

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 19-06-23 | 0:15  | 28.1        | 28.1       | 27.9        | 80         | 24.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.1          | 32.4          | 32.4         | ---           | 1004.0 | 0.00 | 0.0          | 55            | 1.18            |
| 19-06-23 | 0:30  | 28.2        | 28.2       | 28.0        | 80         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.2          | 32.7          | 32.7         | ---           | 1004.2 | 0.00 | 0.0          | 93            | 2.00            |
| 19-06-23 | 0:45  | 28.3        | 28.3       | 28.1        | 80         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.3          | 33.2          | 33.2         | ---           | 1004.5 | 0.00 | 0.0          | 126           | 2.71            |
| 19-06-23 | 1:00  | 28.6        | 28.6       | 28.3        | 79         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.6          | 33.6          | 33.6         | ---           | 1004.7 | 0.00 | 0.0          | 164           | 3.53            |
| 19-06-23 | 1:15  | 28.4        | 28.6       | 28.4        | 80         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.4          | 33.5          | 33.5         | ---           | 1004.8 | 0.00 | 0.0          | 229           | 4.92            |
| 19-06-23 | 1:30  | 28.7        | 28.7       | 28.4        | 80         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.7          | 34.3          | 34.3         | ---           | 1004.9 | 0.00 | 0.0          | 266           | 5.72            |
| 19-06-23 | 1:45  | 29.0        | 29.1       | 28.7        | 80         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.0          | 34.9          | 34.9         | ---           | 1004.9 | 0.00 | 0.0          | 311           | 6.69            |
| 19-06-23 | 2:00  | 29.2        | 29.2       | 28.9        | 79         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 35.2          | 35.2         | ---           | 1005.0 | 0.00 | 0.0          | 381           | 8.19            |
| 19-06-23 | 2:15  | 29.6        | 29.6       | 29.2        | 78         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.8          | 35.8         | ---           | 1005.3 | 0.00 | 0.0          | 437           | 9.40            |
| 19-06-23 | 2:30  | 30.2        | 30.2       | 29.6        | 77         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 37.2          | 37.2         | ---           | 1005.1 | 0.00 | 0.0          | 487           | 10.47           |
| 19-06-23 | 2:45  | 30.7        | 30.7       | 30.2        | 75         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 37.8          | 37.8         | ---           | 1005.2 | 0.00 | 0.0          | 520           | 11.18           |
| 19-06-23 | 3:00  | 30.9        | 30.9       | 30.7        | 75         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.9          | 38.2          | 38.2         | ---           | 1005.2 | 0.00 | 0.0          | 565           | 12.15           |
| 19-06-23 | 3:15  | 31.3        | 31.3       | 30.9        | 74         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 38.9          | 38.9         | ---           | 1005.2 | 0.00 | 0.0          | 608           | 13.07           |
| 19-06-23 | 3:30  | 31.3        | 31.4       | 31.2        | 72         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 38.6          | 38.6         | ---           | 1005.0 | 0.00 | 0.0          | 657           | 14.13           |
| 19-06-23 | 3:45  | 31.6        | 31.6       | 31.3        | 72         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 39.6          | 39.6         | ---           | 1005.2 | 0.00 | 0.0          | 697           | 14.99           |
| 19-06-23 | 4:00  | 31.8        | 31.8       | 31.6        | 71         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 40.0          | 40.0         | ---           | 1005.3 | 0.00 | 0.0          | 726           | 15.61           |
| 19-06-23 | 4:15  | 32.0        | 32.1       | 31.8        | 69         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.0          | 39.9          | 39.9         | ---           | 1005.3 | 0.00 | 0.0          | 752           | 16.17           |
| 19-06-23 | 4:30  | 32.3        | 32.3       | 32.0        | 69         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.3          | 41.0          | 41.0         | ---           | 1005.1 | 0.00 | 0.0          | 783           | 16.84           |
| 19-06-23 | 4:45  | 32.7        | 32.7       | 32.3        | 69         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.7          | 42.1          | 42.1         | ---           | 1005.0 | 0.00 | 0.0          | 806           | 17.33           |
| 19-06-23 | 5:00  | 32.9        | 32.9       | 32.7        | 67         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.9          | 42.2          | 42.2         | ---           | 1005.0 | 0.00 | 0.0          | 825           | 17.74           |
| 19-06-23 | 5:15  | 33.2        | 33.2       | 32.9        | 66         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.2          | 42.4          | 42.4         | ---           | 1004.9 | 0.00 | 0.0          | 843           | 18.13           |
| 19-06-23 | 5:30  | 33.6        | 33.6       | 33.2        | 62         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.6          | 42.1          | 42.1         | ---           | 1004.8 | 0.00 | 0.0          | 856           | 18.41           |
| 19-06-23 | 5:45  | 34.0        | 34.0       | 33.6        | 62         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.0          | 43.3          | 43.3         | ---           | 1004.7 | 0.00 | 0.0          | 887           | 19.07           |
| 19-06-23 | 6:00  | 34.2        | 34.3       | 34.0        | 59         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.2          | 42.7          | 42.7         | ---           | 1004.4 | 0.00 | 0.0          | 934           | 20.08           |
| 19-06-23 | 6:15  | 34.4        | 34.4       | 34.1        | 59         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.4          | 43.2          | 43.2         | ---           | 1004.2 | 0.00 | 0.0          | 934           | 20.08           |
| 19-06-23 | 6:30  | 34.7        | 34.7       | 34.4        | 57         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 43.2          | 43.2         | ---           | 1003.9 | 0.00 | 0.0          | 866           | 18.62           |
| 19-06-23 | 6:45  | 34.7        | 34.8       | 34.7        | 58         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 43.6          | 43.6         | ---           | 1003.8 | 0.00 | 0.0          | 890           | 19.14           |
| 19-06-23 | 7:00  | 34.8        | 34.9       | 34.6        | 57         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 43.7          | 43.7         | ---           | 1003.5 | 0.00 | 0.0          | 976           | 20.99           |
| 19-06-23 | 7:15  | 34.7        | 34.9       | 34.7        | 57         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 43.4          | 43.4         | ---           | 1003.5 | 0.00 | 0.0          | 726           | 15.61           |
| 19-06-23 | 7:30  | 34.8        | 35.0       | 34.7        | 57         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 43.7          | 43.7         | ---           | 1003.1 | 0.00 | 0.0          | 717           | 15.42           |
| 19-06-23 | 7:45  | 34.8        | 34.8       | 34.7        | 58         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 44.1          | 44.1         | ---           | 1003.0 | 0.00 | 0.0          | 500           | 10.75           |
| 19-06-23 | 8:00  | 34.9        | 34.9       | 34.8        | 58         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.9          | 44.3          | 44.3         | ---           | 1002.6 | 0.00 | 0.0          | 595           | 12.79           |
| 19-06-23 | 8:15  | 35.2        | 35.2       | 34.8        | 58         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.2          | 45.1          | 45.1         | ---           | 1002.6 | 0.00 | 0.0          | 698           | 15.01           |
| 19-06-23 | 8:30  | 34.9        | 35.2       | 34.9        | 58         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.9          | 44.4          | 44.4         | ---           | 1002.5 | 0.00 | 0.0          | 434           | 9.33            |
| 19-06-23 | 8:45  | 35.1        | 35.1       | 34.9        | 58         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.1          | 44.8          | 44.8         | ---           | 1002.3 | 0.00 | 0.0          | 607           | 13.05           |
| 19-06-23 | 9:00  | 34.9        | 35.1       | 34.8        | 58         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.9          | 44.4          | 44.4         | ---           | 1002.2 | 0.00 | 0.0          | 378           | 8.13            |
| 19-06-23 | 9:15  | 35.4        | 35.4       | 34.9        | 57         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.4          | 45.4          | 45.4         | ---           | 1002.0 | 0.00 | 0.0          | 603           | 12.97           |
| 19-06-23 | 9:30  | 35.7        | 35.7       | 35.3        | 56         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.7          | 45.9          | 45.9         | ---           | 1001.7 | 0.00 | 0.0          | 552           | 11.87           |
| 19-06-23 | 9:45  | 35.8        | 35.8       | 35.6        | 57         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.6          | 46.6         | ---           | 1001.6 | 0.00 | 0.0          | 514           | 11.05           |
| 19-06-23 | 10:00 | 35.9        | 35.9       | 35.7        | 56         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 46.4          | 46.4         | ---           | 1001.5 | 0.00 | 0.0          | 458           | 9.85            |
| 19-06-23 | 10:15 | 35.8        | 36.0       | 35.8        | 56         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.3          | 46.3         | ---           | 1001.5 | 0.00 | 0.0          | 388           | 8.34            |
| 19-06-23 | 10:30 | 36.0        | 36.0       | 35.8        | 56         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.0          | 46.8          | 46.8         | ---           | 1001.4 | 0.00 | 0.0          | 358           | 7.70            |
| 19-06-23 | 10:45 | 35.9        | 36.1       | 35.8        | 55         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 46.0          | 46.0         | ---           | 1001.5 | 0.00 | 0.0          | 315           | 6.77            |
| 19-06-23 | 11:00 | 35.9        | 35.9       | 35.8        | 55         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 46.0          | 46.0         | ---           | 1001.5 | 0.00 | 0.0          | 256           | 5.50            |
| 19-06-23 | 11:15 | 35.7        | 35.9       | 35.7        | 55         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.7          | 45.3          | 45.3         | ---           | 1001.6 | 0.00 | 0.0          | 213           | 4.58            |
| 19-06-23 | 11:30 | 35.7        | 35.8       | 35.7        | 56         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.7          | 45.8          | 45.8         | ---           | 1001.8 | 0.00 | 0.0          | 185           | 3.98            |
| 19-06-23 | 11:45 | 35.6        | 35.7       | 35.6        | 56         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 45.6          | 45.6         | ---           | 1001.8 | 0.00 | 0.0          | 117           | 2.52            |
| 19-06-23 | 12:00 | 35.3        | 35.6       | 35.3        | 56         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.3          | 44.7          | 44.7         | ---           | 1001.9 | 0.00 | 0.0          | 54            | 1.16            |
| 19-06-23 | 12:15 | 35.2        | 35.3       | 35.2        | 57         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.2          | 44.7          | 44.7         | ---           | 1002.1 | 0.00 | 0.0          | 20            | 0.43            |
| 19-06-23 | 12:30 | 35.0        | 35.2       | 35.0        | 58         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.0          | 44.6          | 44.6         | ---           | 1002.2 | 0.00 | 0.0          | 4             | 0.09            |
| 19-06-23 | 12:45 | 34.7        | 35.0       | 34.7        | 60         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 44.4          | 44.4         | ---           | 1002.3 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 13:00 | 34.4        | 34.7       | 34.4        | 59         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.4          | 43.3          | 43.3         | ---           | 1002.6 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 13:15 | 34.3        | 34.4       | 34.3        | 60         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.3          | 43.4          | 43.4         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |

## SPAV 19-06-23

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 19-06-23 | 13:30 | 34.2        | 34.3       | 34.2        | 59         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.2          | 42.7          | 42.7         | ---           | 1003.0 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 13:45 | 34.2        | 34.2       | 34.2        | 59         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.2          | 42.7          | 42.7         | ---           | 1003.3 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 14:00 | 34.0        | 34.2       | 33.9        | 60         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.0          | 42.4          | 42.4         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 14:15 | 33.7        | 34.0       | 33.7        | 61         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.7          | 42.0          | 42.0         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 14:30 | 33.6        | 33.8       | 33.6        | 61         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.6          | 41.6          | 41.6         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 14:45 | 33.5        | 33.6       | 33.5        | 61         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.5          | 41.4          | 41.4         | ---           | 1004.3 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 15:00 | 33.3        | 33.5       | 33.3        | 61         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.3          | 40.9          | 40.9         | ---           | 1004.4 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 15:15 | 33.3        | 33.4       | 33.3        | 62         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.3          | 41.2          | 41.2         | ---           | 1004.6 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 15:30 | 33.2        | 33.3       | 33.2        | 62         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.2          | 40.9          | 40.9         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 15:45 | 33.2        | 33.2       | 33.1        | 61         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.2          | 40.4          | 40.4         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 16:00 | 33.2        | 33.2       | 33.1        | 61         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.2          | 40.6          | 40.6         | ---           | 1005.2 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 16:15 | 32.1        | 33.2       | 32.1        | 68         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.1          | 39.9          | 39.9         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 16:30 | 31.8        | 32.1       | 31.8        | 70         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 39.7          | 39.7         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 16:45 | 31.6        | 31.8       | 31.6        | 72         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 39.6          | 39.6         | ---           | 1005.7 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 17:00 | 31.2        | 31.7       | 31.2        | 73         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 38.4          | 38.4         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 17:15 | 31.1        | 31.3       | 31.1        | 74         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 38.2          | 38.2         | ---           | 1005.7 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 17:30 | 30.9        | 31.1       | 30.9        | 75         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.9          | 38.2          | 38.2         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 17:45 | 30.8        | 30.9       | 30.7        | 76         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 38.3          | 38.3         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 18:00 | 30.7        | 30.8       | 30.6        | 77         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 38.3          | 38.3         | ---           | 1005.1 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 18:15 | 30.4        | 30.6       | 30.4        | 78         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 38.1          | 38.1         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 18:30 | 30.3        | 30.5       | 30.2        | 79         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 37.8          | 37.8         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 18:45 | 30.2        | 30.2       | 30.1        | 80         | 26.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 37.7          | 37.7         | ---           | 1004.5 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 19:00 | 30.1        | 30.2       | 30.1        | 80         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 37.3          | 37.3         | ---           | 1004.6 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 19:15 | 29.8        | 30.1       | 29.8        | 81         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.9          | 36.9         | ---           | 1004.4 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 19:30 | 29.8        | 29.8       | 29.8        | 82         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 37.1          | 37.1         | ---           | 1004.3 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 19:45 | 29.6        | 29.8       | 29.6        | 82         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 36.5          | 36.5         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 20:00 | 29.8        | 29.8       | 29.4        | 82         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 37.2          | 37.2         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 20:15 | 30.2        | 30.2       | 29.8        | 76         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 36.8          | 36.8         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 20:30 | 29.8        | 30.2       | 29.8        | 77         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.1          | 36.1         | ---           | 1005.1 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 20:45 | 29.4        | 29.8       | 29.4        | 79         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.6          | 35.6         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 21:00 | 29.3        | 29.4       | 29.2        | 79         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 35.3          | 35.3         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 21:15 | 29.2        | 29.2       | 29.2        | 80         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 35.2          | 35.2         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 21:30 | 29.0        | 29.2       | 28.9        | 80         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.0          | 34.9          | 34.9         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 21:45 | 29.0        | 29.0       | 28.9        | 80         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.0          | 34.9          | 34.9         | ---           | 1004.7 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 22:00 | 29.0        | 29.0       | 28.9        | 79         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.0          | 34.7          | 34.7         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 22:15 | 29.2        | 29.2       | 29.0        | 79         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 35.2          | 35.2         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 22:30 | 29.2        | 29.3       | 29.2        | 80         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 35.2          | 35.2         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 22:45 | 29.1        | 29.2       | 29.0        | 80         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 35.1          | 35.1         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 23:00 | 29.0        | 29.0       | 28.9        | 80         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.0          | 34.9          | 34.9         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 23:15 | 29.1        | 29.1       | 28.9        | 80         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 35.1          | 35.1         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 23:30 | 29.0        | 29.1       | 29.0        | 78         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.0          | 34.6          | 34.6         | ---           | 1004.7 | 0.00 | 0.0          | 0             | 0.00            |
| 19-06-23 | 23:45 | 29.1        | 29.1       | 29.0        | 78         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 34.7          | 34.7         | ---           | 1004.7 | 0.00 | 0.0          | 7             | 0.15            |
| 20-06-23 | 00:00 | 29.2        | 29.2       | 29.0        | 77         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 34.8          | 34.8         | ---           | 1005.3 | 0.00 | 0.0          | 22            | 0.47            |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 20-06-23 | 0:15  | 29.4        | 29.4       | 29.2        | 77         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.1          | 35.1         | ---           | 1005.7 | 0.00 | 0.0          | 42            | 0.90            |
| 20-06-23 | 0:30  | 29.4        | 29.5       | 29.3        | 76         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.0          | 35.0         | ---           | 1006.2 | 0.00 | 0.0          | 65            | 1.40            |
| 20-06-23 | 0:45  | 29.3        | 29.5       | 29.3        | 77         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 34.9          | 34.9         | ---           | 1006.3 | 0.00 | 0.0          | 83            | 1.78            |
| 20-06-23 | 1:00  | 29.3        | 29.4       | 29.3        | 78         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 35.2          | 35.2         | ---           | 1006.4 | 0.00 | 0.0          | 99            | 2.13            |
| 20-06-23 | 1:15  | 29.4        | 29.4       | 29.3        | 77         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.2          | 35.2         | ---           | 1006.4 | 0.00 | 0.0          | 114           | 2.45            |
| 20-06-23 | 1:30  | 29.6        | 29.6       | 29.4        | 77         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.6          | 35.6         | ---           | 1006.5 | 0.00 | 0.0          | 136           | 2.92            |
| 20-06-23 | 1:45  | 29.8        | 29.8       | 29.6        | 76         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 35.8          | 35.8         | ---           | 1006.8 | 0.00 | 0.0          | 171           | 3.68            |
| 20-06-23 | 2:00  | 30.1        | 30.1       | 29.8        | 75         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.4          | 36.4         | ---           | 1007.2 | 0.00 | 0.0          | 192           | 4.13            |
| 20-06-23 | 2:15  | 30.2        | 30.2       | 30.1        | 73         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 36.3          | 36.3         | ---           | 1007.1 | 0.00 | 0.0          | 210           | 4.52            |
| 20-06-23 | 2:30  | 30.3        | 30.4       | 30.2        | 73         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.6          | 36.6         | ---           | 1007.1 | 0.00 | 0.0          | 243           | 5.23            |
| 20-06-23 | 2:45  | 30.4        | 30.4       | 30.3        | 73         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 36.7          | 36.7         | ---           | 1007.1 | 0.00 | 0.0          | 278           | 5.98            |
| 20-06-23 | 3:00  | 30.6        | 30.6       | 30.4        | 73         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.1          | 37.1         | ---           | 1007.1 | 0.00 | 0.0          | 314           | 6.75            |
| 20-06-23 | 3:15  | 30.9        | 30.9       | 30.5        | 72         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.9          | 37.4          | 37.4         | ---           | 1007.2 | 0.00 | 0.0          | 368           | 7.91            |
| 20-06-23 | 3:30  | 31.3        | 31.3       | 30.9        | 72         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 38.3          | 38.3         | ---           | 1007.0 | 0.00 | 0.0          | 454           | 9.76            |
| 20-06-23 | 3:45  | 31.6        | 31.6       | 31.3        | 69         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 38.4          | 38.4         | ---           | 1006.9 | 0.00 | 0.0          | 485           | 10.43           |
| 20-06-23 | 4:00  | 31.7        | 31.7       | 31.5        | 70         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.7          | 39.2          | 39.2         | ---           | 1006.7 | 0.00 | 0.0          | 556           | 11.96           |
| 20-06-23 | 4:15  | 32.0        | 32.0       | 31.7        | 68         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.0          | 39.6          | 39.6         | ---           | 1006.7 | 0.00 | 0.0          | 556           | 11.96           |
| 20-06-23 | 4:30  | 32.3        | 32.3       | 32.0        | 67         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.3          | 40.3          | 40.3         | ---           | 1006.4 | 0.00 | 0.0          | 627           | 13.48           |
| 20-06-23 | 4:45  | 32.7        | 32.8       | 32.4        | 65         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.7          | 40.6          | 40.6         | ---           | 1006.4 | 0.00 | 0.0          | 739           | 15.89           |
| 20-06-23 | 5:00  | 33.0        | 33.1       | 32.7        | 65         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.0          | 41.6          | 41.6         | ---           | 1006.4 | 0.00 | 0.0          | 812           | 17.46           |
| 20-06-23 | 5:15  | 33.2        | 33.2       | 32.9        | 65         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.2          | 42.2          | 42.2         | ---           | 1006.2 | 0.00 | 0.0          | 703           | 15.12           |
| 20-06-23 | 5:30  | 33.4        | 33.5       | 33.2        | 63         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.4          | 42.1          | 42.1         | ---           | 1006.0 | 0.00 | 0.0          | 770           | 16.56           |
| 20-06-23 | 5:45  | 33.6        | 33.6       | 33.4        | 64         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.6          | 42.8          | 42.8         | ---           | 1006.0 | 0.00 | 0.0          | 815           | 17.52           |
| 20-06-23 | 6:00  | 33.9        | 34.0       | 33.6        | 62         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.9          | 43.1          | 43.1         | ---           | 1005.7 | 0.00 | 0.0          | 806           | 17.33           |
| 20-06-23 | 6:15  | 34.1        | 34.1       | 33.9        | 62         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.1          | 43.6          | 43.6         | ---           | 1005.4 | 0.00 | 0.0          | 818           | 17.59           |
| 20-06-23 | 6:30  | 34.7        | 34.7       | 34.1        | 60         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 44.4          | 44.4         | ---           | 1005.1 | 0.00 | 0.0          | 861           | 18.51           |
| 20-06-23 | 6:45  | 34.7        | 34.7       | 34.6        | 60         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 44.4          | 44.4         | ---           | 1004.7 | 0.00 | 0.0          | 851           | 18.30           |
| 20-06-23 | 7:00  | 35.0        | 35.0       | 34.7        | 59         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.0          | 45.0          | 45.0         | ---           | 1004.4 | 0.00 | 0.0          | 759           | 16.32           |
| 20-06-23 | 7:15  | 35.2        | 35.2       | 35.0        | 57         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.2          | 44.7          | 44.7         | ---           | 1004.2 | 0.00 | 0.0          | 696           | 14.97           |
| 20-06-23 | 7:30  | 35.5        | 35.6       | 35.2        | 56         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 45.2          | 45.2         | ---           | 1004.0 | 0.00 | 0.0          | 830           | 17.85           |
| 20-06-23 | 7:45  | 35.5        | 35.6       | 35.5        | 56         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 45.2          | 45.2         | ---           | 1004.1 | 0.00 | 0.0          | 804           | 17.29           |
| 20-06-23 | 8:00  | 35.9        | 35.9       | 35.4        | 55         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 46.0          | 46.0         | ---           | 1003.7 | 0.00 | 0.0          | 729           | 15.68           |
| 20-06-23 | 8:15  | 35.8        | 35.9       | 35.7        | 56         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.1          | 46.1         | ---           | 1003.8 | 0.00 | 0.0          | 630           | 13.55           |
| 20-06-23 | 8:30  | 35.8        | 35.8       | 35.7        | 55         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 45.8          | 45.8         | ---           | 1003.6 | 0.00 | 0.0          | 670           | 14.41           |
| 20-06-23 | 8:45  | 35.9        | 35.9       | 35.8        | 54         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 45.4          | 45.4         | ---           | 1003.2 | 0.00 | 0.0          | 648           | 13.93           |
| 20-06-23 | 9:00  | 36.2        | 36.2       | 35.9        | 54         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.2          | 46.2          | 46.2         | ---           | 1003.1 | 0.00 | 0.0          | 649           | 13.96           |
| 20-06-23 | 9:15  | 36.2        | 36.2       | 36.1        | 54         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.2          | 46.2          | 46.2         | ---           | 1002.9 | 0.00 | 0.0          | 537           | 11.55           |
| 20-06-23 | 9:30  | 36.3        | 36.4       | 36.1        | 53         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.3          | 46.1          | 46.1         | ---           | 1002.6 | 0.00 | 0.0          | 597           | 12.84           |
| 20-06-23 | 9:45  | 36.5        | 36.5       | 36.3        | 53         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.5          | 46.6          | 46.6         | ---           | 1002.5 | 0.00 | 0.0          | 619           | 13.31           |
| 20-06-23 | 10:00 | 36.4        | 36.7       | 36.4        | 53         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.4          | 46.4          | 46.4         | ---           | 1002.4 | 0.00 | 0.0          | 337           | 7.25            |
| 20-06-23 | 10:15 | 36.1        | 36.4       | 36.1        | 54         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 46.1          | 46.1         | ---           | 1002.4 | 0.00 | 0.0          | 306           | 6.58            |
| 20-06-23 | 10:30 | 36.1        | 36.3       | 36.0        | 54         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 45.9          | 45.9         | ---           | 1002.4 | 0.00 | 0.0          | 238           | 5.12            |
| 20-06-23 | 10:45 | 35.9        | 36.1       | 35.9        | 55         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 46.2          | 46.2         | ---           | 1002.5 | 0.00 | 0.0          | 185           | 3.98            |
| 20-06-23 | 11:00 | 35.8        | 35.9       | 35.8        | 55         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 45.8          | 45.8         | ---           | 1002.4 | 0.00 | 0.0          | 111           | 2.39            |
| 20-06-23 | 11:15 | 35.8        | 35.9       | 35.8        | 56         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.3          | 46.3         | ---           | 1002.6 | 0.00 | 0.0          | 95            | 2.04            |
| 20-06-23 | 11:30 | 36.1        | 36.1       | 35.8        | 56         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 47.0          | 47.0         | ---           | 1002.7 | 0.00 | 0.0          | 174           | 3.74            |
| 20-06-23 | 11:45 | 35.9        | 36.1       | 35.9        | 56         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 46.4          | 46.4         | ---           | 1002.9 | 0.00 | 0.0          | 121           | 2.60            |
| 20-06-23 | 12:00 | 35.6        | 35.9       | 35.6        | 56         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 45.6          | 45.6         | ---           | 1003.1 | 0.00 | 0.0          | 55            | 1.18            |
| 20-06-23 | 12:15 | 35.6        | 35.7       | 35.6        | 56         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 45.6          | 45.6         | ---           | 1003.2 | 0.00 | 0.0          | 25            | 0.54            |
| 20-06-23 | 12:30 | 35.5        | 35.6       | 35.5        | 56         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 45.2          | 45.2         | ---           | 1003.5 | 0.00 | 0.0          | 6             | 0.13            |
| 20-06-23 | 12:45 | 34.8        | 35.6       | 34.8        | 59         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 44.5          | 44.5         | ---           | 1003.7 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 13:00 | 34.6        | 34.9       | 34.6        | 60         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.6          | 44.1          | 44.1         | ---           | 1003.9 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 13:15 | 34.7        | 34.7       | 34.6        | 59         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 44.0          | 44.0         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |

