

Ivinhema 1/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 1/10/04 | 1:00 | 21.2 | 21.3 | 20.8 | 70 | 15.5 | 3.2 | E | 3.22 | 19.3 | E | 21.2 | 21.2 | 21.2 | 758.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 2:00 | 20.2 | 20.8 | 19.7 | 73 | 15.2 | 8.0 | E | 8.05 | 19.3 | E | 20.2 | 20.4 | 19.7 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 3:00 | 19.6 | 19.9 | 19.1 | 75 | 15.0 | 11.3 | E | 11.27 | 29.0 | E | 19.6 | 20.0 | 18.4 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 4:00 | 19.1 | 19.2 | 18.7 | 76 | 14.7 | 11.3 | E | 11.27 | 22.5 | E | 18.9 | 19.5 | 17.9 | 758.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 5:00 | 18.5 | 18.9 | 17.9 | 81 | 15.2 | 4.8 | E | 4.83 | 16.1 | E | 18.5 | 19.2 | 19.1 | 759.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 6:00 | 18.2 | 18.9 | 17.9 | 76 | 13.9 | 3.2 | SSE | 3.22 | 11.3 | ESE | 18.2 | 18.4 | 18.4 | 760.0 | 0.0 | 0.0 | 33 | 2.84 | 102 | 0.0 |
| 1/10/04 | 7:00 | 18.6 | 18.9 | 18.4 | 82 | 15.4 | 8.0 | SSE | 8.05 | 16.1 | SE | 18.6 | 19.3 | 18.4 | 761.0 | 0.0 | 0.0 | 80 | 6.88 | 111 | 0.2 |
| 1/10/04 | 8:00 | 19.3 | 20.1 | 18.6 | 73 | 14.4 | 4.8 | SE | 4.83 | 19.3 | SE | 19.3 | 19.6 | 19.5 | 761.4 | 0.0 | 0.0 | 172 | 14.79 | 338 | 0.7 |
| 1/10/04 | 9:00 | 21.3 | 22.4 | 20.1 | 65 | 14.5 | 8.0 | E | 8.05 | 17.7 | ENE | 21.3 | 21.3 | 20.7 | 761.3 | 0.0 | 0.0 | 510 | 43.87 | 588 | 1.6 |
| 1/10/04 | 10:00 | 23.0 | 23.9 | 22.4 | 57 | 14.0 | 9.7 | ENE | 9.66 | 20.9 | E | 23.0 | 22.9 | 22.0 | 761.2 | 0.0 | 0.0 | 595 | 51.18 | 801 | 2.4 |
| 1/10/04 | 11:00 | 24.3 | 25.4 | 23.4 | 56 | 14.9 | 8.0 | E | 8.05 | 19.3 | E | 24.3 | 24.3 | 23.8 | 760.6 | 0.0 | 0.0 | 669 | 57.54 | 744 | 3.1 |
| 1/10/04 | 12:00 | 25.6 | 26.2 | 25.0 | 54 | 15.6 | 8.0 | E | 8.05 | 17.7 | NE | 25.6 | 25.8 | 25.4 | 759.8 | 0.0 | 0.0 | 654 | 56.25 | 855 | 2.2 |
| 1/10/04 | 13:00 | 26.8 | 27.7 | 25.9 | 50 | 15.5 | 9.7 | E | 9.66 | 20.9 | ENE | 26.8 | 26.9 | 26.3 | 758.7 | 0.0 | 0.0 | 701 | 60.29 | 721 | 2.7 |
| 1/10/04 | 14:00 | 27.4 | 28.1 | 27.1 | 51 | 16.4 | 9.7 | ENE | 9.66 | 22.5 | ENE | 27.4 | 27.9 | 27.4 | 757.9 | 0.0 | 0.0 | 612 | 52.64 | 693 | 2.4 |
| 1/10/04 | 15:00 | 27.6 | 28.1 | 27.3 | 51 | 16.6 | 8.0 | E | 8.05 | 19.3 | ENE | 27.6 | 28.3 | 28.0 | 757.5 | 0.0 | 0.0 | 417 | 35.87 | 561 | 1.4 |
| 1/10/04 | 16:00 | 27.8 | 28.0 | 27.6 | 52 | 17.1 | 6.4 | ENE | 6.44 | 16.1 | E | 27.8 | 28.7 | 28.7 | 757.6 | 0.0 | 0.0 | 278 | 23.91 | 378 | 0.7 |
| 1/10/04 | 17:00 | 27.2 | 28.1 | 26.1 | 56 | 17.7 | 6.4 | NE | 6.44 | 16.1 | ENE | 27.2 | 27.9 | 27.9 | 757.9 | 0.0 | 0.0 | 97 | 8.34 | 241 | 0.2 |
| 1/10/04 | 18:00 | 25.8 | 26.1 | 25.0 | 71 | 20.1 | 0.0 | NE | 0.00 | 3.2 | NE | 25.8 | 26.9 | 26.9 | 757.9 | 0.0 | 0.0 | 10 | 0.86 | 35 | 0.0 |
| 1/10/04 | 19:00 | 23.6 | 25.0 | 22.5 | 74 | 18.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 24.6 | 24.6 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 20:00 | 21.9 | 22.5 | 21.4 | 77 | 17.7 | 0.0 | --- | 0.00 | 0.0 | --- | 21.9 | 22.6 | 22.6 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 21:00 | 20.9 | 21.6 | 20.7 | 83 | 17.9 | 0.0 | --- | 0.00 | 0.0 | --- | 20.9 | 21.9 | 21.9 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 22:00 | 20.3 | 20.8 | 20.1 | 84 | 17.5 | 0.0 | --- | 0.00 | 0.0 | --- | 20.3 | 21.3 | 21.3 | 758.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/10/04 | 23:00 | 20.2 | 20.9 | 19.9 | 85 | 17.6 | 0.0 | --- | 0.00 | 0.0 | --- | 20.2 | 21.2 | 21.2 | 757.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/10/04 | 00:00 | 20.8 | 21.4 | 19.2 | 92 | 19.4 | 0.0 | --- | 0.00 | 0.0 | --- | 20.8 | 21.9 | 21.9 | 757.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 2/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar Rad. | UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|---------------|-----|
| 2/10/04 | 1:00 | 18.6 | 19.3 | 17.9 | 95 | 17.7 | 0.0 | --- | 0.00 | 0.0 | --- | 18.6 | 19.1 | 19.1 | 757.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 2:00 | 18.2 | 18.5 | 17.9 | 97 | 17.7 | 0.0 | --- | 0.00 | 0.0 | --- | 18.2 | 18.7 | 18.7 | 757.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 3:00 | 17.8 | 18.2 | 17.6 | 98 | 17.5 | 0.0 | --- | 0.00 | 0.0 | --- | 17.8 | 18.3 | 18.3 | 757.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 4:00 | 17.7 | 18.6 | 17.4 | 94 | 16.7 | 0.0 | --- | 0.00 | 0.0 | --- | 17.7 | 18.1 | 18.1 | 757.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 5:00 | 19.8 | 20.2 | 18.6 | 90 | 18.1 | 0.0 | --- | 0.00 | 0.0 | --- | 19.8 | 20.8 | 20.8 | 757.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 6:00 | 19.9 | 20.3 | 18.9 | 94 | 18.9 | 0.0 | --- | 0.00 | 0.0 | --- | 19.9 | 20.9 | 20.9 | 758.8 | 0.0 | 0.0 | 7 | 0.60 | 18 | 0.0 | 0.0 |
| 2/10/04 | 7:00 | 19.1 | 19.6 | 18.7 | 96 | 18.5 | 0.0 | --- | 0.00 | 0.0 | --- | 19.1 | 19.8 | 19.8 | 759.6 | 0.0 | 0.0 | 33 | 2.84 | 53 | 0.0 | 0.0 |
| 2/10/04 | 8:00 | 20.3 | 21.3 | 19.5 | 91 | 18.8 | 0.0 | --- | 0.00 | 0.0 | --- | 20.3 | 21.4 | 21.4 | 760.5 | 0.0 | 0.0 | 100 | 8.60 | 128 | 0.4 | 0.4 |
