.827062 | 18.50876 | 8.561954 |
| Dispersion | 2.770872 | 0.131861 | 9.755795 | 6.009414 | 6.483131 | 3188.18 | 618.7667 | 96.57115 | 342.5744 | 73.30705 |
| Range | 5.5 | 1.82 | 18.3 | 9.01 | 14 | 338.97 | 148 | 50.5 | 95 | 46 |
| Minimum | 21.3 | 6.39 | 3.5 | 6.35 | 0 | 0.03 | 45 | 0.5 | 21 | 11 |
| Maximum | 26.8 | 8.21 | 21.8 | 15.36 | 14 | 339 | 193 | 51 | 116 | 57 |
| Total | 954.8 | 299.98 | 337.6 | 471.05 | 44 | 828.03 | 3218 | 413 | 2392 | 1009 |
| Specimen | 40 | 40 | 40 | 40 | 39 | 40 | 40 | 40 | 40 | 40 |
| Confidence interval(95\%) | 0.532362 | 0.116134 | 0.998919 | 0.783998 | 0.825382 | 18.05804 | 7.95541 | 3.142844 | 5.919384 | 2.738243 |

NAVUA

| Average | 24.43333 | 7.947778 | 11.98889 | 8.238889 | 2.388889 | 11.89 | 115.8333 | 3.944444 | 69.5 | 45.38889 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Median | 24.4 | 8.05 | 11.5 | 8.295 | 0.5 | 5.47 | 117 | 4 | 70.5 | 44.5 |
| Mode | 24.4 | \#N/A | 8.9 | \#N/A | 0 | 5.47 | 82 | 5 | 49 | 28 |
| StandardDeviation | 0.808775 | 0.37043 | 3.703399 | 0.721656 | 6.563167 | 14.11303 | 30.50217 | 2.848575 | 18.33752 | 15.62102 |
| Dispersion | 0.654118 | 0.137218 | 13.71516 | 0.520787 | 43.07516 | 199.1775 | 930.3824 | 8.114379 | 336.2647 | 244.0163 |
| Range | 2.9 | 1.18 | 12.9 | 2.9 | 28 | 43.41 | 113 | 10.5 | 68 | 54 |
| Minimum | 22.9 | 7.26 | 6.2 | 7.1 | 0 | 0.29 | 63 | 0.5 | 38 | 21 |
| Maximum | 25.8 | 8.44 | 19.1 | 10 | 28 | 43.7 | 176 | 11 | 106 | 75 |
| Total | 439.8 | 143.06 | 215.8 | 148.3 | 43 | 202.13 | 2085 | 71 | 1251 | 817 |
| Specimen | 18 | 18 | 18 | 18 | 18 | 17 | 18 | 18 | 18 | 18 |
| Confidence interval(95\%) | 0.402195 | 0.184211 | 1.84166 | 0.358871 | 3.263791 | 7.256247 | 15.16839 | 1.416565 | 9.119048 | 7.768163 |

## SIGATOKA

| Average | 24.83529 | 8.107059 | 25.64118 | 12.26882 | 1.941176 | 1.704706 | 224.0588 | 7.529412 | 145.3529 | 84.64706 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Median | 24.9 | 8.09 | 23.4 | 13.35 | 1 | 0.6 | 222 | 6 | 136 | 80 |
| Mode | 26.3 | 8.08 | \#N/A | 14.79 | 0 | \#N/A | 222 | 5 | 164 | \#N/A |
| StandardDeviation | 1.537019 | 0.148272 | 7.992032 | 2.6833 | 3.131904 | 3.123896 | 62.60538 | 5.316456 | 36.22316 | 30.11217 |
| Dispersion | 2.362426 | 0.021985 | 63.87257 | 7.200099 | 9.808824 | 9.758726 | 3919.434 | 28.26471 | 1312.118 | 906.7426 |
| Range | 5 | 0.55 | 25.6 | 8.59 | 12 | 11.7 | 218 | 23 | 127 | 106 |
| Minimum | 22.2 | 7.85 | 15.1 | 6.6 | 0 | 0 | 134 | 2 | 96 | 47 |
| Maximum | 27.2 | 8.4 | 40.7 | 15.19 | 12 | 11.7 | 352 | 25 | 223 | 153 |
| Total | 422.2 | 137.82 | 435.9 | 208.57 | 33 | 28.98 | 3809 | 128 | 2471 | 1439 |
| Specimen | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Confidence interval(95\%) | 0.790262 | 0.076234 | 4.109123 | 1.379625 | 1.610276 | 1.606159 | 32.18871 | 2.733469 | 18.62423 | 15.48224 |


| COASTAL <br> Average | 25.42222 | 7.502222 | 12.11111 | 8.798889 | 1.888889 | 5.272222 | 107.6667 | 8.166667 | 69.11111 | 35.44444 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Median | 24.7 | 7.32 | 10.5 | 8.94 | 0 | 0.71 | 93 | 9 | 56 | 28 |
| Mode | 25.1 | 7.32 | 8 | \#N/A | 0 | 0.39 | \#N/A | 3 | \#N/A | \#N/A |
| StandardDeviation | 1.988578 | 0.465451 | 5.908139 | 1.934654 | 3.018462 | 13.55139 | 47.91399 | 5.350234 | 30.65308 | 24.34189 |
| Dispersion | 3.954444 | 0.216644 | 34.90611 | 3.742886 | 9.111111 | 183.6401 | 2295.75 | 28.625 | 939.6111 | 592.5278 |
| Range | 6.4 | 1.42 | 19.1 | 7.01 | 8 | 41.01 | 158 | 15.5 | 95 | 78 |
| Minimum | 24.2 | 7.01 | 8 | 4.78 | 0 | 0.39 | 70 | 0.5 | 42 | 20 |
| Maximum | 30.6 | 8.43 | 27.1 | 11.79 | 8 | 41.4 | 228 | 16 | 137 | 98 |
| Total | 228.8 | 67.52 | 109 | 79.19 | 17 | 47.45 | 969 | 73.5 | 622 | 319 |
| Specimen | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Confidence interval(95\%) | 1.528558 | 0.357777 | 4.541401 | 1.487108 | 2.320197 | 10.41653 | 36.82997 | 4.112556 | 23.56206 | 18.71085 |
| WHOLE |  |  |  |  |  |  |  |  |  |  |
| Average | 24.35238 | 7.71881 | 13.075 | 10.79893 | 1.650602 | 13.33241 | 120.0119 | 8.160714 | 80.19048 | 42.66667 |
| Median | 24.4 | 7.765 | 10.1 | 11.035 | 0 | 1.56 | 97.5 | 6 | 68 | 31.5 |
| Mode | 24.7 | 7.84 | 10.4 | 9.1 | 0 | 0.39 | 83 | 5 | 48 | 28 |
| StandardDeviation | 1.599358 | 0.430921 | 8.131611 | 2.727087 | 3.874349 | 40.46096 | 66.70877 | 7.838414 | 41.00616 | 28.82993 |
| Dispersion | 2.557946 | 0.185693 | 66.1231 | 7.437005 | 15.01058 | 1637.089 | 4450.06 | 61.44073 | 1681.505 | 831.1647 |
| Range | 9.3 | 2.05 | 37.2 | 10.58 | 28 | 339 | 307 | 50.5 | 202 | 142 |
| Minimum | 21.3 | 6.39 | 3.5 | 4.78 | 0 | 0 | 45 | 0.5 | 21 | 11 |
| Maximum | 30.6 | 8.44 | 40.7 | 15.36 | 28 | 339 | 352 | 51 | 223 | 153 |
| Total | 2045.6 | 648.38 | 1098.3 | 907.11 | 137 | 1106.59 | 10081 | 685.5 | 6736 | 3584 |
| Specimen | 84 | 84 | 84 | 84 | 83 | 83 | 84 | 84 | 84 | 84 |
| Confidence interval(95\%) | 0.347082 | 0.093516 | 1.764668 | 0.591814 | 0.845988 | 8.834902 | 14.47669 | 1.70104 | 8.898885 | 6.256479 |

Appendix 2 Basic statistics of the surface water data (2)
REWA

|  | Ca | Mg | Na | K | CO3 | HCO3 | SO4 | CL | B | Fe |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average | 5.9 | 2.5 | 7.9 | 0.625 | 0.5 | 32.975 | 4.0625 | 5.1625 | 0.05125 | 0.060625 |
| Median | 6 | 2 | 8 | 0.5 | 0.5 | 33 | 3 | 5 | 0.05 | 0.04 |
| Mode | 7 | 2 | 7 | 0.5 | 0.5 | 37 | 3 | 4 | 0.05 | 0.005 |
| StandardDeviation | 2.169722 | 1.176697 | 2.619454 | 0.353553 | 0 | 11.35327 | 3.940564 | 1.895972 | 0.007906 | 0.094694 |
| Dispersion | 4.707692 | 1.384615 | 6.861538 | 0.125 | 0 | 128.8968 | 15.52804 | 3.594712 | 6.25E-05 | 0.008967 |
| Range | 10 | 6 | 12 | 1.5 | 0 | 59 | 19.5 | 9.5 | 0.05 | 0.575 |
| Minimum | 2 | 1 | 4 | 0.5 | 0.5 | 15 | 0.5 | 0.5 | 0.05 | 0.005 |
| Maximum | 12 | 7 | 16 | 2 | 0.5 | 74 | 20 | 10 | 0.1 | 0.58 |
| Total | 236 | 100 | 316 | 25 | 20 | 1319 | 162.5 | 206.5 | 2.05 | 2.425 |
| Specimen | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Confidence interval(95\%) | 0.69391 | 0.376326 | 0.837741 | 0.113072 | 0 | 3.630949 | 1.260252 | 0.606361 | 0.002528 | 0.030285 |


| NAVUA |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 10.66667 | 4.555556 | 8.277778 | 0.611111 | 0.5 | 53.22222 | 3.111111 | 4.722222 | 0.05 |
| Median | 10.5 | 5 | 0 | 0.051667 |  |  |  |  |  |
| Mode | 7 | 5 | 8 | 0.5 | 0.5 | 53 | 2 | 4 | 0.05 |
| StandardDeviation | 3.741657 | 1.616904 | 1.447332 | 0.213896 | 0.5 | 38 | 0 | 0.03 |  |
| Dispersion | 14 | 2.614379 | 2.094771 | 0.045752 | 0 | 16.69292 | 2.193276 | 2.321398 | $6.39 \mathrm{E}-10$ |
| Range | 13 | 5 | 5 | 0.5 | 0 | 278.6536 | 4.810458 | 5.388889 | $4.08 \mathrm{E}-19$ |
| 0.06741 |  |  |  |  |  |  |  |  |  |
| Minimum | 5 | 2 | 6 | 0.5 | 0.5 | 59 | 9 | 9 | 0 |
| Maximum | 18 | 7 | 11 | 1 | 0.5 | 88 | 2 | 0.29 |  |
| Total | 192 | 82 | 149 | 11 | 9 | 958 | 11 | 11 | 0.05 |
| Specimen | 18 | 18 | 18 | 18 | 18 | 18 | 0.05 | 0.01 |  |
| Confidence interval(95\%) | 1.860685 | 0.804069 | 0.719743 | 0.106368 | 0 | 8.301206 | 1.090692 | 1.154406 | $3.18 \mathrm{E}-10$ |

## SIGATOKA

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 22.94118 | 6.470588 | 18.94118 | 1.441176 | 0.823529 | 110.5882 | 7.529412 | 7.941176 | 0.05 | 0.028824 |
| Median | 23 | 7 | 20 | 2 | 0.5 | 101 | 5 | 8 | 0.05 | 0.03 |
| Mode | 24 | 8 | 26 | 2 | 0.5 | 101 | 5 | 8 | 0.05 | 0.02 |
| StandardDeviation | 9.717707 | 2.239354 | 5.237731 | 0.634487 | 1.333946 | 38.80248 | 7.890799 | 4.099857 | 0 | 0.01409 |
| Dispersion | 94.43382 | 5.014706 | 27.43382 | 0.402574 | 1.779412 | 1505.632 | 62.26471 | 16.80882 | 0 | 0.000199 |
| Range | 35 | 7 | 16 | 1.5 | 5.5 | 133 | 34 | 18 | 0 | 0.04 |
| Minimum | 12 | 3 | 10 | 0.5 | 0.5 | 62 | 1 | 4 | 0.05 | 0.01 |
| Maximum | 47 | 10 | 26 | 2 | 6 | 195 | 35 | 22 | 0.05 | 0.05 |
| Total | 390 | 110 | 322 | 24.5 | 14 | 1880 | 128 | 135 | 0.85 | 0.49 |
| Specimen | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Confidence interval(95\%) | 4.996383 | 1.151369 | 2.692992 | 0.326223 | 0.685852 | 19.95039 | 4.057073 | 2.107951 | 0 | 0.007244 |

## COASTAL

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 8.111111 | 3.777778 | 10 | 0.555556 | 0.5 | 45.66667 | 2.222222 | 7.555556 | 0.05 | 0.089444 |
| Median | 6 | 3 | 8 | 0.5 | 0.5 | 37 | 2 | 8 | 0.05 | 0.09 |
| Mode | 6 | 3 | 8 | 0.5 | 0.5 | 49 | 2 | 9 | 0.05 | 0.04 |
| StandardDeviation | 5.510092 | 2.538591 | 2.95804 | 0.166667 | 0 | 27.18915 | 1.20185 | 3.004626 | $1.14 \mathrm{E}-09$ | 0.058547 |
| Dispersion | 30.36111 | 6.444444 | 8.75 | 0.027778 | 0 | 739.25 | 1.444444 | 9.027778 | $1.3 \mathrm{E}-18$ | 0.003428 |
| Range | 18 | 8 | 8 | 0.5 | 0 | 88 | 4 | 11 | 0 | 0.195 |
| Minimum | 4 | 2 | 7 | 0.5 | 0.5 | 27 | 1 | 2 | 0.05 | 0.005 |
| Maximum | 22 | 10 | 15 | 1 | 0.5 | 115 | 5 | 13 | 0.05 | 0.2 |
| Total | 73 | 34 | 90 | 5 | 4.5 | 411 | 20 | 68 | 0.45 | 0.805 |
| Specimen | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Confidence interval(95\%) | 4.235434 | 1.951335 | 2.273752 | 0.128111 | 0 | 20.89945 | 0.923825 | 2.309562 | $8.77 \mathrm{E}-10$ | 0.045003 |


| WHOLE |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 10.60714 | 3.880952 | 10.44048 | 0.779762 | 0.565476 | 54.38095 | 4.363095 | 5.886905 | 0.050595 | 0.055357 |
| Median | 7.5 | 3 | 8.5 | 0.5 | 0.5 | 38 | 3 | 5 | 0.05 | 0.04 |
| Mode | 7 | 2 | 8 | 0.5 | 0.5 | 37 | 2 | 4 | 0.05 | 0.005 |
| StandardDeviation | 8.289953 | 2.272967 | 5.360164 | 0.51103 | 0.600099 | 36.81798 | 4.832964 | 2.9354 | 0.005455 | 0.076153 |
| Dispersion | 68.72332 | 5.16638 | 28.73135 | 0.261152 | 0.360119 | 1355.564 | 23.35754 | 8.616573 | $2.98 E-05$ | 0.005799 |
| Range | 45 | 9 | 22 | 1.5 | 5.5 | 180 | 34.5 | 21.5 | 0.05 | 0.575 |
| Minimum | 2 | 1 | 4 | 0.5 | 0.5 | 15 | 0.5 | 0.5 | 0.05 | 0.005 |
| Maximum | 47 | 10 | 26 | 2 | 6 | 195 | 35 | 22 | 0.1 | 0.58 |
| Total | 891 | 326 | 877 | 65.5 | 47.5 | 4568 | 366.5 | 494.5 | 4.25 | 4.65 |
| Specimen | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| Confidence interval(95\%) | 1.799031 | 0.493264 | 1.163227 | 0.1109 | 0.13023 | 7.989995 | 1.048818 | 0.637021 | 0.001184 | 0.016526 |

Appendix 2 Basic statistics of the surface water data (3)
REWA

| REWA |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Se | Ag | Al | As | Ba | Cr | Cu | Mn | Mo | Ni |
| Average | 0.008125 | 0.0009 | 0.047 | 0.000538 | 0.005125 | 0.001025 | 0.001813 | 0.010263 | 0.000538 | 0.002763 |
| Median | 0.005 | 0.0005 | 0.03 | 0.0005 | 0.004 | 0.0005 | 0.001 | 0.006 | 0.0005 | 0.001 |
| Mode | 0.005 | 0.0005 | 0.02 | 0.0005 | 0.002 | 0.0005 | 0.001 | 0.002 | 0.0005 | 0.0005 |
| StandardDeviation | 0.005739 | 0.001081 | 0.071439 | 0.000237 | 0.002954 | 0.001908 | 0.001803 | 0.011322 | 0.000237 | 0.005537 |
| Dispersion | 3.29E-05 | 1.17E-06 | 0.005104 | 5.62E-08 | 8.73E-06 | 3.64E-06 | 3.25E-06 | 0.000128 | 5.62E-08 | 3.07E-05 |
| Range | 0.015 | 0.0045 | 0.44 | 0.0015 | 0.012 | 0.0105 | 0.0075 | 0.0605 | 0.0015 | 0.0265 |
| Minimum | 0.005 | 0.0005 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| Maximum | 0.02 | 0.005 | 0.45 | 0.002 | 0.014 | 0.011 | 0.008 | 0.061 | 0.002 | 0.027 |
| Total | 0.325 | 0.036 | 1.88 | 0.0215 | 0.205 | 0.041 | 0.0725 | 0.4105 | 0.0215 | 0.1105 |
| Specimen | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Confidence interval(95\%) | 0.001835 | 0.000346 | 0.022847 | 7.59E-05 | 0.000945 | 0.00061 | 0.000577 | 0.003621 | 7.59E-05 | 0.001771 |

NAVUA

|  | 0.006944 | 0.000556 | 0.061389 | 0.001472 | 0.001778 | 0.0005 | 0.001222 | 0.005278 | 0.0005 | 0.002028 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 0.005 | 0.0005 | 0.02 | 0.001 | 0.002 | 0.0005 | 0.001 | 0.004 | 0.0005 | 0.00075 |
| Median | 0.005 | 0.0005 | 0.02 | 0.0005 | 0.002 | 0.0005 | 0.001 | 0.003 | 0.0005 | 0.0005 |
| Mode | 0.003888 | 0.000162 | 0.10492 | 0.001077 | 0.000647 | 0 | 0.000826 | 0.00334 | 0 | 0.002569 |
| StandardDeviation | $1.51 \mathrm{E}-05$ | $2.61 \mathrm{E}-08$ | 0.011008 | $1.16 \mathrm{E}-06$ | $4.18 \mathrm{E}-07$ | 0 | $6.83 \mathrm{E}-07$ | $1.12 \mathrm{E}-05$ | 0 | $6.6 \mathrm{E}-06$ |
| Dispersion | 0.015 | 0.0005 | 0.405 | 0.0035 | 0.002 | 0 | 0.0025 | 0.013 | 0 | 0.0085 |
| Range | 0.005 | 0.0005 | 0.005 | 0.0005 | 0.001 | 0.0005 | 0.0005 | 0.003 | 0.0005 | 0.0005 |
| Minimum | 0.02 | 0.001 | 0.41 | 0.004 | 0.003 | 0.0005 | 0.003 | 0.016 | 0.0005 | 0.009 |
| Maximum | 0.125 | 0.01 | 1.105 | 0.0265 | 0.032 | 0.009 | 0.022 | 0.095 | 0.009 | 0.0365 |
| Total | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Specimen |  | 0.001933 | $8.04 \mathrm{E}-05$ | 0.052176 | 0.000536 | 0.000322 | 0 | 0.000411 | 0.001661 | 0 |
| Confidence interval(95\%) | 0.0 .001278 |  |  |  |  |  |  |  |  |  |


| SIGATOKA |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 0.015882 | 0.0005 | 0.030588 | 0.0005 | 0.002059 | 0.001941 | 0.004059 | 0.019235 | 0.000588 | 0.002059 |
| Median | 0.02 | 0.0005 | 0.03 | 0.0005 | 0.002 | 0.0005 | 0.002 | 0.011 | 0.0005 | 0.001 |
| Mode | 0.02 | 0.0005 | 0.03 | 0.0005 | 0.002 | 0.0005 | 0.002 | 0.006 | 0.0005 | 0.001 |
| StandardDeviation | 0.006183 | 0 | 0.012976 | 0 | 0.000659 | 0.002324 | 0.006015 | 0.020858 | 0.000196 | 0.001936 |
| Dispersion | $3.82 \mathrm{E}-05$ | 0 | 0.000168 | 0 | $4.34 \mathrm{E}-07$ | $5.4 \mathrm{E}-06$ | $3.62 \mathrm{E}-05$ | 0.000435 | $3.86 \mathrm{E}-08$ | $3.75 \mathrm{E}-06$ |
| Range | 0.02 | 0 | 0.05 | 0 | 0.003 | 0.0065 | 0.025 | 0.069 | 0.0005 | 0.0065 |
| Minimum | 0.01 | 0.0005 | 0.01 | 0.0005 | 0.001 | 0.0005 | 0.002 | 0.002 | 0.0005 | 0.0005 |
| Maximum | 0.03 | 0.0005 | 0.06 | 0.0005 | 0.004 | 0.007 | 0.027 | 0.071 | 0.001 | 0.007 |
| Total | 0.27 | 0.0085 | 0.52 | 0.0085 | 0.035 | 0.033 | 0.069 | 0.327 | 0.01 | 0.035 |
| Specimen | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Confidence intervaK(95\%) | 0.003179 | 0 | 0.006672 | 0 | 0.000339 | 0.001195 | 0.003093 | 0.010724 | 0.000101 | 0.000995 |

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| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 0.005 | 0.0005 | 0.041111 | 0.001333 | 0.001556 | 0.0005 | 0.0015 | 0.026333 | 0.0005 | 0.002833 |
| Median | 0.005 | 0.0005 | 0.03 | 0.002 | 0.001 | 0.0005 | 0.001 | 0.027 | 0.0005 | 0.0005 |
| Mode | 0.005 | 0.0005 | 0.03 | 0.002 | 0.001 | 0.0005 | 0.001 | \#N/A | 0.0005 | 0.0005 |
| StandardDeviation | $8.23 \mathrm{E}-11$ | 0 | 0.04068 | 0.000791 | 0.000982 | 0 | 0.001436 | 0.016852 | 0 | 0.003905 |
| Dispersion | $6.78 \mathrm{E}-21$ | 0 | 0.001655 | $6.25 \mathrm{E}-07$ | $9.65 \mathrm{E}-07$ | 0 | $2.06 \mathrm{E}-06$ | 0.000284 | 0 | $1.53 \mathrm{E}-05$ |
| Range | 0 | 0 | 0.125 | 0.0015 | 0.0025 | 0 | 0.0035 | 0.048 | 0 | 0.0105 |
| Minimum | 0.005 | 0.0005 | 0.005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.004 | 0.0005 | 0.0005 |
| Maximum | 0.005 | 0.0005 | 0.13 | 0.002 | 0.003 | 0.0005 | 0.004 | 0.052 | 0.0005 | 0.011 |
| Total | 0.045 | 0.0045 | 0.37 | 0.012 | 0.014 | 0.0045 | 0.0135 | 0.237 | 0.0045 | 0.0255 |
| Specimen | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Confidence interval(95\%) | $6.33 \mathrm{E}-11$ | 0 | 0.031269 | 0.000608 | 0.000755 | 0 | 0.001104 | 0.012954 | 0 | 0.003002 |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average | 0.003107 | 0.000702 | 0.046131 | 0.000815 | 0.003405 | 0.001042 | 0.002107 | 0.012732 | 0.000536 | 0.00247 |
| Median | 0.005 | 0.0005 | 0.03 | 0.0005 | 0.002 | 0.0005 | 0.001 | 0.0065 | 0.0005 | 0.001 |
| Mode | 0.005 | 0.0005 | 0.02 | 0.0005 | 0.002 | 0.0005 | 0.001 | 0.004 | 0.0005 | 0.0005 |
| StandardDeviation | 0.006217 | 0.000769 | 0.070341 | 0.00071 | 0.002666 | 0.001736 | 0.003142 | 0.014747 | 0.000187 | 0.004252 |
| Dispersion | 3.87E-05 | 5.91E-07 | 0.004948 | 5.05E-07 | 7.11E-06 | $3.01 \mathrm{E}-06$ | 9.87E-06 | 0.000217 | 3.49E-08 | 1.81E-05 |
| Range | 0.025 | 0.0045 | 0.445 | 0.0035 | 0.0135 | 0.0105 | 0.0265 | 0.0705 | 0.0015 | 0.0265 |
| Minimum | 0.005 | 0.0005 | 0.005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| Maximum | 0.03 | 0.005 | 0.45 | 0.004 | 0.014 | 0.011 | 0.027 | 0.071 | 0.002 | 0.027 |
| Total | 0.765 | 0.059 | 3.875 | 0.0685 | 0.286 | 0.0875 | 0.177 | 1.0695 | 0.045 | 0.2075 |
| Specimen | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| Confidence interval(95\%) | 0.001349 | 0.000167 | 0.015265 | 0.000154 | 0.000578 | 0.000377 | 0.000682 | 0.0032 | 4.05E-05 | 0.000923 |

Appendix 2 Basic statistics of the surface water data (4)
REWA

|  | Pb | Sb | Zn | Hg | CN | F | NH4 (N) | $\mathrm{NO2(N)}$ | NO3( N$)$ | P | S-Sulphide |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average | 0.007463 | 0.0005 | 0.00915 | 0.00005 | 0.000675 | 0.0625 | 0.01375 | 0.005 | 0.020375 | 0.008 | 0.05 |
| Median | 0.0005 | 0.0005 | 0.004 | 0.00005 | 0.0005 | 0.05 | 0.01 | 0.005 | 0.015 | 0.005 | 0.05 |
| Mode | 0.0005 | 0.0005 | 0.003 | 0.00005 | 0.0005 | 0.05 | 0.01 | 0.005 | 0.005 | 0.005 | 0.05 |
| StandardDeviation | 0.036793 | 0 | 0.017039 | $2.26 \mathrm{E}-12$ | 0.000747 | 0.021926 | 0.007986 | 0 | 0.018892 | 0.010849 | 0 |
| Dispersion | 0.001354 | 0 | 0.00029 | $5.09 \mathrm{E}-24$ | 5.58E-07 | 0.000481 | $6.38 \mathrm{E}-05$ | 0 | 0.000357 | 0.000118 | 0 |
| Range | 0.2305 | 0 | 0.104 | 0 | 0.0045 | 0.05 | 0.025 | 0 | 0.065 | 0.065 | 0 |
| Minimum | 0.0005 | 0.0005 | 0.002 | 0.00005 | 0.0005 | 0.05 | 0.005 | 0.005 | 0.005 | 0.005 | 0.05 |
| Maximum | 0.231 | 0.0005 | 0.106 | 0.00005 | 0.005 | 0.1 | 0.03 | 0.005 | 0.07 | 0.07 | 0.05 |
| Total | 0.2985 | 0.02 | 0.366 | 0.002 | 0.027 | 2.5 | 0.55 | 0.2 | 0.815 | 0.32 | 2 |
| Specimen | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Confidence interval(95\%) | 0.011767 | 0 | 0.005449 | 7.22E-13 | 0.000239 | 0.007012 | 0.002554 | 0 | 0.006042 | 0.00347 | 0 |
| NAVUA |  |  |  |  |  |  |  |  |  |  |  |
| Average | 0.000694 | 0.0005 | 0.004972 | 0.00005 | 0.000806 | 0.1 | 0.018333 | 0.010556 | 0.018333 | 0.008889 | 0.05 |
| Median | 0.0005 | 0.0005 | 0.0035 | 0.00005 | 0.0005 | 0.1 | 0.02 | 0.005 | 0.02 | 0.005 | 0.05 |
| Mode | 0.0005 | 0.0005 | 0.0005 | 0.00005 | 0.0005 | 0.1 | 0.02 | 0.005 | 0.005 | 0.005 | 0.05 |
| StandardDeviation | 0.000825 | 0 | 0.004954 | 0 | 0.001296 | 1.28E-09 | 0.003835 | 0.018302 | 0.015435 | 0.007775 | $6.39 \mathrm{E}-10$ |
| Dispersion | 6.81E-07 | 0 | 2.45E-05 | 0 | 1.68E-06 | 1.63E-18 | $1.47 \mathrm{E}-05$ | 0.000335 | 0.000238 | 6.05E-05 | 4.08E-19 |
| Range | 0.0035 | 0 | 0.0165 | 0 | 0.0055 | 0 | 0.01 | 0.075 | 0.055 | 0.025 | 0 |
| Minimum | 0.0005 | 0.0005 | 0.0005 | 0.00005 | 0.0005 | 0.1 | 0.01 | 0.005 | 0.005 | 0.005 | 0.05 |
| Maximum | 0.004 | 0.0005 | 0.017 | 0.00005 | 0.006 | 0.1 | 0.02 | 0.08 | 0.06 | 0.03 | 0.05 |
| Total | 0.0125 | 0.009 | 0.0895 | 0.0009 | 0.0145 | 1.8 | 0.33 | 0.19 | 0.33 | 0.16 | 0.9 |
| Specimen | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Confidence interval(95\%) | 0.00041 | 0 | 0.002464 | 0 | 0.000645 | $6.35 \mathrm{E}-10$ | 0.001907 | 0.009101 | 0.007676 | 0.003867 | $3.18 \mathrm{E}-10$ |


| SIGATOKA |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 0.000706 | 0.0005 | 0.004294 | 0.00005 | 0.0005 | 0.135294 | 0.02 | 0.013529 | 0.007059 | 0.007647 |
| Median | 0.0005 | 0.0005 | 0.004 | 0.00005 | 0.0005 | 0.1 | 0.02 | 0.005 | 0.005 | 0.005 |
| Mode | 0.0005 | 0.0005 | 0.004 | 0.00005 | 0.0005 | 0.1 | 0.02 | 0.005 | 0.005 | 0.005 |
| StandardDeviation | 0.000849 | 0 | 0.001105 | 0 | 0 | 0.049259 | 0.006124 | 0.035168 | 0.006139 | 0.005037 |
| Dispersion | $7.21 \mathrm{E}-07$ | 0 | $1.22 \mathrm{E}-06$ | 0 | 0 | 0.05 |  |  |  |  |
| Range | 0.0035 | 0 | 0.004 | 0 | 0 | 0.002426 | $3.75 \mathrm{E}-05$ | 0.001237 | $3.77 \mathrm{E}-05$ | $2.54 \mathrm{E}-05$ |
| Minimum | 0.0005 | 0.0005 | 0.003 | 0.00005 | 0.0005 | 0.1 | 0.02 | 0.145 | 0.025 | 0.015 |
| Maximum | 0.004 | 0.0005 | 0.007 | 0.00005 | 0.0005 | 0.1 | 0.01 | 0.005 | 0.005 | 0.005 |
| Total | 0.012 | 0.0085 | 0.073 | 0.00085 | 0.0085 | 2 | 0.03 | 0.15 | 0.03 | 0.02 |
| Specimen | 17 | 17 | 17 | 17 | 17 | 17 | 0.34 | 0.23 | 0.12 | 0.13 |
| Confidence interval(95\%) | 0.000436 | 0 | 0.000568 | 0 | 0 | 0.025327 | 0.003149 | 0.01808 | 17 | 17 |

COASTAL

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 0.000667 | 0.0005 | 0.006833 | 0.00005 | 0.001278 | 0.094444 | 0.013333 | 0.014444 | 0.022778 | 0.011667 |
| Median | 0.0005 | 0.0005 | 0.004 | 0.00005 | 0.0005 | 0.1 | 0.01 | 0.005 | 0.005 | 0.005 |
| Mode | 0.0005 | 0.0005 | 0.004 | 0.00005 | 0.0005 | 0.1 | 0.01 | 0.005 | 0.005 | 0.005 |
| StandardDeviation | 0.0005 | 0 | 0.008595 | 0 | 0.001839 | 0.046398 | 0.007071 | 0.028333 | 0.03817 | 0.013463 |
| $1.14 \mathrm{E}-09$ |  |  |  |  |  |  |  |  |  |  |
| Dispersion | $2.5 \mathrm{E}-07$ | 0 | $7.39 \mathrm{E}-05$ | 0 | $3.38 \mathrm{E}-06$ | 0.002153 | 0.00005 | 0.000803 | 0.001457 | 0.000181 |
| Range | 0.0015 | 0 | 0.0285 | 0 | 0.0055 | 0.15 | 0.02 | 0.085 | 0.115 | 0.035 |
| Minimum | 0.0005 | 0.0005 | 0.0005 | 0.00005 | 0.0005 | 0.05 | 0.01 | 0.005 | 0.005 | 0.005 |
| Maximum | 0.002 | 0.0005 | 0.029 | 0.00005 | 0.006 | 0.2 | 0.03 | 0.09 | 0.12 | 0.04 |
| Total | 0.006 | 0.0045 | 0.0615 | 0.00045 | 0.0115 | 0.85 | 0.12 | 0.13 | 0.205 | 0.105 |
| Specimen | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Confidence interval(95\%) | 0.000384 | 0 | 0.006607 | 0 | 0.001414 | 0.035665 | 0.005435 | 0.021779 | 0.02934 | 0.010349 |


| WHOLE |  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average | 0.003917 | 0.0005 | 0.007024 | 0.00005 | 0.000732 | 0.08869 | 0.015952 | 0.008929 | 0.0175 | 0.008512 |  |
| Median | 0.0005 | 0.0005 | 0.004 | 0.00005 | 0.0005 | 0.1 | 0.02 | 0.005 | 0.005 | 0.005 | 0.05 |
| Mode | 0.0005 | 0.0005 | 0.003 | 0.00005 | 0.0005 | 0.1 | 0.02 | 0.005 | 0.005 | 0.005 | 0.05 |
| StandardDeviation | 0.025455 | 0 | 0.012387 | 0 | 0.000989 | 0.041327 | 0.007259 | 0.020001 | 0.019841 | 0.009562 | $3.22 \mathrm{E}-09$ |
| Dispersion | 0.000648 | 0 | 0.000153 | 0 | $9.79 \mathrm{E}-07$ | 0.001708 | $5.27 \mathrm{E}-05$ | 0.0004 | 0.000394 | $9.14 \mathrm{E}-05$ | $1.04 \mathrm{E}-17$ |
| Range | 0.2305 | 0 | 0.1055 | 0 | 0.0055 | 0.15 | 0.025 | 0.145 | 0.115 | 0.065 | 0 |
| Minimum | 0.0005 | 0.0005 | 0.0005 | 0.00005 | 0.0005 | 0.05 | 0.005 | 0.005 | 0.005 | 0.005 | 0.05 |
| Maximum | 0.231 | 0.0005 | 0.106 | 0.00005 | 0.006 | 0.2 | 0.03 | 0.15 | 0.12 | 0.07 | 0.05 |
| Total | 0.329 | 0.042 | 0.59 | 0.0042 | 0.0615 | 7.45 | 1.34 | 0.75 | 1.47 | 0.715 | 4.2 |
| Specimen | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| Confidence interval(95\%) | 0.005524 | 0 | 0.002688 | 0 | 0.000215 | 0.008968 | 0.001575 | 0.004341 | 0.004306 | 0.002075 | $6.99 E-10$ |


| Date | Temperature |  | Humidity |  | Wind |  |  |  | Precipitation | Insolation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | max. | min. | max. | min. | direction | speed max. | speed min. | speed ave. | amount | amount |
| ywy/mm/dd | ${ }^{\circ} \mathrm{C}$ | ${ }^{\circ} \mathrm{C}$ | \% | \% | degree | $\mathrm{m} / \mathrm{s}$ | $\mathrm{m} / \mathrm{s}$ | m/s | mm | kW/m2 |
| 2002/9/19 | 27.7 | 16.1 | 97.3 | 54.7 | 262 | 5.8 | 0.0 | 2.4 | 0.0 | 461 |
| 2002/9/20 | 29.2 | 13.7 | 98.7 | 46.3 | 271 | 5.9 | 0.0 | 1.7 | 0.0 | 6720 |
| 2002/9/21 | 26.0 | 16.4 | 98.3 | 65.6 | 72 | 5.1 | 0.0 | 1.7 | 1.0 | 3100 |
| 2002/9/22 | 26.6 | 19.5 | 97.5 | 56.9 | 92 | 5.5 | 0.0 | 2.1 | 0.0 | 4891 |
| 2002/9/23 | 27.9 | 20.5 | 97.6 | 71.0 | 66 | 7.0 | 0.0 | 2.2 | 0.0 | 2802 |
| 2002/9/24 | 28.5 | 22.2 | 97.6 | 71.8 | 96 | 3.6 | 0.0 | 1.2 | 0.0 | 4126 |
| 2002/9/25 | 27.6 | 22.1 | 97.3 | 74.7 | 98 | 4.4 | 0.0 | 1.7 | 0.0 | 3016 |
| 2002/9/26 | 23.5 | 19.1 | 97.3 | 75.5 | 60 | 3.8 | 0.0 | 1.5 | 0.0 | 1604 |
| 2002/9/27 | 26.2 | 16.9 | 96.9 | 52.2 | 98 | 7.5 | 0.0 | 2.7 | 0.0 | 4524 |
| 2002/9/28 | 24.9 | 16.3 | 98.1 | 53.4 | 87 | 5.9 | 0.0 | 2.1 | 0.0 | 3368 |
| 2002/9/29 | 25.6 | 17.6 | 97.7 | 65.7 | 88 | 7.5 | 0.2 | 2.2 | 0.2 | 2345 |
| 2002/9/30 | 26.6 | 19.9 | 97.1 | 62.0 | 93 | 7.5 | 0.0 | 4.0 | 0.0 | 3236 |
| 2002/10/1 | 28.4 | 20.9 | 94.9 | 59.0 | 104 | 7.6 | 1.6 | 4.9 | 0.0 | 4104 |
| 2002/10/2 | 30,6 | 19.0 | 97.9 | 49.1 | 69 | 5.0 | 0.0 | 2.1 | 0.0 | 5220 |
| 2002/10/3 | 28.1 | 20.0 | 97.8 | 60.1 | 93 | 6.0 | 0.1 | 2.2 | 0.0 | 3917 |
| 2002/10/4 | 26.8 | 21.4 | 96.9 | 73.0 | 74 | 6.0 | 0.1 | 1.7 | 0.6 | 3066 |
| 2002/10/5 | 23.4 | 20.6 | 96.5 | 83.9 | 76 | 4.4 | 0.1 | 1.4 | 0.0 | 1991 |
| 2002/10/6 | 24.7 | 20.2 | 97.0 | 79.4 | 22 | 4.6 | 0.2 | 1.6 | 0.0 | 2402 |
| 2002/10/7 | 25.0 | 20.2 | 97.0 | 67.0 | 30 | 6.3 | 0.5 | 1.7 | 0.0 | 2582 |
| 2002/10/8 | 21.1 | 18.9 | 96.8 | 89.8 | 66 | 2.6 | 0.7 | 1.4 | 0.0 | 1281 |
| 2002/10/9 | 25.2 | 17.6 | 96.7 | 56.8 | 91 | 7.4 | 0.4 | 2.5 | 0.0 | 4801 |
| 2002/10/10 | 23.9 | 15.1 | 98.3 | 55.1 | 81 | 8.4 | 0.6 | 2.9 | 0.0 | 4440 |
| 2002/10/11 | 22.3 | 17.6 | 96.9 | 72.2 | 104 | 5.3 | 0.5 | 2.0 | 0.0 | 2695 |
| 2002/10/12 | 22.9 | 16.9 | 97.8 | 75.0 | 53 | 4.5 | 0.2 | 1.6 | 52.0 | 2834 |
| 2002/10/13 | 29.8 | 19.4 | 97.5 | 59.3 | 108 | 5.2 | 0.4 | 1.8 | 0.6 | 3513 |
| 2002/10/14 | 27.5 | 19.9 | 97.3 | 61.5 | 125 | 6.5 | 0.4 | 2.0 | 0.4 | 4187 |
| 2002/10/15 | 25.0 | 19.8 | 96.9 | 82.3 | 101 | 3.9 | 0.0 | 1.3 | 31.4 | 2114 |
| 2002/10/16 | 23.1 | 21.0 | 97.0 | 87.9 | 66 | 4.3 | 0.5 | 1.7 | 7.8 | 1772 |
| 2002/10/17 | 27.1 | 21.0 | 97.1 | 67.1 | 79 | 7.3 | 0.4 | 2.4 | 4.4 | 3641 |
| 2002/10/18 | 28.1 | 21.9 | 96.7 | 68.3 | 65 | 7.5 | 0.3 | 3.2 | 2.6 | 3731 |
| 2002/10/19 | 25.4 | 21.7 | 97.0 | 81.4 | 148 | 3.5 | 0.3 | 1.6 | 26.2 | 1735 |
| 2002/10/20 | 28.8 | 21.2 | 96.3 | 59.5 | 81 | 6.0 | 0.4 | 2.4 | 3.8 | 4798 |
| 2002/10/21 | 27.3 | 20.1 | 96.8 | 62.6 | 93 | 5.8 | 0.6 | 2.4 | 0.0 | 3762 |
| 2002/10/22 | 26.5 | 21.7 | 96.5 | 73.3 | 114 | 7.3 | 0.5 | 3.4 | 0.2 | 2371 |
| 2002/10/23 | 31.4 | 22.8 | 94.8 | 54.8 | 83 | 7.8 | 0.8 | 4.1 | 5.2 | 5618 |
| 2002/10/24 | 33.6 | 22.5 | 96.8 | 44.6 | 256 | 7.1 | 0.6 | 3.4 | 0.0 | 6207 |
| 2002/10/25 | 30.7 | 20.1 | 96.7 | 52.4 | 282 | 6.6 | 0.7 | 3.0 | 0.0 | 5432 |
| 2002/10/26 | 29.8 | 19.6 | 96.0 | 49.8 | 119 | 7.3 | 0.4 | 2.2 | 0.0 | 6249 |
| 2002/10/27 | 28.4 | 18.4 | 97.7 | 52.3 | 83 | 7.0 | 0.3 | 2.5 | 0.0 | 6228 |
| 2002/10/28 | 29.5 | 18.0 | 97.6 | 52.0 | 109 | 6.1 | 0.2 | 2.3 | 0.0 | 5448 |
| 2002/10/29 | 31.2 | 21.1 | 96.9 | 60.4 | 108 | 6.9 | 0.4 | 2.3 | 8.0 | 4046 |
| 2002/10/30 | 30.9 | 21.0 | 97.7 | 62.0 | 101. | 4.8 | 0.3 | 1.5 | 31.4 | 3032 |
| 2002/10/31 | 29.8 | 21.0 | 97.9 | 59.8 | 116 | 4.7 | 0.3 | 1.7 | 0.0 | 3444 |
| 2002/11/1 | 25.7 | 21.8 | 96.3 | 73.3 | 142 | 6.3 | 0.0 | 1.8 | 0.6 | 2105 |
| 2002/11/2 | 27.2 | 21.4 | 96.4 | 68.7 | 68 | 4.9 | 0.3 | 1.9 | 0.2 | 3641 |
| 2002/11/3 | 30.0 | 22.3 | 96.8 | 67.0 | 270 | 3.4 | 0.0 | 1.3 | 16.4 | 4465 |
| 2002/11/4 | 24.5 | 21.5 | 96.5 | 77.2 | 99 | 8.2 | 0.3 | 2.0 | 2.4 | 2495 |
| 2002/11/5 | 24.7 | 21.2 | 96.8 | 85.2 | 80 | 8.1 | 0.1 | 1.7 | 14.0 | 2394 |
| 2002/11/6 | 27.3 | 22.6 | 97.5 | 77.0 | 107 | 5.5 | 0.3 | 1.6 | 57.0 | 2282 |
| 2002/11/7 | 28.5 | 22.9 | 97.5 | 76.7 | 108 | 5.5 | 0.3 | 2.5 | 48.0 | 3027 |
| 2002/11/8 | 27.7 | 22.5 | 97.7 | 79.4 | 102 | 5.4 | 0.2 | 1.4 | 2.0 | 3132 |
| 2002/11/9 | 29.7 | 22.8 | 97.1 | 67.7 | 76 | 6.2 | 0.3 | 1.9 | 11.8 | 3368 |
| 2002/11/10 | 28.6 | 22.4 | 97.3 | 74.9 | 81. | 4.9 | 0.4 | 1.7 | 42.0 | 3569 |
| 2002/11/11 | 27.1 | 22.8 | 97.5 | 78.6 | 48 | 5.2 | 0.3 | 1.8 | 11.8 | 3022 |
| 2002/11/12 | 24.4 | 21.4 | 96.5 | 79.8 | 91 | 4.0 | 0.4 | 1.6 | 0.2 | 1637 |
| 2002/11/13 | 24.8 | 20.9 | 96.8 | 79.5 | 234 | 2.0 | 0.2 | 0.9 | 3.0 | 1528 |
| 2002/11/14 | 23.8 | 21.4 | 97.1 | 88.5 | 65 | 4.9 | 0.4 | 1.5 | 61.0 | 1743 |
| 2002/11/15 | 24.1 | 21.7 | 96.9 | 85.6 | 19 | 3.3 | 0.3 | 1.2 | 19.4 | 1613 |
| 2002/11/16 | 24.0 | 21.3 | 96.9 | 81.9 | 71 | 3.0 | 0.3 | 1.4 | 15.0 | 2437 |
| 2002/11/17 | 26.1 | 20.5 | 97.0 | 75.9 | 110 | 3.7 | 0.3 | 1.3 | 0.2 | 2222 |
| 2002/11/18 | 27.7 | 21.6 | 97.3 | 68.8 | 111 | 3.9 | 0.3 | 1.6 | 6.2 | 3651 |
| 2002/11/19 | 26.6 | 21.9 | 96.9 | 74.3 | 68 | 3.9 | 0.4 | 1.3 | 13.8 | 1765 |
| 2002/11/20 | 27.4 | 22.5 | 97.3 | 81.3 | 109 | 4.6 | 0.3 | 1.4 | 41.8 | 2190 |
| 2002/11/21 | 24.4 | 21.1 | 97.3 | 83.2 | 74 | 4.7 | 0.8 | 2.0 | 2.8 | 1969 |
| 2002/11/22 | 23.9 | 20.0 | 95.7 | 74.0 | 55 | 3.9 | 0.5 | 1.8 | 0.0 | 1838 |
| 2002/11/23 | 25.6 | 19.3 | 96.7 | 63.8 | 89 | 5.4 | 0.3 | 2.0 | 0.0 | 3758 |
| 2002/11/24 | 26.4 | 20.1 | 96.9 | 66.4 | 83 | 6.5 | 0.0 | 2.2 | 0.4 | 4033 |
| 2002/11/25 | 29.4 | 20.7 | 96.5 | 49.3 | 141 | 6.0 | 0.0 | 2.0 | 0.0 | 6207 |
| 2002/11/26 | 25.5 | 21.4 | 95.1 | 73.1 | 178 | 3.9 | 0.0 | 1.3 | 0.0 | 1514 |
| 2002/11/27 | 27.0 | 20.9 | 96.0 | 64.4 | 95 | 3.6 | 0.4 | 1.4 | 0.2 | 2596 |
| 2002/11/28 | 25.5 | 20.4 | 96.4 | 60.1 | 134 | 4.3 | 0.3 | 1.8 | 2.2 | 3759 |
| 2002/11/29 | 26.1 | 19.9 | 96.1 | 61.5 | 18 | 4.0 | 0.2 | 1.4 | 0.2 | 2951 |
| 2002/11/30 | 25.3 | 20.1 | 95.7 | 71.1 | 56 | 3.0 | 0.4 | 1.4 | 0.0 | 1930 |

APPENDIX 3 Weather observation data in Namosi area (2)

| Date | Temperature |  | Humidity |  | Wind |  |  |  | Precipitation | Insolation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | max. | min. | max. | min. | direction | speed max. | speed min. | speed ave. | amount | amount |
| y y y/mm/dd | ${ }^{\circ} \mathrm{C}$ | ${ }^{\circ} \mathrm{C}$ | \% | \% | degree | $\mathrm{m} / \mathrm{s}$ | $\mathrm{m} / \mathrm{s}$ | $\mathrm{m} / \mathrm{s}$ | mm | kW/m2 |
| 2002/12/1 | 26.4 | 19.2 | 96.5 | 61.8 | 103 | 4.0 | 0.2 | 1.5 | 0.0 | 3409 |
| 2002/12/2 | 27.0 | 18.4 | 97.5 | 67.9 | 60 | 4.3 | 0.0 | 1.6 | 1.2 | 3531 |
| 2002/12/3 | 26.8 | 21.9. | 96.7 | 75.0 | 201 | 5.5 | 0.1 | 1.9 | 9.0 | 3988 |
| 2002/12/4 | 27.9 | 23.2 | 96.8 | 77.0 | 277 | 8.0 | 0.1 | 1.7 | 11.4 | 3940 |
| 2002/12/5 | 31.7 | 23.5 | 96.7 | 59.4 | 253 | 5.0 | 0.1 | 1.9 | 2.0 | 4976 |
| 2002/12/6 | 30.2 | 23.1 | 96.6 | 67.8 | 259 | 4.4 | 0.3 | 1.6 | 4.6 | 5558 |
| 2002/12/7 | 30.7 | 22.4 | 96.7 | 63.5 | 106 | 6.2 | 0.3 | 2.1 | 4.6 | 5295 |
| 2002/12/8 | 28.6 | 23.0 | 96.2 | 66.1 | 91 | 4.0 | 0.0 | 2.0 | 20.4 | 3379 |
| 2002/12/9 | 29.6 | 22.1 | 95.9 | 60.4 | 108 | 4.9 | 0.3 | 1.4 | 0.0 | 3774 |
| 2002/12/10 | 29.4 | 21.2 | 96.1 | 50.2 | 80 | 5.9 | 0.2 | 2.1 | 2.6 | 6762 |
| 2002/12/11 | 29.5 | 20.6 | 97.1 | 55.9 | 73 | 7.8 | 0.0 | 2.4 | 0.0 | 5284 |
| 2002/12/12 | 29.7 | 22.1 | 96.6 | 57.1 | 114 | 7.5 | 0.4 | 2.5 | 1.2 | 4537 |
| 2002/12/13 | 30.7 | 19.6 | 96.8 | 38.4 | 103 | 8.4 | 0.3 | 3.2 | 0.0 | 7993 |
| 2002/12/14 | 29.4 | 19.0 | 97.7 | 44.8 | 63 | 7.0 | 0.2 | 2.7 | 0.8 | 8110 |
| 2002/12/15 | 26.4 | 20.4 | 96.3 | 80.9 | 120 | 7.7 | 0.6 | 2.4 | 18.2 | 2924 |
| 2002/12/16 | 27.5 | 23.7 | 95.6 | 85.4 | 55 | 4.4 | 0.8 | 2.1 | 56.0 | 2639 |
| 2002/12/17 | 28.4 | 23.6 | 96.0 | 77.7 | 101 | 4.9 | 0.5 | 2.1 | 22.8 | 3642 |
| 2002/12/18 | 33.4 | 22.5 | 96.3 | 56.8 | 144 | 7.7 | 0.4 | 1.9 | 18.2 | 4996 |
| 2002/12/19 | 33.0 | 22.4 | 97.2 | 58.9 | 82 | 3.5 | 0.0 | 1.4 | 39.0 | 5141 |
| 2002/12/20 | 28.6 | 22.1 | 97.3 | 74.1 | 286 | 5.4 | 0.3 | 1.7 | 96.2 | 3017 |
| 2002/12/21 | 27.8 | 22.1 | 97.5 | 78.5 | 93 | 4.7 | 0.3 | 1.7 | 11.4 | 2561 |
| 2002/12/22 | 26.1 | 22.9 | 96.8 | 82.6 | 78 | 4.3 | 0.0 | 1.4 | 34.8 | 2901 |
| 2002/12/23 | 27.4 | 23.2 | 96.7 | 78.7 | 100 | 6.6 | 0.4 | 1.7 | 8.2 | 3044 |
| 2002/12/24 | 28.6 | 23.3 | 96.6 | 78.3 | 81 | 5.9 | 0.4 | 1.8 | 11.4 | 3570 |
| 2002/12/25 | 28.3 | 23.9 | 96.3 | 79.5 | 65 | 4.6 | 0.4 | 1.9 | 14.2 | 2833 |
| 2002/12/26 | 30.7 | 23.8 | 96.6 | 67.3. | 115 | 7.1 | 0.3 | 2.4 | 9.0 | 5194 |
| 2002/12/27 | 28.9 | 24.3 | 95.5 | 74.9 | 89 | 5.1 | 0.4 | 2.1 | 6.0 | 4203 |
| 2002/12/28 | 29.0 | 23.2 | 96.5 | 67.3 | 88 | 5.7 | 0.0 | 2.1 | 0.6 | 5963 |
| 2002/12/29 | 30.5 | 21.9 | 96.6 | 62.8 | 88 | 9.4 | 0.4 | 2.8 | 0.2 | 7110 |
| 2002/12/30 | 25.8 | 22.7 | 96.0 | 78.1 | 0 | 5.8 | 0.4 | 2.0 | 1.8 | 2193 |
| 2002/12/31 | 25.9 | 22.7 | 95.1 | 76.7 | 99 | 10.0 | 0.6 | 4.6 | 1.2 | 1253 |
| 2003/1/1 | 31,3 | 22.3 | 96.6 | 68,3 | 80 | 7.1 | 0.6 | 2.8 | 8.6 | 4298 |
| 2003/1/2 | 32.5 | 22.0 | 97.1 | 54,0 | 68 | 4.7 | 0.3 | 2.0 | 0.0 | 5634 |
| 2003/1/3 | 32.4 | 22.0 | 96.8 | 50.7 | 128 | 4.8 | 0.0 | 1.3 | 4.0 | 5670 |
| 2003/1/4 | 31.7 | 20.2 | 97.5 | 40.7 | 147 | 5.2 | 0.4 | 1.4 | 0.2 | 4571 |
| 2003/1/5 | 31.8 | 20.3 | 97.5 | 50.1 | 135 | 3.8 | 0.2 | 1.4 | 3.8 | 4331 |
| 2003/1/6 | 31.9 | 20.9 | 97.3 | 60.3 | 84 | 4.4 | 0.1 | 1.6 | 0.4 | 4497 |
| 2003/1/7 | 32.2 | 23.3 | 97.1 | 58.9 | 115 | 4.6 | 0.2 | 1.5 | 107.2 | 4322 |
| 2003/1/8 | 31.5 | 24.0 | 97.2 | 66.4 | 258 | 5.7 | 0.1 | 1.8 | 1.8 | 4592 |
| 2003/1/9 | 33.5 | 23.6 | 96.8 | 45.1 | 273 | 5.5 | 0.4 | 1.8 | 0.2 | 5758 |
| 2003/1/10 | 32.4 | 24.0 | 97.1 | 55.8 | 105 | 5.7 | 0.4 | 1.5 | 35.2 | 3359 |
| 2003/1/11 | 31.4 | 23.7 | 97.3 | 67.4 | 250 | 7.4 | 0.5 | 1.7 | 11.4 | 3507 |
| 2003/1/12 | 32.4 | 23.7 | 97.0 | 55.6 | 69 | 6.5 | 0.5 | 2.1 | 0.4 | 5534 |
| 2003/1/13 | 27.5 | 23.1 | 97.1 | 83.5 | 0 | 3.5 | 0.2 | 1.3 | 15.8 | 1175 |
| 2003/1/14 | 27.3 | 24.0 | 96.0 | 81.6 | 280 | 11.5 | 0.6 | 5.4 | 53.0 | 1887 |
| 2003/1/15 | 32.7 | 22.6 | 97.2 | 61.3 | 84 | 4.2 | 0.4 | 1.5 | 1.6 | 6088 |
| 2003/1/16 | 33.1 | 23.6 | 96.7 | 60.3 | 251 | 3.9 | 0.4 | 1.7 | 5.0 | 4067 |
| 2003/1/17 | 31.9 | 23.9 | 96.6 | 57.8 | 246 | 4.2 | 0.2 | 1.5 | 9.4 | 4557 |
| 2003/1/18 | 31.4 | 23.2 | 97.0 | 60.9 | 124 | 4.9 | 0.1 | 1.5 | 0.6 | 4265 |
| 2003/1/19 | 29.2 | 23.1 | 96.7 | 71.1 | 71 | 4.3 | 0.3 | 1.5 | 1.0 | 3716 |
| 2003/1/20 | 28.3 | 23.5 | 97.1 | 79.7 | 237 | 5.8 | 0.4 | 1.3 | 44.6 | 1723 |
| 2003/1/21 | 31.8 | 23.5 | 97.2 | 68.5 | 99 | 4.9 | 0.4 | 1.9 | 7.4 | 5318 |
| 2003/1/22 | 30.8 | 23.3 | 96.9 | 64.2 | 78 | 5.3 | 0.4 | 1.9 | 2.6 | 5357 |
| 2003/1/23 | 29.9 | 23.2 | 97.2 | 73.0 | 71 | 8.0 | 0.3 | 1.4 | 63.0 | 2473 |
| 2003/1/24 | 30.1 | 23.6 | 97.4 | 69.8 | 47 | 4.1 | 0.4 | 1.6 | 7.8 | 3418 |
| 2003/1/25 | 32.4 | 24.1 | 97.1 | 65.1 | 88 | 6.8 | 0.3 | 1.8 | 3.4 | 3591 |
| 2003/1/26 | 30.6 | 23.9 | 96.9 | 72.9 | 238 | 5.0 | 0.1 | 1.5 | 24.6 | 3099 |
| 2003/1/27 | 27.1 | 23.8 | 96.8 | 87.3 | 356 | 4.3 | 0.3 | 1.9 | 46.4 | 2552 |
| 2003/1/28 | 29.3 | 23.0 | 96.8 | 73.6 | 83 | 5.8 | 0.3 | 1.6 | 13.6 | 3530 |
| 2003/1/29 | 31.3 | 22.6 | 96.9 | 55.6 | 124 | 6.7 | 0.4 | 2.0 | 0.0 | 5969 |
| 2003/1/30 | 28.4 | 23.1 | 98.3 | 83.0 | 107 | 6.1 | 0.5 | 1.9 | 5.6 | 2690 |
| 2003/1/31 | 27.5 | 21.7 | 97.2 | 73.2 | 107 | 5.2 | 0.2 | 1.8 | 0.6 | 3586 |
| 2003/2/1 | 30.0 | 20.6 | 97.1 | 62.5 | 98 | 6.6 | 0.3 | 2.0 | 0.2 | 7013 |
| 2003/2/2 | 28.6 | 20.1 | 97.5 | 58.1 | 71 | 5.4 | 0.4 | 1.7 | 0.6 | 4045 |
| 2003/2/3 | 30.3 | 19.1 | 97.6 | 45,0 | 137 | 5.9 | 0.1 | 2.1 | 1.4 | 5531 |
| 2003/2/4 | 25.0 | 20.7 | 96.9 | 81.0 | 5 | 2.5 | 0.3 | 0.9 | 0.2 | 1216 |