SPAV 20-06-23

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 20-06-23 | 13:30 | 34.7        | 34.7       | 34.7        | 59         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.7          | 44.0          | 44.0         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 13:45 | 34.6        | 34.7       | 34.6        | 61         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.6          | 44.6          | 44.6         | ---           | 1004.5 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 14:00 | 34.2        | 34.6       | 34.2        | 62         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.2          | 43.8          | 43.8         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 14:15 | 34.1        | 34.2       | 34.1        | 63         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.1          | 43.9          | 43.9         | ---           | 1005.1 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 14:30 | 33.3        | 34.1       | 33.3        | 68         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.3          | 43.8          | 43.8         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 14:45 | 32.7        | 33.3       | 32.7        | 70         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.7          | 42.6          | 42.6         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 15:00 | 32.3        | 32.8       | 32.3        | 73         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.3          | 42.6          | 42.6         | ---           | 1006.0 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 15:15 | 31.9        | 32.3       | 31.8        | 76         | 27.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.9          | 42.1          | 42.1         | ---           | 1006.3 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 15:30 | 31.5        | 31.9       | 31.5        | 78         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 41.3          | 41.3         | ---           | 1006.5 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 15:45 | 31.3        | 31.5       | 31.3        | 79         | 27.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 40.9          | 40.9         | ---           | 1006.6 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 16:00 | 31.2        | 31.3       | 31.2        | 79         | 27.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 40.4          | 40.4         | ---           | 1006.6 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 16:15 | 31.3        | 31.3       | 31.2        | 79         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 40.7          | 40.7         | ---           | 1006.9 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 16:30 | 31.1        | 31.3       | 31.1        | 80         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 40.1          | 40.1         | ---           | 1007.1 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 16:45 | 30.9        | 31.1       | 30.9        | 81         | 27.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.9          | 40.3          | 40.3         | ---           | 1007.1 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 17:00 | 30.8        | 30.9       | 30.7        | 81         | 27.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 39.8          | 39.8         | ---           | 1007.0 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 17:15 | 30.7        | 30.8       | 30.7        | 82         | 27.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 40.1          | 40.1         | ---           | 1007.1 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 17:30 | 30.7        | 30.7       | 30.6        | 82         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 39.9          | 39.9         | ---           | 1007.0 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 17:45 | 30.6        | 30.7       | 30.6        | 83         | 27.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 40.2          | 40.2         | ---           | 1007.3 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 18:00 | 30.1        | 30.6       | 30.1        | 85         | 27.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 38.9          | 38.9         | ---           | 1006.9 | 1.27 | 22.1         | 0             | 0.00            |
| 20-06-23 | 18:15 | 29.7        | 30.1       | 29.7        | 86         | 27.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.7          | 38.0          | 38.0         | ---           | 1006.7 | 0.00 | 1.0          | 0             | 0.00            |
| 20-06-23 | 18:30 | 29.5        | 29.7       | 29.5        | 85         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.5          | 37.1          | 37.1         | ---           | 1006.9 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 18:45 | 29.6        | 29.6       | 29.4        | 85         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 37.2          | 37.2         | ---           | 1006.9 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 19:00 | 29.7        | 29.7       | 29.5        | 84         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.7          | 37.4          | 37.4         | ---           | 1006.7 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 19:15 | 29.8        | 29.8       | 29.7        | 84         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 37.6          | 37.6         | ---           | 1006.8 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 19:30 | 29.8        | 29.8       | 29.8        | 83         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 37.3          | 37.3         | ---           | 1006.5 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 19:45 | 29.8        | 29.9       | 29.8        | 83         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 37.4          | 37.4         | ---           | 1006.5 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 20:00 | 29.8        | 29.8       | 29.8        | 81         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.9          | 36.9         | ---           | 1006.4 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 20:15 | 30.2        | 30.2       | 29.8        | 76         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 36.9          | 36.9         | ---           | 1006.4 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 20:30 | 30.1        | 30.2       | 30.1        | 76         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.6          | 36.6         | ---           | 1006.3 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 20:45 | 29.8        | 30.1       | 29.8        | 77         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.0          | 36.0         | ---           | 1006.1 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 21:00 | 29.5        | 29.8       | 29.5        | 78         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.5          | 35.5          | 35.5         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 21:15 | 29.2        | 29.5       | 29.2        | 79         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 35.2          | 35.2         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 21:30 | 29.1        | 29.3       | 29.1        | 80         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 35.1          | 35.1         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 21:45 | 29.0        | 29.1       | 28.9        | 80         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.0          | 34.9          | 34.9         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 22:00 | 28.9        | 29.0       | 28.9        | 80         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.9          | 34.8          | 34.8         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 22:15 | 28.9        | 29.0       | 28.9        | 80         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.9          | 34.8          | 34.8         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 22:30 | 28.8        | 29.0       | 28.8        | 81         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.8          | 34.7          | 34.7         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 22:45 | 28.8        | 28.9       | 28.8        | 81         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.8          | 34.7          | 34.7         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 23:00 | 28.8        | 28.9       | 28.8        | 81         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.8          | 34.7          | 34.7         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 23:15 | 28.9        | 28.9       | 28.8        | 81         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.9          | 34.9          | 34.9         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 23:30 | 28.8        | 28.9       | 28.8        | 80         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.8          | 34.6          | 34.6         | ---           | 1005.7 | 0.00 | 0.0          | 0             | 0.00            |
| 20-06-23 | 23:45 | 28.8        | 28.8       | 28.8        | 81         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.8          | 34.7          | 34.7         | ---           | 1005.9 | 0.00 | 0.0          | 6             | 0.13            |
| 21-06-23 | 00:00 | 28.7        | 28.8       | 28.7        | 81         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.7          | 34.4          | 34.4         | ---           | 1006.1 | 0.00 | 0.0          | 24            | 0.52            |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 21-06-23 | 0:15  | 28.7        | 28.8       | 28.7        | 81         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.7          | 34.4          | 34.4         | ---           | 1006.2 | 0.00 | 0.0          | 47            | 1.01            |
| 21-06-23 | 0:30  | 28.7        | 28.8       | 28.7        | 81         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.7          | 34.4          | 34.4         | ---           | 1006.4 | 0.00 | 0.0          | 68            | 1.46            |
| 21-06-23 | 0:45  | 28.7        | 28.7       | 28.7        | 80         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.7          | 34.3          | 34.3         | ---           | 1006.7 | 0.00 | 0.0          | 95            | 2.04            |
| 21-06-23 | 1:00  | 29.1        | 29.1       | 28.7        | 80         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 35.1          | 35.1         | ---           | 1006.6 | 0.00 | 0.0          | 148           | 3.18            |
| 21-06-23 | 1:15  | 29.3        | 29.3       | 29.1        | 79         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 35.3          | 35.3         | ---           | 1006.7 | 0.00 | 0.0          | 208           | 4.47            |
| 21-06-23 | 1:30  | 29.5        | 29.5       | 29.2        | 79         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.5          | 35.7          | 35.7         | ---           | 1007.3 | 0.00 | 0.0          | 305           | 6.56            |
| 21-06-23 | 1:45  | 29.9        | 29.9       | 29.5        | 76         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.9          | 36.1          | 36.1         | ---           | 1007.3 | 0.00 | 0.0          | 368           | 7.91            |
| 21-06-23 | 2:00  | 30.1        | 30.1       | 29.9        | 76         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.6          | 36.6         | ---           | 1007.4 | 0.00 | 0.0          | 388           | 8.34            |
| 21-06-23 | 2:15  | 30.5        | 30.5       | 30.1        | 75         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.5          | 37.4          | 37.4         | ---           | 1007.2 | 0.00 | 0.0          | 392           | 8.43            |
| 21-06-23 | 2:30  | 30.7        | 30.7       | 30.4        | 73         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 37.4          | 37.4         | ---           | 1007.2 | 0.00 | 0.0          | 481           | 10.34           |
| 21-06-23 | 2:45  | 31.1        | 31.1       | 30.7        | 72         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 37.7          | 37.7         | ---           | 1007.2 | 0.00 | 0.0          | 559           | 12.02           |
| 21-06-23 | 3:00  | 31.2        | 31.2       | 31.1        | 72         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 38.2          | 38.2         | ---           | 1007.2 | 0.00 | 0.0          | 573           | 12.32           |
| 21-06-23 | 3:15  | 31.5        | 31.6       | 31.2        | 69         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 38.2          | 38.2         | ---           | 1007.3 | 0.00 | 0.0          | 602           | 12.94           |
| 21-06-23 | 3:30  | 31.6        | 31.6       | 31.4        | 69         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 38.4          | 38.4         | ---           | 1007.3 | 0.00 | 0.0          | 608           | 13.07           |
| 21-06-23 | 3:45  | 31.9        | 31.9       | 31.6        | 69         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.9          | 39.5          | 39.5         | ---           | 1007.1 | 0.00 | 0.0          | 696           | 14.97           |
| 21-06-23 | 4:00  | 32.1        | 32.1       | 31.8        | 67         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.1          | 39.6          | 39.6         | ---           | 1007.0 | 0.00 | 0.0          | 772           | 16.60           |
| 21-06-23 | 4:15  | 32.3        | 32.4       | 32.1        | 66         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.3          | 40.0          | 40.0         | ---           | 1007.0 | 0.00 | 0.0          | 787           | 16.92           |
| 21-06-23 | 4:30  | 32.4        | 32.5       | 32.3        | 66         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.4          | 40.3          | 40.3         | ---           | 1006.9 | 0.00 | 0.0          | 797           | 17.14           |
| 21-06-23 | 4:45  | 32.8        | 32.8       | 32.5        | 66         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.8          | 41.4          | 41.4         | ---           | 1006.7 | 0.00 | 0.0          | 844           | 18.15           |
| 21-06-23 | 5:00  | 32.9        | 32.9       | 32.7        | 66         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.9          | 41.8          | 41.8         | ---           | 1006.6 | 0.00 | 0.0          | 863           | 18.56           |
| 21-06-23 | 5:15  | 33.1        | 33.1       | 32.9        | 66         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.1          | 42.1          | 42.1         | ---           | 1006.5 | 0.00 | 0.0          | 874           | 18.79           |
| 21-06-23 | 5:30  | 33.3        | 33.3       | 33.1        | 65         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.3          | 42.4          | 42.4         | ---           | 1006.3 | 0.00 | 0.0          | 887           | 19.07           |
| 21-06-23 | 5:45  | 33.4        | 33.5       | 33.2        | 64         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.4          | 42.5          | 42.5         | ---           | 1006.1 | 0.00 | 0.0          | 887           | 19.07           |
| 21-06-23 | 6:00  | 33.4        | 33.4       | 33.2        | 64         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.4          | 42.3          | 42.3         | ---           | 1005.9 | 0.00 | 0.0          | 903           | 19.42           |
| 21-06-23 | 6:15  | 33.5        | 33.6       | 33.3        | 64         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.5          | 42.7          | 42.7         | ---           | 1005.6 | 0.00 | 0.0          | 907           | 19.50           |
| 21-06-23 | 6:30  | 33.7        | 33.9       | 33.5        | 63         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.7          | 42.9          | 42.9         | ---           | 1005.3 | 0.00 | 0.0          | 905           | 19.46           |
| 21-06-23 | 6:45  | 34.3        | 34.3       | 33.7        | 63         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.3          | 44.6          | 44.6         | ---           | 1005.3 | 0.00 | 0.0          | 903           | 19.42           |
| 21-06-23 | 7:00  | 34.4        | 34.4       | 34.2        | 62         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.4          | 44.5          | 44.5         | ---           | 1005.0 | 0.00 | 0.0          | 889           | 19.12           |
| 21-06-23 | 7:15  | 34.8        | 34.9       | 34.4        | 60         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 44.8          | 44.8         | ---           | 1004.7 | 0.00 | 0.0          | 876           | 18.84           |
| 21-06-23 | 7:30  | 34.9        | 34.9       | 34.7        | 60         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.9          | 45.1          | 45.1         | ---           | 1004.5 | 0.00 | 0.0          | 868           | 18.66           |
| 21-06-23 | 7:45  | 35.3        | 35.3       | 34.8        | 59         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.3          | 45.9          | 45.9         | ---           | 1004.1 | 0.00 | 0.0          | 846           | 18.19           |
| 21-06-23 | 8:00  | 35.2        | 35.3       | 35.1        | 58         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.2          | 45.3          | 45.3         | ---           | 1004.0 | 0.00 | 0.0          | 793           | 17.05           |
| 21-06-23 | 8:15  | 35.6        | 35.6       | 35.1        | 58         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 46.3          | 46.3         | ---           | 1003.7 | 0.00 | 0.0          | 767           | 16.49           |
| 21-06-23 | 8:30  | 35.5        | 35.6       | 35.3        | 58         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 46.2          | 46.2         | ---           | 1003.5 | 0.00 | 0.0          | 720           | 15.48           |
| 21-06-23 | 8:45  | 35.8        | 35.8       | 35.5        | 57         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.6          | 46.6         | ---           | 1003.4 | 0.00 | 0.0          | 702           | 15.09           |
| 21-06-23 | 9:00  | 35.9        | 36.0       | 35.6        | 57         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 47.2          | 47.2         | ---           | 1003.2 | 0.00 | 0.0          | 622           | 13.37           |
| 21-06-23 | 9:15  | 35.8        | 36.2       | 35.8        | 57         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.8          | 46.8         | ---           | 1002.9 | 0.00 | 0.0          | 484           | 10.41           |
| 21-06-23 | 9:30  | 35.8        | 35.9       | 35.8        | 57         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.6          | 46.6         | ---           | 1003.0 | 0.00 | 0.0          | 495           | 10.64           |
| 21-06-23 | 9:45  | 35.8        | 35.9       | 35.8        | 56         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.3          | 46.3         | ---           | 1002.8 | 0.00 | 0.0          | 483           | 10.39           |
| 21-06-23 | 10:00 | 35.8        | 36.0       | 35.8        | 57         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.6          | 46.6         | ---           | 1002.7 | 0.00 | 0.0          | 462           | 9.93            |
| 21-06-23 | 10:15 | 35.8        | 36.0       | 35.7        | 57         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.6          | 46.6         | ---           | 1002.6 | 0.00 | 0.0          | 310           | 6.67            |
| 21-06-23 | 10:30 | 35.6        | 35.8       | 35.6        | 57         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 46.1          | 46.1         | ---           | 1002.7 | 0.00 | 0.0          | 219           | 4.71            |
| 21-06-23 | 10:45 | 35.8        | 35.8       | 35.6        | 58         | 26.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 47.3          | 47.3         | ---           | 1002.7 | 0.00 | 0.0          | 187           | 4.02            |
| 21-06-23 | 11:00 | 36.1        | 36.1       | 35.8        | 57         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 47.7          | 47.7         | ---           | 1002.8 | 0.00 | 0.0          | 275           | 5.91            |
| 21-06-23 | 11:15 | 36.0        | 36.2       | 35.9        | 57         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.0          | 47.3          | 47.3         | ---           | 1002.9 | 0.00 | 0.0          | 196           | 4.21            |
| 21-06-23 | 11:30 | 35.9        | 36.1       | 35.9        | 57         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 47.2          | 47.2         | ---           | 1002.9 | 0.00 | 0.0          | 117           | 2.52            |
| 21-06-23 | 11:45 | 35.5        | 35.9       | 35.5        | 58         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 46.2          | 46.2         | ---           | 1003.0 | 0.00 | 0.0          | 39            | 0.84            |
| 21-06-23 | 12:00 | 35.6        | 35.6       | 35.5        | 57         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 45.9          | 45.9         | ---           | 1003.2 | 0.00 | 0.0          | 42            | 0.90            |
| 21-06-23 | 12:15 | 35.6        | 35.6       | 35.6        | 58         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 46.3          | 46.3         | ---           | 1003.2 | 0.00 | 0.0          | 21            | 0.45            |
| 21-06-23 | 12:30 | 35.5        | 35.6       | 35.5        | 58         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 46.2          | 46.2         | ---           | 1003.4 | 0.00 | 0.0          | 8             | 0.17            |
| 21-06-23 | 12:45 | 35.3        | 35.5       | 35.3        | 59         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.3          | 46.1          | 46.1         | ---           | 1003.7 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 13:00 | 35.2        | 35.3       | 35.1        | 59         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.2          | 45.6          | 45.6         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 13:15 | 34.9        | 35.2       | 34.9        | 61         | 26.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.9          | 45.8          | 45.8         | ---           | 1003.9 | 0.00 | 0.0          | 0             | 0.00            |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 21-06-23 | 13:30 | 34.2        | 35.0       | 34.2        | 66         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.2          | 45.7          | 45.7         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 13:45 | 33.8        | 34.2       | 33.8        | 66         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.8          | 44.4          | 44.4         | ---           | 1004.6 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 14:00 | 33.5        | 33.8       | 33.5        | 68         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.5          | 44.3          | 44.3         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 14:15 | 32.7        | 33.5       | 32.7        | 72         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.7          | 43.6          | 43.6         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 14:30 | 32.4        | 32.7       | 32.3        | 73         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.4          | 42.8          | 42.8         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 14:45 | 32.2        | 32.4       | 32.2        | 73         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.2          | 42.2          | 42.2         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 15:00 | 32.0        | 32.3       | 32.0        | 74         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.0          | 41.8          | 41.8         | ---           | 1005.7 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 15:15 | 31.9        | 32.0       | 31.9        | 74         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.9          | 41.6          | 41.6         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 15:30 | 31.8        | 31.9       | 31.8        | 74         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 40.9          | 40.9         | ---           | 1006.0 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 15:45 | 31.8        | 31.8       | 31.7        | 75         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 41.3          | 41.3         | ---           | 1006.0 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 16:00 | 31.6        | 31.8       | 31.6        | 75         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 40.6          | 40.6         | ---           | 1006.1 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 16:15 | 31.6        | 31.7       | 31.6        | 75         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 40.6          | 40.6         | ---           | 1006.2 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 16:30 | 31.5        | 31.6       | 31.4        | 76         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 40.6          | 40.6         | ---           | 1006.3 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 16:45 | 31.3        | 31.5       | 31.3        | 76         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 39.6          | 39.6         | ---           | 1006.4 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 17:00 | 31.1        | 31.3       | 31.1        | 77         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 39.1          | 39.1         | ---           | 1006.2 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 17:15 | 31.1        | 31.1       | 31.0        | 78         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 39.4          | 39.4         | ---           | 1006.1 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 17:30 | 30.8        | 31.1       | 30.8        | 79         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 39.3          | 39.3         | ---           | 1006.1 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 17:45 | 30.7        | 30.8       | 30.6        | 80         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 39.2          | 39.2         | ---           | 1006.2 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 18:00 | 30.8        | 30.8       | 30.7        | 80         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 39.6          | 39.6         | ---           | 1005.9 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 18:15 | 30.6        | 30.8       | 30.6        | 81         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 39.3          | 39.3         | ---           | 1006.1 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 18:30 | 30.6        | 30.6       | 30.6        | 82         | 27.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 39.7          | 39.7         | ---           | 1006.1 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 18:45 | 30.5        | 30.6       | 30.4        | 81         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.5          | 39.1          | 39.1         | ---           | 1005.9 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 19:00 | 30.8        | 30.9       | 30.6        | 77         | 26.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 38.6          | 38.6         | ---           | 1005.9 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 19:15 | 30.1        | 30.8       | 30.1        | 78         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.9          | 36.9         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 19:30 | 30.2        | 30.2       | 29.9        | 77         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 37.0          | 37.0         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 19:45 | 30.3        | 30.3       | 30.2        | 74         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.8          | 36.8         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 20:00 | 30.3        | 30.4       | 30.3        | 74         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.8          | 36.8         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 20:15 | 30.1        | 30.3       | 30.1        | 75         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.4          | 36.4         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 20:30 | 29.7        | 30.2       | 29.7        | 77         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.7          | 35.8          | 35.8         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 20:45 | 29.6        | 29.7       | 29.6        | 77         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.4          | 35.4         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 21:00 | 29.4        | 29.6       | 29.4        | 77         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.2          | 35.2         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 21:15 | 29.3        | 29.4       | 29.3        | 77         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 34.9          | 34.9         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 21:30 | 29.4        | 29.4       | 29.3        | 77         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.1          | 35.1         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 21:45 | 29.4        | 29.4       | 29.3        | 77         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.1          | 35.1         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 22:00 | 29.4        | 29.4       | 29.4        | 76         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 35.0          | 35.0         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 22:15 | 29.3        | 29.4       | 29.3        | 77         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 34.8          | 34.8         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 22:30 | 29.3        | 29.3       | 29.2        | 76         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 34.8          | 34.8         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 22:45 | 29.3        | 29.4       | 29.3        | 75         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 34.6          | 34.6         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 23:00 | 29.3        | 29.3       | 29.3        | 75         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 34.6          | 34.6         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 23:15 | 29.3        | 29.3       | 29.3        | 75         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.3          | 34.4          | 34.4         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 23:30 | 29.2        | 29.3       | 29.2        | 75         | 24.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 34.2          | 34.2         | ---           | 1006.0 | 0.00 | 0.0          | 0             | 0.00            |
| 21-06-23 | 23:45 | 29.1        | 29.2       | 29.1        | 75         | 24.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 34.2          | 34.2         | ---           | 1006.4 | 0.00 | 0.0          | 7             | 0.15            |
| 22-06-23 | 00:00 | 29.2        | 29.2       | 29.1        | 75         | 24.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.2          | 34.2          | 34.2         | ---           | 1006.5 | 0.00 | 0.0          | 27            | 0.58            |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 22-06-23 | 0:15  | 29.1        | 29.2       | 29.0        | 76         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 34.2          | 34.2         | ---           | 1006.5 | 0.00 | 0.0          | 53            | 1.14            |
| 22-06-23 | 0:30  | 29.1        | 29.2       | 29.0        | 76         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.1          | 34.3          | 34.3         | ---           | 1006.6 | 0.00 | 0.0          | 93            | 2.00            |
| 22-06-23 | 0:45  | 29.4        | 29.4       | 29.1        | 75         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.4          | 34.7          | 34.7         | ---           | 1006.7 | 0.00 | 0.0          | 126           | 2.71            |
| 22-06-23 | 1:00  | 29.6        | 29.7       | 29.4        | 74         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.0          | 35.0         | ---           | 1006.7 | 0.00 | 0.0          | 176           | 3.78            |
| 22-06-23 | 1:15  | 30.0        | 30.0       | 29.6        | 72         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.0          | 35.6          | 35.6         | ---           | 1006.8 | 0.00 | 0.0          | 240           | 5.16            |
| 22-06-23 | 1:30  | 30.1        | 30.1       | 29.9        | 72         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 35.8          | 35.8         | ---           | 1006.9 | 0.00 | 0.0          | 315           | 6.77            |
| 22-06-23 | 1:45  | 30.1        | 30.2       | 30.0        | 73         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 35.9          | 35.9         | ---           | 1007.0 | 0.00 | 0.0          | 357           | 7.68            |
| 22-06-23 | 2:00  | 30.3        | 30.3       | 30.0        | 72         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.3          | 36.3         | ---           | 1007.2 | 0.00 | 0.0          | 391           | 8.41            |
| 22-06-23 | 2:15  | 30.6        | 30.6       | 30.3        | 71         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 36.6          | 36.6         | ---           | 1007.3 | 0.00 | 0.0          | 420           | 9.03            |
| 22-06-23 | 2:30  | 30.9        | 30.9       | 30.6        | 69         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.9          | 36.7          | 36.7         | ---           | 1007.3 | 0.00 | 0.0          | 476           | 10.24           |
| 22-06-23 | 2:45  | 31.2        | 31.2       | 30.8        | 69         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 37.2          | 37.2         | ---           | 1007.4 | 0.00 | 0.0          | 552           | 11.87           |
| 22-06-23 | 3:00  | 31.5        | 31.6       | 31.1        | 68         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 37.9          | 37.9         | ---           | 1007.5 | 0.00 | 0.0          | 572           | 12.30           |
| 22-06-23 | 3:15  | 31.6        | 31.6       | 31.5        | 66         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 37.6          | 37.6         | ---           | 1007.5 | 0.00 | 0.0          | 529           | 11.37           |
| 22-06-23 | 3:30  | 31.8        | 31.8       | 31.6        | 66         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 38.2          | 38.2         | ---           | 1007.4 | 0.00 | 0.0          | 560           | 12.04           |
| 22-06-23 | 3:45  | 31.9        | 32.0       | 31.8        | 66         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.9          | 38.8          | 38.8         | ---           | 1007.2 | 0.00 | 0.0          | 630           | 13.55           |
| 22-06-23 | 4:00  | 32.4        | 32.4       | 31.9        | 65         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.4          | 39.8          | 39.8         | ---           | 1007.1 | 0.00 | 0.0          | 737           | 15.85           |
| 22-06-23 | 4:15  | 32.8        | 32.9       | 32.4        | 64         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.8          | 40.7          | 40.7         | ---           | 1007.1 | 0.00 | 0.0          | 757           | 16.28           |
| 22-06-23 | 4:30  | 33.1        | 33.1       | 32.8        | 63         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.1          | 40.9          | 40.9         | ---           | 1006.9 | 0.00 | 0.0          | 759           | 16.32           |
| 22-06-23 | 4:45  | 33.4        | 33.4       | 33.1        | 62         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.4          | 41.5          | 41.5         | ---           | 1006.7 | 0.00 | 0.0          | 767           | 16.49           |
| 22-06-23 | 5:00  | 33.5        | 33.6       | 33.4        | 61         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.5          | 41.4          | 41.4         | ---           | 1006.7 | 0.00 | 0.0          | 735           | 15.80           |
| 22-06-23 | 5:15  | 33.7        | 33.8       | 33.5        | 60         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.7          | 41.4          | 41.4         | ---           | 1006.5 | 0.00 | 0.0          | 720           | 15.48           |
| 22-06-23 | 5:30  | 33.8        | 33.8       | 33.7        | 60         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.8          | 41.7          | 41.7         | ---           | 1006.3 | 0.00 | 0.0          | 771           | 16.58           |
| 22-06-23 | 5:45  | 34.0        | 34.1       | 33.7        | 60         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.0          | 42.4          | 42.4         | ---           | 1006.0 | 0.00 | 0.0          | 781           | 16.79           |
| 22-06-23 | 6:00  | 34.4        | 34.5       | 34.0        | 57         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.4          | 42.6          | 42.6         | ---           | 1005.7 | 0.00 | 0.0          | 854           | 18.36           |
| 22-06-23 | 6:15  | 34.4        | 34.6       | 34.4        | 58         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.4          | 42.9          | 42.9         | ---           | 1005.6 | 0.00 | 0.0          | 746           | 16.04           |
| 22-06-23 | 6:30  | 34.6        | 34.6       | 34.4        | 58         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.6          | 43.4          | 43.4         | ---           | 1005.5 | 0.00 | 0.0          | 894           | 19.22           |
| 22-06-23 | 6:45  | 34.9        | 34.9       | 34.7        | 57         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.9          | 43.8          | 43.8         | ---           | 1005.2 | 0.00 | 0.0          | 810           | 17.42           |
| 22-06-23 | 7:00  | 34.8        | 34.9       | 34.8        | 57         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 43.6          | 43.6         | ---           | 1005.1 | 0.00 | 0.0          | 713           | 15.33           |
| 22-06-23 | 7:15  | 35.0        | 35.1       | 34.8        | 57         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.0          | 44.2          | 44.2         | ---           | 1004.8 | 0.00 | 0.0          | 745           | 16.02           |
| 22-06-23 | 7:30  | 35.3        | 35.4       | 35.0        | 56         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.3          | 44.7          | 44.7         | ---           | 1004.5 | 0.00 | 0.0          | 722           | 15.53           |
| 22-06-23 | 7:45  | 35.4        | 35.5       | 35.3        | 55         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.4          | 44.6          | 44.6         | ---           | 1004.3 | 0.00 | 0.0          | 758           | 16.30           |
| 22-06-23 | 8:00  | 35.6        | 35.8       | 35.4        | 56         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 45.4          | 45.4         | ---           | 1004.0 | 0.00 | 0.0          | 770           | 16.56           |
| 22-06-23 | 8:15  | 36.3        | 36.3       | 35.4        | 55         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.3          | 47.2          | 47.2         | ---           | 1003.6 | 0.00 | 0.0          | 741           | 15.93           |
| 22-06-23 | 8:30  | 35.9        | 36.3       | 35.8        | 54         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 45.4          | 45.4         | ---           | 1003.4 | 0.00 | 0.0          | 735           | 15.80           |
| 22-06-23 | 8:45  | 36.1        | 36.2       | 35.8        | 54         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 46.1          | 46.1         | ---           | 1003.1 | 0.00 | 0.0          | 727           | 15.63           |
| 22-06-23 | 9:00  | 36.3        | 36.3       | 36.1        | 53         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.3          | 46.1          | 46.1         | ---           | 1002.6 | 0.00 | 0.0          | 687           | 14.77           |
| 22-06-23 | 9:15  | 36.4        | 36.4       | 36.3        | 52         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.4          | 45.7          | 45.7         | ---           | 1002.4 | 0.00 | 0.0          | 562           | 12.08           |
| 22-06-23 | 9:30  | 36.6        | 36.6       | 36.3        | 53         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.6          | 46.8          | 46.8         | ---           | 1002.1 | 0.00 | 0.0          | 579           | 12.45           |
| 22-06-23 | 9:45  | 36.7        | 36.8       | 36.6        | 53         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.7          | 47.3          | 47.3         | ---           | 1002.0 | 0.00 | 0.0          | 566           | 12.17           |
| 22-06-23 | 10:00 | 36.5        | 36.7       | 36.4        | 52         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.5          | 45.9          | 45.9         | ---           | 1001.7 | 0.00 | 0.0          | 488           | 10.49           |
| 22-06-23 | 10:15 | 36.6        | 36.7       | 36.4        | 52         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.6          | 46.3          | 46.3         | ---           | 1001.6 | 0.00 | 0.0          | 390           | 8.39            |
| 22-06-23 | 10:30 | 36.7        | 36.7       | 36.6        | 51         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.7          | 45.8          | 45.8         | ---           | 1001.7 | 0.00 | 0.0          | 414           | 8.90            |
| 22-06-23 | 10:45 | 36.6        | 36.8       | 36.6        | 52         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.6          | 46.1          | 46.1         | ---           | 1001.8 | 0.00 | 0.0          | 365           | 7.85            |
| 22-06-23 | 11:00 | 36.4        | 36.6       | 36.4        | 53         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.4          | 46.4          | 46.4         | ---           | 1001.6 | 0.00 | 0.0          | 273           | 5.87            |
| 22-06-23 | 11:15 | 36.4        | 36.6       | 36.4        | 52         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.4          | 45.8          | 45.8         | ---           | 1001.7 | 0.00 | 0.0          | 227           | 4.88            |
| 22-06-23 | 11:30 | 36.6        | 36.7       | 36.4        | 53         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.6          | 46.8          | 46.8         | ---           | 1001.8 | 0.00 | 0.0          | 169           | 3.63            |
| 22-06-23 | 11:45 | 36.2        | 36.5       | 36.2        | 53         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.2          | 45.8          | 45.8         | ---           | 1002.0 | 0.00 | 0.0          | 91            | 1.96            |
| 22-06-23 | 12:00 | 36.1        | 36.2       | 36.1        | 53         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 45.4          | 45.4         | ---           | 1002.2 | 0.00 | 0.0          | 35            | 0.75            |
| 22-06-23 | 12:15 | 36.0        | 36.1       | 36.0        | 53         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.0          | 45.2          | 45.2         | ---           | 1002.4 | 0.00 | 0.0          | 22            | 0.47            |
| 22-06-23 | 12:30 | 35.9        | 36.0       | 35.9        | 54         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 45.4          | 45.4         | ---           | 1002.5 | 0.00 | 0.0          | 16            | 0.34            |
| 22-06-23 | 12:45 | 35.8        | 35.9       | 35.8        | 54         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 45.2          | 45.2         | ---           | 1002.8 | 0.00 | 0.0          | 3             | 0.06            |
| 22-06-23 | 13:00 | 35.8        | 35.8       | 35.7        | 54         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 45.1          | 45.1         | ---           | 1003.0 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 13:15 | 35.7        | 35.8       | 35.7        | 54         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.7          | 44.9          | 44.9         | ---           | 1003.2 | 0.00 | 0.0          | 0             | 0.00            |