| 2/10/04 | 9:00 | 22.2 | 22.9 | 21.3 | 81 | 18.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.2 | 23.2 | 23.2 | 760.8 | 0.0 | 0.0 | 151 | 12.99 | 176 | 0.6 | 0.6 |
| 2/10/04 | 10:00 | 22.9 | 23.4 | 22.4 | 76 | 18.4 | 4.8 | E | 4.83 | 12.9 | ENE | 22.9 | 23.8 | 23.8 | 760.6 | 0.0 | 0.0 | 251 | 21.59 | 359 | 1.1 | 1.1 |
| 2/10/04 | 11:00 | 23.3 | 23.7 | 23.1 | 76 | 18.8 | 3.2 | E | 3.22 | 16.1 | ENE | 23.3 | 24.3 | 24.3 | 760.3 | 0.0 | 0.0 | 155 | 13.33 | 370 | 0.8 | 0.8 |
| 2/10/04 | 12:00 | 23.7 | 24.3 | 23.2 | 73 | 18.6 | 4.8 | E | 4.83 | 12.9 | E | 23.7 | 24.7 | 24.7 | 759.6 | 0.0 | 0.0 | 312 | 26.84 | 526 | 1.8 | 1.8 |
| 2/10/04 | 13:00 | 24.6 | 24.8 | 24.3 | 77 | 20.3 | 8.0 | E | 8.05 | 16.1 | E | 24.6 | 25.9 | 25.5 | 758.7 | 0.0 | 0.0 | 369 | 31.74 | 452 | 1.9 | 1.9 |
| 2/10/04 | 14:00 | 24.8 | 25.2 | 24.4 | 75 | 20.1 | 4.8 | E | 4.83 | 11.3 | ESE | 24.8 | 26.2 | 26.2 | 758.3 | 0.0 | 0.0 | 293 | 25.20 | 357 | 1.4 | 1.4 |
| 2/10/04 | 15:00 | 25.0 | 25.1 | 24.8 | 73 | 19.8 | 3.2 | E | 3.22 | 12.9 | SE | 25.0 | 26.3 | 26.3 | 757.7 | 0.0 | 0.0 | 231 | 19.87 | 310 | 0.9 | 0.9 |
| 2/10/04 | 16:00 | 25.3 | 25.8 | 24.9 | 73 | 20.1 | 3.2 | E | 3.22 | 9.7 | NE | 25.3 | 26.6 | 26.6 | 757.4 | 0.0 | 0.0 | 202 | 17.37 | 326 | 0.6 | 0.6 |
| 2/10/04 | 17:00 | 24.9 | 25.2 | 24.6 | 78 | 20.8 | 1.6 | E | 1.61 | 4.8 | E | 24.9 | 26.6 | 26.6 | 757.5 | 0.0 | 0.0 | 55 | 4.73 | 109 | 0.1 | 0.1 |
| 2/10/04 | 18:00 | 24.1 | 24.6 | 23.6 | 87 | 21.8 | 0.0 | E | 0.00 | 1.6 | E | 24.1 | 25.7 | 25.7 | 757.8 | 0.0 | 0.0 | 5 | 0.43 | 19 | 0.0 | 0.0 |
| 2/10/04 | 19:00 | 23.4 | 23.6 | 23.3 | 87 | 21.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 24.8 | 24.8 | 758.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 20:00 | 22.9 | 23.3 | 22.5 | 88 | 20.8 | 0.0 | ENE | 0.00 | 1.6 | ENE | 22.9 | 23.9 | 23.9 | 758.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 21:00 | 22.3 | 22.9 | 21.3 | 90 | 20.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 23.3 | 23.3 | 758.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 22:00 | 21.0 | 21.3 | 20.5 | 93 | 19.8 | 0.0 | NE | 0.00 | 1.6 | NE | 21.0 | 22.3 | 22.3 | 759.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 2/10/04 | 23:00 | 20.5 | 20.8 | 20.3 | 94 | 19.5 | 0.0 | NE | 0.00 | 1.6 | NE | 20.5 | 21.7 | 21.7 | 758.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 3/10/04 | 00:00 | 19.7 | 20.8 | 19.3 | 97 | 19.2 | 0.0 | NE | 0.00 | 1.6 | NE | 19.7 | 20.6 | 20.6 | 759.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |

Ivinhema 3/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 3/10/04 | 1:00 | 19.4 | 19.5 | 19.2 | 99 | 19.2 | 0.0 | NE | 0.00 | 1.6 | NE | 19.4 | 20.2 | 20.2 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 2:00 | 19.1 | 19.2 | 19.1 | 100 | 19.1 | 0.0 | NE | 0.00 | 1.6 | NE | 19.1 | 19.9 | 19.9 | 758.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 3:00 | 19.3 | 19.4 | 19.1 | 100 | 19.3 | 0.0 | --- | 0.00 | 0.0 | --- | 19.3 | 20.2 | 20.2 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 4:00 | 18.9 | 19.3 | 18.7 | 100 | 18.9 | 0.0 | ENE | 0.00 | 1.6 | ENE | 18.9 | 19.7 | 19.7 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 5:00 | 18.6 | 18.8 | 18.3 | 100 | 18.6 | 0.0 | --- | 0.00 | 0.0 | --- | 18.6 | 19.3 | 19.3 | 759.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 6:00 | 18.6 | 18.9 | 18.2 | 100 | 18.6 | 0.0 | --- | 0.00 | 0.0 | --- | 18.6 | 19.2 | 19.2 | 759.9 | 0.0 | 0.0 | 18 | 1.55 | 67 | 0.0 |
| 3/10/04 | 7:00 | 20.1 | 21.2 | 18.6 | 92 | 18.8 | 3.2 | NNE | 3.22 | 12.9 | N | 20.1 | 21.1 | 21.1 | 760.4 | 0.0 | 0.0 | 144 | 12.39 | 236 | 0.3 |
| 3/10/04 | 8:00 | 21.9 | 22.8 | 21.1 | 74 | 17.1 | 8.0 | NE | 8.05 | 16.1 | N | 21.9 | 22.4 | 21.8 | 761.1 | 0.0 | 0.0 | 296 | 25.46 | 521 | 0.8 |
| 3/10/04 | 9:00 | 23.3 | 23.9 | 22.8 | 65 | 16.3 | 6.4 | ENE | 6.44 | 17.7 | NE | 23.3 | 23.8 | 23.8 | 761.0 | 0.0 | 0.0 | 290 | 24.94 | 811 | 1.2 |
| 3/10/04 | 10:00 | 24.1 | 24.3 | 23.8 | 67 | 17.6 | 8.0 | E | 8.05 | 17.7 | NE | 24.1 | 24.8 | 24.4 | 760.8 | 0.0 | 0.0 | 432 | 37.16 | 901 | 2.1 |
| 3/10/04 | 11:00 | 24.6 | 25.1 | 24.2 | 64 | 17.3 | 3.2 | E | 3.22 | 11.3 | E | 24.6 | 25.0 | 25.0 | 760.6 | 0.0 | 0.0 | 364 | 31.31 | 487 | 1.9 |
| 3/10/04 | 12:00 | 25.2 | 25.7 | 24.5 | 69 | 19.1 | 4.8 | E | 4.83 | 19.3 | SSW | 25.2 | 26.1 | 26.1 | 760.1 | 0.0 | 0.0 | 323 | 27.78 | 396 | 1.8 |
| 3/10/04 | 13:00 | 24.8 | 25.2 | 24.3 | 65 | 17.8 | 4.8 | SSE | 4.83 | 17.7 | SSW | 24.8 | 25.3 | 25.3 | 759.1 | 0.0 | 0.0 | 320 | 27.52 | 391 | 1.7 |
| 3/10/04 | 14:00 | 25.7 | 26.1 | 25.0 | 59 | 17.1 | 3.2 | SSE | 3.22 | 11.3 | SE | 25.7 | 26.2 | 26.2 | 758.2 | 0.0 | 0.0 | 300 | 25.80 | 361 | 1.6 |
| 3/10/04 | 15:00 | 25.7 | 26.4 | 25.2 | 63 | 18.1 | 4.8 | S | 4.83 | 11.3 | S | 25.7 | 26.5 | 26.5 | 757.5 | 0.0 | 0.0 | 259 | 22.28 | 500 | 1.2 |
| 3/10/04 | 16:00 | 27.0 | 27.2 | 26.4 | 56 | 17.5 | 3.2 | SSE | 3.22 | 11.3 | SE | 27.0 | 27.7 | 27.7 | 757.9 | 0.0 | 0.0 | 340 | 29.24 | 443 | 0.8 |
| 3/10/04 | 17:00 | 26.3 | 27.2 | 25.1 | 64 | 19.0 | 1.6 | WSW | 1.61 | 11.3 | SE | 26.3 | 27.4 | 27.4 | 758.3 | 0.0 | 0.0 | 106 | 9.12 | 259 | 0.2 |