| No. | Date | Time |  |  |  |  |  |  | No. | Date | Time |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | mayimindd | hh:mim:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |  | ypy:mm:dd | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |
|  | 2002/9/19 | 16:00:00 | 27.7 | 54.7 | 0.0 | 262 | 5.8 | 433 | 97 | 2002/9/23 | 16:00:00 | 26.2 | 77.3 | 0.0 | 88 | 3.8 | 118 |
|  | 2002/9/19 | 17:00:00 | 25.5 | 56.1 | 0.0 | 267 | 5.8 | 23 | 98 | 2002/9/23 | 17:00:00 | 25.7 | 79.8 | 0.0 | 68 | 3.0 | 44 |
|  | 2002/9/19 | 18:00:00 | 23.4 | 61.4 | 0.0 | 234 | 2.6 | 6 | 99 | 2002/9/23 | 18:00:00 | 25.0 | 82.4 | 0.0 | 68 | 3.3 |  |
| 4 | 2002/9/19 | 19:00:00 | 19.5 | 86.9 | 0.0 | 103 | 1.4 |  | 100 | 2002/9/23 | 19:00:00 | 24.4 | 84.6 | 0.0 | 56 | 3.7 | 0 |
| 5 | 2002/9/19 | 20:00:00 | 17.8 | 94.8 | 0.0 | 104 | 0.4 | 0 | 101 | 2002/9/23 | 20:00:00 | 23.8 | 89.4 | 0. | 97 | 0.9 | 0 |
| 6 | 2002/9/19 | 21:00:00 | 17.3 | 95.9 | 0.0 | 210 | 1.8 | 0 | 102 | 2002/9/23 | 21:00:00 | 23.6 | 90.3 | 0.0 | 66 | 1.8 | 0 |
|  | 20029/19 | 22:00:00 | 16.7 | 97.0 | 0.0 | 118 | 4.0 | 3 | 103 | $2002 / 9723$ | 22:00:00 | 23.1 | 94.2 | 0.0 | 91 | 1.3 | 0 |
| 8 | 20029/19 | 23:00:00 | 16.1 | 97.3 | 0.0 | 29 | 0.0 | 0 | 104 | 2002/9/23 | 23:00:00 | 22.7 | 95.9 | 0.0 | 107 | 0.4 | 0 |
| 9 | 2002/9/20 | 00:00:00 | 15.5 | 97.7 | 0.0 | 291 | 0.9 | 0 | 105 | 2002/9124 | 00:00:00 | 22.7 | 96.0 | 0.0 | 134 | 0.1 | 0 |
| 10 | 2002/9/20 | 01:00:00 | 15.0 | 98.1 | 0.0 | 44 | 0.0 | 0 | 106 | 2002/9/24 | 01:00:00 | 22.5 | 97.7) | 0.0 | 79 | 0.0 | 0 |
| 11 | 2002/9/20 | 02:00:00 | 14.7 | 98.2 | 0.0 | 120 | 0.0 | 0 | 107 | 2002/9/24 | 02:00:00 | 22.5 | 96.9 | 0.0 | 271 | 0.5 | 0 |
| 12 | 2002/9/20 | 03:00:00 | 14.3 | 98.4 | 0.0 | 158 | 0.3 | 0 | 108 | 20029/24 | 03:00:00 | 22.3 | 97.3 | 0.0 | 63 | 0.1 | 0 |
| 13. | 2002/9/20 | 04:00:00 | 14.0 | 98.5 | 0.0 | 99 | 0.0 | 0 | 109 | 2002/9/24 | 04:00:00 | 22.3 | 97.3 | 0.0 | 31 | 0.0 | 0 |
| 14 | 2002/9/20 | 05:00:00 | 13.7 | 98.6 | 0.0 | 61 | 0.0 | 0 | 110 | 2002/9/24 | 05:00:00 | 22.2 | 97.3 | 0.0 | 15 | 0.3 | 0 |
| 15 | 20029120 | 06:00:00 | 13.7 | 98.6 | 0.0 | 109 | 0.0 | 3 | 111 | 2002/9/24 | 06:00:00 | 22.3 | 97.6. | 0.01 | 20 | 0.6 |  |
| 16 | 2002/9/20 | 07:00:00 | 44.5 | 98.7 | 0.0 | 24 | 0.0 | 162 | 112 | 2002/9/24 | 07:00:00 | 22.5 | 96.8 | 0.0 | 90 | 0.0 | 46 |
| 17 | 2002/9/20 | 08:00:00 | 19.4 | 81.5 | 0.0 | 32 | 1.2 | 413 | 113 | 2002/9/24 | 08:00:00 | 23.8 | 91.5 | 0.0 | 48 | 0.9 | 182 |
| 8 | 2002/9/20 | 09:00:00 | 23.3 | 71.4 | 0.0 | 49 | 1.9 | 633 | 114 | 2002/9/24 | 09:00:00 | 25.9 | 81.0 | 0.0 | 59 | 1.6 | 602 |
| 19 | 2002/9/20 | 10:00:00 | 25.9 | 50.8 | 0.0 | 271 | 5.9 | 795 | 115 | 2002/9/24 | 10:00:00 | 27.2 | 73.9 | 0.0 | 30 | 2.4 | 665 |
| 20 | 2002/9/20 | 11:00:00 | 27.4 | 47.8 | 0.0 | 293 | 3.1 | 893 | 116 | 2002/9/24 | 11:00:00 | 26.6 | 79,8. | 0.0 | 96 | 3.6 | 631 |
| 21 | 2002/9/20 | 12:00:00 | 28,4 | 48.2 | 0.0 | 293 | 3.8 | 939 | 117 | 2002/9/24 | 12:00:00 | 27,2 | 79.3 | 0.0 | 315 | 3.1 | 1135 |
| 22 | 2002/9/20 | 13:00:00 | 28.6 | 54.4 | 0.0 | 251 | 5.2 | 976 | 118 | 2002/9/24 | 13:00:00 | 28.2 | 71.8 | 0.0 | 34. | 2.9 | 331 |
| 23 | 2002/9/20 | 14:00:00 | 29.2 | 46.3 | 0.0 | 277 | 4.9 | 803 | 119 | 2002/9/24 | 14:00:00 | 28.5 | 74.6 | 0.0 | 69 | 3.5 | 303 |
| 24 | 2002/9/20 | 15:00:00 | 28.3 | 52.0 | 0.0 | 260 | 5.0 | 638 | 120 | 2002/9/24 | 15:00:00 | 27.0 | 77.5. | 0.0 | 63 | 3.6 | 151 |
| 25 | 2002/9/20 | 16:00:00 | 27.5 | 53.7 | 0.0 | 272 | 4.9 | 423 | 121 | 200299/24 | 16:00:00 | 25.3 | 89.5 | 0.0 | 100 | 0.5 | 20 |
| 26 | 2002/9/20 | 17:00:00 | 24.3 | 68.1 | 0.0 | 277 | 2.4 | 36 | 122 | 20029/24 | 17:00:00 | 25.3 | 89.1 | 0.0 | 331 | 0.7 | 55 |
| 27 | 2002/9/20 | 18:00:00 | 21.3 | 82.3 | 0.0 | 181 | 1.0 | 7 | 123 | 2002/9/24 | 18:00:00 | 24.7 | 92.9 | 0.0 | 148 | 0.7 |  |
| 28 | 2002/9/20 | 19:00:00 | 19.2 | 92.3 | 0.0 | 147 | 0.3 | 0 | 124. | 2002/9/24 | 19:00:00 | 24.2 | 95.0 | 0.0 | 270 | 1.1 |  |
| 29 | 2002/9/20 | 20:00:00 | 18.5 | 93.9 | 0.0 | 257 | 0.0 | 0 | 125 | 2002/9/24 | 20:00:00 | 23.8 | 95.8 | 0.0 | 91 | 0.7 |  |
| 30 | 2002/9/20 | 21:00:00 | \% 7.6 | 96.6 | 0.0 | 99 | 0.0 | 0 | 126 | 200219/24 | 21:00:00 | 23.8 | 96.2 | 0.0 | 95 | 0.0 |  |
| 31 | 2002/9/20 | 22:00:00 | 16.8 | 97.0 | 0.0 | 24 | 0.0 | 0 | 127 | 2002/9/24 | 22:00:00 | 23.5 | 96.7 | 0.0 | 88 | 0.6 | 0 |
| 32 | 2002/9/20 | 23:00:00 | 16.6 | 97.7 | 0.0 | 87 | 0.0 | 0 | 128 | 2002/9/24 | 23:00:00 | 23.4 | 97.0 | 0.0 | 63 | 0.6 |  |
| 33 | 200299/21 | 00:00:00 | 16.7 | 97.4 | 0.0 | 51 | 0.0 | 0 | 129. | 2002/9/25 | 00:00:00 | 23.2 | 97.0 | 0.0 | 50 | 0.6 | 0 |
| 34 | 2002/9/21 | 01:00:00 | 17.1 | 96.2 | 0.0 | 305 | 1.4 | 8 | 130 | 2002/9/25 | 01:00:00 | 23.1 | 96.7 | 0.0 | 65 | 0.4 |  |
| 35 | 2002/9/21 | 02:00:00 | 16.5 | 96.7 | 0.0 | 146 | 0.6 | 0 | 131 | 2002/9/25 | 02:00:00 | 22.8 | 97.3 | 0.0 | 63 | 0.3 |  |
| 36 | 2002/9/21 | 03:00:00 | 16.4 | 98.1 | 0.0 | 298 | 0.0 | , | 132 | 2002/9/25 | 03:00:00 | 22.6 | 97.0 | 0.0 | 48 | 0.0 | 0 |
| 37 | 2002/9/21 | 04:00:00 | 16.6 | 98.3 | 0.0 | 107 | 0.0 | 0 | 133 | 2002/9/25 | 04:00:00 | 22.4 | 96.7 | 0.0 | 67 | 0.6 | 0 |
| $3{ }^{3}$ | 2002193/21 | 05:00:00 | 18.9 | 97.7 | 0.0 | 322 | 0.6 | 0 | 134 | $200279 / 25$ | 05:00:00 | 22.5 | 97.0 | 0.0 | 31 | 0.0 | 0 |
| 39 | 2002/9/21 | 06:00:00 | 16.9 | 97.7 | 0.0 | 88 | 0.0 | 3 | 135 | 2002/9/25 | 06:00:00 | 22.1 | 96.3 | 0.0 | 252 | 1.7 | 5 |
| 40 | 200219/21 | 07:00:00 | 17.4 | 97.2 | 0.0 | 1 | 0.2 | 59 | 136 | 2002/9/25 | 07:00:00 | 22.7 | 95.0 | 0.0 | 305 | 0.0 | 96 |
| 41 | 2002/9/2 ${ }^{\text {¢ }}$ | 08:00:00 | 19.5 | 90.7 | 0.0 | 35 | 0.0 | 141 | 137 | 2002/9/25 | 08:00:00 | 24.3 | 86.9 | 0.0 | 259 | 3.4 | 384 |
| 42 | 200249121 | 09:00:00 | 23.6 | 75.2 | 0.0 |  | 1.8 | 755 | 138 | 2002/9/25 | 09:00:00 | 25.5 | 80.7 | 0.0 | 238 | 2.4 | 336 |
| 43 | 2002/9121 | 10:00:00 | 25.2 | 66.4 | 0.0 | 72 | 5.1 | 346 | 139. | 2002/9/25 | 10:00:00 | 26.5 | 81.1 | 0.0 | 252 | 3.6 | 428 |
| 44 | 2002/9/21 | 11:00:00 | 25.3 | 68.7 | 0.0 | 90 | 4.0 | 373 | 140 | 2002/9/25 | 11:00:00 | 27.5 | 78.2 | 0.0 | 251 | 3.8 | 389 |
| 45 | 2002/9/21 | 12:00:00 | 26.0 | 65.6 | 0.0 | 107 | 4.9 | 375 | 141 | 2002/9/25 | 12:00:00 | 26.5 | 80.8 | 0.0 | 109 | 3.6 | 329 |
| 46 | 2002/9121 | +3:00:00 | 24.9 | 71.6 | 0.0 | 106 | 4.8 | 441 | 142 | 2002/9/25 | 13:00:00 | 27.0 | 78.2 | 0.0 | 98 | 2.8 | 323 |
| 47 | 2002/9/21 | 14:00:00 | 24.4 | 69.7 | 0.0 | 47 | 2.7 | 280 | 143 | 2002/9/25 | 14:00:00 | 27.6 | 74.7 | 0.0 | 292 | 2.1 | 464 |
| 48 | 2002/9/21 | 15:00:00 | 23.7 | 73.3 | 0.0 | 347 | 2.5 | 157 | 144 | 2002/9/25 | 15:00:00 | 25.5 | 82.9 | 0.0 | 98 | 4.4 | 136 |
| 49 | 200299121 | 16:00:00 | 23.4 | 70.6 | 0.0 | 59 | 3.9 | 102 | 145 | 2002/9/25 | 16:00:00 | 25.3 | 85.2 | 0.0 | 50 | 2.3 | 106 |
| 50 | 2002/9/21 | 17:00:00 | 23.2 | 73.6 | 0.0 | 93 | 3.0 | 64 | 146 | 2002/9/25 | 17:00:00 | 24.5 | 89.1 | 0.0 | 309 | 2.2 | 20 |
| 51 | 2002/9/21 | 18:00:00 | 21.5 | 87.8 | 0.0 | 52 | 2.1 | - | 147 | 2002/9/25 | 18:00:00 | 23.3 | 93,8 | 0.0 | 268 | 1.1 |  |
| 52 | 2002/9/21 | 19:00:00 | 20.6 | 88.1 | 0.0 | 225 | 0.8 |  | 149 | 2002/9/25 | 19:00:00 | 23.0 | 95.1 | 0.0 | 228 | 0.7 |  |
| 53 | 2002/9/21 | 20:00:00 | 20.2 | 93.6 | 0.0 | 172 | 0.9 | 0 | 149 | 2002/9/25 | 20:00:00 | 22.9 | 96.0 | 0.0 | 111 | 1.1 | 0 |
| 54 | 2002/9/21 | 21:00:00 | 20.0 | 95.8 | 0.6 | 119 | 1.3 | 0 | 150 | 2002/9/25 | 21:00:00 | 22.7 | 95.8 | 0.0 | 83 | 0.9 |  |
| 55 | 2002/9/21 | 22:00:00 | 20.0 | 96.7 | 0.4 | 3 | 0.0 | 0 | 151 | 2002/9/25 | 22:00:00 | 22.5 | 96.4 | 0.0 | 87 | 0.8 | 0 |
| 56 | 2002/9/21 | 23:00:00 | 20.0 | 96.8 | 0.0 | 317 | 0.6 | 0 | 152 | 2002/9/25 | 23:00:00 | 22.5 | 95.3 | 0.0 | 137 | 1.0 | 0 |
| 57 | 20029/922, | 00:00:00 | 19.9 | 97.3 | 0.0 | 83 | 1.0 |  | 153 | 2002\%3/26 | 00:00:00 | 22.3 | 95.5 | 0.0 | 127 | 1.4 | 8 |
| 58 | 2002/9/22 | 01:00:00 | 19.8 | 96.2 | 0.0 | 93 | 1.1 | 0 | 154 | 2002/9/26 | 01:00:00 | 22.1 | 96.4 | 0.0 | 349 | 0.3 |  |
| 59 | 2002/9/22 | 02:00:00 | 19.6 | 96.7 | 0.0 | 73 | 0.5 | 0 | 155 | 2002/9/26 | 02:00:00 | 22.1 | 96.0 | 0.0 | 116 | 1.2 |  |
| 60 | 2002/9/22 | 03:00:00 | 19.6 | 97.4 | 0.0 | 81 | 0.0 | 0 | 156 | 2002/9/26 | 03:00:00 | 22.1 | 95.6 | 0.0 | 204 | 0.0 | 0 |
| 61 | 2002/9122 | 04:00:00 | 19.5 | 97.2 | 0.0 | 41 | 0.0 | 0 | 157 | 200219/26 | 04:00:00 | 21.9 | 97.3 | 0.0 | 70 | 0.0 | 0 |
| 62 | 2002/9/22 | 05:00:00 | 19,6 | 97.5. | 0.0 | 45 | 0.0 | 0 | 158 | 2002/9/26 | 05:00:00 | 21.8 | 97.1 | 0.0 | 109. | 1.3 |  |
| 63 | 2002/9/22 | 06:00:00 | 19.5 | 97.5 | 0.0 | 16 | 0.0 | 3 | 159 | 2002/9/26 | 06:00:00 | 21.8 | 96.3 | 0.0 | 102 | 0.7 |  |
| 64 | 2002/9/22 | 07:00:00 | 20.4 | 93.8 | 0.0 | 60 | 0.0 | 94 | 160 | 20029/26 | 07:00:00 | 21.9. | 96.2 | 0.0 | 119 | 0.8 | 41 |
| 65 | 2002i9/22 | 08:00:00 | 23.9 | 78.4 | 0.0 | 6 | 0.4 | 475 | 161 | 20029126 | 08:00:00 | 22.3 | 95.1 | 0.0 | 70 | 1.7 | 74 |
| 66 | 2002/9/22 | 09:00:00 | 24.7 | 68.6 | 0.0 | 62 | 3.9 | 702 | 162 | 2002/9/26 | 09:00:00 | 22.9 | 93.1 | 0.0 | 17 | 2.2 | 112 |
| 67 | 2002/9/22 | 10:00:00 | 25.4 | 62.9 | 0.0 | 54 | 4.3 | 945 | 163 | 200219/26 | 10:00:00 | 22.4 | 90.7 | 0.0 | 4 | 3.2 | 178 |
| 68 | 2002/9/22 | 11:00:00 | 26.2 | 60.6 | 0.0 | 44 | 4.2 | 1197 | 164 | 2002/9/26 | 11:00:00 | 22.6 | 89.6 | 0.0 | 24 | 3.1 | 193 |
| 69 | 2002/9/22 | 12:00:00 | 28.6 | 56.9 | 0.0 | 92 | 5.5 | 445 | 165 | 2002/9/26 | 12:00:00 | 22.6 | 90.7 | 0.0 | 41 | 3.7 | 221 |
| 70 | 2002/9/22 | 13:00:00 | 26.2 | 59.8 | 0.0 | 130 | 4.3 | 389 | 166 | 200219/26 | 13:00:00 | 22.4 | 86.7 | 0.0 | 60 | 3.8 | 165 |
| 71 | 2002/9/22 | 14:00:00 | 26.2 | 65.5 | 0.0 | 118 | 4.7 | 239 | 167 | 2002/9/26 | 14:00:00 | 22.2 | 89.6 | 0.0 | 349 | 1.5 | 131 |
| 72 | 2002/9122 | 15:00:00 | 25.2 | 68.1 | 0.0 | 131 | 4.4 | 234 | 168 | 2002/9/28 | 15:00:00 | 23.2 | 85.8 | 0.0 | , | 1.8 | 262 |
| 73 | 2002/9/22 | 16:00:00 | 24.5 | 74.8 | 0.0 | 78. | 5.0 | 110 | 169 | 200219/26 | 16:00:00 | 23.5 | 75.5 | 0.0 | 73 | 2.7 | 160 |
| 74 | 2002/9/22 | 17:00:00 | 24.1 | 76.11 | 0.0 | 63 | 4.3 | 52 | 170 | 2002/9/26 | 17:00:00 | 22.3 | 77.2 | 0.0 | 76 | 3.0 | 59 |
| 75 | 2002/9/22 | 18:00:00 | 23.2 | 81.0 | 0.01 | 53 | 3.9 | 4 | 171 | 2002/9/26 | 18:00:00 | 21.1 | 89.61 | 0.0 | 23 | 1.01 | 5 |
| 76 | 200299/22 | 19:00:00 | 21.7 | 90.9 | 0.0 | 100 | 1.1 | 0 | 372 | 2002/9/26 | 19:00:00 | 20.0 | 94.5 | 0.0 | 145 | 0.6 | - 0 |
| 77 | 2002/9/22 | 20:00:00 | 21.1 | 94.4 | 0.0 | 10 | 0.1 | 0 | 173 | 2002/9/26 | 20:00:00 | 19.8 | 94.6 | 0.0 | 77 | 0.6 | 0 |
| 78 | 2002/9/22 | 21:00:00 | 20.9 | 95.8 | 0.0 | 61 | 0.6 | 0 | 174 | 2002/9/26 | 21:00:00 | 19.6 | 95.9 | 0.0 | 48 | 0.7 | 0 |
| 79 | 2002/9122 | 22:00:00 | 20.7 | 96.3 | 0.0 | 76 | 0.2 | 0 | 175 | 2002/9/26 | 22:00:00 | 19.4 | 96.6 | 0.0 | 80 | 0.8 | 0 |
| 80 | 2002/9/22 | 23:00:00 | 20.7 | 96.7 | 0.01 | 128 | 0.2 | 0 | 176 | 2002/9/26 | 23:00:00 | 19.1 | 95.4 | 0.0 | 97 | 6.9 | - 0 |
| 81 | 2002/9/23 | 00:00:00 | 20.7 | 97.0 | 0.0 | 106 | 0.5 |  | 177 | 2002/9/27 | 00:00:00 | 19.1 | 94.9 | 0.0 | 130 | 1.9 | - 0 |
| 82 | 2002/9/23 | 01:00:00 | 20.7 | 97.1 | 0.0 | 66 | 7.0 |  | 178 | 2002/9/27 | 01:00:00 | 18.4 | 96.0 | 0.0 | 103 | 1,2 | - 0 |
| 83 | 2002/9/23 | 02:00:00 | 20.7 | 97.1 | 0.0 | 2 | 0.6 |  | 179 | 200219/27 | 02:00:00 | 18.6 | 96.9 | 0.0 | 360 | 0.7 | 0 |
| 84 | 2002/9/23 | 03:00:00 | 20.8 | 96.8 | 0.0 | 248 | 0.8 |  | 180 | 200219/27 | 03:00:00 | 18.3 | 96,9 | 0.0 | 108 | 0.6 | 0 |
| 85 | 2002/9/23 | 04:00:00 | 20.7 | 97.2 | 0.0 | 97 | 0.7 |  | 181 | 2002/9/27 | 04:00:00 | 18.6 | 96.4 | 0.0 | 19 | 0.4 | 0 |
| 86 | 200219/23 | 05:00:00 | 20.5 | 97.01 | 0.0 | 234 | 0.2 | 0 | 182 | 2002/9/27 | 05:00:00 | 18.4 | 96.2 | 0.0 | 86 | 0.0 | 0 |
| 87 | 200219/23 | 06:00:00 | 20.5 | 97.6 | 0.0 | 339 | 0.6 |  | 183 | 2002/9/27 | 06:00:00 | 18.6 | 96.3 | 0.0 | 255 | 0.8 | 4 |
| 88 | 2002/9/23 | 07:00:00 | 21.1 | 36.2 | 0.0 | 316 | 0.0 | 78 | 184 | 20029/27 | 07:00:00 | 19,2 | 94.6 | 0.0 | 82 | 0.0 | 36 |
| 89 | 2002/9/23 | 08:00:00 | 22.2 | 91.1 | 0.0 | 235 | 1.0 | 178 | 185 | 2002/9/27 | 08:00:00 | 21.5 | 86.5 | 0.0 | 35 | 0.9 | 426 |
| 90 | 2002/9/23 | 09:00:00 | 24.3 | 83.0 | 0.0 | 27 | 1.3 | 267 | 186 | 2002/9/27 | 09:00:00 | 22.1 | 73.2 | 0.0 | 146 | 3.0 | 251 |
| 91 | 200279/23 | 10:00:00 | 25.9 | 74.8 | 0.0 | 279 | 1.7 | 454 | 187 | 2002/9/27 | 10:00:00 | 24.9 | 60.6 | 0.0 | 78 | 5.4 | 882 |
| 92 | 200219/23 | 11:00:00 | 28.7 | 72.5 | 0.0 |  | 2.4 | 383 | 188 | 2002/9/27 | 11:00:00 | 25.3 | 52.2 | 0.0 | 68 | 6.6 | 1078 |
| 93 | 2002/9/23 | 12:00:00 | 27.0 | 73.8 | 0.0 | 70 | 4.6 | 473 | 189 | 2002/9/27 | 12:00:00 | 26.2 | 56.6 | 0.0 | 79 | 7.2 | 486 |
| 94 | 2002/9/23 | 13:00:00 | 27.9 | 71.0 | 0.0 | 87 | 5.2 | 349 | 190 | 2002/9/27 | 13:00:00 | 23.5 | 68.1 | 0.0 | 55 | 4.8 | 314 |
| 95 | 2002/9/23 | 14:00:00 | 27.8 | 74.2 | 0.0 | 96 | 4.8 | 279 | 191 | 2002/9/27 | 14:00:00 | 24.5 | 62.1 | 0.0 | 85 | 5.1 | 308 |
| 96 | 2002/9/23 | 15:00:00 | 26,8) | 73.9 | 0.01 | 148] | 4.3 | 173 | 192. | 2002/9/27 | 15:00:00 | 24.4 | 59.4 | 0.0 | 98 | 7.5 | 201 |

APPENDIX 3 Weather observation data in Namosi area (4)

| No. | Date | Time |  |  |  |  |  |  | No. | Date | Time |  | $\begin{aligned} & \frac{\lambda}{7} \\ & \frac{1}{3} \\ & \substack{x} \end{aligned}$ |  |  | 7 0 0 0 0 0 0 5 5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | yoyyimidd | hat:miniss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degras | m/s | kW/m2 |  | ymy:mmidd | hh:mimiss | ${ }^{\text {a }}$ C | \% | mm | degree | m/s | kW/m2 |
| 193 | 2002/9/27 | 16:00:00 | 24.5 | 58.9 | 0.0 | 77 | 6.7 | 461 | 289 | 2002/10/1 | 16:00:00 | 27.2 | 61.6 | 0.0 | 95 | 5.6 | 154 |
| 194 | 2002/9/27 | 17:00:00 | 22.8 | 68.2 | 0.0 | 66 | 5.4 | 71 | 290 | 2002/10/1 | 17:00:00 | 26.0 | 68.7 | 0.0 | 114 | 7.0 | 59 |
| 195 | 2002/9/27 | 18:00:00 | 21.3 | 71.1 | 0.0 | 60 | 3.3 | 7 | 291 | 2002/10/1 | 18:00:00 | 24.6 | 74.0 | 0.0 | 104. | 4.5 |  |
| 196 | 2002/9/27 | 19:00:00 | 18.3 | 90.8 | 0.0 | 95 | 0.9 |  | 292 | 2002/10/1 | 19:00:00 | 23.9 | 77.8 | 0.0 | 107 | 5.4 | 0 |
| 197 | 2002/9227 | 20:00:00 | 17.8 | 92.6 | 0.0 | 120 | 1.3 | 0 | 293 | 20021017 | 20:00:00 | 23.1 | 82.01 | 0.0 | 81 | 3.8 |  |
| 198 | 2002/9/27 | 21:00:00 | 16.9 | 96.5 | 0.0 | 11. | 0.6 | 0 | 294 | 2002/10/1 | 21:00:00 | 21,6 | 91. | 0.0 | 113 | 1.6 |  |
| 199 | 2002/9/27 | 22:00:00 | 17.6 | 96.5 | 0.01 | 87 | 1.0 | 0 | 295 | 2002/1011 | 22:00:00 | 21.0 | 93.6 | 0.0 | 75 | 1.6 |  |
| 200 | 2002/9/27 | 23:00:00 | 17.9 | 96.1 | 0.0 | 61 | 0.8 | 0 | 296 | 2002/10/1 | 23:00:00 | 20.9 | 94.9 | 0.0 | 49 | 1.6 |  |
| 201 | 2002/9/28 | 00:00:00 | 17.2 | 95.8 | 0.0 | 93 | 1.1 | 0 | 297 | 2002/10/2 | 00:00:00 | 20.7 | 95.2 | 0.0 | 89 | 1.0 |  |
| 202 | 2002/9128 | 01:00:03 | 16.9 | 96.0 | 0.0 | 102 | 0.8 | 0 | 238 | 20024102 | 01:00:00 | 20.4 | 36.2 | 0.0 | 222 | 0.7 | 0 |
| 203 | 2002/9/28 | 02:00:00 | 16.9 | 97.2 | 0.0 | 58 | 0.8 | - | 299 | 2002/10/2 | 02:00:00 | 19.9 | 96. | 0.0 | 135 | 0.4 | 0 |
| 204 | 2002/9/28 | 03:00:00 | 16.4 | 97.4 | 0.0 | 61 | 0.7 | - | 300 | 2002/10/2 | 03:00:00 | 19.4 | 97.0 | 0.0 | 106 | 0.5 |  |
| 205 | 2002/9/28 | 04:00:00 | 16.6 | 97.6 | 0.0 | 17 | 0.6 | 0 | 301 | 2002/10/2 | 04:00:00 | 19.2 | 97.5 | 0.0 | 76 | 1.1 |  |
| 206 | 2002/9/28 | 05:00:00 | 16.5 | 97.9 | 0.0 | 344 | 0.4 | 0 | 302 | 2002/10/2 | 05:00:00 | 19.1 | 97.8 | 0.0 | 58 | 0.8 |  |
| 207 | 200219128 | 06:00:00 | 16.3 | 98.0 | 0.0 | 136 | 0.0 | 10 | 303 | 2002/10/2 | 06:00:00 | 19.0 | 97. | 0.0 | 31 | 0.7 |  |
| 208 | 2002/9/28 | 07:00:00 | 17.0 | 98.1 | 0.0 | 24 | 0.2 | 142 | 304 | 2002/10/2 | 07:00:00 | 19.3 | 97.9 | 0.0 |  | 0.3 | 28 |
| 209 | 2002/9/28 | 08:00:00 | 21.7 | 79.1 | 0.0 | 41 | 1.5 | 441 | 305 | 2002/10/2 | 08:00:00 | 22.2 | 92.6 | 0.0 | 29 | 1.0 | 152 |
| 210 | 2002/9/28 | 09:00:00 | 24.7 | 58.7 | 0.0 | 65 | 3.5 | 651 | 306 | 2002/10/2 | 09:00:00 | 26.4 | 69.1 | 0.0 | 89. | 3.1 | 718 |
| 211 | 2002/9/28 | 10:00:00 | 24.1 | 58.6 | 0.0 | 76 | 4.7 | 333 | 307 | 2002/10/2 | 10:00:00 | 27.2 | 64.1 | 0.0 | 106 | 4.4 | 439 |
| 212 | 2002/9/28 | 11:00:00 | 24.9 | 53.4 | 0.0 | 74 | 5.8 | 302 | 308 | 20024012 | 11:00:00 | 28.8 | 56.7 | 0.0 | 101 | 4.1 | 096 |
| 213 | 2002/9/28 | 12:00:00 | 24. | 63.1 | 0.0 | 106 | 5.7 | 351 | 309 | 2002/10/2 | 12:00:00 | 29.6 | 58.6 | 0.0 | 74 | 4.2 | 668 |
| 214 | 2002/9/28 | 13:00:00 | 24.0 | 62.2 | 0.0 | 87 | 5.9 | 315 | 310 | 2002/10/2 | 13:00:00 | 30.6 | 49,6 | 0.0 | 69 | 3.2 | 971 |
| 215 | 2002/9/28 | 14:00:00 | 24.6 | 63.4 | 0.0 | 61 | 3.7 | 326 | 311 | 2002/10/2 | 14:00:00 | 29.6 | 49.1 | 0.0 | 71 | 4.9 | 398 |
| 216 | 2002/9/28 | 15:00:00 | 24.4 | 61.2 | 0.0 | 96 | 3.4 | 256 | 312 | 2002/10/2 | 15:00:00 | 29.3 | 58.7 | 0.0 | 69 | 5.0 | 302 |
| 217 | 2002/9/28 | 16:00:00 | 23.7 | 67.0 | 0.0 | 96 | 3.9 | 150 | 313 | 2002/10/2 | 16:00:00 | 28.2 | 68.1 | 0.0 | 7 | 4.9 | 351 |
| 218 | 2002/9/28 | 17:00:00 | 23.5 | 67.91 | 0.0 | 92 | 4.9 | 85 | 314 | 2002/10/2 | 17:00:00 | 26.5 | 75.9 | 0.0 | 82 | 4.5 | 83 |
| 219 | 2002/9/28 | 18:00:00 | 21.9 | 79.0 | 0.0 | 51 | 1.1 |  | 315 | 200240/2 | 18:00:00 | 25.6 | 78.7 | 0.0 | 90. | 3.3 |  |
| 220 | 2002/9/28 | 19:00:00 | 20.5 | 89.4 | 0.0 | 79 | 0.7 | 0 | 316 | 2002/10/2 | 19:00:00 | 24.7 | 82.8 | 0.0 | 84 | 1.2 | 0 |
| 221 | 2002/9/28 | 20:00:00 | 20.2 | 89.6 | 0.0 | 35 | 0.6 | 0 | 317 | 2002/10/2 | 20:00:00 | 23.2 | 91.9 | 0.0 | 12 | 0.3 |  |
| 222 | 2002/9/28 | 21:00:00 | 19.5 | 92.7 | 0.0 | 170 | 0.4 | 0 | 318 | 2002/10/2 | 21:00:00 | 22.1 | 94.2 | 0.0 | 94 | 0.5 |  |
| 223 | 2002/9/28 | 22:00:00 | 19.5 | 93.9 | 0.0 | 165 | 0.2 | 0 | 319 | 2002/10/2 | 22:00:00 | 21.1 | 95.4 | 0.0 | 86 | 0.5 |  |
| 224 | 2002/9/28 | 23:00:00 | 19.4 | 95.1 | 0.0 | 79 | 0.5 | 0 | 320 | 2002/10/2 | 23:00:00 | 21.2 | 96.6 | 0.0 | 78 | 0.0 | 0 |
| 225 | 2002/9/29 | 00:00:00 | 18.6 | 95.6 | 0.0 | 69. | 0.5 | 0 | 321 | 2002/10/3 | 00:00:00 | 21.0 | 96.5 | 0.0 | 359 | 0.7 | 0 |
| 226 | 2002/9/29 | 01:00:00 | 18.4 | 96.6 | 0.0 | 198 | 0.2 | 0 | 322 | 2002/10/3 | 01:00:00 | 20.7 | 97.3 | 0.0 | 168 | 0.6 |  |
| 227 | 2002/9/29 | 02:00:00 | 18.0 | 97.2 | 0.0 | 55 | 0.5 | 0 | 323 | 2002/10/3 | 02:00:00 | 20.4 | 97.5 | 0.0 | 35 | 1.0 | 0 |
| 228 | 200219129 | 03:00:00 | 17.6 | 97.7 | 0.0 | 123 | 0.3 | 0 | 324 | 2002/10/3 | 03:00:00 | 20.0 | 97.6 | 0.0 | 36 | 0.9 | 0 |
| 229 | 2002/9/29 | 04:00:00 | 17.9 | 97.7 | 0.0 | 113 | 1.1 | 0 | 325 | 2002/10/3 | 04:00:00 | 20.1 | 97.6 | 0.0 |  | 0.9 | 0 |
| 230 | 2002/9129 | 05:00:00 | 18.1 | 97.4 | 0.0 | 8 | 0.4 | 0 | 326 | 2002/10/3 | 05:00:00 | 20.2 | 97.8 | 0.0 | 18 | 0.4 |  |
| 231 | 2002/9/29 | 06:00:00 | 17.7 | 97.2 | 0.0 | 102 | 0.6 | 7 | 327 | 2002/10/3 | 06:00:00 | 20.0 | 97.8 | 0.0 | 67 | 0.1 | 14 |
| 232 | 2002/9/29 | 07:00:00 | 19.3 | 95.3 | 0.0 | 46 | 1.0 | 86 | 328 | 2002/10/3 | 07:00:00 | 20.4 | 97.7 | 0.0 | 351 | 0.7 | 103 |
| 233 | 200219/29 | 08:00:00 | 23.8 | 72.7 | 0.0 | 48 | 2.7 | 255 | 329 | 200210103 | 08:00:00 | 22.9 | 95.6 | 0.0 | 125 | 1.3 | 261 |
| 234 | 2002/9/29 | 09:00:00 | 23.6 | 69.6 | 0.0 | 56 | 6.0 | 162 | 330 | 2002/10/3 | 09:00:00 | 26.2 | 71.0 | 0.0 | 22 | 3.4 | 235 |
| 235 | 2002/9/29 | 10:00:00 | 25.6 | 65.7 | 0.0 | 92 | 5.8 | 423 | 331 | 2002/10/3 | 10:00:00 | 26.8 | 64.6 | 0.0 | 89. | 3.1 | 422 |
| 236 | 2002/9/29 | 11:00:00 | 24.6 | 66.6 | 0.0 | 88 | 7.5 | 293 | 332 | 2002/10/3 | 11:00:00 | 28.1 | 61.9 | 0.0 | 51 | 4.1 | 1215 |
| 237 | 2002/9/29 | 12:00:00 | 24.2 | 66.5 | 0.0 | 99 | 7.1 | 286 | 333 | 2002/10/3 | 12:00:00 | 28.0 | 60.1 | 0.0 | 110 | 4.8 | 257 |
| 238 | 2002/9/29 | 13:00:00 | 23.7 | 89.0 | 0.0 | 78 | 3.4 | 181 | 334 | 20021903 | 13:00:00 | 27.9 | 62. | 0.0 | 95 | 4.5 | 314 |
| 239 | 2002/9/29 | 14:00:00 | 23.7 | 70.3 | 0.0 | 96 | 3.0 | 242 | 335 | 2002/10/3 | 14:00:00 | 27.2 | 66.5 | 0.0 | 93 | 6.0 | 494 |
| 240 | 2002/9/29 | 15:00:00 | 23.0 | 79.4 | 0.0 | 339 | 1.5 | 258 | 336 | 2002/10/3 | 15:00:00 | 26.2 | 69.4 | 0.0 | 113 | 4.6 | 397 |
| 241 | 2002/9/29 | 16:00:00 | 23.1 | 77.7 | 0.0 | 64 | 1.7 | 107 | 337 | 2002/10/3 | 16:00:00 | 25.4 | 71.1 | 0.0 | 66 | 4.9. | 124 |
| 242 | 2002/9/29 | 17:00:00 | 21.3 | 89.1 | 0.0 | 43 | 1.4 | 62 | 338 | 2002/10/3 | 17:00:00 | 24.7 | 73.6 | 0.0 | 85 | 3.9 | 73 |
| 243 | 2002/9/29 | 18:00:00 | 20.8 | 91.4 | 0.0 | 55 | 3.8 |  | 339 | 2002/to/3 | 18:00:03 | 23.9 | 76.9 | 0.9 | 80 | 2.0 | 10 |
| 244 | 2002/9/29 | 19:00:00 | 20.4 | 94.9 | 0.0 | 93 | 0.5 | 0 | 340 | 2002/10/3 | 19:00:00 | 22.8 | 85.8 | 0.0 | 90 | 0.8 | 0 |
| 245 | 2002/9/29 | 20:00:00 | 20.2 | 96.3 | 0.0 | 46 | 1.3 | 0 | 341 | 2002/10/3 | 20:00:00 | 22.2 | 90.1 | 0.0 | 63 | 1.0 |  |
| 246 | 2002/9/29 | 21:00:00 | 20.2 | 96.1 | 0.0 | 83 | 1.0 | 0 | 342 | 2002/10/3 | 21:00:00 | 22.0 | 92.5 | 0.0 | 41 | 0.8 |  |
| 247 | 2002/9/29 | 22:00:00 | 20.2 | 96.3 | 0.2 | 99 | 0.7 | 0 | 343 | 2002/10/3 | 22:00:00 | 21.9 | 93.3 | 0.0 | 26 | 0.7 |  |
| 248 | 2002/9/29 | 23:00:00 | 20.2 | 96.6 | 0.0 | 88 | 0.5 | 0 | 344 | 2002/10/3 | 23:00:00 | 21.8 | 94.5 | 0.0 | 119 | 0.4 |  |
| 249 | 2002/9/30 | 00:00:00 | 20.3 | 96.6 | 0.0 | 87 | 0.8 |  | 345 | 2002/10/4 | 00:00:00 | 21.6 | 95.9 | 0.0 | 256 | 0.1 |  |
| 250 | 2002/9/30 | 01:00:00 | 20.4 | 96.6 | 0.0 | 70 | 0.6 | 0 | 346 | 2002/10/4 | 01:00:00 | 24.5 | 96.6 | 0.4 | 310 | 0.8 |  |
| 251 | 2002/9/30 | 02:00:00 | 20.4 | 97.1 | 0.0 | 43 | 1.3 |  | 347 | 2002/10/4 | 02:00:00 | 21.5 | 96.61 | 0.0 | 42 | 0.6 |  |
| 252 | 2002/9130 | 03:00:00 | 20.4 | 97.0 | 0.0 | 92 | 0.7 | 0 | 348 | 2002/10/4 | 03:00:00 | 21.5 | 96.5 | 0.0 | 47 | 0.4 |  |
| 253 | 2002/9/30 | 04:00:00 | 20.3 | 97.1 | 0.0 | 92 | 0.9 | 0 | 349 | 2002/10/4 | 04:00:00 | 21.4. | 96.7 | 0.2 | 55 | 0.2 |  |
| 254 | 2002/9/30 | 05:00:00 | 20.1 | 97.0 | 0.0 | 96 | 1.1 |  | 350 | 2002/10/4 | 05:00:00 | 21.5 | 96.7 | 0.0 | 79 | 0.6 |  |
| 255 | 2002/9/30 | 06:00:00 | 19.9 | 97.1 | 0.0 | 791 | 4.0 |  | 351 | 2002/10/4 | 06:00:00 | 21.4 | 96.9 | 0.0 | 24 | 0.7 | 6 |
| 256 | 2002/9/30 | 07:00:00 | 20.5 | 96.1 | 0.0 | 62 | 1.3 |  | 352 | 2002/10/4 | 07:00:00 | 21.6 | 96.6 | 0.0 | 36 | 0.5 | 47 |
| 257 | 2002/9/30 | 08:00:00 | 22.3 | 89.6 | 0.0 | 84 | 0.0 | 222 | 353 | 2002/0/4 | 08:00:00 | 23.2 | 89.8 | 0.0 | 75 | 1.9 | 188 |
| 258 | 2002/9/30 | 09:00:00 | 24.0 | 77.4 | 0.0 | 72 | 5.4 | 231 | 354 | 2002/10/4 | 09:00:00 | 24.9 | 77.3 | 0.0 | 28 | 0.9 | 271 |
| 259 | 2002/9/30 | 10:00:00 | 25.4 | 69.1 | 0.0 | 90 | 4.7 | 383 | 355 | 2002/10/4 | 10:00:00 | 25,2 | 79.5 | 0.0 | 45 | 2.6 | 276 |
| 260 | 2002/9/30 | 11:00:00 | 26.2 | 62.0 | 0.0 | 92 | 7.4 | 507 | 356 | 2002110/4 | 11:00:00 | 23.6 | 88.1 | 0.0 | 65 | 2.9 | 257 |
| 261 | 2002/9/30 | 12:00:00 | 26.6 | 63.2 | 0.0 | 93 | 7.5 | 374 | 357 | 2002/10/4 | 12:00:00 | 24.9 | 79.9 | 0.0 | 16 | 3.2 | 469 |
| 262 | 2002/9/30 | 13:00:00 | 26.4 | 66.4 | 0.0 | 100 | 6.4 | 441 | 358 | 2002/10/4 | 13:00:00 | 26.8 | 73.0 | 0.0 | 74 | 6.0 | 567 |
| 263 | 2002/9/30 | 14:00:00 | 26.4 | 65.3 | 0.0 | 92 | 6.7 | 399 | 359 | 2002/10/4 | 14:00:00 | 25.7 | 73.8 | 0.0 | 94 | 5.1 | 497 |
| 264 | 2002/9/30 | 15:00:00 | 26.4 | 65.7 | 0.0 | 100 | 6.6 | 329 | 360 | 2002/10/4 | 15:00:00 | 25.4 | 73.3 | 0.0 | 65 | 3.6 | 280 |
| 265 | 2002/9/30 | 16:00:00 | 25.8 | 68.0 | 0.0 | 95 | 7.3 | 195 | 361 | 2002/10/4 | 16:00:0 | 24.2 | 81,6 | 0.0 | 75 | 3.8 | 169 |
| 266 | 2002/9/30 | 17:00:00 | 25.0 | 70.7 | 0.0 | 95 | 6.4 | 88 | 362 | 2002/10/4 | 17:00:00 | 23.4 | 87.3 | 0.0 | 81 | 2.0 | 37 |
| 267 | 2002/9/30 | 18:00:00 | 24.4 | 74.1 | 0.0 | 90 | 5.0 | 5 | 363 | 2002/10/4 | 18:00:00 | 22.3 | 92.4 | 0.0 | 143 | 1.5 | 3 |
| 268 | 2002/9/30 | 19:00:00 | 24.01 | 76.9 | 0.0 | 98 | 5.6 | 0 | 364 | 2002/10/4 | 19:00:00 | 22.1 | 93.9 | 0.0 | 42 | 1.2 | 0 |
| 269 | 2002/9/30 | 20:00:00 | 24.1 | 76.6 | 0.0 | 94 | 5.6 | --0 | 365 | 2002/10/4 | 20:00:00 | 21.8 | 95.4 | 0.0 | 61 | 0.9 | 0 |
| 270 | 2002/9/30 | 21:00:00 | 24.2 | 74.9 | 0.0 | 94 | 6.9 | - 0 | 366 | 2002/40/4 | 21:00:00 | 21.8 | 95.6 | 0.0 | 66 | 0.9 | 0 |
| 271 | 2002/9/30 | 22:00:00 | 23.7 | 79.2 | 0.0 | 106 | 3.6 |  | 367 | 2002/10/4 | 22:00:00 | 21.5 | 95.3 | 0.0 | 67 | 0.9 |  |
| 272 | 2002/9/30 | 23:00:00 | 23.6 | 81.4 | 0.0 | 110 | 3.6 |  | 368 | 2002/10/4 | 23:00:00 | 21.4 | 95.6 | 0.0 | 316 | 1.2 |  |
| 273 | 2002/10/1 | 00:00:00 | 23.5 | 81.7 | 0.0 | 108 | 3.8 | - -0 | 369 | 2002/10/5 | 00:00:00 | 21.4 | 95.9 | 0.0 | 18 | 0.3 |  |
| 274 | 2002/10/4 | 01:00:00 | 23.4 | 83.2 | 0.0 | 100 | 4.1 | -0 | 370 | 2002/10/5 | 01:00:00 | 21.2 | 96.4 | 0.0 | 82 | 1.0 |  |
| 275 | 2002/90/9 | 02:00:00 | 23.5 | 79.8 | 0.0 | 104 | 3.6 | --0 | 371 | 2002/10/5 | 02:00:00 | 21.0 | 96.0 | 0.0 | 86 | 0.4 | 0 |
| 276 | 2002/10/1 | 03:00:00 | 23.1 | 82.6 | 0.0 | 121 | 5.4 | - 0 | 372 | 2002/10/5 | 03:00:00 | 20.8 | 96.3 | 0.0 | 106 | 0.7 |  |
| 277 | 2002/10/1 | 04:00:00 | 23.2 | 82.7 | 0.0 | 109 | 3.8 |  | 373 | 2002/10/5 | 04:00:00 | 20.9 | 96.1 | 0.0 | 52 | 1.0 |  |
| 279 | 2002710/1 | 05:00:00 | 23.0 | 84.2 | 0.0 | 111 | 4.9 |  | 374 | 2002/10/5 | 05:00:00 | 20.8 | 96.2 | 0.0 | 106 | 1.3 |  |
| 279 | 200210191 | 06:00:00 | 22.8 | 84.8 | 0.0 | 102 | 3.1 | 13 | 375 | 2002110/5 | 06:00:00 | 20.9 | 96.5 | 0.0 | 110 | 1.0 | 2 |
| 280 | 2002/10/1 | 07:00:00 | 23.5 | 84.3 | 0.0 | 108 | 4.3 | 83 | 376 | 2002/10/5 | 07:00:00 | 21.1 | 95.7 | 0.0 | 104 | 1.3 | 39 |
| 281 | 2002/10/1 | 08:00:00 | 24.6 | 76.5 | 0.0 | 106 | 7.4 | 170 | 377 | 2002/10/5 | 08:00:00 | 21.7 | 93.4 | 0.0 | 70 | 1.7 | 135 |
| 282 | 2002/10/1 | 09:00:00 | 26.2 | 68.3 . | 0.0 | 97 | 6.5 | 313 | 378 | 2002/10/5 | 09:00:00 | 21.9 | 92.2 | 0.0 | 29 | 1.8 | 181 |
| 283 | 2002/10/1 | 10:00:00 | 26.8 | 65.0 | 0.0 | 104 | 7.6 | 351 | 379 | 2002/10/5 | 10:00:00 | 22.2 | 89.8 | 0.0 | 289 | 2.2 | 226 |
| 284 | 2002/10/1 | 11:00:00 | 26.9 | 64.9 | 0.0 | 106 | 6.9 | 667 | 380 | 2002190/5 | 11:00:00 | 22.8 | 88.8 | 0.0 | , | 2.1 | 261 |
| 285 | 2002/10/1 | 12:00:00 | 28. | 64.8 | 0.0 | 98 | 5.9 | 344 | 381 | 2002/10/5 | 12:00:00 | 22.9 | 87.8 | 0.0 | 55 | 2.1 | 296 |
| 286 | 2002/10/1 | 13:00:00 | 27.9 | 59.5 | 0.0 | 101 | 6.3 | 363 | 382 | 2002/10/5 | 13:00:00 | 22.3 | 89.6 | 0.0 | 76 | 4.4 | 216 |
| 287 | 2002/10/1 | 14:00:00 | 27.7 | 61.9 | 0.0 | 90 | 6.7 | 914 | 383 | 2002/10/5 | 14:00:00 | 23.4 | 83.9 | 0.0 | 31 | 2.8 | 335 |
| 288 | 2002/10/1 | 15:00:00 | 28.4 | 59.0 | 0.0. | 103 | 6.3 | 671 | 384 | 2002/10/5 | 15:00:00 | 23.0 | B4.6 | 0.0 | 51 | 1.9 | 138 |


| No. | Date | Time |  |  |  |  |  |  | No. | Date | Time |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ymy/mmidd | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |  | yyy:mm:dd | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |
| 385 | 2002/10,5 | 16:00:00 | 22.5 | 87.3 | 0.0 | 100 | 2.2 | 131 | 481 | 2002/10/9 | 16:00:00 | 21.3 | 78.0 | 0.0 | 36 | 3.0 | 94 |
| 386 | 2002/10/5 | 17:00:00 | 21.8 | 92.7 | 0.0 | 55 | 0.7 | 30 | 482 | 2002/10/9 | 17:00:00 | 20.6 | 77.0 | 0.0 | 83 | 3.4 | 51 |
| 387 | 2002/10/5 | 18:00:00 | 21.5 | 94.4 | 0.0 | 27 | 1.0 |  | 483 | 2002/10/9 | 18:00:00 | 19.6 | 83.8 | 0.0 | 84 | 2.4 |  |
| 3881 | 2002/10/5 | 19:00:00 | 24.0 | 95.4 | 0.0 | 46 | 0.8 |  | 484 | 2002/10/9 | 19:00:00 | 18.6 | 93.2 | 0.0 | 88 | 0.8 |  |
| 389 | 2002/10/6 | 20:00:00 | 20.9 | 95.7 | 0.0 | 27 | 0.8 |  | 485 | 2002/10/9 | 20:00:00 | 18.4 | 94.5 | 0.0 | 321 | 1.1 |  |
| 390 | 2002/70/5 | 21:00:00 | 20.8 | 96.1 | 0.0 | 39 | 0.6 | 0 | 486 | 2002/0/9 | 21:00:00 | 18.1 | 95.7 | 0.0 | 85 | 1.7 |  |
| 391 | 20021005 | 22:00:00 | 20.8 | 96.1 | 0.0 | 65 | 0.8 | 0 | 487 | 20021109 | 22:00:00 | 18.0 | 94.9 | 0.0 | 337 | 0.6 |  |
| 392 | 2002/10/5 | 23:00:00 | 20.6 | 96.1 | 0.0 | 151 | 0.6 |  | 488 | 2002/10/9 | 23:00:00 | 17.6 | 96.5 | 0.0 | 7 | 0.5 |  |
| 393 | 2002/10/6 | 00:00:00 | 20.6 | 96.6 | 0.0 | 118 | 0.4 | 0 | 489 | 2002/10/10 | 00:00:00 | 17.2 | 96.4 | 0.0 | 188 | 0.7 |  |
| 394 | 2002/10/6 | 01:00:00 | 20.6 | 96.8 | 0.0 | 294 | 0.2 | 0 | 490 | 2002/40/10 | 01:00:00 | 17.0 | 96.5 | 0. | 206 | 0.8 |  |
| 395 | 2002/10/6 | 02:00:00 | 20.6 | 96.5 | 0.0 | 234 | 0.8 |  | 491 | 2002/10/10 | 02:00:00 | 16.9 | 36.9 | 0.0 | 141 | 1.3 |  |
| 396 | 20021016 | 03:00:00 | 20.6 | 96.4 | 0.0 | 103 | 1.1 |  | 492 | 2002/10/10 | 03:00:00 | 16.4 | 97.3 | 0.0 | 58 | 0.9 | 0 |
| 397 | 2002/10/6 | 04:00:00 | 20.5 | 96.3 | 0.0 | 80 | 0.8 |  | 493 | 2002/10/10. | 04:00:00 | 15.9 | 97.6 | 0.0 | 224 | 0.7 |  |
| 398 | 2002/10/6 | 05:00:00 | 20.3 | 96.01 | 0.0 | 230 | 0.7 |  | 494 | 2002/10/10 | 05:00:00 | 15.6 | 97.8 | 0.0 | 158 | 1.7 | 0 |
| 399 | 2002/10/6 | 06:00:00 | 20.2 | 96.4 | 0.01 | 123 | 0.2 |  | 495 | 2002/10/10 | 06:00:00 | 15.1 | 97.9 | 0.0 | 284 | 0.8 | 0 |
| 400 | 2002/10/6 | 07:00:00 | 20.5 | 96.4 | 0.0 | 36 | 0.6 | 58 | 496 | 2002/10/10 | 07:00:00 | 16.1 | 98.3 | 0.0 | 30 | 1.0 | 119 |
| 401 | 2002/1076 | 00:00:00 | 21.2 | 94.2 | 0.0 | 84 | 0.6 | 84 | 497 | 2002/10/10 | 08:00:00 | 19.7 | 75.4 | 0.0 | 20 | 1.6 | 514 |
| 402 | 2002/10/6 | 09:00:00 | 22.2 | 87.8 | 0.0 | 341 | 1.9 | 222 | 498 | 2002/10/10 | 09:00:00 | 23.3 | 57.7 | 0.0 | 81 | 4.2 | 863 |
| 403 | 2002/10/6 | 10:00:00 | 23.9 | 79.4 | 0.0 | 32 | 2.4 | 421 | 499 | 2002/10/10 | 10:00:00 | 23.9 | 55.1 | 0.0 | 90 | 5.3 | 990 |
| 404. | 2002/10/6 | 11:00:00 | 24.7 | 79.9 | 0.0 | 69 | 4.3 | 486 | 500 | 2002/10/10 | 11:00:00 | 22.9 | 62.1 | 0.0 | 76 | 7.1 | 393 |
| 405 : | 2002/10/6 | 12:00:00 | 23.2 | 81.0 | 0.0 | 22 | 4.6 | 213 | 501 | 2002/10/10 | 12:00:00 | 22.9 | 60.1 | 0.0 | 83 | 7.0 | 638 |
| 406 | 20021016 | 13:00:00 | 23.2 | 85.1 | 0.0 | 51 | 4.2 | 251 | 502 | 2002/10/10 | 13:00:00 | 22.5 | 62.4 | 0.0 | 37 | 6.3 | 198 |
| 407 | 2002/10/6 | 14:00:00 | 22.9 | 86.4 | 0.0 | 37 | 2.9 | 354 | 503 | 200210/10 | 14:00:00 | 23.1 | 59.8 | 0.0 | 81 | 8.4 | 355 |
| 408 | 2002/10/6 | 15:00:00 | 22.9 . | 88.0 | 0.0 | 15 | 3.1 | 185 | 504 | 2002/10/10 | 15:00:00 | 22.7 | 61.1 | 0.0 | 81 | 4.01 | 155 |
| 409 | 2002/10/6 | 16:00:00 | 21.8 | 91.8 | 0.0 | 12 | 2.1 | 89 | 505 | 2002/10/10 | 16:00:00 | 21.3 | 68.8 | 0.0 | 95 | 6.7 | 144 |
| 410 | 2002/10/6 | 17:00:00 | 21.7 | 93.5 | 0.0 | 73 | 1.7 | 31 | 506 | 2002/10/10 | 17:00:00 | 21.1 | 73.2 | 0.0 | 93 | 2.9 | 57 |
| 411 | 2002\%10/6 | 18:00:00 | 21.3 | 94.4 | 0.0 | 51 | 1.5 |  | 507 | 2002/10/10 | 18:00:00 | 19.0 | 89.7 | 0.0 | 50 | 1.9 |  |
| 412 | 2002/10/6 | 19:00:00 | 20.9 | 95.7 | 0.0 | 101 | 1.5 | 0 | 508 | 2002/10/10 | 19:00:00 | 18.6 | 91.2 | 0.0 | 334 | 1.7 | 0 |
| 413 | 2002/10/6 | 20:00:00 | 20.8 | 95.9 | 0.0 | 87) | 0.9 | 0 | 509 | 2002/10/10 | 20:00:00 | 18.1 | 93.7 | 0.0 | 100 | 1.4 |  |
| 414 | 200214016 | 21:00:00 | 20.7 | 96.5 | 0.0 | 54 | 0.2 |  | 510 | 2002/10/10 | 21:00:00 | 18.0 | 94.9 | 0.0 | 261 | 1.1 |  |
| 415 | $2002 / 1016$ | 22:00:00 | 20.6 | 96.9 | 0.0 | 49 | 0.6 | 0 | 511 | 2002/10/10 | 22:00:00 | 18.0 | 95.4 | 0.0 | 22 | 1.2 | 0 |
| 416 | 2002/10/6 | 23:00:00 | 20.71 | 97.01 | 0.0 | 92 | 1.0 | 0 | 512 | 2002/10/10 | 23:00:00 | 17.9 | 96.0 | 0.0 | 158 | 0.6 |  |
| 417 | 2002/100 | 00:00:00 | 20.6 | 96.91 | 0.01 | 131 | 0.6 | 0 | 513 | 2002/10/11 | 00:00:00 | 17.8 | 96.3 | 0.0 | 209 | 0.6 | 0 |
| 418 | 2002/407 | 01:00:00 | 20.7 | 97.0 | 0.0 | 92 | 1.0 | 0 | 514 | 2002/10/11 | 01:00:00 | 17.8 | 96.9 | 0.0 | 103 | 1.2 |  |
| 419 | 2002/107 | 02:00:00 | 20.6 | 96.8 | 0.0 | 69 | 0.8 | 0 | 515 | 2002/10/11 | 02:00:00 | 17.8. | 95.6 | 0.0 | 70 | 1.8 | 0 |
| 420 | 20021107 | 03:00:00 | 20.5 | 96.9 | 0.0 | 94 | 1.2 | 0 | 516 | 2002/10/11 | 03:00:00 | 17.7 | 96.3 | 0.0 | 272 | 1.4 | 0 |
| 421 | 2002107 | 04:00:00 | 20.4 | 96.9 | 0.0 | 107 | 0.9 | 0 | 517 | 2002/10/11 | 04:00:00 | 17.6 | 96.7 | 0.0 | 283 | 1.6 |  |
| 422 | 2002/1077 | 05:00:00 | 20.3 | 96.5 | 0.0 | 107 | 1.2 |  | 518 | 2002/10/11 | 05:00:00 | -77.7 | 96.1 | 0.0 | 58 | 0.9 | 0 |
| 423 | 20021107 | 06:00:00 | 20.2 | 96.5 | 0.0 | 121 | 0.5 | 2 | 519 | 2002/0/11 | 06:00:00 | 17.6 | 96.5 | 0.0 | 336 | 1.1 | 4 |
| 424. | 2002/1077 | 07:00:00 | 20.3 | 96.2 | 0.0 | 117 | 1.4 | 96 | 520 | 2002/10/11 | 07:00:00 | 18.1 | 95.5 | 0.0 | 118 | 1.8 |  |
| 425 | 2002/107 | 08:00:00 | 21.3 | 91.7 | 0.0 | 63 | 1.4 | 135 | 521 | 2002/10/11 | 08:00:00 | 19.3 | 91.5 | 0.0 | 7 | 1.1 | 100 |
| 426 | 2002/107 | 09:00:00 | 21.7 | 90.2 | 0.0 | 146 | 1.4 | 146 | 522 | 2002/10/11 | 09:00:00 | 20.5 | 86.5 | 0.0 | 74 | 2.2 | 270 |
| 427 | 20021107 | 10:00:00 | 23.5 | 77.7 | 0.0 | 321 | 2.6 | 379 | 523 | 2002/10/11 | 10:00:00 | 21.5 | 77.1 | 0.0 |  | 4.7 | 349 |
| 428 | 2002/10/7 | 11:00:00 | 22.4 | 82.9 | 0.0 | 101 | 5.7 | 240 | 524 | 2002/10/11 | 11:00:00 | 20.8 | 80.0 | 0.0 | 73 | 4.8 | 412 |
| 429 | 2002/107 | 12:00:00 | 21.9 | 83.2 | 0.0 | 176 | 2.5 | 113 | 525 | 2002/10/11 | 12:00:00 | 20.9 | 82.2 | 0.0 |  | 3.1 |  |
| 430 | 20021107 | 13:00:00 | 22.0 | 76.4 | 0.0 | 30 | 6.3 | 530 | 526 | 2002/10/11 | 13:00:00 | 21.3 | 79.7 | 0.0 | 16 | 2.9 | 527 |
| 431 | 2002/107 | 14:00:00 | 25.0 | 67.0 | 0.0 | , | 2.8 | 584 | 527 | 2002/10/11 | 14:00:00 | 22.3 | 72.2 | 0.0 | 71 | 4.1 | 330 |
| 432 | 2002/1077 | 15:00:00 | 24.3 | 67,9 | 0.0 | 68 | 2.9 | 239 | 528 | 2002/10/11 | 15:00:00 | 21.5 | 74.5 | 0.0 | 104 | 5.3 | 273 |
| 433 | 2002/107 | 16:00:00 | 22.8 | B5.0 | 0.0 | 131 | 1.1 | 53 | 529 | 2002/10/11 | 16:00:00 | 21.4 | 75.5 | 0.0 | 102 | 2.3 | 151 |
| 434 | 2002/107 | 17:00:00 | 22.2 | 88.7 | 0.0 | 34 | 0.8 | 59 | 530 | 2002/10/11 | 17:00:00 | 20.8 | 80.0 | 0.0 | 76 | 1.3 | 68 |
| 435 | 2002/107 | 18:00:00 | 21.6 | 93.4 | 0.0 | 87 | 1.4 |  | 531 | 2002/10/11 | 18:00:00 | 19.4 | 87.2 | 0.0 | 77 | 0.8 |  |
| 436 | $2002 / 107$ | 19:00:00 | 20.8 | 93.4 | 0.0 | 71 | 1.0 | 0 | 532 | 2002/10/11 | 19:00:00 | 18.8 | 93.3 | 0.0 | 65 | 1.0 |  |
| 437 | 2002/107 | 20:00:00 | 20.6 | 94.9 | 0.0 | 120 | 0.9 |  | 533 | 200245017 | 20:00:00 | 18.4 | 95.1 | 0.0 |  | 0.9 |  |
| 438 | 2002/107 | 21:00:00 | 20.5 | 95.6 | 0.0 | 326 | 0.6 | 0 | 534 | 2002/10/11 | 21:00:00 | 18.4 | 96.2 | 0.0 | 83 | 0.8 |  |
| 439 | 2002/107 | 22:00:00 | 20.3 | 96.0 | 0.0 | 17 | 0.8 |  | 535 | 2002/10/11 | 22:00:00 | 17.9 | 96.3 | 0.0 | $1+1$ | 0.9 |  |
| 440 | 2002/10/7 | 23:00:00 | 20.2 | 95.9 | 0.0 | 171 | 1.0 |  | 536 | 2002/10/11 | 23:00:00 | 18.0 | 96.5 | 0.0 | 57 | 0.5 |  |
| 441 | 2002/10/8 | 00:00:00 | 20.1 | 96.0 | 0.0 | 21 | 0.7 |  | 537] | 2002/10/12 | 00:00:00 | 17.3 | 97.0 | 0.0 | 76 | 0.2 |  |
| 442 | 2002/10/8 | 01:00:00 | 20.2 | 96.0 | 0.0 | 40 | 0.7 |  | 538 | $2002 / 10 / 12$ | 01:00:00 | 17.1 | 97.4 | 0.0 |  | 0.6 |  |
| 443 | 2002/10/8 | 02:00:00 | 20.1 | 96.3 | 0.09 | 66 | 0.7 |  | 539 | 2002/10/12 | 02:00:00 | 16.9 | 97.6 | 0.0 | 80 | 0.5 |  |
| 444 | 2002/10/8 | 03:00:00 | 20.1 | 96.7 | 0.0 | 67 | 0.9 |  | 540 | 2002/10/12 | 03:00:00 | 17.1 | 97.8 | 0.0 | 59 | 0.9 |  |
| 445 | $2002110 / 8$ | 04:00:00 | 20.0 | 96.8 | 0.0 | 27 | 1.0 |  | 541 | 2002710112 | 04:00:00 | 17.1 | 97.8 | 0.0 | 35 | 0.8 | - 0 |
| 446 | 2002/10/8 | 05:00:00 | 19.9 | 96.5 | 0.0 | 114 | 1.0 |  | 542 | 2002/10/12 | 05:00:00 | 17.4 | 97.8 | 0.0 | 82 | 0.6 |  |
| 447 | 2002/10/8 | 06:00:00 | 19.7 | 96.3 | 0.0 | 165 | 0.8 |  | 543 | 2002/10/12 | 06:00:00 | 17.4 | 97.7 | 0.0 | 43 | 1.3 |  |
| 448 | 2002/10/8 | 07:00:00 | 19.7 | 96.3 | 0.0 | 31 | 1.1 | 28 | 544 | 2002/10/12 | 07:00:00 | 17.9 | 97.3 | 0.0 | 355 | 0.6 | 62 |
| 449 | 2002/10/8 | 08:00:00 | 19.9 | 96.3 | 0.0 | 16 | 1.4 | 55 | 545 | 2002/10/12 | 08:00:00 | 19.7 | 94.6 | 0.0 | 109 | 1.5 | 254 |
| 450 | 2002/10/8 | 09:00:00 | 20.6 | 91.7 | 0.0 | 2 | 2.0 | 159 | 546 | 2002/10/12 | 09:00:00 | 22.2 | 79.5 | 0.0 | 18 | 1.8 | 296 |
| 451 | 2002/10/8 | 10:00:00 | 21.0 | 89.8 | 0.0 | 34 | 4.9 | 173 | 547 | $2002110 / 12$ | 10:00:00 | 22.6 | 76.1 | 51.8 | 68 | 4.4 | 309 |
| 452 | 2002/10/8 | 11:00:00 | 21.0 | 90.5 | 0.0 | 77 | 1.4 | 162 | 548 | 2002/10/12 | 11:00:00 | 22.2 | 79.7 | 0.2 | 52 | 1.9 | 378 |
| 453 | 2002/10/8 | 12:00:00 | 21.1 | 91.8 | 0.0 | 4 | 1.3 | 124 | 549 | 2002110/12 | 12:00:00 | 21.8 | 79.9 | 0.0 | 53 | 4.5 | 379 |
| 454 | 2002/90/8 | 13:00:00 | 20.8 | 90.5 | 0.0 | 66 | 2.6 | 197 | 550 | 2002/10/12 | 13:00:00 | 22.9 | 79.7 | 0.0 | 124 | 3.1 | 466 |
| 455 | 2002/10/8 | 14:00:00 | 20.5 | 92.4 | 0.0 | 348 | 2.1 | 108 | 551 | 2002/10/12 | 14:00:00 | 22.8 | 77.9 | 0.0 | 69 | 3.8 | 303 |
| 456. | 2002/10/8 | 15:00:00 | 20.6 | 92.3 | 0.0 | 68 | 1.7 | 201 | 552 | 2002/10/42 | 15:00:00 | 22.7 | 75.1 | 0.0 | 124 | 3.4 | 256 |
| 457 | 2002/10/8 | 16:00:00 | 20.2 | 94.7 | 0.0 | 48 | 1.3 | 50 | 553 | 2002/10/12 | 16:00:00 | 22.6 | 75.0 | 0.0 | 120 | 2.3 | 54 |
| 458 | 2002/10/8 | 17:00:00 | 20.1 | 95.1 | 0.0 | 88 | 1.8 | 17 | 554 | 2002/10/12 | 17:00:00 | 22.5 | 81.3 | 0.0 | 64 | 0.8 | 67 |
| 459 | 2002/10/8 | 18:00:00 | 20.0 | 95.0 | 0.0 | 112 | 1.5 |  | 555 | 2002/10/12 | 18:00:00 | 21.3 | 88.4 | 0.0 | 76 | 1.5 |  |
| 460 | 20021018 | 19:00:00 | 19.7 | 95.7 | 0.0 | 78 | 1.4 |  | 556 | 2002/10/12 | 19:00:00 | 20.3 | 94.2 | 0.0 | 64 | 1.0 |  |
| 461 | 2002/10/8 | 20:00:00 | 19.5 | 95.2 | 0.0 | 73 | 2.0 | 0 | 557 | 2002/40/12 | 20:00:00 | 20.0 | 95.1 | 0.0 | 129 | 0.8 |  |
| 462 | 2002/10;8 | 21:00:00 | 19.4 | 96.2 | 0.0 | 88 | 0.9 |  | 558 | 2002/70/12 | 21:00:00 | 19.9 | 95.8 | 0.0 | 110 | 0.6 |  |
| 463 | 2002/10/8 | 22:00:00 | 18.9 | 95.8 | 0.0 | 52 | 2.2 |  | 559 | 2002/10/12 | 22:00:00 | 19.9 | 96.2 | 0.0 | 95 | 0.8 |  |
| 464 | $2002 / 108$ | 23:00:00 | 18.9) | 95.8 | 0.0 | 19 | 1.4 | 0 | 560 | 2002/10/12 | 23:00:00 | 19.8 | 96.3 | 0.0 | 99 | 0.8 |  |
| 465 | 2002/10/9 | 00:00:00 | 19.0 | 96.1 | 0.0 | 334 | 0.6 |  | 561 | 2002 110 /13 | 00:00:00 | 19.5 | 96.8 | 0.0 | 83 | 0.4 |  |
| 466 | 2002/10/9 | 01:00:00 | 19.0 | 95.9 | 0.0 | 133 | 0.4 |  | 562 | 2002710/13 | 01:00:00 | 19.5 | 96.9 | 0.0 | 31 | 0.4 | - 0 |
| 467 | 2002/10/9 | 02:00:00 | 18.8 | 96.6 | 0.0 | 121 | 1.3 |  | 563 | 2002110/13 | 02:00:00 | 19.5 | 97.0 | 0.0 | 28 | 0.6 |  |
| 468 | $2002110 / 9$ | 03:00:00 | 18.7 | 94.7 | 0.01 | 77 | 2.4 |  | 564 | 2002110193 | 03:00:00 | 19.6 | 97.2 | 0.0 | 117 | 0.5 |  |
| 469 | 2002110/9 | 04:00:00 | 18.4 | 95.5 | 0.0 | 332 | 0.7 |  | 565 | 2002/1013 | 04:00:00 | 19.5 | 97.2 | 0.0 | 118 | 0.6 | 0 |
| 470 | 2002/10/9 | 05:00:00 | 18.1 | 96.7 | 0.0 | 245 | 0.7 | 0 | 566 | 2002/10/13 | 05:00:00 | 19.4 | 97.4 | 0.0 | 91 | 0.4 | - 0 |
| 471 | 2002/10/9 | 06:00:00 | 18.4 | 95.3 | 0.0 | 331 | 1.4 | 10 | 567 | 2002/10/13 | 06:00:00 | 19.5 | 97.5 | 0.0 | 36 | 0.7 | 38 |
| 472 | 2002/10/9 | 07:00:00 | 18.7 | 95.4 | 0.0 | 94 | 1.9 | 63 | 568 | 2002/40/13 | 07:00:00 | 20.0 | 96.9 | 0.2 | 85 | 0.7 | 77 |
| 473 | 2002/10/9 | 08:00:00 | 20.0 | 89.3 | 0.0 | 168 | 0.9 | 254 | 569 | 2002/10/13 | 08:00:00 | 21.4 | 92.1 | 0.0 | 77 | 1.1 | 195 |
| 474 | 2002/10/9 | 09:00:00 | 21.8 | 78.7 | 0.0 | 355 | 4.2 | 1005 | 570 | 2002/9/13 | 09:00:00 | 24.1 | 82.5 | 0.0 | 342 | 1.2 | 413 |
| 475 | 2002/10/9 | 10:00:00 | 21.4 | 85.1 | 0.0 | 29 | 2.1 | 357 | 571 | 2002/10/13 | 10:00:00 | 26.7 | 67.1 | 0.0 | 60 | 4.1 | 224 |
| 476 | 2002/10/9 | 14:00:00 | 22.2 | 73.7 | 0.0 | 114 | 6.3 | 492 | 572 | 2002/10/13 | 11:00:00 | 27.3 | 63.1 | 0.0 | 99 | 3.8 | 348 |
| 477 | 2002/10/9 | 12:00:00 | -25.2 | 56.8 | 0.0 | 91 | 7.4 | 1230 | 573 | 2002/10/13 | 12:00:00 | 29.4 | 59.3 | 0.0 | 64 | 3.1 | 776 |
| 478 | 2002/10/9 | 13:00:00 | 23.5 | 66.5 | 0.0 | 68 | 7.2 | 604 | 574 | 2002/10/13 | 13:00:00 | 29.8 | 59.6 | 0.0 | 81 | 3.5 | 992 |
| 479 : | 2002/10/9 | 14:00:00 | 23.0 | 66.0 | 0.0 | 83 | 5.8 | 342 | 575 | 2002/10/73 | 14:00:00 | 27.0 | 69.5 | 0.0 | 108 | 5.2 | 132 |
| 480 | 2002/10/9 | 15:00:00 | 22.4 | 66.1 | 0.0 | 121 | 3.8 | 291 | 576 | 2002/10/13 | 15:00:00 | 25.2 | 83.8 | 0.4 | 70 | 2.2 | 215 |