SPAV 22-06-23

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 22-06-23 | 13:30 | 35.7        | 35.8       | 35.6        | 53         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.7          | 44.2          | 44.2         | ---           | 1003.3 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 13:45 | 35.7        | 35.7       | 35.6        | 53         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.7          | 44.2          | 44.2         | ---           | 1003.4 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 14:00 | 35.8        | 35.8       | 35.7        | 53         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 44.5          | 44.5         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 14:15 | 35.6        | 35.8       | 35.6        | 54         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.6          | 44.6          | 44.6         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 14:30 | 35.4        | 35.6       | 35.4        | 55         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.4          | 44.4          | 44.4         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 14:45 | 35.2        | 35.4       | 35.1        | 57         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.2          | 44.7          | 44.7         | ---           | 1004.3 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 15:00 | 33.8        | 35.1       | 33.8        | 63         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.8          | 43.2          | 43.2         | ---           | 1004.6 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 15:15 | 33.1        | 33.8       | 33.1        | 67         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.1          | 42.7          | 42.7         | ---           | 1004.7 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 15:30 | 32.8        | 33.2       | 32.8        | 69         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.8          | 42.6          | 42.6         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 15:45 | 32.6        | 32.8       | 32.6        | 70         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.6          | 42.1          | 42.1         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 16:00 | 32.4        | 32.6       | 32.4        | 71         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.4          | 42.2          | 42.2         | ---           | 1005.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 16:15 | 32.2        | 32.4       | 32.2        | 72         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.2          | 41.8          | 41.8         | ---           | 1005.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 16:30 | 32.1        | 32.3       | 32.1        | 72         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.1          | 41.2          | 41.2         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 16:45 | 31.9        | 32.1       | 31.9        | 74         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.9          | 41.3          | 41.3         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 17:00 | 31.8        | 31.9       | 31.8        | 75         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 41.3          | 41.3         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 17:15 | 31.5        | 31.8       | 31.4        | 77         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 40.9          | 40.9         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 17:30 | 31.3        | 31.5       | 31.3        | 79         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 40.7          | 40.7         | ---           | 1005.2 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 17:45 | 31.2        | 31.3       | 31.1        | 81         | 27.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 40.9          | 40.9         | ---           | 1005.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 18:00 | 31.1        | 31.2       | 31.1        | 81         | 27.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 40.7          | 40.7         | ---           | 1005.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 18:15 | 30.9        | 31.2       | 30.9        | 82         | 27.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.9          | 40.7          | 40.7         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 18:30 | 30.8        | 30.9       | 30.8        | 82         | 27.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 40.3          | 40.3         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 18:45 | 30.8        | 30.9       | 30.8        | 83         | 27.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 40.8          | 40.8         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 19:00 | 30.7        | 30.8       | 30.7        | 83         | 27.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 40.5          | 40.5         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 19:15 | 30.7        | 30.7       | 30.7        | 84         | 27.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 40.9          | 40.9         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 19:30 | 30.7        | 30.7       | 30.7        | 84         | 27.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 40.7          | 40.7         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 19:45 | 30.7        | 30.7       | 30.7        | 84         | 27.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 40.7          | 40.7         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 20:00 | 30.6        | 30.7       | 30.5        | 84         | 27.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 40.4          | 40.4         | ---           | 1004.6 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 20:15 | 30.6        | 30.6       | 30.4        | 84         | 27.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 40.4          | 40.4         | ---           | 1004.6 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 20:30 | 30.5        | 30.6       | 30.4        | 83         | 27.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.5          | 39.8          | 39.8         | ---           | 1004.5 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 20:45 | 30.4        | 30.5       | 30.3        | 83         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 39.4          | 39.4         | ---           | 1004.4 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 21:00 | 31.1        | 31.1       | 30.3        | 71         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 37.5          | 37.5         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 21:15 | 31.8        | 31.8       | 31.1        | 69         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 39.3          | 39.3         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 21:30 | 31.8        | 31.8       | 31.7        | 68         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 38.8          | 38.8         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 21:45 | 31.7        | 31.8       | 31.7        | 66         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.7          | 38.1          | 38.1         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 22:00 | 31.8        | 31.8       | 31.7        | 65         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 37.9          | 37.9         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 22:15 | 31.7        | 31.8       | 31.7        | 65         | 24.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.7          | 37.6          | 37.6         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 22:30 | 31.6        | 31.7       | 31.6        | 65         | 24.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.6          | 37.2          | 37.2         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 22:45 | 31.5        | 31.6       | 31.5        | 65         | 24.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 37.1          | 37.1         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 23:00 | 31.5        | 31.5       | 31.4        | 65         | 24.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 37.1          | 37.1         | ---           | 1004.5 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 23:15 | 31.5        | 31.6       | 31.5        | 65         | 24.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 37.1          | 37.1         | ---           | 1004.6 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 23:30 | 31.3        | 31.6       | 31.3        | 66         | 24.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 36.9          | 36.9         | ---           | 1004.7 | 0.00 | 0.0          | 0             | 0.00            |
| 22-06-23 | 23:45 | 31.2        | 31.3       | 31.2        | 66         | 24.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 36.4          | 36.4         | ---           | 1004.9 | 0.00 | 0.0          | 9             | 0.19            |
| 23-06-23 | 00:00 | 31.3        | 31.3       | 31.2        | 66         | 24.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 36.9          | 36.9         | ---           | 1004.9 | 0.00 | 0.0          | 26            | 0.56            |



| Date     | Time  | Temp Out | Hi Temp | Low Temp | Out Hum | Dew Pt. | Wind Speed | Wind Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW Index | THSW Index | Bar    | Rain | Rain Rate | Solar Rad. | Solar Energy |
|----------|-------|----------|---------|----------|---------|---------|------------|----------|----------|----------|--------|------------|------------|-----------|------------|--------|------|-----------|------------|--------------|
| 23-06-23 | 0:15  | 31.4     | 31.4    | 31.3     | 65      | 24.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.4       | 36.8       | 36.8      | ---        | 1005.1 | 0.00 | 0.0       | 65         | 1.40         |
| 23-06-23 | 0:30  | 31.5     | 31.5    | 31.4     | 65      | 24.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.5       | 37.1       | 37.1      | ---        | 1005.4 | 0.00 | 0.0       | 116        | 2.49         |
| 23-06-23 | 0:45  | 31.4     | 31.5    | 31.4     | 66      | 24.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.4       | 37.2       | 37.2      | ---        | 1005.7 | 0.00 | 0.0       | 169        | 3.63         |
| 23-06-23 | 1:00  | 31.5     | 31.5    | 31.4     | 65      | 24.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.5       | 37.1       | 37.1      | ---        | 1005.8 | 0.00 | 0.0       | 213        | 4.58         |
| 23-06-23 | 1:15  | 31.6     | 31.7    | 31.5     | 65      | 24.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.6       | 37.4       | 37.4      | ---        | 1006.0 | 0.00 | 0.0       | 258        | 5.55         |
| 23-06-23 | 1:30  | 31.7     | 31.7    | 31.6     | 65      | 24.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.7       | 37.6       | 37.6      | ---        | 1006.1 | 0.00 | 0.0       | 283        | 6.09         |
| 23-06-23 | 1:45  | 31.8     | 31.8    | 31.7     | 65      | 24.4    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.8       | 37.9       | 37.9      | ---        | 1006.2 | 0.00 | 0.0       | 359        | 7.72         |
| 23-06-23 | 2:00  | 31.9     | 31.9    | 31.8     | 64      | 24.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.9       | 38.2       | 38.2      | ---        | 1006.5 | 0.00 | 0.0       | 403        | 8.67         |
| 23-06-23 | 2:15  | 32.2     | 32.2    | 31.9     | 63      | 24.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 32.2       | 38.7       | 38.7      | ---        | 1006.6 | 0.00 | 0.0       | 460        | 9.89         |
| 23-06-23 | 2:30  | 32.2     | 32.3    | 32.2     | 63      | 24.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 32.2       | 38.5       | 38.5      | ---        | 1006.7 | 0.00 | 0.0       | 510        | 10.97        |
| 23-06-23 | 2:45  | 32.6     | 32.6    | 32.2     | 63      | 24.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 32.6       | 39.7       | 39.7      | ---        | 1006.8 | 0.00 | 0.0       | 553        | 11.89        |
| 23-06-23 | 3:00  | 32.9     | 32.9    | 32.6     | 62      | 24.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 32.9       | 40.1       | 40.1      | ---        | 1006.8 | 0.00 | 0.0       | 594        | 12.77        |
| 23-06-23 | 3:15  | 33.2     | 33.2    | 32.9     | 61      | 24.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 33.2       | 40.4       | 40.4      | ---        | 1006.7 | 0.00 | 0.0       | 642        | 13.80        |
| 23-06-23 | 3:30  | 33.3     | 33.3    | 33.1     | 61      | 24.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 33.3       | 40.8       | 40.8      | ---        | 1006.6 | 0.00 | 0.0       | 667        | 14.34        |
| 23-06-23 | 3:45  | 33.5     | 33.5    | 33.3     | 60      | 24.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 33.5       | 40.9       | 40.9      | ---        | 1006.6 | 0.00 | 0.0       | 712        | 15.31        |
| 23-06-23 | 4:00  | 33.8     | 33.8    | 33.5     | 59      | 24.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 33.8       | 41.4       | 41.4      | ---        | 1006.4 | 0.00 | 0.0       | 742        | 15.96        |
| 23-06-23 | 4:15  | 34.1     | 34.1    | 33.8     | 58      | 24.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.1       | 42.0       | 42.0      | ---        | 1006.2 | 0.00 | 0.0       | 770        | 16.56        |
| 23-06-23 | 4:30  | 34.6     | 34.7    | 34.1     | 57      | 24.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.6       | 43.1       | 43.1      | ---        | 1006.0 | 0.00 | 0.0       | 799        | 17.18        |
| 23-06-23 | 4:45  | 34.6     | 34.7    | 34.6     | 57      | 24.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.6       | 43.1       | 43.1      | ---        | 1005.9 | 0.00 | 0.0       | 788        | 16.94        |
| 23-06-23 | 5:00  | 34.9     | 34.9    | 34.6     | 56      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.9       | 43.6       | 43.6      | ---        | 1005.8 | 0.00 | 0.0       | 829        | 17.83        |
| 23-06-23 | 5:15  | 35.0     | 35.1    | 34.9     | 56      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.0       | 43.8       | 43.8      | ---        | 1005.6 | 0.00 | 0.0       | 843        | 18.13        |
| 23-06-23 | 5:30  | 35.4     | 35.4    | 35.0     | 54      | 24.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.4       | 43.9       | 43.9      | ---        | 1005.4 | 0.00 | 0.0       | 817        | 17.57        |
| 23-06-23 | 5:45  | 35.4     | 35.5    | 35.3     | 54      | 24.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.4       | 44.1       | 44.1      | ---        | 1005.2 | 0.00 | 0.0       | 828        | 17.80        |
| 23-06-23 | 6:00  | 35.8     | 35.9    | 35.5     | 53      | 24.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.8       | 44.7       | 44.7      | ---        | 1005.1 | 0.00 | 0.0       | 852        | 18.32        |
| 23-06-23 | 6:15  | 35.9     | 36.1    | 35.8     | 54      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.9       | 45.6       | 45.6      | ---        | 1004.5 | 0.00 | 0.0       | 876        | 18.84        |
| 23-06-23 | 6:30  | 36.1     | 36.2    | 35.9     | 53      | 25.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.1       | 45.4       | 45.4      | ---        | 1004.3 | 0.00 | 0.0       | 807        | 17.35        |
| 23-06-23 | 6:45  | 36.3     | 36.3    | 36.1     | 53      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.3       | 46.1       | 46.1      | ---        | 1004.1 | 0.00 | 0.0       | 746        | 16.04        |
| 23-06-23 | 7:00  | 36.7     | 36.7    | 36.3     | 51      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.7       | 45.9       | 45.9      | ---        | 1003.8 | 0.00 | 0.0       | 788        | 16.94        |
| 23-06-23 | 7:15  | 36.6     | 36.7    | 36.6     | 52      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.6       | 46.1       | 46.1      | ---        | 1003.5 | 0.00 | 0.0       | 694        | 14.92        |
| 23-06-23 | 7:30  | 37.0     | 37.1    | 36.6     | 50      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.0       | 46.0       | 46.0      | ---        | 1003.4 | 0.00 | 0.0       | 711        | 15.29        |
| 23-06-23 | 7:45  | 37.2     | 37.2    | 36.9     | 50      | 25.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.2       | 46.4       | 46.4      | ---        | 1003.3 | 0.00 | 0.0       | 736        | 15.83        |
| 23-06-23 | 8:00  | 37.3     | 37.4    | 37.1     | 50      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.3       | 46.9       | 46.9      | ---        | 1003.1 | 0.00 | 0.0       | 765        | 16.45        |
| 23-06-23 | 8:15  | 37.4     | 37.4    | 37.3     | 49      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.4       | 46.7       | 46.7      | ---        | 1003.0 | 0.00 | 0.0       | 734        | 15.78        |
| 23-06-23 | 8:30  | 37.7     | 37.7    | 37.4     | 49      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.7       | 47.6       | 47.6      | ---        | 1003.0 | 0.00 | 0.0       | 660        | 14.19        |
| 23-06-23 | 8:45  | 37.7     | 37.7    | 37.6     | 49      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.7       | 47.4       | 47.4      | ---        | 1002.8 | 0.00 | 0.0       | 566        | 12.17        |
| 23-06-23 | 9:00  | 37.7     | 37.8    | 37.7     | 48      | 24.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.7       | 47.0       | 47.0      | ---        | 1002.7 | 0.00 | 0.0       | 537        | 11.55        |
| 23-06-23 | 9:15  | 37.6     | 37.7    | 37.4     | 49      | 25.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.6       | 47.1       | 47.1      | ---        | 1002.7 | 0.00 | 0.0       | 506        | 10.88        |
| 23-06-23 | 9:30  | 37.4     | 37.6    | 37.3     | 50      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.4       | 47.1       | 47.1      | ---        | 1002.7 | 0.00 | 0.0       | 423        | 9.10         |
| 23-06-23 | 9:45  | 37.6     | 37.6    | 37.4     | 49      | 25.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.6       | 47.1       | 47.1      | ---        | 1002.6 | 0.00 | 0.0       | 374        | 8.04         |
| 23-06-23 | 10:00 | 37.6     | 37.6    | 37.5     | 49      | 25.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.6       | 47.1       | 47.1      | ---        | 1002.5 | 0.00 | 0.0       | 326        | 7.01         |
| 23-06-23 | 10:15 | 37.4     | 37.6    | 37.4     | 50      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.4       | 47.1       | 47.1      | ---        | 1002.5 | 0.00 | 0.0       | 231        | 4.97         |
| 23-06-23 | 10:30 | 37.3     | 37.4    | 37.3     | 50      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.3       | 46.9       | 46.9      | ---        | 1002.5 | 0.00 | 0.0       | 223        | 4.80         |
| 23-06-23 | 10:45 | 37.3     | 37.3    | 37.3     | 50      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.3       | 46.8       | 46.8      | ---        | 1002.5 | 0.00 | 0.0       | 192        | 4.13         |
| 23-06-23 | 11:00 | 37.3     | 37.4    | 37.3     | 50      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.3       | 46.9       | 46.9      | ---        | 1002.4 | 0.00 | 0.0       | 176        | 3.78         |
| 23-06-23 | 11:15 | 37.4     | 37.4    | 37.3     | 50      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.4       | 47.1       | 47.1      | ---        | 1002.4 | 0.00 | 0.0       | 182        | 3.91         |
| 23-06-23 | 11:30 | 37.3     | 37.4    | 37.3     | 50      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.3       | 46.9       | 46.9      | ---        | 1002.5 | 0.00 | 0.0       | 126        | 2.71         |
| 23-06-23 | 11:45 | 37.2     | 37.3    | 37.2     | 50      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.2       | 46.6       | 46.6      | ---        | 1002.5 | 0.00 | 0.0       | 85         | 1.83         |
| 23-06-23 | 12:00 | 37.1     | 37.2    | 37.1     | 51      | 25.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.1       | 47.1       | 47.1      | ---        | 1002.6 | 0.00 | 0.0       | 64         | 1.38         |
| 23-06-23 | 12:15 | 37.1     | 37.2    | 37.1     | 50      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.1       | 46.2       | 46.2      | ---        | 1002.8 | 0.00 | 0.0       | 39         | 0.84         |
| 23-06-23 | 12:30 | 37.0     | 37.1    | 36.9     | 50      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.0       | 46.0       | 46.0      | ---        | 1003.1 | 0.00 | 0.0       | 17         | 0.37         |
| 23-06-23 | 12:45 | 36.9     | 37.0    | 36.8     | 51      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.9       | 46.4       | 46.4      | ---        | 1003.1 | 0.00 | 0.0       | 1          | 0.02         |
| 23-06-23 | 13:00 | 36.7     | 36.9    | 36.7     | 51      | 24.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.7       | 45.9       | 45.9      | ---        | 1003.2 | 0.00 | 0.0       | 0          | 0.00         |
| 23-06-23 | 13:15 | 36.6     | 36.7    | 36.6     | 51      | 24.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.6       | 45.6       | 45.6      | ---        | 1003.4 | 0.00 | 0.0       | 0          | 0.00         |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 23-06-23 | 13:30 | 36.5        | 36.6       | 36.4        | 52         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.5          | 45.9          | 45.9         | ---           | 1003.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 13:45 | 36.4        | 36.5       | 36.4        | 52         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.4          | 45.7          | 45.7         | ---           | 1003.7 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 14:00 | 36.3        | 36.4       | 36.3        | 53         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.3          | 45.9          | 45.9         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 14:15 | 36.2        | 36.3       | 36.2        | 53         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.2          | 45.8          | 45.8         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 14:30 | 36.1        | 36.3       | 36.0        | 54         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 45.9          | 45.9         | ---           | 1004.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 14:45 | 35.3        | 36.1       | 35.3        | 56         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.3          | 44.7          | 44.7         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 15:00 | 35.1        | 35.3       | 35.0        | 57         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.1          | 44.3          | 44.3         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 15:15 | 34.8        | 35.1       | 34.8        | 59         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 44.3          | 44.3         | ---           | 1005.3 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 15:30 | 34.5        | 34.8       | 34.5        | 59         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.5          | 43.5          | 43.5         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 15:45 | 34.3        | 34.5       | 34.3        | 60         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.3          | 43.2          | 43.2         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 16:00 | 33.9        | 34.3       | 33.9        | 61         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.9          | 42.5          | 42.5         | ---           | 1005.7 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 16:15 | 33.6        | 33.9       | 33.6        | 62         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.6          | 42.1          | 42.1         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 16:30 | 33.4        | 33.7       | 33.4        | 64         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.4          | 42.5          | 42.5         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 16:45 | 33.1        | 33.4       | 33.1        | 65         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.1          | 41.7          | 41.7         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 17:00 | 32.8        | 33.1       | 32.7        | 67         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.8          | 41.7          | 41.7         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 17:15 | 32.6        | 32.8       | 32.6        | 69         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.6          | 41.9          | 41.9         | ---           | 1005.4 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 17:30 | 32.5        | 32.6       | 32.4        | 70         | 26.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.5          | 41.9          | 41.9         | ---           | 1005.6 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 17:45 | 32.4        | 32.7       | 32.4        | 67         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.4          | 40.7          | 40.7         | ---           | 1006.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 18:00 | 30.9        | 32.4       | 30.9        | 73         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.9          | 37.7          | 37.7         | ---           | 1006.3 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 18:15 | 30.7        | 30.9       | 30.7        | 75         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 37.8          | 37.8         | ---           | 1006.1 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 18:30 | 30.6        | 30.7       | 30.6        | 75         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.7          | 37.7         | ---           | 1005.9 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 18:45 | 30.6        | 30.7       | 30.6        | 74         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.4          | 37.4         | ---           | 1005.8 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 19:00 | 30.7        | 30.7       | 30.6        | 74         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 37.5          | 37.5         | ---           | 1005.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 19:15 | 30.7        | 30.8       | 30.7        | 73         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 37.3          | 37.3         | ---           | 1005.0 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 19:30 | 30.8        | 30.8       | 30.6        | 73         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 37.4          | 37.4         | ---           | 1004.9 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 19:45 | 30.7        | 30.8       | 30.7        | 73         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 37.3          | 37.3         | ---           | 1004.8 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 20:00 | 30.6        | 30.7       | 30.6        | 73         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.1          | 37.1         | ---           | 1004.5 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 20:15 | 30.5        | 30.6       | 30.4        | 74         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.5          | 37.2          | 37.2         | ---           | 1004.4 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 20:30 | 30.5        | 30.6       | 30.4        | 74         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.5          | 37.2          | 37.2         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 20:45 | 30.6        | 30.6       | 30.5        | 73         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.2          | 37.2         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 21:00 | 30.6        | 30.7       | 30.6        | 74         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.4          | 37.4         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 21:15 | 30.6        | 30.7       | 30.5        | 74         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.3          | 37.3         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 21:30 | 30.4        | 30.6       | 30.4        | 75         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 37.1          | 37.1         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 21:45 | 30.4        | 30.4       | 30.3        | 75         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 37.1          | 37.1         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 22:00 | 30.4        | 30.4       | 30.3        | 75         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 37.1          | 37.1         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 22:15 | 30.3        | 30.4       | 30.3        | 75         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 37.0          | 37.0         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 22:30 | 30.2        | 30.3       | 30.2        | 76         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 36.8          | 36.8         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 22:45 | 30.2        | 30.3       | 30.2        | 75         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 36.7          | 36.7         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 23:00 | 30.3        | 30.3       | 30.2        | 75         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.8          | 36.8         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 23:15 | 30.3        | 30.4       | 30.3        | 74         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.8          | 36.8         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 23:30 | 30.4        | 30.4       | 30.3        | 74         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 36.9          | 36.9         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 23-06-23 | 23:45 | 30.3        | 30.4       | 30.3        | 74         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.8          | 36.8         | ---           | 1004.2 | 0.00 | 0.0          | 6             | 0.13            |
| 24-06-23 | 00:00 | 30.3        | 30.3       | 30.2        | 74         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.6          | 36.6         | ---           | 1004.4 | 0.00 | 0.0          | 24            | 0.52            |