| 3/10/04 | 18:00 | 23.6 | 25.2 | 22.3 | 78 | 19.5 | 6.4 | SSW | 6.44 | 19.3 | SSW | 23.6 | 24.6 | 24.6 | 758.9 | 0.0 | 0.0 | 14 | 1.20 | 51 | 0.0 |
| 3/10/04 | 19:00 | 22.2 | 22.5 | 21.9 | 82 | 19.0 | 12.9 | SW | 12.87 | 19.3 | SW | 22.2 | 23.2 | 21.6 | 759.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 20:00 | 21.0 | 22.1 | 19.9 | 74 | 16.2 | 17.7 | SSW | 17.70 | 43.5 | S | 21.0 | 21.4 | 18.7 | 759.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 21:00 | 18.9 | 19.9 | 18.1 | 82 | 15.8 | 0.0 | --- | 0.00 | 0.0 | --- | 18.9 | 19.8 | 19.8 | 759.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 22:00 | 17.6 | 18.3 | 16.8 | 89 | 15.8 | 0.0 | --- | 0.00 | 0.0 | --- | 17.6 | 18.2 | 18.2 | 759.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/10/04 | 23:00 | 18.3 | 18.5 | 18.1 | 90 | 16.6 | 0.0 | --- | 0.00 | 0.0 | --- | 18.3 | 18.9 | 18.9 | 759.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 00:00 | 16.0 | 18.1 | 15.5 | 95 | 15.2 | 0.0 | --- | 0.00 | 0.0 | --- | 16.0 | 16.2 | 16.2 | 758.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 4/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 4/10/04 | 1:00 | 15.2 | 15.5 | 14.5 | 98 | 14.9 | 0.0 | --- | 0.00 | 0.0 | --- | 15.2 | 15.3 | 15.3 | 758.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 2:00 | 14.4 | 14.5 | 14.2 | 100 | 14.4 | 0.0 | --- | 0.00 | 0.0 | --- | 14.4 | 14.7 | 14.7 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 3:00 | 14.1 | 14.7 | 13.4 | 100 | 14.1 | 0.0 | --- | 0.00 | 0.0 | --- | 14.1 | 14.3 | 14.3 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 4:00 | 14.5 | 15.1 | 14.1 | 100 | 14.5 | 0.0 | --- | 0.00 | 0.0 | --- | 14.5 | 14.7 | 14.7 | 759.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 5:00 | 13.3 | 14.1 | 12.6 | 100 | 13.3 | 0.0 | --- | 0.00 | 0.0 | --- | 13.3 | 13.4 | 13.4 | 759.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 6:00 | 12.9 | 13.9 | 12.3 | 100 | 12.9 | 0.0 | --- | 0.00 | 0.0 | --- | 12.9 | 13.1 | 13.1 | 760.2 | 0.0 | 0.0 | 30 | 2.58 | 90 | 0.0 |
| 4/10/04 | 7:00 | 16.7 | 19.9 | 13.9 | 100 | 16.7 | 0.0 | --- | 0.00 | 0.0 | --- | 16.7 | 17.1 | 17.1 | 760.6 | 0.0 | 0.0 | 176 | 15.14 | 276 | 0.4 |
| 4/10/04 | 8:00 | 21.8 | 23.3 | 19.9 | 76 | 17.4 | 0.0 | SE | 0.00 | 8.0 | SE | 21.8 | 22.4 | 22.4 | 760.9 | 0.0 | 0.0 | 366 | 31.48 | 450 | 1.0 |
| 4/10/04 | 9:00 | 23.9 | 24.8 | 22.9 | 66 | 17.2 | 3.2 | ESE | 3.22 | 11.3 | SE | 23.9 | 24.6 | 24.6 | 761.0 | 0.0 | 0.0 | 528 | 45.41 | 598 | 1.9 |
| 4/10/04 | 10:00 | 25.6 | 26.4 | 24.6 | 60 | 17.2 | 4.8 | E | 4.83 | 19.3 | ESE | 25.6 | 26.1 | 26.1 | 760.7 | 0.0 | 0.0 | 660 | 56.77 | 709 | 2.4 |
| 4/10/04 | 11:00 | 26.7 | 27.7 | 26.1 | 53 | 16.3 | 4.8 | SE | 4.83 | 16.1 | SSE | 26.7 | 27.1 | 27.1 | 760.2 | 0.0 | 0.0 | 742 | 63.82 | 765 | 3.8 |
| 4/10/04 | 12:00 | 27.9 | 28.6 | 27.2 | 44 | 14.5 | 8.0 | SSE | 8.05 | 20.9 | SSW | 27.9 | 28.2 | 27.9 | 759.6 | 0.0 | 0.0 | 770 | 66.23 | 774 | 4.1 |
| 4/10/04 | 13:00 | 28.9 | 29.4 | 28.4 | 39 | 13.5 | 11.3 | S | 11.27 | 27.4 | SSW | 28.9 | 28.8 | 28.2 | 758.9 | 0.0 | 0.0 | 732 | 62.96 | 758 | 3.8 |
| 4/10/04 | 14:00 | 29.2 | 29.8 | 28.8 | 39 | 13.8 | 9.7 | S | 9.66 | 19.3 | S | 29.2 | 29.1 | 28.7 | 758.1 | 0.0 | 0.0 | 640 | 55.05 | 695 | 2.9 |
| 4/10/04 | 15:00 | 29.3 | 29.7 | 29.1 | 42 | 15.1 | 11.3 | SSE | 11.27 | 20.9 | S | 29.3 | 29.6 | 29.0 | 757.9 | 0.0 | 0.0 | 504 | 43.35 | 577 | 1.8 |
| 4/10/04 | 16:00 | 29.2 | 29.5 | 28.7 | 50 | 17.7 | 11.3 | S | 11.27 | 20.9 | SSW | 29.2 | 30.2 | 29.6 | 757.8 | 0.0 | 0.0 | 333 | 28.64 | 421 | 0.9 |
| 4/10/04 | 17:00 | 28.4 | 28.9 | 27.4 | 53 | 17.9 | 11.3 | SSW | 11.27 | 20.9 | SSW | 28.4 | 29.5 | 28.8 | 757.9 | 0.0 | 0.0 | 153 | 13.16 | 239 | 0.3 |
| 4/10/04 | 18:00 | 25.3 | 27.4 | 23.3 | 66 | 18.5 | 3.2 | SW | 3.22 | 8.0 | SW | 25.3 | 26.0 | 26.0 | 758.2 | 0.0 | 0.0 | 18 | 1.55 | 65 | 0.0 |
| 4/10/04 | 19:00 | 21.9 | 23.3 | 20.5 | 78 | 17.9 | 0.0 | WSW | 0.00 | 3.2 | WSW | 21.9 | 22.7 | 22.7 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 20:00 | 20.4 | 20.5 | 20.2 | 83 | 17.4 | 0.0 | WSW | 0.00 | 1.6 | WSW | 20.4 | 21.4 | 21.4 | 758.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 21:00 | 19.6 | 20.4 | 18.5 | 89 | 17.7 | 0.0 | WSW | 0.00 | 4.8 | WSW | 19.6 | 20.6 | 20.6 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 22:00 | 17.6 | 18.5 | 17.3 | 94 | 16.6 | 0.0 | --- | 0.00 | 0.0 | --- | 17.6 | 18.0 | 18.0 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/10/04 | 23:00 | 17.3 | 17.6 | 17.0 | 95 | 16.5 | 0.0 | --- | 0.00 | 0.0 | --- | 17.3 | 17.6 | 17.6 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/10/04 | 00:00 | 16.0 | 17.0 | 15.3 | 96 | 15.4 | 0.0 | --- | 0.00 | 0.0 | --- | 16.0 | 16.2 | 16.2 | 758.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 5/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar Rad. | UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|---------------|-----|