APPENDIX 3 Weather observation data in Namosi area (6)

| No. | Date | Time |  |  |  |  |  |  | No. | Date | Time |  | $\begin{aligned} & \frac{2}{2} \\ & \frac{2}{E} \\ & \frac{1}{2} \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & \overline{\$} \\ & 2 \\ & \frac{2}{5} \\ & \frac{1}{3} \\ & 3 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | yyyzimim/dd | hin:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |  | ypyy:mm:dd | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | $\mathrm{m} / \mathrm{s}$ | kW/m |
| 577 | 2002110/13 | 16:00:00 | 25.4 | 78.5 | 0.0 | 69 | 4.9 | 63 | 673 | 200210117 | 16:00:00 | 24.7 | 80.2 | 0.0 | 70 | 2.8 | 65 |
| 578 | 2002/10/13 | 17:00:00 | 24.7 | 83.3 | 0.0 | 53 | 4.1 | 34 | 674 | 2002/10177 | 17:00:00 | 23.0 | 91.2 | 0.6 | 82 | 3.3 | 57 |
| 579 | 2002/10/43 | 18:00:00 | 23.7 | 88.2 | 0.0 | 76 | 1.1 | 6 | 675 | 2002/10/17 | 18:00:00 | 22.9 | 92.9 | 0.2 | 80 | 0.8 |  |
| 580 | 2002/10/13 | 19:00:00 | 23.0 | 92.4 | 0.0 | 73 | 0.6 | 0 | 676 | 2002/90/17 | 19:00:00 | 22.5 | 95.4 | 0.0 | 98 | 0.6 | 0 |
| 581 | 2002410/13 | 20:00:00 | 22.0 | 94.8 | 0.0 | 105 | 1.0 |  | 677 | 2002/10/17 | 20:00:00 | 22.3 . | 96.2 | 0.2 | 358 | 0.8 | 0 |
| 582 | 2002710/13 | 21:00:00 | 24.7 | 94.8 | 0.0 | 242 | 1.2 | 0 | 678 | 2002110117 | 21:00:00 | 22.3 | 96.5 | 0.6 | 76 | 0.8 | 0 |
| 583 | 2002/10/13 | 22:00:00 | 21.3 | 95.2 | 0.0 | 134 | 1.1 | 0 | 679 | 2002/10/17 | 22:00:00 | 22.4 | 96.3 | 0.4 | 177 | 0.4 | 0 |
| 584 | $2002410 / 13$ | 23:00:00 | 20.8 | 96.2 | 0.0 | 333 | 0.6 |  | 880 | 200219/17 | 23:00:00 | 22.3 | 96.6 | 0.2 | 92 | 0.5 | 0 |
| 585 | 2002410/14 | 00:00:00 | 21.0 | 96.2 | 0.0 | 56 | 0.9 | 0 | 681 | 2002/10/16 | 00:00:00 | 22.1 | 96.7 | 0.8 | 70 | 0,7 |  |
| 586 | 2002/10/14 | 01:00:00 | 20.7 | 96.3 | 0.0 | 281 | 0.7 | 0 | 682 | 2002/10/18 | 01:00:00 | 22.0 | 96.7 | 0.2 | 39. | 0.3 | 0 |
| 587 | $2002110 / 14$ | 02:00:00 | 20.4 | 96.4 | 0.0 | 228 | 10 | 0 | 683 | $2002 / 10118$ | 02:00:00 | 22.0 | 86. | 0.0 | 102 | 0.6 | 0 |
| 588 | 2002/10/14 | 03:00:00 | 20.1 | 96.6 | 0.0 | 216 | 0.4 | 0 | 684 | 2002/10/18 | 03:00:00 | 22.0 | 96.5 | 0.0 | 23 | 0.4 | 0 |
| 589 | 2002 $210 / 14$ | 04:00:00 | 19.9 | 96.7 | 0.0 | 108 | 0.9 | 0 | 685 | 2002/10/18 | 04:00:00 | 21.9 | 96.5 | 0.0 | 347 | 0.6 |  |
| 590 | 2002/10/14 | 05:00:00 | 20.0 | 97.3 | 0.0 | 174 | 0.6 |  | 686 | 2002/1018 | 05:00:00 | 21.9 | 96.5 | 0.0 | 118 | 0.5 | 0 |
| 591 | 2002710149 | 06:00:00 | 20.0 | 97.1 | 0.0 | 359 | 0.8 |  | 687 | 2002/10/18 | 06:00:00 | 22.0 | 96.7 | 0.2 | 69 | 0.8 | 9 |
| 592 | 2002/10/14 | 07:00:00 | 20.6 | 96.8 | 0.0 | 42 | 0.7 | 53 | 688 | 2002/10/18 | 07:00:00 | 23.5 | 89.8 | 0.0 | 68 | 2.5 | 118 |
| 593 | 2002/10/14 | 08:00:00 | 21.8 | 95.1 | 0.0 | 296 | 1.3 | 134 | 689 | 2002140118 | 08:00:00 | 24.4 | 87.5 | 0.2 | 71 | 2.5 | 174 |
| 594 | 2002/10/14 | 09:00:00 | 24.2 | 84.6 | 0.4 | 31 | 1.8 | 438 | 690 | 200211018 | 09:00:0 | 25.3 | 84.4 | 0.0 | 82 | 4.6 | 360 |
| 595 | 2002/10/14 | 10:00:00 | 25.6 | 75.4 | 0.0 | 66 | 3.3 | 532 | 691 | 2002/10/18 | 10:00:00 | 27.5 | 76.2 | 0.0 | 85 | 6.0 | 686 |
| 596 | 2002190/14 | 11:00:00 | 27.5 | 69.0 | 0.0 | 85 | 4.8 | 1105 | 692 | 2002/10/18 | 14:00:00 | 28.0 | 71.5 | 0.0 | 84 | 5.1 | 313 |
| 597 | 2002/10/14 | 12:00:00 | 26.9 | 66.2 | 0.0 | 125 | 6.5 | 482 | 693 | 2002/40/18 | 12:00:00 | 28.1 | 68.3 | 0.0 | 65 | 7.5 | 712 |
| 598 | 2002/10/14 | 13:00:00 | 27.2 | 64.4 | 0.0 | 125, | 4.4 | 432 | 694 | 2002/10/9 9 | 13:00:00 | 26.9 | 75.4 | 0.0 | 79 | 7.1 | 535 |
| 599 | 2002/10/14 | 14:00:00 | 26.7 | 65.0 | 0.0 | 140 | 4.2 | 245 | 695 | 2002/10/98 | 14:00:00 | 26.5 | 78.3 | 0.0 | 82 | 7.3 | 388 |
| 600 | $2002 / 10 / 14$ | 15:00:00 | 26.1 | 65.3 | 0.0 | 128 | 4.2 | 339 | 696 | 2002/10/18 | 15:00:00 | 26.0 | 80.9 | 0.0 | 96 | 5.6 | 297 |
| 601 | 200214014 | 16:00:00 | 27.1 | 61.5 | 0.0 | 57 | 2.9 | 326 | 697 | 2002/10/18 | 16:00:00 | 25.5 | 82.9 | 0.0 | 95 | 5.8 | 102 |
| 602 | 2002/10/14 | 17:00:00 | 25.2 | 67.4 | 0.0 | 78 | 4.4 | 84 | 698 | 2002/10178 | 17:00:00 | 24.6 | 86.6 | 0.0 | 76 | 2.6 | 34 |
| 603 | 2002/10/14 | 18:00:00 | 23.2 | 74.5 | 0.0 | 127 | 1.1 | 8 | 699 | 2002/10/18 | 18:00:00 | 24.1 | 89.2 | 0.0 | - | 4.1 |  |
| 604 | $2002 / 10 / 14$ | 19:00:00 | 21,2 | 88.5 | 0.0 | 36 | 0.4 | 0 | 700 | 2002/10/18 | 19:00:00 | 23.9 | 90.4 | 0.2 | 72 | 3.1 |  |
| 605 | 2002/10/14 | 20:00:00 | 21.0 | 91.8 | 0.0 | 75 | 0.7 | 0 | 701 | 2002/10/18 | 20:00:00 | 23.8 | 91.1 | 0.2 | 99 | 3.0 |  |
| 606. | 2002/10/14 | 21:00:00 | 20.9 | 93.8 | 0.0 | 46 | 0.4 | 0 | 702 | 2002/10/18 | 21:00:00 | 23.7 | 91.7 | 0.2 | 100 | 4.4 |  |
| 607 | 2002/10/14 | 22:00:00 | 20.3 | 95.3 | 0.0 | 344 | 0.6 |  | 703 | 2002/10/18 | 22:00:00 | 23.6 | 93.3 | 0.0 | 39 | 1.1 | 0 |
| 608 | 2002/10/14 | 23:00:00 | 20.0 | 96.7 | 0.0 | 141 | 0.4 | 0 | 704 | 2002/10/18 | 23:00:00 | 23.3 | 95.4 | 0.6 | 24 | 1.2 |  |
| 609. | 2002/10/15 | 00:00:00 | 19.9 | 96.5 | 0.0 | 34 | 0.4 | 0 | 705 | 2002/10/19 | 00:00:00 | 23.4 | 95.3 | 0.2 | 228 | 0.7 |  |
| 610 | 2002/10/15 | 01:00:00 | 19.8 | 96.8 | 0.0 | 345 | 0.9 |  | 706 | 2002/10/19. | 01:00:00 | 23.2 | 96.0 | 0.2 | 86 | 0.4 |  |
| 611 | 2002/10/15 | 02:00:00 | 20.0 | 96.8 | 0.01 | 353 | 0.0 |  | 707 | 2002110419 | 02:00:00 | 23.1 | 96.5 | 3.6 | 57 | 0.3 |  |
| 612 | 2002/10/15 | 03:00:00 | 20.1 | 96.8 | 0.0 | 337 | 0.2 | 0 | 708 | 2002/10/19 | 03:00:00 | 22.9 | 96.8 | 1.8 | 329 | 0.8 |  |
| 613 | $2002 / 10 / 15$ | 04:00:00 | 20. | 96.9 | 0.0 | 29 | 0.4 | 0 | 709 | 2002/10/19 | 04:00:00 | 22.9 | 96.8 | 2.2 | 146 | 0.8 |  |
| 614 | 2002/10/15 | 05:00:00 | 20.2 | 96.8 | 0.0 | 11 | 0.4 |  | 710 | 2002/10/19 | 05:00:00 | 22.6 | 96.6 | 4.4 | 110 | 0.3 |  |
| 815 | 2002710175 | 06:00:00 | 20.3 | 96.8 | 0.01 | 71 | 0.3. | 13 | 711 | 2002/10/19 | 06:00:00 | 22.2 | 97.0 | 7.8 | 79 | 0.8 |  |
| 616. | $2002 / 10 / 15$ | 07:00:00 | 21.0 | 95.5 | 0.0 | 16 | 0.8 | 102 | 712 | 2002/10/19 | 07:00:00 | 21.9 | 96.8 | 2.4 | 79 | 0.9 | 36 |
| 617 | 2002/10/15 | 08:00:00 | 22.2 | 93.6 | 0.0 | 64 | 1.9 | 175 | 713 | 2002/0/0/19 | 08:00:00 | 22.7 | 94.3 | 0.4 | 20 | 1.0 | 139 |
| 618 | 2002/10/15 | 09:00:00 | 24.6 | 88.4 | 0.2 | 355 | 1.3 | 372 | 714 | 2002101919 | 09:00:00 | 23. | 91.5 | 0.0 | 108 | 1.4 | 142 |
| 619 | 2002/10/15 | 10:00:00 | 24.8 | 82.3 | 0.0 | 101 | 3.9 | 327 | 715 | 2002/10/19 | 10:00:00 | 24. | 89.8 | 0.2 | 72 | 1.4 | 137 |
| 620 | 2002/10/15 | 11:00:00 | 25.0 | 84.0 | 0.2 | 22 | 2.2 | 268 | 716 | 2002/10/19 | 11:00:00 | 25.4 | 85.9 | 0.0 | 32 | 1.8 | 290 |
| 621 | 2002/10/15 | 12:00:00 | 24.9 | 83.6 | 0.0 | 26 | 3.0 | 187 | 717 | 2002/10/19 | 12:00:00 | 25.4 | 81.4 | 0.2 | 80 | 3.5 | 238 |
| 622 | 2002101015 | 13:00:00 | 24.6 | 85.7 | 0.2 | 8 | 2.6 | 176 | 718 | 2002/10/19 | 13:00:00 | 24.5 | 86.5 | 0.0 | 92 | 2.5 | 302 |
| 623 | 2002/10/15 | 14:00:00 | 25.0 | 86.5 | 0.4 | 61 | 3.6 | 205 | 719 | 2002/10/19 | 14:00:00 | 24.0 | 89.7 | 0.4 | 115 | 2.3 | 91 |
| 624 | 2002/10/15 | 15:00:00 | 24.1 | 90.5 | 0.6 | 336 | 1.3 | 165 | 720 | 2002/10/19 | 15:00:00 | 23.3 | 92.0 | 2.2 | 42 | 0.9 | 93 |
| 625 | 200214015 | 16:00:00 | 23.7 | 90.3 | 1.6 | 332 | 1.6 | 85 | 721 | 2002/1019 | 18:00:00 | 23.9 | 88.5 | 0.2 | 56 | 1.9 | 195 |
| 626 | 2002/10/15 | 17:00:00 | 23.1 | 93.7 | 3.4 | 305 | 0.7 | 35. | 722 | 2002/10/19 | 17:00:00 | 23.7 | 87.3 | 0.0 | 93 | 2.4 | - 65 |
| 627 | 2002/10/15 | 18:00:00 | 22.7 | 95.1 | 4.4 | 342 | 1.2 | 2 | 723 | 2002/10/19 | 18:00:00 | 23. | 90.1 | 0.0 | 98 | 1.4 | 5 |
| 628 | 2002/10/15 | 19:00:00 | 22,4 | 95.9 | 6.6 | 66 | 0.9 | 0 | 724 | 2002/10/19 | 19:00:00 | 23. | 87.1 | 0.0 | 109 | 2.4 |  |
| 629 | $2002 / 10 / 15$ | 20:00:00 | 22.3 | 96.3 | 3.0 | 89 | 0.7 | 0 | 725 | 2002/10/19 | 20:00:00 | 23.4 | 83.0 | 0,0 | 148 | 3.5 |  |
| 630 | 2002/10/15 | 21:00:00 | 22.2 | 96.6 | 2.8 | 85 | 0.5 | 0 | 726 | 2002/10/19 | 21:00:00 | 23.5 | 84.5 | 0.0 | 108 | 3.4 |  |
| 631 | 2002/10/15 | 22:00:00 | 22.1 | 96.8 | 3.6 | 116 | 0.6 | 0 | 727 | 2002/10/19 | 22:00:00 | 22.4 | 91.8 | 0.0 | 110 | 1.9 |  |
| 632 | $2002 / 10115$ | 23:00:00 | 22.0 | 96.7 | 4.4 | 121 | 0.9 |  | 728 | 200210/99 | 23:00:00 | 21.7 | 94,7 | 0.0 | 122 | 1.2 |  |
| 633 | $2002 / 10 / 16$ | 00:00:00 | 22.0 | 96.9 | 2.0 | 21 | 0.5 | - 0 | 729 | 2002/10/20 | 00:00:00 | 21.8 | 95.2 | 0.0 | 48 | 1.2 |  |
| 634 | 2002/10/16 | 01:00:00 | 22.0 | 97.0 | 0.0 | 65 | 0.8 | 0 | 730 | 2002/10/20 | 01:00:00 | 21.7 | 95.9 | 0.0 | 64 | 0.8 |  |
| 635 | 2002/10/16 | 02:00:00 | 22.0 | 96.9 | 0.2 | 360 | 0.9 | 0 | 731 | 2002/10120 | 02:00:00 | 21.7 | 96.3 | 1.2 | 310 | 0.9 |  |
| 636 | 2002/10/16 | 03:00:00 | 22.0 | 97.0 | 0.2 | 18 | 0.6 |  | 732 | 2002/10/20 | 03:00:00 | 21.5 | 95.9 | 1.4 | 17 | 1.7 |  |
| 637. | $2002 / 10 / 16$ | 04:00:00 | 21.9 | 96.9 | 0.0 | 126 | 1.1 | 0 | 733 | $2002 / 10 / 20$ | 04:00:00 | 21.6 | 94.2 | 0.2 |  | 3.2 |  |
| 638 | 2002/10/16 | 05:00:00 | 22.0 | 96.9 | 0.0 | 45 | 0.6 | - 0 | 734 | 2002/10/20 | 05:00:00 | 21.4 | 95.4 | 0.0 | 42 | 1.4 |  |
| 639 | 200271016 | 08:00:00 | 22.1 | 96.1 | 0.2 | 78 | 2.2 | - 5 | 735 | 2002210/20 | 06:00:00 | 21.2 | 95.6 | 0.2 | 85 | 1.1 |  |
| 640 | 20021016 | 07:00:00 | 22.5 | 92.9. | 0.0 | 28 | 1.0 | 18 | 736 | 2002/10/20 | 07:00:00 | 21.4 | 95.4 | 0.6 | 70 | 0.9 | 38 |
| 641 | 2002/10/16 | 08:00:00 | 22.3 | 93.0 | 1.0 | 31 | 2.8 | 86 | 737 | 2002/10/20 | 08:00:00 | 23.3 | 87.9 | 0.0 | 94 | 1.0 | 349 |
| 642 | 2002/10/16 | 09:00:00 | 22.4 | 93.1 | 0.6. | 34 | 1.4 | 413 | 738 | $2002 / 1020$ | 09:00:00 | 23.2 | 89.6 | 0.2 | 54 | 1.1 | 197 |
| 643 | 2002/10/16 | 10:00:00 | 22.7 | 91.9 | 1.0 | 54 | 2.4 | 165 | 739 | 2002/10/20 | 10:00:00 | 25.4 | 78.1 | 0.0 | 73 | 4.0 | 385 |
| 644 | 2002/10/16 | 11:00:00 | 22.7 | 91.9 | 1.0 | 65 | 3.9 | 250 | 740 | 2002/10/20 | 11:00:00 | 26.7 | 71.6 | 0.0 | 67 | 3.5 | 534 |
| 645 | 2002/10/16 | 12:00:00 | 23.1 | 91.4 | 0.6 | 61 | 3.9 | 298 | 741 | 2002/10/20 | 12:00:00 | 27.6 | 71.4 | 0.0 | 64 | 5.3 | 571 |
| 646 | $2002 / 10 / 16$ | 13:00:00 | 23.1 | 91.4 | 0.2 | 69 | 2.1 | 315 | 742 | $200210 / 20$ | 13:00:00 | 27.9 | 67.7 | 0.0 | 101 | 5.9 | 1052 |
| 647 | 2002/10/16 | 14:00:00 | 22.8 | 90.0 | 0.2 | 66 | 4.3 | 192 | 743 | 2002/10/20 | 14:00:00 | 28.8 | 62.5 | 0.0 | 55 | 5.1 | 667 |
| 648 | 2002/10/16 | 15:00:00 | 23.0 | 87.9 | 0.0 | 78 | 2.4 | 142 | 744 | 2002/0/20 | 15:00:00 | 28.6 | 67.1 | 0.0 | 107 | 4.2 | 434 |
| 649 | $202110 / 16$ | 16:00:03 | 22.5 | 91.8 | 0.0 | 76 | 3.0 | 144 | 745 | 2002/10/20 | 16:00:00 | 27.8 | 59.5 | 0.0 | 81 | 6.0 | 474 |
| 650 | 2002/10/16 | 17:00:00 | 21.9 | 92.1 | 0.0 | 59 | 2.4 | 41 | 746 | 2002/10/20 | 17:00:00 | 27.1 | 64.7 | 0.0 | 67 | 4.6 | 82 |
| 651 | $2002 / 10 / 16$ | 18:00:00 | 21.8 | 93.3 | 0.0 | 152 | 0.5 | 2 | 747 | 2002/10/20 | 18:00:00 | 24.6 | 77.3 | 0.0 | 112 | 2.7 | 11 |
| 652 | 2002/10/16 | 19:00:00 | 21.3 | 95.1 | 0.0 | 59 | 1.0 | 0 | 748 | 2002/10/20 | 19:00:00 | 22.5 | 91.2 | 0.0 | 69 | 1.0 |  |
| 653 | 2002/10/16 | 20:00:00 | 21.3 | 95.7 | 0.2 | 115 | 0.5 | 0 | 749 | 2002/10/20 | 20:00:00 | 21.9 | 93.8 | 0.0 | 79 | 0.4 |  |
| 654 | 2002/10/16 | 21:00:00 | 21.3 | 95.9 | 0.0 | 78 | 1.0 | 0 | 750 | 2002/10/20 | 21:00:00 | 22.0 | 94.1 | 0.0 | 107 | 1.2 |  |
| 655 | $2002 / 1016$ | 22:00:00 | 21.1 | 96.4 | 0.01 | 101 | 1.5 | --0 | 751 | 2002/80/20 | 22:00:00 | 21.6 | 95.0 | 0.0 | 56 | 0.9 |  |
| 656 | 2002/10/16 | 23:00:00 | 21.0 | 96.4 | 0.4 | 130 | 0.9 |  | 752 | 2002/10/20 | 23:00:00 | 21.7 | 94.8 | 0.0 | 97 | 0.5 |  |
| 657 | 2002/10/17 | 00:00:00 | 21.1 | 96.5 | 0.0 | 83 | 0.8 | - 0 | 753 | 2002/10/21 | 00:00:00 | 21,3 | 94.6 | 0.0 | 61 | 1.2 |  |
| 658 | $2002 / 1017$ | 01:00:00 | 21.1 | 96.8 | 0.0 | 77 | 0.7 | 0 | 754 | 2002/10/21 | 01:00:00 | 21.0 | 95.8 | 0.0 | 76 | 1.1 |  |
| 659 | 2002/10/17 | 02:00:00 | 21.1 | 96.9 | 0.8 | 71 | 0.4 | 0 | 755 | $2002 / 10 / 21$ | 02:00:00 | 20.9 | 36.0 | 0. | 95 | 0.9 | --0 |
| 660 | 2002/40/17 | 03:00:00 | 21.0 | 96.9 | 0.0 | 97 | 0.8 |  | 756 | 2002/10/21 | 03:00:00 | 20.7 | 96.2 | 0.0 | 120 | 0.8 |  |
| 661 | 2002/10/17 | 04:00:00 | 21.3 | 97.1 | 0.8 | 97 | 1.2 | - 0 | 757 | 2002/10/21 | 04:00:00 | 20.2 | 96.5 | 0.0 | 90 | 0.6 |  |
| 662 | 2002/10/17 | 05:00:00 | 21.4 | 95.2 | 0.2 | 250 | 0.7 | 0 | 758 | 2002/10/21 | 05:00:00 | 20.1 | 96.7 | 0.0 | 62 | 0.7 |  |
| 663 | 2002/10/17 | 06:00:00 | 21.5 | 96.2 | 0.4 | 15 | 0.5 | 26 | 759 | 2002/10/21 | 06:00:00 | 20.2 | 96.8 | 0.0 | 54 | 0.6 | 28 |
| 664 | 2002/10/17 | 07:00:00 | 22.6 | 91.3 | 0.0 | 57 | 2.9 | 85 | 760 | 2002/10/21 | 07:00:00 | 21.6 | 93.1 | 0.0 | 69 | 1.6 | 130 |
| 665 | 2002/10/17 | 08:00:00 | 24.2 | 82.5 | 0.0 | 79 | 4.3 | 220 | 761 | 2002/10/21 | 08:00:00 | 24.0 | 77.8 | 0.0 | 73 | 4.7 | 302 |
| 666 | 2002/10/17 | 09:00:00 | 24.9 | 81.6 | 0.0 | 81 | 4.3 | 346 | 762 | 200210/29 | 09:00:00 | 26.3 | 66.2 | 0.0 | 104 | 5.6 | 784 |
| 667 | 2002/10117 | 10:00:00 | 26.5 | 67.8 | 0.0 | 79 | 7.3 | 798 | 763 | 2002/10/21 | 10:00:00 | 26.6 | 62.6 | 0.0 | 93 | 5.8 | 517 |
| 668 | $2002 / 10 / 17$ | 11:00:00 | 26.8 | 67.1 | 0.0 | 79 | 6.8 | 828 | 764 | 2002/10/21 | 11:00:00 | 27.3 | 64.0 | 0.0 | 88 | 5.3 | 564 |
| 669 | 2002/10/17 | 12:00:00 | 26.7 | 71.0 | 0.0 | 81 | 5.0 | 214 | 765 | 2002/10/21 | 12:00:00 | 26.8 | 65.1 | 0.0 | 97 | 4.4 | 3 $\frac{1}{} 8$ |
| 670 | 2002/10/17 | 13:00:00 | 26.8 | 70.2 | 0.0 | 84 | 5.2 | 370 | 766 | 2002/10/21 | 13:00:00 | 26.3 | 68.7 | 0.0 | 93 | 4.2 | 398 |
| 674 | 2002/10/17 | 14:00:00 | 27.1 | 72.1 | 0.0 | 58 | 3.9 | 312 | 767 | 2002/10/21 | 14:00:00 | 25.9 | 70.6 | 0.0 | 85 | 4.4 | 27 |
| 672 | 2002/10/171 | 15:00:00 | 26.5 | 75.2 | 0.0 | 60 | 2.7 | 312 | 768 | 2002/10/21 | 15:00:00 | 25.4 | 68.7 | 0.0 | 113 | 3.7 | 21 |

APPENDIX 3 Weather observation data in Namosi area (7)

| No. | Date | Time |  | $\begin{aligned} & \text { 근 } \\ & \frac{1}{5} \\ & \frac{5}{2} \end{aligned}$ |  | O 0 0. 0 0 $\mathbf{C}$ |  |  | No. | Date | Time |  | $\begin{aligned} & \frac{2}{訁} \\ & \frac{\rightharpoonup}{E} \\ & \frac{1}{1} \end{aligned}$ |  |  |  | 宕 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | myymmidd | hin:mun:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degres | m/s | KW/m2 |  | ywy mmidd | nh:miniss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | miv | kW/m2 |
| 769 | 2002/10/21 | 16:00:00 | 24.9 | 73.5 | 0.0 | 114 | 3.4 | 96 | 865 | 2002/10/25 | 16:00:00 | 27.6 | 61.6 | 0.0 | 274 | 6.4 | 230 |
| 770 | 2002/10/21 | 17:00:00 | 24.5 | 75.8 | 0.0 | 109 | 3.4 | 65 | 866 | 2002/10/25 | 17:00:00 | 26. | 68. | 0.0 | 251 | 5.7 | 89 |
| 771 | 2002/10/21 | 18:00:00 | 23.4 | 88.5 | 0.0 | 60 | 1.2 |  | 867 | 2002/10/25 | 18:00:00 | 25.2 | 72. | 0.0 | 243 | 4.0 |  |
| 772 | 2002/40/21 | 19:00:00 | 22.6 | 92.2 | 0.0 | 55 | 0.7 | 0 | 868 | 2002/10/25 | 19:00:00 | 24.3 | 73.2 | 0.0 | 263 | 3.6 |  |
| 773 | $2002110 / 21$ | 20:00:00 | 22.2 | 94.2 | 0.0 | 99 | 0.6 | 0 | 863 | $2002 / 1025$ | 20:00:00 | 22.2 | 88.2 | 0.0 | 91 | 0.7 |  |
| 774 | 2002/10/21 | 21:00:00 | 22.0 | 95.0 | 0.0 | 74 | 0.6 | 0 | 870 | 2002/10/25 | 21:00:00 | 21.7 | 91.4 | 0.0 | 259 | 0.9 | , |
| 775 | 2002/10/21 | 22:00:00 | 21.8 | 95.5 | 0.0 | 121 | 0.7 | 0 | 871 | 2002/10/25 | 22:00:00 | 22. | 91.3 | 0.0 | 34 | 1.1 | 0 |
| 776 | 2002/10/21 | 23:00:00 | 21.8 | 96.2 | 0.0 | 39 | 0.8 | 0 | 872 | 2002/10/25 | 23:00:00 | 22.3 | 92.4 | 0.0 | 279 | 0.7 | 0 |
| 777 | 2002/10/22 | 00:00:00 | 21.7 | 96.0 | 0.0 | 30 | 0.7 | 0 | 873 | 2002/10/26 | 00:00:00 | 22.0 | 93.8 | 0.0 | 66 | 0.6 |  |
| 778 | 2002/10/22 | 01:00:00 | 21.8 | 96.1 | 0.2 | 116 | 0.5 | c | 874 | 2002/10/26 | 01:00:00 | 22.1 | 92.0 | 0.0 | 276 | 0.5 |  |
| 779 | 2002/10/22 | 02:00:00 | 21.7 | 96.3 | 0.0 | 91 | 0.7 | 0 | 875 | 2002/10/26 | 02:00:00 | 21.8 | 93.0 | 0.0 | 265 | 0.7 | 0 |
| 780 | 2002/10/22 | 03:00:00 | 21.8 | 96.5 | 0.0 | 40 | 0.6 | 0 | 876 | 2002/10/26 | 03:00:00 | 21.6 | 91.9 | 0.0 | 238 | 1.1 | 0 |
| 781 | 2002/10/22 | 04:00:00 | 21.8 | 96.5 | 0.0 | 87 | 0.7 | 0 | 877 | 2002/10/26 | 04:00:00 | 21.3 | 94.4 | 0.0 | 186 | 0.7 |  |
| 782 | 2002/40122 | 05:00:00 | 21.7 | 96.5 | 0.0 | 33 | 0.5 | 0 | 878 | 2002/10/26 | 05:00:00 | 20.5 | 95.9 | 0.0 | 194 | 0.9 |  |
| 783 | 2002/10/22 | 06:00:00 | 21.9. | 96.3 | 0.0 | 42. | 1.8 | 13 | 879 | 2002/10/26 | 06:00:00 | 19.9 | 96.0 | 0.0 | 70 | 0.7 | 25 |
| 784 | $2002 / 10 / 22$ | 07:00:00 | 23.2 | 89.6 | 0.0 | 89 | 4.2 | 119 | 880 | 2002/10/26 | 07:00:00 | 22.7 | 85.0 | 0.0 | 298 | 0.6 | 342 |
| 785 | $2002 / 10 / 22$ | 08:00:00 | 24.0 | 83.7 | 0.01 | 114 | 4.7 | 184 | 881 | 2002/10/26 | 08:00:00 | 24.9 | 66.7 | 0.0 | 28 | 3.1 | 696 |
| 786 | 2002/10/22 | 09:00:00 | 25.1 | 78.8 | 0.0 | 111 | 6.3 | 268 | 882 | 2002/10/26 | 09:00:00 | 25.5 | 64.3 | 0.0 | 253 | 3.2 | 418 |
| 787 | 2002/10/22 | 10:00:00 | 25.2 | 76.3 | 0.0 | 49 | 4.4 | 187 | 883 | 2002/10/26 | 10:00:00 | 27.0 | 59.4 | 0.0 | 45 | 2.5 | 428 |
| 788 | 2002/10/22 | 11:00:00 | 26.5 | 73.3 | 0.0 | 105 | 5.7 | 503 | 884 | 2002/10/26 | 11:00:00 | 28.4 | 53.7 | 0.0 | 3 | 2.7 | 1055 |
| 789 | 2002/10/22 | 12:00:00 | 26.2 | 74.1 | 0.0 | 77 | 2.7 | 483 | 885 | 2002/10/26 | 12:00:00 | 29.3 | 58.3 | 0.0 | 19 | 2.6 | 1045 |
| 790 | 2002/10/22 | 13:00:00 | 25.9 | 75.2 | 0.0 | 91 | 4.1 | 130 | 886 | 2002/10/26 | 13:00:00 | 29.7 | 49.8 | 0.0 | 7 | 5.0 | 1001 |
| 791 | 2002/10/22 | 14:00:00 | 26.0 | 74.8 | 0.0 | 102 | 5.7 | 154 | 887 | 2002/10/26 | 14:00:00 | 29.8 | 53.5 | 0.0 | 98 | 4.4 | 871 |
| 792 | 2002/10/22 | 15:00:00 | 26.2 | 78.6 | 0.0 | 103 | 3.9 | 202 | 888 | 2002/10/26 | 15:00:00 | 27.1 | 61.8 | 0.0 | 119 | 7.3 | 147 |
| 793 | 2002/40/22 | 16:00:00 | 26.2 | 76.1 | 0.0 | 109 | 4.9 | 99 | 889 | 2002/10/26 | 16:00:00 | 25.7 | 66.1 | 0.0 | 130 | 4.6 | 113 |
| 794 | 2002/10/22 | 17:00:00 | 24.4 | 84.0 | 0.0 | 114 | 7.3 | 27 | 890 | 2002/10/26 | 17:00:00 | 24.8 | 69.1 | 0.0 | 10 | 3.9 | 127 |
| 795 | 2002/10/22 | 18:00:00 | 24.2 | 85.2 | 0.0 | 125 | 5.6 |  | 891 | 2002/10/26 | 18:00:00 | 23.5 | 75.2 | 0.0 | 14 | 2.9 | 10 |
| 796 | 2002/10/22 | 19:00:00 | 23.8 | 88.9 | 0.0 | 115 | 6.0 |  | 892 | 2002/10/26 | 19:00:00 | 23.0 | 79.1 | 0.0 | 129 | 1.7 |  |
| 797 | 2002/10/22 | 20:00:00 | 24.3 | 80.9 | 0.0 | 94 | 6.1 | 0 | 893 | 2002/10/26 | 20:00:00 | 22.2 | 83.6 | 0.0 | 53 | 1.4 |  |
| 798 | 2002/10/22 | 21:00:00 | 23.5 | 89.5 | 0.0 | 138 | 2.1 | 0 | 894 | 2002/10/26 | 21:00:00 | 20.6 | 92.6 | 0.0 | 235 | 0.7 |  |
| 799 | 2002110722 | 22:00:00 | 23.4 | 88.2 | 0.0 | 273 | 1.6 |  | 895 | 2002/10/2 | 22:00:00 | 20.2 | 94.5 | 0.0 | 26 | 0.5 |  |
| 800 | 2002/10/22 | 23:00:00 | 22.7 | 93.2 | 0.0 | 338 | 1.3 |  | 896 | 2002/10/26 | 23:00:00 | 19.6 | 95.1 | 0.0 | 132 | 0.4 | 0 |
| 801 | 2002/10/23 | 00:00:00 | 22.8 | 93.2 | 2.8 | 79 | 4.5 | 0 | 897 | 2002/10/27 | 00:00:00 | 19.2 | 96.4 | 0.0 | 159 | 0.6 | 0 |
| 802 | 2002/10/23 | 01:00:00 | 22.8 | 93.8 | 2.2 | 92 | 2.6 | 0 | 898 | 2002/10/27 | 01:00:00 | 19.1 | 97.0 | 0.0 | 27 | 0.3 | 0 |
| 803 | 2002/10/23 | 02:00:00 | 23.3 | 90.5 | 0.2 | 68 | 4.6 | 0 | 899 | 2002/10/27 | 02:00:00 | -18.8 | 97.1 | 0.0 | 139 | 0.6 | 0 |
| 804 | 2002110/23 | 03:00:00 | 24.2 | 86.1 | 0.0 | 77 | 6.0 | 0 | 900 | 2002/10/27 | 03:00:00 | 18.5 | 97,3 | 0.01 | 147 | 0.5 |  |
| 805 | 2002/10/23 | 04:00:00 | 24.8 . | 82.4 | 0.0 | 90 | 6.4 |  | 901 | 2002/10/27 | 04:00:00 | 18.4 | 97.6 | 0.0 | 14 | 1.0 |  |
| 806 | 2002/10/23 | 05:00:00 | 24.9 | 80.8 | 0.0 | 88 | 6.4 | 0 | 902 | 2002/10/27 | 05:00:00 | 18.5 | 97.6 | 0.0 | 64 | 0.5 | 0 |
| 807 | 2002/10/23 | 06:00:00 | 25.5 | 78.4 | 0.0 | 81 | 6.5 | 24 | 903 | 2002/10/27 | 06:00:00 | 18.4 | 97.7 | 0.0 | 25 | 0.4 | 27 |
| 808 | 2002/10123 | 07:00:00 | 25.9 | 77.8 | 0.0 | 83 | 7.8 | 96 | 904 | 2002110/27 | 07:00:00 | 19.3 | 97.7 | 0.0 | 23 | 0.5 | 91 |
| 809 | $2002410 / 23$ | 08:00:00 | 27.9 | 67.7 | 0.0 | 76 | 3.9 | 250 | 905 | 200240127 | 08:00:00 | 21.3 | 90.1 | 0.0 | 51 | 1.5 | 142 |
| 810 | 2002/10/23 | 09:00:00 | 27.5 | 74.7 | 0.0 | 93 | 4.1 | 286 | 906 | 2002/10/27 | 09:00:00 | 26.1 | 68.4 | 0.0 | 63 | 6.1 | 929 |
| 811 | 2002/10/23 | 10:00:00 | 28.2 | 74.9 | 0.0 | 111 | 5.5 | 399 | 907 | 2002/10/27 | 10:00:00 | 26.7 | 65.3 | 0.0 | 88 | 4.7 | 787 |
| 812 | 2002/10/23 | 11:00:00 | 29.1 | 68.3 | 0.0 | 77. | 2.6 | 668 | 908 | 2002/40/27 | 11:00:00 | 28.0 | 52.3 | 0.0 | 82 | 4.6 | 1123 |
| 813 | 2002/10/23 | 12:00:00 | 30.9 | 55.4 | 0.0 | 18 | 4.4 | 985 | 909 | 2002/10/27 | 12:00:00 | 28.4 | 52.9 | 0.0 | 56 | 5.3 | 508 |
| 814 | 2002/10/23 | 13:00:00 | 31.3 | 54.8 | 0.0 | 320 | 4.9 | 871 | 910 | 2032/10327 | 13:00:03 | 27.3 | 57.3 | 0.0 | 83 | 7.0 | 1206 |
| 815 | 2002/10/23 | 14:00:00 | 30.8 | 57.2 | 0.0 | 48 | 5.5 | 1030 | 911 | 2002/10/27 | 14:00:00 | 27.9 | 58.0 | 0.0 | 77 | 5.4 | 289 |
| 816 | 2002/10/23 | 15:00:00 | 31.4 | 65.7 | 0.0 | 70 | 5.1 | 704 | 912 | 2002/10/27 | 15:00:00 | 27.4 | 59.9 | 0.0 | 123 | 4.2 |  |
| 817 | 2002/10/23 | 16:00:00 | 29,6 | 61.8 | 0.0 | 88 | 3.9 | 188 | 913 | 2002/10/27 | 16:00:00 | 25.7 | 65.8 | 0.0 | 86 | 6.7 | 120 |
| 818 | 2002/10/23 | 17:00:00 | 27.9 | 69.9 | 0.0 | 114 | 5.5 | 110 | 914 | 2002/10/27 | 17:00:00 | 25.2 | 67.5 | 0.0 | 83 | 4.2 | 74 |
| 819 | 2002/10/23 | 18:00:00 | 26.4 | 80.5 ! | 0.0 | 81 | 2.4 |  | 915 | 2002/10/27 | 18:00:00 | 23.8 | 71.1 | 0.0 | 132 | 2.5 |  |
| 820 | 2002/10/23 | 19:00:00 | 25.0 | 88.0 | 0.0 | 233 | 1.1 |  | 916 | 2002/10/27 | 19:00:00 | 21.3 | 85.9 | 0.0 | 112 | 0.8 | 0 |
| 821 | 2002/10/23 | 20:00:00 | 24.4 | 90.8 | 0.0 | 128 | 1.2 |  | 917 | 2002/10/27 | 20:00:00 | 20.8 | 90.5 | 0.0 | 272 | 0.5 | 0 |
| 822 | 2002/10/23 | 21:00:00 | 23.9 | 93.0 | 0.0 | 235 | 0.8 |  | 918 | 2002/10/27 | 21:00:00 | 20.8 | 92.0 | 0.0 | 92 | 0.7 |  |
| 823 | 2002/10/23 | 22:00:00 | 23.9 | 94.5 | 0.0 | 305 | 1.5 |  | 919 | 2002/10/27 | 22:00:00 | 20.9 | 92.5 | 0.0 | 121 | 0.4 |  |
| 824 | 2002/10/23 | 23:00:00 | 23.7 | 94.8 | 0.0 | 61 | 1.1 |  | 920 | 2002/10/27 | 23:00:00 | 20.7 | 94.1 | 0.0 | 337 | 0.5 | 0 |
| 825 | 2002/10/24 | 00:00:00 | 23.8 | 94.6 | 0.0 | 267 | 1.2 |  | 921 | 2002/10/28 | 00:00:00 | 19.6 | 95. | 0.0 | 15 | 0.3 |  |
| 826 | 2002/10/24 | 01:00:00 | 23.5 | 95.3 | 0.0 | 12 | 0.8 |  | 922 | 2002/00/28 | 01:00:00 | 18.8 | 96.0 | 0.0 | 8 | 0.2 | 0 |
| 827 | 2002/10/24 | 02:00:00 | 23.2 | 95.7 | 0.0 | 122 | 1.1 |  | 923 | 2002/10/28 | 02:00:00 | 18.7 | 96.8 | 0.0 | 31 | 0.5 |  |
| 828 | 2002/0/24 | 03:00:00 | 23.4 | 96.1 | 0.0 | 51 | 0.9 |  | 924 | 2002/10/28 | 03:00:00 | 18.6 | 97.1 | 0.0 | 114 | 0.4 |  |
| 829 | 2002/10/24 | 04:00:00 | 23.0 | 96.2 | 0.0 | 102 | 0.9 |  | 925 | 2002/10/28 | 04:00:00 | 18.1 | 97.3 | 0.0 | 128 | 1.0 | -- 0 |
| 830 | 2002/10/24 | 05:00:00 | 22.7 | 96.6 | 0.0 | 201 | 0.7 |  | 926 | 2002/10/28 | 05:00:00 | 18.1 | 97.4 | 0.0 | 74 | 0.5 |  |
| 831 | 2002/10/24 | 06:00:00 | 22.5 | 96.8 | 0.0 | 71 | 1.7 | 29 | 927 | 2002/10/28 | 06:00:00 | 18.0 | 97.6 | 0.0 | 67 | 0.4 | 24 |
| 832 | 2002/10/24 | 07:00:00 | 23.1 | 96.7 | 0.0 | 125 | 0.6 | 107 | 928 | 2002/10/28 | 07:00:00 | 18.8 | 97.3 | 0.0 | 41 | 0.5 | 87 |
| 833. | 2002/10/24 | 08:00:00 | 25.3 | 82.0 | 0.0 | 229 | 1.7 | 153 | 929 | 2002/10/28 | 08:00:00 | 23.4 | 77.7 | 0.0 | 30 | 2.0 | 558 |
| 834 | 2002/10/24 | 09:00:00 | 26.9 | 71.6 | 0.0 | 2371 | 6.4 | 254 | 930 | 2002/10/28 | 09:00:00 | 25.3 | 65.3 | 0.0 | 93 | 5.7 | 1068 |
| 835 | 200219024 | 10:00:00 | 29.3 | 65.3 | 0.0 | 232 | 6.3) | 1074 | 931 | 2002/10/28 | 10:00:00 | 25.2 | 62.6 | 0.0 | 104 | 5.7 | 358 |
| 836 | 2002/10/24 | 11:00:00 | 30.7 | 57.4 | 0.01 | 261 | 5.8 | 342 | 932 | 2002/10/28 | 11:00:00 | 27.9 | 61.6 | 0.0 | 113 | 5.3 | 1158 |
| 837 | 2002/10/24 | 12:00:00 | 31.9 | 51.1 | 0.0 | 230 | 6.2 | 1121 | 933 | 2002/10/28 | 12:00:00 | 29.0 | 52.6 | 0.0 | 96 | 5.8 | 1065 |
| 838 | 2002/10/24 | 13:00:00 | 32.3 | 51.0 | 0.0 | 40 | 4.1 | 1012 | 934 | 2002/10/28 | 13:00:00 | 29.5 | 52.0 | 0.0 | 109 | 4.7 | 473 |
| 8391 | 2002/10/24 | 14:00:00 | 33.6. | 44.6. | 0.0 | 279 | 7.0 | 871 | 935 | 2002/10/28 | 14:00:00 | 29.0 | 55.4 | 0.0 | 109 | 6.1 | 330 |
| 840 | 2002/10/24 | 15:00:00 | 30.6 | 64.1 | 0.0 | 256 | 7.1 | 743 | 936 | 200279018 | 15:00:00 | 27.9 | 64.0 | 0.0 | 117 | 5.1 | 232 |
| 841 | 2002/10/24 | 16:00:00 | 28.6 | 69.8 | 0.0 | 250 | 5.8 | 362 | 937 | 2002/10/28 | 16:00:00 | 26.7 | -69.7 | 0.0 | 98 | 3.1 | 59 |
| 842 | 2002/10/24 | 17:00:00 | 26.5 | 76.3 | 0.0 | 262 | 6.2 | 129 | 938 | 2002/10/28 | 17:00:00 | 25.2 | 75.6 | 0.0 | 66 | 2.0 | 34 |
| 843 | 2002/10/24 | 18:00:00 | 25.4 | 79.9 | 0.0 | 261 | 4.1 |  | 939 | 2002/10/28 | 18:00:00 | 24.2 | 81.0 | 0.0 | 106 | 0.9 | 2 |
| 844 | 2002/10/24 | 19:00:00 | 24.1 | 85.6 | 0.0 | 289 | 1.8 |  | 940 | 2002/10/28 | 19:00:00 | 23.5 | 86.8 | 0.0 | 117 | 0.7 |  |
| 845 | 2002/10124 | 20:00:00 | 23.7 | 85.8. | 0.0 | 290 | 4.3 |  | 941 | 2002/10/28 | 20:00:00 | 23.1 | 90.9 | 0.0 | 24 | 0.8 |  |
| 846 | 2002/10/24 | 21:00:00 | 23.4 | 85.7 | 0.0 | 264 | 2.7 |  | 942 | 2002/10/28 | 21:00:00 | 22.8 | 92.6 | 0.0 | 58 | 1.1 |  |
| 847 | 2002/10/24 | 22:00:00 | 23.2 | 85.9 | 0.0 | 332 | 1.2 |  | 943 | 2002/40/28 | 22:00:00 | 22.7 | 93.1 | 0.0 | 102 | 1.0 |  |
| 848 | 2002/0/24 | 23:00:00 | 22.8 | 88.6 | 0.0 | 253 | 3.0 |  | 944 | 2002/10/28 | 23:00:00 | 22.6 | 93.7 | 0.0 | 77 | 0.9 |  |
| 849 | 2002/10/25 | 00:00:00 | 22.4 | 92.8 | 0.0 | 327 | 0.7 |  | 945 | 2002/10/29 | 00:00:00 | 22.6 | 93.8 | 0.0 | 16 | 0.5 |  |
| 850 | $2002 / 10125$ | 01:00:00 | 21.3 | 95.0 | 0.0 | 74 | 0.8 |  | 946 | 2002/1029 | 01:00:00 | 22.5 | 94.3 | 0.0 | 76 | 0.4 |  |
| 851 | 2002/10/25 | 02:00:00 | 21.3. | 95.9 | 0.0 | 309 | 0.7 |  | 947 | 2002/10/29 | 02:00:00 | 21.7 | 95.5 | 0.0 | 75 | 0.7 |  |
| 852 | 2002/10/25 | 03:00:00 | 21.0 | 96.1 | 0.0 | 24. | 1.3 | 0 | 948 | 2002/10/29 | 03:00:00 | 29.4 | 96.2 | 0.0 | 130 | 0.6 |  |
| 853 | 2002/10/25 | 04:00:00 | 20.9 | 96.5 | 0.0 | 13 | 1.1 |  | 949 | 2002/10/29 | 04:00:00 | 21.3 | 96.4 | 0.0 | 58 | 1.1 | --0 |
| 854 | 2002/10/25 | 05:00:00 | 20.3 | 96.7 | 0.0 | 87 | 0.9 |  | 950 | 2002/10/29 | 05:00:00 | 21.3 | 96.5 | 0.0 | 43 | 0.9 |  |
| 855 | 2002/40/25 | 06:00:00 | 20.1 | 96.7 | 0.0 | 59 | 0.9 | 21 | 951 | 2002110/29 | 06:00:00 | 21.1 | 96.9 | 0.0 | 129 | 1.0 | 31 |
| 856 | 2002/10/25 | 07:00:00 | 22.5 | 91.3 | 0.0 | 66 | 1.0 | 296 | 952 | 2002/10/29 | 07:00:00 | 22.5 | 94.5 | 0.0 | 63 | 1.5 | 290 |
| 857 | 2002/10/25 | 08:00:00 | 25.8 | 68.3 | 0.0 | 255 | 4.4 | 654 | 953 | 2002/10/29 | 08:00:00 | 26.4 | 75.3 | 0.0 | 93 | 1.4 | 518 |
| 858 | 2002/10/25 | 09:00:00 | 26.9 | 64.4 | 0.0 | 249 | 4.0 | 839 | 954 | 2002/10/29 | 09:00:00 | 28.3 | 69.3 | 0.0 | 86 | 3.7 | 78 |
| 859 | 2002/10/25 | 10:00:00 | 27.5 | 57.8. | 0.0 | 271 | 5.1 | 299 | 955 | 2002/10/29 | 10:00:00 | 29.8 | 63.1 | 0.0 | 99 | 4.5 | 542 |
| 860 | 2002/10/25 | 11:00:00 | 29.0 | 54.9 | 0.0 | 264 | 4.7 | 408 | 956 | 2002/10/29 | 11:00:00 | 29.6 | 61.9 | 0.0 | 108 | 6.9 | 366 |
| 861 | 2002/10/25 | 12:00:00 | 29.3 | 52.4 | 0.0 | 260 | 6.5 | 480 | 957 | 2002/10/29 | 12:00:00 | 30.6 | 60.8 | 0.0 | 94 | 3.7 | 386 |
| 862 | 2002/10/25 | 13:00:00 | 30.7 | 55.1 | 0.0 | 268 | 5.7 | 961 | 958 | 2002/10/29 | 13:00:00 | 30.1 | 62.0 | 0.0 | 113 | 6.7 | 252 |
| 863 | 2002/10/25 | 14:00:00 | 30.0 | 57.3 | 0.0 | 282 | 6.6 | 934 | 959 | 2002/10/29 | 14:00:00 | 31.2 | 60.4 | 0.0 | 112 | 3.6 | 531 |
| 864 | 2002/10/25 | 15:00:00 | 29.7 | 60.3 | 0.0 | 264 | 4.5 | 217 | 960 | 2002/10/29 | 15:00:00 | 30.2 | 62.8 | 0.01 | 107 | 2.5 | 182 |