| Date     | Time  | Temp Out | Hi Temp | Low Temp | Out Hum | Dew Pt. | Wind Speed | Wind Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW Index | THSW Index | Bar    | Rain | Rain Rate | Solar Rad. | Solar Energy |
|----------|-------|----------|---------|----------|---------|---------|------------|----------|----------|----------|--------|------------|------------|-----------|------------|--------|------|-----------|------------|--------------|
| 24-06-23 | 0:15  | 30.3     | 30.3    | 30.2     | 74      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 30.3       | 36.8       | 36.8      | ---        | 1004.6 | 0.00 | 0.0       | 39         | 0.84         |
| 24-06-23 | 0:30  | 30.3     | 30.3    | 30.2     | 74      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 30.3       | 36.6       | 36.6      | ---        | 1004.7 | 0.00 | 0.0       | 70         | 1.51         |
| 24-06-23 | 0:45  | 30.3     | 30.3    | 30.3     | 74      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 30.3       | 36.8       | 36.8      | ---        | 1004.9 | 0.00 | 0.0       | 175        | 3.76         |
| 24-06-23 | 1:00  | 30.5     | 30.5    | 30.3     | 73      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 30.5       | 36.9       | 36.9      | ---        | 1005.0 | 0.00 | 0.0       | 214        | 4.60         |
| 24-06-23 | 1:15  | 30.4     | 30.6    | 30.4     | 73      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 30.4       | 36.8       | 36.8      | ---        | 1005.0 | 0.00 | 0.0       | 228        | 4.90         |
| 24-06-23 | 1:30  | 30.6     | 30.6    | 30.4     | 72      | 25.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 30.6       | 36.9       | 36.9      | ---        | 1005.1 | 0.00 | 0.0       | 286        | 6.15         |
| 24-06-23 | 1:45  | 31.1     | 31.1    | 30.6     | 71      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.1       | 37.4       | 37.4      | ---        | 1005.0 | 0.00 | 0.0       | 329        | 7.07         |
| 24-06-23 | 2:00  | 31.2     | 31.2    | 31.1     | 71      | 25.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.2       | 37.7       | 37.7      | ---        | 1005.0 | 0.00 | 0.0       | 384        | 8.26         |
| 24-06-23 | 2:15  | 31.4     | 31.4    | 31.1     | 71      | 25.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.4       | 38.4       | 38.4      | ---        | 1005.0 | 0.00 | 0.0       | 428        | 9.20         |
| 24-06-23 | 2:30  | 31.8     | 31.8    | 31.4     | 70      | 25.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 31.8       | 39.7       | 39.7      | ---        | 1005.0 | 0.00 | 0.0       | 450        | 9.68         |
| 24-06-23 | 2:45  | 32.3     | 32.3    | 31.8     | 68      | 25.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 32.3       | 40.7       | 40.7      | ---        | 1005.3 | 0.00 | 0.0       | 521        | 11.20        |
| 24-06-23 | 3:00  | 32.6     | 32.6    | 32.3     | 67      | 25.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 32.6       | 41.0       | 41.0      | ---        | 1005.3 | 0.00 | 0.0       | 565        | 12.15        |
| 24-06-23 | 3:15  | 32.7     | 32.7    | 32.6     | 66      | 25.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 32.7       | 40.9       | 40.9      | ---        | 1005.2 | 0.00 | 0.0       | 606        | 13.03        |
| 24-06-23 | 3:30  | 33.1     | 33.1    | 32.7     | 65      | 25.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 33.1       | 41.7       | 41.7      | ---        | 1005.4 | 0.00 | 0.0       | 641        | 13.78        |
| 24-06-23 | 3:45  | 33.4     | 33.4    | 33.1     | 65      | 25.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 33.4       | 42.7       | 42.7      | ---        | 1005.2 | 0.00 | 0.0       | 684        | 14.71        |
| 24-06-23 | 4:00  | 33.7     | 33.7    | 33.4     | 64      | 26.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 33.7       | 43.3       | 43.3      | ---        | 1005.2 | 0.00 | 0.0       | 712        | 15.31        |
| 24-06-23 | 4:15  | 34.0     | 34.0    | 33.7     | 63      | 26.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.0       | 43.7       | 43.7      | ---        | 1005.1 | 0.00 | 0.0       | 745        | 16.02        |
| 24-06-23 | 4:30  | 34.3     | 34.3    | 34.1     | 62      | 26.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.3       | 44.3       | 44.3      | ---        | 1004.9 | 0.00 | 0.0       | 775        | 16.66        |
| 24-06-23 | 4:45  | 34.5     | 34.5    | 34.3     | 62      | 26.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.5       | 44.8       | 44.8      | ---        | 1004.8 | 0.00 | 0.0       | 801        | 17.22        |
| 24-06-23 | 5:00  | 34.7     | 34.8    | 34.5     | 61      | 26.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 34.7       | 44.9       | 44.9      | ---        | 1004.8 | 0.00 | 0.0       | 811        | 17.44        |
| 24-06-23 | 5:15  | 35.0     | 35.0    | 34.7     | 61      | 26.4    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.0       | 45.9       | 45.9      | ---        | 1004.6 | 0.00 | 0.0       | 837        | 18.00        |
| 24-06-23 | 5:30  | 35.2     | 35.2    | 34.8     | 59      | 25.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.2       | 45.6       | 45.6      | ---        | 1004.5 | 0.00 | 0.0       | 843        | 18.13        |
| 24-06-23 | 5:45  | 35.3     | 35.3    | 35.2     | 57      | 25.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.3       | 45.1       | 45.1      | ---        | 1004.3 | 0.00 | 0.0       | 864        | 18.58        |
| 24-06-23 | 6:00  | 35.7     | 35.7    | 35.3     | 56      | 25.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.7       | 45.8       | 45.8      | ---        | 1004.0 | 0.00 | 0.0       | 862        | 18.54        |
| 24-06-23 | 6:15  | 35.8     | 35.8    | 35.5     | 56      | 25.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.8       | 46.1       | 46.1      | ---        | 1003.6 | 0.00 | 0.0       | 859        | 18.47        |
| 24-06-23 | 6:30  | 36.1     | 36.1    | 35.8     | 54      | 25.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.1       | 45.9       | 45.9      | ---        | 1003.4 | 0.00 | 0.0       | 865        | 18.60        |
| 24-06-23 | 6:45  | 36.4     | 36.5    | 36.1     | 53      | 25.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.4       | 46.4       | 46.4      | ---        | 1003.1 | 0.00 | 0.0       | 845        | 18.17        |
| 24-06-23 | 7:00  | 36.3     | 36.6    | 36.3     | 53      | 25.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.3       | 46.1       | 46.1      | ---        | 1002.9 | 0.00 | 0.0       | 830        | 17.85        |
| 24-06-23 | 7:15  | 36.5     | 36.7    | 36.3     | 52      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.5       | 45.9       | 45.9      | ---        | 1002.8 | 0.00 | 0.0       | 825        | 17.74        |
| 24-06-23 | 7:30  | 36.7     | 36.8    | 36.4     | 52      | 25.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.7       | 46.6       | 46.6      | ---        | 1002.5 | 0.00 | 0.0       | 805        | 17.31        |
| 24-06-23 | 7:45  | 36.9     | 36.9    | 36.8     | 53      | 25.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.9       | 48.0       | 48.0      | ---        | 1002.5 | 0.00 | 0.0       | 772        | 16.60        |
| 24-06-23 | 8:00  | 36.9     | 37.1    | 36.9     | 52      | 25.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.9       | 47.3       | 47.3      | ---        | 1002.3 | 0.00 | 0.0       | 661        | 14.21        |
| 24-06-23 | 8:15  | 37.2     | 37.2    | 36.9     | 50      | 25.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.2       | 46.6       | 46.6      | ---        | 1002.3 | 0.00 | 0.0       | 706        | 15.18        |
| 24-06-23 | 8:30  | 37.4     | 37.5    | 37.2     | 50      | 25.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.4       | 47.3       | 47.3      | ---        | 1002.1 | 0.00 | 0.0       | 717        | 15.42        |
| 24-06-23 | 8:45  | 37.2     | 37.6    | 37.2     | 51      | 25.4    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.2       | 47.3       | 47.3      | ---        | 1001.9 | 0.00 | 0.0       | 555        | 11.93        |
| 24-06-23 | 9:00  | 37.8     | 38.0    | 37.2     | 50      | 25.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.8       | 48.2       | 48.2      | ---        | 1001.8 | 0.00 | 0.0       | 759        | 16.32        |
| 24-06-23 | 9:15  | 37.9     | 37.9    | 37.7     | 51      | 26.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.9       | 49.4       | 49.4      | ---        | 1001.7 | 0.00 | 0.0       | 653        | 14.04        |
| 24-06-23 | 9:30  | 37.9     | 38.1    | 37.8     | 50      | 25.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.9       | 48.7       | 48.7      | ---        | 1001.7 | 0.00 | 0.0       | 640        | 13.76        |
| 24-06-23 | 9:45  | 37.9     | 38.1    | 37.9     | 49      | 25.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.9       | 48.1       | 48.1      | ---        | 1001.4 | 0.00 | 0.0       | 583        | 12.54        |
| 24-06-23 | 10:00 | 38.3     | 38.3    | 37.8     | 49      | 25.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 38.3       | 49.3       | 49.3      | ---        | 1001.4 | 0.00 | 0.0       | 512        | 11.01        |
| 24-06-23 | 10:15 | 38.1     | 38.3    | 38.1     | 49      | 25.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 38.1       | 48.7       | 48.7      | ---        | 1001.2 | 0.00 | 0.0       | 449        | 9.65         |
| 24-06-23 | 10:30 | 37.9     | 38.2    | 37.9     | 50      | 25.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.9       | 48.6       | 48.6      | ---        | 1001.1 | 0.00 | 0.0       | 366        | 7.87         |
| 24-06-23 | 10:45 | 38.1     | 38.1    | 37.9     | 50      | 25.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 38.1       | 49.1       | 49.1      | ---        | 1001.0 | 0.00 | 0.0       | 313        | 6.73         |
| 24-06-23 | 11:00 | 38.2     | 38.2    | 38.0     | 50      | 25.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 38.2       | 49.3       | 49.3      | ---        | 1001.0 | 0.00 | 0.0       | 264        | 5.68         |
| 24-06-23 | 11:15 | 37.7     | 38.2    | 37.7     | 50      | 25.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.7       | 48.1       | 48.1      | ---        | 1001.1 | 0.00 | 0.0       | 180        | 3.87         |
| 24-06-23 | 11:30 | 37.8     | 37.8    | 37.7     | 50      | 25.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.8       | 48.2       | 48.2      | ---        | 1001.2 | 0.00 | 0.0       | 161        | 3.46         |
| 24-06-23 | 11:45 | 37.5     | 37.8    | 37.4     | 51      | 25.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.5       | 48.2       | 48.2      | ---        | 1001.2 | 0.00 | 0.0       | 93         | 2.00         |
| 24-06-23 | 12:00 | 37.2     | 37.4    | 37.2     | 52      | 25.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 37.2       | 48.1       | 48.1      | ---        | 1001.3 | 0.00 | 0.0       | 55         | 1.18         |
| 24-06-23 | 12:15 | 36.9     | 37.2    | 36.9     | 54      | 26.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.9       | 48.5       | 48.5      | ---        | 1001.6 | 0.00 | 0.0       | 30         | 0.65         |
| 24-06-23 | 12:30 | 36.6     | 36.9    | 36.6     | 55      | 26.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.6       | 48.3       | 48.3      | ---        | 1001.8 | 0.00 | 0.0       | 12         | 0.26         |
| 24-06-23 | 12:45 | 36.2     | 36.6    | 36.2     | 56      | 26.0    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.2       | 47.6       | 47.6      | ---        | 1002.0 | 0.00 | 0.0       | 1          | 0.02         |
| 24-06-23 | 13:00 | 36.1     | 36.2    | 36.1     | 56      | 25.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 36.1       | 47.2       | 47.2      | ---        | 1002.1 | 0.00 | 0.0       | 0          | 0.00         |
| 24-06-23 | 13:15 | 35.9     | 36.1    | 35.9     | 57      | 26.1    | 0.0        | ---      | 0.00     | 0.0      | ---    | 35.9       | 47.2       | 47.2      | ---        | 1002.3 | 0.00 | 0.0       | 0          | 0.00         |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 24-06-23 | 13:30 | 35.8        | 35.9       | 35.8        | 57         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.8          | 46.8         | ---           | 1002.4 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 13:45 | 35.8        | 35.9       | 35.8        | 57         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 46.8          | 46.8         | ---           | 1002.6 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 14:00 | 35.7        | 35.8       | 35.6        | 58         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.7          | 46.7          | 46.7         | ---           | 1002.7 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 14:15 | 35.5        | 35.7       | 35.4        | 58         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 46.2          | 46.2         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 14:30 | 35.5        | 35.6       | 35.4        | 58         | 26.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.5          | 46.2          | 46.2         | ---           | 1002.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 14:45 | 35.4        | 35.5       | 35.4        | 59         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.4          | 46.4          | 46.4         | ---           | 1003.1 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 15:00 | 33.9        | 35.5       | 33.9        | 66         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.9          | 44.9          | 44.9         | ---           | 1003.5 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 15:15 | 33.3        | 33.9       | 33.2        | 69         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.3          | 44.0          | 44.0         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 15:30 | 32.8        | 33.3       | 32.8        | 71         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.8          | 43.3          | 43.3         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 15:45 | 32.6        | 32.8       | 32.6        | 71         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.6          | 42.7          | 42.7         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 16:00 | 32.5        | 32.6       | 32.5        | 71         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.5          | 42.3          | 42.3         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 16:15 | 32.3        | 32.6       | 32.3        | 73         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.3          | 42.6          | 42.6         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 16:30 | 32.1        | 32.3       | 32.1        | 74         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.1          | 41.9          | 41.9         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 16:45 | 31.9        | 32.1       | 31.9        | 76         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.9          | 42.3          | 42.3         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 17:00 | 31.8        | 31.9       | 31.8        | 77         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 42.1          | 42.1         | ---           | 1004.2 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 17:15 | 31.7        | 31.8       | 31.7        | 77         | 27.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.7          | 41.7          | 41.7         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 17:30 | 31.4        | 31.7       | 31.4        | 78         | 27.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.4          | 41.1          | 41.1         | ---           | 1004.1 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 17:45 | 31.4        | 31.4       | 31.4        | 77         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.4          | 40.7          | 40.7         | ---           | 1003.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 18:00 | 31.5        | 31.5       | 31.4        | 77         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 40.9          | 40.9         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 18:15 | 31.3        | 31.4       | 31.3        | 76         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 39.8          | 39.8         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 18:30 | 30.6        | 31.4       | 30.6        | 75         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 37.7          | 37.7         | ---           | 1003.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 18:45 | 30.2        | 30.6       | 30.2        | 77         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 37.2          | 37.2         | ---           | 1004.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 19:00 | 30.1        | 30.2       | 30.0        | 77         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.7          | 36.7         | ---           | 1003.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 19:15 | 29.8        | 30.1       | 29.8        | 78         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.3          | 36.3         | ---           | 1003.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 19:30 | 30.2        | 30.2       | 29.8        | 76         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 36.8          | 36.8         | ---           | 1003.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 19:45 | 30.3        | 30.3       | 30.2        | 76         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 37.1          | 37.1         | ---           | 1003.7 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 20:00 | 30.1        | 30.3       | 30.1        | 76         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.6          | 36.6         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 20:15 | 30.1        | 30.2       | 30.0        | 77         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.7          | 36.7         | ---           | 1003.4 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 20:30 | 29.8        | 30.0       | 29.8        | 78         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.2          | 36.2         | ---           | 1003.1 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 20:45 | 29.6        | 29.8       | 29.6        | 79         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 36.0          | 36.0         | ---           | 1003.1 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 21:00 | 29.6        | 29.7       | 29.6        | 79         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 36.0          | 36.0         | ---           | 1002.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 21:15 | 29.7        | 29.7       | 29.6        | 79         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.7          | 36.2          | 36.2         | ---           | 1002.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 21:30 | 29.8        | 29.8       | 29.7        | 78         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.2          | 36.2         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 21:45 | 29.9        | 29.9       | 29.8        | 77         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.9          | 36.4          | 36.4         | ---           | 1003.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 22:00 | 29.9        | 30.1       | 29.9        | 76         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.9          | 36.2          | 36.2         | ---           | 1002.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 22:15 | 29.8        | 30.0       | 29.8        | 77         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.8          | 36.1          | 36.1         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 22:30 | 29.6        | 29.8       | 29.6        | 78         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.8          | 35.8         | ---           | 1002.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 22:45 | 29.7        | 29.7       | 29.6        | 78         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.7          | 35.9          | 35.9         | ---           | 1002.9 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 23:00 | 29.6        | 29.7       | 29.6        | 78         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.7          | 35.7         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 23:15 | 29.6        | 29.7       | 29.5        | 78         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.8          | 35.8         | ---           | 1003.0 | 0.00 | 0.0          | 0             | 0.00            |
| 24-06-23 | 23:30 | 29.6        | 29.6       | 29.6        | 78         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.7          | 35.7         | ---           | 1002.9 | 0.00 | 0.0          | 1             | 0.02            |
| 24-06-23 | 23:45 | 29.6        | 29.6       | 29.5        | 77         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.4          | 35.4         | ---           | 1002.9 | 0.00 | 0.0          | 10            | 0.22            |
| 25-06-23 | 00:00 | 29.7        | 29.7       | 29.6        | 76         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.7          | 35.5          | 35.5         | ---           | 1003.0 | 0.00 | 0.0          | 37            | 0.80            |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 25-06-23 | 0:15  | 29.7        | 29.8       | 29.7        | 74         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.7          | 35.3          | 35.3         | ---           | 1003.1 | 0.00 | 0.0          | 67            | 1.44            |
| 25-06-23 | 0:30  | 30.1        | 30.1       | 29.7        | 73         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 35.9          | 35.9         | ---           | 1003.2 | 0.00 | 0.0          | 51            | 1.10            |
| 25-06-23 | 0:45  | 30.1        | 30.1       | 30.0        | 73         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.0          | 36.0         | ---           | 1003.5 | 0.00 | 0.0          | 73            | 1.57            |
| 25-06-23 | 1:00  | 30.1        | 30.1       | 30.0        | 74         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.1          | 36.1          | 36.1         | ---           | 1003.5 | 0.00 | 0.0          | 122           | 2.62            |
| 25-06-23 | 1:15  | 30.0        | 30.1       | 30.0        | 74         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.0          | 35.9          | 35.9         | ---           | 1003.6 | 0.00 | 0.0          | 181           | 3.89            |
| 25-06-23 | 1:30  | 30.2        | 30.2       | 30.0        | 74         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.2          | 36.5          | 36.5         | ---           | 1004.0 | 0.00 | 0.0          | 277           | 5.96            |
| 25-06-23 | 1:45  | 30.3        | 30.3       | 30.2        | 73         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 36.4          | 36.4         | ---           | 1004.0 | 0.00 | 0.0          | 358           | 7.70            |
| 25-06-23 | 2:00  | 30.4        | 30.5       | 30.2        | 73         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 36.8          | 36.8         | ---           | 1004.3 | 0.00 | 0.0          | 411           | 8.84            |
| 25-06-23 | 2:15  | 30.7        | 30.7       | 30.4        | 72         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 37.1          | 37.1         | ---           | 1004.4 | 0.00 | 0.0          | 477           | 10.26           |
| 25-06-23 | 2:30  | 30.8        | 30.8       | 30.6        | 72         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 37.3          | 37.3         | ---           | 1004.3 | 0.00 | 0.0          | 483           | 10.39           |
| 25-06-23 | 2:45  | 31.1        | 31.1       | 30.8        | 72         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 37.7          | 37.7         | ---           | 1004.4 | 0.00 | 0.0          | 541           | 11.63           |
| 25-06-23 | 3:00  | 31.5        | 31.5       | 31.1        | 71         | 25.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.5          | 38.8          | 38.8         | ---           | 1004.5 | 0.00 | 0.0          | 563           | 12.11           |
| 25-06-23 | 3:15  | 31.7        | 31.7       | 31.4        | 70         | 25.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.7          | 39.1          | 39.1         | ---           | 1004.6 | 0.00 | 0.0          | 610           | 13.12           |
| 25-06-23 | 3:30  | 31.8        | 31.9       | 31.6        | 70         | 25.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 39.7          | 39.7         | ---           | 1004.6 | 0.00 | 0.0          | 644           | 13.85           |
| 25-06-23 | 3:45  | 32.3        | 32.3       | 31.8        | 69         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.3          | 41.0          | 41.0         | ---           | 1004.5 | 0.00 | 0.0          | 691           | 14.86           |
| 25-06-23 | 4:00  | 32.2        | 32.4       | 32.1        | 69         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.2          | 40.7          | 40.7         | ---           | 1004.3 | 0.00 | 0.0          | 724           | 15.57           |
| 25-06-23 | 4:15  | 32.4        | 32.5       | 32.2        | 68         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.4          | 41.0          | 41.0         | ---           | 1004.0 | 0.00 | 0.0          | 760           | 16.34           |
| 25-06-23 | 4:30  | 33.0        | 33.0       | 32.4        | 67         | 26.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.0          | 42.3          | 42.3         | ---           | 1003.8 | 0.00 | 0.0          | 783           | 16.84           |
| 25-06-23 | 4:45  | 33.2        | 33.3       | 33.0        | 65         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.2          | 42.2          | 42.2         | ---           | 1003.7 | 0.00 | 0.0          | 817           | 17.57           |
| 25-06-23 | 5:00  | 33.4        | 33.4       | 33.2        | 65         | 25.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.4          | 42.7          | 42.7         | ---           | 1003.6 | 0.00 | 0.0          | 854           | 18.36           |
| 25-06-23 | 5:15  | 33.9        | 33.9       | 33.4        | 65         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.9          | 44.3          | 44.3         | ---           | 1003.5 | 0.00 | 0.0          | 881           | 18.94           |
| 25-06-23 | 5:30  | 34.2        | 34.2       | 33.9        | 64         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.2          | 44.9          | 44.9         | ---           | 1003.2 | 0.00 | 0.0          | 953           | 20.49           |
| 25-06-23 | 5:45  | 34.2        | 34.2       | 34.1        | 65         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.2          | 45.3          | 45.3         | ---           | 1003.2 | 0.00 | 0.0          | 875           | 18.81           |
| 25-06-23 | 6:00  | 34.6        | 34.7       | 34.2        | 63         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.6          | 45.7          | 45.7         | ---           | 1002.9 | 0.00 | 0.0          | 839           | 18.04           |
| 25-06-23 | 6:15  | 34.8        | 34.9       | 34.6        | 62         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.8          | 45.7          | 45.7         | ---           | 1002.6 | 0.00 | 0.0          | 758           | 16.30           |
| 25-06-23 | 6:30  | 34.9        | 35.1       | 34.7        | 62         | 26.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 34.9          | 46.3          | 46.3         | ---           | 1002.4 | 0.00 | 0.0          | 912           | 19.61           |
| 25-06-23 | 6:45  | 35.3        | 35.3       | 34.8        | 62         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.3          | 47.4          | 47.4         | ---           | 1002.1 | 0.00 | 0.0          | 547           | 11.76           |
| 25-06-23 | 7:00  | 35.4        | 35.6       | 35.3        | 62         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.4          | 48.0          | 48.0         | ---           | 1001.8 | 0.00 | 0.0          | 664           | 14.28           |
| 25-06-23 | 7:15  | 35.8        | 35.8       | 35.4        | 60         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.8          | 48.1          | 48.1         | ---           | 1001.6 | 0.00 | 0.0          | 652           | 14.02           |
| 25-06-23 | 7:30  | 35.9        | 35.9       | 35.7        | 60         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 35.9          | 48.6          | 48.6         | ---           | 1001.6 | 0.00 | 0.0          | 430           | 9.25            |
| 25-06-23 | 7:45  | 36.3        | 36.3       | 35.9        | 59         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.3          | 49.3          | 49.3         | ---           | 1001.3 | 0.00 | 0.0          | 874           | 18.79           |
| 25-06-23 | 8:00  | 36.6        | 36.6       | 36.2        | 58         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.6          | 49.8          | 49.8         | ---           | 1001.1 | 0.00 | 0.0          | 725           | 15.59           |
| 25-06-23 | 8:15  | 36.1        | 36.6       | 36.1        | 59         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.1          | 48.7          | 48.7         | ---           | 1000.8 | 0.00 | 0.0          | 198           | 4.26            |
| 25-06-23 | 8:30  | 36.0        | 36.1       | 35.9        | 59         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 36.0          | 48.3          | 48.3         | ---           | 1000.7 | 0.00 | 0.0          | 104           | 2.24            |
| 25-06-23 | 8:45  | 31.2        | 36.0       | 31.2        | 75         | 26.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 38.8          | 38.8         | ---           | 1000.9 | 3.81 | 37.3         | 70            | 1.51            |
| 25-06-23 | 9:00  | 30.6        | 31.1       | 30.2        | 79         | 26.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 38.7          | 38.7         | ---           | 1000.4 | 2.54 | 62.2         | 82            | 1.76            |
| 25-06-23 | 9:15  | 30.6        | 30.7       | 30.4        | 80         | 26.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 39.1          | 39.1         | ---           | 1000.2 | 0.76 | 18.0         | 101           | 2.17            |
| 25-06-23 | 9:30  | 30.8        | 30.9       | 30.6        | 84         | 27.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.8          | 41.2          | 41.2         | ---           | 999.6  | 1.52 | 14.0         | 132           | 2.84            |
| 25-06-23 | 9:45  | 30.4        | 30.9       | 30.4        | 86         | 27.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 40.8          | 40.8         | ---           | 999.2  | 0.25 | 4.1          | 274           | 5.89            |
| 25-06-23 | 10:00 | 30.6        | 30.6       | 30.4        | 86         | 27.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 41.3          | 41.3         | ---           | 999.1  | 0.00 | 0.0          | 244           | 5.25            |
| 25-06-23 | 10:15 | 31.2        | 31.2       | 30.5        | 86         | 28.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.2          | 43.8          | 43.8         | ---           | 999.2  | 0.00 | 0.0          | 216           | 4.64            |
| 25-06-23 | 10:30 | 31.8        | 31.9       | 31.2        | 84         | 28.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.8          | 45.9          | 45.9         | ---           | 999.0  | 0.00 | 0.0          | 154           | 3.31            |
| 25-06-23 | 10:45 | 32.6        | 32.7       | 31.8        | 76         | 27.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.6          | 45.1          | 45.1         | ---           | 999.0  | 0.00 | 0.0          | 66            | 1.42            |
| 25-06-23 | 11:00 | 33.0        | 33.3       | 32.6        | 73         | 27.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 33.0          | 45.1          | 45.1         | ---           | 999.9  | 1.27 | 19.6         | 34            | 0.73            |
| 25-06-23 | 11:15 | 32.0        | 33.0       | 31.9        | 76         | 27.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 32.0          | 42.6          | 42.6         | ---           | 999.9  | 1.27 | 17.5         | 22            | 0.47            |
| 25-06-23 | 11:30 | 31.3        | 32.0       | 31.3        | 78         | 27.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.3          | 40.3          | 40.3         | ---           | 999.6  | 0.25 | 3.3          | 17            | 0.37            |
| 25-06-23 | 11:45 | 31.1        | 31.4       | 31.1        | 84         | 28.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 31.1          | 42.1          | 42.1         | ---           | 1000.2 | 0.00 | 0.0          | 10            | 0.22            |
| 25-06-23 | 12:00 | 30.6        | 31.1       | 30.6        | 84         | 27.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.6          | 40.6          | 40.6         | ---           | 999.9  | 0.00 | 0.0          | 2             | 0.04            |
| 25-06-23 | 12:15 | 30.3        | 30.9       | 30.3        | 82         | 26.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.3          | 38.9          | 38.9         | ---           | 1000.2 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 12:30 | 30.7        | 30.7       | 30.3        | 79         | 26.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.7          | 39.1          | 39.1         | ---           | 1000.3 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 12:45 | 30.4        | 30.8       | 30.4        | 79         | 26.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 30.4          | 38.3          | 38.3         | ---           | 1000.7 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 13:00 | 29.6        | 30.4       | 29.6        | 77         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 29.6          | 35.6          | 35.6         | ---           | 1000.7 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 13:15 | 28.9        | 29.7       | 28.9        | 83         | 25.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.9          | 35.4          | 35.4         | ---           | 1001.8 | 3.81 | 80.8         | 0             | 0.00            |