| 5/10/04 | 1:00 | 15.7 | 16.1 | 15.3 | 100 | 15.7 | 0.0 | --- | 0.00 | 0.0 | --- | 15.7 | 16.0 | 16.0 | 758.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 2:00 | 15.9 | 16.1 | 15.5 | 100 | 15.9 | 0.0 | --- | 0.00 | 0.0 | --- | 15.9 | 16.2 | 16.2 | 757.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 3:00 | 15.0 | 15.5 | 14.2 | 100 | 15.0 | 0.0 | SW | 0.00 | 8.0 | SW | 15.0 | 15.2 | 15.2 | 757.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 4:00 | 14.2 | 14.8 | 13.3 | 100 | 14.2 | 3.2 | SW | 3.22 | 8.0 | SW | 14.2 | 14.4 | 14.3 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 5:00 | 13.5 | 13.9 | 13.3 | 100 | 13.5 | 1.6 | W | 1.61 | 4.8 | WSW | 13.5 | 13.7 | 13.7 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 6:00 | 13.6 | 15.0 | 12.8 | 100 | 13.6 | 3.2 | W | 3.22 | 8.0 | WSW | 13.6 | 13.7 | 13.6 | 759.4 | 0.0 | 0.0 | 32 | 2.75 | 95 | 0.0 | 0.0 |
| 5/10/04 | 7:00 | 17.7 | 20.1 | 15.0 | 89 | 15.9 | 6.4 | WSW | 6.44 | 12.9 | WSW | 17.7 | 18.3 | 17.9 | 760.1 | 0.0 | 0.0 | 180 | 15.48 | 278 | 0.4 | 0.4 |
| 5/10/04 | 8:00 | 21.7 | 23.4 | 19.9 | 66 | 15.1 | 8.0 | SSW | 8.05 | 17.7 | SW | 21.7 | 21.7 | 21.2 | 760.6 | 0.0 | 0.0 | 380 | 32.68 | 463 | 1.0 | 1.0 |
| 5/10/04 | 9:00 | 24.8 | 26.1 | 23.4 | 57 | 15.7 | 3.2 | SSE | 3.22 | 11.3 | SSE | 24.8 | 24.8 | 24.8 | 760.5 | 0.0 | 0.0 | 543 | 46.70 | 614 | 1.9 | 1.9 |
| 5/10/04 | 10:00 | 27.7 | 29.2 | 26.1 | 40 | 12.9 | 3.2 | SSE | 3.22 | 11.3 | S | 27.7 | 27.7 | 27.7 | 760.2 | 0.0 | 0.0 | 674 | 57.97 | 721 | 2.9 | 2.9 |
| 5/10/04 | 11:00 | 30.3 | 31.4 | 29.2 | 23 | 6.9 | 8.0 | SSW | 8.05 | 22.5 | SSW | 30.3 | 28.6 | 28.4 | 759.6 | 0.0 | 0.0 | 757 | 65.11 | 781 | 3.7 | 3.7 |
| 5/10/04 | 12:00 | 31.5 | 32.1 | 30.9 | 22 | 7.2 | 8.0 | SSE | 8.05 | 22.5 | SSW | 31.5 | 29.7 | 29.6 | 759.0 | 0.0 | 0.0 | 781 | 67.17 | 788 | 4.0 | 4.0 |
| 5/10/04 | 13:00 | 32.1 | 32.5 | 31.6 | 21 | 7.0 | 9.7 | SSW | 9.66 | 25.7 | SSW | 32.1 | 30.2 | 29.9 | 758.4 | 0.0 | 0.0 | 745 | 64.08 | 774 | 3.6 | 3.6 |
| 5/10/04 | 14:00 | 32.3 | 32.6 | 32.1 | 18 | 5.0 | 9.7 | SSW | 9.66 | 22.5 | SW | 32.3 | 30.1 | 29.9 | 757.8 | 0.0 | 0.0 | 651 | 55.99 | 704 | 2.8 | 2.8 |
| 5/10/04 | 15:00 | 32.4 | 32.8 | 32.2 | 22 | 8.0 | 8.0 | S | 8.05 | 19.3 | S | 32.4 | 30.7 | 30.6 | 757.4 | 0.0 | 0.0 | 510 | 43.87 | 586 | 1.5 | 1.5 |
| 5/10/04 | 16:00 | 31.9 | 32.5 | 31.3 | 26 | 10.0 | 11.3 | S | 11.27 | 20.9 | SW | 31.9 | 30.6 | 30.2 | 757.4 | 0.0 | 0.0 | 337 | 28.99 | 428 | 0.8 | 0.8 |
| 5/10/04 | 17:00 | 30.6 | 31.3 | 29.1 | 36 | 13.8 | 8.0 | SSW | 8.05 | 17.7 | S | 30.6 | 30.2 | 30.0 | 757.4 | 0.0 | 0.0 | 156 | 13.42 | 245 | 0.3 | 0.3 |
| 5/10/04 | 18:00 | 26.4 | 29.1 | 24.4 | 46 | 13.9 | 3.2 | WSW | 3.22 | 8.0 | WSW | 26.4 | 26.4 | 26.4 | 757.7 | 0.0 | 0.0 | 19 | 1.63 | 67 | 0.0 | 0.0 |
| 5/10/04 | 19:00 | 22.8 | 24.3 | 21.8 | 58 | 14.1 | 1.6 | W | 1.61 | 4.8 | W | 22.8 | 22.7 | 22.7 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 20:00 | 20.6 | 21.8 | 19.9 | 65 | 13.8 | 0.0 | --- | 0.00 | 0.0 | --- | 20.6 | 20.6 | 20.6 | 758.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 21:00 | 19.6 | 19.9 | 18.9 | 72 | 14.4 | 0.0 | --- | 0.00 | 0.0 | --- | 19.6 | 19.7 | 19.7 | 758.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 22:00 | 18.9 | 19.1 | 18.4 | 70 | 13.3 | 0.0 | WNW | 0.00 | 4.8 | WNW | 18.9 | 18.7 | 18.7 | 758.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 5/10/04 | 23:00 | 16.6 | 18.4 | 15.3 | 87 | 14.4 | 1.6 | WNW | 1.61 | 4.8 | WNW | 16.6 | 16.9 | 16.9 | 758.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 6/10/04 | 00:00 | 15.5 | 15.7 | 15.3 | 88 | 13.5 | 0.0 | WNW | 0.00 | 3.2 | WNW | 15.5 | 15.7 | 15.7 | 757.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |

Ivinhema 6/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar Rad. | UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|---------------|-----|
| 6/10/04 | 1:00 | 16.3 | 16.7 | 15.7 | 84 | 13.6 | 0.0 | WNW | 0.00 | 4.8 | WNW | 16.3 | 16.6 | 16.6 | 757.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 2:00 | 13.9 | 15.7 | 13.2 | 93 | 12.8 | 0.0 | WNW | 0.00 | 3.2 | WNW | 13.9 | 14.0 | 14.0 | 757.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 3:00 | 13.5 | 14.3 | 13.1 | 91 | 12.1 | 1.6 | WSW | 1.61 | 8.0 | WSW | 13.5 | 13.6 | 13.6 | 757.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 4:00 | 13.2 | 13.8 | 12.3 | 96 | 12.5 | 1.6 | W | 1.61 | 4.8 | WNW | 13.2 | 13.3 | 13.3 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 5:00 | 13.1 | 13.6 | 12.4 | 92 | 11.8 | 1.6 | WNW | 1.61 | 8.0 | WNW | 13.1 | 13.2 | 13.2 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 6:00 | 12.8 | 14.4 | 12.2 | 92 | 11.6 | 3.2 | WNW | 3.22 | 8.0 | WSW | 12.8 | 12.9 | 12.8 | 759.6 | 0.0 | 0.0 | 36 | 3.10 | 104 | 0.00 | 0.0 |
| 6/10/04 | 7:00 | 17.4 | 19.8 | 14.5 | 71 | 12.1 | 6.4 | WSW | 6.44 | 11.3 | WSW | 17.4 | 17.1 | 16.7 | 760.5 | 0.0 | 0.0 | 200 | 17.20 | 292 | 0.00 | 0.4 |
| 6/10/04 | 8:00 | 21.4 | 23.2 | 19.8 | 57 | 12.6 | 6.4 | S | 6.44 | 12.9 | SSW | 21.4 | 21.2 | 21.1 | 760.7 | 0.0 | 0.0 | 383 | 32.94 | 470 | 0.00 | 1.0 |
| 6/10/04 | 9:00 | 24.6 | 25.8 | 23.1 | 46 | 12.2 | 3.2 | SSE | 3.22 | 11.3 | NNE | 24.6 | 24.2 | 24.2 | 760.5 | 0.0 | 0.0 | 550 | 47.31 | 623 | 0.00 | 1.9 |