| No． | Date | Time |  | $\begin{aligned} & \text { 言 } \\ & \text { 毕 } \\ & \text { In } \end{aligned}$ |  |  | $\begin{aligned} & \text { 带 } \\ & \frac{4}{n} \\ & \frac{2}{5} \\ & 3 \end{aligned}$ |  | No． | Date | Time |  | $\begin{aligned} & \text { 言 } \\ & \text { Enㅗ } \end{aligned}$ |  |  | $\begin{aligned} & \text { D. } \\ & \text { D } \\ & \stackrel{0}{0} \\ & 0 \\ & \frac{c}{3} \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | sypyiminidd | hi：mm：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | kW／m2 |  | yeyemmidd | hh：mm：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | mis | $\mathrm{kWim}^{2}$ |
| 961 | 2002／10／29 | 16：00：00 | 25.7 | 91.7 | 8.0 | 296 | 3.8 | 110 | 1057 | 2002／11／2 | 16：00：00 | 25.1 | 82.1 | 0.0 | 68 | 4.9 | 185 |
| 962 | 2002／10／29 | 17：00：00 | 25.9 | 89.9 | 0.0 | 270 | 2.7 | 45 | 1058 | 2002／11／2 | 17：00：00 | 24.7 | 84.0 | 0.0 | 64 | 2.8 | 95 |
| 963 | 2002／10／29 | 18：00：00 | 25.3 | 90.7 | 0.0 | 247 | 2.3 | 5 | 1059 | 2002／11／2 | 18：00：00 | 24.4 | 84.9 | 0.0 | 64 | 2.1 | 10 |
| 964 | 2002／10／29 | 19：00：00 | 24.9 | 90.1 | 0.0 | 319 | 2.2 | 0 | 1060 | 2002／11／2 | 19：00：00 | 23.8 | 87.9 | 0.0 | 89 | 2.1 |  |
| 965 | 2002／10／29 | 20：00：00 | 24.1 | 92.8 | 0.0 | 129 | 0.8 | 0 | 1061 | 2002／11／2 | 20：00：00 | 23.7 | 90.3 | 0.0 | 21 | 1.5 |  |
| 966 | 2002／10／29 | 21：00：00 | 23.9 | 94．6 | 0.0 | 43 | 1.2 | 0 | 1062 | 2002／11／2 | 21：00：00 | 23.3 | 92.9 | 0.0 | 77 | 0.7 |  |
| 967 | 2002／10／29 | 22：00：00 | 23.2 | 95.2 | 0.0 | 264 | 1.1 | 0 | 1063 | 2002／11／2 | 22：00：00 | 23.1 | 94.7 | 0.0 | 71 | 0.6 | 0 |
| 968 | 2002／10／29 | 23：00：00 | 22.5 | 95.8 | 0.0 | 230 | 0.7 | 0 | 1064 | 2002／11／2 | 23：00：00 | 22.8 | 95.8 | 0.0 | 36 | 0.3 |  |
| 969 | 2002／10／30 | 00：00：00 | 21.9 | 96.6 | 0.0 | 327 | 0.5 |  | 1065 | 2002／11／3 | 00：00：00 | 22.7 | 96.2 | 0.2 | 31 | 0.4 |  |
| 970 | 2002／10／30 | 01：00：00 | 21.4 | 96.9 | 0.0 | 31 | 0.9 |  | 1066 | 2002／1／3 | 01：00：00 | 22.8 | 96.1 | 0.0 | 34 | 0.1 |  |
| 971 | $2002 / 10 / 30$ | 02：00：00 | 21.0 | 97.2 | 0.0 | 14 | 0.5 | 0 | 1067 | 2002／1／3 | 02：00：00 | 22．8 | 96.2 | 0.0 | 58 | 0.6 |  |
| 972 | 2002／10／30 | 03：00：00 | 21.1 | 97.4 | 0.0 | 38 | 0.3 | 0 | 1068 | 20021／1／3 | 03：00：00 | 22.7 | 96.4 | 0.4 | 38 | 0.3 |  |
| 973 | 2002／10／30 | 04：00：00 | 21.4 | 97.3 | 0.0 | 298 | 0.5 | 0 | 1069 | 2002／11／3 | 04：00：00 | 22.6 | 96.6 | 1.0 | 73 | 0.1 | 0 |
| 974 | 2002／10／30 | 05：00：00 | 24.3 | 97.4 | 0.0 | 10 | 0.9 |  | 1070 | 2002／11／3 | 05：00：00 | 22.7 | 96.7 | 3.2 | 29 | 0.0 |  |
| 975 | 2002／10／30 | 06：00：00 | 21.3 | 97．5． | 0.0 | 327 | 1.0 | 18 | 1071 | 2002／113 | 06：00：00 | 22.7 | 96．8 | 1.0 | 27 | 0.7 | 14 |
| 976 | 2002／10／30 | 07：00：00 | 21.5 | 97.3 | 0.0 | 323 | 1.5 | 125 | 1072 | 2002／11／3 | 07：00：00 | 23.3 | 95.5 | 0.2 | 256 | 1.2 | 174 |
| 977 | $2002 / 10130$ | 08：00：00 | 25.2 | 84.4 | 0.0 | 345 | 2.1 | 490 | 1073 | 2002／11／3 | 08：00：00 | 25.7 | 84．1 | 0.0 | 312 | 1.0 | 288 |
| 978. | 2002／10／30 | 09：00：00 | 27.5 | 74．9 | 0.01 | 10 | 2.3 | 276 | 1074 | 2002／11／3 | 09：00：00 | 28.9 | 73.4 | 0.0 | 330 | 2.7 | 1011 |
| 979 | $2002 / 10130$ | 10：00：00 | 29.1 | 65.8 | 0.0 | 324 | 2.4 | 952 | 1075 | 2002／1／3 | 10：00：00 | 29.6 | 67.0 | 0.0 | 58 | 2.9 | 843 |
| 980 | 2002／10／30 | 11：00：00 | 30.3 | 62.0 | 0.0 | 82 | 4.0 | 44 | 1076 | 2002／11／3 | 11：00：00 | 30.0 | 67.3 | 0.0 | 256 | 1.8 | 1096 |
| 981 | 2002101030 | 12：00：00 | 30.9 | 63.2 | 0.0 | 101 | 4.8 | 368 | －1077 | 2002／11／3 | 12：00：00 | 25.6 | 91.7 | 4.6 | 17 | 1.8 | 193 |
| 982 | $2002 / 10 / 30$ | 13：00：00 | 25.5 | 94.8 | 7.6 | 339 | 3.1 | 149 | 1078 | 2002／11／3 | 13：00：00 | 25.5 | 86.1 | 3.4 | 57 | 2.2 | 408 |
| 983 | 200210130 | 14：00：00 | 23.1 | 96.7 | 15.6 | 30 | 2.5 | 58 | 1079 | 2002／11／3 | 14：00：00 | 25.0 | 87.8 | 0.0 | 70 | 3.0 | 70 |
| 984 | 2002／10／30 | 15：00：00 | 23.1 | 96.9 | 7.8 | 78 | 1.1 | 71. | 1080 | 2002／11／3 | 15：00：00 | 24.1 | －93．9 | 1.6 | 253 | 1.0 | 16 |
| 985 | 2002／10／30 | 16：00：00 | 23.4 | 97.1 | 0.0 | 253 | 1.4 | 35 | 1081 | 2002／11／3 | 16：00：00 | 24.1 | 89.5 | 0.8 | 270 | 3.4 | 139 |
| 986 | 2002／10／30 | 17：00：00 | 23.1 | 97．1 | 0.2 | 249 | 1.5 | 20 | 1082 | 2002／11／3 | 17：00：00 | 24.2 | 91.2 | 0.0 | 58 | 1.4 | 200 |
| 987 | 2002／10／30 | 18：00：00 | 23.2 | 97.3 | 0.2 | 253 | 1.4 | 29 | 1083 | 2002／11／3 | 18：00：00 | 23.3 | 90.8 | 0.0 | 55 | 1.2 | 13 |
| 988 | 2002／10／30 | 19：00：00 | 22.9 | 97.4 | 0.0 | 180 | 1.2 |  | 1084 | 2002／11／3 | 19：00：00 | 22.6 | 94.9 | 0.0 | 105 | 0.7 |  |
| 969 | 2002210／30 | 20：00：00 | 22.6 | 97.4 | 0.0 | 289 | 0.6 | 0 | 1085 | 2002／11／3 | 20：00：00 | 22.5 | 96.0 | 0.0 | 138 | 1.1 |  |
| 990 | 2002／10／30 | 21：00：00 | 22.5 | 97．6 | 0.0 | 234 | 1.1 | 0 | 1086 | 2002／11／3 | 21：00：00 | 22.5 | 96.0 | 0.0 | 20 | 0.8 |  |
| 991 | 2002／10／30 | 22：00：00 | 22.0 | 97.6 | 0.0 | 32 | 0.5 |  | 1087 | 2002／11／3 | 22：00：00 | 22.4 | 96.2 | 0.0 | 96 | 0.5 |  |
| 992 | 2002／10；30 | 23：00：00 | 22.0 | 97．7 | 0.0 | 33 | 0.7 |  | 1088 | 2002／11／3 | 23：00：00 | 22.3 | 95.3 | 0.0 | 320 | 1.4 |  |
| 993 | 2002／10／31 | 00：00：00 | 22.0 | 97.7 | 0.0 | 203 | 0.5 |  | 1089 | 2002／1／1／4 | 00：00：00 | 22.2 | 96.1 | 0.0 | 236 | 0.6 |  |
| 994 | 2002／10／39 | 01：00：00 | 21.8 | 97．8 | 0.0 | 356 | 0.9 |  | 1090 | 2002／1／4 | 01：00：00 | 22.2 | 96.4 | 0.0 | 23 | 0.3 |  |
| 995 | 2002／10／31 | 02：00：00 | 21.6 | 97．8 | 0.0 | 22 | 0.7 | 0 | 109 | 2002／1／4 | 02：00：00 | 22.3 | 96.5 | 0.6 | 78 | 0.9 |  |
| 996 | 2002／10731 | 03：00：00 | 21.5 | 97.8 | 0.0 | 86 | 0.4 |  | 1092 | 2002／1／4 | 03：00：00 | 22.0 | 95.5 | 0.6 | 329 | 1.4 |  |
| 997 | 2002／10／31 | 04：00：00 | 21.2 | 97.9 | 0.0 | 168 | 0.3 | 0 | 1093 | 2002／11／4 | 04：00：00 | 22.0 | 94.9 | 0.0 | 228 | 0.9 |  |
| 998. | 2002／10／31 | 05：00：00 | 21.2 | 97．9 | 0.0 | 208 | 0.7 |  | 1094 | 2002／11／4 | 05：00：00 | 21.7 | 95.6 | 0.0 | 353 | 0.9 |  |
| 999 | 2002／10／31 | 06：00：00 | 21.0 | 97.9 | 0.0 | 143 | 0.5 | 23 | 1095 | 2002／11／4 | 06：00：00 | 21.7 | 95.8 | 0.0 | 314 | 1.2 | 20 |
| 1000 | 2002／10／31 | 07：00：00 | 21.6 | 97.8 | 0.0 | 317 | 0.7 | 83 | 1096 | 2002／11／4 | 07：00：00 | 22.9 | 87.6 | 0.0 | 45 | 5.8 | 155 |
| 1001 | 2002／0／31 | 08：00：00 | 23.5 | 95.8 | 0.0 | 348 | 1.1 | 278 | 1097 | 2002／11／4 | 08：00：00 | 23.4 | 81.9 | 0.0 | 112 | 1.8 | 137 |
| －1002 | 2002／40／31 | 09：00：00 | 24.0 | 94.1 | 0.0 | 267 | 1.6 | 195 | 1098 | 2002／11／4 | 09：00：00 | 23.7 | 80.7 | 0.0 | 79. | 3.2 | 344 |
| 1003 | 2002／10／31 | 10：00：00 | 24.8 | 92.3 | 0.0 | 36 | 1.6 | 209 | 1099 | 2002／11／4 | 10：00：00 | 24.2 | 81.6 | 0.0 | 80 | 2.9 | 295 |
| 1004 | 2002／10／31 | 11：00：00 | 27.9 | 72.8 | 0.0 | 309 | 1.6 | 709 | 1100 | 2002／1／1／4 | 11：00：00 | 24.5 | 79.4 | 0.0 | 76 | 4.5 | 295 |
| 1005 | 2002／10／31 | 12：00：00 | 28.6 | 69.0 | 0.0 | 56 | 2.5 | 591 | 1101 | 2002／11／4 | 12：00：00 | 24.3 | 79.6 | 0.0 | 123 | 2.5 | 298 |
| 1006 | 2002／10／31 | 13：00：00 | 29.0 | 64.3 | 0.0 | 46 | 3.8 | 574 | 1102 | 2002／11／4 | 13：00：00 | 23.9 | 80.2 | 0.0 | 99 | 8.2 | 273 |
| 1007 | 200210／31 | 14：00：00 | 29.8 | 59.8 | 0.0 | 145 | 2.7 | 432 | 1103 | 2002／1／14 | 14：00：00 | 24.3 | 77.2 | 0.0 | 120 | 4.1 | 329 |
| 1008 | 2002／10／31 | 15：00：00 | 27.1 | 68.6 | 0.0 | 117 | 4.3 | 151 | 1104 | 2002／11／4 | 15：00：00 | 23.0 | 89.3 | 0.0 | 42 | 3.5 | 183 |
| 1009 | 2002／10／31 | 16：00：00 | 25.9 | 74.0 | 0.0 | 121 | 3.7 | 89 | 1105 | 2002／11／4 | 16：00：00 | 23.4 | 88.0 | 0.0 | 105 | 2.2 | 130 |
| 1010 | 2002／10／31 | 17：00：00 | 25.8 | 71.5 | 0.0 | 116 | 4.7 | 104 | 1106 | 2002／11／4 | 17：00：00 | 22.5 | 91.5 | 0.2 | 47 |  | 34 |
| 1011 | 2002／10／31 | 18：00：00 | 24.9 | 78.0 | 0.0 | 119 | 1.8 |  | 1107 | 2002／11／4 | 18：00：00 | 21.9 | 93.5 | 0.0 | 60 | 1.0 | 2 |
| 1012 | 2002／10／31 | 19：00：00 | 24.0 | 84.5 | 0.0 | 285 | 2.3 |  | 1108 | 2002／17／4 | 19：00：00 | 21.8 | 94.4 | 0.0 | 86 | 0.7 |  |
| 1013 | 2002／10／31 | 20：00：00 | 24.0 | 83.4 | 0.0 | 19 | 1.7 |  | 1109 | 2002／1／4 | 20：00：00 | 21.5 | 95.6 | 0.4 | 27 | 0.8 |  |
| 1014 | $2002 / 10131$ | 21：00：00 | 23.2 | 90．6 | 0.0 | 116 | 1.1 | 8 | 1110 | 2002／91／4 | 21：00：00 | 21.5 | 96.1 | 0.6 | 52 | 0.8 |  |
| 1015 | 2002／10／31 | 22：00：00 | 23.1 | 91.4 | 0.0 | 106 | 0.8 |  | 1111 | 2002／11／4 | 22：00：00 | 21.6 | 96.0 | 0.0 |  | 1.0 |  |
| 1016 | 2002／10／31 | 23：00：00 | 22.8 | 92.9 | 0.0 | 284 | 0.5 |  | 1112 | 2002／11／4 | 23：00：00 | 21.6 | 96.2 | 0.0 | 55 | 0.5 |  |
| 1017 | 2002／91／1 | 00：00：00 | 22.6 | 94.5 | 0.0 | 79 | 0.6 |  | 1113 | 2002／11／5 | 00：00：00 | 21.5 | 96.3 | 0.0 | 79 | 1.1 |  |
| 1018 | 2002／11／1 | 01：00：00 | 22.5 | 95.3 | 0.0 | 29 | 0.8 | 0 | 1114 | 2002／11／5 | 01：00：00 | 21.3 | 95.3 | 0.4 | 139 | 1.9 |  |
| 1019 | 2002／11／1 | 02：00：00 | 22.4 | 95.3 | 0.0 | 347 | 0.6 | 0 | 1195 | 2002／11／5 | 02：00：00 | 21.2 | 96.0 | 0.2 | 120 | 0.7 |  |
| 1020 | 2002／11／1 | 03：00：00 | 22.3 | 95.9 | 0.0 | 324 | 0.5 | 0 | 1116 | 2002／11／5 | 03：00：00 | 21.4 | 96.5 | 0.6 | 132 | 0.6 |  |
| 1021 | 2002／11／1 | 04：00：00 | 22.1 | 96.1 | 0.0 | 333 | 0.5 | 0 | 1117 | 2002／17／5 | 04：00：00 | 24.3 | 96.6 | 0.2 | 156 | 0.3 |  |
| 1022 | 2002／11／ | 05：00：00 | 22.2 | 96.3 | 0.0 | 80 | 0.4 |  | 1118 | 2002／11／5 | 05：00：00 | 21.5 | 96.7 | 1.0 | 61 | 0.7 |  |
| 1023 | 2002／11／1 | 06：00：00 | 22.2 | 96.3 | 0.0 |  | 0.3 | 16 | 119 | 2002／11／5 | 06：00：00 | 21.6 | 96.8 | 1.6 | 48 | 0.8 |  |
| 1024 | 2002／11／1 | 07：00：00 | 23.0 | 91.9 | 0.0 | 41 | 0.0 | 89 | 1120 | 2002／11／5 | 07：00：00 | 22.0 | 95.6 | 0.0 | 111 | 0.7 | 98 |
| 1025 | 2002／11／1 | 08：00：00 | 23.9 | 88.5 | 0.0 | 58 | 0.0 | 110 | 1121 | 2002／11／5 | 08：00：00 | 22.6 | 93.5 | 0.8 | 29 | 0.5 | 115 |
| 1026 | 2002／11／1 | 09：00：00 | 24.5 | 82.2 | 0.6 | 15 | 3.1 | 164 | 1122 | 2002111／5 | 09：00：00 | 23.3 | 92.0 | 1.2 | 324 | 1.4 | 112 |
| 1027 | 2002／11／1 | 10：00：00 | 24.1 | 84.6 | 0.0 | 18 | 2.2 | 220 | 1123 | 2002／11／5 | 10：00：00 | 24.5 | 88.1 | 0.2 | 16 | 2.0 | 463 |
| 1028 | 2002／11／1 | 11：00：00 | 25.3 | 81.1 | 0.0 | 23 | 3.3 | 355 | 1124 | 2002／11／5 | 11：00：00 | 24.5 | 88.8 | 0.6 | 93 | 3.3 | 193 |
| 1029 | 2002／1／／1 | 12：00：00 | 25.1 | 77.2 | 0.0 | 73 | 4.1 | 202 | 1125 | 2002／11／5 | 12：00：00 | 24.7 | 85.2 | 1.2 | 81 | 4.5 | 316 |
| 1030 | 2002／11／1 | 13：00：00 | 25.7 | 73.3 | 0.0 | 107 | 3.4 | 270 | 1126 | 2002／11／5 | 13：00：00 | 24.2 | 91.6 | 1.8 | 68 | 3.6 | 378 |
| 1031 | 2002／11／1 | 14：00：00 | 25.0 | 75.0 | 0.0 | 129 | 5.9 | 257 | 1127 | 2002／11／5 | 14：00：00 | 24.7 | 88.5 | 0.4 | 94 | 3.6 | 999 |
| －1032 | 2002／11／1 | 15：00：00 | 25.1 | 75.2 | 0.0 | 142 | 6.3 | 239 | 1128 | 2002／11／5 | 15：00：00 | 24.6 | 88.5 | 0.0 | 72 | 2.4 | 279 |
| 1033 | 2002／11／1 | 16：00：00 | 24.8 | 76.7 | 0.0 | 115 | 3.7 | 131 | 1129 | 2002／11／5 | 16：00：00 | 24.1 | 90.6 | 0.2 | B0 | 2.5 | 98 |
| 1034 | 2002／11／1 | 17：00：00 | 23.8 | 83.0 | 0.0 | 132 | 2.1 | 47 | 1130 | 2002／11／5 | 17：00：00 | 23.5 | 93.7 | 0.4 | 14 | 1.0 | 30 |
| 1035 | 2002／11／1 | 18：00：00 | 23.0 | 89.2 | 0.0 | 139 | 1.4 |  | 1131， | 2002／11／5 | 18：00：00 | 23.2 | 94.9 | 1.2 | 59 | 0.6 |  |
| 1036 | 2002／11／1 | 19：00：00 | 22.6 | 90.7 | 0.0 | 74 | 0.6 | 0 | 1132 | 2002／11／5 | 19：00：00 | 22.9 | 96.0 | 1.2 | 80 | 8.1 | 0 |
| 1037 | 2002／11／1 | 20：00：00 | 22.2 | 91.7 | 0.0 | 82 | 1.3 |  | 1133 | 2002／91／5 | 20：00：00 | 22.8 | 96.3 | 0.2 | － | 0.6 |  |
| ${ }^{1036}$ | 2002／11／1 | 21：00：00 | 22.0 | 94.4 | 0.0 | 103 | 1.2 | 0 | 1134 | 2002／11／5 | 21：00：00 | 22.8 | 96.5 | 0.4 | 28 | 0.1 |  |
| 1039 | 2002／11／1 | 22：00：00 | 21.9 | 95.7 | 0.0 | 57 | 0.6 |  | 1135 | 2002／11／5 | 22：00：00 | 22.9 | 96.4 | 0.0 | 327 | 0.6 |  |
| 1040 | 2002／11／1 | 23：00：00 | 21.8 | 96.1 | 0.0 | 55 | 0.8 | 0 | 1136 | 2002／11／5 | 23：00：00 | 22.8 | 96.4 | 0.2 | 106 | 0.3 |  |
| －1041 | 2002／11／2 | 00：00：00 | 21.6 | 96.0 | 0.0 | 83 | 0.6 |  | 1137 | 2002／11／6 | 00：00：00 | 22.8 | 96.3 | 0.0 | 58 | 0.9 | 0 |
| 1042 | 2002／11／2 | 01：00：00 | 21.5 | 95.9 | 0.0 | 165 | 1.0 |  | 1138 | 2002／11／6 | 01：00：00 | 22.6 | 96.5 | 0.0 | 175 | 0.8 | 0 |
| 1043 | 2002／11／2 | 02：00：00 | 21.5 | 95.4 | 0.0 | 90 | 0.5 |  | 1139 | 2002／11／6 | 02：00：00 | 22.7 | 96.7 | 0.0 | 79 | 0.4 | 0 |
| 1044 | 2002／11／2 | 03：00：00 | 21.4 | 96.0 | 0.0 | 359 | 0.4 | 0 | 1140 | 2002／11／6 | 03：00：00 | 22.6 | 96.8 | 0.0 | 65 | 0.6 |  |
| 1045 | $2002 / 11 / 2$ | 04：00：00 | 29.4 | 96.7 | 0.0 | 44 | 0.6 |  | 1941 | 2002111／6 | 04：00：00 | 22.5 | 96.8 | 0.0 | 52 | 0.6 |  |
| 1046 | 2002／11／2 | 05：00：00 | 21.4 | 96.3 | 0.0 | 48 | 0.5 | 0 | 1142 | 2002／11／6 | 05：00：00 | 22.7 | 96.9 | 0.2 | 90 | 0.3 |  |
| －1047 | 2002／11／2 | 06：00：00 | 21.4 | 96.4 | 0.0 | 50 | 0.8 | 11 | 1143 | 2002／11／6 | 06：00：00 | 23.0 | 96.6 | 0.6 | 10 | 0.9 | 33 |
| 1048 | 2002／11／2 | 07：00：00 | 22.5 | 92.4 | 0.2 | 75 | 0.6 | 143 | 1144 | 2002／11／6 | 07：00：00 | 24.3 | 93.1 | 0.2 | 281 | 0.6 | 208 |
| 1049 | 2002／11／2 | 08：00：00 | 23.3 | 89.4 | 0.0 | 64 | 1.2 | 124 | 1145 | 2002／11／6 | 08：00：00 | 25.4 | 85.9 | 0.0 | 15 | 1.5 | 239 |
| 1050 | 2002／11／2 | 09：00：00 | 25.3 | 78.2 | 0.0 | 50 | 3.4 | 475 | 1146 | 2002／11／6 | 09：00：00 | 25.3 | 90.3 | 0.4 | 20 | 1.8 | 217 |
| 1051 | 2002／11／2 | 10：00：00 | 25.4 | 80.2 | 0.0 | 74 | 3.2 | 337 | 1147 | 2002／17／6 | 10：00：00 | 25.9 | 84.8 | 0.2 | 71 | 4.3 | 389 |
| －1052 | 2002／11／2 | 11：00：00 | 26.8 | 72.1 | 0.0 | 78 | 3.0 | 593 | 1148 | 2002／11／6 | 11：00：00 | 25.4 | 84.7 | 1.2 | 130 | 4.9 | 432 |
| －1053 | 2002／11／2 | 12：00：00 | 27.2 | 71.0 | 0.0 | 92 | 3.9 | 661 | 1149 | 2002／11／6 | 12：00：00 | 27.2 | 79.4 | 0.0 | 107 | 5.5 | 225 |
| 1054 | 2002／11／2 | 13：00：00 | 26.9 | 68.7 | 0.0 |  | 3.4 | 416 | 1150 | 2002／11／6 | 13：00：00 | 27.3 | 77.0 | 0.0 | 61 | 4.1 | 337 |
| －1055 | 2002／11／2 | 14：00：00 | 26.6 | 72.8 | 0.0 | 108 | 3.0 | 299 | 1151 | 2002／11／6 | 14：00：00 | 25.5 | 88.4 | 9.6 | 67 | 1.4 | 104 |
| －1056 | 2002／11／2 | 15：00：00 | 25.6 | 79.9 | 0.01 | 100 | 3.9 | 292 | 1152 | 2002／11／6 | 15：00：00 | 23.5 | 96.8 | 20.0 | 198 | 0.6 | 61 |

APPENDIX 3 Weather observation data in Namosi area (9)

| No. | Date | Time |  | $\begin{aligned} & \text { 늧 } \\ & \frac{\text { n }}{\underline{3}} \end{aligned}$ |  | 0 0 0 0 |  |  | No. | Date | Time |  |  |  | 흥 D 苟 D 5 | $\begin{aligned} & \square \\ & \text { W } \\ & \text { क } \\ & 5 \\ & 0 \\ & 5 \\ & \hline \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | mayimmidd | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degres | m/s | kW/m2 |  | ymy:mm:dd | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mmin | degree | m/s | kW/m2 |
| 1153 | 2002/11/6 | 16:00:06 | 23.3 | 96.7 | 5.0 | 156 | 3.2 | 22 | 1249 | 2002/11/10 | 16:00:00 | 24.2 | 94.4 | 2.4 | 91 | 0.9 | 27 |
| 1154. | 2002/11/6 | 17:00:00 | 23.2 | 97.2 | 6.4 | 104. | 0.7 | 13 | 1250 | 2002/11/10 | 17:00:00 | 23.6 | 96.0 | 16.8 | 286 | 1.8 | 25 |
| 1155 | 2002/11/6 | 18:00:00 | 23.2 | 97.3 | 3.8 | 21 | 1.0 | 2 | 1251 | 2002/11/10 | 18:00:00 | 23.3 | 97.0 | 12.6 | 279 | 0.8 |  |
| 1156 | 2002/1/6 | 19:00:00 | 23.1 | 97.3 | 14.4 | 112 | 0.8 | 0 | 1252 | 2002/11/10 | 19:00:00 | 23.2 | 97.0 | 2.0 | 193 | 0.9 | 0 |
| 1157 | 2002/11/6 | 20:00:00 | 23.0 | 97.4 | 2.8 | 53 | 0.8 | 0 | 1253 | 2002/11/10 | 20:00:00 | 23.2 | 97.2 | 2.2 | 37 | 0.8 | 0 |
| 1158 | 2002/11/6 | 21:00:00 | 22.8 | 97.5 | 0.0 | 75 | 0.8 |  | 1254 | 2002/1110 | 21:00:00 | 23.2 | 97.3 | 0.8 | 289 | 0.9 | 0 |
| 1159 | 2002/11/6 | 22:00:00 | 22.8 | 97.5 | 0.2 | 95 | 0.5 | 0 | 9255 | 2002/11/10 | 22:00:00 | 23.1 | 97.3 | 0.8 | 293 | 0.7 | 0 |
| 1160 | 2002/11/6 | 23:00:00 | 22.9 | 97.5 | 0.01 | 75 | 1.0 | 0 | 1256 | 2002/11/10 | 23:00:00 | 23.1 | 97.3 | 1.4 | 9 | 0.9 |  |
| 1161 | 2002/1177 | 00:00:00 | 22.9 | 97.5 | 0.0 | 13 | 0.6 | 0 | 1257 | 2002/1/11 | 00:00:00 | 23.0 | 97.4 | 2.0 | 5 | 0.8 | 0 |
| 1162 | 2002/11/7 | 01:00:00 | 22.9 | 97.5 | 0.0 | 55 | 0.9 | 0 | 1258 | 2002/11/11 | 01:00:00 | 22.9 | 97.3 | 1.6 | 15 | 1.2 | 0 |
| 163 | 2002/11/7 | 02:00:00 | 23.1 | 97.1 | 0.6 | 108 | 5.5 | 0 | 1259 | 2002/11/11 | 02:00:00 | 22.9 | 97.4 | 0.6 | 64 | 0.3 | 0 |
| 1164 | 2002/117 | 03:00:00 | 23.0 | 97.1 | 0.0 | 299 | 0.5 | 0 | 1260 | 2002/ 1 1/11 | 03:00:00 | 22.8 | 97.4 | 0.2 | 46 | 0.5 | 0 |
| 1165 | 2002/117 | 04:00:00 | 23.0 | 97.3 | 0.0 | 87 | 0.9 | 0 | 1261 | 2002/11/11 | 04:00:00 | 22.8 | 97.4 | 1.8 | 193 | 1.4 | 0 |
| 1166 | $2002 / 117$ | 05:00:00 | 23.5 | 96.3 | 0.6 | 91 | 5.9 | 0 | 1262 | 2002/11/11 | 05:00:00 | 22.8 | 97.5 | 1.0 | 50 | 0.7 | 0 |
| +167 | 20021117 | 06:00:00 | 23.9 | 94.2 | 0.0 | 96 | 3.6 | 13 | -1263 | 2002/11/11 | 06:00:00 | 22.9 | 97.5 | 0.2 | 44 | 0.5 |  |
| 9168 | 2002/1177 | 07:00:00 | 24.2 | 94.9 | 0.0 | 75 | 2.4 | 91 | 1264 | 2002/11/11 | 07:00:00 | 23.2 | 97.4 | 0.2 | 81 | 0.6 | 53 |
| 1169 | 2002/1/77 | 08:00:00 | 25.6. | 91.31 | 0.2 | 101 | 3.8 | 401 | 1265 | 2002/11/11 | 08:00:00 | 23.7 | 97.0 | 1.0 | 42 | 0.7 | 198 |
| 1170 | 2002/117 | 09:00:00 | 26.0 | 83.3 | 0.01 | 109 | 4.5 | 166 | 1266 | 2002/11/11 | 09:00:00 | 24.4 | 92.0 | 1.0 | 49 | 2.6 | 180 |
| 1171 | 2002/1177 | 10:00:00 | 27.3 | 76.7 | 0.0 | 82 | 3.8 | 474 | 1267 | 2002/11/11 | 10:00:00 | 24.4. | 92.0 | 1.0 | 32 | 2.0 | 274 |
| 1172 | 20024117 | 11:00:00 | 26.6 | 80.1 | 0.0 | 103 | 4.7 | 299 | 1268 | 2002/11/11 | 11:00:00 | 26.9 | 79.0 | 0.0 | 94 | 3.6 | 428 |
| 1773 | 20023117 | 12:00:00 | 26.4 | 85.3 | 0.2 | 87 | 5.0 | 319 | 1269 | 200211111 | 12:00:00 | 27.1 | 78.6 | 0.4 | 58 | 3.7 | 590 |
| 1174 | 2002/1177 | 13:00:00 | 27.1 | 83.6 | 0.0 | 74 | 2.6 | 363 | 1270 | 2002/11/11 | 13:00:00 | 26.7 | 81.3 | 0.8 | 48 | 5.2 | 390 |
| 1175 | 2002111/7 | 14:00:00 | 28.5 | 76.7 | 0.6 | 88 | 3.4 | 309 | 1271 | 2002/41/11 | 14:00:00 | 26.1 | 79.7 | 0.0 | 62 | 2.7 | 372 |
| 1176 | 2002/1177 | 15:00:00 | 28.2 | 78.3 | 0.0 | 47 | 3.3 | 504 | -1272 | 2002/11/11 | 15:00:00 | 25.8 | 84.9 | 0.0 | 69 | 2.8 | 206 |
| 1177 | 2002/11/7 | 16:00:00 | 25.6 | 89.4 | 0.6 | 94 | 1.8 | 50 | -1273 | 2002/11/11 | 16:00:00 | 25.8 | 83.6 | 0.0 | 31 | 2.1 | 188 |
| 1178 | 2002/1177 | 17:00:00 | 24.3 | 95.3 | 7.4 | 23 | 2.1 | 35 | 1274 | 2002/11/11 | 17:00:00 | 25.2 | 82.9 | 0.0 | 90 | 3.9 | 120 |
| 1179 | 20024117 | 18:00:00 | 23.3 | 96.6 | 25.0 | 297 | 2.2 | 3 | 1275 | 2002411111 | 18:00:00 | 24.5 | 83.2 | 0.0 | 45 | 1.6 | 16 |
| 1880 | 2002/1177 | 19:00:00 | 23.3 | 97.3 | 10.4 | 73 | 0.9 | 0 | 1276 | 2002/19/11 | 19:00:00 | 23.7 | 89.9 | 0.0 | 38 | 1.7 | 0 |
| 1181 | 20021117 | 20:00:00 | 23.2 | 97.5 | 0.8 | 88 | 0.7 | 0 | -1277 | 2002/11/11 | 20:00:00 | 23.2 | 93.9 | 0.0 | 72 | 1.6 | 0 |
| 1182 | 2002/117 | 21:00:00 | 23.0 | 97.5 | 0.8 | 60 | 0.3 | 0 | -1278 | 2002/91/11 | 21:00:00 | 23.1 | 94.6 | 0.0 | 51 | 1.0 | 0 |
| 1183 | 2002/1/7/ | 22:00:00 | 23.0 | 97.5 | 0.2 | 284 | 0.5 |  | 1279 | 2002/11/11 | 22:00:00 | 23.0 | 95.5 | 0.0 | 50 | 0.6 | 0 |
| 1184 | 2002/117 | 23:00:00 | 22.9 | 97.5 | 0.6 | 65 | 0.5 | 0 | 3280 | 2002/11/11 | 23:00:00 | 22.8 | 95.9 | 0.0 | 52 | 0.8. | 0 |
| 1185 | 2002/11/8 | 00:00:00 | 22.9 | 97.6 | 1.4 | 37 | 1.1 | 0 | 1281 | 2002/11/12 | 00:00:00 | 22.7 | 96.0 | 0.0 | 35 | 0.9 | 0 |
| 1186 | 2002/11/8 | 01:00:00 | 22.7 | 97.6 | 0.2 | 288 | 0.5 | 0 | 1282 | 2002/11/12 | 01:00:00 | 22.7 | 96.0 | 0,0 | 208 | 0.7 |  |
| 1187 | 2002/11/8 | 02:00:00 | 22.7 | 97.6 | 0.0 | 349 | 0.7 | - 0 | 1283 | 2002/11/12 | 02:00:00 | 22.6 | 96.5 | 0.0 | 89 | 0.4 | 0 |
| 1188 | 2002/118 | 03:00:00 | 22.7 | 97.6 | 0.0 | 10 | 0.5 | - | 1284 | 2002/11/12 | 03:00:00 | 22.5 | 96.2 | 0.0 | 86 | 1.4 | 0 |
| 1189 | 2002/1178 | 04:00:00 | 22.6 | 97.7 | 0.0 | 10 | 0.6 | 0 | 1285 | 2002/1 1/12 | 04:00:00 | 22.4 | 95.3 | 0.0 | 110 | 1.1 |  |
| 1190 | 2002/11/8 | 05:00:00 | 22.5 | 97.7 | 0.0 | 318 | 0.8 | 0 | 1286 | 2002/f1/12 | 05:00:00 | 22.4 | 95.7 | 0.0 | 22 | 0.8 | 0 |
| $\underline{191}$ | 2002/11/8 | 06:00:00 | 22.5 | 97.7 | 0.0 | 52 | 0.7 | 36 | 1287 | 2002/11/12 | 06:00:00 | 22.5 | 95.1 | 0.0 | 68 | 0.9 | 11 |
| 1192 | 2002/1/18 | 07:00:00 | 23.01 | 97.6 | 0.0 | 42 | 1.1 | 138 | 1288 | 2002/11/12 | 07:00:00 | 22.8 | 93.2 | 0.0 | 69 | 0.9 | 64 |
| 1193 | 2002/17/B | 08:00:00 | 24.5 | 96.8 | 0.0 | 37 | 1.3 | 533 | 1289 | 2002/11/12 | 08:00:00 | 23.8 | 89.1 | 0.0 | 13 | 1.1 | 161 |
| 1194 | 2002/41/8 | 09:00:00 | 25.3 | 94.0 | 0.2 | 353 | 1.6 | 224 | 1290 | 2002/11/12 | 09:00:00 | 24.2 | 79.8 | 0.0 | 91 | 4.0 | 249 |
| 1195 | 2002/11/8 | 10:00:00 | 27.4 | 84.7 | 0.0 | 69 | 3.0 | 573 | 1291 | 2002/11/12 | 10:00:00 | 24.4 | 80.7 | 0.0 | 24 | 2.8 | 298 |
| 1196 | 2002/11/8 | 11:00:00 | 26.8 | 86.4 | 0.2 | 108 | 2.8 | 174 | 1292 | 2002/11/12 | 11:00:00 | 23.7 | 83.7 | 0.0 | 49 | 3.3 | 132 |
| 1197 | 2002/11/8 | 12:00:00 | 27.2 | 84.5 | 0.0 | 102 | 5.4 | 257 | 1293 | 2002/11/12 | 12:00:00 | 24.0 | 82.3 | 0.0 | 53 | 3.8 | 249 |
| 1198 | 20021118 | 13:00:00 | 27.4 | 82.7 | 0.0 | 95 | 3.0 | 393 | 1294 | 2002/11/12 | 13:00:00 | 24.2 | 80.6 | 0.0 | 15 | 2.3 | 155 |
| 1199 | 2002/1/1/8 | 14:00:00 | 27.3 | 79.5 | 0.0 | 89 | 2.5 | 219 | 1295 | 2002/11/12 | 14:00:00 | 23.7 | 81.3 | 0.2 | 60 | 3.3 | 169 |
| 1200 | 2002/1/18 | 15:00:00 | 27.7 | 79.4 | 0.0 | 83 | 0.9 | 303 | 1296 | 2002/11/12 | 15:00:00 | 23.5 | 82.2 | 0.0 | 66 | 3.1 | 67 |
| 1201 | 2002/11/8 | 16:00:00 | 27.4 | 82.5 | 0.0 | 60 | 2.5 | 218 | 1297 | 2002/11/12 | 16:00:00 | 22.6 | 87.0 | 0.0 | 33 | 2.8 | 57 |
| 1202 | 2002/91/8 | 17:00:00 | 27.3 | 82.8 | 0.0 | 42 | 1.9 | 116 | 1298 | 2002211/12 | 17:00:00 | 22.4 | 88.3 | 0.0 | 62. | 0.8 | 20 |
| 1203 | 2002/9118 | 18:00:00 | 25.8 | 90.3 | 0.0 | 162 | 0.7 | 7 | 1299 | 2002/11/12 | 18:00:00 | 22.1 | 91.0 | 0.0 | 44. | 0.8 |  |
| 1204 | 20021118 | 19:00:00 | 24.7 | 94.4 | 0.0 | 203 | 0.5 | 0 | 1300 | 2002/11/12 | 19:00:00 | 21.8 | 92.8 | 0.0 | 234 | 1.1 |  |
| 1205 | 2002/11/8 | 20:00:00 | 24.2 | 95.5 | 0.0 | 47 | 0.2 | 0 | 130 | 2002/11/12 | 20:00:00 | 21.6 | 93.3 | 0.0 | 105 | 0.4 |  |
| 1206 | 2002/11/8 | 21:00:00 | 23.9 | 96.2 | 0.0 | 92 | 0.3 | 0 | 1302 | 2002/1//2 | 21:00:00 | 21.5 | 94.7 | 0.0 | 309 | 0.4 |  |
| 1207 | 2002/11/8 | 22:00:00 | 23.6 | 96.7 | 0.0 | 117 | 1.0 | 0 | 1303 | 2002/11/12 | 22:00:00 | 21.4 | 95.7 | 0.0 | 61 | 1.0 |  |
| 1208 | 2002/11/8 | 23:00:00 | 23.5 | 96.8 | 0.0 | 203 | 0.6 | 0 | 1304 | 2002/11/12 | 23:00:00 | 21.4 | 95.9 | 0.0 | 25 | 0.5 | 0 |
| 1209 | 2002/11/9 | 00:00:00 | 23.4 | 96.8 | 0.0 | 341 | 0.7 | 0 | 1305 | 2002/11/13 | 00:00:00 | 21.1 | 96.2 | 0.0 | 118 | 1.0 | 0 |
| 1210 | 2002/1/8 | 01:00:00 | 23.4 | 96.9 | 0.0 | 68 | 0.9 |  | 1306 | 2002/11/13 | 04:00:00 | 21.1 | 96.4 | 0.0 | 56 | 0.6 | 0 |
| 1211 | 2002/11/9, | 02:00:00 | 23.3 | 96.7 | 0.0 | 106 | 0.9 | 0 | 1307 | 2002/11/13 | 02:00:00 | 21.0 | 96.6 | 0.0 | 61 | 0.5 |  |
| $12^{12}$ | 2002/11/9 | 03:00:00 | 22.9 ) | 97.0 | 0.0 | 77 | 0.5 | 0 | 1308 | 2002/11/13 | 03:00:00 | 20.9 | 96.8 | 0.0 | 109 | 0.7 | 0 |
| 1213 | 2002/419 | 04:00:00 | 22.9 | 97.0 | 0.0 | 97 | 0.3 | 0 | 1309 | 2002/11/13 | 04:00:00 | 21.0 | 96.7 | 0.0 | 356 | 0.2 | 0 |
| 1214 | 2002/11/9 | 05:00:00 | 22.8 | 97.1 | 0.0 | 101 | 1.0 | 0 | 1310 | 2002/11/13 | 05:00:00 | 21.0 | 96.6 | 0.0 | 26 | 0.5 | 0 |
| 1215 | 2002/11/9 | 06:00:00 | 23.1 | 96.9 | 0.0 | 89 | 0.5 | 29 | 1311 | 2002/11/13 | 06:00:00 | 21.2 | 96.1 | 0.0 | 100 | 0.5 | 19 |
| 1216 | 2002/11/9 | 07:00:00 | 24.4 | 94.8 | 0.0 | 47 | 1.1 | 250 | 1312 | 2002/11/13 | 07:00:00 | 21.6 | 94.3 | 0.01 | 345 | 0.8 | 61 |
| 1217 | 2002/11/9 | 08:00:00 | 27.4 | 82.5 | 0.0 | 13 | 1.7 | 370 | 1313 | 2002/11/13 | 08:00:0 | 22.9 | 88.9 | 0.01 | 13 | 0.4 | 96 |
| 1218 | 2002/1/1/9, | 09:00:00 | 28.9 | 69.1 | 0.0 | 115 | 4.7 | 879 | 1314 | 2002/11/13 | 09:00:00 | 24.4 | 84.3 | 0.0 | 56 | 1.5 | 422 |
| 1219 | 2002/11/9 | 10:00:00 | 28.9 | 67.7 | 0.0 | 93 | 3.5 | 275 | 1315 | 2002/11/13 | 10:00:00 | 24.8 | 79.5 | 0.0 | 64 | 1.7 | 186 |
| 1220 | 2002/11/9 | 11:00:00 | 29.7 | 68.5 | 0.0 | 57 | 4.3 | 469 | 1316 | 2002/1 $1 / 13$ | 11:00:00 | 24.2 | 83.3 | 0.0 | 305 | 1.6 | 189 |
| 1221 | 2002/11/9 | 12:00:00 | 27.4 | 80.0 | 0.0 | 76 | 6.2 | 634 | 1317 | 2002/11/13 | 12:00:00 | 24.7 | 81.8 | 0.0 | 41 | 0.8 | 176 |
| -1222 | 2002/11/9 | 13:00:00 | 27.8 | 78.4 | 0.2 | 66 | 5.5 | 322 | 1318 | 2002/11/13 | 13:00:00 | 24.0 | 89.5 | 0.2 | 354 | 1.1 | 144 |
| 1223 | 2002/11/9 | 14:00:00 | 24.8 | 92.1 | 2.4 | 54 | 2.6 | 36 | 1319. | 2002/11/13 | 14:00:00 | 23.6 | 89.7 | 1.6 | 224 | 1.0 | 88 |
| 1224 | 2002/11/9 | 15:00:00 | 24.6 | 93.5 | 0.6 | 20 | 1.5 | 13 | 1320 | 2002/11/13 | 15:00:00 | 23.5 | 91.7 | 0.4 | 25 | 0.9 | 63 |
| 1225 | 2002/11/9 | 16:00:00 | 24.4 | 94.5 | 4.6 | 184 | 1.4 | 20 | 1321 | 2002/11/13 | 16:00:00 | 23.2 | 92.4 | 0.6 | 356 | 1.1 | 43 |
| 1226 | 2002/1 199 | 47:00:00 | 24.6 | 94.4 | 2.0 | 118 | 1.2 | 60 | 1322 | 2002/11/13 | 17:00:00 | 23.2 | 92.4 | 0.2 | 234 | 2.0 | 32 |
| 1227 | 2002/1/19 | 18:00:00 | 24.4. | 93.7 | 0.0 | 263 | 1.4 | 11 | 1323 | 2002/11/13 | 18:00:00 | 22.8 | 93.5 | 0.0 | 43 | 0.6 | 7 |
| 1228 | 2002/11/3 | 19:00:00 | 23.8 | 94.1 | 1.4 | 79 | 1.6 | , | 1324 | 2002/11/13 | 19:00:00 | 22.2 | 95.2 | 0.0 | 42 | 1.9 | 0 |
| 1229 | 2002/11/9 | 20:00:00 | 23.7 | 95.3 | 0.4 | 103 | 1.0 | - 0 | 1325 | 2002/11/13 | 20:00:00 | 21.8 | 94.8 | 0.0 | 29 | 1.3 | $-0$ |
| 1230 | 2002/11/9 | 21:00:00 | 23.5 | 96.0 | 0.2 | 49. | 0.6 | -- 0 | 1326 | 2002/11/13 | 21:00:00 | 21.7 | 95.4 | 0.0 | 101 | 0.4 | 0 |
| 1231 | 2002/11/9 | 22:00:00 | 23.4 | 95.8 | 0.0 | 93 | 1.0 | - 0 | 1327 | 2002/11/13 | 22:00:00 | 21.8 | 95.0 | 0.0 | 280 | 0.8 | 0 |
| 1232 | 2002/11/9 | 23:00:00 | 23.3 | 96.3 | 0.0 | 28 | 0.6 | - 0 | 1328 | 2002/11/13 | 23:00:00 | 21.8 | 96.0 | 0.0 | 6 | 0.6 | 0 |
| 1233 | 2002/11/10 | 00:00:00 | 23.1 | 95.5 | 0.4 | 74 | 1.6 | - 0 | 1329 | 2002/11/14 | 00:00:00 | 21.6 | 96.3 | 0.6 | 266 | 1.6 | 0 |
| 1234. | 2002/11/10 | 01:00:00 | 23.0 | 95.2 | 0.4 | 55 | 1.4 | -0 | 1330 | 2002/11/14 | 01:00:00 | 21.5 | 96.5 | 0.2 | 87 | 0.8 | 0 |
| 1235 | $2002 / 1710$ | 02:00:00 | 22.8 | 96.0 | 0.0 | 66 | 0.9 |  | 1331 | 2002/1/14 | 02:00:00 | 21.4 | 96.7 | 0.0. | 331 | 0.8 | 0 |
| 1236 | 2002/11/10 | 03:00:00 | 22.6 | 96.5 | 0.0 | 22 | 0.4 |  | 1332 | 2002/11/14 | 03:00:00 | 21.5 | 96.6 | 0.01 | 275 | 1.1 | 0 |
| 1237 | 2002/11/10 | 04:00:00 | 22.7 | 96.6 | 0.0 | 49 | 0.9 | - 0 | 1333 | 2002/11/14 | 04:00:00 | 21.5 | 96.8 | 0.0 | 188 | 0.4 | 0 |
| 1238 | 2002/11/10 | 05:00:00 | 22.6 | 96.8 | 0.0 | 78 | 0.6 | - 0 | 1334 | 2002/11/14 | 05:00:00 | 21.6 | 96.8 | 0.0 | 91 | 1.2 | 0 |
| 1239 | 2002/1/10 | 06:00:00 | 22.4 | 96.7 | 0.0 | 103 | 1.1 | 28 | 1335 | 2002/11/14 | 06:00:00 | 21.7 | 96.7 | 0.0 | 54 | 1,0 | 11 |
| 1240 | 2002/11/10 | 07:00:00 | 23.3 | 94.6 | 0.0 | 143 | 0.6 | 98 | 1336 | 2002/11/14 | 07:00:00 | 21.9 | 96.1 | 0.2 | 353 | 0.4 | 70 |
| 1241 | $2002 / 11 / 10$ | 08:00:00 | 25.6 | 85.4 | 0.0 | 43 | 1.3 | 353 | 1337) | 2002/11/14 | 08:00:00 | 23.8 | 88.9 | 0.0 | 96 | 0.5 | 145 |
| 1242 | 2002/11/10 | 09:00:00 | 28.2 | 75.1 | 0.0 | 27 | 2.7 | 973 | 1338 ! | 2002/11/14 | 09:00:00 | 23.5 | 91.6 | 0.6 | 112 | 0.8 | 92 |
| 1243 | 2002/11/10 | 10:00:00 | 28.6 | 74.9 | 0.0 | 65 | 2.8 | 344 | 1339 | 2002/11/14 | 10:00:00 | 22.4 | 96.9 | 27.8 | 140 | 2.6 | 70 |
| 1244 | 2002/11/10 | 11:00:00 | 27.7 | 75.2 | 0.0 | 92 | 4.2 | 300 | 1340 | 2002/19/14 | 11:00:00 | 22.9 | 97. | 9.0 | 358 | 1.6 | 125 |
| 1245 | 2002/11/10 | 12:00:00 | 27.8 | 77.91 | 0.0 | 79 | 4.3 | 628 | 1341 | 2002/11/14 | 12:00:00 | 22.9 | 97.9 | 9.4 | 22 | 2.0 | 367 |
| 1246 | 2002/41/10 | 13:00:00 | 27,1 | 79.9 | 0.0 | 81 | 4.9 | 427 | 1342 | 2002/11/14 | 13:00:00 | 23.8 | 95.1 | 0.2 | 53 | 2.6 | 296 |
| 1247 | 200211110 | 14:00:00 | 25.9 | 85.1 | 0.0 | 67 | 3.01 | 289 | 1343 | $2002111 / 14$ | 14:00:00 | 23.3 | 94.3 | 2.6 | 1 | 2.4 | 134 |
| 1248 | 2002/11/10 | 15:00:00 | 24.5 | 91.5 | 2.2 | 338 | 1.2 | 73 | 1344 | 2002/11/14 | 15:00:00 | 23.6 | 93.3 | 0.6 | 35 | 2.2 | 173 |


| No. | Date | Time |  |  | $\begin{aligned} & \text { 亮 } \\ & \text { 爱 } \\ & \text { D} \\ & \hline \end{aligned}$ |  |  |  | No. | Date | Time |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | yyyyimervad | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |  | yyys:mm:dd | hi:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degrae | m/s | kW/m2 |
| 1345 | 2002/11/74 | 16:00:00 | 23.3 | 94.2 | 1.4 | 57 | 1.8 | 116 | 1441 | 2002/11/19 | 16:00:00 | 24.2 | 89.1 | 0.2 |  | 1.4 | 83 |
| 1346. | 2002/11/14 | 17:00:00 | 23.7 | 88.5 | 0.6 | 65 | 4.9 | 129 | 1442 | 200211118 | 17:00:03 | 24.3 | 90. | 0.0 | 62 | 0.7 | 71 |
| 1347 | 2002/11/14 | 18:00:00 | 22.9 | 94.11 | 0.4 | 39 | 1.0 | 15 | 1443 | $200211 / 178$ | 18:00:00 | 2.4 | 93.0 | 0.0 | 18 | 1.3 |  |
| 1348 | 2002/11/14 | 19:00:00 | 22.4 | 95.9 | 2.4 | 72 | 0.7 | - | 1444 | 2002/11/18 | 19:00:00 | 23.7 | 93.8 | 0.0 | 83 | 0.4 |  |
| 1349 | 2002/11/14 | 20:00:00 | 22.2 | 96.4 | 3.8 | 60 | 1.3 | 0 | 1445 | 2002/1/18 | 20:00:00 | 23.4 | 94.7 | 0.0 | 47 | 1.3 | 0 |
| 1350 | 2002/11/14 | 21:00:00 | 22.4 | 96.1 | 1.2 | 276 | 0.9 | 0 | 1446 | 2002/11/18 | 21:00:00 | 22.8 | 93.0 | 0.4 | 228 | 1.4 | 0 |
| 1351 | 2002/11/14 | 22:00:00 | 22.2 | 96.4 | 0.4 | 53 | 1.7 | 0 | -1447 | 2002/11/18 | 22:00:00 | 22.4 | 94.3 | 1.6 | 255 | 0.9 |  |
| 1352 | 2002/11/14 | 23:00:00 | 22.2 | 95.9 | 0.2 | 90 | 1.1 | 0 | 1448 | 2002/11/19 | 23:00:00 | 22.0 | 85.7 | 2.0 | 294 | 0.7 |  |
| 1353 | 2002/11/15 | 00:00:00 | 22.1 | 95.9 | 0.0 | 29 | 0.8 | 0 | 1449 | 2002/11/19 | 00:00:00 | 22.1 | 96.3 | 0.0 | 58 | 0.5 |  |
| 1354 | 2002/11/15 | 01:00:00 | 22.0 | 96.1 | 0.8 | 338 | 0.6 | 0 | 1450 | 2002/11/19 | 01:00:00 | 22.1 | 96.5 | 0.0 | 326 | 0.7 | 0 |
| 1355 | 2002/11/15 | 02:00:00 | 21.9 | 96.7 | 2.4 | 80 | 0.3 | 0 | 1451 | 2002/11/19 | 02:00:00 | 22.0 | 96.7 | 2.0 | 26 | 0.9 | 0 |
| 1356 | 2002/11/15 | 03:00:00 | 21.8 | 96.9 | 0.6 | 102 | 0.6 | 0 | 1452 | 2002/11/19 | 03:00:00 | 22.0 | 96.8 | 1.0 | 188 | 0.7 |  |
| 1357 | 2002/11/15 | 04:00:00 | 24.9 | 96.5 | 0.2 | 117 | 1.3 | 0 | 1453 | 2002/11/19 | 04:00:00 | 22.0 | 96.9 | 1.2 | 61 | 0.9 | 0 |
| 1358 | 2002/17/15 | 05:00:00 | 21.9 | 96.6 | 0.4 | 101 | 7.1 | 0 | 1454 | 2002/11/99 | 05:00:00 | 21.9 | 96.7 | 0.4 | 101 | 1.0 | 0 |
| 1359 | 2002/11/15 | 06:00:00 | 21.9 | 96.6 | 0.4 | 103 | 4.0 |  | 1455 ! | 2002/11/19 | 06:00:00 | 21.9 | 96.9 | 0.0 | 134 | 0.5 | 15 |
| 1360 | 2002/11/15 | 07:00:00 | 22.0 | 96.1 | 1.8 | 105 | 1.8 | 38 | 1456 | 2002/11/19 | 07:00:00 | 22.3 | 96.3 | 0.2 | 37 | 0.6 | 23 |
| ${ }^{1361}$ | 2002/11/15 | 08:00:00 | 22.7 | 94.3 | 1.6 | 352 | 0.6 | 107 | 1457 | 2002/11/19 | 08:00:00 | 23.3 | 94.6 | 0.0 | 357 | 0.9 | 77 |
| 1362 | 2002/11/15 | 09:00:00 | 23.0 | 91.8 | 0.6 | 9 | 1.3 | 109 | 1458 | 2002/11/19 | 09:00:00 | 23.9 | 93.1 | 0.0 | 233 | 0.4 | 65 |
| 1363 | 2002/11/15 | 10:00:00 | 23.9 | 88.5 | 0.2 | 48 | 1.3 | 259 | 1459 | 2002/11/19 | 10:00:00 | 25.3 | 85.0 | 0.0 | 52 | 1.4 | 331 |
| 1364. | 2002/11/15 | 11:00:00 | 23.9 | 86.5 | 0.0 | 30 | 2.3 | 264 | 1460 | 2002/11/19 | 11:00:00 | 25.3 | 85.3 | 0.2 | 99 | 2.5 | 189 |
| 9365 | 2002/1/15 | 12:00:00 | 23.9 | 86.8 | 0.0 |  | 2.1 | 143 | 1461 | 2002/11/19 | 12:00:00 | 26.6 | 74.3 | 0.0 | 70 | 3.5 | 321 |
| 1366 | 2002/11/15 | 13:00:00 | 24.1 | 85.6 | 0.0 | 19 | 3.3 | 206 | 1462 | 2002/11/19 | 13:00:00 | 25.8 | 81.0 | 0.0 | 68 | 3.9 | 84 |
| 1367 | 2002/19/15 | 14:00:00 | 23.8 | 90.8 | 0.6 | 16 | 2.0 | 192 | 1463 | 2002/11/19 | 14:00:00 | 25.1 | 89.2 | 0.8 | 60 | 2.1 | 260 |
| 1368 | 2002/11/15 | 15:00:00 | 23.5 | 90.7 | 0.8 | 10 | 1.2 | 142 | 1464 | 2002/11/19 | 15:00:00 | 25.8 | 83.9 | 0.0 | 43 | 1.6 | 297 |
| 1369 | 2002/11/15 | 16:00:00 | 22.7 | 93.1 | 1.2 | 25 | 1.7 | 97 | 1465 | 2002/11/19 | 16:00:00 | 23.8 | 93.5 | 1.8 | 43 | 2.1 | 73 |
| 1370 | 2002/11/15 | 17:00:00 | 22.5 | 93.7 | 0.8 | 19 | 0.9 | 41 | -1466 | 200211119 | 17:00:00 | 23.4 | 92.4 | 1.4 | 38 | 1.6 | 21 |
| 1379 | 2002/11/15 | 18:00:00 | 22.11 | 94.8 | 2.0 | 338 | 0.5 | 5 | 1467 | 2002/11/19 | 18:00:00 | 23.0 | 94.7 | 0.8 | 44 | 1.0 |  |
| 1372 | 2002/11/15 | 19:00:00 | 22.0 | 96.1 | 1.2 | 57 | 0.7 | 0 | 1468 | 2002/1/19 | 19:00:00 | 22.8 | 96.0 | 2.4 | 67 | 1.0 |  |
| $\underline{1373}$ | 2002/11/15 | 20:00:00 | 21.8 | 96.3 | 1.2 | 97 | 0.3 | 0 | 1469 | 2002/11/19 | 20:00:00 | 22.6 | 96.2 | 1.4 | 120 | 1.3 |  |
| 1374 | 2002/11/15 | 21:00:00 | 21.7 | 96.4 | 0.8 | 122 | 0.9 | 0 | 1470 | 200211119 | 21:00:00 | 22.7 | 96.1 | 0.2 | 10 | 1.0 |  |
| 1375 | 2002/41/15 | 22:00:00 | 21.8 | .96.3 | 0.2 | 141 | 0.5 | 0 | 1471 | 2002/11/19 | 22:00:00 | 22.7 | 96.3 | 0.0 | 341 | 0.5 |  |
| 1376 | 2002/11/15 | 23:00:00 | 24.8 | 96.4 | 1.6 | 102 | 0.7 | 0 | 1472 | 2002/11/99 | 23:00:00 | 22.7 | 96.5 | 0.0 | 356 | 0.7 |  |
| 1377 | 2002/11/16 | 00:00:00 | 21.6 | 96.8 | 1.6 | 134 | 0.8 |  | 1473 | 200241120 | 00:00:00 | 22.6 | 96.6 | 0.01 | 48 | 0.5 |  |
| 1378 | 2002/11/16 | 01:00:00 | 21.6 | 96.8 | 1.0 | 349 | 0.9 | 0 | 1474. | 200211120 | 01:00:00 | 22.6 | 96.7 | 0.0 | 324 | 0.3 |  |
| 1379. | 2002/11/16 | 02:00:00 | 21.6 | 96.6 | 0.0 | 99 | 0.8 | 0 | 1475 | 2002/11/20 | 02:00:00 | 22.6 | 96.7 | 0.2 | 217 | 0.4 |  |
| 1380 | 2002/11/16 | 03:00:00 | 21.5 | 96.7 | 0.2 | 10 | 0.7 | 0 | 1476 | 2002/11/20 | 03:00:00 | 22.5 | 96.7 | 0.2 | 30 | 0.9 |  |
| 1381 | 2002/11/16 | 04:00:00 | 21.3 | 96.7 | 3.2 | 24 | 0.6 | 0 | 1477 | 2002/11/20 | 04:00:00 | 22.5 | 96.7 | 0.4 | 327 | 0.7 |  |
| 1382 | 2002/11/16 | 05:00:00 | 21.3 | 96.9 | 0.8 | 325 | 0.6 |  | 1478 | 2002/11/20 | 05:00:00 | 22.7 | 96.5 | 0.8 | 139 | 1.2 |  |
| 1383 | 2002/11/16 | 06:00:00 | 21.4 | 96.8 | 0.8 | 24 | 0.4 | 11 | 1479 | 200241120 | 06:00:00 | 22.7 | 96.6 | 0.0 | 304 | 0.6 |  |
| ${ }^{13} 84$ | 2002/11/16 | 07:00:00 | 21.7 | 96.3 | 2.4 | 88 | 1.1 | 68 | 1480 | 2002/11/20 | 07:00:00 | 23.1 | 96.2 | 0.4 | 110 | 0.4 | 68 |
| 1385 | 2002/11/16 | 08:00:00 | 22.4 | 91.9 | 0.6 | 14 | 1.7 | 183 | 1481 | 2002/11/20 | 08:00:00 | 24.8 | 90.4 | 0.0 | 84 | 0.7 | 219 |
| 1386 | 2002/11/16 | 09:00:00 | 22.8 | 90.5 | 0.4 | 92 | 2.8 | 139 | 1482 | $2002111 / 20$ | 09:00:00 | 25.2 | 88.5 | 0.0 | 90 | 1.6 | 221 |
| 1387 | 2002/11/16 | 10:00:00 | 24.0 | 85.1 | 1.0 | 341 | 1.7 | 221 | 1483 | 2002/11/20 | 10:00:00 | 26.8 | 84.3 | 0.0 | 68 | 3.6 | 256 |
| 1388 | 2002/11/16 | 11:00:00 | 23.1 | 91.3 | 1.8 | 41 | 1.7 | 257 | 1484 | 2002f11/20 | 11:00:00 | 26.8 | 85.2 | 0.0 | 84 | 3.3 | 369 |
| 1389 | 2002/11/16 | 12:00:00 | 23.5 | 88.7 | 1.0 | 17 | 2.2 | 289 | 1485 | 200211/120 | 12:00:00 | 27.4 | 81.3 | 0.0 | 107 | 3.4 | 400 |
| 1390 | 2002/11/16 | 13:00:00 | 24.0 | 81.9 | 0.2 | 73 | 2.5 | 471 | 1486 | 2002/11/20 | 13:00:00 | 26.31 | 83.6 | 0.0 | 109 | 4.6 | 272 |
| -1391 | 2002/11/16 | 94:00:00 | 23.7 | 83,4 | 0.0 | 131 | 3.0 | 291 | 1487 | 200211/20 | 14:00:00 | 25.6 | 89.0 | 0.0 | - | 2.8 | 112 |
| 1392 | 2002/11/16 | 15:00:00 | 23.9 | 83.3 | 0.0 | 71 | 3.0 | 295 | 1488 | 2002/1/20 | 15:00:00 | 24.3 | 95.2 | 7.4 | 50 | 1.3 | 195 |
| 1393 | 2002/11/16 | 16:00:00 | 23.2 | 89.1 | 0.0 | 58 | 1.8 | 133 | 1489 | 2002/11/20 | 16:00:00 | 24.4 | 93.4 | 1.4 | 78 | 1.4 | 35 |
| 1394 | 2002/11/16 | 17:00:00 | 22.8 | 91.7 | 0.01 | 15 | 1.1 |  | 1490 | $2002 / 11120$ | 17:00:00 | 23.7 | 95.9 | 4.8 | 68 | 1.2 | 30 |
| 1395 | 2002/11/16 | 18:00:00 | 22.0 | 89.3 | 0.0 |  | 2.5 | 20 | 1491 | 2002/11/20 | 18:00:00 | 23.5 | 96.3 | 11.2 | 124 | 0.7 |  |
| $\underline{1396}$ | 2002111/16 | 19:00:00 | 21.6 | 94.3 | 0.0 | 37 | 0.9 |  | 1492 | 2002/11/20 | 19:00:00 | 23.0 | 96.9 | 14.6 | 107 | 0.7 |  |
| 1397 | 2002/11/16 | 20:00:00 | 21.5 | 95.6 | 0.0 | 67 | 0.7 |  | 1493 | 2002/11/20 | 20:00:00 | 23.1 | 97.1 | 0.0 | 56 | 0.8 |  |
| 1398 | 2002/11/16 | 21:00:00 | 21.4 | 95.8 | 0.0 | 62 | 0.3 | 0 | 1494 | 2002/1/20 | 24:00:00 | 23.1 | 97.2 | 0.0 | 228 | 0.9 |  |
| 1399 | 2002/1/16 | 22:00:00 | 21.4 | 95.8 | 0.0 | 90 | 0.7 |  | 1495 | 2002411/20 | 22:00:00 | 22.9 | 97.2 | 0.2 | 108 | 0.9 |  |
| 1400 | 2002/19/16 | 23:00:00 | 21.3 | 96.5 | 0.0 | 74 | 0.8 | 0 | 1496 | 2002/11/20 | 23:00:00 | 22.9 | 97.3 | 0.2 | 289 | 1.0 |  |
| 1401 | 2002/11/17 | 00:00:00 | 21.3 | 96.6 | 0.0 | 137 | 0.3 |  | 1497 | 2002/11/21 | 00:00:00 | 22.8 | 97.3 | 0.4 | 83 | 0.8 |  |
| 44023 | 200211117 | 04:00:00 | 21.2 | 96.7 | 0.0 | 64 | 0.9 |  | 1498 | 2002111/21 | 01:00:00 | 22.6 | 97.3 | 0.0 | 101 | 1.4 |  |
| 1403 | 2002/11/17 | 02:00:00 | 21.1 | 96.6 | 0.0 | 94 | 0.6 | 0 | 1499 | $2002 / 11 / 21$ | 02:00:00 | 22.5 | 97.3 | 0.2 | 71 | 1.5 |  |
| 1404 | 2002/11/17 | 03:00:00 | 21.0 | 98.8 | 0.0 | 68 | 0.3 | 0 | 1500 | 2002/1/21 | 03:00:00 | 22.2 | 97.1 | 0.0 | 57 | 3.2 |  |
| 1405 | 2002/11/17 | 04:00:00 | 20.7 | 96.9 | 0.0 | 53 | 0.8 | 0 | 1501 | 2002/1/121 | 04:00:00 | 22.2 | 97.1. | 0.2 | 86 | 1.3 |  |
| 1406 | 2002/11/17 | 05:00:00 | 20.5 | 97.0 | 0.0 | 85 | 0.5 | 0 | 1502 | 2002/1/121 | 05:00:00 | 22.0 | 97.0 | 0.2 | 91 | 0.9 |  |
| 1407 | 2002/11/17 | 06:00:00 | 20.6 | 96.8 | 0.01 | 69 | 0.7 | 30 | 1503 | 2002/1/121 | 06:00:00 | 21.9 | 96.9 | 0.4 | 229 | 0.9 | 25 |
| 3408 | 200241117 | 07:00:00 | 21.1] | 95.2 | 0.0 | 33 | 1.0 | 106 | 1504 | 200211121 | 07:00:00 | 22.4 | 96.9 | 0.2 | 38 | 1.2 | 123 |
| 1409 | 2002/11/17 | 08:00:00 | 22.3 | 90.1 | 0.0 | 85 | 1.1 | 193 | 1505 | 2002f11/21 | 08:00:00 | 22.8 | 95.7 | 0.0 | 13 | 1.6 | 130 |
| 1440 | 2002/11/17 | 09:00:00 | 22.7 | 88.9 | 0.0 | 37 | 1.5 | 117 | 1506 | 2002411/21 | 09:00:00 | 23.3 | 94.3 | 0.4 | 59 | 1.8 | 162 |
| 1411 | 2002/11/17 | 10:00:00 | 24.0 | 84.0 | 0.0 | 27 | 1.5 | 249 | 1507 | 2002/1/121 | 10:00:00 | 23.1. | 91.2 | 0.0 | 47 | 2.0 | 210 |
| 1412 | 2002/11/17 | 11:00:00 | 25.2 | 82.0 | 0.0 | 13 | 1.2 | 272 | 1508 | 2002411/21 | 11:00:00 | 24.0 | 91.1 | 0.4 |  | 1.2 |  |
| 1413 | 2002/11/17 | 12:00:00 | 25.7 | 76.6 | 0.0. | 90 | 2.4 | 286 | 1509 | 2002/11/21 | 12:00:00 | 24.1 | 88.0 | 0.0 | 59 | 3.6 | 230 |
| 1414 | 2002/1/17 | 13:00:00 | 26.1 | 75.9 | 0.0 | 126 | 2.5 | 316 | 1518 | 200211121 | 13:00:00 | 24.4 | 84.4 | 0.0 | 43 | 2.9 | 345 |
| 1415 | 2002/11/17 | 14:00:00 | 25.2 | 83.0 | 0.0 | 125 | 3.3 | 199 | 1511 | 2002/1/1/21 | 14:00:00 | 23.6 | 87.7 | 0.0 | 73 | 3.2 | 154 |
| 1416 | 2002/11/17 | 15:00:00 | 25.1 | 88.4 | 0.2 | 71 | 1.9 | 225 | 1512 | 2002/11/21 | 15:00:00 | 24.0 | 84.1 | 0.0 | 55 | 2.4 | 187 |
| 1417 | 2002/11/17 | 16:00:00 | 25.6 | 81.1 | 0.0 | 144 | 2.4 | 108 | 1513 | 2002/1/21 | 16:00:00 | 23.3 | 87.5 | 0.0 | 66 | 2.5 | 71 |
| 1418 | 2002/11/17 | 17:00:00 | 25.0 | 82.6 | 0.0 | 110 | 3.7 | 107 | 1514 | 2002/1/21 | 17:00:00 | 23.2 | 83.8 | 0.0 | 109 | 3.7 | 61 |
| 1419 | 2002/11/17 | 18:00:00 | 24.3 | 89.7 | 0.0 | 45 | 1.1 | 15 | 1515 | 2002/1/121 | 18:00:00 | 22.7 | 83.2 | 0.0 | 74 | 4.7 | 11 |
| 4420 | 2002/11/17 | 19:00:00 | 23,2 | 93.7 | 0.0 | 117 | 0.7 |  | 1516 | $2002111 / 21$ | 19:00:00 | 22.2 | 91.0 | 0.0 | 48 | 1.9 |  |
| -1421 | 2002/11/17 | 20:00:00 | 22.9 | 94.7 | 0.0 | 66 | 0.7 | 0 | 1517 | 2002/1/1/1 | 20:00:00 | 21.4 | 94.7 | 0.2 | 58. | 1.1 | , |
| 1422 | 2002/11/17 | 21:00:00 | 22.8 | 94.9 | 0.0 | 120 | 1.0 | 0 | 1518 | 2002/1/21 | 21:00:00 | 21.3 | 95.9 | 0.0 | 75 | 1.3 |  |
| 1423 | 2002/11/17 | 22:00:00 | 22.4 | 95.8 | 0.0 | 74 | 1.0 |  | 1519 | 200211/21 | 22:00:00 | 21.3 | 95.6 | 0.0 | 79 | 2.0 |  |
| 1424 | 2002/11/17 | 23:00:00 | 22.2 | 96.2 | 0.0 | 108 | 0.9 |  | 1520 | 2002/1/121 | 23:00:00 | 21.1 | 95.9 | 0.2 | 50 | 1.5 |  |
| 1425 | 2002/11/18 | 00:00:00 | 22.0 | 96.6 | 0.0 | 58 | 0.3 |  | 1521 | 2002/1/122 | 00:00:00 | 21.1 | 95.7 | 0.0 | 67 | 1.1 |  |
| 4426 | 2002/11/18 | 01:00:00 | 22.0 | 96.9 | 0.6 | 255 | 0.5 |  | 1522 | 2002/11/22 | 01:00:00 | 21.0 | 95.1 | 0.0 | 116 | 1.0 |  |
| 1427 | 2002/11/18 | 02:00:00 | 21.8 | 97.1 | 0.6 | 354 | 0.4 |  | 1523 | 2002/11/22 | 02:00:00 | 20.8 | 94.9 | 0.0 | 339 | 0.6 |  |
| 1428 | 2002/11/18 | 03:00:00 | 21.9 | 97.1 | 0.0 | 40 | 0.6 | 0 | 1524 | 2002411/22 | 03:00:00 | 20.8 | 94.0 | 0.0 | 111 | 1.6 | 0 |
| 1429 | 2002/11/18 | 04:00:00 | 21.6 | 97.3 | 0.2 | 99 | 0.5 |  | 1525 | $2002 / 1 / 22$ | 04:00:00 | 20.9 | 93.4 | 0.0 | 76 | 1.9 |  |
| 1430 | 2002/11/18 | 05:00:00 | 21.6 | 97.2 | 0.0 | 123 | 0.8 | 0 | 1526 | 2002/1/122 | 05:00:00 | 20.8 | 92.9 | 0.0 | 164 | 1.3 |  |
| 14331 | 2002/11/18 | 06:00:00 | 21.6 | 97.1 | 0.0 | 352 | 0.8 | 33 | 1527 | 2002/11/22 | 06:00:00 | 20.6 | 95.7 | 0.0 | 73 | 1.0 |  |
| - 4432 | 2002/11/18 | 07:00:00 | 22.5 | 96.0 | 0.0 | 125 | 1.3 | 87 | 1528. | $2002111 / 22$ | 07:00:00 | 21.0 | 93.3 | 0.0 | 89 | 1.5 | 81 |
| 1433 | 2002/11/18 | 08:00:00 | 24.5 | 88.6 | 0.0 | 27 | 1.3 | 295 | 1529 | 2002/11/22 | 08:00:00 | 21.5 | 89.5 | 0.0 | 19 | 3.0 | 104 |
| 1434 | 2002/11/18 | 09:00:00 | 25.7 | 79.6 | 0.0 | 111 | 3.9 | 304 | 1530 | 2002/11/22 | 09:00:00 | 22.2 | 82.9 | 0.0 | 326 | 2.4 | 113 |
| 1435 | 2002/11/18 | 10:00:00 | 27.7) | 68.8 | 0.0 | 77 | 3.7 | 476 | 1531 | 2002/11/22 | 10:00:00 | 22.6 | 78.2 | 0.0 | 346 | 2.4 | 149 |
| 1436 | $2002 / 11 / 18$ | 11:00:00 | 26.2 | 75.3 | 0.0 | 38 | 3.5 | 310 | 1532 | 2002/1/122 | 11:00:00 | 23.2 | 79.7 | 0.0 | 2 | 2.2 | 206 |
| 1437 | 2002/11/19 | 12:00:00 | 27.0 | 74.1 | 0.4 | 112 | 2.2 | 697 | 4533 | 2002/ $1 / 1 / 2$ | 12:00:00 | 23.9. | 74.0 | 0.0 | 18 | 2.5 | 356 |
| 1438 | 2002/11/18, | 13:00:00 | 25.8 | 86.2 | 0.2 | 75 | 3.8 | 571 | 1534 | 2002/11/22 | 13:00:00 | 22.0 | 87.5 | 0.0 | 55 | 3.9 | 246 |
| 1439 | 2002311/18 | 14:00:00 | 27.9 | 79.0 | 0.0 | 114 | 3.7 | 565 | 1535 | $2002111 / 22$ | 14:00:00 | 22.0 | 87,3 | 0.0 | 51 | 3.1 | 219 |
| 1440 | 2002/11/18 | 15:00:00 | 26.5 | 73.5) | 0.0 | 81 | 3.9 | 154 | 1536 | 2002/1/122 | 15:00:00 | 22.0 | 85.9 | 0.0 | 36 | 2.9 | 486 |