## SPAV 25-06-23

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | THSW<br>Index | Bar    | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy |
|----------|-------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|---------------|--------|------|--------------|---------------|-----------------|
| 25-06-23 | 13:30 | 28.1        | 28.9       | 28.1        | 83         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 28.1          | 33.0          | 33.0         | ---           | 1002.4 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 13:45 | 27.7        | 28.1       | 27.6        | 86         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.7          | 32.5          | 32.5         | ---           | 1002.8 | 0.25 | 0.0          | 0             | 0.00            |
| 25-06-23 | 14:00 | 27.4        | 27.8       | 27.4        | 88         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.4          | 31.9          | 31.9         | ---           | 1003.3 | 1.02 | 29.0         | 0             | 0.00            |
| 25-06-23 | 14:15 | 27.2        | 27.4       | 27.2        | 89         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.2          | 31.6          | 31.6         | ---           | 1004.1 | 0.25 | 3.8          | 0             | 0.00            |
| 25-06-23 | 14:30 | 26.8        | 27.3       | 26.8        | 90         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.8          | 30.8         | ---           | 1004.0 | 2.54 | 19.8         | 0             | 0.00            |
| 25-06-23 | 14:45 | 26.3        | 26.8       | 26.3        | 89         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.3          | 29.6          | 29.6         | ---           | 1003.7 | 1.02 | 11.2         | 0             | 0.00            |
| 25-06-23 | 15:00 | 25.8        | 26.3       | 25.8        | 87         | 23.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 25.8          | 28.4          | 28.4         | ---           | 1003.4 | 0.51 | 2.8          | 0             | 0.00            |
| 25-06-23 | 15:15 | 26.1        | 26.1       | 25.8        | 89         | 24.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.1          | 29.1          | 29.1         | ---           | 1003.6 | 0.76 | 2.8          | 0             | 0.00            |
| 25-06-23 | 15:30 | 25.8        | 26.1       | 25.8        | 88         | 23.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 25.8          | 28.4          | 28.4         | ---           | 1003.5 | 0.51 | 2.5          | 0             | 0.00            |
| 25-06-23 | 15:45 | 25.7        | 25.8       | 25.7        | 88         | 23.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 25.7          | 28.4          | 28.4         | ---           | 1003.3 | 0.51 | 2.5          | 0             | 0.00            |
| 25-06-23 | 16:00 | 25.9        | 25.9       | 25.7        | 90         | 24.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 25.9          | 28.8          | 28.8         | ---           | 1003.3 | 0.00 | 1.0          | 0             | 0.00            |
| 25-06-23 | 16:15 | 26.2        | 26.2       | 25.8        | 90         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.2          | 29.5          | 29.5         | ---           | 1003.2 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 16:30 | 26.3        | 26.3       | 26.2        | 90         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.3          | 29.6          | 29.6         | ---           | 1003.5 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 16:45 | 26.7        | 26.7       | 26.3        | 91         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.7          | 30.6          | 30.6         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 17:00 | 26.8        | 26.8       | 26.7        | 91         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 31.0          | 31.0         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 17:15 | 26.7        | 26.8       | 26.7        | 90         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.7          | 30.6          | 30.6         | ---           | 1003.7 | 0.25 | 0.0          | 0             | 0.00            |
| 25-06-23 | 17:30 | 26.8        | 26.8       | 26.7        | 90         | 25.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.7          | 30.7         | ---           | 1003.6 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 17:45 | 26.8        | 26.9       | 26.8        | 90         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.8          | 30.8         | ---           | 1003.3 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 18:00 | 27.1        | 27.1       | 26.8        | 90         | 25.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.1          | 31.4          | 31.4         | ---           | 1003.2 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 18:15 | 27.2        | 27.2       | 27.0        | 89         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.2          | 31.5          | 31.5         | ---           | 1003.0 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 18:30 | 27.3        | 27.3       | 27.2        | 89         | 25.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.3          | 31.9          | 31.9         | ---           | 1003.1 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 18:45 | 27.3        | 27.4       | 27.3        | 88         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.3          | 31.8          | 31.8         | ---           | 1003.3 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 19:00 | 27.2        | 27.4       | 27.2        | 89         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 27.2          | 31.6          | 31.6         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 19:15 | 26.9        | 27.2       | 26.9        | 90         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.9          | 31.1          | 31.1         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 19:30 | 26.8        | 26.9       | 26.8        | 90         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.8          | 30.8         | ---           | 1002.8 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 19:45 | 26.8        | 26.9       | 26.8        | 90         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.8          | 30.8         | ---           | 1002.5 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 20:00 | 26.8        | 26.8       | 26.8        | 90         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.8          | 30.8         | ---           | 1002.2 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 20:15 | 26.8        | 26.9       | 26.8        | 90         | 25.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.8          | 30.8         | ---           | 1002.1 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 20:30 | 26.8        | 26.8       | 26.7        | 91         | 25.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.8          | 30.8         | ---           | 1002.0 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 20:45 | 26.7        | 26.8       | 26.7        | 90         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.7          | 30.6          | 30.6         | ---           | 1001.7 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 21:00 | 26.8        | 26.8       | 26.7        | 89         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.6          | 30.6         | ---           | 1001.8 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 21:15 | 26.8        | 26.8       | 26.8        | 89         | 24.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.7          | 30.7         | ---           | 1002.0 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 21:30 | 26.8        | 26.8       | 26.8        | 89         | 24.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.8          | 30.6          | 30.6         | ---           | 1001.9 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 21:45 | 26.4        | 26.8       | 26.4        | 89         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.4          | 29.8          | 29.8         | ---           | 1001.7 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 22:00 | 26.4        | 26.4       | 26.3        | 90         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.4          | 29.9          | 29.9         | ---           | 1002.0 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 22:15 | 26.3        | 26.4       | 26.3        | 90         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.3          | 29.7          | 29.7         | ---           | 1002.1 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 22:30 | 26.4        | 26.5       | 26.3        | 90         | 24.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.4          | 29.9          | 29.9         | ---           | 1002.2 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 22:45 | 26.4        | 26.5       | 26.4        | 90         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.4          | 30.0          | 30.0         | ---           | 1002.3 | 0.25 | 0.0          | 0             | 0.00            |
| 25-06-23 | 23:00 | 26.3        | 26.5       | 26.3        | 91         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.3          | 29.9          | 29.9         | ---           | 1002.3 | 0.76 | 4.6          | 0             | 0.00            |
| 25-06-23 | 23:15 | 26.1        | 26.3       | 26.1        | 92         | 24.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 26.1          | 29.4          | 29.4         | ---           | 1002.5 | 0.25 | 3.3          | 0             | 0.00            |
| 25-06-23 | 23:30 | 25.9        | 26.2       | 25.9        | 92         | 24.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 25.9          | 29.2          | 29.2         | ---           | 1002.5 | 0.00 | 0.0          | 0             | 0.00            |
| 25-06-23 | 23:45 | 25.7        | 25.9       | 25.7        | 92         | 24.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 25.7          | 28.7          | 28.7         | ---           | 1002.5 | 0.00 | 0.0          | 4             | 0.09            |
| 26-06-23 | 00:00 | 25.8        | 25.8       | 25.7        | 92         | 24.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 25.8          | 28.8          | 28.8         | ---           | 1002.8 | 0.00 | 0.0          | 20            | 0.43            |

SPAV 19-06-23

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|-------------|-----------|
| 19-06-23 | 0:15  | 74            | 0.0      | 0.00    | 0.0   | 0.000    | 0.101    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1214         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 0:30  | 132           | 0.0      | 0.00    | 0.0   | 0.000    | 0.102    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1216         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 0:45  | 139           | 0.0      | 0.00    | 0.0   | 0.000    | 0.104    | 29.3    | 77     | 24.9   | 34.9    | 14.85  | 1.1213         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 1:00  | 199           | 0.6      | 0.06    | 0.7   | 0.000    | 0.106    | 29.4    | 77     | 24.9   | 35.1    | 14.85  | 1.1212         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 1:15  | 258           | 0.9      | 0.10    | 1.0   | 0.000    | 0.105    | 29.4    | 77     | 25.0   | 35.2    | 14.85  | 1.1210         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 1:30  | 297           | 1.1      | 0.12    | 1.3   | 0.000    | 0.108    | 29.3    | 77     | 24.9   | 34.9    | 14.85  | 1.1218         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 1:45  | 345           | 1.4      | 0.15    | 1.5   | 0.000    | 0.111    | 29.3    | 77     | 24.9   | 34.9    | 14.85  | 1.1218         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 2:00  | 404           | 1.8      | 0.19    | 1.9   | 0.000    | 0.113    | 29.4    | 77     | 24.9   | 35.1    | 14.85  | 1.1216         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 2:15  | 469           | 2.2      | 0.24    | 2.4   | 0.000    | 0.117    | 29.4    | 77     | 24.9   | 35.1    | 14.85  | 1.1219         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 2:30  | 501           | 2.6      | 0.28    | 2.8   | 0.000    | 0.124    | 29.3    | 78     | 25.0   | 35.1    | 15.16  | 1.1219         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 2:45  | 548           | 3.0      | 0.32    | 3.3   | 0.000    | 0.129    | 29.1    | 78     | 24.9   | 34.7    | 15.16  | 1.1229         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 3:00  | 584           | 3.5      | 0.38    | 3.7   | 0.000    | 0.131    | 28.9    | 78     | 24.7   | 34.3    | 15.17  | 1.1243         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 3:15  | 633           | 4.0      | 0.43    | 4.2   | 0.000    | 0.135    | 28.8    | 78     | 24.6   | 34.0    | 15.17  | 1.1249         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 3:30  | 677           | 4.4      | 0.47    | 4.7   | 0.000    | 0.135    | 28.6    | 77     | 24.2   | 33.4    | 14.88  | 1.1261         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 3:45  | 714           | 5.0      | 0.54    | 5.3   | 0.000    | 0.138    | 28.3    | 78     | 24.1   | 32.8    | 15.19  | 1.1274         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 4:00  | 745           | 5.4      | 0.58    | 5.7   | 0.000    | 0.141    | 28.2    | 77     | 23.8   | 32.2    | 14.90  | 1.1289         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 4:15  | 777           | 5.7      | 0.61    | 6.1   | 0.000    | 0.142    | 28.1    | 77     | 23.7   | 32.1    | 14.90  | 1.1292         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 4:30  | 798           | 6.3      | 0.68    | 6.6   | 0.000    | 0.146    | 28.1    | 77     | 23.6   | 31.9    | 14.90  | 1.1294         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 4:45  | 828           | 6.7      | 0.72    | 6.9   | 0.000    | 0.149    | 28.0    | 77     | 23.6   | 31.7    | 14.90  | 1.1296         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 5:00  | 840           | 6.9      | 0.74    | 7.1   | 0.000    | 0.152    | 28.1    | 77     | 23.7   | 32.1    | 14.90  | 1.1289         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 5:15  | 863           | 7.3      | 0.78    | 7.6   | 0.000    | 0.155    | 28.4    | 76     | 23.7   | 32.6    | 14.59  | 1.1276         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 5:30  | 868           | 7.6      | 0.81    | 7.8   | 0.000    | 0.159    | 28.3    | 76     | 23.7   | 32.4    | 14.59  | 1.1279         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 5:45  | 907           | 8.0      | 0.86    | 8.2   | 0.000    | 0.163    | 28.0    | 76     | 23.4   | 31.6    | 14.60  | 1.1296         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 6:00  | 967           | 8.3      | 0.89    | 8.5   | 0.000    | 0.166    | 27.8    | 76     | 23.2   | 31.1    | 14.61  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 6:15  | 991           | 8.2      | 0.88    | 8.6   | 0.000    | 0.167    | 27.7    | 76     | 23.1   | 30.9    | 14.61  | 1.1306         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 6:30  | 896           | 7.9      | 0.85    | 8.0   | 0.000    | 0.170    | 27.7    | 76     | 23.1   | 30.9    | 14.61  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 6:45  | 956           | 7.9      | 0.85    | 8.2   | 0.000    | 0.170    | 27.7    | 76     | 23.1   | 30.7    | 14.61  | 1.1305         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 7:00  | 1020          | 8.2      | 0.88    | 8.4   | 0.000    | 0.172    | 27.7    | 76     | 23.1   | 30.7    | 14.61  | 1.1302         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 7:15  | 881           | 6.5      | 0.70    | 7.8   | 0.000    | 0.171    | 27.7    | 76     | 23.1   | 30.7    | 14.61  | 1.1301         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 7:30  | 921           | 6.3      | 0.68    | 7.3   | 0.000    | 0.172    | 27.7    | 75     | 22.8   | 30.6    | 14.31  | 1.1301         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 7:45  | 557           | 4.6      | 0.49    | 5.3   | 0.000    | 0.172    | 27.6    | 75     | 22.8   | 30.5    | 14.32  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 8:00  | 819           | 5.0      | 0.54    | 5.9   | 0.000    | 0.172    | 27.5    | 76     | 22.9   | 30.4    | 14.62  | 1.1300         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 8:15  | 942           | 5.3      | 0.57    | 6.3   | 0.000    | 0.175    | 27.4    | 76     | 22.8   | 30.3    | 14.62  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 8:30  | 617           | 3.8      | 0.41    | 4.7   | 0.000    | 0.173    | 27.4    | 76     | 22.8   | 30.2    | 14.62  | 1.1305         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 8:45  | 809           | 4.4      | 0.47    | 5.2   | 0.000    | 0.174    | 27.4    | 76     | 22.8   | 30.2    | 14.62  | 1.1304         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 9:00  | 489           | 3.4      | 0.36    | 3.9   | 0.000    | 0.173    | 27.3    | 76     | 22.7   | 30.1    | 14.63  | 1.1305         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 9:15  | 661           | 3.8      | 0.41    | 4.1   | 0.000    | 0.178    | 27.3    | 76     | 22.7   | 30.1    | 14.63  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 9:30  | 580           | 3.3      | 0.35    | 3.4   | 0.000    | 0.181    | 27.4    | 76     | 22.8   | 30.2    | 14.62  | 1.1297         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 9:45  | 561           | 2.8      | 0.30    | 3.1   | 0.000    | 0.182    | 27.4    | 76     | 22.8   | 30.2    | 14.62  | 1.1296         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 10:00 | 482           | 2.4      | 0.26    | 2.6   | 0.000    | 0.183    | 27.2    | 76     | 22.6   | 29.8    | 14.63  | 1.1304         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 10:15 | 415           | 2.0      | 0.21    | 2.2   | 0.000    | 0.182    | 27.2    | 76     | 22.6   | 29.7    | 14.63  | 1.1306         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 10:30 | 369           | 1.6      | 0.17    | 1.8   | 0.000    | 0.184    | 27.2    | 76     | 22.6   | 29.7    | 14.63  | 1.1306         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 10:45 | 359           | 1.3      | 0.14    | 1.5   | 0.000    | 0.183    | 27.2    | 76     | 22.6   | 29.8    | 14.63  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 11:00 | 285           | 1.0      | 0.11    | 1.1   | 0.000    | 0.183    | 27.5    | 75     | 22.7   | 30.2    | 14.32  | 1.1292         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 11:15 | 264           | 0.7      | 0.07    | 0.9   | 0.000    | 0.181    | 27.5    | 75     | 22.7   | 30.2    | 14.32  | 1.1293         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 11:30 | 223           | 0.6      | 0.06    | 0.7   | 0.000    | 0.181    | 27.2    | 75     | 22.3   | 29.6    | 14.33  | 1.1314         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 11:45 | 160           | 0.0      | 0.00    | 0.5   | 0.000    | 0.180    | 27.1    | 75     | 22.2   | 29.4    | 14.34  | 1.1321         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 12:00 | 81            | 0.0      | 0.00    | 0.0   | 0.000    | 0.177    | 27.2    | 75     | 22.4   | 29.7    | 14.33  | 1.1312         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 12:15 | 30            | 0.0      | 0.00    | 0.0   | 0.000    | 0.175    | 27.3    | 75     | 22.5   | 29.9    | 14.33  | 1.1308         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 12:30 | 9             | 0.0      | 0.00    | 0.0   | 0.000    | 0.174    | 27.6    | 75     | 22.8   | 30.5    | 14.32  | 1.1294         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 12:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.170    | 27.8    | 75     | 23.0   | 31.0    | 14.31  | 1.1283         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 13:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.168    | 27.9    | 75     | 23.1   | 31.3    | 14.30  | 1.1280         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 13:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.167    | 28.1    | 75     | 23.2   | 31.6    | 14.30  | 1.1276         | 0.00 | 0         | 4       | 0.0         | 15        |

SPAV 19-06-23

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|-------------|-----------|
| 19-06-23 | 13:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.166    | 28.2    | 75     | 23.4   | 32.0    | 14.29  | 1.1269         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 13:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.166    | 28.3    | 75     | 23.5   | 32.3    | 14.29  | 1.1266         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 14:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.163    | 28.4    | 75     | 23.5   | 32.4    | 14.29  | 1.1266         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 14:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.160    | 28.4    | 75     | 23.6   | 32.6    | 14.29  | 1.1265         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 14:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.159    | 28.4    | 75     | 23.6   | 32.6    | 14.29  | 1.1269         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 14:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.158    | 28.5    | 75     | 23.6   | 32.7    | 14.28  | 1.1268         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 15:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.156    | 28.6    | 75     | 23.7   | 32.8    | 14.28  | 1.1266         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 15:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.156    | 28.6    | 75     | 23.7   | 33.0    | 14.28  | 1.1265         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 15:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.155    | 28.6    | 75     | 23.7   | 33.0    | 14.28  | 1.1268         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 15:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.155    | 28.7    | 75     | 23.8   | 33.2    | 14.28  | 1.1266         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 16:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.155    | 28.8    | 75     | 23.9   | 33.4    | 14.27  | 1.1262         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 16:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.144    | 28.8    | 75     | 24.0   | 33.6    | 14.27  | 1.1262         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 16:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.141    | 28.8    | 75     | 23.9   | 33.4    | 14.27  | 1.1266         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 16:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.138    | 28.8    | 75     | 24.0   | 33.6    | 14.27  | 1.1265         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 17:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.134    | 28.8    | 75     | 24.0   | 33.6    | 14.27  | 1.1266         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 17:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.133    | 28.9    | 75     | 24.0   | 33.7    | 14.27  | 1.1262         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 17:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.131    | 29.0    | 75     | 24.1   | 33.9    | 14.27  | 1.1254         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 17:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 29.0    | 75     | 24.1   | 33.9    | 14.27  | 1.1251         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 18:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 29.1    | 75     | 24.2   | 34.1    | 14.26  | 1.1246         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 18:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.126    | 29.1    | 75     | 24.2   | 34.2    | 14.26  | 1.1240         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 18:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 29.1    | 76     | 24.4   | 34.2    | 14.56  | 1.1237         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 18:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 29.1    | 76     | 24.4   | 34.2    | 14.56  | 1.1234         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 19:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.122    | 29.1    | 76     | 24.4   | 34.2    | 14.56  | 1.1235         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 19:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.120    | 29.1    | 76     | 24.4   | 34.3    | 14.56  | 1.1230         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 19:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 29.1    | 76     | 24.4   | 34.3    | 14.56  | 1.1229         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 19:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1220         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 20:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.120    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1227         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 20:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 29.3    | 77     | 24.8   | 34.8    | 14.86  | 1.1222         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 20:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.120    | 29.3    | 77     | 24.8   | 34.8    | 14.86  | 1.1223         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 20:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.116    | 29.1    | 77     | 24.7   | 34.6    | 14.86  | 1.1232         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 21:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.114    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1228         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 21:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.113    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1226         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 21:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1226         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 21:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1226         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 22:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1223         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 22:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.113    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1223         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 22:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.113    | 29.3    | 77     | 24.8   | 34.8    | 14.86  | 1.1221         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 22:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.112    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1223         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 23:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1228         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 23:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.112    | 29.2    | 77     | 24.7   | 34.7    | 14.86  | 1.1228         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 23:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1222         | 0.00 | 0         | 4       | 0.0         | 15        |
| 19-06-23 | 23:45 | 12            | 0.0      | 0.00    | 0.0   | 0.000    | 0.112    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1222         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 00:00 | 32            | 0.0      | 0.00    | 0.0   | 0.000    | 0.113    | 29.2    | 77     | 24.8   | 34.8    | 14.86  | 1.1229         | 0.00 | 0         | 4       | 0.0         | 15        |



| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|-------------|-----------|
| 20-06-23 | 0:15  | 53            | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 29.3    | 77     | 24.8   | 34.8    | 14.86  | 1.1231         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 0:30  | 74            | 0.0      | 0.00    | 0.0   | 0.000    | 0.116    | 29.3    | 77     | 24.9   | 34.9    | 14.85  | 1.1233         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 0:45  | 90            | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 29.4    | 77     | 24.9   | 35.1    | 14.85  | 1.1230         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 1:00  | 105           | 0.3      | 0.03    | 0.5   | 0.000    | 0.115    | 29.3    | 77     | 24.8   | 34.8    | 14.86  | 1.1238         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 1:15  | 123           | 0.6      | 0.06    | 0.7   | 0.000    | 0.116    | 29.3    | 77     | 24.9   | 34.9    | 14.85  | 1.1235         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 1:30  | 151           | 0.8      | 0.09    | 0.9   | 0.000    | 0.117    | 29.4    | 77     | 24.9   | 35.1    | 14.85  | 1.1233         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 1:45  | 185           | 1.0      | 0.11    | 1.1   | 0.000    | 0.119    | 29.4    | 77     | 25.0   | 35.2    | 14.85  | 1.1233         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 2:00  | 197           | 1.2      | 0.13    | 1.3   | 0.000    | 0.123    | 29.5    | 77     | 25.0   | 35.3    | 14.84  | 1.1235         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 2:15  | 227           | 1.4      | 0.15    | 1.5   | 0.000    | 0.124    | 29.3    | 77     | 24.9   | 34.9    | 14.85  | 1.1243         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 2:30  | 257           | 1.6      | 0.17    | 1.7   | 0.000    | 0.125    | 29.2    | 78     | 25.0   | 34.9    | 15.16  | 1.1245         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 2:45  | 295           | 1.9      | 0.20    | 2.0   | 0.000    | 0.126    | 29.1    | 78     | 24.8   | 34.7    | 15.16  | 1.1255         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 3:00  | 334           | 2.2      | 0.24    | 2.4   | 0.000    | 0.127    | 28.8    | 78     | 24.6   | 34.0    | 15.17  | 1.1270         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 3:15  | 420           | 2.7      | 0.29    | 3.0   | 0.000    | 0.131    | 28.6    | 77     | 24.1   | 33.2    | 14.88  | 1.1289         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 3:30  | 475           | 3.3      | 0.35    | 3.5   | 0.000    | 0.135    | 28.4    | 77     | 24.0   | 32.8    | 14.89  | 1.1297         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 3:45  | 656           | 3.8      | 0.41    | 4.7   | 0.000    | 0.138    | 28.3    | 77     | 23.9   | 32.5    | 14.89  | 1.1302         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 4:00  | 652           | 4.4      | 0.47    | 4.7   | 0.000    | 0.139    | 28.2    | 77     | 23.8   | 32.3    | 14.89  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 4:15  | 622           | 4.6      | 0.49    | 5.1   | 0.000    | 0.142    | 28.1    | 77     | 23.7   | 32.1    | 14.90  | 1.1309         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 4:30  | 745           | 5.3      | 0.57    | 6.1   | 0.000    | 0.146    | 28.1    | 77     | 23.6   | 31.9    | 14.90  | 1.1309         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 4:45  | 814           | 6.3      | 0.68    | 6.8   | 0.000    | 0.149    | 28.1    | 77     | 23.6   | 31.9    | 14.90  | 1.1309         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 5:00  | 849           | 6.9      | 0.74    | 7.2   | 0.000    | 0.153    | 28.0    | 77     | 23.6   | 31.7    | 14.90  | 1.1312         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 5:15  | 831           | 6.3      | 0.68    | 7.0   | 0.000    | 0.155    | 27.8    | 77     | 23.4   | 31.3    | 14.91  | 1.1319         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 5:30  | 854           | 6.8      | 0.73    | 7.4   | 0.000    | 0.157    | 27.9    | 77     | 23.5   | 31.6    | 14.90  | 1.1310         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 5:45  | 896           | 7.2      | 0.77    | 7.8   | 0.000    | 0.159    | 28.2    | 76     | 23.5   | 32.0    | 14.60  | 1.1302         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 6:00  | 932           | 7.4      | 0.79    | 8.0   | 0.000    | 0.163    | 28.2    | 76     | 23.6   | 32.2    | 14.59  | 1.1296         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 6:15  | 902           | 7.2      | 0.77    | 7.9   | 0.000    | 0.164    | 28.4    | 75     | 23.5   | 32.4    | 14.29  | 1.1287         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 6:30  | 928           | 7.8      | 0.84    | 8.2   | 0.000    | 0.170    | 28.5    | 75     | 23.6   | 32.7    | 14.28  | 1.1277         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 6:45  | 889           | 7.6      | 0.81    | 7.9   | 0.000    | 0.170    | 28.7    | 75     | 23.8   | 33.3    | 14.28  | 1.1260         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 7:00  | 856           | 6.9      | 0.74    | 7.6   | 0.000    | 0.174    | 28.9    | 75     | 24.1   | 33.8    | 14.27  | 1.1244         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 7:15  | 833           | 6.4      | 0.69    | 7.2   | 0.000    | 0.175    | 29.1    | 75     | 24.2   | 34.2    | 14.26  | 1.1232         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 7:30  | 888           | 7.2      | 0.77    | 7.6   | 0.000    | 0.179    | 29.2    | 75     | 24.3   | 34.3    | 14.26  | 1.1224         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 7:45  | 840           | 6.8      | 0.73    | 7.0   | 0.000    | 0.179    | 29.3    | 75     | 24.4   | 34.6    | 14.25  | 1.1218         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 8:00  | 814           | 6.1      | 0.65    | 6.7   | 0.000    | 0.183    | 29.4    | 74     | 24.3   | 34.6    | 13.85  | 1.1212         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 8:15  | 719           | 5.3      | 0.57    | 5.7   | 0.000    | 0.182    | 29.5    | 75     | 24.6   | 34.9    | 14.25  | 1.1204         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 8:30  | 710           | 5.2      | 0.56    | 5.4   | 0.000    | 0.182    | 29.7    | 75     | 24.8   | 35.3    | 14.23  | 1.1193         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 8:45  | 687           | 4.8      | 0.51    | 5.1   | 0.000    | 0.183    | 29.3    | 75     | 24.4   | 34.6    | 14.25  | 1.1208         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 9:00  | 686           | 4.4      | 0.47    | 4.7   | 0.000    | 0.186    | 29.0    | 75     | 24.1   | 33.9    | 14.27  | 1.1225         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 9:15  | 717           | 3.6      | 0.39    | 4.3   | 0.000    | 0.186    | 28.7    | 75     | 23.8   | 33.3    | 14.28  | 1.1239         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 9:30  | 679           | 3.5      | 0.38    | 3.7   | 0.000    | 0.188    | 28.5    | 75     | 23.6   | 32.7    | 14.28  | 1.1249         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 9:45  | 659           | 3.2      | 0.34    | 3.5   | 0.000    | 0.189    | 28.4    | 75     | 23.5   | 32.4    | 14.29  | 1.1254         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 10:00 | 598           | 2.0      | 0.21    | 3.0   | 0.000    | 0.189    | 28.2    | 75     | 23.4   | 32.0    | 14.29  | 1.1262         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 10:15 | 573           | 1.8      | 0.19    | 2.4   | 0.000    | 0.185    | 28.1    | 75     | 23.2   | 31.6    | 14.30  | 1.1272         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 10:30 | 427           | 1.2      | 0.13    | 1.7   | 0.000    | 0.185    | 27.9    | 75     | 23.0   | 31.1    | 14.31  | 1.1281         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 10:45 | 299           | 0.9      | 0.10    | 1.2   | 0.000    | 0.183    | 27.7    | 75     | 22.9   | 30.7    | 14.31  | 1.1292         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 11:00 | 137           | 0.5      | 0.05    | 0.6   | 0.000    | 0.182    | 27.8    | 75     | 22.9   | 30.8    | 14.31  | 1.1286         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 11:15 | 137           | 0.0      | 0.00    | 0.0   | 0.000    | 0.182    | 28.1    | 75     | 23.2   | 31.6    | 14.30  | 1.1273         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 11:30 | 181           | 0.0      | 0.00    | 0.0   | 0.000    | 0.185    | 28.3    | 75     | 23.4   | 32.1    | 14.29  | 1.1262         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 11:45 | 172           | 0.0      | 0.00    | 0.0   | 0.000    | 0.183    | 28.5    | 74     | 23.4   | 32.5    | 13.88  | 1.1256         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 12:00 | 77            | 0.0      | 0.00    | 0.0   | 0.000    | 0.180    | 28.6    | 74     | 23.5   | 32.8    | 13.88  | 1.1252         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 12:15 | 39            | 0.0      | 0.00    | 0.0   | 0.000    | 0.180    | 28.7    | 74     | 23.6   | 32.9    | 13.88  | 1.1250         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 12:30 | 16            | 0.0      | 0.00    | 0.0   | 0.000    | 0.179    | 28.7    | 74     | 23.6   | 33.1    | 13.88  | 1.1251         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 12:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.172    | 28.9    | 74     | 23.8   | 33.5    | 13.87  | 1.1244         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 13:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.169    | 29.1    | 74     | 23.9   | 33.8    | 13.86  | 1.1237         | 0.00 | 0         | 4       | 0.0         | 15        |
| 20-06-23 | 13:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.170    | 29.1    | 74     | 23.9   | 33.8    | 13.86  | 1.1238         | 0.00 | 0         | 4       | 0.0         | 15        |

SPAV 20-06-23

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 20-06-23 | 13:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.170    | 29.1    | 74     | 24.0   | 33.9    | 13.86  | 1.1236         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 13:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.169    | 28.9    | 74     | 23.8   | 33.6    | 13.87  | 1.1249         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 14:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.165    | 29.0    | 74     | 23.9   | 33.7    | 13.87  | 1.1249         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 14:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.164    | 29.1    | 74     | 23.9   | 33.8    | 13.86  | 1.1250         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 14:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.156    | 29.1    | 74     | 24.0   | 33.9    | 13.86  | 1.1250         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 14:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.150    | 29.2    | 74     | 24.1   | 34.1    | 13.86  | 1.1251         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 15:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.146    | 29.2    | 75     | 24.3   | 34.3    | 14.26  | 1.1246         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 15:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.141    | 29.3    | 75     | 24.4   | 34.6    | 14.25  | 1.1243         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 15:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 29.5    | 76     | 24.8   | 35.1    | 14.54  | 1.1231         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 15:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 29.4    | 76     | 24.8   | 35.0    | 14.55  | 1.1235         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 16:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.134    | 29.4    | 76     | 24.8   | 35.0    | 14.55  | 1.1236         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 16:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 29.4    | 76     | 24.8   | 35.0    | 14.55  | 1.1239         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 16:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.133    | 29.5    | 77     | 25.0   | 35.3    | 14.84  | 1.1233         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 16:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.131    | 29.6    | 76     | 24.9   | 35.2    | 14.54  | 1.1236         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 17:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 29.6    | 77     | 25.1   | 35.6    | 14.83  | 1.1226         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 17:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.129    | 29.7    | 77     | 25.2   | 35.7    | 14.83  | 1.1224         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 17:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 29.7    | 77     | 25.2   | 35.7    | 14.83  | 1.1223         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 17:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 29.7    | 77     | 25.3   | 35.8    | 14.82  | 1.1223         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 18:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1220         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 18:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1217         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 18:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.116    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1220         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 18:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1220         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 19:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1214         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 19:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1216         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 19:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 29.7    | 79     | 25.7   | 36.2    | 15.42  | 1.1204         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 19:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.120    | 29.8    | 78     | 25.5   | 36.2    | 15.10  | 1.1206         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 20:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.120    | 29.7    | 79     | 25.7   | 36.2    | 15.42  | 1.1202         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 20:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1211         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 20:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1210         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 20:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1210         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 21:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.116    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1204         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 21:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.113    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1204         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 21:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.112    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1201         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 21:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1199         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 22:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.7    | 78     | 25.5   | 36.1    | 15.11  | 1.1196         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 22:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1201         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 22:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.109    | 29.6    | 78     | 25.3   | 35.7    | 15.13  | 1.1204         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 22:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.109    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1203         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 23:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.109    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1203         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 23:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.110    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1204         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 23:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.109    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1206         | 0.00 | 0         | 4       | 0.0        | 15        |
| 20-06-23 | 23:45 | 14            | 0.0      | 0.00    | 0.0   | 0.000    | 0.109    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1208         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 00:00 | 35            | 0.0      | 0.00    | 0.0   | 0.000    | 0.108    | 29.7    | 78     | 25.5   | 36.1    | 15.11  | 1.1204         | 0.00 | 0         | 4       | 0.0        | 15        |

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 21-06-23 | 0:15  | 56            | 0.0      | 0.00    | 0.0   | 0.000    | 0.108    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1212         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 0:30  | 77            | 0.0      | 0.00    | 0.0   | 0.000    | 0.108    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1214         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 0:45  | 113           | 0.0      | 0.00    | 0.0   | 0.000    | 0.108    | 29.6    | 78     | 25.4   | 35.8    | 15.13  | 1.1218         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 1:00  | 172           | 0.6      | 0.06    | 0.7   | 0.000    | 0.112    | 29.7    | 78     | 25.4   | 35.9    | 15.12  | 1.1214         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 1:15  | 250           | 0.9      | 0.10    | 1.0   | 0.000    | 0.114    | 29.7    | 78     | 25.5   | 36.1    | 15.11  | 1.1211         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 1:30  | 371           | 1.2      | 0.13    | 1.4   | 0.000    | 0.116    | 29.8    | 78     | 25.5   | 36.2    | 15.10  | 1.1214         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 1:45  | 387           | 1.6      | 0.17    | 1.7   | 0.000    | 0.120    | 29.8    | 78     | 25.6   | 36.3    | 15.09  | 1.1211         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 2:00  | 443           | 1.9      | 0.20    | 2.1   | 0.000    | 0.123    | 29.9    | 77     | 25.4   | 36.2    | 14.80  | 1.1214         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 2:15  | 438           | 2.2      | 0.24    | 2.3   | 0.000    | 0.127    | 29.9    | 77     | 25.5   | 36.4    | 14.80  | 1.1208         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 2:30  | 527           | 2.7      | 0.29    | 3.0   | 0.000    | 0.129    | 29.8    | 77     | 25.4   | 36.1    | 14.81  | 1.1215         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 2:45  | 580           | 3.3      | 0.35    | 3.5   | 0.000    | 0.133    | 29.9    | 77     | 25.5   | 36.4    | 14.80  | 1.1209         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 3:00  | 619           | 3.6      | 0.39    | 4.0   | 0.000    | 0.134    | 29.9    | 77     | 25.5   | 36.4    | 14.80  | 1.1209         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 3:15  | 647           | 4.0      | 0.43    | 4.2   | 0.000    | 0.137    | 30.0    | 77     | 25.5   | 36.5    | 14.79  | 1.1206         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 3:30  | 652           | 4.4      | 0.47    | 4.7   | 0.000    | 0.138    | 30.0    | 77     | 25.5   | 36.5    | 14.79  | 1.1206         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 3:45  | 747           | 5.1      | 0.55    | 5.5   | 0.000    | 0.141    | 30.1    | 76     | 25.4   | 36.4    | 14.48  | 1.1206         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 4:00  | 803           | 5.8      | 0.62    | 6.2   | 0.000    | 0.144    | 30.2    | 76     | 25.5   | 36.8    | 14.47  | 1.1199         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 4:15  | 823           | 6.3      | 0.68    | 6.4   | 0.000    | 0.146    | 30.2    | 76     | 25.5   | 36.9    | 14.47  | 1.1195         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 4:30  | 849           | 6.6      | 0.71    | 6.9   | 0.000    | 0.147    | 30.2    | 76     | 25.5   | 36.9    | 14.47  | 1.1194         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 4:45  | 860           | 7.2      | 0.77    | 7.3   | 0.000    | 0.151    | 30.2    | 76     | 25.5   | 36.8    | 14.47  | 1.1195         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 5:00  | 879           | 7.5      | 0.80    | 7.7   | 0.000    | 0.152    | 30.2    | 76     | 25.5   | 36.9    | 14.47  | 1.1190         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 5:15  | 884           | 7.8      | 0.84    | 7.9   | 0.000    | 0.153    | 30.3    | 76     | 25.6   | 37.1    | 14.46  | 1.1186         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 5:30  | 895           | 8.1      | 0.87    | 8.2   | 0.000    | 0.156    | 30.3    | 76     | 25.6   | 37.2    | 14.45  | 1.1181         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 5:45  | 898           | 8.2      | 0.88    | 8.3   | 0.000    | 0.157    | 30.4    | 76     | 25.7   | 37.4    | 14.45  | 1.1175         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 6:00  | 914           | 8.3      | 0.89    | 8.4   | 0.000    | 0.157    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1174         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 6:15  | 914           | 8.4      | 0.90    | 8.5   | 0.000    | 0.158    | 30.6    | 75     | 25.6   | 37.6    | 14.17  | 1.1164         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 6:30  | 911           | 8.4      | 0.90    | 8.5   | 0.000    | 0.160    | 30.6    | 75     | 25.7   | 37.7    | 14.17  | 1.1158         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 6:45  | 930           | 8.3      | 0.89    | 8.5   | 0.000    | 0.166    | 30.6    | 75     | 25.6   | 37.6    | 14.17  | 1.1160         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 7:00  | 944           | 7.2      | 0.77    | 8.2   | 0.000    | 0.167    | 30.7    | 75     | 25.7   | 37.8    | 14.16  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 7:15  | 916           | 7.8      | 0.84    | 8.1   | 0.000    | 0.171    | 30.8    | 74     | 25.6   | 37.7    | 13.80  | 1.1147         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 7:30  | 879           | 7.5      | 0.80    | 7.7   | 0.000    | 0.172    | 30.8    | 74     | 25.7   | 37.8    | 13.80  | 1.1140         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 7:45  | 865           | 7.1      | 0.76    | 7.3   | 0.000    | 0.177    | 30.9    | 74     | 25.7   | 37.9    | 13.80  | 1.1133         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 8:00  | 837           | 6.4      | 0.69    | 6.9   | 0.000    | 0.176    | 31.0    | 74     | 25.8   | 38.1    | 13.79  | 1.1126         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 8:15  | 816           | 6.0      | 0.64    | 6.5   | 0.000    | 0.179    | 31.1    | 74     | 25.9   | 38.2    | 13.79  | 1.1119         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 8:30  | 773           | 5.4      | 0.58    | 5.7   | 0.000    | 0.179    | 31.2    | 74     | 26.0   | 38.5    | 13.79  | 1.1110         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 8:45  | 740           | 4.8      | 0.51    | 5.4   | 0.000    | 0.182    | 31.2    | 74     | 26.0   | 38.5    | 13.79  | 1.1108         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 9:00  | 673           | 4.0      | 0.43    | 4.3   | 0.000    | 0.183    | 31.2    | 74     | 26.0   | 38.5    | 13.79  | 1.1106         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 9:15  | 524           | 3.4      | 0.36    | 3.7   | 0.000    | 0.182    | 31.2    | 73     | 25.7   | 38.2    | 13.49  | 1.1108         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 9:30  | 531           | 3.2      | 0.34    | 3.4   | 0.000    | 0.182    | 31.2    | 73     | 25.8   | 38.4    | 13.49  | 1.1106         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 9:45  | 503           | 2.8      | 0.30    | 3.0   | 0.000    | 0.182    | 31.2    | 73     | 25.8   | 38.4    | 13.49  | 1.1104         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 10:00 | 496           | 2.3      | 0.25    | 2.7   | 0.000    | 0.182    | 31.2    | 73     | 25.8   | 38.4    | 13.49  | 1.1103         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 10:15 | 410           | 1.7      | 0.18    | 2.0   | 0.000    | 0.182    | 31.3    | 73     | 25.9   | 38.7    | 13.48  | 1.1099         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 10:30 | 309           | 1.3      | 0.14    | 1.5   | 0.000    | 0.180    | 31.2    | 73     | 25.8   | 38.4    | 13.49  | 1.1103         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 10:45 | 299           | 1.1      | 0.12    | 1.3   | 0.000    | 0.182    | 31.2    | 73     | 25.7   | 38.2    | 13.49  | 1.1106         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 11:00 | 322           | 1.0      | 0.11    | 1.1   | 0.000    | 0.185    | 31.1    | 73     | 25.7   | 38.0    | 13.49  | 1.1110         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 11:15 | 229           | 0.7      | 0.07    | 0.8   | 0.000    | 0.184    | 31.1    | 73     | 25.6   | 37.9    | 13.49  | 1.1115         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 11:30 | 178           | 0.3      | 0.03    | 0.6   | 0.000    | 0.183    | 31.0    | 73     | 25.6   | 37.8    | 13.49  | 1.1118         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 11:45 | 62            | 0.0      | 0.00    | 0.0   | 0.000    | 0.179    | 30.9    | 73     | 25.5   | 37.7    | 13.50  | 1.1122         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 12:00 | 56            | 0.0      | 0.00    | 0.0   | 0.000    | 0.179    | 30.9    | 73     | 25.5   | 37.7    | 13.50  | 1.1128         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 12:15 | 35            | 0.0      | 0.00    | 0.0   | 0.000    | 0.179    | 30.9    | 73     | 25.5   | 37.7    | 13.50  | 1.1125         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 12:30 | 12            | 0.0      | 0.00    | 0.0   | 0.000    | 0.179    | 30.9    | 73     | 25.5   | 37.7    | 13.50  | 1.1127         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 12:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.177    | 31.0    | 73     | 25.6   | 37.8    | 13.49  | 1.1127         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 13:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.175    | 30.9    | 73     | 25.5   | 37.7    | 13.50  | 1.1132         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 13:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.173    | 30.8    | 73     | 25.4   | 37.6    | 13.50  | 1.1139         | 0.00 | 0         | 4       | 0.0        | 15        |

SPAV 21-06-23

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 21-06-23 | 13:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.165    | 30.8    | 73     | 25.4   | 37.6    | 13.50  | 1.1142         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 13:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.161    | 30.8    | 73     | 25.4   | 37.4    | 13.50  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 14:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.158    | 30.8    | 73     | 25.4   | 37.6    | 13.50  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 14:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.150    | 30.8    | 74     | 25.7   | 37.8    | 13.80  | 1.1147         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 14:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.146    | 30.8    | 74     | 25.7   | 37.8    | 13.80  | 1.1149         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 14:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.145    | 30.8    | 74     | 25.7   | 37.8    | 13.80  | 1.1152         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 15:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.142    | 30.9    | 74     | 25.7   | 37.9    | 13.80  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 15:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.142    | 30.7    | 74     | 25.6   | 37.6    | 13.80  | 1.1162         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 15:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.140    | 30.7    | 74     | 25.6   | 37.6    | 13.80  | 1.1164         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 15:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.140    | 30.8    | 74     | 25.6   | 37.7    | 13.80  | 1.1162         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 16:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.138    | 30.8    | 74     | 25.6   | 37.7    | 13.80  | 1.1162         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 16:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.138    | 30.7    | 74     | 25.6   | 37.6    | 13.80  | 1.1166         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 16:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 30.7    | 74     | 25.6   | 37.6    | 13.80  | 1.1168         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 16:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 30.8    | 75     | 25.8   | 37.9    | 14.15  | 1.1160         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 17:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.133    | 30.8    | 75     | 25.8   | 37.9    | 14.15  | 1.1158         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 17:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.133    | 30.7    | 75     | 25.8   | 37.8    | 14.16  | 1.1161         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 17:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 30.7    | 75     | 25.7   | 37.8    | 14.16  | 1.1164         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 17:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 30.7    | 75     | 25.7   | 37.8    | 14.16  | 1.1165         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 18:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 30.7    | 75     | 25.7   | 37.8    | 14.16  | 1.1161         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 18:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 30.7    | 76     | 25.9   | 38.1    | 14.42  | 1.1158         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 18:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 30.7    | 76     | 25.9   | 38.1    | 14.42  | 1.1159         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 18:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 30.7    | 76     | 26.0   | 38.2    | 14.41  | 1.1153         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 19:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 30.7    | 76     | 26.0   | 38.2    | 14.41  | 1.1153         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 19:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.122    | 30.8    | 76     | 26.1   | 38.3    | 14.41  | 1.1149         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 19:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 30.6    | 76     | 25.9   | 37.9    | 14.42  | 1.1157         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 19:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.125    | 30.6    | 76     | 25.8   | 37.8    | 14.43  | 1.1159         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 20:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.125    | 30.6    | 76     | 25.8   | 37.8    | 14.43  | 1.1157         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 20:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 30.6    | 75     | 25.6   | 37.6    | 14.17  | 1.1164         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 20:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 30.6    | 75     | 25.6   | 37.6    | 14.17  | 1.1163         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 20:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 30.6    | 75     | 25.6   | 37.6    | 14.17  | 1.1163         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 21:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.116    | 30.6    | 75     | 25.6   | 37.6    | 14.17  | 1.1162         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 21:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 30.6    | 75     | 25.7   | 37.7    | 14.17  | 1.1158         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 21:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 30.5    | 75     | 25.6   | 37.4    | 14.17  | 1.1164         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 21:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1167         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 22:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.116    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1167         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 22:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.114    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1168         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 22:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1169         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 22:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1170         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 23:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.115    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1169         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 23:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.114    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1173         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 23:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.113    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1175         | 0.00 | 0         | 4       | 0.0        | 15        |
| 21-06-23 | 23:45 | 16            | 0.0      | 0.00    | 0.0   | 0.000    | 0.112    | 30.3    | 75     | 25.4   | 37.0    | 14.19  | 1.1186         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 00:00 | 37            | 0.0      | 0.00    | 0.0   | 0.000    | 0.113    | 30.3    | 75     | 25.4   | 37.0    | 14.19  | 1.1187         | 0.00 | 0         | 4       | 0.0        | 15        |