| 6/10/04 | 10:00 | 25.9 | 27.1 | 25.1 | 43 | 12.4 | 4.8 | ENE | 4.83 | 12.9 | NE | 25.9 | 25.8 | 25.8 | 760.3 | 0.0 | 0.0 | 685 | 58.92 | 737 | 0.00 | 3.0 |
| 6/10/04 | 11:00 | 27.7 | 28.8 | 26.7 | 24 | 5.3 | 4.8 | E | 4.83 | 17.7 | S | 27.7 | 26.7 | 26.7 | 759.8 | 0.0 | 0.0 | 774 | 66.57 | 806 | 0.00 | 3.9 |
| 6/10/04 | 12:00 | 29.1 | 29.6 | 28.6 | 28 | 8.7 | 6.4 | SE | 6.44 | 19.3 | SSW | 29.1 | 27.9 | 27.9 | 759.1 | 0.0 | 0.0 | 791 | 68.03 | 799 | 0.00 | 4.1 |
| 6/10/04 | 13:00 | 29.9 | 30.9 | 29.2 | 21 | 5.2 | 11.3 | S | 11.27 | 27.4 | SSW | 29.9 | 28.0 | 27.5 | 758.3 | 0.0 | 0.0 | 757 | 65.11 | 781 | 0.00 | 3.7 |
| 6/10/04 | 14:00 | 30.4 | 30.9 | 29.9 | 25 | 8.2 | 11.3 | S | 11.27 | 27.4 | SSW | 30.4 | 28.9 | 28.5 | 757.6 | 0.0 | 0.0 | 667 | 57.37 | 727 | 0.00 | 2.9 |
| 6/10/04 | 15:00 | 30.8 | 31.3 | 30.4 | 28 | 10.2 | 11.3 | S | 11.27 | 22.5 | SSW | 30.8 | 29.6 | 29.1 | 757.1 | 0.0 | 0.0 | 524 | 45.07 | 602 | 0.00 | 1.8 |
| 6/10/04 | 16:00 | 30.4 | 30.7 | 30.2 | 25 | 8.1 | 12.9 | SSW | 12.87 | 25.7 | SW | 30.4 | 28.9 | 28.3 | 757.0 | 0.0 | 0.0 | 352 | 30.28 | 438 | 0.00 | 0.9 |
| 6/10/04 | 17:00 | 29.4 | 30.3 | 27.8 | 30 | 10.0 | 9.7 | SW | 9.66 | 20.9 | SSW | 29.4 | 28.4 | 28.0 | 756.8 | 0.0 | 0.0 | 167 | 14.36 | 260 | 0.00 | 0.3 |
| 6/10/04 | 18:00 | 24.9 | 27.8 | 23.6 | 41 | 10.8 | 6.4 | SW | 6.44 | 8.0 | WSW | 24.9 | 24.1 | 24.1 | 757.0 | 0.0 | 0.0 | 18 | 1.55 | 72 | 0.00 | 0.0 |
| 6/10/04 | 19:00 | 22.2 | 23.6 | 20.7 | 54 | 12.5 | 3.2 | SW | 3.22 | 9.7 | SW | 22.2 | 21.8 | 21.8 | 757.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 20:00 | 20.3 | 21.4 | 19.1 | 57 | 11.5 | 0.0 | SW | 0.00 | 3.2 | SW | 20.3 | 20.0 | 20.0 | 757.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 21:00 | 16.6 | 19.1 | 14.2 | 80 | 13.1 | 1.6 | WSW | 1.61 | 4.8 | WSW | 16.6 | 16.9 | 16.9 | 758.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 22:00 | 14.9 | 15.6 | 14.2 | 82 | 11.9 | 0.0 | WSW | 0.00 | 4.8 | WSW | 14.9 | 15.1 | 15.1 | 758.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 6/10/04 | 23:00 | 13.8 | 14.9 | 12.9 | 85 | 11.3 | 0.0 | WSW | 0.00 | 4.8 | W | 13.8 | 13.8 | 13.8 | 757.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |
| 7/10/04 | 00:00 | 12.2 | 13.9 | 11.1 | 92 | 11.0 | 1.6 | WNW | 1.61 | 8.0 | WSW | 12.2 | 12.3 | 12.3 | 757.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.00 | 0.0 |

Ivinhema 7/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 7/10/04 | 1:00 | 11.4 | 11.7 | 11.1 | 93 | 10.3 | 1.6 | WNW | 1.61 | 8.0 | N | 11.4 | 11.6 | 11.6 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 2:00 | 11.7 | 12.3 | 10.9 | 85 | 9.2 | 0.0 | N | 0.00 | 8.0 | N | 11.7 | 11.7 | 11.7 | 758.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 3:00 | 11.4 | 12.0 | 10.4 | 91 | 10.0 | 1.6 | NNW | 1.61 | 11.3 | NNW | 11.4 | 11.5 | 11.5 | 758.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 4:00 | 11.0 | 12.0 | 10.4 | 92 | 9.7 | 0.0 | NNW | 0.00 | 8.0 | NNW | 11.0 | 11.2 | 11.2 | 759.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 5:00 | 12.3 | 15.3 | 10.4 | 82 | 9.3 | 6.4 | ENE | 6.44 | 22.5 | ENE | 11.4 | 12.3 | 11.2 | 760.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 6:00 | 15.2 | 16.3 | 14.5 | 84 | 12.5 | 11.3 | NE | 11.27 | 22.5 | NE | 14.1 | 15.4 | 13.5 | 761.2 | 0.0 | 0.0 | 39 | 3.35 | 111 | 0.0 |
| 7/10/04 | 7:00 | 16.8 | 17.8 | 15.9 | 74 | 12.1 | 12.9 | ENE | 12.87 | 30.6 | E | 15.9 | 16.7 | 14.5 | 761.8 | 0.0 | 0.0 | 204 | 17.55 | 297 | 0.4 |
| 7/10/04 | 8:00 | 18.2 | 18.9 | 17.4 | 64 | 11.2 | 20.9 | E | 20.92 | 38.6 | E | 17.1 | 17.9 | 14.5 | 762.1 | 0.0 | 0.0 | 387 | 33.29 | 472 | 1.0 |
| 7/10/04 | 9:00 | 19.6 | 20.7 | 18.6 | 57 | 10.8 | 19.3 | ENE | 19.31 | 35.4 | ENE | 19.0 | 19.2 | 16.2 | 762.1 | 0.0 | 0.0 | 554 | 47.65 | 626 | 2.0 |
| 7/10/04 | 10:00 | 21.2 | 22.5 | 20.2 | 49 | 10.0 | 17.7 | ENE | 17.70 | 30.6 | NE | 21.2 | 20.2 | 17.5 | 761.6 | 0.0 | 0.0 | 686 | 59.00 | 735 | 3.1 |
| 7/10/04 | 11:00 | 23.1 | 23.9 | 21.9 | 41 | 9.1 | 16.1 | ENE | 16.09 | 29.0 | E | 23.1 | 22.2 | 20.1 | 761.1 | 0.0 | 0.0 | 768 | 66.06 | 792 | 4.0 |
| 7/10/04 | 12:00 | 24.7 | 25.5 | 23.7 | 34 | 7.7 | 14.5 | E | 14.48 | 25.7 | NE | 24.7 | 23.7 | 22.1 | 760.2 | 0.0 | 0.0 | 796 | 68.46 | 799 | 4.2 |
| 7/10/04 | 13:00 | 26.3 | 27.1 | 25.3 | 37 | 10.4 | 12.9 | ENE | 12.87 | 22.5 | ENE | 26.3 | 26.0 | 24.9 | 759.1 | 0.0 | 0.0 | 764 | 65.71 | 788 | 3.8 |
| 7/10/04 | 14:00 | 27.4 | 28.0 | 26.6 | 28 | 7.3 | 11.3 | ENE | 11.27 | 22.5 | ENE | 27.4 | 26.4 | 25.6 | 758.1 | 0.0 | 0.0 | 674 | 57.97 | 727 | 2.9 |
| 7/10/04 | 15:00 | 27.9 | 28.3 | 27.6 | 27 | 7.2 | 11.3 | ENE | 11.27 | 22.5 | NE | 27.9 | 26.9 | 26.2 | 757.5 | 0.0 | 0.0 | 533 | 45.84 | 609 | 1.8 |
| 7/10/04 | 16:00 | 28.1 | 28.3 | 27.7 | 29 | 8.4 | 12.9 | ENE | 12.87 | 24.1 | NE | 28.1 | 27.1 | 26.2 | 757.1 | 0.0 | 0.0 | 358 | 30.79 | 449 | 0.9 |
| 7/10/04 | 17:00 | 27.1 | 27.8 | 25.8 | 29 | 7.5 | 11.3 | ENE | 11.27 | 19.3 | ENE | 27.1 | 26.1 | 25.3 | 757.0 | 0.0 | 0.0 | 177 | 15.22 | 269 | 0.3 |
| 7/10/04 | 18:00 | 24.1 | 25.8 | 22.5 | 37 | 8.5 | 6.4 | ENE | 6.44 | 12.9 | ENE | 24.1 | 23.1 | 23.1 | 757.3 | 0.0 | 0.0 | 23 | 1.98 | 83 | 0.0 |