## APPENDIX 3 Weather observation data in Namosi area（11）

| No． | Date | Time |  | $\begin{aligned} & \text { 咅 } \\ & \text { 亮 } \\ & \text { 号 } \end{aligned}$ |  |  |  |  | No． | Date | Time |  |  |  |  |  | 宮 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | maydmimidd | hh：mm：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | kW／m2 |  | ymy：mm：dd | ht：mmiss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／5 | kW／m2 |
| －1537 | 2002／11／22 | 16：00：00 | 21.8 | 83.6 | 0.0 | 52 | 3.4 | 97 | 1633 | 2002／1／26 | 16：00：00 | 23.5 | 82.6 | 0.0 | 320 | 3.1 |  |
| 1538 | 2002／11／22 | 17：00：00 | 21.7 | 83.4 | 0.0 | 47 | 2.2 | 68 | 1634 | 2002／11／26 | 17：00：00 | 23.4 | 84.0 | 0.0 | 98 | 1.5 |  |
| －1539 | 2002／11／22 | 18：00：00 | 21.2 | 88.2 | 0.0 | 79 | 1.6 | 10 | 1635 | 2002／11／26 | 18：00：00 | 22.6 | 87.2 | 0.0 | 58 | 0.9 | 13 |
| 1540 | 2002／11／22 | 19：00：00 | 20.6 | 93.1 | 0.0 | 97 | 1.2 | 0 | 1636 | 2002／11／26 | 19：00：00 | 22.0 | 91.3 | 0.0 | 113 | 0.9 |  |
| 1541 | 2002／11／22 | 20：00：00 | 20.4 | 94.3 | 0.0 | 17 | 1.1 | 0 | 1637 | 2002／11／26 | 20：00：00 | 21.7 | 93.3 | 0.0 | 48 | 1.0 | 0 |
| 1542 | 2002／11／22 | 21：00：00 | 20.2 | 94.6 | 0.0 | 48 | 0.5 | 0 | 1638 | 2002／11／26 | 21：00：00 | 21.6 | 93.3 | 0.0 | 47 | 0.3 |  |
| 1543 | 2002／11／22 | 22：00：00 | 20.1 | 95.3 | 0.0 | 60 | 0.5 | 0 | 1639 | 2002／11／26 | 22：00：00 | 21.4 | 93.7 | 0.0 | 87 | 1.1 |  |
| 1544 | 2002／11／22 | 23：00：00 | 20.0 | 95.6 | 0.0 | 104 | 0.6 | 0 | 1640 | 2002／11／26 | 23：00：00 | 21.5 | 94.2 | 0.0 | 276 | 1.0 |  |
| 1545 | 2002／11／23 | 00：00：00 | 20.0 | 95.8 | 0.0 | 337 | 0.5 | 0 | 1641 | 2002／11／27 | 00：00：00 | 21.3 | 95.2 | 0.0 | 105 | 0.4 |  |
| 1546 | 2002／11／23 | 01：00：00 | 19.8 | 95.8 | 0.0 | 45 | 0.7 | 0 | 1642 | 2002／11／27 | 01：00：00 | 21.3 | 94.9 | 0.0 | 322 | 0.7 | 0 |
| 1547 | 2002／11／23 | 02：00：00 | 19.8 | 96.2 | 0.0 | 73 | 0.3 |  | 1643. | 2002／11／27 | 02：00：00 | 21.2 | 95.0 | 0.0 | 10 | 0.9 |  |
| 1548 | 2002／1／123 | 03：00：00 | 19.7 | 96.5 | 0.0 | 49 | 0.6 | 0 | 1644 | 2002／11／27 | 03：00：00 | 21，0， | 95.3 | 0.0 | 209 | 0.9 |  |
| 1549 | 2002／11／23 | 04：00：00 | 19.6 | 96.6 | 0.0 | 30 | 0.5 | 0 | 1645 | 2002／11／27 | 04：00：00 | 21.0 | 95.7 | 0.0 | 63 | 0.5 |  |
| 1550 | 2002／11／23 | 05：00：00 | 19.6 | 96.5 | 0.0 | 30 | 0.7 | 0 | 1646 | 2002／11／27 | 05：00：00 | 20.9 | 95.9 | 0.0 | 199 | 0.8 |  |
| －1551 | 2002／11／23 | 06：00：00 | 19.3 | 96.7 | 0.0 | 100 | 0.5 | 47 | 1647 | 2002／11／27 | 06：00：00 | 21.0 | 96.0 | 0.0 | 67 | 0.7 | 18 |
| 1552 | 2002／11／23 | 07：00：00 | 20.9 | 89.1 | 0.0 | 77 | 0.6 | 185 | 1649 | 2002／11／27 | 07：00：00 | 21.5 | 94.2 | 0.0 | 11 | 0.9 | 84 |
| 1553 | 2002／11／23 | 08：00：00 | 23.3 | 72.8 | 0.0 | 42 | 0.8 | 336 | i649 | 2002／11／27 | 08：00：00 | 23.1 | 83.1 | 0.0 | 75 | 0.9 | 187 |
| 1554 | 2002／1／123 | 09：00：00 | 23.2 | 72.9 | 0.0 | 89 | 2.9 | 164 | 1650 | 2002／11／27 | 09：00：00 | 24.6 | 75.9 | 0.0 | 74 | 1.5 | 281 |
| 1555 | 2002／11／23 | 10：00：00 | 23.6 | 72.2 | 0.0 | 57 | 5.0 | 376 | 1651 | 2002／11／27 | 10：00：00 | 25.6 | 69.7 | 0.0 | 38 | 1.5 | 342 |
| 1556 | 2002／11／23 | 11：00：00 | 24.6 | 67.6 | 0.0 | 84 | 3.7 | 399 | 1652 | 2002／11／27 | 11：00：00 | 25.4 | 70.7 | 0.0 | 94 | 2.9 | 213 |
| 1557 | 2002／11／23 | 12：00：00 | 24.8 | 67.7 | 0.0 | 95 | 3.9 | 452 | 1653 | 2002／11／27 | 12：00：00 | 27.0 | 64.4 | 0.0 | 22 | 3.0 | 386 |
| 1558 | 2002／11／23 | 13：00：00 | 25.3 | 64.4 | 0.0 | 89 | 5.4 | 513 | 1654 | 2002／11／27 | 13：00：00 | 25.9 | 67.8 | 0.0 | 145 | 2.9 | 218 |
| 1559 | 2002／1／23 | 14：00：00 | 25.4 | 63.8 | 0.0 | 106 | 3.6 | 415 | 1655 | 2002／11／27 | 14：00：00 | 24.7 | 74.9 | 0.0 | 95 | 3.6 | 111 |
| 1560 | 2002／11／23 | 15：00：00 | 25.6 | 65.0 | 0.0 | 107 | 4.7 | 630 | 4656 | 2002／11／27 | 15：00：00 | 24.0 | 76.6 | 0.0 | 39 | 2.4 | 5 |
| 1561 | 200211／23 | 16：00：00 | 24.4 | 86.9 | 0.0 | 99 | 4.8 | 158 | 1657 | 2002／11／27 | 16：00：00 | 23.4 | 81.9 | 0.0 | 38 | 2.5 | 07 |
| 4562 | 2002／11／23 | 17：00：00 | 23.8 | 68．8 | 0.0 | 100 | 4.1 | 67 | 1658 | 2002／11／27 | 17：00：00 | 23.2 | 84.2 | 0.0 | 28 | 1.4 | 37 |
| 1563 | 2002／11／23 | 18：00：00 | 22.8 | 77.6 | 0.0 | 40 | 2.2 | 17 | 1659 | 2002／11／27 | 18：00：00 | 22.7 | 87.7 | 0.0 | 157 | 0.6 |  |
| 1564 | 2002／11／23 | 19：00：00 | 21.4 | 88.9 | 0.0 | 92 | 0.7 | 0 | 1660 | 2002／11／27 | 19：00：00 | 21.9 | 92.7 | 0.0 | 71 | 1.9 |  |
| 1565 | 2002／11／23 | 20：00：00 | 20.9 | 92.8 | 0.0 | 97 | 0.6 | 0 | 1661 | 2002／11／27 | 20：00：00 | 21.7 | 94.4 | 0.0 | 89 | 1.0 |  |
| 1566 | 2002／1／23 | 21：00：00 | 20.4 | 94.7 | 0.0 | 15 | 0.3 |  | 1682 | $2002111 / 27$ | 21：00：00 | 21.5 | 95.1 | 0.0 | 351 | 0.9 |  |
| 1567 | 2002／11／23 | 22：00：00 | 20.4 | 95．0 | 0.0 | 5 | 0.6 |  | 1663 | 2002／11／27 | 22：00：00 | 21.3 | 95，0 | 0.0 | 336 | 0.6 |  |
| 1568 | 2002／11／23 | 23：00：00 | 20.2 | 95.7 | 0.0 | 77 | 0.8 |  | 1664 | 2002／11／27 | 23：00：00 | 20．9． | 95.1 | 0.2 | 264 | 0.5 | 0 |
| － 1569 | 2002／11／24 | 00：00：00 | 20.1 | 95.9 | 0.0 | 47 | 0.0 | 0 | 1665 | 2002／11／28 | 00：00：00 | 20.8 | 95.8 | 0.4 | 128 | 1.1 |  |
| 1570 | 2002／11／24 | 01：00：00 | 20.1 | 96.4 | 0.2 | 36 | 0.4 | 0 | 1666 | 2002／11／28 | 01：00：00 | 21.0 | 95.9 | 0.6 | 85 | 0.3 |  |
| 1571 | $2002111 / 24$ | 02：00：00 | 20.2 | 96.6 | 0.0 | 53 | 0.6 | 0 | 1667 | 2002／91／28 | 02：00：00 | 20.8 | 96.4 | 1.0 | 29 | 0.3 |  |
| 1572 | 2002／11／24 | 03：00：00 | 20.2 | 96.7 | 0.0 | 62 | 0.3 | 0 | 1668 | 2002／11／28 | 03：00：00 | 20.7 | 95.8 | 0.0 | 49 | 1.1 |  |
| 1573 | 2002／11／24 | 04：00：00 | 20.2 | 96．8． | 0.0 | 68 | 0.6 |  | 1669 | 2002／11／28 | 04：00：00 | 20.5 | 95.9 | 0.2 | 51 | 1.6 |  |
| 1574 | 2002／11／24 | 05：00：00 | 20.1 | 96.9 | 0.0 | 106 | 0.7 |  | 1670 | 2002／11／28 | 05：00：00 | 20.4 | 95.6 | 0.0 | 99 | 0.9 |  |
| 1575 | 2002／11／24 | 06：00：00 | 20.3 | 96.9 | 0.0 | 99 | 0.6 | 26 | 1671 | 2002／11／28 | 06：00：00 | 20.4 | 95.7 | 0.0 | 133 | 0.9 | 18 |
| 1576 | $2002 / 11 / 24$ | 07：00：00 | 21.2 | 94.0 | 0.0 | 76 | 1.0 | 75 | 1672 | 2002／11／28 | 07：00：00 | 21.2 | 90.2 | 0.0 | 18 | 1.1 | 452 |
| 1577 | 2002／11／24 | 08：00：00 | 23.0 | 86.2 | 0.0 | 72 | 2.4 | 292 | 1673 | 2002／11／28 | 08：00：00 | 22.1 | 84.1 | 0.0 | 48 | 1.1 | 35 |
| 1578 | 2002／11／24 | 09：00：00 | 24.8 | 77.2 | 0.0 | 95 | 3.1 | 943 | 1674 | 2002／11／28 | 09：00：00 | 23.3 | 78.2 | 0.0 | 123 | 1.3 |  |
| 1579 | 2002／11／24 | 10：00：00 | 26.3 | 70.5 | 0.0 | 59 | 5.2 | 983 | 1675 | 2002／11／28 | 10：00：00 | 23.9 | 70.6 | 0.0 | 34 | 2.5 | 420 |
| 1580 | 2002／11／24 | 11：00：00 | 26.2 | 70.4 | 0.0 | 99 | 5.2 | 301 | 1676 | 2002／11／28 | 11：00：00 | 24.8 | 68.9 | 0.0 | 91 | 3.1 | 504 |
| 1581 | 2002／11／24 | 12：00：00 | 26.4 | 70.5 | 0.0 | 77 | 6.0 | 650 | 1677 | 2002／11／28 | 12：00：00 | 25.5 | 64.5 | 0.0 | 51 | 2.8 | 415 |
| 1582 | 2002／1／24 | 13：00：00 | 25.3 | 68.2 | 0.0 | 85 | 5.2 | 307 | 1678 | 2002／11／28 | 13：00：00 | 25.2 | 60.1 | 0.0 | 108 | 3.6 | 420 |
| 1583 | 2002／11／24 | 14：00：00 | 25.8 | 66．4 | 0.0 | 83 | 6.5 | 237 | 1679 | 2002／11／28 | 14：00：00 | 25.1 | 62.9 | 0.0 | 127 | 4.2 | 280 |
| 1584 | 2002／11／24 | 15：00：00 | 24.8 | 73.3 | 0.0 | 91 | 4.5 | 78 | 1680 | 2002／11／28 | 15：00：00 | 25.4 | 61.3 | 0.0 | 137 | 4.2 | 405 |
| 1585 | 2002／11／24 | 16：00：00 | 23.6 | 81.7 | 0.0 | 17 | 2.5 |  | 1681 | 2002／11／28 | 16：00：00 | 24.6 | 64.0 | 0.0 | 134 | 4.3 |  |
| 1586 | 2002／11／24 | 17：00：00 | 22.9 | 82.8 | 0.0 | 338 | 2.7 | 40 | 1682 | 2002／11／28 | 17：00：00 | 24.0 | 65.0 | 0.0 | 116 | 2.3 | 94 |
| 1587 | 2002／11／24 | 18：00：00 | 22.5 | 85.8 | 0.0 | 121 | 1.3 |  | 1683 | 2002／11／28 | 18：00：00 | 23.3 | 68.6 | 0.0 | 149 | 2.6 | 16 |
| 1588 | 2002／11／24 | 19：00：00 | 21.4 | 97.6 | 0.0 | 60 | 0.8 |  | 1684 | 2002／11／28 | 19：00：00 | 21.6 | 85.5 | 0.0 | 88 | 1.0 |  |
| 1589 | 2002／11／24 | 20：00：00 | 21.3 | 94.0 | 0.2 | 90 | 0.6 |  | 1685 | 2002／11／28 | 20：00：00 | 21.1 | 88.4 | 0.0 | 117 | 5.2 |  |
| 1590 | 2002／11／24 | 21：00：00 | 21.3 | 95.0 | 0.0 | 108 | 0.7 |  | 1686 | 2002／11／28 | 21：00：00 | 21.0 | 88.5 | 0.0 |  | 0.5 |  |
| ＋591 | 2002／11／24 | 22：00：00 | 21.2 | 94.9 | 0.0 | 46 | 0.8 |  | 1687 | 2002／11／28 | 22：00：00 | 20.8 | 91.5 | 0.0 | 198 | 0.8 |  |
| 1592 | 2002／11／24 | 23：00：00 | 21.1 | 95.6 | 0.0 | 91 | 0.2 |  | 1688 | 2002／11／28 | 23：00：00 | 20.5 | 93．8 | 0.0 | 23 | 0.9 |  |
| 1593 | 2002／11／25 | 00：00：00 | 21.0 | 95.9 | 0.0 | 52 | 0.7 |  | 1689 | 2002／11／29 | 00：00：00 | 20.4 | 94.7 | 0.0 | 87 | 0.7 |  |
| 1594 | 2002／11／25 | 01：00：00 | 20.9 | 96.3 | 0.0 | 2 | 0.8 |  | 1690 | 2002／11／29 | 01：00：00 | 20.2 | 94.7 | 0.0 | 326 | 0.3 |  |
| 1595 | 2002／11／25 | 02：00：00 | 20.8 | 96.2 | 0.0 | 130 | 0.6 |  | 1691 | 2002／11／29 | 02：00：00 | 20.0 | 94.6 | 0.2 | 194 | 0.4 |  |
| 1596 | 2002／1／25 | 03：00：00 | 20.7 | 96.2 | 0.0 | 88 | 0.4 |  | 1692 | 2002／41／29 | 03：00：00 | 20.0 | 95.7 | 0.0 | 87 | 0.7 |  |
| 1597 | $2002111 / 25$ | 04：00：00 | 20.8 | 96.1 | D．C | 125 | 0.5 |  | 1693 | 2002111／29 | 04：00：00 | 20.1 | 95.7 | 0.0 |  | 0.7 |  |
| 1598 | 2002／11／25 | 05：00：00 | 20.7 | 96.3 | 0.0 | 322 | 0.4 |  | 1694 | 2002／11／29 | 05：00：00 | 19.9 | 96.1 | 0.0 | 353 | 0.4 |  |
| 1599 | 2002／11／25 | 06：00：00 | 20.7 | 96.5 | 0.0 | 59 | 0.0 | 31 | 1695 | 2002／11／29， | 06：00：00 | 20.0 | 95.8 | 0.0 | 109. | 0.5 |  |
| 1600 | 2002／11／25 | 07：00：00 | 22.2 | 91.4 | 0.0 | 78 | 0.6 | 368 | 1696 | 2002／11／29 | 07：00：00 | 20.4 | 93.0 | 0.0 | 246 | 0.9 | 74 |
| 1601 | 2002／11／25 | 08：00：00 | 25.5 | 71.9 | 0.0 | 58 | 2.1 | 571 | 1697 | 2002／11／29 | 08：00：00 | 22.0 | 82.3 | 0.0 | 142 | 0.9 | 249 |
| 1602 | $2002 / 11 / 25$ | 09：00：00 | 27.0 | 65.2 | 0.0 | 63 | 3.0 | 802 | 1638 | 2002／11／29 | 09：00：00 | 24.8 | 86.1 | 0.0 | 87 | 1.3 | 385 |
| 1603 | 2002／11／25 | 10：00：00 | 27.8 | －65．2 | 0.0 | 41 | 2.3 | 824 | 1699 | 2002／11／29 | 10：00：00 | 24.0 | 69.2 | 0.0 | 27 | 2.2 | 326 |
| 1604 | 2002／11／25 | 11：00：00 | 28.6 | 55.5 | 0.0 | 45 | 4.3 | 615 | 1700 | 2002／11／29 | 11：00：00 | 24.7 | 66.1 | 0.0 | 314 | 3.6 | 466 |
| 1605 | 2002／11／25 | 12：00：00 | 29.3 | 60.8 | 0.0 | 69 | 4.4 | 1342 | ， | 2002／11／29 | 12：00：00 | 26.1 | 61.5 | 0.0 |  | 4.0 | 572 |
| 1806 | 2002／11／25 | 13：00：00 | 29.4 | 49.3 | 0.0 | 145 | 4.3 | 673 | 1702 | 2002／11／29 | 13：00：00 | 24.9 | 69.8 | 0.0 | 81 | 3.8 | 357 |
| 1607 | 2002／11／25 | 14：00：00 | 28.2 | 54.7 | 0.0 | 138 | 3.8 | 319 | 1703 | 2002／11／29 | 14：00：00 | 24.3 | 68.5 | 0.0 | $10 \pm$ | 3.1 | 165 |
| 1608 | 2002／11／25 | 15：00：00 | 28.3 | 51.3 | 0.0 | 72 | 4.7 | 294 | 1704 | $2002111 / 29$ | 15：00：00 | 24.3 | 68.5 | 0.0 | 88. | 1.0 | 139 |
| 1609 | 2002／11／25 | 16：00：00 | 27.4 | 57.2 | 0.0 | 127 | 4.5 | 191 | 1705 | 2002／11／29 | 16：00：00 | 24.0 | 68.8 | 0.0 | 85 | 3.1 | 119 |
| 1610 | 2002／11／25 | 17：00：00 | 26.4 | 55.3 | 0.0 | 141 | 6.0 | 154 | 1706 | 2002／11／29 | 17：00：00 | 23.8 | 68.1 | 0.0 |  | 2.1 | 71 |
| 1611 | 2002／f1／25 | 18：00：00 | 24.6 | 70.6 | 0.0 | 280 | 0.7 | 23 | 1707 | 2002／11／29 | 18：00：00 | 22.6 | 80.6 | 0.0 | 97 | 1.9 | 11 |
| 1612 | 2002／11／25 | 19：00：00 | 22.7 | 85.7 | 0.0 | 290 | 0.4 |  | 1708 | 200241129 | 19：00：00 | 21.5 | 88.6 | 0.0 | 106 | 0.4 |  |
| 1613 | 2002／11／25 | 20：00：00 | 21.9 | 90.4 | 0.0 | 309 | 0.5 |  | 1709 | 2002／11／29 | 20：00：00 | 20.9 | 91.4 | 0.0 | 79 | 0.8 |  |
| 1614 | 2002／11／25 | 21：00：00 | 21.6 | 92.9 | 0.0 | 327 | 0.6 |  | 1710 | 2002／11／29 | 21：00：00 | 20.8 | 93.2 | 0.0 | 2 | 0.2 | － 0 |
| 1615 | 2002／11／25 | 22：00：00 | 21.5 | 92.4 | 0.0 | 351 | 0.8 |  | 1711 | 2002／11／29 | 22：00：00 | 20.6 | 93.6 | 0.0 | 109 | 0.8 |  |
| 1616 | 2002／11／25 | 23：00：00 | 21.8 | 91.3 | 0.0 | 165 | 1.3 |  | 1712 | 2002111／29 | 23：00：00 | 20.5 | 94.4 | 0.0 | 59 | 0.7 | －－0 |
| 1617 | 2002／11／26 | 00：00：00 | 21.6 | 93.7 | 0.0 | ， | 0.6 |  | 1713 | 200211130 | 00：00：00 | 20.2 | 95.0 | 0.0 | 48 | 0.4 | 0 |
| 1619 | 2002／1＋／26 | 01：00：00 | 21.4 | 94.6 | 0.0 | 93 | 0.0 |  | 1714 | 2002／11／30 | 01：00：00 | 20.2 | 93.8 | 0.0 | 168 | 1.3 | － 0 |
| 1619 | 2002／11／26 | 02：00：00 | 21.4 | 95.1 | 0.0 | 66 | 0.0 |  | 1715 | 2002／11／30 | 02：00：00 | 20.2 | 94.6 | 0.0 | 347 | 1.0 | － 0 |
| 1620 | 2002／11／26 | 03：00：00 | 21.4 | 94.7 | 0.0 | 75 | 0.5 |  | 1716 | 2002／11／30 | 03：00：00 | 20.1 | 95.4 | 0.0 | 47 | 0.5 |  |
| 1621 | 2002／11／26 | 04：00：00 | 21.4 | 95.1 | 0.0 | 28 | 0.7 |  | 1717 | 2002／11／30 | 04：00：00 | 20.1 | 95.7 | 0.0 | 216 | 0.9 |  |
| 1622 | 2002／11／26 | 05：00：00 | 21.6 | 93.6 | 0.0 | 233 | 0.9 |  | 1718 | 2002／11／30 | 05：00：00 | 20.1 | 95.2 | 0.0 | 89 | 1.3 | 0 |
| 1623 | 2002／11／26 | 06：00：00 | 21.6 | 93.0 | 0.0 | 227 | 0.9 | 19 | 1719 | 2002／1130 | 06：00：00 | 20.2 | 94.7 | 0.0 | 352 | 0.4 | 20 |
| 1624 | 2002／11／26 | 07：00：00 | 22.7 | 89.8 | 0.0 | 338 | 0.6 | 104 | 1720 | 2002／1／30 | 07：00：00 | 21.1 | 90.3 | 0.0 | 50 | 1.4 | 63 |
| 1625 | 2002／11／26 | 08：00：00 | 22.7 | 90.5 | 0.0 | 44 | 1.2 | 83 | 1721 | 2002／1／30 | 08：00：00 | 22.3 | 83.4 | 0.0 |  | 0.6 | 180 |
| 1626 | 2002／11／26 | 09：00：00 | 23.6 | 82.0 | 0.0 | 267 | 1.0 | 105 | 1722 | 2002／11／30 | 09：00：00 | 24.2 | 73，9， | 0.0 | 306 | 2.1 | －241 |
| 1627 | 2002／11／26 | 10：00：00 | 25.1 | 77.6 | 0.0 | 51 | 1.0 | 243 | 1723 | 2002／11／30 | 10：00：00 | 23.4 | 80.3 | 0.0 | 92 | 2.5 | 189 |
| 1628 | 2002／11／26 | 11：00：00 | 25.4 | 76.1 | 0.0 | 322 | 2.7 | 272 | 1724 | 2002／11／30 | 11：00：00 | 24.5 | 72.7 | 0.0 | 347 | 1.2 | －197 |
| 1629 | 2002／11／26 | 12：00：00 | 25.5 | 73.1 | 0.0 | 178 | 3.9 | 156 | 1725 | 2002／11／30 | 12：00：00 | 23.7 | 79.9 | 0.0 | 82 | 2.8 | 340 |
| 1630 | 2002／11／26 | 13：00：00 | 25.2 | 76.8 | 0.0 | 98 | 2.5 | 125 | 1726 | 2002／11／30 | 13：00：00 | 24.2 | 75.8 | 0.0 | 29 | 2.2 | 254 |
| 1631 | $2002 / 11 / 26$ | 14：00：00 | 23.8 | 83.9 | 0.0 | 352 | 2.3 | 179 | 1727 | 2002／1／30 | 14：00：00 | 25.3 | 71.1 | 0.0 | 320 | 2.5 |  |
| 1632 | 2002／11／26 | 15：00：00 | 23.3 | 86.7 | 0.0 | 17 | 2.8 | 99 | 1728 | 2002／11／30 | 15：00：00 | 23.2 | 80.6 | 0.0 | 84 | 2.8 | 91 |


| No． | Date | Time |  |  |  |  |  |  | No． | Date | Time |  | $\begin{aligned} & \text { 言 } \\ & \text { 解 } \end{aligned}$ |  |  | $\begin{aligned} & \text { 㤟 } \\ & \frac{0}{2} \\ & \frac{2}{3} \\ & \frac{2}{3} \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | myyimmidd | nh：mm：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | kW／m2 |  | may mm：dd | hh：man：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degrea | m／s | kW／m2 |
| 1729 | 2002／11／30 | 16：00：00 | 22.8 | 84.0 | 0.0 | 12 | 2.1 | 68 | 182 | 200211215 | 00：00：00 | 24.1 | 95.9 | 0.2 | 320 | 0.7 |  |
| 1730 | 2002／1／30 | 17：00：00 | 22.6 | 81.0 | 0.0 | 56 | 3.0 | 53 | 1825 | 2002／12／5 | 07：00：00 | 24.0 | 95.7 | 0.0 | 184 | 0.3 |  |
| 1731 | 2002／11／30 | 18：00：00 | 22.0 | 85.9 | 0.0 | 85 | 1.3 | 13 | 1826 | 2002／12／5 | 02：00：00 | 23.9 | 96.2 | 0.2 | 329 | 0.4 |  |
| 1732 | 2002／11／30 | 19：00：00 | 21.6 | 90.9 | 0.0 | 301 | 0.9 | 0 | 182 | 2002／12／5 | 03：00：00 | 23.8 | 96.2 | 0.0 | 323 | 0.9 |  |
| 1733 | 2002／1／30 | 20：00：00 | 21.3 | 91.7 | 0.0 | 37 | 0.6 |  | 1828 | 2002／12／5 | 04：00：00 | 23.7 | 96.4 | 0.0 | 313 | 0.5 |  |
| 1734 | 2002／11／30 | 21：00：00 | 21.1 | 93.5 | 0.0 | 184 | 1.0 |  | 1829 | 2002／12／5 | 05：00：00 | 23.5 | 96.5 | 0.0 | 41 | 0.6 |  |
| 1735 | 2002／1／30 | 22：00：00 | 21.0 | 94.0 | 0.0 | 143 | 0.6 | 0 | 1830 | 2002／12／5 | 06：00：00 | 23.6 | 96.7 | 0.0 | 78 | 0.6 | 30 |
| 1736 | 2002／11／30 | 23：00：00 | 20.7 | 95.1 | 0.0 | 3 | 0.8 | 0 | 1831 | 2002／1／15． | 07：00：00 | 24.4. | 96.6 | 0.0 | 41 | 0.1 | 200 |
| 1737 | 2002／12／1 | 00：00：00 | 20.7 | 95.3 | 0.0 | 340 | 0.4 |  | 1832 | 2002／12／5 | 08：00：00 | 27.4 | 81.1 | 0.0 | 45 | 1.2 | 398 |
| 1736 | 2002／12／1 | 01：00：00 | 20.6 | 95.6 | 0.0 | 30 | 0.6 |  | 183 | 2002／12／5 | 09：00：00 | 27.9 | 78.3 | 0.0 | 259 | 2.7 | 373 |
| 1739 | 2002／12／1 | 02：00：00 | 20.5 | 95.9 | 0.0 | 27 | 0.3 |  | 183 | 2002／ $12 / 5$ | 10：00：00 | 29.5 | 71.5 | 0.0 | 84 | 3.4 | 275 |
| 1740 | 2002／12／f | 03：00：00 | 20.3 | 96.3 | 0.0 | 228 | 0.6 | 0 | 1835 | 2002／12／5 | 11：00：00 | 30.3 | 67.9 | 0.0 | 75 | 3.0 | 455 |
| 1741 | 2002／12／4 | 04：00：00 | 20.0 | 96.0 | 0.0 | 251 | 0.7 |  | 183 | $2002 / 12$ | 12：00：00 | 31.7 | 59.4 | 0.0 | 253 | 5.0 | 980 |
| 1742 | 2002／12／1 | 05：00：00 | 19.9 | 96.0 | 0.0 | 63 | 0.4 | 0 | 183 | 2002／12／5 | 13：00：00 | 30.6 | 69.0 | 0.0 | 124 | 3.9 | 434 |
| 1743 | 2002／12／1 | 06：00：00 | 20.0 | 96.5 | 0.0 | 54 | 0.6 | 28 | 1838 | 2002／12／5 | 14：00：00 | 30.5 | 70.9 | 0.0 | 300 | 4.1 | 1203 |
| 1744 | 2002／12／1 | 07：00：00 | 20.5 | 94.1 | 0.0 | 9 | 0.6 | 67 | 183 | 2002／12／5 | 15：00：00 | 29.7 | 69.5 | 0.0 | 249 | 4.3 | 350 |
| 1745 | 2002／12／1 | 08：00：00 | 21.7 | 88.5 | 0.0 | 123 | 0.4 | 124 | 1840 | 2002／12／5 | 16：00：00 | 27.7 | 78.4 | 0.0 | 276 | 4.9 | 179 |
| 1746 | 2002／1211 | 09：00：00 | 23.3 | 81.8 | 0.0 | 54 | 0.9 | 206 | 184 | 2002／12／5 | 17：00：00 | 26.4 | 86.1 | 0.0 | 290 | 3.6 |  |
| 1747 | 2002／12／1 | 10：00：00 | 24.11 | 74.6 | 0.0 | 23 | 2.1 | 213 | 1842 | 2002／1215 | 18：00：00 | 25.4 | 90.3 | 0.0 | 335 | 4.2 | 31 |
| 1748 | 2002／12／1 | 11：00：00 | 25.0 | 67.3 | 0.0 | 27 | 2.5 | 330 | 1843 | 2002／12／5 | 19：00：00 | 24.7 | 92.3 | 0.0 | 65 | 0.7 |  |
| 1749 | 2002／42／1 | 12：00：00 | 26.3 | 64.7 | 0.0 | 103 | 4.0 | 617 | 1844 | 2002／1215 | 20：00：00 | 24.5 | 94.1 | 0.2 | 214 | 0.2 |  |
| 1750 | 20021121 | 13：00：00 | 26.4 | 61.8 | 0.0 | 113 | 2.7 | 884 | 1845 | 200241215 | 21：00：00 | 24.2 | 94.7 | 0.6 | 335 | 0.3 |  |
| 1751 | 2002／12／1 | 14：00：00 | 25.0 | 64.3 | 0.0 | 96 | 3.2 | 98 | 1846 | 2002／1215 | 22：00：00 | 24.1 | 95.2 | 0.6 | 160 | 0.8 |  |
| 1752 | 2002／12／1 | 15：00：00 | 24.8 | 65.9 | 0.0 | 120 | 3.4 | 190 | 1847 | 2002／12／5 | 23：00：00 | 24．0 | 95.3 | 0.2 | 13 | 0.9 |  |
| 1753 | 2002／12／1 | 16：00：00 | 25，9 | 64.8 | 0.0 | 5 | 3.8 | 499 | 1848 | 2002／12 | 00：00：00 | 23.9 ． | 95.7 | 0.0 | 54 | 0.4 |  |
| 1754 | 2002／12／1 | 17：00：00 | 24.9 | 67．3 | 0.0 | 90 | 3.4 | 119 | 1849 | 200212126 | 01：00：00 | 23.61 | 95. | 0.0 | 215 | 0.3 |  |
| 1755 | 2002／12／9 | 48：00：00 | 23.7 | 72.3 | 0.0 | 86 | 3.1 | 33 | 1850 | 2002／12／6 | 02：00：00 | 23.5 | 96.0 | 0.0 | 73 | 0.3 |  |
| 1756 | 2002／12／1 | 19：00：00 | 20.9 | 88.7 | 0.0 | 117 | 1.2 |  | 1851 | 2002／12／6 | 03：00：00 | 23.4 | 96.3 | 0.0 |  | 0.5 |  |
| 1757 | 2002／12／1 | 20：00：00 | 19.5 | 94.3 | 0.0 | 115 | 0.8 | 0 | 1852 | 2002／12／6 | 04：00：00 | 23.2 | 96.5 | 0.2 | 355 | 0.5 |  |
| 1758 | 2002／211 | 21：00：00 | 19.2 | 95.6 | 0.0 | 89 | 0.2 |  | 1853 | $20021+2 / 6$ | 05：00：00 | 23.1 | 96.6 | 0.0 | 94 | 0.6 |  |
| 1759 | 2002／12／1 | 22：00：00 | 19.4 | 95.8 | 0.0 |  | 0.6 |  | 1854 | 2002／12／6 | 06：00：00 | 23.2 | 96.5 | 0.0 | 1 | 0.8 | 38 |
| －1780 | 2002／42／1 | 23：00：00 | 19.4 | 96.3 | 0.0 | 78 | 0.5 |  | 1855 | 2002／12／6 | 07：00：00 | 24.2 | 92.0 | 0.0 | 52 | 0.8 | 127 |
| 1761 | 2002／12／2 | 00：00：00 | 19.1 | 96.3 | 0.0 | 127 | 0.9 |  | 1856 | 2002／12／6 | 08：00：00 | 25.9 | 82.7 | 0.0 | 352 | 1.8 | 544 |
| 1762 | 2002／12／2 | 01：00：00 | 19.2 | 96．6 | 0.0 | 79 | 0.4 | 0 | 1857 | 2002／12／6 | 09：00：00 | 25.7 | 85.8 | 0.01 | 239 | 4.0 | 558 |
| 1763 | 2002／12／2 | 02：00：00 | 19.0 | 96.8 | 0.0 | 118 | 0.1 | 0 | 1858 | 2002112 | 10：00：00 | 28.4 | 75.7 | 0.01 | 16 | 2.1 | 1073 |
| 1764 | 2002／12／2 | 03：00：00 | 18.7 | 97.0 | 0.0 | 58 | 0.0 | 0 | 1859 | 2002／1276 | 11：00：00 | 28.1 | 71.9 | 0.0 | 25 | 4.4 | 781 |
| 1765 | 2002／12／2 | 04：00：00 | 18.4 | 97.2 | 0.0 | 240 | 0.3 |  | 1860 | 2002／12／6 | 12：00：00 | 30.2 | 67.8 | 0.0 | 214 | 3.0 | 1277 |
| 1766 | 2002／12／2 | 05：00：00 | 18.6 | 97.3 | 0.01 | 277 | 0.4 |  | 1861 | 2002／12／6 | 13：00：00 | 28.8 | 72.3 | 0.0 | 245 | 2.1 | 288 |
| 1767 | 2002／12／2 | 06：00：00 | 18.8 | 97．5 | 0.0 | 16 | 0.1 | 41 | 1862 | 2002／12／6 | 14：00：00 | 27.3 | 81.4 | 0.8 | 97 | 3.0 | 282 |
| 1768 | 2002／12／2 | 07：00：00 | 22.4 | 84.7 | 0.0 | 93 | 0.7 | 252 | 1863 | 2002／12 | 15：00：00 | 26.1 | 87.3 | 0.0 | 350 | 1.5 |  |
| 1769 | 2002／12／2 | 08：00：00 | 25.3 | 72.7 | 0.0 | 97 | 0.6 | 397 | 1864 | 2002／12／6 | 16：00：00 | 26.2 | 81.6 | 0.0 | 297 | 3.6 | 231 |
| 1770 | 2002／12／2 | 09：00：00 | 25.9 | 71.5 | 0.0 | 276 | 0.9 | 295 | 1865 | 2002／12／6 | 17：00：00 | 24.8 | 88.5 | 0.0 | 232 | 3.0 | 71 |
| 1771 | 2002／12／2 | 10：00：00 | 27.0 | 67.9 | 0.0 | 60 | 4.3 | 461 | 1866 | 2002／12／6 | 18：00：00 | 24.1 | 90.9 | 0.0 | 261 | 1.3 | 31 |
| 1772 | 2002／12／2 | 11：00：00 | 26.1 | 71.8 | 0.0 | 69 | 3.4 | 463 | 1867 | 2002／12／6 | 19：00：00 | 23.9 | 92.0 | 0.0 | 178 | 0.7 |  |
| 1773 | 2002／12／2 | 12：00：00 | 26.0 | 73.3 | 0.0 | 62 | 4.1 | 354 | 1868 | 2002／12／6 | 20：00：00 | 23.6 | 92.8 | 0.0 | 242 | 1.4 |  |
| 1774 | 2002／12／2 | 13：00：00 | 24.9 | 81.5 | 0.0 | 60 | 3.5 | 397 | 1869 | 2002／12／6 | 21：00：00 | 23.4 | 94.3 | 0.0 | 26 | 0.7 |  |
| 1775 | 2002／12／2 | 14：00：00 | 24.4 | 84.4 | 0.0 | 114 | 3.4 | 349 | 1870 | 2002／12／6 | 22：00：00 | 23.4 | 95.6 | 0.6 | 109 | 0.6 |  |
| 1776 | 2002／12／2 | 15：00：00 | 24.0 | 85.5 | 0.0 | 50 | 2.8 | 235 | 1871 | 2002／12／6 | 23：00：00 | 23.1 | 96.0 | 3.0 | 69 | 0.7 |  |
| 1777 | 2002／12／2 | 16：00：00 | 23.7 | 87.5 | 0.0 | 57 | 2.6 | 156 | 1872 | 2002／12 7 | 00：00：00 | 23，0 | 95.8 | 0.0 |  | 0.8 |  |
| 1778 | 2002／12／2 | 17：00：00 | 24.0 | 83.7 | 0.0 | 56 | 3.0 | 105 | 1873 | 2002／127 | 01：00：00 | 23.0 | 95．2 | 0.0 | 321 | 0.8 |  |
| 1779 | 2002／12／2 | 18：00：00 | 23.7 | 85.3 | 0.0 | 55 | 1.6 | 26 | 1874 | 2002／12／7 | 02：00：00 | 22.6 | 95.7 | 0.0 | 77 | 0.3 |  |
| 1780 | 2002／12／2 | 19：00：00 | 22.4 | 93.5 | 0.01 | 127 | 0.3 |  | 1875 | 2002／127 | 03：00：00 | 22.7 | 96. | 0.0 | 96 | 0.5 |  |
| 1781 | 2002／12／2 | 20：00：00 | 22.2 | 94.7 | 0.4 | 130 | 1.1 |  | 1876 | 20021127 | 04：00：00 | 22.5 |  | 0.0 |  | 0.3 |  |
| 1782 | 2002／12／2 | 21：00：00 | 22.2 | 95.9 | 0.6 | 75 | 0.9 |  | 1877 | 2002／12／7 | 05：00：00 | 22.4 | 96.5 | 0.0 | 58 | 0.6 |  |
| 1783 | 2002／12／2 | 22：00：00 | 22.2 | 96.1 | 0.0 | 95 | 0.6 |  | 1878 | 2002／1277 | 06：00：00 | 22.5 | 96.7 | 0.0 | 64 | 0.5 | － 20 |
| 1784 | 2002／12／2 | 23：00：00 | 22.2 | 96.3 | 0.2 | 63 | 1.0 |  | 1879 | 2002／12／7 | 07：00：00 | 23.3 | 96.0 | 0.0 | 52 | 0.8 | 207 |
| 1785 | 2002／12／3 | 00：00：00 | 22.1 | 96.4 | 0.2 | 107 | 1.3 |  | 1880 | 2002／12／7 | 08：00：00 | 25.3 | 85.4 | 0.0 | 41 | 0.9 | 313 |
| 1786 | 2002／12／3 | 01：00：00 | 22.1 | 96.5 | 0.4 | 143 | 0.9 |  | 1881 | 2002／12 | 09：00：00 | 26.3 | 78.6 | 0.0 | 81 | 3.2 | 682 |
| 7787 | $2002 / 12 / 3$ | 02：00：00 | 22.0 | 96.6 | 0.8 | 85 | 0.2 |  | 1882 | 2002／i27 | 10：00：00 | 27.3 | 73.6 | 0.0 | 339 | 3.2 | 437 |
| 1788 | 2002／12／3 | 03：00：00 | 21.9 | 95.7 | 0.8 | 298 | 0.5 |  | 1883 | 2002412 | 11：00：00 | 28.9 | 68.4 | 0.0 | 68 | 2.7 | 543 |
| 1789 | 2002／12／3 | 04：00：00 | 22.0 | 96.6 | 0.4 | 71 | 0.4 |  | 1884 | 20027127 | 12：00：00 | 28.5 | 75.2 | 0.0 | 91 | 3.4 | 416 |
| 1790 | 2002／12／3 | 05：00：00 | 22.0 | 96.7 | 0.2 | 127 | 0.1 |  | 1885 | 2002／127 | 13：00：00 | 29.9 | 69.4 | 0.0 | 118 | 4.7 | 1259 |
| 1791 | 2002／12／3 | 06：00：00 | 22.0 | 96.7 | 0.0 | 87 | 0.8 | 18 | 1886 | 2002／12 | 14：00：00 | 30.7 | 63.5 | 0.0 | 76 | 4.9 | 1022 |
| 1792 | 2002／12／3 | 07：00：00 | 22.5 | 96.2 | 0.2 | 20 | 0.6 | 87 | 1887 | 2002／12／7 | 15：00：00 | 29.6 | 70.8 | 0.0 | 106 | 6.2 | 293 |
| 1793 | 2002／12／3 | 08：00：00 | 23.4 | 92.9 | 0.2 |  | 1.0 | 135 | 1888 | 2002／12／ | 16：00：00 | 28.1 |  | 0.0 |  | 4.4 | 81 |
| 1794 | 2002／12／3 | 09：00：00 | 24.2 | 89.6 | 0.0 | 52 | 2.2 | 225 | 1889 | 2002／127 | 17：00：00 | 26.7 | 79.5 | 0.0 | 76 | 4.5 | － 20 |
| 1795 | 2002／12／3 | 10：00：00 | 26.4 | 82.4 | 0.2 | 13 | 2.9 | 865 | 1890 | 2002／127 | 18：00：00 | 25.5 | 88.8 | 0.0 | 52 | 3.5 |  |
| 1796 | 2002／12／3 | 11：00：00 | 25.2 | 86.8 | 0.0 | 9 | 2.5 | 566 | 1891 | 2002／127 | 19：00：00 | 24.6 | 94.1 | 0.4 | 70 | 1.2 |  |
| 1797 | 2002／12／3 | 12：00：00 | 26．5， | 77.9 | 0.0 | 88 | 4.9 | 507 | 1892 | 2002／1277 | 20：00：00 | 24.5 | 94.8 | 1.6 | 117 | 0.7 |  |
| 1798 | 2002／12／3 | 13：00：00 | 26.3 | 75.6 | 0.0 | 201 | 5.5 | 281 | 1893 | 2002／12／ | 21：00：00 | 24.4 | 95.5 | 0. | 126 | 0.7 |  |
| 1799 | 2002／12／3 | 14：00：00 | 26.0 | 78.0 | 0.0 | 110 | 4.9 | 506 | 1894 | 2002／12 | 22：00：00 | 24.2 | 95.5 | 1.0 | 64 | 0.6 |  |
| 1800 | 2002／12／3 | 15：00：00 | 26.8 | 75.0 | 0.0 | 14 | 3.9 | 387 | 1895 | 20021127 | 23：00：00 | 23.9 | 95.8 | 4.4 | 319 | 0.5 |  |
| 1801 | 2002／12／3 | 16：00：00 | 25.9 | 78.2 | 0.0 | 86 | 4.4 | 244 | 1896 | 2002／12／8 | 00：00：00 | 23.7 | 95. | 4.4 |  | 3.5 |  |
| 9802 | 2002／12／3 | 17：00：00 | 24.5 | 85.5 | 0.0 | 92 | 3.5 | 105 | 1897 | 2002／12／8 | 01：00：00 | 23.5 | 96. | 4.4 | 343 | 1.0 |  |
| －1803 | 2002／4213 | 18：00：00 | 23.6 | 92.6 | 0.0 | 266 | 1.5 | 60 | 1898 | 2002／12／8 | 02：00：00 | 23.4 | 96. | 2.2 | 28 | 0.2 |  |
| 1804 | 2002／12／3 | 19：00：00 | 23.1 | 94.7 | 0.6 | 114 | 0.8 |  | 1899 | 2002／1218 | 03：00：00 | 23.1 | 96. | 3. | 245 | 3.5 |  |
| 1805 | 2002／12／3 | 20：00：00 | 23.0 | 95.4 | 1.0 | 356 | 1.6 |  | 1900 | 2002／12／8 | 04：00：00 | 23.1 | 96. | 2.4 | 47 | 0.0 |  |
| 1806 | 2002／12／3 | 21：00：00 | 23.1 | 96.0 | 1.2 | $1 \pm 2$ | 0.7 |  | 1901 | 2002／12／8 | 05：00：00 | 23.1 | 96.2 | 2.2 | 47 | 0.1 |  |
| 1807 | 2002／12／3 | 22：00：00 | 23.2 | 95.8 | 1.8 | 293 | 0.9 |  | 1902 | 2002／1218 | 06：00：00 | 23，0 | 96. | 0.8 | 39 | 1.0 | －18 |
| 1808 | 2002／12／3 | 23：00：00 | 23.2 | 96.1 | 1.0 | 42 | 0.6 |  | 1903 | 2002112／8 | 07：00：00 | 23.3 | 94.3 | 0.2 | 49 | 1.1 | － 89 |
| 1809 | 2002／12／4 | 00：00：00 | 23.2 | 96．3 | 1.0 | 348 | 0.5 |  | 1904 | $2002 / 12 / 8$ | 08：00：00 | 23.7 | 91.4 | 0.4 | 359 | 1.5 |  |
| 1810 | 2002／12／4 | 01：00：00 | 23.2 | 96.2 | 1.6 | 312 | 1.2 |  | 1905 | 2002／1218 | 09：00：00 | 24.1 | 90.2 | 0.2 | 59 | 3.2 | 277 |
| 1811 | 2002／12／4 | 02：00：00 | 23.3 | 96.4 | 0.8 | 12 | 1.4 |  | 1906 | 200211278 | 10：00：00 | 25.5 | 81.5 | 0. | 42 | 2.9 | 248 |
| 1812 | 2032／12／4 | 03：00：00 | 23.2 | 36，5 | 0.4 | 223 | 1.0 |  | 1907 | 2002／42／8 | 11：00：00 | 26.4 | 77.9 | ． | 63 | 3.5 | 429 |
| 1813 | 2002／12／4 | 04：00：00 | 23，2 | 96.6 | 1.0 | 70 | 0.5 |  | 1908 | 2002／12／8 | 12：00：00 | 27.2 | 68.8 | 0.0 | 47 | 3.3 | 498 |
| 1814 | 2002／12／4 | 05：00：00 | 23,3 | 96.7 | 1.8 | 329 | 0.8 |  | 1909 | 2002／12／4 | 13：00：00 | 27.9 | 69.0 | 0.0 | 359 | 2.4 | 39 |
| 1815 | 2002／12／4 | 06：00：00 | 23.3 | 96.8 | 0.8 | 93 | 0.6 | 20 | 1910 | 2002／12／8 | 14：00：00 | 28.6 | 66.1 | 0.0 | 3 | 2.1 | 570 |
| 1816 | 2002／12／4 | 07：00：00 | 23.7 | 96.5 | 1.0 | 41 | 0.9 | 59 | 1911 | 2002／12／8 | 15：00：00 | 27.9 | 74.8 | 0.0 | 99 | 3.0 | 313 |
| 1817 | 2002／12／4 | 08：00：00 | 24.4 | 94.9 | 1.4 | 96 | 0.9 | 201 | 1912 | 2002／12／8 | 16：00：00 | 27.2 | 74.9 | 0.0 | 87 | 2.5 | － 239 |
| 1818 | 2002／12／4 | 09：00：00 | 25.9 | 88.0 | 0.8 | 213 | 1.8 | 253 | 1913 | 2002／12／8 | 17：00：00 | 26.5 | 75.7 | 0.0 | 83 | 2.6 | 103 |
| 1819. | 2002112／4 | 10：00：00 | 26.3 | 85.0 | 0.2 | 261 | 3.9 | 394 | 1914 | 2002／12／8 | 18：00：00 | 25.1 | 80.7 | 0.0 | 91 | 4.0 | －$\quad 24$ |
| 1820 ， | 200212／4 | 11：00：00 | 26.5 | 85.3 | 0.2 | 268 | 3.4 | 499 | 1915 | 2002／12／8 | 19：00：00 | 24.3 | 87.1 | 0.0 | 69 | 0.9 |  |
| 1821 | 2002／1214 | 12：00：00 | 27.8 | 80.5 | 0.0 | 277 | 8.0 | 886 | 4916 | 2002／12／8 | 20：00：00 | 23.9 | 88.5 | 0.0 | 99 | 0.9 |  |
| 1822 | 2002／12／4 | 13：00：00 | 27.9 | 83.3 | 0.0 | 260 | 3.6 | 667 | 1917 | 2002／12／8 | 21：00：00 | 23.5 | 92.3 | 0.0 | 59 | 0.9 |  |
| 1823 | 2002／12／4 | 14：00：00 | 27.9 | 77.0 | 0.0 | 296 |  | 333 | 1918 | 2002／12／8 | 22：00：00 | 23.2 | 91.9 | 0.0 | 109 | 1.6 |  |