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|-------------|-----------|
| 22-06-23 | 0:15  | 72            | 0.0      | 0.00    | 0.0   | 0.000    | 0.112    | 30.4    | 75     | 25.5   | 37.1    | 14.18  | 1.1185         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 0:30  | 120           | 0.0      | 0.00    | 0.0   | 0.000    | 0.112    | 30.4    | 75     | 25.5   | 37.1    | 14.18  | 1.1185         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 0:45  | 135           | 0.0      | 0.00    | 0.5   | 0.000    | 0.115    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1184         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 1:00  | 227           | 0.6      | 0.06    | 0.8   | 0.000    | 0.117    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1184         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 1:15  | 264           | 0.9      | 0.10    | 1.0   | 0.000    | 0.122    | 30.5    | 74     | 25.3   | 37.2    | 13.81  | 1.1186         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 1:30  | 343           | 1.3      | 0.14    | 1.4   | 0.000    | 0.123    | 30.6    | 74     | 25.4   | 37.3    | 13.81  | 1.1185         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 1:45  | 396           | 1.6      | 0.17    | 1.8   | 0.000    | 0.122    | 30.5    | 74     | 25.3   | 37.2    | 13.81  | 1.1189         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 2:00  | 431           | 1.9      | 0.20    | 2.1   | 0.000    | 0.125    | 30.5    | 74     | 25.3   | 37.2    | 13.81  | 1.1191         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 2:15  | 475           | 2.2      | 0.24    | 2.5   | 0.000    | 0.127    | 30.4    | 75     | 25.5   | 37.3    | 14.18  | 1.1191         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 2:30  | 503           | 2.7      | 0.29    | 2.9   | 0.000    | 0.131    | 30.3    | 75     | 25.3   | 36.8    | 14.19  | 1.1200         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 2:45  | 598           | 3.2      | 0.34    | 3.5   | 0.000    | 0.134    | 30.1    | 75     | 25.1   | 36.3    | 14.21  | 1.1214         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 3:00  | 664           | 3.5      | 0.38    | 3.9   | 0.000    | 0.137    | 29.8    | 75     | 24.9   | 35.7    | 14.22  | 1.1228         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 3:15  | 619           | 3.7      | 0.40    | 4.1   | 0.000    | 0.138    | 29.6    | 75     | 24.7   | 35.1    | 14.24  | 1.1244         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 3:30  | 622           | 4.1      | 0.44    | 4.3   | 0.000    | 0.140    | 29.3    | 75     | 24.4   | 34.6    | 14.25  | 1.1255         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 3:45  | 766           | 4.8      | 0.51    | 5.5   | 0.000    | 0.142    | 29.1    | 75     | 24.2   | 34.2    | 14.26  | 1.1266         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 4:00  | 810           | 5.6      | 0.60    | 6.0   | 0.000    | 0.146    | 28.8    | 75     | 24.0   | 33.6    | 14.27  | 1.1281         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 4:15  | 800           | 6.0      | 0.64    | 6.3   | 0.000    | 0.151    | 28.7    | 75     | 23.8   | 33.2    | 14.28  | 1.1290         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 4:30  | 826           | 6.2      | 0.66    | 6.5   | 0.000    | 0.153    | 28.7    | 75     | 23.8   | 33.2    | 14.28  | 1.1288         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 4:45  | 865           | 6.6      | 0.71    | 7.0   | 0.000    | 0.157    | 28.6    | 75     | 23.7   | 33.0    | 14.28  | 1.1290         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 5:00  | 780           | 6.5      | 0.70    | 6.9   | 0.000    | 0.158    | 28.6    | 75     | 23.7   | 32.8    | 14.28  | 1.1293         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 5:15  | 831           | 6.4      | 0.69    | 7.1   | 0.000    | 0.160    | 28.5    | 74     | 23.4   | 32.5    | 13.88  | 1.1297         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 5:30  | 870           | 7.0      | 0.75    | 7.7   | 0.000    | 0.161    | 28.5    | 74     | 23.4   | 32.5    | 13.88  | 1.1296         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 5:45  | 891           | 7.1      | 0.76    | 7.8   | 0.000    | 0.163    | 28.4    | 74     | 23.3   | 32.2    | 13.89  | 1.1298         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 6:00  | 923           | 7.7      | 0.82    | 8.2   | 0.000    | 0.168    | 28.3    | 74     | 23.3   | 32.1    | 13.89  | 1.1298         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 6:15  | 863           | 7.1      | 0.76    | 7.9   | 0.000    | 0.168    | 28.2    | 74     | 23.1   | 31.8    | 13.89  | 1.1303         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 6:30  | 951           | 8.1      | 0.87    | 8.4   | 0.000    | 0.170    | 28.2    | 74     | 23.1   | 31.8    | 13.89  | 1.1301         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 6:45  | 895           | 7.3      | 0.78    | 8.0   | 0.000    | 0.172    | 28.2    | 74     | 23.1   | 31.7    | 13.90  | 1.1302         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 7:00  | 768           | 6.6      | 0.71    | 7.1   | 0.000    | 0.171    | 28.1    | 74     | 23.0   | 31.6    | 13.90  | 1.1304         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 7:15  | 893           | 6.6      | 0.71    | 7.6   | 0.000    | 0.174    | 28.1    | 74     | 23.0   | 31.6    | 13.90  | 1.1300         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 7:30  | 788           | 6.5      | 0.70    | 7.0   | 0.000    | 0.177    | 28.1    | 74     | 23.0   | 31.6    | 13.90  | 1.1297         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 7:45  | 819           | 6.5      | 0.70    | 6.9   | 0.000    | 0.178    | 28.1    | 74     | 23.0   | 31.4    | 13.90  | 1.1297         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 8:00  | 814           | 6.2      | 0.66    | 6.6   | 0.000    | 0.179    | 28.1    | 74     | 23.0   | 31.4    | 13.90  | 1.1294         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 8:15  | 814           | 5.9      | 0.63    | 6.2   | 0.000    | 0.187    | 27.9    | 74     | 22.8   | 31.0    | 13.91  | 1.1299         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 8:30  | 798           | 5.6      | 0.60    | 6.1   | 0.000    | 0.183    | 27.9    | 74     | 22.9   | 31.1    | 13.90  | 1.1293         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 8:45  | 761           | 5.3      | 0.57    | 5.4   | 0.000    | 0.185    | 27.9    | 74     | 22.9   | 31.1    | 13.90  | 1.1290         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 9:00  | 733           | 4.7      | 0.50    | 5.1   | 0.000    | 0.188    | 27.9    | 74     | 22.9   | 31.1    | 13.90  | 1.1284         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 9:15  | 640           | 3.8      | 0.41    | 4.4   | 0.000    | 0.188    | 27.9    | 74     | 22.9   | 31.1    | 13.90  | 1.1281         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 9:30  | 643           | 3.6      | 0.39    | 3.9   | 0.000    | 0.190    | 27.9    | 74     | 22.9   | 31.1    | 13.90  | 1.1279         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 9:45  | 599           | 3.2      | 0.34    | 3.4   | 0.000    | 0.192    | 27.9    | 74     | 22.9   | 31.1    | 13.90  | 1.1277         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 10:00 | 536           | 2.6      | 0.28    | 2.9   | 0.000    | 0.189    | 27.9    | 74     | 22.9   | 31.1    | 13.90  | 1.1274         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 10:15 | 445           | 2.1      | 0.22    | 2.2   | 0.000    | 0.190    | 27.8    | 74     | 22.8   | 30.8    | 13.91  | 1.1279         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 10:30 | 427           | 1.9      | 0.20    | 2.0   | 0.000    | 0.191    | 27.7    | 74     | 22.7   | 30.6    | 13.91  | 1.1286         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 10:45 | 404           | 1.5      | 0.16    | 1.7   | 0.000    | 0.190    | 27.7    | 74     | 22.6   | 30.4    | 13.91  | 1.1290         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 11:00 | 325           | 1.1      | 0.12    | 1.2   | 0.000    | 0.189    | 27.6    | 74     | 22.6   | 30.3    | 13.92  | 1.1291         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 11:15 | 251           | 0.8      | 0.09    | 1.0   | 0.000    | 0.189    | 27.6    | 74     | 22.5   | 30.2    | 13.92  | 1.1295         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 11:30 | 213           | 0.5      | 0.05    | 0.7   | 0.000    | 0.190    | 27.6    | 75     | 22.8   | 30.5    | 14.32  | 1.1289         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 11:45 | 151           | 0.0      | 0.00    | 0.0   | 0.000    | 0.186    | 28.0    | 74     | 22.9   | 31.3    | 13.90  | 1.1274         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 12:00 | 44            | 0.0      | 0.00    | 0.0   | 0.000    | 0.185    | 28.3    | 74     | 23.3   | 32.1    | 13.89  | 1.1258         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 12:15 | 25            | 0.0      | 0.00    | 0.0   | 0.000    | 0.184    | 28.6    | 74     | 23.5   | 32.8    | 13.88  | 1.1244         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 12:30 | 19            | 0.0      | 0.00    | 0.0   | 0.000    | 0.183    | 28.6    | 74     | 23.5   | 32.8    | 13.88  | 1.1245         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 12:45 | 11            | 0.0      | 0.00    | 0.0   | 0.000    | 0.182    | 28.7    | 74     | 23.6   | 33.1    | 13.88  | 1.1243         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 13:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.182    | 28.8    | 74     | 23.7   | 33.2    | 13.87  | 1.1241         | 0.00 | 0         | 4       | 0.0         | 15        |
| 22-06-23 | 13:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.181    | 28.8    | 74     | 23.7   | 33.4    | 13.87  | 1.1240         | 0.00 | 0         | 4       | 0.0         | 15        |

SPAV 22-06-23

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 22-06-23 | 13:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.181    | 28.9    | 74     | 23.8   | 33.5    | 13.87  | 1.1238         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 13:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.181    | 29.0    | 73     | 23.7   | 33.6    | 13.57  | 1.1238         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 14:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.182    | 29.1    | 73     | 23.8   | 33.8    | 13.56  | 1.1234         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 14:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.180    | 29.3    | 73     | 23.9   | 34.1    | 13.56  | 1.1227         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 14:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.178    | 29.2    | 73     | 23.9   | 33.9    | 13.56  | 1.1232         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 14:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.175    | 29.2    | 73     | 23.9   | 33.9    | 13.56  | 1.1236         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 15:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.161    | 29.3    | 73     | 24.0   | 34.2    | 13.55  | 1.1233         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 15:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.154    | 29.4    | 73     | 24.0   | 34.3    | 13.55  | 1.1232         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 15:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.151    | 29.5    | 73     | 24.1   | 34.6    | 13.55  | 1.1227         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 15:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.148    | 29.5    | 74     | 24.4   | 34.7    | 13.85  | 1.1224         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 16:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.147    | 29.6    | 74     | 24.4   | 34.8    | 13.85  | 1.1221         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 16:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.145    | 29.6    | 73     | 24.3   | 34.8    | 13.54  | 1.1223         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 16:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.143    | 29.7    | 74     | 24.6   | 35.3    | 13.84  | 1.1214         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 16:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.141    | 29.6    | 74     | 24.5   | 35.0    | 13.84  | 1.1220         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 17:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.140    | 29.7    | 74     | 24.5   | 35.1    | 13.84  | 1.1218         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 17:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 29.7    | 74     | 24.6   | 35.3    | 13.84  | 1.1215         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 17:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 29.7    | 74     | 24.6   | 35.3    | 13.84  | 1.1213         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 17:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.134    | 29.7    | 75     | 24.8   | 35.4    | 14.23  | 1.1207         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 18:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.133    | 29.8    | 75     | 24.9   | 35.6    | 14.23  | 1.1204         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 18:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.131    | 29.8    | 75     | 24.9   | 35.7    | 14.22  | 1.1200         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 18:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 29.9    | 75     | 25.0   | 36.0    | 14.21  | 1.1192         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 18:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 29.8    | 76     | 25.1   | 35.9    | 14.51  | 1.1194         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 19:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.129    | 29.9    | 76     | 25.2   | 36.1    | 14.50  | 1.1191         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 19:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.129    | 29.9    | 76     | 25.2   | 36.1    | 14.50  | 1.1191         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 19:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 29.9    | 76     | 25.2   | 36.1    | 14.50  | 1.1191         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 19:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 29.9    | 76     | 25.3   | 36.2    | 14.50  | 1.1186         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 20:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 30.0    | 77     | 25.5   | 36.5    | 14.79  | 1.1176         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 20:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 30.0    | 77     | 25.5   | 36.5    | 14.79  | 1.1176         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 20:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 30.1    | 77     | 25.6   | 36.7    | 14.78  | 1.1172         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 20:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.126    | 30.1    | 77     | 25.6   | 36.7    | 14.78  | 1.1170         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 21:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.133    | 29.9    | 77     | 25.5   | 36.4    | 14.80  | 1.1175         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 21:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.141    | 29.9    | 77     | 25.5   | 36.4    | 14.80  | 1.1174         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 21:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.140    | 30.0    | 76     | 25.3   | 36.3    | 14.49  | 1.1175         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 21:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.139    | 30.0    | 76     | 25.3   | 36.3    | 14.49  | 1.1174         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 22:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.140    | 30.0    | 76     | 25.3   | 36.3    | 14.49  | 1.1174         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 22:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.139    | 30.1    | 76     | 25.4   | 36.4    | 14.48  | 1.1171         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 22:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.138    | 30.1    | 75     | 25.1   | 36.3    | 14.21  | 1.1177         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 22:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 30.1    | 75     | 25.2   | 36.4    | 14.20  | 1.1175         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 23:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 30.1    | 75     | 25.1   | 36.3    | 14.21  | 1.1181         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 23:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 30.0    | 75     | 25.1   | 36.1    | 14.21  | 1.1186         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 23:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 30.0    | 75     | 25.1   | 36.1    | 14.21  | 1.1187         | 0.00 | 0         | 4       | 0.0        | 15        |
| 22-06-23 | 23:45 | 16            | 0.0      | 0.00    | 0.0   | 0.000    | 0.134    | 30.0    | 75     | 25.1   | 36.1    | 14.21  | 1.1188         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 00:00 | 40            | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 30.1    | 75     | 25.1   | 36.3    | 14.21  | 1.1186         | 0.00 | 0         | 4       | 0.0        | 15        |

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 23-06-23 | 0:15  | 88            | 0.0      | 0.00    | 0.0   | 0.000    | 0.136    | 30.1    | 74     | 25.0   | 36.2    | 13.83  | 1.1190         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 0:30  | 142           | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 30.2    | 74     | 25.0   | 36.3    | 13.82  | 1.1190         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 0:45  | 192           | 0.4      | 0.04    | 0.6   | 0.000    | 0.137    | 30.2    | 74     | 25.1   | 36.5    | 13.82  | 1.1190         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 1:00  | 234           | 0.7      | 0.07    | 0.8   | 0.000    | 0.137    | 30.3    | 74     | 25.1   | 36.6    | 13.82  | 1.1188         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 1:15  | 281           | 1.0      | 0.11    | 1.1   | 0.000    | 0.138    | 30.2    | 74     | 25.1   | 36.5    | 13.82  | 1.1194         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 1:30  | 316           | 1.2      | 0.13    | 1.3   | 0.000    | 0.139    | 30.2    | 74     | 25.1   | 36.5    | 13.82  | 1.1195         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 1:45  | 378           | 1.6      | 0.17    | 1.7   | 0.000    | 0.140    | 30.3    | 73     | 24.9   | 36.4    | 13.52  | 1.1198         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 2:00  | 427           | 1.9      | 0.20    | 2.1   | 0.000    | 0.142    | 30.3    | 73     | 24.9   | 36.4    | 13.52  | 1.1201         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 2:15  | 487           | 2.4      | 0.26    | 2.6   | 0.000    | 0.145    | 30.4    | 73     | 25.0   | 36.7    | 13.52  | 1.1195         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 2:30  | 534           | 2.8      | 0.30    | 3.1   | 0.000    | 0.144    | 30.4    | 72     | 24.8   | 36.4    | 13.22  | 1.1202         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 2:45  | 573           | 3.3      | 0.35    | 3.5   | 0.000    | 0.149    | 30.4    | 72     | 24.8   | 36.6    | 13.21  | 1.1200         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 3:00  | 610           | 3.8      | 0.41    | 4.0   | 0.000    | 0.152    | 30.6    | 72     | 24.9   | 36.8    | 13.21  | 1.1193         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 3:15  | 661           | 4.3      | 0.46    | 4.5   | 0.000    | 0.155    | 30.6    | 72     | 24.9   | 36.8    | 13.21  | 1.1192         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 3:30  | 698           | 4.7      | 0.50    | 5.1   | 0.000    | 0.156    | 30.5    | 73     | 25.1   | 36.9    | 13.51  | 1.1190         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 3:45  | 717           | 5.3      | 0.57    | 5.5   | 0.000    | 0.158    | 30.6    | 72     | 24.9   | 36.8    | 13.21  | 1.1191         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 4:00  | 759           | 5.7      | 0.61    | 6.0   | 0.000    | 0.161    | 30.6    | 72     | 25.0   | 36.9    | 13.21  | 1.1186         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 4:15  | 780           | 6.2      | 0.66    | 6.4   | 0.000    | 0.164    | 30.7    | 72     | 25.1   | 37.1    | 13.20  | 1.1176         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 4:30  | 810           | 6.7      | 0.72    | 6.8   | 0.000    | 0.170    | 30.8    | 72     | 25.1   | 37.2    | 13.20  | 1.1171         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 4:45  | 823           | 6.8      | 0.73    | 6.9   | 0.000    | 0.170    | 30.9    | 71     | 25.0   | 37.2    | 12.85  | 1.1169         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 5:00  | 854           | 7.3      | 0.78    | 7.5   | 0.000    | 0.173    | 30.9    | 72     | 25.3   | 37.5    | 13.20  | 1.1159         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 5:15  | 868           | 7.5      | 0.80    | 7.7   | 0.000    | 0.174    | 31.1    | 71     | 25.2   | 37.4    | 12.85  | 1.1155         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 5:30  | 881           | 7.5      | 0.80    | 7.9   | 0.000    | 0.178    | 31.0    | 71     | 25.1   | 37.3    | 12.85  | 1.1157         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 5:45  | 874           | 7.6      | 0.81    | 7.9   | 0.000    | 0.178    | 31.1    | 71     | 25.2   | 37.4    | 12.85  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 6:00  | 918           | 7.8      | 0.84    | 8.3   | 0.000    | 0.182    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1147         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 6:15  | 909           | 8.1      | 0.87    | 8.2   | 0.000    | 0.183    | 31.2    | 71     | 25.3   | 37.9    | 12.85  | 1.1134         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 6:30  | 882           | 7.4      | 0.79    | 8.0   | 0.000    | 0.185    | 31.3    | 71     | 25.4   | 38.3    | 12.85  | 1.1125         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 6:45  | 861           | 6.9      | 0.74    | 7.6   | 0.000    | 0.188    | 31.4    | 70     | 25.3   | 38.2    | 12.55  | 1.1125         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 7:00  | 849           | 7.1      | 0.76    | 7.5   | 0.000    | 0.192    | 31.5    | 70     | 25.4   | 38.5    | 12.55  | 1.1115         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 7:15  | 751           | 6.3      | 0.68    | 6.7   | 0.000    | 0.190    | 31.7    | 69     | 25.3   | 38.8    | 12.35  | 1.1107         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 7:30  | 770           | 6.2      | 0.66    | 6.6   | 0.000    | 0.194    | 31.6    | 70     | 25.5   | 38.9    | 12.55  | 1.1103         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 7:45  | 784           | 6.1      | 0.65    | 6.4   | 0.000    | 0.196    | 31.6    | 69     | 25.2   | 38.6    | 12.35  | 1.1108         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 8:00  | 791           | 6.1      | 0.65    | 6.3   | 0.000    | 0.198    | 31.7    | 69     | 25.3   | 38.8    | 12.35  | 1.1103         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 8:15  | 765           | 5.4      | 0.58    | 5.8   | 0.000    | 0.198    | 31.7    | 69     | 25.3   | 38.9    | 12.35  | 1.1098         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 8:30  | 705           | 4.9      | 0.53    | 5.3   | 0.000    | 0.202    | 31.8    | 69     | 25.4   | 39.3    | 12.35  | 1.1091         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 8:45  | 598           | 4.1      | 0.44    | 4.4   | 0.000    | 0.201    | 31.9    | 68     | 25.2   | 39.2    | 12.07  | 1.1092         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 9:00  | 548           | 3.6      | 0.39    | 3.8   | 0.000    | 0.201    | 32.1    | 68     | 25.4   | 39.8    | 12.06  | 1.1081         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 9:15  | 536           | 3.3      | 0.35    | 3.5   | 0.000    | 0.200    | 32.2    | 68     | 25.5   | 40.2    | 12.05  | 1.1075         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 9:30  | 473           | 2.7      | 0.29    | 3.0   | 0.000    | 0.198    | 32.2    | 68     | 25.5   | 40.2    | 12.05  | 1.1075         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 9:45  | 392           | 2.2      | 0.24    | 2.4   | 0.000    | 0.200    | 32.1    | 67     | 25.2   | 39.6    | 11.86  | 1.1083         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 10:00 | 336           | 1.9      | 0.20    | 2.0   | 0.000    | 0.200    | 32.1    | 68     | 25.5   | 39.9    | 12.06  | 1.1076         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 10:15 | 279           | 1.4      | 0.15    | 1.7   | 0.000    | 0.198    | 32.1    | 68     | 25.4   | 39.8    | 12.06  | 1.1079         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 10:30 | 251           | 1.1      | 0.12    | 1.3   | 0.000    | 0.198    | 32.1    | 67     | 25.2   | 39.4    | 11.86  | 1.1085         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 10:45 | 207           | 0.9      | 0.10    | 1.0   | 0.000    | 0.197    | 32.1    | 67     | 25.2   | 39.4    | 11.86  | 1.1084         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 11:00 | 197           | 0.8      | 0.09    | 0.9   | 0.000    | 0.198    | 32.1    | 67     | 25.2   | 39.6    | 11.86  | 1.1080         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 11:15 | 197           | 0.7      | 0.07    | 0.7   | 0.000    | 0.198    | 32.1    | 67     | 25.2   | 39.4    | 11.86  | 1.1083         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 11:30 | 153           | 0.2      | 0.02    | 0.5   | 0.000    | 0.198    | 32.1    | 67     | 25.2   | 39.4    | 11.86  | 1.1085         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 11:45 | 91            | 0.0      | 0.00    | 0.0   | 0.000    | 0.197    | 31.9    | 67     | 25.0   | 39.1    | 11.87  | 1.1091         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 12:00 | 74            | 0.0      | 0.00    | 0.0   | 0.000    | 0.196    | 31.8    | 68     | 25.2   | 39.0    | 12.08  | 1.1092         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 12:15 | 53            | 0.0      | 0.00    | 0.0   | 0.000    | 0.195    | 31.8    | 68     | 25.1   | 38.8    | 12.08  | 1.1099         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 12:30 | 28            | 0.0      | 0.00    | 0.0   | 0.000    | 0.194    | 31.7    | 68     | 25.1   | 38.7    | 12.09  | 1.1105         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 12:45 | 5             | 0.0      | 0.00    | 0.0   | 0.000    | 0.193    | 31.7    | 68     | 25.0   | 38.4    | 12.09  | 1.1108         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 13:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.192    | 31.6    | 68     | 25.0   | 38.3    | 12.09  | 1.1113         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 13:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.190    | 31.6    | 68     | 24.9   | 38.1    | 12.10  | 1.1117         | 0.00 | 0         | 4       | 0.0        | 15        |

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 23-06-23 | 13:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.189    | 31.6    | 68     | 25.0   | 38.3    | 12.09  | 1.1115         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 13:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.188    | 31.5    | 68     | 24.9   | 37.9    | 12.10  | 1.1125         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 14:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.187    | 31.4    | 68     | 24.8   | 37.6    | 12.11  | 1.1134         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 14:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.186    | 31.4    | 68     | 24.8   | 37.6    | 12.11  | 1.1136         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 14:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.185    | 31.4    | 68     | 24.8   | 37.6    | 12.11  | 1.1140         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 14:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.177    | 31.5    | 68     | 24.9   | 37.9    | 12.10  | 1.1137         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 15:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.174    | 31.4    | 68     | 24.8   | 37.8    | 12.11  | 1.1142         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 15:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.171    | 31.4    | 68     | 24.8   | 37.8    | 12.11  | 1.1145         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 15:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.168    | 31.5    | 68     | 24.9   | 37.9    | 12.10  | 1.1144         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 15:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.166    | 31.6    | 68     | 24.9   | 38.1    | 12.10  | 1.1142         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 16:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.162    | 31.4    | 68     | 24.8   | 37.8    | 12.11  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 16:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.159    | 31.4    | 69     | 25.1   | 38.1    | 12.35  | 1.1144         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 16:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.157    | 31.4    | 69     | 25.0   | 37.9    | 12.35  | 1.1146         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 16:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.153    | 31.4    | 69     | 25.1   | 38.1    | 12.35  | 1.1142         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 17:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.150    | 31.4    | 69     | 25.1   | 38.1    | 12.35  | 1.1143         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 17:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.149    | 31.4    | 69     | 25.1   | 38.1    | 12.35  | 1.1142         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 17:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.148    | 31.4    | 69     | 25.1   | 38.1    | 12.35  | 1.1143         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 17:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.147    | 31.5    | 69     | 25.1   | 38.2    | 12.35  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 18:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.131    | 31.5    | 69     | 25.1   | 38.2    | 12.35  | 1.1148         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 18:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.129    | 31.4    | 70     | 25.3   | 38.2    | 12.55  | 1.1148         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 18:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.3    | 70     | 25.2   | 37.9    | 12.55  | 1.1149         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 18:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.3    | 70     | 25.2   | 37.9    | 12.55  | 1.1147         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 19:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.3    | 70     | 25.1   | 37.8    | 12.55  | 1.1147         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 19:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.3    | 70     | 25.1   | 37.8    | 12.55  | 1.1142         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 19:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.130    | 31.3    | 70     | 25.1   | 37.8    | 12.55  | 1.1140         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 19:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.3    | 70     | 25.2   | 37.9    | 12.55  | 1.1136         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 20:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 31.3    | 70     | 25.2   | 37.9    | 12.55  | 1.1133         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 20:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 31.2    | 70     | 25.1   | 37.6    | 12.55  | 1.1137         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 20:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1134         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 20:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.2    | 71     | 25.3   | 37.9    | 12.85  | 1.1129         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 21:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1133         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 21:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.127    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1131         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 21:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.126    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1131         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 21:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.126    | 31.2    | 71     | 25.3   | 37.9    | 12.85  | 1.1128         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 22:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.126    | 31.2    | 71     | 25.3   | 37.9    | 12.85  | 1.1125         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 22:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.125    | 31.2    | 71     | 25.3   | 37.9    | 12.85  | 1.1124         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 22:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1132         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 22:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1132         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 23:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1132         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 23:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.125    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1135         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 23:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.126    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1136         | 0.00 | 0         | 4       | 0.0        | 15        |
| 23-06-23 | 23:45 | 14            | 0.0      | 0.00    | 0.0   | 0.000    | 0.125    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1136         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 00:00 | 32            | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1139         | 0.00 | 0         | 4       | 0.0        | 15        |



| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|-------------|-----------|
| 24-06-23 | 0:15  | 49            | 0.0      | 0.00    | 0.0   | 0.000    | 0.125    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1138         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 0:30  | 98            | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1143         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 0:45  | 209           | 0.3      | 0.03    | 0.5   | 0.000    | 0.125    | 31.1    | 71     | 25.2   | 37.5    | 12.85  | 1.1145         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 1:00  | 262           | 0.7      | 0.07    | 0.8   | 0.000    | 0.127    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1142         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 1:15  | 308           | 0.9      | 0.10    | 1.1   | 0.000    | 0.126    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1143         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 1:30  | 308           | 1.2      | 0.13    | 1.3   | 0.000    | 0.128    | 31.2    | 71     | 25.3   | 37.7    | 12.85  | 1.1144         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 1:45  | 357           | 1.4      | 0.15    | 1.6   | 0.000    | 0.133    | 31.2    | 71     | 25.3   | 37.9    | 12.85  | 1.1140         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 2:00  | 418           | 1.8      | 0.19    | 2.0   | 0.000    | 0.134    | 31.3    | 71     | 25.4   | 38.1    | 12.85  | 1.1137         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 2:15  | 443           | 2.0      | 0.21    | 2.3   | 0.000    | 0.136    | 31.3    | 71     | 25.4   | 38.1    | 12.85  | 1.1136         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 2:30  | 483           | 2.5      | 0.27    | 2.7   | 0.000    | 0.141    | 31.3    | 71     | 25.4   | 38.3    | 12.85  | 1.1133         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 2:45  | 548           | 3.0      | 0.32    | 3.3   | 0.000    | 0.146    | 31.3    | 71     | 25.4   | 38.1    | 12.85  | 1.1139         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 3:00  | 587           | 3.5      | 0.38    | 3.7   | 0.000    | 0.148    | 31.3    | 71     | 25.4   | 38.1    | 12.85  | 1.1139         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 3:15  | 626           | 4.0      | 0.43    | 4.2   | 0.000    | 0.149    | 31.3    | 71     | 25.4   | 38.3    | 12.85  | 1.1135         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 3:30  | 671           | 4.4      | 0.47    | 4.6   | 0.000    | 0.153    | 31.4    | 71     | 25.5   | 38.4    | 12.85  | 1.1135         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 3:45  | 700           | 4.9      | 0.53    | 5.1   | 0.000    | 0.157    | 31.4    | 71     | 25.5   | 38.4    | 12.85  | 1.1132         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 4:00  | 733           | 5.3      | 0.57    | 5.6   | 0.000    | 0.160    | 31.5    | 71     | 25.6   | 38.8    | 12.85  | 1.1125         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 4:15  | 763           | 5.7      | 0.61    | 6.0   | 0.000    | 0.163    | 31.6    | 71     | 25.7   | 39.0    | 12.85  | 1.1121         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 4:30  | 788           | 6.2      | 0.66    | 6.4   | 0.000    | 0.167    | 31.7    | 71     | 25.8   | 39.4    | 12.85  | 1.1113         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 4:45  | 814           | 5.6      | 0.60    | 6.7   | 0.000    | 0.168    | 31.6    | 71     | 25.7   | 39.2    | 12.85  | 1.1115         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 5:00  | 824           | 3.0      | 0.32    | 7.0   | 0.000    | 0.170    | 31.6    | 71     | 25.7   | 39.2    | 12.85  | 1.1114         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 5:15  | 851           | 7.2      | 0.77    | 7.4   | 0.000    | 0.174    | 31.7    | 71     | 25.8   | 39.4    | 12.85  | 1.1110         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 5:30  | 870           | 7.3      | 0.78    | 7.7   | 0.000    | 0.175    | 31.7    | 71     | 25.8   | 39.6    | 12.85  | 1.1105         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 5:45  | 882           | 7.6      | 0.81    | 7.8   | 0.000    | 0.177    | 31.8    | 70     | 25.7   | 39.7    | 12.55  | 1.1102         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 6:00  | 874           | 7.7      | 0.82    | 7.8   | 0.000    | 0.181    | 31.9    | 70     | 25.7   | 39.8    | 12.55  | 1.1095         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 6:15  | 886           | 7.6      | 0.81    | 7.9   | 0.000    | 0.182    | 31.9    | 70     | 25.8   | 40.1    | 12.55  | 1.1087         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 6:30  | 893           | 7.7      | 0.82    | 7.9   | 0.000    | 0.185    | 32.1    | 70     | 25.9   | 40.4    | 12.55  | 1.1078         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 6:45  | 867           | 7.5      | 0.80    | 7.7   | 0.000    | 0.189    | 32.1    | 70     | 25.9   | 40.6    | 12.55  | 1.1072         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 7:00  | 846           | 7.1      | 0.76    | 7.3   | 0.000    | 0.188    | 32.1    | 70     | 25.9   | 40.6    | 12.55  | 1.1070         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 7:15  | 847           | 7.0      | 0.75    | 7.2   | 0.000    | 0.189    | 32.1    | 69     | 25.7   | 40.3    | 12.35  | 1.1073         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 7:30  | 828           | 6.4      | 0.69    | 6.9   | 0.000    | 0.192    | 32.2    | 69     | 25.8   | 40.5    | 12.35  | 1.1067         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 7:45  | 919           | 6.4      | 0.69    | 7.0   | 0.000    | 0.194    | 32.3    | 69     | 25.9   | 40.8    | 12.35  | 1.1061         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 8:00  | 773           | 5.5      | 0.59    | 6.2   | 0.000    | 0.194    | 32.3    | 69     | 25.9   | 41.0    | 12.35  | 1.1055         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 8:15  | 828           | 5.2      | 0.56    | 5.9   | 0.000    | 0.197    | 32.4    | 68     | 25.7   | 40.8    | 12.05  | 1.1057         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 8:30  | 819           | 5.2      | 0.56    | 5.7   | 0.000    | 0.199    | 32.6    | 68     | 25.9   | 41.3    | 12.05  | 1.1046         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 8:45  | 770           | 3.9      | 0.42    | 4.8   | 0.000    | 0.197    | 32.6    | 68     | 25.9   | 41.3    | 12.05  | 1.1044         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 9:00  | 775           | 4.6      | 0.49    | 4.9   | 0.000    | 0.203    | 32.6    | 68     | 25.9   | 41.3    | 12.05  | 1.1043         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 9:15  | 758           | 4.0      | 0.43    | 4.5   | 0.000    | 0.204    | 32.6    | 68     | 25.9   | 41.5    | 12.05  | 1.1037         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 9:30  | 715           | 3.6      | 0.39    | 3.9   | 0.000    | 0.204    | 32.7    | 68     | 26.0   | 41.8    | 12.05  | 1.1031         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 9:45  | 675           | 2.9      | 0.31    | 3.5   | 0.000    | 0.204    | 32.7    | 67     | 25.8   | 41.5    | 11.85  | 1.1034         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 10:00 | 543           | 2.6      | 0.28    | 2.8   | 0.000    | 0.208    | 32.7    | 68     | 26.0   | 41.8    | 12.05  | 1.1028         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 10:15 | 517           | 2.2      | 0.24    | 2.5   | 0.000    | 0.206    | 32.8    | 67     | 25.8   | 41.7    | 11.85  | 1.1028         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 10:30 | 397           | 1.7      | 0.18    | 1.9   | 0.000    | 0.204    | 32.8    | 67     | 25.9   | 41.8    | 11.85  | 1.1023         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 10:45 | 346           | 1.3      | 0.14    | 1.4   | 0.000    | 0.205    | 32.8    | 67     | 25.8   | 41.7    | 11.85  | 1.1025         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 11:00 | 287           | 1.0      | 0.11    | 1.2   | 0.000    | 0.207    | 32.8    | 67     | 25.8   | 41.7    | 11.85  | 1.1026         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 11:15 | 253           | 0.7      | 0.07    | 0.8   | 0.000    | 0.202    | 32.6    | 68     | 25.9   | 41.3    | 12.05  | 1.1034         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 11:30 | 174           | 0.3      | 0.03    | 0.5   | 0.000    | 0.203    | 32.5    | 68     | 25.8   | 41.2    | 12.05  | 1.1039         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 11:45 | 137           | 0.0      | 0.00    | 0.0   | 0.000    | 0.200    | 32.5    | 68     | 25.8   | 41.2    | 12.05  | 1.1039         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 12:00 | 69            | 0.0      | 0.00    | 0.0   | 0.000    | 0.197    | 32.4    | 68     | 25.8   | 41.0    | 12.05  | 1.1043         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 12:15 | 40            | 0.0      | 0.00    | 0.0   | 0.000    | 0.193    | 32.4    | 68     | 25.7   | 40.8    | 12.05  | 1.1049         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 12:30 | 19            | 0.0      | 0.00    | 0.0   | 0.000    | 0.190    | 32.3    | 68     | 25.7   | 40.7    | 12.05  | 1.1055         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 12:45 | 7             | 0.0      | 0.00    | 0.0   | 0.000    | 0.186    | 32.3    | 68     | 25.6   | 40.5    | 12.05  | 1.1060         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 13:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.185    | 32.3    | 68     | 25.7   | 40.7    | 12.05  | 1.1059         | 0.00 | 0         | 4       | 0.0         | 15        |
| 24-06-23 | 13:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.183    | 32.2    | 68     | 25.5   | 40.2    | 12.05  | 1.1070         | 0.00 | 0         | 4       | 0.0         | 15        |

SPAV 24-06-23

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 24-06-23 | 13:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.182    | 32.1    | 68     | 25.5   | 39.9    | 12.06  | 1.1075         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 13:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.182    | 32.2    | 68     | 25.5   | 40.2    | 12.05  | 1.1074         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 14:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.181    | 32.1    | 68     | 25.5   | 39.9    | 12.06  | 1.1078         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 14:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.179    | 32.1    | 68     | 25.5   | 39.9    | 12.06  | 1.1079         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 14:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.179    | 32.1    | 68     | 25.5   | 39.9    | 12.06  | 1.1080         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 14:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.178    | 32.1    | 68     | 25.5   | 39.9    | 12.06  | 1.1083         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 15:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.163    | 32.2    | 69     | 25.8   | 40.7    | 12.35  | 1.1076         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 15:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.156    | 32.2    | 69     | 25.8   | 40.7    | 12.35  | 1.1078         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 15:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.150    | 32.1    | 69     | 25.7   | 40.3    | 12.35  | 1.1085         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 15:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.149    | 32.1    | 69     | 25.7   | 40.3    | 12.35  | 1.1085         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 16:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.148    | 32.1    | 69     | 25.7   | 40.1    | 12.35  | 1.1089         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 16:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.146    | 32.1    | 70     | 25.9   | 40.6    | 12.55  | 1.1082         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 16:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.143    | 32.1    | 70     | 25.9   | 40.6    | 12.55  | 1.1082         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 16:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.142    | 32.1    | 71     | 26.2   | 41.0    | 12.85  | 1.1077         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 17:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.140    | 32.1    | 71     | 26.2   | 41.0    | 12.85  | 1.1079         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 17:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.139    | 32.1    | 71     | 26.2   | 41.0    | 12.85  | 1.1077         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 17:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 32.0    | 71     | 26.1   | 40.6    | 12.85  | 1.1084         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 17:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 31.9    | 71     | 26.0   | 40.4    | 12.85  | 1.1085         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 18:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.137    | 31.9    | 71     | 26.0   | 40.4    | 12.85  | 1.1086         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 18:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 31.9    | 72     | 26.3   | 40.8    | 13.16  | 1.1080         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 18:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 31.9    | 71     | 26.0   | 40.4    | 12.85  | 1.1085         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 18:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 31.9    | 71     | 26.0   | 40.2    | 12.85  | 1.1089         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 19:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.122    | 31.8    | 71     | 25.9   | 40.0    | 12.85  | 1.1092         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 19:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.120    | 31.9    | 71     | 26.0   | 40.2    | 12.85  | 1.1089         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 19:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 31.8    | 71     | 25.9   | 40.0    | 12.85  | 1.1090         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 19:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.124    | 31.7    | 71     | 25.8   | 39.6    | 12.85  | 1.1096         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 20:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 31.7    | 71     | 25.8   | 39.4    | 12.85  | 1.1098         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 20:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.122    | 31.7    | 71     | 25.8   | 39.4    | 12.85  | 1.1095         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 20:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 31.7    | 72     | 26.0   | 39.8    | 13.17  | 1.1087         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 20:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 31.7    | 72     | 26.0   | 39.8    | 13.17  | 1.1086         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 21:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 31.7    | 72     | 26.0   | 39.8    | 13.17  | 1.1085         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 21:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 31.7    | 72     | 26.0   | 39.8    | 13.17  | 1.1084         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 21:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 31.7    | 72     | 26.0   | 39.8    | 13.17  | 1.1083         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 21:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.121    | 31.6    | 72     | 25.9   | 39.6    | 13.17  | 1.1088         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 22:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.121    | 31.6    | 72     | 25.9   | 39.4    | 13.17  | 1.1091         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 22:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.120    | 31.6    | 72     | 25.9   | 39.4    | 13.17  | 1.1090         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 22:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 31.6    | 72     | 25.9   | 39.4    | 13.17  | 1.1091         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 22:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.118    | 31.6    | 72     | 25.9   | 39.4    | 13.17  | 1.1091         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 23:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 31.6    | 72     | 25.9   | 39.4    | 13.17  | 1.1089         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 23:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 31.6    | 72     | 25.9   | 39.6    | 13.17  | 1.1089         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 23:30 | 5             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 31.6    | 72     | 25.9   | 39.6    | 13.17  | 1.1088         | 0.00 | 0         | 4       | 0.0        | 15        |
| 24-06-23 | 23:45 | 18            | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 31.6    | 72     | 25.9   | 39.6    | 13.17  | 1.1088         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 00:00 | 54            | 0.0      | 0.00    | 0.0   | 0.000    | 0.118    | 31.5    | 72     | 25.8   | 39.2    | 13.18  | 1.1095         | 0.00 | 0         | 4       | 0.0        | 15        |

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|-------------|-----------|
| 25-06-23 | 0:15  | 70            | 0.0      | 0.00    | 0.0   | 0.000    | 0.119    | 31.5    | 72     | 25.8   | 39.2    | 13.18  | 1.1096         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 0:30  | 69            | 0.0      | 0.00    | 0.0   | 0.000    | 0.122    | 31.5    | 72     | 25.8   | 39.2    | 13.18  | 1.1097         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 0:45  | 93            | 0.0      | 0.00    | 0.0   | 0.000    | 0.123    | 31.5    | 72     | 25.8   | 39.2    | 13.18  | 1.1100         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 1:00  | 195           | 0.3      | 0.03    | 0.7   | 0.000    | 0.122    | 31.5    | 72     | 25.8   | 39.2    | 13.18  | 1.1101         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 1:15  | 218           | 0.8      | 0.09    | 0.9   | 0.000    | 0.122    | 31.6    | 71     | 25.7   | 39.0    | 12.85  | 1.1104         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 1:30  | 332           | 1.1      | 0.12    | 1.3   | 0.000    | 0.124    | 31.6    | 71     | 25.7   | 39.2    | 12.85  | 1.1106         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 1:45  | 385           | 1.4      | 0.15    | 1.7   | 0.000    | 0.124    | 31.7    | 71     | 25.8   | 39.4    | 12.85  | 1.1103         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 2:00  | 439           | 1.9      | 0.20    | 2.1   | 0.000    | 0.126    | 31.6    | 71     | 25.7   | 39.2    | 12.85  | 1.1109         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 2:15  | 490           | 2.3      | 0.25    | 2.5   | 0.000    | 0.128    | 31.6    | 72     | 25.9   | 39.4    | 13.17  | 1.1108         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 2:30  | 524           | 2.7      | 0.29    | 2.9   | 0.000    | 0.130    | 31.5    | 72     | 25.8   | 39.2    | 13.18  | 1.1110         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 2:45  | 559           | 3.2      | 0.34    | 3.4   | 0.000    | 0.133    | 31.2    | 72     | 25.6   | 38.2    | 13.19  | 1.1127         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 3:00  | 585           | 3.6      | 0.39    | 3.8   | 0.000    | 0.137    | 31.0    | 72     | 25.4   | 37.6    | 13.19  | 1.1141         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 3:15  | 626           | 4.1      | 0.44    | 4.3   | 0.000    | 0.139    | 30.7    | 72     | 25.1   | 37.1    | 13.20  | 1.1158         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 3:30  | 664           | 4.6      | 0.49    | 4.8   | 0.000    | 0.141    | 30.5    | 73     | 25.1   | 36.9    | 13.51  | 1.1166         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 3:45  | 714           | 5.1      | 0.55    | 5.4   | 0.000    | 0.146    | 30.3    | 73     | 24.9   | 36.6    | 13.52  | 1.1174         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 4:00  | 758           | 5.5      | 0.59    | 5.9   | 0.000    | 0.145    | 30.2    | 73     | 24.8   | 36.2    | 13.52  | 1.1182         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 4:15  | 791           | 6.0      | 0.64    | 6.2   | 0.000    | 0.147    | 29.9    | 73     | 24.5   | 35.4    | 13.53  | 1.1194         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 4:30  | 823           | 6.3      | 0.68    | 6.6   | 0.000    | 0.153    | 29.8    | 73     | 24.4   | 35.2    | 13.54  | 1.1198         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 4:45  | 847           | 6.6      | 0.71    | 7.0   | 0.000    | 0.155    | 29.7    | 73     | 24.3   | 34.9    | 13.54  | 1.1203         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 5:00  | 902           | 6.9      | 0.74    | 7.3   | 0.000    | 0.157    | 29.6    | 73     | 24.2   | 34.7    | 13.55  | 1.1209         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 5:15  | 967           | 7.1      | 0.76    | 7.9   | 0.000    | 0.162    | 29.6    | 73     | 24.2   | 34.7    | 13.55  | 1.1207         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 5:30  | 1004          | 7.6      | 0.81    | 7.9   | 0.000    | 0.166    | 29.5    | 73     | 24.1   | 34.6    | 13.55  | 1.1208         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 5:45  | 904           | 7.3      | 0.78    | 7.8   | 0.000    | 0.166    | 29.4    | 73     | 24.1   | 34.4    | 13.55  | 1.1210         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 6:00  | 907           | 7.1      | 0.76    | 7.9   | 0.000    | 0.170    | 29.4    | 73     | 24.1   | 34.4    | 13.55  | 1.1207         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 6:15  | 949           | 7.0      | 0.75    | 8.1   | 0.000    | 0.171    | 29.3    | 73     | 23.9   | 34.1    | 13.56  | 1.1214         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 6:30  | 946           | 7.3      | 0.78    | 8.1   | 0.000    | 0.173    | 29.2    | 73     | 23.8   | 33.8    | 13.56  | 1.1217         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 6:45  | 998           | 5.1      | 0.55    | 7.6   | 0.000    | 0.177    | 29.2    | 73     | 23.8   | 33.8    | 13.56  | 1.1214         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 7:00  | 977           | 5.7      | 0.61    | 7.7   | 0.000    | 0.178    | 29.1    | 73     | 23.8   | 33.8    | 13.56  | 1.1213         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 7:15  | 932           | 5.5      | 0.59    | 7.3   | 0.000    | 0.182    | 29.1    | 73     | 23.8   | 33.8    | 13.56  | 1.1211         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 7:30  | 870           | 4.6      | 0.49    | 6.3   | 0.000    | 0.183    | 29.1    | 73     | 23.7   | 33.7    | 13.56  | 1.1214         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 7:45  | 937           | 6.0      | 0.64    | 6.8   | 0.000    | 0.187    | 29.1    | 73     | 23.8   | 33.8    | 13.56  | 1.1208         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 8:00  | 884           | 4.9      | 0.53    | 6.3   | 0.000    | 0.190    | 29.1    | 73     | 23.8   | 33.8    | 13.56  | 1.1205         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 8:15  | 230           | 2.3      | 0.25    | 2.7   | 0.000    | 0.185    | 29.1    | 74     | 23.9   | 33.8    | 13.86  | 1.1201         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 8:30  | 146           | 1.1      | 0.12    | 1.5   | 0.000    | 0.184    | 28.8    | 74     | 23.7   | 33.4    | 13.87  | 1.1212         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 8:45  | 74            | 0.7      | 0.07    | 0.7   | 0.000    | 0.134    | 28.8    | 74     | 23.7   | 33.2    | 13.87  | 1.1217         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 9:00  | 93            | 0.7      | 0.07    | 0.8   | 0.000    | 0.127    | 28.8    | 74     | 23.7   | 33.2    | 13.87  | 1.1212         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 9:15  | 113           | 0.8      | 0.09    | 0.9   | 0.000    | 0.128    | 28.7    | 75     | 23.8   | 33.3    | 14.28  | 1.1208         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 9:30  | 160           | 1.1      | 0.12    | 1.3   | 0.000    | 0.130    | 28.7    | 75     | 23.8   | 33.3    | 14.28  | 1.1201         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 9:45  | 446           | 1.8      | 0.19    | 2.2   | 0.000    | 0.126    | 28.8    | 75     | 24.0   | 33.6    | 14.27  | 1.1190         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 10:00 | 378           | 1.6      | 0.17    | 1.9   | 0.000    | 0.127    | 28.9    | 75     | 24.0   | 33.7    | 14.27  | 1.1186         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 10:15 | 281           | 1.2      | 0.13    | 1.3   | 0.000    | 0.134    | 28.9    | 76     | 24.2   | 33.9    | 14.57  | 1.1182         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 10:30 | 200           | 0.9      | 0.10    | 1.1   | 0.000    | 0.141    | 28.8    | 76     | 24.2   | 33.8    | 14.57  | 1.1183         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 10:45 | 88            | 0.0      | 0.00    | 0.0   | 0.000    | 0.149    | 28.8    | 76     | 24.1   | 33.6    | 14.57  | 1.1187         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 11:00 | 54            | 0.0      | 0.00    | 0.0   | 0.000    | 0.153    | 28.8    | 76     | 24.1   | 33.6    | 14.57  | 1.1197         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 11:15 | 23            | 0.0      | 0.00    | 0.0   | 0.000    | 0.142    | 28.7    | 76     | 24.1   | 33.5    | 14.58  | 1.1200         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 11:30 | 19            | 0.0      | 0.00    | 0.0   | 0.000    | 0.135    | 28.7    | 77     | 24.3   | 33.7    | 14.88  | 1.1191         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 11:45 | 14            | 0.0      | 0.00    | 0.0   | 0.000    | 0.133    | 28.7    | 77     | 24.3   | 33.7    | 14.88  | 1.1199         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 12:00 | 5             | 0.0      | 0.00    | 0.0   | 0.000    | 0.128    | 28.7    | 77     | 24.3   | 33.7    | 14.88  | 1.1196         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 12:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.125    | 28.8    | 77     | 24.3   | 33.8    | 14.87  | 1.1196         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 12:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.129    | 29.1    | 77     | 24.6   | 34.4    | 14.86  | 1.1180         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 12:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.126    | 29.1    | 77     | 24.7   | 34.6    | 14.86  | 1.1182         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 13:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.117    | 29.3    | 77     | 24.8   | 34.8    | 14.86  | 1.1173         | 0.00 | 0         | 4       | 0.0         | 15        |
| 25-06-23 | 13:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.111    | 29.3    | 77     | 24.9   | 34.9    | 14.85  | 1.1182         | 0.00 | 0         | 4       | 0.0         | 15        |

## SPAV 25-06-23

| Date     | Time  | Hi Solar Rad. | UV Index | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | In Dew | In Heat | In EMC | In Air Density | ET   | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|-------|---------------|----------|---------|-------|----------|----------|---------|--------|--------|---------|--------|----------------|------|-----------|---------|------------|-----------|
| 25-06-23 | 13:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.102    | 29.4    | 77     | 24.9   | 35.1    | 14.85  | 1.1185         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 13:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.098    | 29.4    | 77     | 25.0   | 35.2    | 14.85  | 1.1187         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 14:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.094    | 29.5    | 77     | 25.0   | 35.3    | 14.84  | 1.1189         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 14:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.093    | 29.6    | 77     | 25.1   | 35.6    | 14.83  | 1.1193         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 14:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 29.7    | 77     | 25.2   | 35.7    | 14.83  | 1.1188         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 14:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.083    | 29.6    | 77     | 25.1   | 35.4    | 14.84  | 1.1191         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 15:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.078    | 29.6    | 77     | 25.1   | 35.4    | 14.84  | 1.1188         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 15:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.080    | 29.6    | 77     | 25.1   | 35.6    | 14.83  | 1.1187         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 15:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.078    | 29.7    | 77     | 25.2   | 35.7    | 14.83  | 1.1183         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 15:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.077    | 29.7    | 77     | 25.3   | 35.8    | 14.82  | 1.1177         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 16:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.079    | 29.8    | 77     | 25.3   | 36.0    | 14.81  | 1.1174         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 16:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.082    | 29.8    | 77     | 25.4   | 36.1    | 14.81  | 1.1169         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 16:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.083    | 29.9    | 77     | 25.4   | 36.2    | 14.80  | 1.1169         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 16:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.087    | 29.9    | 77     | 25.4   | 36.2    | 14.80  | 1.1170         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 17:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 29.8    | 77     | 25.4   | 36.1    | 14.81  | 1.1173         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 17:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.087    | 29.9    | 77     | 25.4   | 36.2    | 14.80  | 1.1172         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 17:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.088    | 29.9    | 77     | 25.4   | 36.2    | 14.80  | 1.1170         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 17:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 29.9    | 77     | 25.5   | 36.4    | 14.80  | 1.1164         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 18:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.091    | 30.0    | 77     | 25.5   | 36.5    | 14.79  | 1.1159         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 18:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.092    | 30.0    | 77     | 25.5   | 36.5    | 14.79  | 1.1157         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 18:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.094    | 30.0    | 77     | 25.5   | 36.5    | 14.79  | 1.1158         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 18:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.094    | 30.1    | 77     | 25.6   | 36.7    | 14.78  | 1.1157         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 19:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.093    | 30.0    | 78     | 25.7   | 36.7    | 15.07  | 1.1151         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 19:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.090    | 29.9    | 78     | 25.7   | 36.6    | 15.08  | 1.1154         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 19:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 30.0    | 78     | 25.7   | 36.7    | 15.07  | 1.1150         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 19:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 30.0    | 78     | 25.7   | 36.7    | 15.07  | 1.1146         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 20:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 30.0    | 78     | 25.7   | 36.7    | 15.07  | 1.1144         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 20:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 30.1    | 78     | 25.8   | 36.9    | 15.06  | 1.1139         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 20:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.088    | 30.1    | 78     | 25.8   | 37.1    | 15.05  | 1.1135         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 20:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.087    | 30.1    | 78     | 25.8   | 37.1    | 15.05  | 1.1131         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 21:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.088    | 30.1    | 78     | 25.8   | 37.1    | 15.05  | 1.1132         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 21:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.089    | 30.1    | 78     | 25.8   | 36.9    | 15.06  | 1.1138         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 21:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.088    | 30.0    | 78     | 25.7   | 36.7    | 15.07  | 1.1140         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 21:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.084    | 30.1    | 78     | 25.8   | 36.9    | 15.06  | 1.1134         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 22:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.084    | 30.1    | 78     | 25.8   | 36.9    | 15.06  | 1.1137         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 22:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.083    | 30.1    | 78     | 25.8   | 36.9    | 15.06  | 1.1139         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 22:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.084    | 30.1    | 78     | 25.8   | 37.1    | 15.05  | 1.1136         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 22:45 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.084    | 30.2    | 78     | 25.9   | 37.2    | 15.05  | 1.1135         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 23:00 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.083    | 30.2    | 78     | 26.0   | 37.4    | 15.04  | 1.1131         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 23:15 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.080    | 30.1    | 78     | 25.8   | 37.1    | 15.05  | 1.1140         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 23:30 | 0             | 0.0      | 0.00    | 0.0   | 0.000    | 0.079    | 30.1    | 78     | 25.8   | 36.9    | 15.06  | 1.1144         | 0.00 | 0         | 4       | 0.0        | 15        |
| 25-06-23 | 23:45 | 11            | 0.0      | 0.00    | 0.0   | 0.000    | 0.077    | 30.0    | 78     | 25.7   | 36.7    | 15.07  | 1.1146         | 0.00 | 0         | 4       | 0.0        | 15        |
| 26-06-23 | 00:00 | 30            | 0.0      | 0.00    | 0.0   | 0.000    | 0.078    | 30.0    | 78     | 25.7   | 36.7    | 15.07  | 1.1150         | 0.00 | 0         | 4       | 0.0        | 15        |