| 7/10/04 | 19:00 | 21.6 | 22.5 | 20.5 | 45 | 9.1 | 4.8 | ENE | 4.83 | 9.7 | ENE | 21.6 | 20.6 | 20.6 | 757.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 20:00 | 19.3 | 20.4 | 18.7 | 64 | 12.3 | 3.2 | ENE | 3.22 | 8.0 | ENE | 19.3 | 19.2 | 19.2 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 21:00 | 17.8 | 19.1 | 16.4 | 67 | 11.6 | 1.6 | ENE | 1.61 | 8.0 | ENE | 17.8 | 17.4 | 17.4 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 22:00 | 14.6 | 16.7 | 13.2 | 77 | 10.6 | 0.0 | ENE | 0.00 | 3.2 | ENE | 14.6 | 14.5 | 14.5 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/10/04 | 23:00 | 12.1 | 13.2 | 11.7 | 85 | 9.7 | 1.6 | ENE | 1.61 | 4.8 | ENE | 12.1 | 12.1 | 12.1 | 758.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 00:00 | 11.3 | 13.9 | 10.4 | 66 | 5.2 | 1.6 | ENE | 1.61 | 9.7 | ENE | 11.3 | 10.8 | 10.8 | 757.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 8/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 8/10/04 | 1:00 | 13.4 | 14.1 | 12.5 | 78 | 9.7 | 3.2 | ENE | 3.22 | 8.0 | ENE | 13.4 | 13.3 | 13.2 | 757.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 2:00 | 12.9 | 14.2 | 11.4 | 78 | 9.2 | 3.2 | NE | 3.22 | 8.0 | ENE | 12.9 | 12.8 | 12.7 | 757.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 3:00 | 11.2 | 13.0 | 9.4 | 86 | 8.9 | 3.2 | NE | 3.22 | 11.3 | NE | 11.1 | 11.2 | 11.0 | 757.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 4:00 | 13.5 | 14.8 | 12.1 | 90 | 11.9 | 4.8 | NE | 4.83 | 11.3 | NE | 13.2 | 13.6 | 13.1 | 757.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 5:00 | 12.4 | 12.9 | 11.9 | 94 | 11.5 | 1.6 | NE | 1.61 | 8.0 | NE | 12.4 | 12.6 | 12.6 | 758.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 6:00 | 14.7 | 15.9 | 12.3 | 72 | 9.7 | 11.3 | ENE | 11.27 | 22.5 | ENE | 13.4 | 14.3 | 12.3 | 759.1 | 0.0 | 0.0 | 43 | 3.70 | 121 | 0.0 |
| 8/10/04 | 7:00 | 16.4 | 16.9 | 15.9 | 67 | 10.2 | 16.1 | E | 16.09 | 32.2 | E | 15.1 | 15.9 | 13.1 | 759.7 | 0.0 | 0.0 | 216 | 18.58 | 310 | 0.4 |
| 8/10/04 | 8:00 | 17.8 | 18.5 | 16.9 | 63 | 10.6 | 19.3 | E | 19.31 | 35.4 | E | 16.7 | 17.4 | 14.2 | 759.9 | 0.0 | 0.0 | 398 | 34.23 | 477 | 1.1 |
| 8/10/04 | 9:00 | 19.5 | 20.3 | 18.4 | 62 | 12.0 | 19.3 | ENE | 19.31 | 33.8 | NE | 18.9 | 19.4 | 16.4 | 759.6 | 0.0 | 0.0 | 565 | 48.60 | 646 | 2.1 |
| 8/10/04 | 10:00 | 21.5 | 22.9 | 20.2 | 47 | 9.7 | 19.3 | ENE | 19.31 | 32.2 | NE | 21.5 | 20.5 | 17.7 | 759.1 | 0.0 | 0.0 | 696 | 59.86 | 741 | 3.1 |
| 8/10/04 | 11:00 | 23.3 | 24.2 | 22.3 | 45 | 10.7 | 20.9 | ENE | 20.92 | 33.8 | ENE | 23.3 | 22.8 | 20.2 | 758.6 | 0.0 | 0.0 | 772 | 66.40 | 792 | 3.9 |
| 8/10/04 | 12:00 | 25.0 | 25.8 | 23.8 | 39 | 10.1 | 16.1 | E | 16.09 | 30.6 | E | 25.0 | 24.0 | 22.3 | 757.3 | 0.0 | 0.0 | 793 | 68.21 | 797 | 4.2 |
| 8/10/04 | 13:00 | 26.7 | 27.4 | 25.7 | 36 | 10.4 | 14.5 | E | 14.48 | 27.4 | ENE | 26.7 | 26.3 | 25.0 | 756.1 | 0.0 | 0.0 | 748 | 64.34 | 785 | 3.7 |
| 8/10/04 | 14:00 | 27.8 | 28.6 | 27.3 | 34 | 10.5 | 12.9 | E | 12.87 | 27.4 | ESE | 27.8 | 27.2 | 26.3 | 755.0 | 0.0 | 0.0 | 645 | 55.48 | 716 | 2.7 |
| 8/10/04 | 15:00 | 28.4 | 28.7 | 28.0 | 32 | 10.1 | 12.9 | E | 12.87 | 25.7 | E | 28.4 | 27.6 | 26.7 | 754.4 | 0.0 | 0.0 | 484 | 41.63 | 561 | 1.5 |
| 8/10/04 | 16:00 | 28.7 | 28.8 | 28.6 | 33 | 10.8 | 11.3 | E | 11.27 | 22.5 | E | 28.7 | 27.9 | 27.3 | 754.2 | 0.0 | 0.0 | 322 | 27.70 | 380 | 0.7 |
| 8/10/04 | 17:00 | 28.1 | 28.8 | 26.8 | 46 | 15.4 | 6.4 | ENE | 6.44 | 19.3 | ENE | 28.1 | 28.6 | 28.6 | 754.2 | 0.0 | 0.0 | 153 | 13.16 | 246 | 0.2 |
| 8/10/04 | 18:00 | 25.5 | 26.7 | 24.7 | 47 | 13.4 | 3.2 | ENE | 3.22 | 8.0 | ENE | 25.5 | 25.3 | 25.3 | 754.6 | 0.0 | 0.0 | 16 | 1.38 | 65 | 0.0 |
| 8/10/04 | 19:00 | 23.4 | 24.7 | 22.0 | 70 | 17.7 | 0.0 | E | 0.00 | 3.2 | E | 23.4 | 24.4 | 24.4 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 20:00 | 20.4 | 22.1 | 19.3 | 80 | 16.8 | 0.0 | E | 0.00 | 1.6 | E | 20.4 | 21.4 | 21.4 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 21:00 | 16.8 | 19.3 | 16.1 | 86 | 14.5 | 0.0 | E | 0.00 | 3.2 | E | 16.8 | 17.2 | 17.2 | 755.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 22:00 | 14.9 | 16.1 | 14.1 | 92 | 13.7 | 0.0 | NNW | 0.00 | 1.6 | NNW | 14.9 | 15.1 | 15.1 | 755.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/10/04 | 23:00 | 13.7 | 14.1 | 13.3 | 91 | 12.2 | 0.0 | NNW | 0.00 | 3.2 | NNW | 13.7 | 13.8 | 13.8 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 00:00 | 13.6 | 14.0 | 13.3 | 86 | 11.3 | 0.0 | NNW | 0.00 | 3.2 | NNW | 13.6 | 13.7 | 13.7 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 9/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 9/10/04 | 1:00 | 13.2 | 13.7 | 12.9 | 84 | 10.5 | 0.0 | NNW | 0.00 | 3.2 | NNW | 13.2 | 13.2 | 13.2 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 2:00 | 13.4 | 13.7 | 12.9 | 86 | 11.1 | 1.6 | SW | 1.61 | 8.0 | SW | 13.4 | 13.5 | 13.5 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 3:00 | 12.4 | 13.1 | 12.0 | 87 | 10.3 | 1.6 | NNW | 1.61 | 8.0 | NNW | 12.4 | 12.5 | 12.5 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 4:00 | 14.2 | 14.6 | 12.8 | 87 | 12.0 | 1.6 | N | 1.61 | 8.0 | N | 14.2 | 14.3 | 14.3 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 5:00 | 12.2 | 13.7 | 10.4 | 93 | 11.1 | 0.0 | W | 0.00 | 4.8 | W | 12.2 | 12.3 | 12.3 | 756.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 6:00 | 12.0 | 14.3 | 10.3 | 85 | 9.6 | 3.2 | NNW | 3.22 | 9.7 | NNW | 12.0 | 12.0 | 11.8 | 756.7 | 0.0 | 0.0 | 28 | 2.41 | 76 | 0.0 |