| No. | Date | Time |  | $\begin{aligned} & \text { 言 } \\ & \text { (ty } \\ & \text { 도 } \end{aligned}$ |  |  |  |  | No. | Date | Time |  |  |  | $\begin{aligned} & \frac{0}{6} \\ & \frac{0}{6} \\ & \frac{0}{0} \\ & \frac{0}{5} \\ & 3 \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ymydmmidd | hh:mm:ss | ${ }^{\circ}$ | \% | mm | degree | m/s | kW/m2 |  | ymy:mm:dd | hn:mmiss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degrea | m/s | kW/m2 |
| 1920 | 2002/12/9 | 00:00:00 | 22.9 | 94.1 | 0.0 | 109 | 0.9 |  | 2016 | 2002/12/13 | 00:00:00 | 22.4 | 95.2 | 0.0 | 178 | 0.9 |  |
| 1921 | 2002/12/9 | 01:00:00 | 22.7 | 94.7 | 0.0 | 315 | 0.6 | 0 | 2017 | 2002/12/13 | 01:00:00 | 21.8 | 95.9 | 0.0 | 128 | 0.8 |  |
| 1922 | 2002/12/9 | 02:00:00 | 22.4 | 94.9 | 0.0 | 42 | 0.6 | 0 | 2018 | 2002/12/13 | 02:00:00 | 21.5 | 96.0 | 0.0 | 97 | 1.5 |  |
| 1923 | 2002/1219 | 03:00:00 | 22.3 | 95.7 | 0.0 | 347 | 0.3 |  | 2019 | 2002/12/13 | 03:00:00 | 21.2 | 96.2 | 0.0 | 109 | 1.1 |  |
| 1924 | 2002/12/9 | 04:00:00 | 22.1 | 95.9 | 0.0 | 69 | 0.5 | 0 | 2020 | 2002/12/13 | 04:00:00 | 21.2 | 96.3 | 0.0 | 61 | 1.7 | 0 |
| 1925 | 2002/12/9 | 05:00:00 | 22.2 | 95.8 | 0.0 | 1 | 0.3 | 0 | 2021 | 2002/12/13 | 05:00:00 | 20.9 | 96.5 | 0.0 | 138 | 0.6 |  |
| 1926 | 2002/12/9 | 06:00:00 | 22.3 | 95.5 | 0.0 | 171 | 0.4 | 23 | 2022 | 2002/12/13 | 06:00:00 | 20.7 | 96.8 | 0.0 | 76 | 1.0 | 27 |
| -1927 | 2002/12/9 | 07:00:00 | 22.9 | 92.4 | 0.0 | 315 | 0.6 | 83 | 2023 | 2002/12/13 | 07:00:00 | 23.1 | 93.3 | 0.0 | 54 | 1.2 | 329 |
| 1928 | 2002/12/9 | 08:00:00 | 25.3 | 80.4 | 0.0 | 356 | 0.9 | 282 | 2024 | 2002/12/13 | 08:00:00 | 27.0 | 68.1 | 0.0 | 86 | 4.93 | 577 |
| 1929 | 2002/12/9 | 09:00:00 | 27.3 | 68.5 | 0.0 | 139 | 1.5 | 377 | 2025 | 2002/12/13 | 09:00:00 | 27.8 | 60.2 | 0.0 | 105 | 5.8 | 534 |
| 1930 | 2002/12/9 | 10:00:00 | 28.2 | 62.7 | 0.0 | 56 | 3.6 | 683 | 2026 | 2002/12/13 | 10:00:00 | 28.5 | 59.6 | 0.0 | 105 | 5.7 | 919 |
| 1931 | 2002/12/9 | 11:00:00 | 29.6 | 60.4 | 0.0 | 58 | 2.3 | 815 | 2027 | 2002/12/13 | 11:00:00 | 29.5 | 50.4 | 0.0 | 106 | 7.1 |  |
| 1932 | 2002/12/9 | 12:00:00 | 29.1 | 64.1 | 0.0 | 68 | 4.4 | 567 | 2028 | 2002/12/13 | 12:00:00 | 30.1 | 48.6 | 0.0 | 104 | 6.9 | 1015 |
| 1933 | 2002/12/9 | 13:00:00 | 26.9 | 72.8. | 0.0 | 108 | 4.9 | 255 | 2029 | 2002/12/13 | 13:00:00 | 30.3 | 4.1 | 0.0 | 103 | 8.4 | 988 |
| 1934 | 2002/12/9 | 14:00:00 | 26.7 | 73.8 | 0.0 | 49 | 2.3 | 166 | 2030 | 2002/12/13 | 14:00:00 | 30.7 | 38.4 | 0.0 | 101 | 6.5. | 07 |
| 1935 | 2002/12/9 | 15:00:00 | 25.1 | 78.6 | 0.0 | 80 | 3.5 | 192 | 2031 | 2002/12/13 | 15:00:00 | 30.3 | 45.7 | 0.0 | 66 | 5.9 | 751 |
| 1936 | 2002/12/9 | 16:00:00 | 25.1 | 78.2 | 0.0 | 272 | 2.1 | 174 | 2032 | 2002/12/13 | 16:00:00 | 29.9 | 45.8 | 0.0 | 82 | 5.0 | 568 |
| 1937 | 2002/12/9 | 17:00:00 | 25.6 | 76.8 | 0.0 | 147 | 1.2 | 136 | 2033 | 2002/12/13 | 17:00:00 | 28.6 | 55.3 | 0.0 | 79 | 5.2 | 313 |
| 1938 | 2002/12/9 | 18:00:00 | 25.2 | 82.5 | 0.0 | 45 | 0.6 | 20 | 2034 | 2002/42/13 | 18:00:00 | 26.6 | 63.5 | 0.0 | 91 | 3.3 | 31 |
| 1939 | 2002112/9 | 19:00:00 | 24.2 | 90.8 | 0.0 | 60 | 0.6 |  | 2035 | 2002/12/13 | 19:00:00 | 22.8 | 87.1 | 0.9 | 110 | 1.0 |  |
| 1940 | 2002/12/9 | 20:00:00 | 23.5 | 92.4 | 0.0 | 76 | 0.6 | 0 | 2036 | 2002/12/13 | 20:00:00 | 21.5 | 92.7 | 0.0 | 189 | 0.3 |  |
| 1941 | 2002/12/9 | 21:00:00 | 23.2 | 93.5 | 0.0 | 315 | 1.1 | 0 | 2037 | 2002/12/13 | 21:00:00 | 20.7 | 94.6 | 0.0 | 87 | 0.3 |  |
| 1942 | 2002/12/9 | 22:00:00 | 23.1 | 94.7 | 0.0 | 243 | 0.6 | 0 | 2038 | 2002/12/13 | 22:00:00 | 20.1 | 95.8 | 0.0 | 80 | 0.5 |  |
| 1943 | 2002/12/9 | 23:00:00 | 22.8 | 95.4 | 0.0 | 75 | 0.3 |  | 2039 | 2002/12/13 | 23:00:00 | 19.6 | 96.3 | 0.0 | 126 | 0.4 |  |
| 1944 | 2002/12110 | 00:00:00 | 22.7 | 95.6 | 0.01 | 47 | 0.2 |  | 2040 | 2002i12/14 | 00:00:00 | 19.4 | 96.7 | 0.0 | 35 | 0.2 |  |
| -1945 | 2002/12/10 | 01:00:00 | 22.6 | 96.1 | 0.0 | 38 | 1.3 |  | 2041 | 2002/12/14 | 01:00:00 | 19.4 | 96.8 | 0.0 | 127 | 0.4 |  |
| 1946 | 2002/12/10 | 02:00:00 | 22.5 | 94.2 | 0.0 | 95 | 0.5 | 0 | 2042 | 2002/12/14 | 02:00:00 | 19.4 | 97.1 | 0.0 | 13 | 0.8 |  |
| 1947 | 2002/12/10 | 03:00:00 | 22.2 | 95.6 | 0.4 | 358 | 1.1 |  | 2043 | 2002/12/14 | 03:00:00 | 19.2 | 97.2 | 0.0 | 88 | 0.4 |  |
| 1948 | 2002/12/10 | 04:00:00 | 22.3 | 95.6 | 0.0 | 45 | 1.4 | 0 | 2044 | 2002/12/14 | 04:00:00 | 19.0 | 97.4 | 0.0 | 16 | 0.5 |  |
| 1949 | 2002/1/1/0 | 05:00:00 | 22.1 | 96.1 | 0.6 | 69 | 0.4 |  | 2045 | 2002/12/14 | 05:00:00 | 19.2 | 97.4 | 0.4 | 74 | 1.2 |  |
| 1950 | 2002/12/10 | 06:00:00 | 22.0 | 96.0 | 0.2 | 122 | 0.8 | 15 | 2046 | 2002/12/14. | 06:00:00 | 19.2 | 97.4 | 0.0 | 344 | 0.6 | 11 |
| 1951 | 2002/12/10 | 07:00:00 | 22.5 | 94.5 | 1.4 | 120 | 1.3 | 95 | 2047 | 2002/12/14 | 07:00:00 | 20.5 | 97.7 | 0.4 | 241 | 1.7 | 315 |
| 1952 | 2002/12/10 | 08:00:00 | 24.0 | 84.8 | 0.0 | 112 | 1.1 | 297 | 2048 | 2002/12/14 | 08:00:00 | 25.0 | 78.1 | 0.0 | 40 | 1.2 | 624 |
| 1953 | $2002 / 12 / 10$ | 09:00:00 | 25.1 | 84.6 | 0.0 | 2 | 1.2 | 211 | 2049 | 2002/12/14 | 09:00:00 | 26.7 | 61.1 | 0.0 | 63 | 7.0 | 800 |
| 1954 | 2002 /21/10 | 10:00:00 | 26.4 | 76.4 | 0.0 | 32 | 1.8 | 383 | 2050 | 2002/12/14 | 10:00:03 | 28.1 | 49.4 | 0.0 | 60 | 5.8 | 19 |
| 1955 | 2002/12/10 | 11:00:00 | 27.7 | 70.7 | 0.0 | 69 | 4.4 | 976 | 2051 | 2002/12/14 | 11:00:00 | 28.9 | 44.8 | 0.0 | 61 | 5.3 | 85 |
| 1956 | 2002/12/10 | 12:00:00 | 28.5 | 57.8 | 0.0 | 98 | 3.7 | 1002 | 2052 | 2002/12/14 | 12:00:00 | 29.1 | 53.1 | 0.0 | 58 | 6.1 |  |
| 1957 | 2002/42/10 | 13:00:00 | 29.1 | 55.0 | 0.0 | 90 | 5.2 | 1138 | 2053 | 2002/12/44 | 13:00:00 | 29.4 | 50.4 | 0.0 | 156 | 4.4 | 1018 |
| 1959 | 2002/12/10 | 14:00:00 | 28.7 | 55.6 | 0.0 | 80 | 5.9 | 819 | 2054 | 2002/12/14 | 14:00:00 | 28.9 | 48.8 | 0.0 | 119 | 6.2 | 890 |
| 1959 | 2002/12/10 | 15:00:00 | 29.4 | 50.2 | 0.0 | 162 | 4.4 | 839 | 2055 | 2002/12/14 | 15:00:00 | 28.2 | 50.2 | 0.0 | 80 | 5.8 | 774 |
| 1960 | 2002/12/10 | 16:00:00 | 28.6 | 56.7 | 0.0 | 154 | 4.5 | 624 | 2056 | 2002/12/14 | 16:00:00 | 27.8 | 48.7 | 0.0 | 106 | 5.0 | 583 |
| 1961 | 2002/12/10 | 17:00:00 | 27.3 | 61.4 | 0.0 | 142 | 4.3 | 327 | 2057 | 2002/12/14 | 17:00:00 | 26.2 | 57.1 | 0.0 | 340 | 4.7 |  |
| 1962 | 2002/12/10 | 18:00:00 | 25.3 | 71.0 | 0.0 | 134 | 5.0 | 34 | 2058 | 2002/12/14 | 18:00:00 | 24.8 | 68.9 | 0.0 | 109 | 2.8 | 31 |
| 1963 | 2002/12/10 | 19:00:00 | 22.5 | 87.6 | 0.0 | 140 | 0.6 |  | 2059 | 2002/12/14 | 19:00:00 | 22.4 | 85.0 | 0.0 | 61 | 2.6 |  |
| 1964 | 2002/12/10 | 20:00:00 | 21.8 | 93.0 | 0.0 | 62 | 0.4 |  | 2060 | 2002/12/14 | 20:00:00 | 20.6 | 91.6 | 0.0 | 125 | 0.9 |  |
| [965 | 2002/12/10 | 21:00:00 | 21.4 | 94.7 | 0.0 | 114 | 0.4 |  | 2061 | 2002/12/14 | 21:00:00 | 19.9 | 94.7 | 0.0 | 116 | 0.6 |  |
| 1966 | 2002/12/10 | 22:00:00 | 21.2 | 95.8 | 0.0 | 74 | 0.6 |  | 2062 | 2002/12/14 | 22:00:00 | 19.9 | 95.6 | 0.0 | 75 | 1.0 |  |
| 1967 | 2002/1210, | 23:00:00 | 21.5 | 96.0 | 0.0 | 358 | 0.8 | 0 | 2063 | 2002/12/14 | 23:00:00 | 20.1 | 95.6 | 0.0 | 65 | 0.7 |  |
| 1968 | 2002/12/11 | 00:00:00 | 21.5 | 96.1 | 0.0 | 68 | 0.5 |  | 2064 | 2002/12/15 | 00:00:00 | 20.4 | 95.4 | 0.0 | 47 | 1.2 |  |
| 1969 | 2002/12/11 | 01:00:00 | 21.6 | 96.2 | 0.0 | 356 | $0: 4$ | 0 | 2065 | 2002/12/15 | 01:00:00 | 20.8 | 95.2 | 0.2 | 90 | 1.5 |  |
| 1970 | 2002/12/11 | 02:00:00 | 21.6 | 96.2 | 0.01 | 77 | 0.5. |  | 2066 | 2002/12/15 | 02:00:00 | 21.0 | 95.9 | 0.4 | 239 | 0.7 |  |
| 1971 | 2002/12/11 | 03:00:00 | 21.5 | 96.4 | 0.0 | 58 | 0.6 |  | 2067 | 2002/12/45 | 03:00:00 | 21.2 | 96.0 | 0.4 |  | 1.1 |  |
| -1972 | 2002/12/11 | 04:00:00 | 21.0 | 96.7 | 0.0 | 87 | 0.2 |  | 2068 | 2002/12/15 | 04:00:00 | 21.3 | 96.1 | 0.4 | 268 | 0.9 |  |
| 1973 | 2002/12/11 | 05:00:00 | 20.9 | 96.9 | 0.0 | 60 | 0.0 |  | 2069 | 2002/12/15 | 05:00:00 | 21.5 | 96.3 | 0.2 |  | 1.4 |  |
| 1974, | 2002/12/11 | 06:00:00 | 20.6 | 97.1 | 0.0 | 126 | 0.6 | 22 | 2070 | 2002/12/15 | 06:00:00 | 21.9 | 95.7 | 0.8 | 302 | 1.3 | 13 |
| 1975 | 2002/12/11 | 07:00:00 | 24.9 | 97.0 | 0.0 | 43 | 1.0 | 292 | 2071 | 2002/12/15 | 07:00:00 | 23.2 | 93.9 | 0.2 | 315 | 1.8 | 117 |
| 1976 | 2002/12/11 | 0:00:00 | 24.6 | 84.2 | 0.0 | 68 | 0.8 | 653 | 2072 | 2002/12/15 | 08:00:00 | 24.4 | 88.9 | 0.0 | 330 | 2.4 | 237 |
| -1977 | 2002/12/11 | 09:00:00 | 26.5 | 71.8 | 0.0 | 64 | 3.0 | 307 | 2073 | 2002/12/15 | 09:00:00 | 25.3 | 82.0 | 0.0 | 60 | 2.7 | 186 |
| 1978 | 2002/12/11 | 10:00:00 | 27.0 | 68.0 | 0.0 | 61 | 2.4 | 310 | 2074 | 2002/12/15 | 10:00:00 | 26.1 | 85.1 | 0.4 |  | 2.8 | 334 |
| -1979 | $2002 / 12 / 11$ | 11:00:00 | 29.3 | 55.9 | 0.0 | 69 | 4.9 | 1141 | 2075 | 2002/12/15. | 11:00:00 | 25.8 | 80.9 | 0.2 | O | 5.5 | 456 |
| 1980 | 2002312111 | 12:00:00 | 29.5 | 59.4 | 0.0 | 94 | 5.2 | 1194 | 2076 | 2002i 2195 | 12:00:00 | 25.7 | 84.4 | 0.2 | 69 | 4.5 | 363 |
| 1981 | 2002/12/11 | 13:00:00 | 29.0 | 60.0 | 0.0 | 97 | 5.3 | 370 | 2077 | 2002/12/15 | 13:00:00 | 25.7 | 85.8 | 0.0 | 68 | 3.4 | 340 |
| 1982 | 2002/12/11 | 14:00:00 | 29.2 | 58.5 | 0.0 | 73 | 7.8 | 323 | 2078 | 2002/12/15 | 14:00:00 | 26.4 | 81.4 | 0.2 | 120 | 7.7 | 401 |
| -1983 | 2002/12/91 | 15:00:00 | 28.4 | 63.1 | 0.0 | 90 | 5.7 | 254 | 2079 | 2002/12/15 | 15:00:00 | 25.5 | 83.9 | 0.0 | 102 | 5.5 | 262 |
| 4984 | 2002/12/11 | 16:00:00 | 27.7 | 64.1 | 0.0 | 81 | 6.0 | 216 | 2080 | 2002/12/15 | 16:00:00 | 24.6 | 89.8 | 0.2 | 343 | 0.6 | 136 |
| 1985 | 2002/12/11 | 17:00:00 | 27.0 | 67.2 | 0.0 | 95 | 4.4 | 154 | 2081] | 2002/12/45 | 17:00:00 | 24.7 | 91.9 | 1.0 | 291 | 3.0 | 59 |
| 1986 | 2002/12/11 | 18:00:00 | 25.7 | 73.4 | 0.0 | 70 | 4.1 |  | 2082 | 2002/12/95 | 18:00:00 | 24.2 |  | 1.4 | 40 | 1.5 | 20 |
| -1987 | 2002/12/11 | 19:00:00 | 23.7 | 84.6 | 0.0 | 97 | 1.4 | , | 2083 | 2002/ $2 / 15$ | 19:00:00 | 24.0 | 94.5 | 2.0 | 32 | 2.1 | 0 |
| 1988 | 2002/12/11 | 20:00:00 | 22.6 | 92.3 | 0.0 | 104 | 0.5 |  | 2084 | 2002/12/15 | 20:00:00 | 23.9 | 95.1 | 2.4 | 87 | 4.9 |  |
| 1989 | 2002/12/11 | 21:00:00 | 22.5 | 94.3 | 0.0 | 96 | 0.5 |  | 2085 | 2002/12/15 | 21:00:00 | 23.9 | 95.4 | 2.4 | 84 | 0.9 |  |
| 1990 | 2002/12/11 | 22:00:00 | 22.3 | 95.0 | 0.0 | 284 | 0.7 |  | 2086 | 200211245 | 22:00:00 | 23.8 | 95.4 | 3.2 | 93 | 1.1 |  |
| 1991 | 2002/12/11 | 23:00:00 | 22.2 | 95.6 | 0.0 | 130 | 0.5 |  | 2087 | 2002/12/15 | 23:00:00 | 24.1 | 94.1 | 2.0 | 345 | 2.3 |  |
| 1992 | 2002/12/12 | 00:00:00 | 22.2 | 96.0 | 0.2 | 84 | 0.8 |  | 2088 | 2002/12/16 | 00:00:00 | 23.9 | 95.5 | 2.8 | 55 | 1.2 |  |
| -1993 | 2002/12/12 | 01:00:00 | 22.2 | 96.1 | 0.2 | 46 | 0.4 |  | 2089 | 2002/12/16 | 01:00:00 | 24.0 | 94.7 | 2.6 | 79 | 2.4 |  |
| 1994 | 2002/12/12 | 02:00:00 | 22.3 | 96.1 | 0.0 | 81 | 0.7 |  | 2090 | 2002/12/16 | 02:00:00 | 23.9 | 94.8 | 3.0 | 67 | 1.5 |  |
| T995 | 2002/12/12 | 03:00:00 | 22.1 | 96.4 | 0.2 | 50 | 0.7 | 0 | 2091 | 200211216 | 03:00:00 | 23.7 | 95.5 | 2.6 | 63 | 2.3 | 0 |
| -1996 | 2002/12/12 | 04:00:00 | 22.2 | 96.6 | 0.0 | 77 | 0.7 |  | 2092 | 2002/12/16 | 04:00:00 | 23.9 | 95.0 | 2.0 | 110 | 1.4 | 0 |
| -1997 | 2002/12/12 | 05:00:00 | 22.3 | 95.7 | 0.4 | 92 | 0.8 |  | 2093 | 2002/12/16 | 05:00:00 | 23.8 | 95.6 | 3.4 | 130 | 0.8 |  |
| 1998 | 2002/12/12 | 06:00:00 | 22.4 | 95.8 | 0.2 | 24 | 1.2 | 36 | 2094 | 2002/12/16 | 06:00:00 | 24.2 | 93.2 | 2.8 | 356 | 38 | 19 |
| -1999 | 2002/12/12 | 07:00:00 | 23.4 | 92.0 | 0.0 | 31 | 1.1 | 93 | 2095 | 2002/12/16 | 07:00:00 | 24.3 | 94.6 | 2.4 | 12 | 2.0 | 43 |
| 2000 | 2002/12/12 | 08:00:00 | 24.7 | 89.9 | 0.0 | 34 | 1.2 | 353 | 2096 | 2002/12/16 | 08:00:00 | 24.7 | 94.1 | 2.2 | 265 | 1.4 | 142 |
| 2001 | 2002/12/12 | 09:00:00 | 25.5 | 79.8 | 0.0 | 48 | 3.5 | 279 | 2097 | 2002/12/16 | 09:00:00 | 25.3 | 93.5 | 2.8 | 229 | 1.4 | 146 |
| 2002 | 2002/12/12 | 10:00:00 | 27.4 | 71.9 | 0.0 | 316 | 2.3 | 844 | 2098 | 2002/12/16 | 10:00:00 | 26.0 | 91.2 | 2.4 | 315 | 2.2 | 349 |
| 2003: | 2002/12/12 | 11:00:00 | 23.9 | 83.4 | 0.0 | 114 | 7.5 | 224 | 2099 | 2002/12/16 | 11:00:00 | 27.5 | 86.6 | 1.4 | 11 | 2.2 | 468 |
| 2004 | 2002/12/12 | 12:00:00 | 27.9 | 70.8 | 0.0 |  | 2.4 | 442 | 2100 | 2002/12/16 | 12:00:00 | 27.2 | 88.9 | 2.0 | 27 | 1.0 | 397 |
| 2005 | 2002/12/12 | 13:00:00 | 27.7 | 73.8 | 0.0 | 11 | 3.5 | 532 | 2101 | 2002/12/16 | 13:00:00 | 26.8 | 90.1 | 3.0 | 319 | 1.7 | 355 |
| 2006 | 2002/12/12 | 14:00:00 | 28.6 | 70.4 | 0.0 | 90 | 4.4 | 464 | 2102 | 2002/12/16 | 14:00:00 | 27.3 | 85.4 | 0.8 | 350 | 2.6 | 354 |
| 2007 | 2002/12/12 | 15:00:00 | 29.0 | 65.3 | 0.0 | 59 | 3.5 | 379 | 2103 | 2002/12/16 | 15:00:00 | 26.7 | 90.3 | 1.4 | C2 | 4.1 | 241 |
| 2008 | 2002/12/12 | 16:00:00 | 29.7 | 57.1 | 0.0 | 59 | 4.8 | 594 | 2104 | 2002/12116 | 16:00:00 | 26.0 | 91.1 | 2.4 | 55 | 4.4 | 76 |
| 2009 | 2002/12/12 | 17:00:00 | 28.6 | 66.1 | 0.0 | 100 | 5.2 | 241 | 2105 | 2002/12/16 | 17:00:00 | 25.4 | 93.8 | 2.4 | 56 | 2.7 | 34 |
| 2010 | 2002/12/12 | 18:00:00 | 26.8 | 74.9 | 0.0 | 86 | 4.2 | 55 | 2106 | 2002/12/16 | 18:00:00 | 25.4 | 91.9. | 1.6 |  | 2.7 | 14 |
| 2011 | 2002/12712 | 19:00:00 | 25.4 | 80.4 | 0.0 | 106 | 3.5 |  | 2107 | 2002/1/196 | 19:00:00 | 25.1 | 92.4 | 1.0 | 26 | 1.7 |  |
| 2012 | 2002/12/12 | 20:00:00 | 24.8 | 83.3 | 0.0 | 96 | 2.3 |  | 2108 | 2002/12/16 | 20:00:00 | 24.8 | 93.7 | 1.8 | 85 | 1.3 |  |
| 2013 | 2002/12/12 | 21:00:00 | 24.6 | 84.8 | 0.0 | 98 | 3.2 |  | 2109 | 2002/12/16 | 21:00:00 | 24.8 | 94.0 | 2.6 | 59 | 1.5 | - 0 |
| 2014 | 2002/12/12 | 22:00:00 | 23.4 | 92.4 | 0.0 | 51 | 0.8 |  | 2110 | 2002/12/16 | 22:00:00 | 24.8 | 93.6 | 0.4 | 274 | 2.9 |  |
| 2015 | 2002/12/12 | 23:00:00 | 23.1 | 93.6 | 0.0 | 84 | 1.3 |  | 2111 | 2002/12/16 | 23:00:00 | 24.7 | 95.0 | 6.2 | 227 | 1.6 | 0 |

APPENDIX 3 Weather observation data in Namosi area (14)

| No. | Date | Time |  | $\begin{aligned} & \frac{2}{7} \\ & \frac{7}{6} \\ & \frac{5}{1} \end{aligned}$ |  |  |  |  | No. | Date | Time |  | $\begin{aligned} & \frac{\lambda}{\hat{N}} \\ & \frac{\hat{E}}{E} \\ & \frac{S}{1} \end{aligned}$ |  | 0 4 4 0 0 3 3 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ymy/mm/dd | hh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |  | ypy:mimidd | nh:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | $\mathrm{m} / \mathrm{s}$ | kW/m2 |
| 2112 | 2002/12/77 | 00:00:00 | 24.5 | 95.6 | 1.2 | 55 | 0.6 |  | 2208 | 2002/12/21 | 00:00:00 | 22.1 | 97.4 | 1.0 | 113 | 0.9 |  |
| 2113 | 2002/12/17 | 01:00:00 | 24.3 | 96.0 | 7.2 | 134 | 1.2 |  | 2209 | 2002/12/21 | 01:00:00 | 22.2 | 97.4 | 1.4 | 140 | 1.2 |  |
| 2114 | 2002/12/47 | 02:00:00 | 24.3 | 94.6 | 2.2 | 77 | 3.9 |  | 2210 | 2002/12/21 | 02:00:00 | 22.3 | 97.4 | 0.2 | 90 | 0.9 | 0 |
| 2115; | 2002/12/47 | 03:00:00 | 24.0 | 93.3 | 0.4 | 17 | 1.7 |  | 2213 | 2002312/21 | 03:00:00 | 22. | 97.4 | 1.6 | 12 | 0.8 |  |
| 2116 | 2002/12/17 | 04:00:00 | 23.8 | 95.4 | 0.0 | 91 | 0.7 |  | 2212 | 2002/12/21 | 04:00:00 | 22.2 | 97.5 | 0.2 | 26 | 0.7 |  |
| 2117 | 2002/12/17 | 05:00:00 | 23.6 | 95.9 | 0.8 | 147 | 0.6 |  | 2213 | 2002/12/21 | 05:00:00 | 22.2 | 97.5 | 0.0 | 82 | 0.3 |  |
| 2198 | 2002/12/17 | 06:00:00 | 23.9 | 96.0 | 0.2 | 86 | 0.6 | 30 | 2214 | 2002/12/21 | 06:00:00 | 22.3 | 97.5 | 0.0 | 118 | 1.1 | 31 |
| 2119 | 2002/12177 | 07:00:00 | 24.2 | 95.7 | 0.8 | 63 | 0.5 | 55 | 2215 | 2002/12/21 | 07:00:00 | 22.6 | 97.4 | 0.0 | 64 | 0.8 | 41 |
| 2120 | 2002/12/17 | 08:00:00 | 25. | 93.8 | 1.2 | 346 | 1.1 | 128 | 2216 | 20021:221 | 08:00:00 | 23. | 97.2 | 0.0 | 54 | 1.2 | 254 |
| 2121 | 2002/12/17 | 09:00:00 | 26.6 | 85.7 | 0.0 | 64 | 4.1 | 233 | 2217 | 2002/12/21 | 09:00:00 | 25.0 | 95.3 | 0.0 | 66 | 1.2 | 349 |
| 2122 | 2002/12/17 | 10:00:00 | 26.6 | 87.7 | 0.2 | 101 | 4.9 | 720 | 2218 | 2002/12/21 | 10:00:00 | 26.6 | 87.5 | 0.0 | 89 | 4.1 | 473 |
| 2123. | 2002/12/17 | 11:00:00 | 28.1 | 77.7 | 0.2 | 100 | 3.9 | 588 | 2219 | 2002/12/21 | 11:00:00 | 27.8 | 79.3 | 0.0 | 104 | 3.1 | 261 |
| 2124 | 2002/12/17 | 12:00:00 | 28.4 | 81.4 | 0.0 | 76 | 4.5 | 940 | 2220 | 2002/12/21 | 12:00:00 | 26.5 | 82.8 | 0.0 | 115 | 2.7 | 57 |
| 2125 | 2002/12/17 | 13:00:00 | 27.3 | 85.8 | 0.4 | 64 | 2.1 | 241 | 222 | 2002/12/21 | 13:00:00 | 27. | 78.5 | 0.0 | 10 | 3.2 | 319 |
| 2126 | 2002/12/17 | 14:00:00 | 27.6 | 82.7 | 2.2 | 74 | 3.9 | 304 | 2222 | 2002/12/21 | 14:00:00 | 27.3 | 79.4 | 0.0 | 76 | 2.4 | 281 |
| 2127 | 2002/12/17 | 15:00:00 | 26.1 | 89.3 | 0.8 | 23 | 3.5 | 124 | 2223 | 2002/12/21 | 15:00:00 | 25.5 | 89.4 | 0.4 | 93 | 4.7 | 75 |
| 2128 | 2002/12/77 | 16:00:00 | 25.5 | 92.8 | 0.8 | 27 | 2.4 | 154 | 2224 | 2002/12/21 | 16:00:00 | 25.3 | 90.2 | 1.4 | 50 | 1.4 | 158 |
| 2129 | 2002/12/17 | 17:00:00 | 25.1 | 92.0 | 0.4 | 47 | 1.8 | 78 | 2225 | 2002/12/21 | 17:00:00 | 25.2 | 91.4 | 0.0 | 55 | 1.7 | 47 |
| 2130 | 2002/12/17 | 18:00:00 | 25.2 | 91.3 | 0.0 | 60 | 2.1 | 46 | 2226 | 2002/12/21 | 18:00:00 | 25.0 | 93.1 | 0.0 | 123 | 1.9 | 13 |
| 2131 | 2002/12/17 | 19:00:00 | 24.6 | 94.5 | 0.0 | 52 | 1.5 | - 0 | 2227 | 2002/12/21 | 19:00:00 | 24.4 | 92.9 | 0.0 | 40 | 2.6 |  |
| 2132 | 2002/42/17 | 20:00:00 | 24.3 | 94.6 | 0.0 | ${ }^{1} 1$ | 1.3 | 0 | 2228 | 2002/12/21 | 20:00:00 | 24.0 | 95.3 | 4.8 | 307 | 1.3 |  |
| 2133 | 2002/12/17 | 21:00:00 | 24.1 | 95.2 | 0.2 | 273 | 1.5 | 0 | 2229 | 2002/12/21 | 21:00:00 | 23.8 | 95.7 | 0.2 | 139 | 1.1 |  |
| 2134 | 2002/12/17 | 22:00:00 | 24.0 | 95.6 | 1.4 | 336 | 0.5 |  | 2230 | 2002/12/21 | 22:00:00 | 23.8 | 95.5 | 0.2 | 148 | 0.9 |  |
| 2135 | 2002/12/17 | 23:00:00 | 23.8 | 95.7 | 2.2 | 61 | 0.7 | 0 | 2231 | 2002/12121 | 23:00:00 | 23.7 | 95.61 | 0.0 | 95 | 1.0 |  |
| 2136 | 2002/12/18. | 00:00:00 | 23.7 | 96.0 | 0.0 | 47 | 0.4 | - | 2232 | 2002/12/22 | 00:00:00 | 23.6 | 95.6 | 0.4 | 114. | 0.9 |  |
| 2137 | 2002/12/981 | 01:00:00 | 23.3 | 96.2 | 0.0 | 100 | 0.6 | 0 | 2233 | 2002/12/22 | 01:00:00 | 23. | 96.3 | 10.0 | 43 | 1.3 | 0 |
| 2138 | 2002/12/98 | 02:00:00 | 23.1 | 96.3 | 0.2 | 289 | 1.0 |  | 2234 | 2002/12/22 | 02:00:00 | 23. | 96.2 | 2.2 | 140 | 0.6 |  |
| 2139 | 2002/12/18 | 03:00:00 | 23.0 | 96.2 | 0.0 | 64 | 0.6 | 0 | 2235 | 2002/12/22 | 03:00:00 | 23.0 | 96.3 | 1.4 | 184 | 0.8 |  |
| 2140 | 2002/92/18 | 04:00:00 | 22.8 | 96.0 | 0.0 | 238 | 0.6 | 0 | 2236 | 2002/12/22 | 04:00:00 | 23.0 | 96.5 | 0.2 | 40 | 0.5 |  |
| 2141 | 2002112118 | 05:00:00 | 22.7 | 96.2 | 0.0 | 271 | 0.4 | --0 | 2237 | 2002/12/22 | 05:00:00 | 23.0 | 96.6 | 0.0 | 42 | 0.7 |  |
| 2142 | 2002/12/19 | 06:00:00 | 22.5 | 96.2 | 0.0 | 336 | 1.4 | 19 | 2238 | 2002/12/22 | 06:00:00 | 22.9 | 96.6 | 4.4 |  | 1.0 | 12 |
| 2143 | 2002/12/18 | 07:00:00 | 22.8 | 95.8 | 0.0 | 325 | 1.3 | 68 | 2239 | 2002/12/22 | 07:00:00 | 23.2 | 96.8 | 2.6 | 122 | 0.6 | 87 |
| 2144 | 2002/12/18 | 08:00:00 | 26.2 | 81.4 | 0.0 | 337 | 1.7 | 544 | 2240 | 2002/12/22 | 08:00:00 | 23.5 | 95.5 | 6.8 | 305 | 0.9 | 91 |
| 2145 | 2002/12/18 | 09:00:00 | 29.1 | 74.3 | 0.0 | 28 | 1.5 | 670 | 2241 | 2002/42/22 | 09:00:00 | 23.8 | 92.3 | 3.8 | 44 | 1.7 | 190 |
| 2146 | 2002/12/88 | 10:00:00 | 30.2 | 67.9 | 0.01 | 258 | 3.7 | 802 | 2242 | 2002/12/22 | 10:00:00 | 24.4 | 89.0 | 0.8 | 94 | 3.1 | 407 |
| 2147 | 2002/12/18 | 11:00:00 | 31.3 | 60.7 | 0.0 | 248 | 4.7 | 975 | 2243 | 2002/12/22 | 11:00:00 | 24.8 | 83.7 | 0.0 | 100 | 3.3 | 591 |
| 2148 | 2002/12/18 | 12:00:00 | 32.4 | 56.8 | 0.0 | 276 | 4.0 | 1113 | 2244 | 2002/12/22 | 12:00:00 | 24.9 | 88.9 | 1.6 | 27 | 1.8 | 417 |
| 2149 | 2002/12/18 | 13:00:00 | 33.4 | 59.1 | 0.0 | 256 | 3.1 | 329 | 2245 | 2002/12/22 | 13:00:00 | 25.1 | 90.0 | 0.6 | 17 | 2.0 | 475 |
| 2150 | 2002/12/18 | 14:00:00 | 27.8 | 80.1 | 0.0 | 144 | 7.7 | 97 | 2246 | 2002/12/22 | 14:00:00 | 25.5 | 85.3 | 0.0 | 78 | 4.3 | 121 |
| 2151 | 2002112/18 | 15:00:00 | 25.4 | 95.4 | 10.4 | 50 | 2.1 | 40 | 2247 | 2002/12/22 | 15:00:00 | 26.1 | 84.4) | 0.0 | 33 | 2.8 | 290 |
| 2152 | 2002/12/18 | 16:00:00 | 25.4 | 96.0 | 1.0 | 299 | 1.1 | 15 | 2248. | 2002/12/22 | 16:00:00 | 25.9 | 82,6 | 0.0 | 51 | 2.8 | 126 |
| 2153 | 2002/12/18 | 17:00:00 | 25.9 | 95.2 | 0.2 | 116 | 1.3 | 233 | 2249 | $2002 / 12 / 22$ | 17:00:00 | 25.2 | 89.1 | 0.0 | 69 | 1.9 | 67 |
| 2154 | 2002/12/18 | 18:00:00 | 25.8 | 92.5 | 0.0 | 29 | 1.7 | 93 | 2250 | 2002/12/22 | 18:00:00 | 24.4 | 91.7 | 0.0 | 65 | 1.4 | 26 |
| 2155 | 2002/12/18 | 19:00:00 | 24.9 | 93.2 | 0.2 | 111 | 1.8 | - 0 | 2251 | 2002/12/22 | 19:00:00 | 23.9 | 94.3 | 0.0 | 38 | 0.8 | - 0 |
| 2756 | 2002/12/98 | 20:00:00 | 24,1 | 95.6 | 6.2 | 91 | 0.7 | - 0 | 2252 | 2002112/22 | 20:00:00 | 23.4 | 95.2 | 0.0 | 32 | 0.0 |  |
| 2157 | 2002/12/18 | 21:00:00 | 23.9 | 96.0 | 0.0 | 173 | 1.3 | - 0 | 2253 | 2002/12/22 | 21:00:00 | 23.3 | 96.0 | 0.0 | 93 | 0.6 | - 0 |
| 2158 | 2002/12/18 | 22:00:00 | 23.9 | 96.2 | 0.0 | $1+4$ | 1.2 |  | 2254 | 2002/12/22 | 22:00:00 | 23.3 | 96.2 | 0.0 | 40 | 0.6 |  |
| 2159 | 2002/12/18 | 23:00:00 | 23.9 | 96.1 | 0.0 | 80 | 2.6 |  | 2255 | 2002/12/22 | 23:00:00 | 23.3 | 96.3 | 0.0 | 105 | 0.3 | -- 0 |
| 2160 | 2002/12/19 | 00:00:00 | 23.3 | 96.0 | 0.0 | 190 | 0.8 |  | 2256 | 2002/12/23 | 00:00:00 | 23.2 | 96.3 | 0.0 | 325 | 0.6 |  |
| 2161 | 2002/12/19 | 01:00:00 | 23.2 | 96.5 | 0.0 | 87 | 0.6 | --0 | 2257 | $2002 / 12 / 23$ | 01:00:00 | 23.2 | 96.5 | 0.0 | 170 | 0.4. | - 0 |
| 2162 | 2002/12/19 | 02:00:00 | 22.9 | 96.7 | 0.0 | 311 | 0.0 | - 0 | 2258 | 2002/12/23 | 02:00:00 | 23.2 | 96.4 | 0.0 | 11 | 0.6 |  |
| 2163 | 2002/12/99 | 03:00:00 | 22.6 | 96.8 | 0.2 | 28 | 0.7 |  | 2259 | 2002/12/23 | 03:00:00 | 23.2 | 96.6 | 0.0 | 87 | 0.5 | - 0 |
| 2164 | 2002/12/19 | 04:00:00 | 22.5 | 97.0 | 0.0 | 73 | 1.1 | -0 | 2280 | 2002/12/23 | 04:00:00 | 23.2 | 96.7 | 0.0 | 95 | 0.8 |  |
| 2165 | 2002/12/19 | 05:00:00 | 22.4 | 97.1 | 0.0 | 198 | 0.2 | - 0 | 2261 | 2002/12/23 | 05:00:00 | 23.3 | 96.7 | 0.2 | 77 | 0.5 |  |
| 2166 | 2002/12/19 | 06:00:00 | 22.4 | 97.2 | 0.0 | 13 | 0.7 | 29 | 2262 | 2002/12/23 | 06:00:00 | 23.3 | 96.7 | 0.0 | 66 | 0.6 | 12 |
| 2167 | 2002/12/19 | 07:00:00 | 22.8 | 96.8 | 0.0 | 58 | 1.2 | 244 | 2263 | 2002/12/23 | 07:00:00 | 23.6 | 96.5 | 1.8 | 325 | 0.4 | 38 |
| 2168 | 2002/12/19 | 08:00:00 | 25.3 | 89.1 | 0.0 | 252 | 1.0 | 487 | 2264 | 2002/12/23 | 08:00:00 | 24.9 | 91.5 | 0.8 | 57 | 0.4 | 304 |
| 2169 | 2002/12/19 | 09:00:00 | 28.5 | 78.4 | 0.0 | 73 | 2.0 | 686 | 2265 | 2002/12/23 | 09:00:00 | 25.3 | 89.4 | 1.8 | 347 | 1.6 | 126 |
| 2170 | 2002/12/9 | 10:00:00 | 31.5 | 67.7 | 0.0 | 60 | 1.9 | 881 | 2266 | 2002/12/23 | 10:00:00 | 26.3 | 86.9 | 2.0 | 53 | 2.5 | 245 |
| 2171 | 2002/12/19 | 11:00:00 | 32.7 | 58.9 | 0.0 | 82 | 3.5 | 1233 | 2267 | 2002/12/23 | 11:00:00 | 27.0 | B0. 5 | 0.4 | 70 | 5.0 | 285 |
| 2172 | 2002/12/19 | 12:00:00 | 33.0 | 62.6 | 0.0 | 360 | 3.2 | 453 | 2268 | 200212/23 | 12:00:00 | 26.1 | 80. | 0.0 | 105 | 4.0 | 276 |
| 2173 | 2002/12/19 | 13:00:00 | 28.8 | 79.3 | 0.0 | 192 | 2.1 | 401 | 2269 | 2002/12/23 | 13:00:00 | 27.4 | 79.5. | 0.0 | 100 | 6.6 | 858 |
| 2174. | 2002/12/19 | 14:00:00 | 28.0 | 84.7 | 2.4 | 229 | 1.5 | 174 | 2270 | 2002/12/23 | 14:00:00 | 27.1 | 78.7 | 0.0 | 97 | 3.3 | 380 |
| 2175 | 2002/12/99 | 15:00:00 | 23.9 | 96.6 | 20.0 | 116 | 1.9 | 197 | 2271 | 2002/12/23 | 15:00:00 | 26.0 | 86.9 | 0.0 | 8 | 2.0 | 142 |
| 2176 | 2002/12/19 | 16:00:00 | 25.5 | 93.4 | 0.0 | 39 | 2.8 | 271 | 2272 | 2002/12/23 | 16:00:00 | 26.7 | 79. | 0.0 | 105 | 4.3 | 236 |
| 2177 | 200274219 | 17:00:00 | 26.4 | 88.5 | 0.0 | 20 | 0.91 | 45 | 2273 | 2002/12/23 | 17:00:00 | 25.9 | 82. | 0.0 | 63 | 2.3 | 145 |
| 2178 | 2002/12/19 | 18:00:00 | 25.7 | 90.9 | 0.0 | 343 | 1.7 | 38 | 2274 | 2002/12/23 | 18:00:00 | 24.7 | 90.6 | 0.0 | 33 | 1.7 | 27 |
| 2179 | 2002/12/19 | 19:00:00 | 25.1 | 94.6 | 0.2 | 331 | 1.3 | - | 2275 | 2002/12/23 | 19:00:00 | 24.4 | 93.7 | 0.2 | 68 | 0.6 | - 0 |
| 2180 | 2002/12/19 | 20:00:00 | 24.7 | 95.6 | 2.8 | 115 | 1.1 | - 0 | 2276 | 2002/12/23 | 20:00:00 | 24.2 | 94.9 | 0.2 | 102 | 1.3 | - 0 |
| 2181 | 2002/12/9 | 21:00:00 | 24.4 | 96.0 | 6.4 | 112 | 1.1 | - 0 | 2277 | 2002/12/23 | 21:00:00 | 24.1 | 95.5 | 0.0 | 87 | 0.7 |  |
| 2982 | 2002/12/19 | 22:00:00 | 24.4 | 96.0 | 3.8 | 310 | 1.0 | - 0 | 2278 | 200212123 | 22:00:00 | 24.05 | 95.8 | 0.6 | 105 | 0.9 | 0 |
| 2183 | 2002/12/19 | 23:00:00 | 24.0 | 95.3 | 3.2 | 332 | 1.1 | 0 | 2279 | 2002/12/23 | 23:00:00 | 24.0 | 96.0 | 0.2 | 45 | 0.6 | , |
| 2184 | 2002/12/20 | 00:00:00 | 23.8 | 96.5 | 14.4 | 286 | 0.9 | 0 | 2280 | 2002/12/24 | 00:00:00 | 23.8 | 94.3 | 1.2 | 81 | 2.0 | - 0 |
| 2185 | 2002/12/20 | 01:00:00 | 23.6 | 96.4 | 3.6 | 227 | 1.4 | 0 | 2281 | 2002/12/24 | 01:00:00 | 23.8 | 94.6 | 0.0 | 306 | 0.8 | - 0 |
| 2186 | 2002/12/20 | 02:00:00 | 23.6 | 96.6 | 3.2 | 203 | 0.4 | - 0 | 2282 | 2002/12/24 | 02:00:00 | 23.7 | 94.8 | 0.2 | 112 | 0.6 |  |
| 2187 | $2002112 / 20$ | 03:00:00 | 23.6 | 36.7 | 1.8 | 66 | 0.3 | - 0 | 2283 | 2002/12/24 | 03:00:00 | 23.5 | 96.1 | 1.0 | 123 | 0.7 | 0 |
| 2188 | 2002/12/20 | 04:00:00 | 23.6 | 96.8 | 5.0 | 335 | 0.8. | - 0 | 2284 | 2002/12/24 | 04:00:00 | 23.3 | 96.5 | 0.0 | 79 | 0.5 |  |
| 2189 | 2002/12/20 | 05:00:00 | 23.6 | 96.8 | 6.8 | 22 | 0.5 | - 0 | 2285 | 2002/12/24 | 05:00:00 | 23.5 | 96.6 | 0.6 | 65 | 0.6 | 0 |
| 2190 | 2002/12/20 | 06:00:00 | 23.6 | 96.9 | 1.8 | 11 | 0.4 | 12 | 2286 | 2002/12/24 | 06:00:00 | 23.6 | 96.6 | 0.0 | 15 | 0.4 | 26 |
| 2191 | 2002/12/20 | 07:00:00 | 24.1 | 96.5 | 0.0 | 94 | 0.5 | 131 | 2287 | 2002/12/24 | 07:00:00 | 24.2 | 96.1 | 0.4 | 42 | 0.7 | 114 |
| 2192 | 2002/12/20 | 08:00:00 | 24.9 | 92.71 | 0.0 | 36 | 0.6 | 141 | 2288 | 2002/12/24 | 08:00:00 | 25.2 | 93.0 | 2.0 | 51 | 1.0 | 206 |
| 2193 | 2002/12/20 | 09:00:00 | 26.2 | 88.6 | 0.2 | 100 | 1.4 | 305 | 2289 | 2002/12/24 | 09:00:00 | 26.9 | 86.5 | 0.4 | 77 | 1.7 | 377 |
| 2194 | 2002/12/20 | 10:00:00 | 27.1 | 84.2 | 0.0 | 54 | 3.8 | 424 | 2290 | 2002/12/24 | 10:00:00 | 27.8 | 82.3 | 0.0 | 54 | 2.3 | 561 |
| 2195 | 2002/12/20 | 11:00:00 | 27.4 | 79.6 | 0.6 | 117 | 3.2 | 690 | 2291 | 2002/12/24 | 11:00:00 | 28.3 | 78.7 | 0.2 | 81 | 5.9 | 518 |
| 2196 | 2002/12/20 | 12:00:00 | 28.6 | 74.1 | 0.0 | 97 | 3.9 | 534 | 2292 | 2002/12/24 | 12:00:00 | 28.6 | 81.71 | 0.0 | 71 | 3.9 | 380 |
| 2197 | 2002/12/20 | 13:00:00 | 25.3 | 88.2 | 1.8 | 46 | 4.2 | 276 | 2293 | $2002112 / 24$ | 13:00:00 | 28.5 | 78.3 | 0.0 | 54 | 5.8 | 472 |
| 2198 | 2002/12/20 | 14:00:00 | 26.3 | 87.2 | 3.0 | 56 | 1.9 | 308 | 2294 | 2002/12/24 | 14:00:00 | 26.6 | 89.6 | 1.0 | 86 | 2.2 | 205 |
| 2199 | 2002/12/20 | 15:00:00 | 25.5 | 89.1 | 0.0 | 89 | 2.0 | 80 | 2295 | 2002/12/24 | 15:00:00 | 27.9 | 79.4 | 0.4 | 65 | 3.6 | 466 |
| 2200 | 2002/12/20 | 16:00:00 | 25.4 | 91.8 | 0.0 | 194 | 0.7 | 24 | 2296 | 2002/12/24 | 16:00:00 | 26.3 | 88.1 | 0.6 | 28 | 1.6 | 70 |
| 2201 | 2002/12/20 | 17:00:00 | 25.3 | 93.3 | 0.0 | 245 | 1.2 | 51 | 2297 | 2002/12/24 | 17:00:00 | 26.4 | 89.9 | 1.2 | 72 | 2.2 | 157 |
| 2202 | 2002/12/20 | 18:00:00 | 25.0 | 93.0 | 3.2 | 344 | 1.0 | 39 | 2298 | 2002/12/24 | 18:00:00 | 25.9 | 89.0 | 0.0 | 208 | 1.2 | 16 |
| 2203 | 2002/12/20 | 19:00:00 | 24.8 | 95.3 | 0.8 | 111 | 1.0 |  | 2299 | 2002/12/24 | 19:00:00 | 25.2 | 93.9 | 0.0 | 131 | 0.9 |  |
| 2204 | 2002/12/20 | 20:00:00 | 23.9 | 95.3 | 7.2 | 242 | 1.0 |  | 2300 | 2002/12/24 | 20:00:00 | 24.8 | 95.1 | 0.0 | 86 | 0.6 | 0 |
| 2205 | 2002/12/20 | 21:00:00 | 23.2 | 96.3 | 17.0 | 286 | 5.4 | --0 | 2301 | 2002/12/24 | 21:00:00 | 24.7 | 95.6 | 0.8 | 125 | 1.0 |  |
| 2206 | 2002/12/20 | 22:00:00 | 22.4 | 97.0 | 18.6 | 7 | 2.2 |  | 2302 | 2002/12/24 | 22:00:00 | 24.6 | 95.1 | 1.2 | 35 | 1.5 | - 0 |
| 2207 | 2002/12/20 | 23:00:00 | 22.1 | 97.3 | 10.2 | 284 | ¢. 6 |  | 2303: | 2002/12/24 | 23:00:00 | 24.7 | 93.9 | 0.2 | 180 | 0.9 | - 0 |

APPENDIX 3 Weather observation data in Namosi area（15）

| No． | Oats | Time |  | $\begin{aligned} & \text { 产 } \\ & \text { 을 } \\ & \text { 혼 } \end{aligned}$ |  |  |  | $\begin{aligned} & \text { 등 } \\ & \text { 흥 } \\ & \underline{\underline{O}} \end{aligned}$ | No． | Data | Time |  | $\begin{aligned} & \frac{2}{⿳ 亠 丷 厂 彡} \\ & \frac{2}{5} \\ & \frac{1}{1} \end{aligned}$ |  |  | 亳 0 0 0 5 5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | yyydimmid | hh：mmiss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | $\mathrm{kW} / \mathrm{m} 2$ |  | yyy：min：dd | hh：mmiss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | kW／m 2 |
| 2304 | 2002／12／25 | 00：00：00 | 24.5 | 95.5 | 2.0 | 144 | 0.8 | 0 | 2400 | 2002112129 | 00：00：00 | 23 | 85.1 | 0.6 | 110 | 0.5 | 0 |
| 2305 | 2002／12／25 | 01：00：00 | 24.5 | 95.9 | 1.8 | 359 | 1.1 |  | 2401 | 2002／12／29 | 01：00：00 | 22 | 95.5 | 0.0 | 75 | 0.8 |  |
| 2306 | 2002／12／25 | 02：00：00 | 24.4 | 96.1 | 0.6 |  | 0.9 |  | 2402 | 2002／12／29 | 02：00：00 | 22.2 | 96.0 | 0.0 | 114 | 0.7 | 0 |
| 2307 | 2002／12／25 | 03：00：00 | 24.3 | 96.3 | 0.4 | 310 | 0.6 |  | 2403 | 2002／12／29 | 03：00：00 | 22.2 | 96.2 | 0.0 | 106 | 0.4 | 0 |
| 2308 | 2002／12／25 | 04：00：00 | 24.3 | 96.1 | 0.0 | 209 | 0.9 | 0 | 2404 | 2002／12／29 | 04：00：00 | 22.2 | 96.2 | 0.0 | 21 | 1.1 |  |
| 2309 | 2002／12／25 | 05：00：00 | 24.2 | 95.8 | 1.6 | 248 | 1.0 | 0 | 2405 | 2002／12／29 | 05：00：00 | 22.0 | 96.3 | 0.0 | 100 | 0.9 |  |
| 2310 | 2002／12／25 | 06：00：00 | 24.2 | 95.9 | 0.4 | 144 | 0.5 | 18 | 2406 | 2002／12／29 | 06：00：00 | 21.9 | 96.6 | 0.0 | 96 | 1.2 | 15 |
| 2311 | 2002／12／25 | 07：00：00 | 24.8 | 94.9 | 0.6 |  | 0.9 | 92 | 2407 | 2002／12／29 | 07：00：00 | 22.4 | 95.7 | 0.0 | 49 | 0.9 | 83 |
| 2312 | 2002／12／25 | 08：00：00 | 25.8 | 90.7 | 0.4 | 45 | 2.4 | 153 | 2408 | 2002／12／29 | 08：00：00 | 25.1 | 86.0 | 0.0 | 341 | 1.4 | 384 |
| 2313 | $2002412 / 25$ | 09：00：00 | 26.4 | 85.1 | 0.0 | 48 | 3.9 | 203 | 2409 | 2002412129 | 09：00：00 | 26.3 | 77.3 | 0.0 | 59 | 3.4 | 569 |
| 2314 | 2002／12／25 | 10：00：00 | 26.9 | 88.9 | 0.4 | 73 | 3.5 | 430 | 2410 | 2002／12／29， | 10：00：00 | 27.0 | 74.5 | 0.0 | 81 | 4.4 | 37 |
| 2315 | 2002／12／25 | 11：00：00 | 27.4 | 80.3 | 0.0 | 65 | 4.6 | 482 | 2411 | 2002／12／29 | 11：00：00 | 27.1 | 70.3 | 0.0 | 66 | 5.3 | 460 |
| 2316 | 2002／12／25 | 12：00：00 | 28.3 | 79.5 | 0.0 | 62 | 4.1 | 241 | 2412 | 2002／12／29 | 12：00：00 | 29.0 | 74.0 | 0.0 | 80 | 6.5 | 1217 |
| 2317 | 2002／12／25 | 13：00：00 | 28.3 | 82.6 | 0.6 | 62 | 3.5 | 276 | 2413 | 2002／12／29 | 13：00：00 | 30.5 | 62.8 | 0.0 | 82 | 5.5 | 1404 |
| 2318 | 2002／12／25 | 14：00：00 | 27.2 | 88.7 | 1.2 | 60 | 2.2 | 468 | 2414 | 2002／12／29 | 14：00：00 | 30.0 | 62.9 | 0.0 | 76 | 7.3 | 1011 |
| 2319 | 2002／12／25 | 15：00：00 | 26.9 | 86.8 | 0.4 | 95 | 3.1 | 199 | 2415 | 2002／12／29 | 15：00：00 | 28.9 | 64.0 | 0.0 | 79 | 6.1 | 924 |
| 2320 | 2002／12／25 | 16：00：00 | 26.8 | 87.4 | 0.2 | 92 | 2.7 | 181 | 2416 | 2002／12／29 | 16：00：00 | 28.1 | 67.3 | 0.0 | 88 | 9.4 | 254 |
| 2321 | 2002／12／25 | 17：00：00 | 25.8 | 91.2 | 0.6 | 53 | 3.2 | 63 | 2417 | 2002／12／29 | 17：00：00 | 27.0 | 72.5 | 0.0 | 106 | 4.8 | 110 |
| 2322 | 2002112125 | 18：00：00 | 25.3 | 93.6 | 1.6 | 29 | 1.6 | 26 | 2418 | 2002／12／29 | 18：00：00 | 26.1 | 77．8． | 0.0 | 77 | 2.7 | 39 |
| 2323 | 2002／12／25 | 19：00：00 | 24.8 | 93.9 | 1.4 | 75 | 0.9 |  | 2419 | 2002／12／29 | 19：00：00 | 24.7 | 88.9 | 0.0 | 72 | 0.7 |  |
| 2324 | 2002／12／25 | 20：00：00 | 24.4 | 95.3 | 0.0 | 119 | 0.4 | 0 | 2420 | 2002／12／29 | 20：00：00 | 24.2 | 92.1 | 0.0 | 119 | 0.9 |  |
| 2325 | 2002／12／25 | 21：00：00 | 24.2 | 95.4 | 0.0 | 231 | 1.0 | 0 | 2421 | 2002／12／29 | 21：00：00 | 23.9 | 93.8 | 0.0 | 87 | 1.0 | 0 |
| 2326 | 2002／12／25 | 22：00：00 | 23.9 | 96.0 | 0.0 | 40 | 0.9 | 0 | 242 | 2002112129 | 22：00：00 | 23.7 | 94.9 | 0.2 | 85 | 0.6 |  |
| 2327 | 2002／12／25 | 23：00：00 | 24.0 | 96.1 | 0.0 | 176 | 0.5 | 0 | 2423 | 2002／12／29 | 23：00：00 | 23.5 | 95.3 | 0.0 | 57 | 1.1 |  |
| 2328 | 2002／12／26 | 00：00：00 | 24.0 | 96.2 | 0.0 | 99 | 0.9 | 0 | 2424 | 2002／12／30 | 00：00：00 | 23.4 | 95．8 | 0.0 | 63 | 0.4 |  |
| 2329 | 2002／12／26 | 01：00：00 | 23.8 | 96.5 | 0.0 | 50 | 0.5 | 0 | 2425 | 2002／12／30 | 01：00：00 | 23.3 | 95.9 | 0.0 | 117 | 0.6 |  |
| 2330 | 2002／12／26 | 02：00：00 | 23.8 | 96.5 | 0.0 | 128 | 0.5 | 0 | 2426 | 2002／12／3 | 02：00：00 | 23.0 | 96. | 0.0 | 29 | 0.6 |  |
| 2331 | 2002／12／26 | 03：00：00 | 23.8 | 96.6 | 0.0 | 10 | 0.5 | 0 | 2427 | 2002／12／30 | 03：00：00 | 23.0 | 95.9 | 0.0 | 341 | 0.8 |  |
| 2332 | 2002／12／26 | 04：00：00 | 23.9 | 96.5 | 0.0 | 74 | 0.9 | 0 | 2428 | 2002／12／30 | 04：00：00 | 22.8 | 96.0 | 0.2 | 32 | 0.8 |  |
| 2333 | 2002／12／26 | 05：00：00 | 23.9 | 96.6 | 0.0 | 76 | 0.3 | 0 | 2429 | 2002／12／30 | 05：00：00 | 22.7 | 95.7 | 0.2 | 78. | 0.5 |  |
| 2334 | 2002／92126 | 06：00：00 | 24.1 | 96.6 | 0.0 | 132 | 0.5 | 16 | 2430 | 2002／12／30 | 06：00：00 | 22.8 | 93.7 | 0.0 | 95 | 1.5 | 14 |
| 2335 | $2002 / 12126$ | 07：00：00 | 25.1 | 94.6 | 0.0 | 46 | 0.3 | 64 | 2431 | 2002／12／30 | 07：00：00 | 23.0 | 34.0 | 0.2 | 80 | 0.4 | 79 |
| 2336 | 2002／12／26 | 08：00：00 | 26.7 | 86.7 | 0.0 | 60 | 2.8 | 463 | 2432 | 2002／12／30 | 08：00：00 | 24.2 | 88.7 | 0.0 | 32 | 0.8 | 83 |
| 2337 | 2002／12／26 | 09：00：00 | 29.1 | 75.5 | 0.0 | 81 | 3.9 | 813 | 2433 | 2002／12／30 | 09：00：00 | 24.6 | 87.0 | 0.0 | 52 | 1.3 | 133 |
| 2338 | 2002／12／22 | 10：00：00 | 29.3 | 74.3 | 0.0 | 78 | 6.4 | 685 | 2434 | 2002／12／30 | 10：00：00 | 24.0 | 91.7 | 0.6 | 72 | 2.8 | 263 |
| 2339 | 2002／12／26 | 11：00：00 | 30.1 | 73.0 | 0.0 | 96 | 5.4 | 680 | 2435 | 2002／12／30 | 11：00：00 | 25.0 | 88.4 | 0.2 | 43 | 2.1 | 464 |
| 2340 | 2002／12／26 | 12：00：00 | 30.7 | 67.3 | 0.0 | 75 | 7.1 | 1131 | 2436 | 2002／12／30 | 12：00：00 | 25.4 | 83.0 | 0.2 | 45 | 2.7 | 375 |
| 2341 | 2002／12／26 | 13：00：00 | 25.6 | 91.9 | 5.0 | 115 | 7.1 | 289 | 2437 | 2002／12／30 | 13：00：00 | 25.1 | 84.7 | 0.2 | 72 | 2.4 | 276 |
| 2342 | 2002／12／26 | 14：00：00 | 28.4 | 81.7 | 2.4 | 67 | 2.9 | 614 | 2438 | 2002／12／30 | 14：00：00 | 24.9 | 88.3 | 0.0 | 104 | 3.3 | 122 |
| 2343 | 2002／12／26 | 15：00：00 | 27.6 | 85.0 | 0.2 | 102 | 2.0 | 216 | 2439 | 2002／12／30 | 15：00：00 | 25.1 | 86.7 | 0.0 | 71 | 1，8 | 98 |
| 2344 | 2002112126 | 16：00：00 | 27.3 | 8 ¢ 2 | 0.0 | 133 | 2.6 | 105 | 2440 | 2002／12130 | 16：00：00 | 25.7 | 81.4 | 0.0 | 79 | 3.1 | 152 |
| 2345 | 2002／12／26 | 17：00：00 | 27.2 | 85.6 | 0.2 | 64 | 2.2 | 86 | 244 ¢ | 2002／12／30 | 17：00：00 | 25.8 | 78.9 | 0.0 | 82 | 5.8 | 120 |
| 2346 | 2002／12／26 | 18：00：00 | 26.6 | 89.3 | 0.0 | 98. | 3.3 | 33 | 2442 | 2002／12／30 | 18：00：00 | 25.1 | 82.2 | 0.0 | 79 | 3.5 | 13 |
| 2347 | 2002／12／26 | 19：00：00 | 25.8 | 93.5 | 0.0 | 326 | 0.7 | 0 | 2443 | 2002／12330 | 19：00：00 | 24.8 | 81.3 | 0.0 | 95 | 4.0 | 0 |
| 2348 | 2002／12／26 | 20：00：00 | 25.4 | 95.0 | 0.2 | 125 | 0.4 | 0 | 2444 | 2002／12／3 | 20：00：00 | 24.0 | 86.4 | 0.0 | 83 | 2.3 |  |
| 2349 | 2002／12／26 | 21：00：00 | 25.1 | 94.3 | 0.6 | 81 | 2.5 |  | 2445 | 2002／12／30 | 21：00：00 | 23.4 | 88.8 | 0.0 | 56 | 1.8 | 0 |
| 2350 | 2002／12／26 | 22：00：00 | 25.1 | 94.9 | 0.2 | 188 | 0.7 | 0 | 2446 | 2002／12／30 | 22：00：00 | 24.3 | 81.3 | 0.0 | 87 | 3.3 |  |
| 2351 | 2002／12／26 | 23：00：00 | 25.1 | 94.1 | 0.2 | 83 | 2.0 | 0 | 2447 | 2002／12／30 | 23：00：00 | 23.9 | 84.6 | 0.0 | 65 | 2.5 |  |
| 2352 | 2002／12／27 | 00：00：00 | 25.1 | 94.0 | 0.0 | 9 | 0.9 | 0 | 2448 | 2002／12／31 | 00：00：00 | 22.9 | 91．3 | 0.0 | 96 | 1.0 |  |
| 2353 | 2002／12／27 | 01：00：00 | 24.7 | 95.5 | 2.0 | 348 | 0.8 | 0 | 2448 | 2002／12／31 | 01：00：00 | 22.7 | 93.7 | 0.0 | 87 | 0.6 | 0 |
| 2354 | 2002／12／27 | 02：00：00 | 24.6 | 94.4 | O．B | 52 | 1.8 | 0 | 2450 | 2002／12／31 | 02：00：00 | 22.7 | 94.0 | 0.0 | 102 | 1.1 | 0 |
| 2355 | 2002／12／27 | 03：00：00 | 24.5 | 95.3 | 2.0 | 355 | 0.5 | 0 | 2451 | 2002／12／31 | 03：00：00 | 22.7 | 95.1 | 0.0 | 117 | 0.8 |  |
| 2356 | 2002／12／27 | 04：00：00 | 24.5 | 95.4 | 0.0 | 157 | 0.8 | 0 | 2452 | 2002／12／31 | 04：00：00 | 22.9 | 94.8 | 0.0 | 353 | 2.9 |  |
| 2357 | 2002／12127 | 05：00：00 | 24.5 | 95.0 | 0.2 | 236 | 0.5 |  | 2453 | 2002／12／31 | 05：00：00 | 23.3 | 90. | 0.0 |  | 3.1 |  |
| 2358 | 2002／12／27 | 06：00：00 | 24.5 | 95.2 | 0.0 | 330 | 0.4 | 8 | 2454 | 2002／12／31 | 06：00：00 | 24.5 | 85.6 | 0.0 | 98 | 3.5 |  |
| 2359 | 2002／12／27 | 07：00：00 | 24.9 | 91.4 | 0.4 | 63 | 2.8 | 40 | 2455 | 2002／12／31 | 07：00：00 | 24.6 | 85.4 | 0.0 | 125 | 5.2 | 45 |
| 2360 | 2002／12／27 | 08：00：00 | 25.2 | 89.5 | 0.0 | 70 | 2.6 | 104 | 2456 | 2002／12／31 | 08：00：00 | 24.5 | 86.2 | 0.0 | 116 | 6.0 | 22 |
| 2361 | 2002／12／27 | 09：00：00 | 25.6 | 89.3 | 0.2 | 99 | 3.1 | 316 | 245 | 2002／12／3 | 09：00：00 | 24.9 | 84. | 0.0 | 104 | 4.6 | 92 |
| 2362 | 2002／12／27 | 10：00：00 | 26.2 | 88.7 | 0.0 | 55 | 3.4 | 425 | 2458 | 2002／12／37 | 10：00：00 | 25.2 | 80.2 | 0.0 | 79 | 4.9 | 130 |
| 2363 | 2002／12／27． | 11：00：00 | 26.6 | 85.5 | 0.2 | 66 | 3.4 | 885 | 2459 | 2002／12／31 | 11：00：00 | 25.9 | 81.0 | 0.0 | 20 | 2.8 | 185 |
| 2364 | 2002／12／27 | 12：00：00 | 28．9 | 75.0 | 0.0 | 81 | 4.7 | 1285 | 2460 | 2002／12／31 | 12：00：00 | 25.6 | 78.2 | 0.0 | 87 | 5.6 | 130 |
| 2365 | 2002／12／27 | 13：00：00 | 27.9 | 80.7 | 0.0 | 54 | 4.5 | 299 | 2461 | 2002／12／31 | 13：00：00 | 25.2 | 84.6 | 0.4 | 80 | 3.6 | 99 |
| 2366 | 2002／12／2 | 14：00：00 | 28.3 | 76.8 | 0.2 | 81 | 4.6 | 334 | 2462 | 2002：12／31 | 14：00：00 | 25．9． | 84. | 0.4 | 61 | 4.7 | 224 |
| 2367 | 2002／12／27 | 15：00：00 | 28.3 | 76.1 | 0.0 | 117 | 3.7 | 257 | 2463 | 2002／12／31 | 15：00：00 | 25.4 | 79.5 | 0.0 | 99 | 10.0 | 132 |
| 2368 | 2002／12／27 | 16：00：00 | 27.2 | 74.9 | 0.0 | 89 | 5.1 | 147 | 2464 | 2002／12／31 | 16：00：00 | 25.6 | 78.7 | 0.01 | 85 | 5.0 | 68 |
| 2369 | 2002／12／27 | 17：00：00 | 26.4 | 84.5 | 0.0 | 25 | 1.4 | 71 | 2465 | 2002／12／31 | 17：00：00 | 25.5 | 81.0 | 0.0 | 9 | 8.4 | 80 |
| 2370 | 2002／12／27 | 18：00：00 | 26.4 | 85.2 | 0.0 | 36 | 0.7 | 32 | 2466 | 2002／12／31 | 18：00：00 | 25.2 | 80.9 | 0.0 | 95 | 5.8 | 41 |
| 2371 | 2002／12／27 | 19：00：00 | 25.3 | 90．2 | 0.0 | 86 | 1.2 |  | 246 | 2002／12／31 | 19：00：00 | 25.4 | 79.9 | 0.0 | 98 | 9.8 |  |
| 2372 | 2002／12／27 | 20：00：00 | 24.8 | 93.5 | 0.0 | 106 | 0.6 | 0 | 2468 | 2002／12／31 | 20：00：00 | 24.8 | 82.7 | 0.0 | 62 | 5.6 | 0 |
| 2373 | 2002／12／27 | 21：00：00 | 24.6 | 94.2 | 0.0 | 130 | 0.7 |  | 2469 | 2002／12／31 | 21：00：00 | 25.5 | 76.9 | 0.0 | 74 | 7.0 |  |
| 2374. | 2002／12／27 | 22：00：00 | 24.6 | 94.1 | 0.0 | 196 | 0.5 | 0 | 2470 | 2002／12／31 | 22：00：00 | 25.8 | 76.7 | 0.0 | 82 | 5.0 |  |
| 2375 | 2002／12／27 | 23：00：00 | 24.3 | 94.9 | 0.0 | 84 | 0.8 |  | 2471 | 2002／12／39 | 23：00：00 | 24.9 | 87.4 | 0.4 | 74 | 4.6 |  |
| 2376 | 2002／12／28 | 00：00：00 | 24.0 | 95.5 | 0.0 |  | 0.6 |  | 2472 | 2003／1／1 | 00：00：00 | 24.5 | 91.1 | 0.8 | 59 | 3.7 |  |
| 2377 | 2002／12／28 | 01：00：00 | 23.9 | 95．5 | 0.0 | 222 | 0.9 | 0 | 2473 | 2003／1／1 | 01：00：00 | 24.0 | 95.1 | 3.2 | 63 | 1.9 | 0 |
| 2378 | 2002／12／28 | 02：00：00 | 23.8 | 95.8 | 0.0 | 317 | 0.7 |  | 2474 | 2003／1／1 | 02：00：00 | 24.3 | 94.4 | 1.4 | 84 | 3.5 |  |
| 2379． | 2002／12／28 | 03：00：00 | 23.7 | 96.0 | 0.4 | 350 | 0.6 | 0 | 2475 | 2003／1／1 | 03：00：00 | 24.4 | 93.1 | 0.6 | 88 | 2.3 | － |
| 2380 | 2002／12／28 | 04：00：00 | 23.7 | 96.1 | 0.2 | 73 | 0.7 | 0 | 2476 | 2003／1／1 | 04：00：00 | 25.2 | 87.0 | 0.0 | 118 | 3.7 |  |
| 2381 | 2002／12128 | 05：00：00 | 23.5 | 96.4 | 0.0 | 88 | 0.0 | 0 | 2477 | $2003 / 1 / 1$ | 05：00：00 | 24.8 | 90.0 | 0.4 | 75 | 4.6 |  |
| 2382 | 2002／12／28 | 06：00：00 | 23.2 | 96.5 | 0.0 | 18 | 0.0 | 16 | 2478 | 2003／1／1 | 06：00：00 | 25.3 | 86.7 | 0.0 | 80 | 7.1 |  |
| 2383 | 2002／12／28 | 07：00：00 | 23.5 | 96.0 | 0.0 | 43 | 0.0 | 109 | 2479 | 2003／1／1 | 07：00：00 | 24.9 | 89.7 | 0.4 | 91 | 3.4 | 107 |
| 2384 | 2002／12128 | 08：00：00 | 26.5 | 86.2 | 0.0 | 52 | 0.0 | 399 | 2480 | 2003／1／1 | 08：00：00 | 26.0 | 88.1 | 0.0 | 87 | 2.4 | 168 |
| 2385 ． | 2002／12／28 | 09：00：00 | 26.9 | 79.5 | 0.0 | 71. | 3.2 | 591 | 2481 | 2003／1／1 | 09：00：00 | 26.5 | 87.5 | 0.0 | 66 | 3.8 | 298 |
| 2386 | 2002／12／28． | 10：00：00 | 27.8 | 75.6 | 0.0 | 82 | 3.3 | 509 | 2482 | 2003／1／1 | 10：00：00 | 26.7 | 84.3 | 0.0 | 82 | 3.5 | 235 |
| 2387 | 2002／12／28 | 11：00：00 | 28.2 | 74.7 | 0.0 | 60 | 3.7 | 1258 | 2483 | 2003／1／1 | 11：00：00 | 27.0 | 87.9 | 0.4 | 80 | 4.3 | 447 |
| 2388 | $2002 / 12 / 28$ | 12：00：00 | 28.5 | 69.4 | 0.0 | 93 | 5.4 | 894 | 2484 | $2003 / 191$ | 12：00：00 | 27.5 | 84.5 | 0.2 | 87 | 4.1 | 369 |
| 2389 | 2002／12／28 | 13：00：00 | 28.6 | 74.2 | 0.0 | 108 | 4.4 | 1171 | 2485 | 2003／1／1 | 13：00：00 | 28.0 | 87.8 | 1.2 | 77 | 2.2 | 956 |
| 2390 | 2002／12／28 | 14：00：00 | 28.0 | 70.3 | 0.0 | 98 | 5.0 | 293 | 2486 | 2003／1／1 | 14：00：00 | 29.7 | 80.0 | 0.0 | 53 | 2.4 | 776 |
| 2399 | 2002／12／28 | 15：00：00 | 29.0 | 67.3 | 0.0 | 88 | 5.7 | 313 | 2487 | 2003／1／1 | 15：00：00 | 30.0 | 76.6 | 0.0 | 115 | 2.8 | 250 |
| 2392 | 2002／12／28 | 16：00：00 | 27.6 | 71.0 | 0.0 | 100 | 4.8 | 229 | 2488 | 2003／111 | 16：00：00 | 31.3 | 75.5 | 0.0 | 322 | 2.8 | 272 |
| 2393 | 2002／12／28 | 17：00：00 | 27.0 | 71.9 | 0.0 | 109 | 5.3 | 151 | 2489 | 2003／1／1 | 17：00：00 | 30.5 | 77.5 | 0.0 | 67 | 1.8 | 344 |
| 2394 | 2002／12／28 | 18：00：00 | 26.2 | 76.9 | 0.0 | 119 | 3.0 | 30 | 2490 | 2003／1／1 | 18：00：00 | 28.9 | 68.3 | 0.0 | 233 | 3.6 | 63 |
| 2395 | 2002／12／28 | 19：00：00 | 24.7 | 88.8 ． | 0.0 | 88 | 0.5 | 0 | 2491 | 2003／1／1 | 19：00：00 | 25.2 | 88.6 | 0.0 | 181 | 0.8 |  |
| 2396 | 2002／12／28 | 20：00：00 | 24.1 | 91.6 | 0.0 | 164 | 0.4 |  | 2492 | 2003／1／1 | 20：00：00 | 23.9 | 93.9 | 0.0 | 110 | 0.9 |  |
| 2397 | 2002112／28 | 21：00：00 | 23.8 | 94.2 | 0.0 | 148 | 0.5 |  | 2493 | $2003 / 1 / 1$ | 21：00：00 | 23.0 | 95.5 | 0.0 | 99 | 0.8 |  |
| 2398 | 2002／12／28 | 22：00：00 | 23.8 | 94.0 | 0.0 | 301 | 0.5 | － 0 | 2494 | 2003／1／1 | 22：00：00 | 22.5 | 95.9 | 0.0 | 346 | 0.6 |  |
| 2399 | 2002／12／28 | 23：00：00 | 23.5 | 94.9 | 0.0 | 42 | 0.6 |  | 2495 | 2003／1／11 | 23：00：00 | 22.3 | 96.61 | 0.0 | 315. | 0.9 |  |


| No. | Date | Time |  |  |  |  |  |  | No. | Date | Time |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ymyimmidd | hn:mm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |  | yyy:mm:dd | hnimm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kW/m2 |
| 2496 | 2003/1/2 | 00:00:00 | 22.5 | 96.8 | 0.0 | 314 | 0.9 | 0 | 2592 | 2003/1/6 | 00:00:00 | 22.4 | 96.5 | 0.0 | 22 | 0.6 |  |
| 2497 | 2003/1/2 | 01:00:00 | 22.2 | 96.8 | 0.0 | 98 | 0.5 | 0 | 2593 | 2003/1/6 | 01:00:00 | 21.9 | 96.6 | 0.0 | 226 | 0.4 |  |
| 2498 | 2003/1/2 | 02:00:00 | 22.3 | 97.0 | 0.0 | 267 | 1.5 | 0 | 2594 | 2003/1/6 | 02:00:00 | 21.6 | 96.8 | 0.0 | 150 | 0.5 | 0 |
| 2499 | 2003/1/2 | 03:00:00 | 22.0 | 97.0 | 0.0 | 113 | 0.6 | 0 | 2595 | 2003/1/6 | 03:00:00 | 21.4 | 97.0 | 0.0 | 115 | 0.5 | 0 |
| 2500 | 2003/1/2 | 04:00:00 | 22.3 | 97.1. | 0.01 | 83 | 0.8 | 0 | 2596 | 2003/1/6 | 04:00:00 | 21.3 | 97.1 | 0.0 | 175 | 0.7 | 0 |
| 2501 | 2003/1/2 | 05:00:00 | 22.2 | 97.1 | 0.0 | 54 | 0.7 | 0 | 2597 | 2003/1/6 | 05:00:00 | 21.1 | 97.2 | 0.0 | 225 | 0.6 | 0 |
| 2502 | 2003/1/2 | 06:00:00 | 22.2 | 97.1 | 0.0 | 125 | 0.3 | 14 | 2598 | 2003/1/6 | 06:00:00 | 20.9 | 97.3 | 0.0 | 334 | 0.8 | 11 |
| 2503 | 2003/1/2 | 07:00:00 | 22.6 | 96.6 | 0.0 | 267 | 0.8 | 131 | 2599 | 2003/1/6 | 07:00:00 | 24.0 | 97.1 | 0.0 | 54 | 0.8 | 31 |
| 2504 | 2003/1/2 | 08:00:00 | 25.6 | 87.0 | 0.0 | 80 | 1.3 | 530 | 2600 | 2003/1/6 | 08:00:00 | 22.0 | 96.6 | 0.0 | 353 | 1.1 | 220 |
| 2505 | 2003/1/2 | 09:00:00 | 29.0 | 62.3 | 0.0 | 221 | 4.3 | 665 | 2601 | 2003/1/6 | 09:00:00 | 27.3 | 73.3 | 0.0 | 16 | 2.2 | 758 |
| 2506 | 2003/1/2 | 10:00:00 | 29.4 | 60.6 | 0.0 | 245 | 2.6 | 278 | 2602 | 2003/1/6 | 10:00:00 | 28.3 | 70.0 | 0.0 | 266. | 3.9 | 377 |
| 2507 | 2003/1/2 | 11:00:00 | 31.9 | 55.4 | 0.0 | 252 | 3.3 | 1064 | 2603 | 2003/1/6 | 11:00:00 | 29.7 | 64.5 | 0.0 | 234 | 1.7 | 272 |
| 2508 | 2003/1/2 | 12:00:00 | 30.8 | 57.4 | 0.0 | 264 | 3.9 | 315 | 2604 | 2003/1/6 | 12:00:00 | 31.4 | 60.3 | 0.0 | 84 | 4.4 | 1009 |
| 2509 | 2003/1/2 | 13:00:00 | 31.3 | 59. | 0.0 | 68 | 4.7 | 313 | 2605 | 2003/1/6 | 13:00:00 | 31.9 | 62.0 | 0.0 | 82 | 4.2 | 1147 |
| 2510 | 2003/1/2 | 14:00:00 | 32.5 | 54.0 | 0.0 | 85 | 3.2 | 982 | 2606 | 2003/1/6 | 14:00:00 | 31.0 | 65.0 | 0.0 | 105 | 4.2 | 241 |
| 2511 | 2003/1/2 | 15:00:00 | 31.5 | 62.91 | 0.0 | 59 | 4.4 | 847 | 2607 | 2003176 | 15:00:00 | 29.2 | 71,6 | 0.0 | 76 | 3.8 | 156 |
| 2512 | 2003/1/2 | 16:00:00 | 30.0 | 65.5 | 0.0 | 143 | 2.2 | 168 | 2608 | 2003/1/6 | 16:00:00 | 27.8 | 83.4 | 0.2 | 283 | 2.5 | 185 |
| 2513 | 2003/1/2 | 17:00:00 | 29.5 | 68.0 | 0.0 | 106 | 3.5 | 284 | 2609 | 2003/1/6 | 17:00:00 | 27.6 | 81.3 | 0.0 | 118 | 1.9 | 77 |
| 2514 | 2003/1/2 | 18:00:00 | 28.1 | 67.6 | 0.0 | 135 | 4.0 | 42 | 2610 | 2003/1/6 | 18:00:00 | 26.4 | 90. | 0.2 | 210 | 1.1 | 12 |
| 2515 | 2003/1/2 | 19:00:00 | 26.1 | 83.2 | 0.0 | 87 | 1.0 |  | 2611 | 2003/1/6 | 19:00:00 | 25.8 | 91.9 | 0.0 | 245 | 1.0 |  |
| 2516 | 2003/112 | 20:00:00 | 25.1 | 89.8 | 0.0 | 901 | 0.7 | 0 | 2612 | 2003/1/6 | 20:00:00 | 25.4 | 94.0 | 0.0 | 61 | 0.7 |  |
| 2517 | 2003/1/2 | 21:00:00 | 24.5 | 92.9 | 0.0 | 246 | 1.2 | 3 | 2613 | 2003/1/6 | 21:00:00 | 24.8 | 94.6 | 0.0 | 39 | 0.6 | 0 |
| 2518 | 2003/1/2 | 22:00:00 | 24.3 | 94.3 | 0.0 | 123 | 0.8 | 0 | 2614 | 2003/1/6 | 22:00:00 | 24.2 | 94.8 | 0.0 | 40 | 0.7 | 0 |
| 2519 | 2003/1/2 | 23:00:00 | 24.2 | 95.2 | 0.0 | 115 | 0.6 | 0 | 2615 | 2003/1/6 | 23:00:00 | 24.0 | 95.8 | 0.0 | 126 | 0.1 |  |
| 2520 | 2003/1/3 | 00:00:00 | 24.1 | 95.4 | 0.0 | 80 | 0.5 | 0 | 2616 | 2003/1/7 | 00:00:00 | 23.9 | 95.9 | 0.0 | 24 | 0.4 |  |
| 2521 | 2003/1/3 | 01:00:00 | 23.8 | 95.7 | 0.0 | 353 | 0.8 | 0 | 2617 | $20031 / 7$ | 01:00:00 | 23.7 | 96.4 | 0.0 | 72 | 0.4 | 0 |
| 2522 | 2003/1/3 | 02:00:00 | 23.4 | 96.1 | 0.0 | 255 | 0.3 | 0 | 2618 | 2003/17 | 02:00:00 | 23.7 | 96.5 | 0.0 | 180 | 0.2 | 0 |
| 2523 | 2003/1/3 | 03:00:00 | 22.9 | 96.2 | 0.0 | 241 | 0.9 | 0 | 2619 | 2003/17 | 03:00:00 | 23.6 | 96.5 | 0.0 | 65 | 0.6 |  |
| 2524 | 2003/1/3 | 04:00:00 | 22.5 | 96.6 | 0.0 | 277 | 1.0 | 0 | 2620 | 2003/1/7 | 04:00:00 | 23.5 | 96,6 | 0.0 | 72 | 0.4 | 0 |
| 2525 | $20031 / 13$ | 05:00:00 | 22.6 | 96.8 | 0.01 | 9 | 0.4 | 0 | 2621 | 2003/1/7 | 05:00:00 | 23.4 | 96.7 | 0.0 | 67 | 0.3 |  |
| 2526 | 2003/1/3 | 06:00:00 | 22,4. | 96.5 | 0.0 | 313 | 0.6 | 10 | 2622 | 2003/177 | 06:00:00 | 23.3 | 96.7 | 0.0 | 24 | 0.2 | 17 |
| 2527 | 2003/1/3 | 07:00:00 | 22.6 | 96.0 | 0.0 | 268 | 1.0 | 76 | 2623 | 2003/17 | 07:00:00 | 24.0 | 96.5 | 0.0 | 37 | 0.5 | 94 |
| 2528 | 2003/1/3 | 08:00:00 | 25.1 | 85.7 | 0.0 | 287 | 0.7 | 387 | 2624 | 2003/1/7 | 08:00:00 | 28.1 | 77.8 | 0.0 | 274 | 1.0 | 453 |
| 2529 | 2003/1/3 | 09:00:00 | 28.3 | 70.1 | 0.0 | 39 | 1.8 | 684 | 2625 | 2003/17/7 | 09:00:00 | 30.7 | 62.0 | 0.0 | 146 | 3.1 | 669 |
| 2530 | 2003/1/3 | 10:00:00 | 30.1 | 58.4 | 0.0 | 282 | 3.2 | 995 | 2626 | 2003/1/7 | 10:00:00 | 31.8 | 58.9 | 0.0 | 116 | 1.9 | 852 |
| 2531 | 2003/1/3 | 11:00:00 | 31.3 | 50.7 | 0.0 | 248 | 2.6 | 457 | 2627 | 2003/1/7 | 11:00:00 | 32.0 | 61.1 | 0.0 | 115 | 4.6 | 1022 |
| 2532 | 2003/1/3 | 12:00:00 | 32.4 | 52.7 | 0.0 | 337 | 2.9 | 1345 | 2628 | 2003/177 | 12:00:00 | 32.2 | 59.6 | 0.0 | 96 | 3.8 | 520 |
| 2533 | 2003/1/3 | 13:00:00 | 31.5 | 58.2 | 0.0 | 128 | 4.8 | 421 | 2629 | 2003/1/7 | 13:00:00 | 31.6 | 64.2 | 0.0 | 55 | 2.3 | 226 |
| 2534. | 2003/1/3 | 14:00:00 | 26.5 | 78.3 | 2.2 | 211 | 2.4 | 959 | 2630 | 2003/1/7 | 14:00:00 | 26.8 | 93,5 | 5.2 | 217 | 4.0 | 234 |
| 2535 | 2003/1/3 | 15:00:00 | 26.8 | 86.8 | 0.2 | 41 | 1.2 | 73 | 2631 | 2003/1/7 | 15:00:00 | 27.6 | 86.5 | 0.2 | 331 | 3.5 | 40 |
| 2536 | 2003/1/3 | 16:00:00 | 25.0 | 91.0 | 1.6 | 287 | 1.0 | 111 | 2632 | 2003/177 | 16:00:00 | 25.7 | 96.3 | 28.2 | 35 | 1.6 | 78 |
| 2537 | 2003/1/3 | 17:00:00 | 25.7 | 89.1 | 0.0 | 33. | 0.7 | 132 | 2633 | 2003/1/7 | 17:00:00 | 25.6 | 96.5 | 11.2 | 68 | 0.6 | 71 |
| 2538 | 2003/1/3 | 18:00:00 | 25.1 | 89.5 | 0.0 | 158 | 0.7 | 18 | 2634 | 2003/1/7 | 18:00:00 | 25.6 | 96.5 | 0.8 | 358 | 1.1 | 44 |
| 2539 | 2003/1/3 | 19:00:00 | 24.3 | 91.9 | 0.0 | 270 | 1.1 |  | 2635 | 2003/17 | 19:00:00 | 25.0 | 96.6 | 14.8 | 78 | 1.3 |  |
| 2540 | 2003/1/3 | 20:00:00 | 23.5 | 94.5 | 0,0 | 59 | 1.0 |  | 2636 | 2003/177 | 20:00:00 | 24.2 | 96.9 | 42.6 | 224 | 2.0 |  |
| 2541 | 2003/1/3 | 21:00:00 | 22.8 | 95.3 | 0.0 | 32 | 0.5 |  | 2637 | 2003/1/7 | 21:00:00 | 24.3 | 97.0 | 4.0 | 357 | 1.6 |  |
| 2542 | 2003/1/3 | 22:00:00 | 22.5 | 96.1 | 0.0 | 74 | 0.0 | 0 | 2638 | 2003/1/7 | 22:00:00 | 24.3 | 97.1 | 0.0 | 159 | 0.5 |  |
| 2543 | 2003/1/3 | 23:00:00 | 22.0 | 96.4 | 0.0 | 28 | 0.3 |  | 2639 | 2003/1/7 | 23:00:00 | 24.4 | 97.1 | 0.2 | 247 | 0.5 |  |
| 2544 | 2003/1/4 | 00:00:00 | 21.7 | 96.7 | 0.0 | 49 | 0.8 | 0 | 2640 | 2003/1/8 | 00:00:00 | 24.4 | 97.1 | 0.0 | 83 | 0.1 | 0 |
| 2545! | 2003/1/4 | 01:00:00 | 21.5 | 97.0 | 0.2 | 360 | 0.9 | 0 | 2641 | 2003/1/8 | 01:00:00 | 24.3 | 97.1 | 0.0 | 26 | 0.4 |  |
| 2546 | 2003/1/4 | 02:00:00 | 21.3 | 97.1 | 0.01 | 96 | 0.8 | 0 | 2642 | 2003/1/8 | 02:00:00 | 24.3 | 97.1 | 0.0 | 32 | 1.0 |  |
| 2547 | 2003/1/4 | 03:00:00 | 21.1 | 97.2 | 0.0 | 44 | 0.8 | 0 | 2643 | 2003/4/8 | 03:00:00 | 24.0 | 97.2 | 0.0 | 68 | 0.6 |  |
| 2548 | 2083/1/4 | 04:00:00 | 21.0 | 97.3 | 0.0 | 44. | 0.7 | 8 | 2644 | 2003/178 | 04:00:00 | 24.1 | 97.2 | 0.0 | 306 | 0.6 |  |
| 2549 | 2003/1/4 | 05:00:00 | 20.4 | 97.4 | 0.0 | 336 | 0.9 | 0 | 2645 | 2003/1/8. | 05:00:00 | 24.2 | 97.2 | 0.0 | 35 | 0.8 | 0 |
| 2550 | 2003/1/4 | 06:00:00 | 20.3 | 97.5 | 0.0 | 30 | 0.4 | 11 | 2646 | 2003/1/8 | 06:00:00 | 24.2 | 97.2 | 0.0 | 76 | 0.3 | 4 |
| 2551 | 2003/1/4 | 07:00:00 | 20.2 | 97.5 | 0.0 | 313 | 1.2 | 61 | 2647 | 2003/1/8 | 07:00:00 | 24.5 | 97.2 | 0.6 | 328 | 0.3 | 102 |
| 2552 | 2003/1/4 | 08:00:00 | 21.3 | 96.5 | 0.0 | 85 | 1.0 | 285 | 2648 | 2003/1/8 | 08:00:00 | 25.5 | 96.9 | 0.0 | 34 | 1.0 | 289 |
| 2553 | 2003/1/4 | 09:00:00 | 26.2 | 74.6 | 0.0 | 121 | 1.6 | 674 | 2649 | 2003/1/8 | 09:00:00 | 27.3 | 93.7 | 0.0 | 353 | 1.9 | 840 |
| 2554 | 2003/1/4 | 10:00:00 | 29.6 | 55.9 | 0.0 | 47 | 1.8 | 845 | 2650 | 2003/1/8) | 10:00:00 | 29.2 | 83.8 | 0.0 | 51 | 2.0 | 605 |
| 2555 | 2003/1/4 | 11:00:00 | 29.3 | 51,0 | 0.0 | 53 | 2.7 | 316 | 2651 | 2003/1/8 | 11:00:00 | 30.1 | 76.2 | 0.01 | 99 | 3.4 | 309 |
| 2556 | 2003/1/4 | 12:00:00 | 31.5 | 40.7 | 0.0 | 31 | 3.2 | 1091 | 2652 | 2003/178 | 12:00:00 | 31.5 | 74.0 | 0.0 | 95 | 3.6 | 476 |
| 2557 | 2003/1/4 | 13:00:00 | 31.7 | 47.8 | 0.0 | 71 | 2.5 | 554 | 2653 | 2003/1/8 | 13:00:00 | 30.0 | 75.6 | 0.2 | 15 | 3.6 | 100 |
| 2558 | 2003/1/4 | 14:00:00 | 29.6 | 60.9 | 0.0 | 57 | 1.8 | 208 | 2654 | 2003/1/8 | 14:00:00 | 30.8 | 73.2 | 1.0 | 326 | 1.9 | 1086 |
| 2559 | 2003/1/4 | 15:00:00 | 29.4 | 62.9 | 0.0 | 115 | 2.4 | 334 | 2655 | 2003/1/8 | 15:00:00 | 31.5 | 66.4 | 0.0 | 76 | 2.5 | 117 |
| 2560 | 2003/1/4 | 16:00:00 | 28.6 | 58.2 | 0.0 | 147 | 5.2 | 122 | 2656 | 2003/1/8 | 16:00:00 | 30.2 | 76.0 | 0.0 | 249 | 4.9 | 406 |
| 2561 | 2003/1/4 | 17:00:00 | 27.1 | 77.4 | 0.01 | 50 | 1.1 | 45 | 2657 | 2003/1/8 | 17:00:00 | 29.3 | 70.7 | 0.0 | 258 | 5.7 | 196 |
| 2562 | 2003/1/4 | 18:00:00 | 25.7 | 83.1 | 0.0 | 95 | 0.8 | 25 | 2658 | 2003/1/8 | 18:00:00 | 28.3 | 80.7 | 0.0 | 279 | 3.4 | 63 |
| 2563 | 2003/1/4 | 19:00:00 | 24.5 | 88.8 | 0.0 | 66 | 0.6 | 6 | 2659 | 2003/1/8 | 19:00:00 | 27.6 | 84.3 | 0.0 | 303 | 2.9 |  |
| 2564 | 2003/1/4 | 20:00:00 | 23.4 | 92.8 | 0.0 | 106 | 0.4 |  | 2660 | 2003/1/8 | 20:00:00 | 26.7 | 89.7 | 0.0 | 294 | 1.0 | 0 |
| 2565 | 2003/1/4 | 21:00:00 | 22.7 | 94.9 | 0.0 | 103 | 1.0 |  | 2661 | 2003/778 | 21:00:00 | 26.0 | 93.6 | 0.0 | 112 | 0.6 | 0 |
| 2566 | 2003/1/4 | 22:00:00 | 22.1 | 95.4 | 0.0 | 54 | 0.6 | 0 | 2662 | 2003/1/8 | 22:00:00 | 25.8 | 94.1 | 0.0 | 157 | 0.7 |  |
| 2567 | 2003/1/4 | 23:00:00 | 21.9 | 96.0 | 0.0 | 37 | 0.8 | 0 | 2663 | 2003/1/B | 23:00:00 | 25.3 | 95.0 | 0.0 | 164 | 0.5 |  |
| 2568 | 2003/1/5 | 00:00:00 | 21.5 | 96.4 | 0.0 | 154 | 0.2 | 0 | 2664 | 2003/1/9 | 00:00:00 | 25.1 | 95.7 | 0.0 | 72 | 0.9 |  |
| 2569 | 2003/1/5 | 01:00:00 | 21.1 | 96.7 | 0.0 | 13 | 0.4 |  | 2665 | 2003/1/9 | 01:00:00 | 24.8 | 96.0 | 0.0 | 59 | 0.8 | 0 |
| 2570 | 2003/1/5 | 02:00:00 | 20.7 | 97.0 | 0.0 | 69 | 0.5 |  | 2666 | 2003/1/9 | 02:00:00 | 24.6 | 96.0 | 0.0 | 130 | 0.9 | 0 |
| 2571 | 200311/5 | 03:00:00 | 20.5 | 97.1 | 0.0 | 27 | 0.6 | 0 | 2667 | 2003/1/9 | 03:00:00 | 24.5 | 95.8 | 0.0 | 135 | 1.3 |  |
| 2572 | 2003/1/5 | 04:00:00 | 20.6 | 97.3 | 0.0 | 94 | 0.2 | 0 | 2668 | 2003/1/9 | 04:00:00 | 23.9 | 96.3 | 0.0 | 17 | 0.6 | 0 |
| 2573. | 2003/7/5 | 05:00:00 | 20.7 | 97.3 | 0.0 | 10 | 0.5 | 0 | 2669 | 2003/1/9 | 05:00:00 | 23.6 | 96.7 | 0.0 | 90 | 0.4 |  |
| 2574 | 2003/1/5 | 06:00:00 | 20.3 | 97.4. | 0.0 | 2 | 1.3 | 11 | 26701 | 2003/1/9 | 06:00:00 | 23.7 | 96.8 | 0.0 | 127 | 0.7 | 14 |
| 2575 | 2003/1/5 | 07:00:00 | 20.7 | 97.5 | 0.0 | 51 | 1.0 | 108 | 2671 | 2003/1/9 | 07:00:00 | 24.6 | 96.2 | 0.0 | 114 | 0.6 | 122 |
| 2576 | 2003/1/5 | 08:00:00 | 22.5 | 95.7 | 0.0 | 136 | 1.5 | 415 | 2672 | 2003/1/9 | 08:00:00 | 28.5 | 78.5 | 0.0 | 17 | 1.1 | 456 |
| 2577 | 2003/1/5 | 09:00:00 | 27.9 | 64.7 | 0.0 | 127 | 1.2 | 940 | 2673 | 2003/1/9 | 09:00:00 | 30.9 | 67.8 | 0.0 | 10 | 1.7 | 476 |
| 2578 | 2003/1/5 | 10:00:00 | 30.3 | 50.3 | 0.0 | 34 | 2.7 | 837 | 2674 | 2003/1/9 | 10:00:00 | 31.5 | 63.3 | 0.0 | 255 | 4.2 | 709 |
| 2579 | 2003/1/5 | 11:00:00 | 31.5 | 50.9 | 0.0 | 122 | 2.4 | 706 | 2675 | 2003/19 | 11:00:00 | 32.6 | 56.0 | 0.0 | 262 | 4.1 | 1002 |
| 2580 | 2003/1/5 | 12:00:00 | 30.8 | 57.4 | 0.0 | 33 | 1.7 | 291 | 2676 | 2003/1/9 | 12:00:00 | 33.5 | 45.1 | 0.0 | 256 | 3.9 | 1032 |
| 2581 | 2003/1/5 | 13:00:00 | 31.8 | 53.2 | 0.0 | 20 | 2.4 | 318 | 2677 | 2003/1/9 | 13:00:00 | 32.3 | 56.5 | 0.0 | 273 | 5.5 | 525 |
| 2582 | 2003/1/5 | 14:00:00 | 29.5 | 62.1 | 0.0 | 135 | 3.8 | 265 | 2678 | 2003/1/9 | 14:00:00 | 30.9 | 65.8 | 0.0 | 41 | 2.7 | 179 |
| 2583 | 2003/1/5 | 15:00:00 | 29.9 | 68.2 | 0.0 | 318 | 1.9 | 292 | 2679 | 2003/1/9 | 15:00:00 | 31.7 | 60.6 | 0.0 | 251 | 5.1 | 860 |
| 2584 | 2003/1/5 | 16:00:00 | 27.4 | 79.6 | 0.0 | 64 | 3.6 | 112 | 2680 | 2003/1/9, | 16:00:00 | 29.6 | 70.6 | 0.0 | 230 | 2.2 | 70 |
| 2585 | 2003/1/5 | 17:00:00 | 27.0 | 76.5 | 0.0 | 60 | 2.8 | 30 | 2681 | 2003/1/91 | 17:00:00 | 28.0 | 77.2 | 0.2 | 273 | 1.7 | 155 |
| 2586 | 2003/1/5 | 18:00:00 | 24.1 | 92.5 | 3.0 | 313 | 1.9 | 5 | 2682 | 2003/1/9 | 18:00:00 | 27.8 | 83.9 | 0.0 | 112 | 1.4 | 158 |
| 2587) | 2003/1/5 | 19:00:00 | 23.5 | 94.0 | 0.6 | 21 | 0.8 |  | 2683 | 2003/1/9 | 19:00:00 | 26.8 | 88.9 | 0.0 | 198 | 1.0 | 0 |
| 2588 | 2003/1/5 | 20:00:00 | 23.2 | 95.2 | 0.2 | 40 | 1.5 |  | 2684 | 2003/1/9 | 20:00:00 | 25.7 | 92.3 | 0.0 | 74 | 0.8 |  |
| 2589 | 2003/1/5 | 21:00:00 | 22.9 | 95.4 | 0.0 | 59 | 0.4 |  | 2885 | 2003/1/9 | 21:00:00 | 25.5 | 93.7 | 0.0 | 38 | 0.5 |  |
| 2590 | 2003/1/5 | 22:00:00 | 22.8 | 95.6 | 0.0 | 155 | 0.5 |  | 2686 | 2003/1/9 | 22:00:00 | 25.0 | 95.4 | 0.0 | 278 | 0.7 |  |
| 2591 | 2003/1/5 | 23:00:00 | 22.6 | 96.1 | 0.01 | 212 | 0.5 | 0 | 2687 | 2003/1/9 | 23:00:00 | 24.8. | 95.5) | 0.0 | 531 | 0.9 |  |

APPENDIX 3 Weather observation data in Namosi area（17）

| No． | Date | Time |  | $\begin{aligned} & \frac{2}{\overline{0}} \\ & \frac{1}{5} \\ & \hline \end{aligned}$ |  |  | ？ 劵 号 5 5 |  | No． | Date | Time |  |  |  |  | $\begin{aligned} & \text { 产 } \\ & \text { 荡 } \\ & \text { 友 } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | yryy／mm／dd | hh：mm：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | kW／m2 |  | ysyy：mm：dd | hh：mmiss | ${ }^{\circ}$ | \％ | mm | degree | m／s | kW／m2 |
| 2688 | 2003／1／10 | 00：00：00 | 24.9 | 95.5 | 0.0 | 59 | 0.5 | －0 | 2784 | 2003／1／14 | 00：00：00 | 25.2 | 91.5 | 0.6 | 21 | 2.1 | 0 |
| 2689 | 2003／1／10 | 01：00：00 | 24.7 | 95.7 | 0.0 | 140 | 0.5 | 0 | 2785 | 2003／1／14 | 01：00：00 | 26.4 | 82.2 | 1.2 | 93 | 6.1 | 0 |
| 2690 | 2003／1／10 | 02：00：00 | 24.7 | 96.1 | 0.0 | 29 | 0.4 | 0 | 2786 | 2003／1／14 | 02：00：00 | 24.8 | 92.6 | 3.0 | 59 | 3.3 |  |
| 2691 | 2003／1／10 | 03：00：00 | 24.4 | 96.2 | 0.0 | 74 | 0.7 |  | 2787 | 2003／1／14 | 03：00：00 | 25.2 | 85.6 | 3.0 | 67 | 7.9 | 0 |
| 2692 | 2003／1／10 | 04：00：00 | 24.4 | 96.1 | 0.0 | 154 | 0.5 | 0 | 2788 | $2003 / 1 / 14$ | 04：00：00 | 25.9 | 81.6 | 2.8 | 77 | 11．5 |  |
| 2693 | 2003／1／10 | 05：00：00 | 24.0 | 96.2 | 0.0 | 40 | 0.5 | 0 | 2789 | 2003／1／14 | 05：00：00 | 24.0 | 92.7 | 4.2 | 273 | 2.3 | 0 |
| 2694 | 2003／1／10 | 06：00：00 | 24.0 | 95.7 | 0.0 | － | 0.5 | 12 | 2790 | 2003／1／14 | 06：00：00 | 25.1 | 85.7 | 4.4 | 119 | 9.7 |  |
| 2695 | 2003／1／10 | 07：00：00 | 24.6 | 93.5 | 0.0 | 247 | 0.6 | 102 | 2791 | 2003／1／14 | 07：00：00 | 24.5 | 88.9 | 4.8 | 100 | 4.7 | 1 |
| 2696 | 2003／1／10 | 08：00：00 | 25.9 | 87.1 | 0.0 | 24 | 1.7 | 190 | 2792 | 2003／1／14 | 08：00：00 | 25.5 | 86.8 | 5.0 | 207 | 10.5 | 39 |
| 2697 | 2003／1／10 | 09：00：00 | 28.7 | 76.7 | 0.0 | 345 | 2.0 | 689 | 2793 | 2003／1／14 | 09：00：00 | 25.1 | 90.6 | 3.6 | 280 | 6.6 | 80 |
| 2698 | 2003／1／10 | 10：00：00 | 29.8 | 71.2 | 0.0 | 329 | 1.3 | 260 | 2794 | 2003／1／14 | 10：00：00 | 25.3 | 90.6 | 5.6 | 264 | 5.4 | 134 |
| 2699 | 2003／7／10 | 11：00：00 | 32.4 | 57.1 | 0.0 | 39 | 3.1 | 1105 | 2795 | 2003／1／14 | 11：00：00 | 25.8 | 86.7 | 1.2 | 259 | 7.2 | 274 |
| 2700 | 2003／1／10 | 12：00：00 | 30.7 | 67.1 | 0.01 | 105 | 3.3 | 262 | 2796 | 2003／1／14． | 12：00：00 | 25.0 | 93.8 | 10．8 | 280 | 9.5 | 194 |
| 2701 | 2003／1／10 | 13：00：00 | 32.3 | 55.8 | 0.0 | 105 | 5.7 | 375 | 2797 | 2003／1／14 | 13：00：00 | 27.1 | 83.1 | 0.6 | 284 | 4.6 | 252 |
| 2702 | 2003／1／10 | 14：00：00 | 29.0 | 77.3 | 0.0 | 202 | 3.4 | 228 | 2798 | 2003／1／14 | 14：00：00 | 27.3 | 82.8 | 0.4 | 280 | 7.6 | 217 |
| 2703 | 2003／1／10 | 15：00：00 | 25.5 | 92.2 | 7.0 | 117 | 4.1 | 44 | 2799 | 2003／1／14 | 15：00：00 | 26.7 | 84.0 | 0.0 | 268 | 7.4 | 305 |
| 2704 | 2003／1／10 | 16：00：00 | 25.4 | 96.2 | 11.8 | 48 | 1.4 | 37 | 2800 | 2003／1／14 | 16：00：00 | 27.1 | 81.6 | 0.0 | 259 | 5.3 | 193 |
| 2705 | 2003／1／10 | 17：00：00 | 24.7 | 96.8 | 10.6 | 167 | 1.2 | 29 | 2801 | 2003／1／14 | 17：00：00 | 26.0 | 85.9 | 1.6 | 289 | 6.3 | 144 |
| 2706 | 2003／1／10 | 18：00：00 | 24.7 | 96.9 | 5.6 | 239 | 1.8 | 24 | 28021 | 2003／1／14 | 18：00：00 | 26.7 | 83.8 | 0.0 | 269 | 3.1 | 39 |
| 2707 | 2003／1／10 | 19：00：00 | 24.7 | 96.9 | 0.2 | 235 | 0.7 | ， | 2803 | 2003／1／14 | 19：00：00 | 25.9 | 85.3 | 0.0 | 215 | 3.0 | 4 |
| 2708 | 2003／1／10 | 20：00：00 | 24.6 | 97.0 | 0.0 | 159 | 0.9 | ， | 2804 | 2003／1／14 | 20：00：00 | 24.8 | 92.9 | 0.0 | 105 | 2.2 | 0 |
| 2709 | 2003／1／10 | 24：00：00 | 24.7 | 97.0 | 0.0 | 37 | 0.8 | 0 | 2805 | 2003／1／14 | 21：00：00 | 24.4 | 95.2 | 0.0 | 307 | 1.9 | 0 |
| 2710 | 2003／1／10 | 22：00：00 | 24.5 | 97.0 | 0.0 | 17 | 0.7 | 0 | 2806 | 2003／1／14 | 22：00：00 | 24.2 | 95.6 | 0.2 | 277 | 1.4 |  |
| 2711 | 2003／1／10 | 23：00：00 | 24.2 | 97.1 | 0.0 | 44 | 0.5 | 0 | 2807 | 2003／1／14 | 23：00：00 | 24.0 | 96.0 | 0.0 | 126 | 0.6 |  |
| 2712 | 2003／1111 | 00：00：00 | 24.4 | 97.1 | 0.0 | 202 | 0.5 | 0 | 2808 | 2003／1／15 | 00：00：00 | 23.8 | 96.5 | 0.0 | 21 | 1.1 | 0 |
| 2713 | 2003／1／11 | 01：00：00 | 24.0 | 97.2 | 0.0 | 110 | 0.6 | 0 | 2809 | 2003／1／15 | 01：00：00 | 23.6 | 96.6 | 0.0 | 107 | 1.3 |  |
| 2714 | 2003／1／11 | 02：00：00 | 23.9 | 97.2 | 0.0 | 67 | 1.1 | 0 | 2810 | 2003／1／15 | 02：00：00 | 23.2 | 96.6 | 0.0 | 87 | 1.5 |  |
| 2715 | 2003／1／11 | 03：00：00 | 23.9 ： | 97.2 | 0.0 | 353 | 0.6 | 0 | 2811 | 2003／1／15 | 03：00：00 | 22.91 | 96.9 | 0.0 | 277 | 0.4 |  |
| 2716 | 2003／1／11 | 04：00：00 | 23.7 | 97.2 | 0.0 | 125 | 0.5 | 0 | 2812 | 2003／1／15 | 04：00：00 | 22.6 | 97.0 | 0.0 | 126 | 0.8 |  |
| 2717 | 2003／1／11 | 05：00：00 | 23.7 | 97.2 | 0.0 | 303 | 0.5 | 0 | 2813 | 2003／1／15 | 05：00：00 | 22.6 | 97.1 | 0.0 | 110 | 0.6 | 0 |
| 2718 | 2003／1／11 | 06：00：00 | 23.7 | 97.3 | 0.0 | 351 | 0.5 | 5 | 2814 | 2003／1／15 | 06：00：00 | 22.6 | 97.2 | 0.0 | 117 | 0.7 | 10 |
| 2719 | 2003／1／11 | 07：00：00 | 24.1 | 97.2 | 0.0 | 23 | 0.7 | 61 | 2815 | 2003／1／15 | 07：00：00 | 23.1 | 97.2 | 0.0 | 59 | ¢ 1.0 | 171 |
| 2720 | 2003／1／11 | 08：00：00 | 25.6 | 96.4 | 0.0 | 30 | 1.6 | 425 | 2816 | 2003／1／15 | 08：00：00 | 25.5 | 91.3 | 0.0 | 271 | 1.2 | 459 |
| 2721 | 2003／1／11 | 09：00：00 | 28.1 | 86.8 | 0.0 | 50 | 1.5 | 718 | 2847 | 2003／1／15 | 09：00：00 | 29.8 | 70.1 | 0.0 | 103 | 1.5 | 671 |
| 2722 | 2003／1／11 | 10：00：00 | 30.3 | 76.0 | 0.0 | 352 | 2.6 | 489 | 2818 | 2003／1／15 | 10：00：00 | 31.4 | 65.9 | 0.0 | 43 | 2.4 | 821 |
| 2723 | 2003／1／11 | 11：00：00 | 30.7 | 68.7 | 0.0 | 62 | 2.5 | 200 | 2819 | 2003／1／15 | 11：00：00 | 32.2 | 61.3 | 0.0 | 337 | 3.8 | 439 |
| 2724 | 2003／1／11 | 12：00：00 | 31.4 | 67.4 | 0.0 | 93 | 3.8 | 999 | 2820 | 2003／1／15 | 12：00：00 | 32.1 | 61.6 | 0.0 | 278 | 2.4 | 653 |
| 2725 | 2003／1／19 | 13：00：00 | 28.1 | 82.4 | 0.0 | 76 | 5.4 | 47 | 2821 | 2003／1／15 | 13：00：00 | 32.7 | 65.7 | 0.0 | 86 | 1.5 | 367 |
| 2726 | 2003／1／11 | 14：00：00 | 26.5 | 85.0 | 3.2 | 250 | 7.4 | 179 | 2822 | 2003／1／15 | 14：00：00 | 31.9 | 65.6 | 0.0 | 84 | 4.2 | 1130 |
| 2727 | 2003／1／11 | 15：00：00 | 25.5 | 89.8 | 0.6 | 322 | 3.8 | 48 | 2823 | 2003／1／15 | 15：00：00 | 31.1 | 69.5 | 0.0 | 300 | 1.2 | 1037 |
| 2726！ | 2003／1／11 | 16：00：00 | 25.1 | 95.6 | 6.6 | 191 | 0.9 | 91 | 2824 | 2003／1／15 | 16：00：00 | 30.3 | 71.2 | 0.2 | 42 | 1.4 | 171 |
| 2729 | 2003／1／11 | 17：00：00 | 26.3 | 92.5 | 0.0 | 18 | 1.0 | 169 | 2825 | 2003／1／15 | 17：00：00 | 28.6 | 78.4 | 0.2 | 61 | 3.3 | 100 |
| 2730 | 2003／1／11 | 18：00：00 | 26.6 | 92.9 | 0.01 | 246 | 1.1 | 73 | 2826 | 2003／1／15 | 18：00：00 | 27.0. | 91.4 | 1.2 | 57 | 0.8 | 59 |
| 2731 | 2003／1／11 | 19：00：00 | 26.2 | 94.9 | 0.01 | 56. | 0.8 | 3 | 2827 | 2003／1／15 | 19：00：00 | 26.1 | 92.8 | 0.0 | 223 | 0.9 | 0 |
| 2732 | 2003／1／11 | 20：00：00 | 25.9 | 95．91 | 0.2 | 33 | 0.6 |  | 2828 | 2003／1／15 | 20：00：00 | 25.1 | 94.9 | 0.0 | 64 | 0.8 |  |
| 2733 | 2003／1／91 | 21：00：00 | 25.4 | 95.9 | $0.8)$ | 73 | 8.1 | 0 | 2829 | 2003／1／15 | 21：00：00 | 24.5 | 95.4 | 0.0 | 359 | 0.9 |  |
| 2734 | 2003／1／11 | 22：00：00 | 25.0 | 95.5 | 0.01 | 80 | 0.8 | 0 | 2830 | 2003／1／15 | 22：00：00 | 24.1 | 96.2 | 0.0 | 90 | 0.5 | － |
| 2735 | 2003／1／51 | 23：00：00 | 24.8 | 96.4 | 0.0 | 89 | 4.9 | c | 2831 | 2003／1／15 | 23：00：00 | 24.0 | 96.5 | 0.0 | 321 | 0.8 |  |
| 2736 | 2003／1／12 | 00：00：00 | 24.5 | 96.4 | 0.2 | 73 | 1.0 | 0 | 2832 | 2003／1／16 | 00：00：00 | 23.8 | 96.7 | 0.0 | 340 | 0.5 |  |
| 2737 | 2003／1／12 | 01：00：00 | 24.3 | 96.6 | 0.0 | 120 | 0.8 ． | 0 | 2833 | 2003／1／16 | 01：00：00 | 23.6 | 96.5 | 0.0 |  | 0.7 |  |
| 2738 | 2003／1／12 | 02：00：00 | 24.2 | 96.8 | 0.0 | 63 | 0.5 | 0 | 2834 | 2003／1／16 | 02：00：00 | 23.6 | 96.2 | 0.0 | 51 | 0.9 | －0 |
| 2739 | 2003／1／12 | 03：00：00 | 24.1 | 96.9 | 0.0 | 133 | 1.1 | 0 | 2835 | 2003／1／16 | 03：00：00 | 23.6 | 96.2 | 0.4 | 338 | 0.7 |  |
| 2740 | 2003／1／12 | 04：00：00 | 24.1 | 97.0 | 0.0 | 28 | 1.1 | 0 | 2836 | 2003／1／16 | 04：00：00 | 23.6 | 96.5 | 2.4 | 110 | 1.0 | － 0 |
| 2741 | 2003／1／12 | 05：00：00 | 24.0 | 97.0 | 0.0 | 329 | 0.5 | 0 | 2837 | 2003／1／76 | 05：00：00 | 23.6 | 96.3 | 0.6 | 63 | 0.8 |  |
| 2742 | 2003／1／12 | 06：00：00 | 23.7 | 97.0 | 0.0 | 2 | 1.1 | 9 | 2838 | 2003／1／16 | 06：00：00 | 23.8 | 96.3 | 0.4 | 249 | 1.4 |  |
| 2743 | 200311／12 | 07：00：00 | 24.2 | 97.0 | 0.0 | 57 | 0.8 | 87 | 2839 | 2003／1／16 | 07：00：00 | 25.3 | 91.0 | 0.0 | 96 | 3.9 | 81 |
| 2744 | 2003／1／12 | 08：00：00 | 25.6 | 95.4 | 0.0 | 91 | 1.0 | 210 | 2840 | 2003／1／16 | 08：00：00 | 27.2 | 79.7 | 0.0 | 101 | 3.5 | 154 |
| 2745 | 2003／1／12 | 09：00：00 | 28.0 | 85.3 | 0.0 | 76 | 2.4 | 419 | 2841 | 2003／1／16 | 09：00：00 | 27.4 | 86.2 | 0.0 | 99 | 1.6 | 60 |
| 2746 | 2003／1／12 | 10：00：00 | 30.1 | 66.4 | 0.0 | 28 | 2.2 | 324 | 2842 | 2003／1／16 | 10：00：00 | 27.4 | 88.2 | 1.0 | 20 | 1.1 | 382 |
| 2747 | 2003／1／12 | 11：00：00 | 31.0 | 62.8 | 0.0 | 86 | 2.1 | 795 | 2843 | 2003／1／16 | 11：00：00 | 28.1 | 85.4 | 0.2 | 36 | 2.7 | 231 |
| 2748 | 2003／1／12 | 12：00：00 | 31.4 | 60.0 | 0.0 | 73 | 1.9 | 593 | 2844 | 2003／1／16 | 12：00：00 | 30.9 | 75.4 | 0.0 | 34 | 2.5 | 1103 |
| 2749 | 2003／1／12 | 13：00：00 | 31.7 | 57.4. | 0.0 | 50 | 2.2 | 523 | 2845 | 2003／1／16 | 13：00：00 | 33.1 | 68.7 | 0.0 | 81 | 2.8 | 1236 |
| 2750 | 2003／1／12 | 14：00：00 | 32.4 | 55.6 | 0.0 | 55 | 4.3 | 976 | 2846 | 2003／1／16 | 14：00：00 | 32.3 | 60.3 | 0.0 | 230 | 2.9 | 252 |
| 2751 | 2003／1／12 | 15：00：00 | 32.4 | 57．31 | 0.0 | 69 | 6.5 | 902 | 2847 | 2003／1／16 | 15：00：00 | 31.2 | 68.5 | 0.0 | 206 | 1.8 | 197 |
| 2752 | 2003／1／12 | 16：00：00 | 31.2 | 63.2 | 0.01 | 88 | 6.4 | 514 | 2848 | 2003／1／16 | 16：00：00 | 32.2 | 63.2 | 0.0 | 222 | 1.6 | 251 |
| 2753 | 2003／1／12 | 17：00：00 | 29.5 | 70.2 | 0.0 | 75 | 4.8 | 116 | 2849 | $2003 / 1 / 16$ | 17：00：00 | 30.2 | 69.5 | 0.0 | 259 | 3.2 | 80 |
| 2754 | 2003／1／12 | 18：00：00 | 27.0 | 83.5 | 0.2 | 110 | 5.9 | 64 | 2850 | 2003／1／16 | 18：00：00 | 29.1 | 76.4 | 0.0 | 259 | 2.0 | 34 |
| 2755 | 2003／1／12 | 19：00：00 | 25.5 | 88.8 | 0.0 | 69 | 1.5 |  | 2851 | 2003／1／16 | 19：00：00 | 26.0 | 90.5 | 0.0 | 143 | 1.9 | － 1 |
| 2756 | 2003／1／12 | 20：00：00 | 24.6 | 94.2 | 0.0 | 103 | 1.1 | 0 | 2852 | 2003／1／16 | 20：00：00 | 25.5 | 93.3 | 0.0 | 358 | 1.1 | － 0 |
| 2757 | 2003／1／12 | 21：00：00 | 24.1 | 95.3 | 0.0 | 127 | 0.7 | 0 | 2853 | 2003／1／16 | 21：00：00 | 25.2 | 95.0 | 0.01 | 275 | 1.1 | －－0 |
| 2758 | 2003／1／12 | 22：00：00 | 23.9 | 96.0 | 0.0 | 113 | 1.0 | 0 | 2854 | 2003／1／16 | 22：00：00 | 25.0 | 95.3 | 0.01 | 2 | 1.4 | － 0 |
| 2759 | 2003／1／12 | 23：00：00 | 23.7 | 96.4 | 0.0 | 136 | 0，8 |  | 2855 | 2003／1／16 | 23：00：00 | 24.6 | 95.7 | 0.0 | 287 | 0.4 | 0 |
| 2760 | 2003／1／13 | 0：00：00 | 23.4 | 96.6 | 0.0 | 104 | 0.8 | 0 | 2856 | 2003／1／17 | 00：00：00 | 24.5 | 95．9 | 0.0 | 226 | 1.0 | 0 |
| 2761 | 2003／1／13 | 01：00：00 | 23.5 | 96.6 | 0.0 | 104 | 0.8 | 0 | 2857 | 2003／1／17 | 01：00：00 | 24.2 | 96.4 | 0.0 | 127 | 1.2 | $-0$ |
| 2762 | 2003／1／13 | 02：00：00 | 23.3 | 96.7 | 0.0 | 74 | 0.5 | 0 | 2858 | 2003／1／17 | 02：00：00 | 24.01 | 96.5 | 0.0 | 117 | 0.5 | 0 |
| 2763 | 2003／1／13 | 03：00：00 | 23.3 | 96.8 | 0.0 | 339 | 0.8 | 0 | 2859， | 2003／1／17 | 03：00：00 | 24.1 | 96.6 | 0.0 | 51 | 0.9 | 0 |
| 2764 | 2003／1／13 | 04：00：00 | 23.1 | 96.9 | 0.0 | 32 | 0.3 | 0 | 2860 | 2003／1／17 | 04：00：00 | 24.1 | 96.5 | 0.0 | 50 | 1.3 | 0 |
| 2765 | 2003／1／13 | 05：00：00 | 23.2 | 97.0 | 0.0 | 119 | 0.6 | 0 | 2881 | 2003／1／17 | 05：00：00 | 23.9 | 96.6 | 0.0 | 158 | 0.5 | 0 |
| 2766 | 2003／1／13 | 06：00：00 | 23.1 | 97．1 | 0.0 | 183 | 0.2 | 5 | 2862 | 2003／1／17 | 06：00：00 | 24.2 | 96.5 | 0.2 | 245 | 1.2 | 4 |
| 2767 | 2003／1／43 | 07：00：00 | 23.7 | 96．9 | 0.0 | 22 | 0.8 | 63 | 2863 | 2003／1／17 | 07：00：00 | 24.9 | 95.3 | 0.2 | 61 | 0.9 | 111 |
| 2768 | 2003／1／13 | 08：00：00 | 24.3 | 96．2 | 0.0 | 64 | 1.1 | 20 | 2864 | 2003／1／17 | 08：00：00 | 26.3 | 90.6 | 0.0 | 31 | 0.5 | 217 |
| 2769 | 2003／1／13 | 09：00：00 | 24.4 | 95.9 | 0.0 | 55 | 0.7 | 25 | 2865 | 2003／1／17 | 09：00：00 | 28.0 | 81.7 | 0.0 | 14 | 1.0 | 342 |
| 2770 | 2003／1／13 | 10：00：00 | 24.8 | 95.7 | 0.0 | 69） | 0.5 | 23 | 2866 | 2003／1／17 | 10：00：00 | 31.9 | 65.4 | 0.0 | 243 | 2.4 | 867 |
| 2771 | 2003／1／13 | 11：00：00 | 24.0 | 94.2 | 3.6 | 81 | 2.0 | 33 | 2867 | 2003／1／17 | 11：00：00 | 30.0 | 70.2 | 0.0 | 252 | 3.5 | 405 |
| 2772 | 2003／1／13 | 12：00：00 | 24.1 | 94.5 | 2.0 | 145 | 1.1 | 112 | 2868 | 2003／1／17 | 12：00：00 | 31.0 | 60.4 | 0.0 | 278 | 2.8 | 534 |
| 2773 | 2003／1／13 | 13：00：00 | 26.1 | 86.1 | 0.0 | 56 | 1.8 | 449 | 2869 | 2003／1／17 | 13：00：00 | 31.9 | 57.8 | 0.0 | 296 | 3.2 | 588 |
| 2774 | 2003／1／13 | 14：00：00 | 27.5 | 83.5 | 0.0 | 38 | 1.3 | 258 | 2870 | 2003／1／17 | 14：00：00 | 26.3 | 97.4 | 3.2 | 246 | 4.2 | 117 |
| 2775 | 2003／1／13 | 15：00：00 | 27.1 | 85.5 | 0.0 | 357 | 3.5 | 79 | 2871 | 2003／1／17 | 15：00：00 | 27.9 | 86.4 | 1.8 | 72 | 4.5 | 434 |
| 2776 | 2003／1／13 | 16：00：00 | 25.4 | 93.8 | 4.6 | 343 | 3.0 | 64 | 2872 | 2003／1／17 | 16：00：00 | 27.9 | 89.3 | 0.4 | 22 | 4.7 | 188 |
| 2777 | 2003／1／13 | 17：00：00 | 25.4 | 94.2 | 1.0 | 16 | 0.9 | 28 | 2873 | 2003／1／17 | 17：00：00 | 27.3 | 92.6 | 3.6 | 72 | 1.8 | 599 |
| 2778 | 2003／1／13 | 18：00：00 | 25.0 | 95.2 | 1.4 | 57 | 1．8！ | 15 | 2874 | 2003／1／17 | 18：00：00 | 27.3 | 89.6 | 0.0 | 55 | 1.3 | 142 |
| 2779． | 2003／1／13 | 19：00：00 | 25.2 | 93.3 | 1.2 | 203 | 2.1 | － 0 | 2875 | 2003／1／17 | 19：00：00 | 26.2 | 91.4 | 0.0 | 100 | 1.8 | 9 |
| 2780 | 2003／1／13 | 20：00：00 | 24.9 | 95．1 | 0.0 | 85 | 1.2 | 0 | 2876 | 2003／1／17 | 20：00：00 | 25.3 | 93，1 | 0.0 | 93 | 1.3 | 0 |
| 2781 | 2003／1／43 | 21：00：00 | 24.7 | 95.4 | 0.4 | 314 | 2.3 | 0 | 2877 | 2003／1／17 | 21：00：00 | 24.8 | 94．91 | 0.0 | 190 | 0.2 | 0 |
| 2782 <br> 2783 | 2003／1／13 | 22：00：00 | 24.7 | 94．9 | 1.2 | 64 95 | 1.1 | － 0 | 2878 | $\frac{2003 / 1 / 17}{2003 / 1 / 17}$ | 22：00：00 | 24．4 24.0 | 95.1 | 0.01 | 82 | 0.4 0.6 | 0 |