| 9/10/04 | 7:00 | 16.1 | 18.7 | 14.3 | 72 | 11.0 | 9.7 | NE | 9.66 | 22.5 | NE | 15.3 | 15.7 | 14.2 | 756.6 | 0.0 | 0.0 | 143 | 12.30 | 206 | 0.2 |
| 9/10/04 | 8:00 | 19.8 | 20.9 | 18.7 | 68 | 13.8 | 16.1 | ENE | 16.09 | 29.0 | NE | 19.6 | 19.8 | 17.2 | 756.4 | 0.0 | 0.0 | 276 | 23.74 | 355 | 0.5 |
| 9/10/04 | 9:00 | 22.8 | 24.7 | 20.9 | 49 | 11.6 | 19.3 | ENE | 19.31 | 33.8 | NE | 22.8 | 22.6 | 20.0 | 756.0 | 0.0 | 0.0 | 425 | 36.55 | 487 | 0.8 |
| 9/10/04 | 10:00 | 25.8 | 27.3 | 24.6 | 48 | 13.9 | 19.3 | ENE | 19.31 | 35.4 | NE | 25.8 | 25.7 | 23.7 | 755.5 | 0.0 | 0.0 | 546 | 46.96 | 609 | 1.3 |
| 9/10/04 | 11:00 | 28.1 | 29.9 | 26.6 | 38 | 12.4 | 12.9 | E | 12.87 | 25.7 | E | 28.1 | 27.8 | 26.9 | 754.8 | 0.0 | 0.0 | 596 | 51.26 | 658 | 1.1 |
| 9/10/04 | 12:00 | 30.3 | 31.4 | 29.2 | 35 | 13.1 | 11.3 | E | 11.27 | 19.3 | ESE | 30.3 | 29.8 | 29.3 | 753.8 | 0.0 | 0.0 | 417 | 35.87 | 667 | 1.4 |
| 9/10/04 | 13:00 | 31.4 | 31.9 | 30.9 | 40 | 16.2 | 6.4 | ESE | 6.44 | 16.1 | ESE | 31.4 | 31.9 | 31.9 | 752.8 | 0.0 | 0.0 | 562 | 48.34 | 674 | 1.3 |
| 9/10/04 | 14:00 | 31.7 | 32.1 | 31.4 | 42 | 17.2 | 6.4 | ESE | 6.44 | 12.9 | SE | 31.7 | 32.8 | 32.8 | 751.8 | 0.0 | 0.0 | 529 | 45.50 | 596 | 1.3 |
| 9/10/04 | 15:00 | 32.6 | 33.0 | 31.9 | 39 | 16.8 | 4.8 | SE | 4.83 | 12.9 | SE | 32.6 | 33.4 | 33.4 | 751.1 | 0.0 | 0.0 | 427 | 36.73 | 514 | 0.9 |
| 9/10/04 | 16:00 | 32.4 | 32.8 | 32.1 | 45 | 18.9 | 3.2 | E | 3.22 | 11.3 | E | 32.4 | 34.4 | 34.4 | 750.8 | 0.0 | 0.0 | 231 | 19.87 | 311 | 0.4 |
| 9/10/04 | 17:00 | 31.2 | 32.5 | 29.7 | 51 | 19.8 | 1.6 | E | 1.61 | 8.0 | ENE | 31.2 | 33.6 | 33.6 | 751.2 | 0.0 | 0.0 | 93 | 8.00 | 160 | 0.1 |
| 9/10/04 | 18:00 | 28.9 | 29.7 | 28.3 | 49 | 17.2 | 3.2 | ENE | 3.22 | 9.7 | E | 28.9 | 29.8 | 29.8 | 751.4 | 0.0 | 0.0 | 13 | 1.12 | 39 | 0.0 |
| 9/10/04 | 19:00 | 27.6 | 28.8 | 26.8 | 55 | 17.8 | 3.2 | ENE | 3.22 | 11.3 | ENE | 27.6 | 28.4 | 28.4 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 20:00 | 25.8 | 26.8 | 24.8 | 61 | 17.7 | 8.0 | NE | 8.05 | 16.1 | NE | 25.8 | 26.7 | 26.3 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 21:00 | 23.6 | 24.8 | 22.9 | 66 | 16.9 | 1.6 | NNE | 1.61 | 8.0 | NE | 23.6 | 24.2 | 24.2 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 22:00 | 22.5 | 23.3 | 22.0 | 65 | 15.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.5 | 22.7 | 22.7 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/10/04 | 23:00 | 24.1 | 24.6 | 22.4 | 57 | 15.0 | 3.2 | ENE | 3.22 | 11.3 | ENE | 24.1 | 24.1 | 24.1 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 00:00 | 23.7 | 24.5 | 22.6 | 64 | 16.5 | 8.0 | NE | 8.05 | 20.9 | NE | 23.7 | 24.1 | 23.6 | 752.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 10/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 10/10/04 | 1:00 | 21.8 | 22.6 | 21.3 | 72 | 16.5 | 1.6 | N | 1.61 | 8.0 | ENE | 21.8 | 22.0 | 22.0 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 2:00 | 21.2 | 21.6 | 20.3 | 77 | 17.0 | 0.0 | --- | 0.00 | 0.0 | --- | 21.2 | 21.9 | 21.9 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 3:00 | 20.7 | 21.6 | 19.6 | 83 | 17.7 | 0.0 | --- | 0.00 | 0.0 | --- | 20.7 | 21.7 | 21.7 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 4:00 | 21.8 | 22.6 | 20.8 | 77 | 17.6 | 0.0 | ENE | 0.00 | 8.0 | ENE | 21.8 | 22.5 | 22.5 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 5:00 | 22.5 | 23.3 | 22.2 | 75 | 17.8 | 3.2 | NE | 3.22 | 9.7 | N | 22.5 | 23.2 | 23.2 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 6:00 | 22.8 | 23.8 | 22.3 | 84 | 19.9 | 1.6 | SSW | 1.61 | 11.3 | SW | 22.8 | 23.8 | 23.8 | 754.4 | 0.0 | 0.0 | 21 | 1.81 | 67 | 0.0 |
| 10/10/04 | 7:00 | 23.8 | 24.8 | 22.7 | 71 | 18.2 | 8.0 | ENE | 8.05 | 17.7 | ENE | 23.8 | 24.8 | 24.3 | 755.0 | 0.0 | 0.0 | 117 | 10.06 | 178 | 0.1 |
| 10/10/04 | 8:00 | 25.7 | 28.1 | 24.9 | 61 | 17.6 | 3.2 | E | 3.22 | 19.3 | N | 25.7 | 26.3 | 26.3 | 755.6 | 0.0 | 0.0 | 234 | 20.13 | 333 | 0.4 |
| 10/10/04 | 9:00 | 28.8 | 29.3 | 27.9 | 58 | 19.7 | 17.7 | NNW | 17.70 | 38.6 | NNW | 28.8 | 30.5 | 29.2 | 756.2 | 0.0 | 0.0 | 189 | 16.26 | 333 | 0.4 |
| 10/10/04 | 10:00 | 26.6 | 27.9 | 24.4 | 76 | 22.0 | 22.5 | WNW | 22.53 | 41.8 | W | 26.6 | 28.7 | 26.5 | 757.3 | 0.0 | 0.0 | 96 | 8.26 | 164 | 0.3 |
| 10/10/04 | 11:00 | 23.4 | 24.4 | 22.6 | 79 | 19.5 | 17.7 | W | 17.70 | 35.4 | WNW | 23.4 | 24.4 | 22.1 | 756.1 | 0.0 | 0.0 | 183 | 15.74 | 301 | 0.6 |
| 10/10/04 | 12:00 | 25.1 | 27.7 | 23.6 | 64 | 17.8 | 4.8 | WSW | 4.83 | 16.1 | SSW | 25.1 | 25.5 | 25.5 | 754.5 | 0.0 | 0.0 | 336 | 28.90 | 589 | 1.6 |
| 10/10/04 | 13:00 | 26.7 | 28.0 | 25.8 | 73 | 21.4 | 4.8 | ESE | 4.83 | 16.1 | SW | 26.7 | 28.6 | 28.6 | 754.6 | 0.0 | 0.0 | 197 | 16.94 | 491 | 0.8 |