APPENDIX 3 Weather observation data in Namosi area（18）

| No． | Date | Time |  | $\begin{aligned} & \frac{\lambda}{\bar{訁}} \\ & \frac{\square}{E} \\ & \frac{1}{1} \end{aligned}$ |  |  | $\begin{aligned} & \text { 虽 } \\ & \text { 合 } \\ & \text { D } \\ & 5 \\ & \hline \end{aligned}$ |  | No． | Date | Yime |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ymimmidd | nh：munt：ss | ${ }^{\circ}$ | \％ | mm | degree | mis | kW／m2 |  | ypy：mm：d | hh：mm：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | kW／m2 |
| 2880 | 2003／1／18 | 00：00：00 | 23.8 | 96.4 | 0.0 | 115 | 1.0 | 0 | 2976 | 2003／1／22 | 00：00：00 | 23.8 | 96.2 | 0.0 | 160 | 0.5 |  |
| 2881 | 2003／1／18 | 01：00：00 | 23.4 | 96.6 | 0.0 | 60 | 0.5 | 0 | 2977 | 2003／1／22 | 01：00：00 | 23.6 | 96.6 | 0.0 | 104 | 0.4 |  |
| 2882 | 2003／1／18 | 02：00：00 | 23.2 | 96.8 | 0.0 | 81 | 0.6 | 0 | 2978 | 2003／1／22 | 02：00：00 | 23.7 | 96.7 | 0.0 | 165 | 0.6 | 0 |
| 2883 | 2003／1／18 | 03：00：00 | 23.2 | 96.9 | 0.0 | 214 | 0.5 | 0 | 2979 | 2003／1／22 | 03：00：00 | 23.9 | 96.8 | 0.6 | 82 | 1.0 |  |
| 2884 | 2003／1／18 | 04：00：00 | 23.3 | 97.0 | 0.0 | 49 | 0.1 | 0 | 2980 | 2003／1／22 | 04：00：00 | 23.6 | 96．8 | 0.0 | 23 | 0.7 |  |
| 2885 | 2003／1／18 | 05：00：00 | 23.2 | 96.9 | 0.0 | 50 | 0.3 | 0 | 2981 | 2003／1／22 | 05：00：00 | 23.6 | 96.9 | 0.0 | 198 | 0.9 | 0 |
| 2886 | 2003／1／18 | 06：00：00 | 23.3 | 97.0 | 0.0 | 74 | 0.51 |  | 2982 | 2003／1／22 | 06：00：00 | 23.3 | 96.9 | 0.0 | 87 | 0.5 | 6 |
| 2887 | 2003／1／18 | 07：00：00 | 23.5 | 96.8 | 0.0 | 20 | 1.1 | 62 | 2983 | 2003／1／22 | 07：00：00 | 24.0 | 96.9 | 0.0 | 87 | 0.8 | 85 |
| 2888 | 2003／1／78 | 08：00：00 | 24.6 | 94.6 | 0.0 | 5 | 1.1 | 365 | 2984 | 2003／1／22 | 08：00：00 | 25，4 | 95.5 | 0.0 | 95 | 0.6 | 204 |
| 2889 | 2003／1／48 | 09：00：00 | 28.8 | 72.5 | 0.0 | 12 | 2.3 | 684 | 2985 | 2003／1／22 | 09：00：00 | 27.9 | 80.7 | 0.0 | 32 | 1.4 | 290 |
| 2890 | 2003／1／18 | 10：00：00 | 30.3 | 61.1 | 0.0 | 279 | 2.2 | 842 | 2986 | 2003／1／22 | 10：00：00 | 29.3 | 69.8 | 0.0 | 54 | 2.8 | 496 |
| 2891 | 2003／1／4 8 | 11：00：00 | 31.4 | 60.9 | 0.0 | 272 | 3.1 | 990 | 2987 | 2003／1／22 | 11：00：00 | 28.8 | 72.5 | 0.0 | 67 | 3.2 | 415 |
| 2892 | 2003／1／18 | 12：00：00 | 30.01 | 68.6 | 0.0 | 124 | 4.9 | 373 | 2988 | 2003／1／22 | 12：00：00 | 30.2 | 70.1 | 0.0 | 108 | 4.0 | 1043 |
| 2893 | 2003／1／18 | 13：00：00 | 29.4 | 70.9 | 0.0 | 88 | 3.5 | 508 | 2989 | 2003／1／22 | 13：00：00 | 30.7 | 70.5 | 0.0 | 64 | 5.2 | 1066 |
| 2894 | 2003／1／18 | 14：00：00 | 29.1 | 70.4 | 0.0 | 116 | 3.9 | 151 | 2990 | 2003／1／22 | 14：00：00 | 30.6 | 64.2 | 0.0 | 87 | 3.3 | 366 |
| 2895 | 2003／1／18 | 15：00：00 | 28.4 | 73.31 | 0.0 | 96 | 2.6 | 129 | 2991 | 2003／1／22 | 15：00：00 | 29.9 | 67.4 | 0.0 | 78 | 5.3 | 398 |
| 2896 | 2003／1／18 | 16：00：00 | 27.2 | 77.8 | 0.0 | 320 | 2.1 | 88 | 2992 | 2003／1／22 | 16：00：00 | 30.8 | 65.1 | 0.0 | 73 | 4.2 | 787 |
| 2897 | 2003／1／18 | 17：00：00 | 26.5 | 81.3 | 0.01 | 323 | 1.4 | 48 | 2993 | 2003／1／22 | 17：00：00 | 27.0 | 82.2 | 0.0 | 79. | 0.8 | 135 |
| 2898 | 2003／1／18 | 18：00：00 | 25.8 | 86.9 | 0.0 | 85 | 1.1 | 17 | 2994 | 2003／1／22 | 18：00：00 | 26.0 | 89.4 | 1.6 | 75 | 1.2 | 66 |
| 2899 | 2003／1／18 | 19：00：00 | 24.3 | 93.3 | 0.2 | 90 | 0.5 | 0 | 2995 | 2003／1／22 | 19：00：00 | 25.3 | 94.4 | 0.0 | 73 | 1.9 | 0 |
| 2900 | 2003／1／18 | 20：00：00 | 24.0 | 95.1 | 0.2 | 95 | 0.6 | 0 | 2996 | 2003／1／22 | 20：00：00 | 24.9 | 90.3 | 0.4 | 99 | 3.1 |  |
| 2901 | 2003／1／18 | 21：00：00 | 24.0 | 95.6 | 0.0 | 33 | 0.6 | 0 | 2997 | 20031／122 | 21：00：00 | 24.3 | 94.8 | 0.0 | 312 | 0.8 | 0 |
| 2902 | 2003／1／18 | 22：00：00 | 24.1 | 95.8 | 0.2 | 105 | 0.7 | 0 | 2998 | 2003／1／22 | 22：00：00 | 24.3 | 95.1 | 0.0 | 126 | 0.7 | 0 |
| 2903 | 2003／1／18 | 23：00：00 | 24.1 | 95.9 | 0.0 | 70 | 0.7 | 0 | 2999 | 2003／1／22 | 23：00：00 | 24.4 | 95．6 | 0.0 | 67 | 0.8 | 0 |
| 2904 | 2003／1／19 | 00：00：00 | 23.8 | 95.7 | 0.8 | 113 | 0.6 | 0 | 3000 | 2003／1／23 | 00：00：00 | 24.2 | 95.8 | 0.0 | 75 | 0.3 | 0 |
| 2905 | 2003／1／19 | 01：00：00 | 23.5 | 95.9 | 0.0 | 72 | 0.5 | 0 | 3001 | 2003／1／23． | 01：00：00 | 24.2 | 95.9 | 0.2 | 8 | 1.0 |  |
| 2906 | 2003／1／19 | 02：00：00 | 23.5 | 96.3 | 0.0 | 43 | 0.3 | 0 | 3002 | 2003／1／23 | 02：00：00 | 24.2 | 94.9 | 0.2 | 325 | 1.9 |  |
| 2907 | 2003／1／19 | 03：00：00 | 23.6 | 96.3 | 0.0 | 23 | 0.4 | 0 | 3003 | 2003／1／23 | 03：00：00 | 23.9 | 96.0 | 0.0 | 113 | 0.5 | 0 |
| 2908 | 2003／1／19 | 04：00：00 | 23.3 | 96.2 | 0.0 | 263 | 0.5 | 0 | 3004 | 2003／1／23 | 04：00：00 | 23.9 | 96.3 | 0.0 | 26 | 0.5 | 0 |
| 2909 | 20031119 | 05：00：00 | 23.1 | 96.4 | 0.0 | 329 | 0.4 | 0 | 3005 | 2003／1／23 | 05：00：00 | 24.0 | 96.3 | 0.0 | 47 | 0.8 | 0 |
| 2910 | 2003／1／19 | 06：00：00 | 23.1 | 96.7 | 0.0 | 6 | 0.4 | 10 | 3006 | 2003／1／23 | 06：00：00 | 23.9 | 96.4 | 0.0 | 115 | 0.6 | 16 |
| 2911 | 2003／1／19 | 07：00：00 | 23.7 | 95.7 | 0.0 | 14. | 0.5 | 84 | 3007 | 2003／1／23 | 07：00：00 | 24.2 | 95.7 | 0.0 | 88 | 0.6 | 53 |
| 2912 | 2003／1／19 | 08：00：00 | 26.1 | 81.8 | 0.0 | 232 | 1.0 | 294 | 3008 | 2003／1／23 | 08：00：00 | 26.0 | 90.2 | 0.2 | 98 | 0.9 | 394 |
| 2913 | 2003／1／19 | 09：00：00 | 28.0 | 76.4 | 0.0 | 48 | 1.4 | 349 | 3009 | 2003／1／23 | 09：00：00 | 29.5 | 73.0 | 0.0 | 14 | 2.4 | 760 |
| 2914 | 2003／1／19 | 10：00：00 | 27.6 | 74.0 | 0.0 | 245 | 1.3 | 145 | 3010 | 2003／1／23 | 10：00：00 | 28.5 | 75.3 | 0.0 | 103 | 3.4 | 451 |
| 2915 | 2003／1／49 | 11：00：00 | 28.3 | 72.9 | 0.2 | 319 | 3.0 | 699 | 3014 | 2003／1／23 | 11：00：00 | 29.9 | 74.6 | 0.0 | 87 | 2.5 | 430 |
| 2916 | 2003／1／19 | 12：00：00 | 29.1 | 75.3 | 0.0 | 71 | 4.3 | 524 | 3012 | 2003／1／23 | 12：00：00 | 23.9 | 95.7 | 19.2 | 71 | 8.0 | 23 |
| 2917 | 2003／4／19 | 13：00：00 | 26.2 | 84.1 | 0.0 | 40 | 4.1 | 336 | 3013 | 2003／1／23 | 13：00：00 | 23.2 | 97.0 | 21.4 | 325 | 1.3 | 33 |
| 2918 | 2003／1／19 | 14：00：00 | 28.5 | 74.7 | 0.0 | 36 | 2.7 | 469 | 3014 | 2003／1／23 | 14：00：00 | 23.5 | 97.0 | 2.4 | 56 | 0.6 | 88 |
| 2919 | 2003／1／19 | 15：00：00 | 28.9. | 71.1 | 0.0 | 68 | 3.7 | 314 | 3015 | 2003／1／23 | 15：00：00 | 24.0 | 97．0 | 1.2 | 84 | 0.9 | 120 |
| 2920 | 2003／1／19 | 16：00：00 | 29.2 | 73.5 | 0.0 | 83 | 3.6 | 321 | 3016 | 2003／1／23 | 16：00：00 | 24.2 | 96.7 | 1.2 | 59 | 1.2 | 63 |
| 2924 | 2003／1／19 | 17：00：00 | 27.5 | 81.0 | 0.01 | 163 | 3.0 | 69 | 3017 | 2003／1／23 | 17：00：00 | 24.1 | 96.8 | 0.4 | 52 | 1.3 | 37 |
| 2922 | 2003／1／19 | 18：00：00 | 27.0 | 85.9 | 0.0 | 80 | 0.7 | 99 | 3018 | 2003／1／23 | 18：00：00 | 24.0 | 96.9 | 6.4 | 51 | 2.1 | 4 |
| 2923 | 2003／1／19 | 19：00：00 | 26.0 | 89.0 | 0.0 | 161 | 0.8 | 2 | 3019 | 2003／1／23 | 19：00：00 | 23.7 | 97.1 | 10.0 | 99 | 0.7 |  |
| 2924 | 2003／1／19 | 20：00：00 | 25.1 | 93.7 | 0.0 | 40 | 0.8 | 0 | 3020 | 2003／1／23 | 20：00：00 | 23.8 | 97.1 | 0.0 | 114 | 0.8 |  |
| 2925 | 2003／1／19 | 21：00：00 | 25.0 | 94.7 | 0.0 | 94. | 0.4 | 0 | 3021 | 2003／1／23 | 21：00：00 | 23.9 | 97.2 | 0.0 | 107 | 0.8 | 0 |
| 2926 | 2003／1／19 | 22：00：00 | 25.1 | 94.4 | 0.0 | 316 | 1.0 | 0 | 3022 | 2003／1／23 | 22：00：00 | 23.9 | 97.2 | 0.0 | 77 | 0.8 | 0 |
| 2927 | 2003／1／19 | 23：00：00 | 24.8 | 94.3 | 0.0 | 70 | 0.6 | 0 | 3023 | 2003／1／23 | 23：00：00 | 23.9 | 97.2 | 0.2 | 306 | 0.5 |  |
| 2928 | 2003／1／20 | 00：00：00 | 24.6 | 94.2 | 0.0 | 83 | 0.7 | 0 | 3024. | 2003／1／24 | 00：00：00 | 23.8 | 97.2 | 0.0 | 124 | 0.8 |  |
| 2929 | 2003／1／20 | 01：00：00 | 24.6 | 94.9 | 0.0 | 28 | 0.5 | 0 | 3025 | 2003／1／24 | 01：00：00 | 23.7 | 97.3 | 0.2 | 91 | 0.7 | 0 |
| 2930 | 2003／1／20 | 02：00：00 | 24.6 | 95.5 | 0.0 | 30 | 0.4 | 0 | 3026 | 2003／1／24 | 02：00：00 | 23.7 | 97.3 | 0.0 | 88 | 0.6 | 0 |
| 2931 | 2003／1／20 | 03：00：00 | 24.4 | 95.9 | 0.0 | 151 | 0.4 | 0 | 3027 | 2003／1／24 | 03：00：00 | 23.6 | 97.3 | 0.0 | 82 | 0.7 | 0 |
| 2932 | 2003／1／20 | 04：00：00 | 24.3 | 96.01 | 0.0 | 337 | 0.5 | 0 | 3028 | 2003／1／24 | 04：00：00 | 23.7 | 37.3 | 0.0 | 62 | 1.0 |  |
| 2933 | 2003／1／20 | 05：00：00 | 24.3 | 96.1 | 0.0 | 221 | 0.5 | 0 | 3029 | 2003／1／24 | 05：00：00 | 23.6 | 97.4 | 0.0 | 132 | 0.8 | 0 |
| 2934 | 2003／1／20 | 06：00：00 | 24.4 | 96.1 | 0.0 | 94. | 0.6 |  | 3030 | 2003／1／24 | 06：00：00 | 23.7 | 97.4 | 0.6 | 116 | 0.7 | 14 |
| 2935 | 2003／1／20 | 07：00：00 | 24.6 | 95.3 | 0.0 | 135 | 0.9 | 24 | 3031 | 2003／1／24 | 07：00：00 | 24.3 | 97.4 | 0.0 | 60 | 0.8 | 79 |
| 2936 | 2003／1／20 | 08：00：00 | 25.7 | 90.5 | 0.0 | 45 | 0.5 | 167 | 3032 | 2003／1／24 | 08：00：00 | 25.3 | 97.0 | 0.0 | 56 | 2.2 | 218 |
| 2937 | 2003／1／20 | 09：00：00 | 26.9 | 86.9 | 0.0 | 27 | 1.7 | 302 | 3033 | 2003／1／24 | 09：00：00 | 26.7 | 94.2 | 0.0 | 44 | 2.9 | 416 |
| 2938 | 2003／1／20 | 10：00：00 | 28.3 | 79.7 | 0.0 | 40 | 1.9 | 352 | 3034 | 2003／1／24 | 10：00：00 | 27.4 | 88.6 | 0.0 | 111 | 3.4 | 404 |
| 2939 | 2003／1／20 | 11：00：00 | 27.1 | 89.0 | 0.6 | 58 | 2.7 | 122 | 3035 | 2003／1／24 | 11：00：00 | 29.0 | 78.3 | 0.0 | 85 | 3.7 | 452 |
| 2940 | 2003／1／20 | 12：00：00 | 28.1 | 83.0 | 1.0 | 85 | 1.8 | 361 | 3036 | 2003／1／24 | 12：00：00 | 29.4 | 75.6 | 0.0 | 104 | 3.3 | 441 |
| 2941 | 2003／1／20 | 13：00：00 | 26.9 | 91．3 | 1.4 | 317 | 0.7 | 136 | 3037 | 2003／1／24 | 13：00：00 | 30.1 | 69.8 | 0.0 | 47. | 4.1 | 529 |
| 2942 | 2003／1／20 | 14：00：00 | 27.7 | 86.9 | 0.0 | 16 | 1.2 | 231 | 3038 | 2003／1／24 | 14：00：00 | 29.4 | 76.0 | 0.0 | 330 | 3.2 | 204 |
| 2943 | 2003／1／20 | 15：00：00 | 25.0 | 95.1 | 18.4 | 237 | 5.8 | 7 | 3039 | 2003／1／24 | 15：00：00 | 29.5 | 81.3 | 1.0 | 49 | 2.2 | 323 |
| 2944 | 2003／1／20． | 16：00：00 | 24.5 | 96.5 | 7.0 | 80 | 2.0 | 6 | 3040 | 2003／1／24 | 16：00：00 | 27.5 | 86.2 | 0.8 | 158 | 1.2 | 232 |
| 2945 | 2003／1／20 | 17：00：00 | 23.8 | 96.4 | 12.4 | 116 | 3.3 | 6 | 3041 | 2003／1／24 | 17：00：00 | 27.5 | 86.8 | 0.0 | 116 | 1.1 | 95 |
| 2946 | 2003／1／20 | 18：00：00 | 23.5 | 96.9 | 3.4 | 50 | 1.4 | 6 | 3042 | 2003／1／24 | 18：00：00 | 24.8 | 94．8 | 3.8 | 86 | 2.1 | 12 |
| 2947 | 2003／1／20 | 19：00：00 | 23.6 | 97.0 | 0.4 | 159. | 0.9 | 0 | 3043 | 2003／1／24 | 19：00：00 | 25.0 | 96.2 | 0.8 | 329 | 0.8 | 0 |
| 2948 | 2003／1／20 | 20：00：00 | 23.6 | 97．1 | 0.0 | 54 | 0.8 | 0 | 3044 | 2003／1／24 | 20：00：00 | 24.6 | 96.5 | 0.6 | 43 | 0.6 |  |
| 2949 | 2003／1／20 | 21：00：00 | 23.5 | 97.1 | 0.0 | 54 | 0.9 | 0 | 3045 | 2003／1／24 | 21：00：00 | 24.7 | 96.6 | 0.0 | 76. | 0.6 | 0 |
| 2950 | 2003／4／20 | 22：00：00 | 23.5 | 97.1 | 0.0 | 110 | 0.5 | 0 | 3046 | 2003／1／24 | 22：00：00 | 24.8 | 96.6 | 0.0 |  | 0.8 | 0 |
| 2951 | 2003／1／20 | 23：00：00 | 23.6 | 97.1 | 0.0 | 98 | 1.1 | 0 | 3047 | 2003／1／24 | 23：00：00 | 24.6 | 96.8 | 0.0 | 293 | 0.4 | 0 |
| 2952 | 2003／1／21 | 00：00：00 | 23.7 | 97.1 | 0.0 | 102 | 0.7 | 0 | 3048 | 2003／1／25 | 00：00：00 | 24.5 | 96.9 | 0.0 | 276 | 0.6 | 0 |
| 2953 | 2003／1／21 | 01：00：00 | 23.8 | 97.1 | 0.01 | 92 | 0.6 | 0 | 3049 | 2003／1／25 | 01：00：00 | 24.6 | 96.9 | 0.0 | 173 | 1.0 | 0 |
| 2954 | 2003／1／21 | 02：00：00 | 23.7 | 97.2 | 0.0 | 102 | 0.4 | 0 | 3050 | 2003／1／25 | 02：00：00 | 24.5 | 96.9 | 0.0 | 324 | 0.5 | 0 |
| 2955 | 2003／1／21 | 03：00：00 | 23.6 | 97．2 | 0.0 | 21 | 0.8 | 0 | 3051 | 2003／1／25 | 03：00：00 | 24.4 | 96.9 | 0.0 | 143 | 0.6 | 0 |
| 2956 | 2003／1／21 | 04：00：00 | 23.5 | 97.2 | 0.0 | 12 | 0.4 | 0 | 3052 | 2003／1／25 | 04：00：00 | 24.4 | 97.0 | 0.0 | 108 | 0.3 | 0 |
| 2957 | 2003／1／21 | 05：00：00 | 23.5 | 97.2 | 0.0 | 212 | 0.6 |  | 3053 | 2003／1／25 | 05：00：00 | 24.2 | 97.0 | 0.0 | 325 | 0.4 | 0 |
| 2958 | 2003／1／21 | 06：00：00 | 23.7 | 97.2 | 0.0 | 89 | 0.6 |  | 3054 | 2003／1／25 | 06：00：00 | 24.1 | 97.1 | 0.0 | 193 | 0.6 |  |
| 2959 | 2003／1／21 | 07：00：00 | 24.6 | 97.2 | 0.0 | 150 | 0.9 | 100 | 3055 | 2003／1／25 | 07：00：00 | 24.6 | 97.0 | 0.0 | 254 | 0.8 | 93 |
| 2960 | 2003／1／21 | 08：00：00 | 25.9 | 97.0 | 0.0 | 301. | 0.7 | 176 | 3056 | 2003／1／25 | 08：00：00 | 27.4 | 87.0 | 0.0 | 46 | 1.7 | 419 |
| 2961 | 2003／1／21 | 09：00：00 | 26.9 | 90.8 | 0.0 | 123 | 2.9 | 205 | 3057 | 2003／1／25 | 09：00：00 | 28.7 | 79．6 | 0.0 | 13 | 2.2 | 616 |
| 2962 | 2003／1／29 | 10：00：00 | 29.9 | 81.6 | 0.0 | 57 | 2.0 | 884 | 3058 | 2003／1／25 | 10：00：00 | 30.2 | 73.1 | 0.0 | 114 | 3.5 | 549 |
| 2963 | 2003／1／21 | 11：00：00 | 27.0 | 93.8 | 6.4 | 190 | 1.8 | 813 | 3059 | 2003／1／25 | 11：00：00 | 29.8 | 73.7 | 0.0 | 95 | 4.5 | 248 |
| 2964 | 2003／1／21 | 12：00：00 | 27.4 | 86.0 | 0.4 | 109 | 3.5 | 311 | 3060 | 2003／1／25 | 12：00：00 | 31.6 | 68.2 | 0.2 | 94. | 3.4 | 809 |
| 2965 | 2003／1／21 | 13：00：00 | 30.9 | 74.5 | 0.01 | 45 | 3.6 | 567 | 3061 | 2003／1／25 | 13：00：00 | 32.4 | 65.1 | 0.0 | 88 | 6.6 | 621 |
| 2966 | 2003／1／21 | 14：00：00 | 31.4 | 72.7 | 0.6 | 90 | 4.4 | 928 | 3062 | 2003／1／25 | 14：00：00 | 31.4 | 69.7 | 0.0 | 112 | 1.7 | 174 |
| 2967 | 2003／1／21 | 15：00：00 | 31．8 | 69.5 | 0.0 | 84 | 3.7 | 966 | 3063 | 2003／1／25 | 15：00：00 | 27.0 | 84.3 | 0.2 | 237 | 5.8 | 24 |
| 2968 ． | 2003／1／21 | 16：00：00 | 29.5 | 68.5 | 0.0 | 107 | 3.9 | 180 | 3064 | 2003／1／25 | 16：00：00 | 26.0 | 89.9 | 0.0 | 241 | 2.8 | 24 |
| 2969 | 2003／1／21 | 17：00：00 | 28.8 | 72.1 | 0.0 | 99 | 4.9 | 113 | 3065 | 2003／1／25 | 17：00：00 | 25.4 | 92.0 | 0.8 | 233 | 2.4 |  |
| 2970 | 2003／1／21 | 18：00：00 | 28.2 | 76.7 | 0.0 | 92 | 3.9 | 67 | 3066 | 2003／1／25 | 18：00：00 | 25.1 | 93.2 | 1.8 | 234 | 1.7 | 6 |
| 2971 | 2003／1／21 | 19：00：00 | 26.8 | 86.5 | 0.0 | 37 | 2.3 |  | 3067 | 2003／1／25 | 19：00：00 | 25.0 | 95.2 | 0.4 | 31 | 0.7 |  |
| 2972 | 2003／1／21 | 20：00：00 | 25.8 | 92.8 | 0.0 | 155 | 1.0 |  | 3068 | 2003／1／25 | 20：00：00 | 24.7 | 95.7 | 0.0 | 257 | 0.4 |  |
| 2973 | 2003／1／21 | 21：00：00 | 25.6 | 93.7 | 0.0 | 99 | 0.7 |  | 3069 | 2003／1／25 | 21：00：00 | 24.5 | 96.1 | 0.0 | 22 | 0.5 | 0 |
| 2974 | 2003／1／21 | 22：00：00 | 24.9 | 94.7 | 0.0 | 129 | 0.6 | 0 | 3070 | 2003／1／25 | 22：00：00 | 24.5 | 96.3 | 0.0 | 140 | 0.6 | － 0 |
| 2975. | 2003／1／21 | 23：00：00 | 24.3 | 95.9 | 0.0 | 118. | 0.9 | 0 | 3071 | 2003／1／25 | 23：00：00 | 24.4 | 96.5 | 0.0 | 210 | 0.8 | 0 |

APPENDIX 3 Weather observation data in Namosi area（19）

| No． | Date | Time |  |  |  |  | $\begin{aligned} & \text { 嘈 } \\ & \text { 号 } \\ & 3 \end{aligned}$ |  | No． | Date | Time |  |  |  |  |  | 惑 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ymy／mm／did | hin：mm：ss | ${ }^{\circ} \mathrm{C}$ | \％ | mm | degree | m／s | kW／m2 |  | ymy：mm：dd | nh：mm：ss | ${ }^{\text {c }}$ | \％ | $\cdots$ | degree | m／3 | kW／m2 |
| 3072 | 2003／1／26 | 00：00：00 | 24.4 | 96.6 | 0.0 | 59 | 0.6 | 0 | 3168 | 2003／1／30 | 0：00：00 | 24.4 | 95．4 | 0.0 | 55 | 0.8 |  |
| 3073 | 2003／1／26 | 01：00：00 | 24.4 | 96.6 | 0.0 | 93 | 0.6 | 0 | 3169 | 2003／1／30 | 01：00：00 | 24.4 | 95.2 | 0.0 | 129 | 0.5 | 0 |
| 3074 | 2003／1／26 | 02：00：00 | 24.4 | 96.2 | 0.0 | 326 | 0.7 | 0 | 3170 | 2003／1／30 | 02：00：00 | 24.3 | 95.7 | 0.0 | 67 | 0.9 |  |
| 3075 | 2003／1／28 | 03：00：00 | 24.4 | 96.1 | 0.0 | 270 | 0.8 | 0 | 3171 | 2003／1／30 | 03：00：00 | 24.2 | 95.6 | 0.2 | 82 | 0.8 | 0 |
| 3076 | 2003／1／26 | 04：00：00 | 24.4 | 96.5 | 0.0 | 43 | 0.4 | 0 | 3172 | 2003／1／30 | 04：00：00 | 24.1 | 95.0 | 0.2 | 14 | 0.6 | 0 |
| 3077 | 2003／1／26 | 05：00：00 | 24.4 | 96.5 | 0.0 | 31 | 0.1 | 0 | 3173 | 2003／1／30， | 05：00：00 | 24.0 | 95.5 | 0.0 | 118 | 0.6 | 0 |
| 3078 | 2003／1／26 | 06：00：00 | 24.3 | 96.6 | 0.0 | 27 | 0.8 | 6 | 3174 | 2003／1／30 | 06：00：00 | 23.9 | 95.7 | 0.0 | 25 | 0.9 | 2 |
| 3079 | 2003／1／26 | 07：00：00 | 24.7 | 95.4 | 0.0 | 8 | 1.0 | 74 | 3175 | 2003／1／30 | 07：00：00 | 24.1 | 95.3 | 0.4 | 35 | 1.2 | 48 |
| 3080 | 2003／1／26 | 08：00：00 | 26.5 | 86.5 | 0.0 | 50 | 0.6 | 141 | 3176 | 2003／1／30 | 08：00：00 | 24.8 | 92.8 | 0.2 | 6 | 1.0 | 200 |
| 3081 | 2003／1／26 | 09：00：00 | 29.7 | 73.9 | 0.0 | 14 | 2.4 | 756 | 3177 | 2003／1／30 | 09：00：00 | 25.8 | 87.1 | 0.0 | 70 | 2.4 | 274 |
| 3082 | 2003／1／26 | 10：00：00 | 30.2 | 75.3 | 0.0 | 68 | 3.2 | 513 | 3178 | 2003／1／30 | 10：00：00 | 25.5 | 86.2 | 0.0 | 112 | 4.4 | 271 |
| 3083 | 2003／1／26 | 11：00：00 | 30.6 | 72.9 | 0.0 | 69 | 3.8 | 664 | 3179 | 2003／1／30 | 11：00：00 | 26.4 | 83.0 | 0.0 | 103 | 3.5 | 452 |
| 3084 | 2003／1／26 | 12：00：00 | 28.4 | 85.8 | 2.8 | 91 | 4.1 | 513 | 3180 | 2003／1／30 | 12：00：00 | 25.6 | 88.0 | 0.0 | 76 | 3.5 | 390 |
| 3085 | 2003／1／26 | 13：00：00 | 28.3 | 79.1 | 0.0 | 238 | 5.0 | 292 | 3181 | 2003／1／30 | 13：00：00 | 25.5 | 86.0 | 0.4 | 134 | 4.8 | 313 |
| 3086 | 2003／1／26 | 14：00：00 | 24.4 | 96.2 | 13.0 | 178 | 1.5 | 12 | 3182 | 20031／130 | 14：00：00 | 26.1 | 84.6 | 0.0 | 190 | 4.8 | 436 |
| 3087 | 2003／1／26 | 15：00：00 | 24.5 | 96.7 | 5.6 | 98 | 0.8 | 18 | 3183 | 2003／1／30 | 15：00：00 | 25.1 | 88.9 | 0.2 | 107 | 6.1 | 241 |
| 3088 | 2003／1／26 | 16：00：00 | 24.5 | 96.7 | 3.0 | 279 | 0.9 | 48 | 3184 | 2003／1／30 | 16：00：00 | 24.8 | 89.1 | 0.0 | 61 | 0.9 | 27 |
| 3089 | 2003／1／26 | 17：00：00 | 24.5 | 96.5 | 0.0 | 242 | 0.7 | 45 | 3185 | 2003／1／30 | 17：00：00 | 24.2 | 93.9 | 0.4 | 74 | 1.8 | 13 |
| 3090 | 2003／1／26 | 18：00：00 | 24.8 | 96.7 | 0.2 | 18 | 1.1 | 17 | 3186 | 2003／1／30 | 18：00：00 | 23.9 | 94.2 | 1.6 | 5 | 1.4 | 22 |
| 3091 | 2003／1／26 | 19：00：00 | 24.7 | 96.7 | 0.0 | 157 | 0.7 | 0 | 3187 | 2003／1／30 | 19：00：00 | 23.7 | 94.3 | 0.2 | 61 | 1.1 | 0 |
| 3092 | 2003／1／26 | 20：00：00 | 24.4 | 96.8 | 0.0 | 344 | 0.6 | 0 | 3188 | 2003／1／30 | 20：00：00 | 23.3 | 94.4 | 0.8 | 327 | 0.9 | 0 |
| 3093 | 2003／1／26 | 21：00：00 | 24.3 | 96.9 | 0.0 | 321 | 0.6 | 0 | 3189 | 2003／1／30 | 21：00：00 | 23.2 | 95.6 | 0.2 | 78 | 0.9 |  |
| 3094 | 2003／1／26 | 22：00：00 | 24.0 | 96.8 | 0.0 | 265 | 1.9 | 0 | 3190 | 2003／1／30 | 22：00：00 | 23.1 | 96.1 | 0.8 | 100 | 0.8 |  |
| 3095 | 2003／1／26 | 23：00：00 | 23.9 | 96.0 | 0.0 | 251 | 2.9 | 0 | 3191 | 2003／1／30 | 23：00：00 | 23.1 | 96.3 | 0.0 | 60 | 1.1 | 0 |
| 3096 | 2003／1／27 | 00：00：00 | 23,8 | 96.6 | 4.6 | 268 | 1.2 | 0 | 3192 | 2003／1／31 | 00：00：00 | 22.9 | 96.2 | 0.0 | 48 | 0.9 | 0 |
| 3097 | 2003／1／27 | 01：00：00 | 23.9 | 96.8 | 2.2 | 246 | 1.1 | 0 | 3193 | 2003／1／31 | 01：00：00 | 22.9 | 96.4 | 0.2 | 89 | 1.1 | 0 |
| 3098 | 2003／1／27 | 02：00：00 | 23.9 | 96.8 | 0.8 | 237 | 1.7 | 0 | 3194 | 2003／1／31 | 02：00：00 | 22.6 | 96.5 | 0.0 | 115 | 1.3 | 0 |
| 3099 | 2003／1／27 | 03：00：00 | 24.1 | 96.8 | 0.2 | 345 | 1.6 | 0 | 3195 | 2003／1／31 | 03：00：00 | 22.5 | 95.9 | 0.0 | 109 | 1.5 | 0 |
| 3100 | 2003／1／27 | 04：00：00 | 24.0 | 96.8 | 5.4 | 180 | 1.3 | 0 | 3196 | 2003／1／31 | 04：00：00 | 22.2 | 96.8 | 0.0 | 54 | 1.1 |  |
| 3109 | 2003／1／27 | 05：00：00 | 24.0 | 96.8 | 1.0 | 104 | 0.3 | 0 | 3197 | 2003／1／31 | 05：00：00 | 21.9 | 97.1 | 0.0 | 47 | 1.0 | 0 |
| 3102 | 2003／1／27 | 06：00：00 | 24.1 | 96.7 | 0.2 | 232 | 0.8 | 2 | 3198 | 2003／1／31 | 06：00：00 | 21.7 | 97.2 | 0.0 | 52 | 0.9 | 4 |
| 3103 | 2003／1／27 | 07：00：00 | 24.4 | 96.4 | 0.4 | 59. | 0.9 | 51 | 3199 | 2003／1／31 | 07：00：00 | 22.1 | 97.2 | 0.0 | 12 | 0.7 | 81 |
| 3104 | 2003／1／27 | 08：00：00 | 24.3 | 95.7 | 6.6 | 77 | 2.2 | 48 | 3200 | 2003／1／31 | 08：00：00 | 25.0 | 87.3 | 0.0 | 143 | 1.5 | 423 |
| 3105 | 2003／1／27 | 09：00：00 | 25.4 | 93.1 | 8.4 | 88 | 3.8 | 159 | 3201 | 2003／1／31 | 09：00：00 | 27.5 | 73.2 | 0.0 | 120 | 3.9 | 677 |
| 3106 | 2003／1／27 | 10：00：00 | 26.0 | 91.7 | 3.8 | 356 | 4.3 | 269 | 3202 | 2003／1／31 | 10：00：00 | 26.5 | 79．8 | 0.0 | 107 | 5.2 | 298 |
| 3107 | 2003／1／27 | 11：00：00 | 27.1 | 90.9 | 0.6 | 52 | 3.8 | 693 | 3203 | 2003／1／31 | 11：00：00 | 26.1 | 83.8 | 0.0 | 95 | 4.0 | 405 |
| 3108 | 2003／4／27 | 12：00：00 | 27.0 | 87.5 | 0.6 | 37 | 2.6 | 256 | 3204 | 2003／4／31 | 12：00：00 | 25.4 | 86.3 | 0.0 | 112 | 4.7 | 288 |
| 3109 | 2003／1／27 | 13：00：00 | 26.6 | 87.3 | 2.6 | 22 | 2.0 | 281 | 3205 | 2003／1／31 | 13：00：00 | 27.4 | 75.1 | 0.0 | 24 | 3.0 | 470 |
| 3110 | 2003／1／27 | 14：00：00 | 26.4 | 89.6 | 2.2 | 25 | 1.9 | 177 | 3206 | 2003／1／31 | 14：00：00 | 25.6 | 85.4 | 0.2 | 320 | 2.1 | 376 |
| 3111 | 2003／1／27 | 15：00：00 | 25.9 | 91.5 | 1.4 | 300 | 1.8 | 215 | 3207 | 2003／1／31 | 15：00：00 | 27.1 | 73.5 | 0.0 | 74 | 3.1 | 277 |
| 3112 | 2003／1／27 | 16：00：00 | 25.7 | 91.2 | 1.4 | 119 | 1.9 | 198 | 3208 | 2003／1／31 | 16：00：00 | 27.3 | 76.3 | 0.0 | 347 | 1.3 | 248 |
| 3143 | 2003／1／27 | 17：00：00 | 25.7 | 88.9 | 0.8 | 67 | 3.7 | 152 | 3209 | 2003／1／31 | 17：00：00 | 26.1 | 81.1 | 0.0 | 43 | 1.2 | 27 |
| 3114 | 2003／1／27 | 18：00：00 | 25.3 | 92.4 | 1.0 | 70 | 2.0 | 50 | 3210 | 2003／1／31 | 18：00：00 | 25.1 | 89.2 | 0.0 | 45 | 0.9 | 31 |
| 3175 | 2003／1／27 | 19：00：00 | 25.0 | 90.3 | 1.2 | 61 | 2.4 |  | 3211 | 2003／1／39 | 19：00：00 | 24.2 | 91.7 | 0.0 | 90 | 1.5 | 0 |
| 3116 | 2003／1／27 | 20：00：00 | 24.6 | 93.6 | 0.2 | 115 | 1.3 | 0 | 3212 | 2003／1／31 | 20：00：00 | 23.2 | 94.9 | 0.2 | 71 | 0.7 | 0 |
| 3117 | 2003／1／27 | 21：00：00 | 24.4 | 95.5 | 0.4 | 73 | 0.7 | 0 | 3213 | 2003／1／31 | 21：00：00 | 22.8 | 95.5 | 0.01 | 8 | 0.2 |  |
| 3118 | 2003／1／27 | 22：00：00 | 24.5 | 95．3 | 0.0 | 218 | 1.0 | － | 3214 | 2003／1／31 | 22：00：00 | 22.8 | 95.8 | 0.0 | 76 | 0.4 |  |
| 3119 | 2003／1／27 | 23：00：00 | 24.4 | 95.7 | 0.4 | 56 | 0.8 | 0 | 3215 | 2003／1／31 | 23：00：00 | 22.3 | 96.2 | 0.0 | 119 | 0.4 |  |
| 3120 | 2003／1／28 | 00：00：00 | 24.3 | 96.0 | 0.4 | 121 | 1.1 | 0 | 3216 | 2003／2／1 | 00：00：00 | 22.3 | 96.7 | 0.0 | 71 | 0.5 |  |
| 3129 | 2003／1／28 | 01：00：00 | 24.1 | 96.3 | 0.2 | 320 | 0.4 | 0 | 3217 | 2003／2／1 | 04：00：00 | 22.6 | 96.2 | 0.2 | 103 | 0.9 |  |
| 3122 | 2003／1／28 | 02：00：00 | 23.9 | 96.1 | 0.0 | 190 | 1.0 | 0 | 3218 | 2003／2／1 | 02：00：00 | 22.6 | 96.4 | 0.0 | 52 | 0.5 |  |
| 3123 | 2003／1／28 | 03：00：00 | 23.5 | 96.6 | 0.2 | 136 | 1.2 | 0 | 3219 | 2003／2／1 | 03：00：00 | 22.3 | 96.6 | 0.0 | 118 | 0.8 |  |
| 3124 | 2003／1／28 | 04：00：00 | 23.4 | 96.6 | 0.0 | 105 | 1.1 | 0 | 3220 | 2003／2／1 | 04：00：00 | 22.1 | 96.9 | 0.0 | 77 | 0.6 |  |
| 3125 | 2003／1／28 | 05：00：00 | 23.1 | 96.7 | 0.0 | 40 | 0.7 | 0 | 3221 | 2003／2／1 | 05：00：00 | 21.9 | 97.0 | 0.0 | 100 | 0.5 | 0 |
| 3126 | 2003／1／28 | 06：00：00 | 23.0 | 96．8 | 0.2 | 108 | 1.0 | 6. | 3222 | 2003／2／1 | 06：00：00 | 21.8 | 97.1 | 0.0 | 91 | 0.3 | 4 |
| 3127 | 2003／1／28 | 07：00：00 | 23.0 | 96.8 | 0.0 | 132 | 0.7 | 36 | 3223 | 2003／2／1 | 07：00：00 | 22.5 | 96.9 | 0.0 | 64 | 0.5 | 107 |
| 3128 | 2003／1／28 | 09：00：00 | 24.2 | 94.4 | 0.2 | 184 | 0.7 | 142 | 3224 | 2003／2／1 | 08：00：00 | 24.3 | 88.4 | 0.0 | 61 | 1.1 | 123 |
| 3129 | 2003／1／28 | 09：00：00 | 25.7 | 85.5 | 0.0 | 254 | 1.3 | 227 | 3225 | 2003／2／1 | 09：00：00 | 27.9 | 73.8 | 0.0 | 98 | 1.2 | 698 |
| 3130 | 2003／1／28 | 10：00：00 | 25.4 | 88.8 | 0.8 | 212 | 8.6 | 204 | 3226 | 2003／2／1 | 10：00：00 | 29.0 | 63.1 | 0.0 | 71 | 3.6 | 926 |
| 3131 | 2003／1／28 | 11：00：00 | 27.1 | 86.1 | 2.0 | 326 | 2.8 | 691 | 3227 | 2003／217 | 11：00：00 | 30.0 | 65.7 | 0.0 | 73 | 3.7 | 1105 |
| 3132 | 2003／1／2B | 12：00：00 | 27.1 | 87.0 | 1.2 | 16 | 1.4 | 508 | 3228 | 2003／211 | 12：00：00 | 29.5 | 62.5 | 0.0 | 59 | 4.4 | 316 |
| 3133 | 2003／1／28 | 13：00：00 | 28.2 | 75.8 | 0.0 | 101 | 3.3 | 502 | 3229 | 2003／2／1 | 13：00：00 | 28.2 | 66.5 | 0.0 | 100 | 4.8 | 1229 |
| 3134. | 2003／1／28 | 14：00：00 | 28.7 | 73.6 | 0.0 | 83 | 5.9 | 274 | 3230 | 2003／2／1 | 14：00：00 | 28.8 | 64.8 | 0.0 | 98 | 6.6 | 1184 |
| 3135 | 2003／1／28 | 15：00：00 | 29.3 | 75.4 | 0.0 | 76 | 5.4 | 759 | 3231 | 2003／2／1 | 15：00：00 | 28.3 | 68.2 | 0.0 | 75 | 5.1 | 891 |
| 3136 | 2003／1／28 | 16：00：00 | 28.0 | 76.4 | 0.0 | 90 | 3.3 | 115 | 3232 | 2003／2／1 | 16：00：00 | 27.3 | 66.7 | 0.0 | 94 | 3.9 | 203 |
| 3137 | 2003／1／28． | 17：00：00 | 25.1 | 93.3 | 3.4 | 320 | 1.7 | 37 | 3233 | 2003／2／1 | 17：00：00 | 27.1 | 66.2 | 0.0 | 100 | 5.0 | 177 |
| 3138. | 2003／1／28 | 18：00：00 | 24.9 | 94.7 | 4.2 | 148 | 1.6 | 29 | 3234 | 2003／2／1 | 18：00：00 | 25.9 | 69.4 | 0.0 | 126. | 1.6 | 48 |
| 3139 | 2003／1／28 | 19：00：00 | 24.7 | 94.8 | 0.0 | 93 | 0.4 | 1 | 3235 | $2003 / 2 / 1$ | 19：00：00 | 23.4 | 87.5 | 0.0 | 128 | 1.2 | 2 |
| 3140 | 2003／1／28 | 20：00：00 | 24.7 | 95.9 | 0.0 | 72 | 0.3 | 0 | 3236 | 2003／2／1 | 20：00：00 | 21.8 | 94.2 | 0.0 | 69 | 0.7 | － 0 |
| 3141 | 2003／1／28 | 21：00：00 | 24.6 | 96.0 | 0.8 | 115 | 0.7 | 0 | 3237 | 2003／2／9 | 21：00：00 | 21.2 | 96.0 | 0.0 | 125 | 0.4 |  |
| 3142 | 2003／1／28 | 22：00：00 | 24.4 | 96.0 | 0.0 | 32 | 0.8 | 0 | 3238 | 2003／2／1 | 22：00：00 | 21.0 | 96.4 | 0.0 | 287 | 0.5 | － 0 |
| 3143 | 2003／1／28 | 23：00：00 | 24.1 | 96.4 | 0.0 | 90 | 0.8 | 0 | 3239 | 2003／2／1 | 23：00：00 | 20.6 | 96.5 | 0.0 | 120 | 0.3 | 0 |
| 3144. | 2003／1／29 | 00：00：00 | 23.9 | 96.4 | 0.0 | 12 | 0.7 | 0 | 3240 | 2003／2／2 | 00：00：00 | 20.4 | 97.0 | 0.0 | 333 | 0.7 | － 0 |
| 3145 | 2003／1／29 | 01：00：00 | 23.5 | 96.5 | 0.0 | 9 | 0.9 | 0 | 3241 | 2003／2／2 | 01：00：00 | 20.4 | 97.2 | 0.0 | 2 | 0.6 | $\bigcirc$ |
| 3146 | 2003／1／29 | 02：00：00 | 23.4 | 96.4 | 0.0 | 158 | 0.4 | － 0 | 3242 | 2003／2／2 | 02：00：00 | 20.5 | 97.3 | 0.0 | 70 | 0.6 |  |
| 3147 | 2003／1／29 | 03：00：00 | 23.0 | 96.7 | 0.0 | 250 | 0.5 | － 0 | 3243 | 2003／2／2 | 03：00：00 | 20.6 | 97.3 | 0.4 | 81 | 0.9 |  |
| 3148 | 2003／1／29 | 04：00：00 | 22.8 | 96.9 | 0.0 | 360 | 0.6 | － 0 | 3244 | $2003 / 2 / 2$ | 04：00：00 | 20.5 | 97.4 | 0.0 | 188 | 1.3 | 0 |
| 3149 | 2003／1／29 | 05：00：00 | 22.7 | 96.5 | 0.0 | 319 | 0.8 | － 0 | 3245 | 2003／2／2 | 05：00：00 | 20.1 | 97.4 | 0.0 | 133 | 0.5 | 0 |
| 3150 | 2003／1／29 | 06：00：00 | 22.6 | 96.1 | 0.0 | 64 | 0.5 | － 3 | 3246 | 2003／2／2 | 06：00：00 | 20.1 | 97.5 | 0.0 | 29 | 1.0 | 4 |
| 3151 | 2003／1／29 | 07：00：00 | 22.9 | 93.8 | 0.0 | 91 | 0.8 | 108 | 3247 | 2003／2／2 | 07：00：00 | 20.4 | 97.5 | 0.0 |  | 0.7 | 91 |
| 3152 | 2003／1／29 | 08：00：00 | 24.6 | 87.2 | 0.0 | 27 | 1.5 | 280 | 3248 | 2003／2／2 | 08：00：00 | 21.3 | 97.3 | 0.0 | 357 | 0.8 | 111 |
| 3153 | 2003／1／29 | 09：00：00 | 28.0 | 70.7 | 0.0 | 91. | 1.8 | 650 | 3249 | 2003／2／2 | 09：00：00 | 23.5 | 87.7 | 0.0 | 129 | 0.7 | 143 |
| 3154 | 2003／1／29 | 10：00：00 | 29.4 | 64.9 | 0.0 | 39 | 2.7 | 847 | 3250 | 2003／2／2 | 10：00：00 | 24.6 | 84.4 | 0.2 | 268 | 0.9 | 185 |
| 3155 | 2003／1／29 | 11：00：00 | 31.0 | 57.8 | 0.0 | 180 | 3.3 | 1021 | 3251 | 2003／2／2 | 11：00：00 | 27.9 | 70.4 | 0.0 | 360 | 2.2 | 393 |
| 3156 | 2003／1／29 | 12：00：00 | 31.3 | 60.3 | 0.0 | 134. | 2.4 | 951 | 3252 | 2003／2／2 | 12：00：00 | 26.4 | 74.4 | 0.0 | 79 | 4.5 | 386 |
| 3157 | 2003／1／29 | 13：00：00 | 30.3 | 63.3 | 0.0 | 80 | 4.8 | 307 | 3253 | 2003／2／2 | 13：00：00 | 26.7 | 73.5 | 0.0 | 69 | 4.9 | 427 |
| 3158 | 2003／1／29 | 14：00：00 | 31.2 | 55.6 | 0.0 | 124 | 6.71 | 1096 | 3254 | 2003／2／2 | 14：00：00 | 28.6 | 65.6. | 0.0 | 87 | 3.6 | 680 |
| 3159 | 2003／1／29 | 15：00：00 | 29.5 | 64.1 | 0.0 | 135 | 4.2 | 281 | 3255 | 2003／2／2 | 15：00：00 | 28.5 | 58.1 | 0.0 | 71 | 5.4 | 566 |
| 3160 | 2003／1／29 | 16：00：00 | 28.7 | 69.9 | 0.0 | 123 | 5.1 | 258 | 3256 | 2003／2／2 | 16：00：00 | 28.3 | 61.4 | 0.0 | 211 | 2.5 | 666 |
| 3161 | 2003／4／29 | 17：00：00 | 27.7 | 72.5 | 0.0 | 102 | 3.1 | 111 | 3257 | 2003／2／2 | 17：00：00 | 26.2 | 71.3 | 0.0 | 94 | 4.9 | 345 |
| 3162 | 2003／4／29 | 18：00：00 | 27.1 | 77.4 | 0.0 | 43 | 2.8 | 54 | 3250 | 2003／2／2 | 18：00：00 | 25.0 | 81.0 | 0.0 | 53 | 1.0 | 46 |
| 3163 | 2003／1／29 | 19：00：00 | 25.5 ： | 89.2 | 0.01 | 119 | 0.9 | － 2 | 3259 | 2003／2／2 | 19：00：00 | 23.3 | 89.2 | 0.0 | 94 | 0.5 | － 1 |
| 3164 | 2003／1／29 | 20：00：00 | 24．8． | 93.4 | 0.0 | 95 | 0.6 |  | 3260 | 2003／2／2 | 20：00：00 | 22.4 | 93．7 | 0.0 | 292 | 0.8 | 0 |
| 3165 | 2003／1／29 | 21：00：00 | 24.6 | 94.4 | 0.01 | 39 | 1.0 | － 0 | 3261 | 2003／2／2 | 21：00：00 | 21.3 | 95.7 | 0.0 | 268 | 0.4 | 0 |
| 3166 <br> 3167 | 2003／4129 | 22：00：00 | 24.5 ； | 94.9 | 0.0 | 35 | 1.0 | 0 | 3262 | 2003／2／2 | 22：00：00 | $\frac{20.9}{20.5}$ | 96.3 | 0.0 | 457 | 0.5 | － 0 |

APPENDIX 3 Weather observation data in Namosi area (20)

| No. | Date | Time |  |  |  |  |  |  | No. | Oate | Time |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | madmmidd | hhimm:ss | ${ }^{\circ} \mathrm{C}$ | \% | mm | degree | m/s | kWim2 |  | y yry:mm:dd | hn:mm:ss | c | \% | mm | degree | m/s | kW/mz |
| 3264 | 2003/2/3 | 00:00:00 | 20.3 | 97.0 | 0.0 | 69 | 0.4 | 0 |  |  |  |  |  |  |  |  |  |
| 3265 | 2003/2/3 | 01:00:00 | 19.8. | 97.3 | 0.0 | 8 | 0.1 | 0 |  |  |  |  |  |  |  |  |  |
| 3266 | 2003/2/3 | 02:00:00 | 19.8 | 97.4 | 0.0 | 34 | 0.6 | 0 |  |  |  |  |  |  |  |  |  |
| 3267 | 2003/2/3 | 03:00:03 | 19.6 | 97.4 | 0.0 | 53 | 0.4 | 0 |  |  |  |  |  |  |  |  |  |
| 3268 | 2003/2/3 | 04:00:00 | 19.2 | 97.4 | 0.0 | 8 | 0.9 | 0 |  |  |  |  |  |  |  |  |  |
| 3269 | 2003/2/3 | 05:00:00 | 19.2 | 97.6 | 0.0 | 352 | 0.6 | 0 |  |  |  |  |  |  |  |  |  |
| 3270 | 2003/2/3 | 06:00:00 | 19.1 | 97.6 | 0.01 | 3 | 0.4 | 5 |  |  |  |  |  |  |  |  |  |
| 3271 | 2003/2/3 | 07:00:00 | 19.3 | 97.6 | 0.01 | 42 | 1.0 | 82 |  |  |  |  |  |  |  |  |  |
| 3272 | 2003/2/3 | 08:00:00 | 21.1 | 96.9 | 0.0 | 10 | 1.5 | 380 |  |  |  |  |  |  |  |  |  |
| 3273 | 2003/2/3 | 09:00:00 | 24.7 | 79.7 | 0.0 | 50 | 1.6 | 248 |  |  |  |  |  |  |  |  |  |
| 3274 | 2003/2/3 | 10:00:00 | 26.4 | 72.8 | 0.0 | 159 | 2.3 | 252 |  |  |  |  |  |  |  |  |  |
| 3275 | 2003/2/3 | 11:00:00 | 28.5 | 59.0 | 0.01 | 329 | 3.5 | 293 |  |  |  |  |  |  |  |  |  |
| 3276 | 2003/2/3 | 12:00:00 | 28.8 | 53.5 | 0.0 | 192 | 3.2 | 484 |  |  |  |  |  |  |  |  |  |
| 3277 | 2003/2/3 | 13:00:00 | 29.9 | 49.4 | 0.0 | 137 | 5.9 | 1036 |  |  |  |  |  |  |  |  |  |
| 3278. | 2003/2/3 | 14:00:00 | 30.3 | 45.0 | 0.0 | 35 | 3.4 | 938 |  |  |  |  |  |  |  |  |  |
| 3279, | 2003/2/3 | 15:00:00 | 29.6 | 58.5 | 0.0 | 123 | 5.1 | 818 |  |  |  |  |  |  |  |  |  |
| 3280 | 2003/2/3 | 16:00:00 | 28.9 | 52.1 | 0.0 | 94 | 4.8 | 588 |  |  |  |  |  |  |  |  |  |
| 3281 | 2003/2/3 | 17:00:00 | 28.5 | 55.1 | 0.0 | 148 | 4.1 | 333 |  |  |  |  |  |  |  |  |  |
| 3282 | 2003/2/3 | 18:00:00 | 26.5 | 63.2 | 0.0 | 162 | 4.8 | 72 |  |  |  |  |  |  |  |  |  |
| 3283 | 2003/2/3 | 19:00:00 | 23.1 | 87.2 | 0.0 | 137 | 0.6 | 2 |  |  |  |  |  |  |  |  |  |
| 3284 | 2003/2/3 | 20:00:00 | 21.7 | 93.1 | 0.0 | 129 | 0.7 | 0 |  |  |  |  |  |  |  |  |  |
| 3285 | 2003/2/3 | 21:00:00 | 21.8 | 93.6 | 1.4 | 341 | 2.1 | 0 |  |  |  |  |  |  |  |  |  |
| 3286 | 2003/2/3 | 22:00:00 | 21.8 | 95.2 | 0.0 | 51 | 1.6 | 0 |  |  |  |  |  |  |  |  |  |
| 3287 | 2003/2/3 | 23:00:00 | 21.8 | 95.9 | 0.0 | 111 | 0.3 | 0 |  |  |  |  |  |  |  |  |  |
| 3288 | 2003/2/4 | 00:00:00 | 21.1 | 96.2 | 0.0 | 207 | 0.3 | 0 |  |  |  |  |  |  |  |  |  |
| 3289 | 2003/2/4 | 01:00:00 | 21.0 | 96.5 | 0.0 | 334 | 0.3 | 0 |  |  |  |  |  |  |  |  |  |
| 3290 | 2003/2/4 | 02:00:00 | 21.1 | 96.6 | 0.2 | 281 | 1.3 | 0 |  |  |  |  |  |  |  |  |  |
| 3291 | $2003 / 2 / 4$ | 03:00:00 | 21.1 | 96.4 | 0.0 | 263 | 0.6 | 0 |  |  |  |  |  |  |  |  |  |
| 3292 | 2003/2/4 | 04:00:00 | 21.0 | 96.7 | 0.0 | 2 | 0.4 | 0 |  |  |  |  |  |  |  |  |  |
| 3293 | 2003/2/4 | 05:00:00 | 21.2 | 96.2 | 0.0 | 158 | 0.7 | 0 |  |  |  |  |  |  |  |  |  |
| 3294 | 2003/2/4 | 06:00:00 | 20.8 | 96.6 | 0.0 | 50 | 0.4 | 4 |  |  |  |  |  |  |  |  |  |
| 3295 | 2003/2/4 | 07:00:00 | 20.7 | 96.9 | 0.0 | 168 | 0.7 | 43 |  |  |  |  |  |  |  |  |  |
| 3296 | 2003/2/4 | 08:00:00 | 24.2 | 84.2 | 0.0 | 293 | 1.3 | 427 |  |  |  |  |  |  |  |  |  |
| 3297 | 2003/2/4 | 09:00:00 | 24.5 | 83.5 | 0.0 | 292 | 1.1 | 289 |  |  |  |  |  |  |  |  |  |
| 3298 | 2003/2/4 | 10:00:00 | 25.0 | 81.0 | 0.0 | 5 | 2.5 | 451 |  |  |  |  |  |  |  |  |  |