| 10/10/04 | 14:00 | 25.0 | 26.1 | 23.9 | 85 | 22.3 | 11.3 | SSW | 11.27 | 35.4 | SSW | 25.0 | 27.0 | 26.0 | 756.5 | 0.0 | 0.0 | 46 | 3.96 | 99 | 0.2 |
| 10/10/04 | 15:00 | 22.2 | 23.9 | 21.3 | 94 | 21.2 | 24.1 | SSW | 24.14 | 43.5 | SSW | 22.2 | 23.6 | 20.3 | 756.0 | 0.2 | 0.0 | 31 | 2.67 | 44 | 0.0 |
| 10/10/04 | 16:00 | 20.6 | 21.3 | 19.7 | 95 | 19.8 | 20.9 | SW | 20.92 | 35.4 | SW | 20.3 | 21.9 | 18.7 | 756.4 | 0.4 | 2.4 | 7 | 0.60 | 18 | 0.0 |
| 10/10/04 | 17:00 | 19.3 | 19.8 | 18.9 | 98 | 19.0 | 19.3 | WSW | 19.31 | 32.2 | SW | 18.7 | 20.1 | 17.0 | 757.6 | 2.8 | 15.6 | 3 | 0.26 | 5 | 0.0 |
| 10/10/04 | 18:00 | 18.8 | 18.9 | 18.5 | 98 | 18.5 | 3.2 | SW | 3.22 | 16.1 | WSW | 18.8 | 19.4 | 19.4 | 757.5 | 3.2 | 10.2 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 19:00 | 18.4 | 18.6 | 18.3 | 100 | 18.4 | 4.8 | WNW | 4.83 | 17.7 | WNW | 18.4 | 19.1 | 19.0 | 757.6 | 1.4 | 1.8 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 20:00 | 18.6 | 18.8 | 18.4 | 100 | 18.6 | 3.2 | N | 3.22 | 11.3 | WNW | 18.6 | 19.3 | 19.3 | 758.1 | 1.8 | 2.4 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 21:00 | 18.3 | 18.4 | 18.2 | 100 | 18.3 | 8.0 | NE | 8.05 | 24.1 | NE | 18.3 | 18.9 | 18.0 | 757.3 | 2.4 | 2.8 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 22:00 | 18.4 | 18.6 | 18.3 | 100 | 18.4 | 17.7 | NE | 17.70 | 30.6 | NE | 17.6 | 19.0 | 16.1 | 757.1 | 1.2 | 2.0 | 0 | 0.00 | 0 | 0.0 |
| 10/10/04 | 23:00 | 18.4 | 18.6 | 18.3 | 99 | 18.3 | 6.4 | E | 6.44 | 29.0 | NE | 18.4 | 19.1 | 18.7 | 757.2 | 0.8 | 1.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 00:00 | 18.6 | 18.7 | 18.4 | 99 | 18.4 | 3.2 | ENE | 3.22 | 11.3 | ENE | 18.6 | 19.2 | 19.2 | 756.4 | 0.4 | 0.8 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 11/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 11/10/04 | 1:00 | 18.6 | 18.8 | 18.4 | 99 | 18.4 | 3.2 | E | 3.22 | 11.3 | E | 18.6 | 19.2 | 19.2 | 755.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 2:00 | 18.4 | 18.7 | 18.2 | 100 | 18.4 | 4.8 | NE | 4.83 | 12.9 | NE | 18.4 | 19.1 | 19.0 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 3:00 | 18.2 | 18.4 | 18.1 | 99 | 18.1 | 4.8 | NE | 4.83 | 11.3 | ENE | 18.2 | 18.8 | 18.7 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 4:00 | 18.3 | 18.4 | 18.1 | 96 | 17.6 | 9.7 | ENE | 9.66 | 19.3 | ENE | 18.1 | 18.8 | 17.5 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 5:00 | 18.4 | 18.5 | 18.1 | 100 | 18.4 | 11.3 | ENE | 11.27 | 19.3 | ENE | 18.1 | 19.0 | 17.3 | 756.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 6:00 | 18.6 | 19.1 | 18.1 | 98 | 18.3 | 11.3 | ENE | 11.27 | 22.5 | NE | 18.3 | 19.2 | 17.6 | 757.0 | 0.0 | 0.0 | 20 | 1.72 | 51 | 0.0 |
| 11/10/04 | 7:00 | 19.7 | 20.5 | 19.1 | 94 | 18.7 | 12.9 | ENE | 12.87 | 22.5 | NE | 19.6 | 20.5 | 18.5 | 757.5 | 0.0 | 0.0 | 151 | 12.99 | 304 | 0.4 |
| 11/10/04 | 8:00 | 21.4 | 22.4 | 20.5 | 88 | 19.3 | 17.7 | ENE | 17.70 | 30.6 | ENE | 21.4 | 22.4 | 19.8 | 757.4 | 0.0 | 0.0 | 371 | 31.91 | 482 | 1.1 |
| 11/10/04 | 9:00 | 23.4 | 24.5 | 22.3 | 78 | 19.3 | 17.7 | NE | 17.70 | 32.2 | NE | 23.4 | 24.4 | 22.1 | 757.4 | 0.0 | 0.0 | 503 | 43.26 | 787 | 2.0 |
| 11/10/04 | 10:00 | 25.2 | 25.9 | 24.5 | 72 | 19.8 | 14.5 | ENE | 14.48 | 27.4 | NE | 25.2 | 26.4 | 24.9 | 756.6 | 0.0 | 0.0 | 667 | 57.37 | 725 | 3.1 |
| 11/10/04 | 11:00 | 26.7 | 27.3 | 25.8 | 68 | 20.3 | 11.3 | E | 11.27 | 22.5 | ENE | 26.7 | 28.3 | 27.4 | 756.3 | 0.0 | 0.0 | 721 | 62.01 | 790 | 3.9 |
| 11/10/04 | 12:00 | 28.3 | 29.4 | 27.2 | 57 | 19.0 | 9.7 | E | 9.66 | 20.9 | E | 28.3 | 29.6 | 29.0 | 755.8 | 0.0 | 0.0 | 746 | 64.16 | 820 | 4.0 |
| 11/10/04 | 13:00 | 29.4 | 29.9 | 28.6 | 61 | 21.1 | 9.7 | ENE | 9.66 | 25.7 | NNE | 29.4 | 32.1 | 31.7 | 755.0 | 0.0 | 0.0 | 691 | 59.43 | 818 | 3.4 |
| 11/10/04 | 14:00 | 29.7 | 30.3 | 29.2 | 62 | 21.6 | 6.4 | ENE | 6.44 | 17.7 | E | 29.7 | 32.7 | 32.7 | 754.4 | 0.0 | 0.0 | 365 | 31.39 | 679 | 2.0 |
| 11/10/04 | 15:00 | 30.0 | 30.7 | 29.3 | 64 | 22.4 | 8.0 | E | 8.05 | 20.9 | E | 30.0 | 33.8 | 33.6 | 753.9 | 0.0 | 0.0 | 379 | 32.60 | 635 | 1.4 |
| 11/10/04 | 16:00 | 28.8 | 29.3 | 28.4 | 63 | 21.1 | 8.0 | E | 8.05 | 19.3 | ENE | 28.8 | 31.3 | 31.0 | 753.9 | 0.0 | 0.0 | 183 | 15.74 | 232 | 0.6 |
| 11/10/04 | 17:00 | 28.1 | 28.4 | 27.8 | 64 | 20.6 | 9.7 | E | 9.66 | 17.7 | E | 28.1 | 30.0 | 29.5 | 754.2 | 0.0 | 0.0 | 92 | 7.91 | 155 | 0.2 |
| 11/10/04 | 18:00 | 26.9 | 27.8 | 26.1 | 71 | 21.2 | 4.8 | E | 4.83 | 11.3 | E | 26.9 | 28.9 | 28.9 | 754.5 | 0.0 | 0.0 | 15 | 1.29 | 49 | 0.0 |
| 11/10/04 | 19:00 | 25.3 | 26.0 | 24.4 | 72 | 19.9 | 6.4 | ENE | 6.44 | 11.3 | ENE | 25.3 | 26.5 | 26.5 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 20:00 | 24.3 | 24.6 | 24.1 | 77 | 20.0 | 6.4 | ENE | 6.44 | 12.9 | ENE | 24.3 | 25.5 | 25.5 | 755.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 21:00 | 23.3 | 24.1 | 22.6 | 80 | 19.7 | 6.4 | ENE | 6.44 | 11.3 | NE | 23.3 | 24.3 | 24.3 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 22:00 | 22.0 | 23.2 | 21.1 | 80 | 18.4 | 8.0 | NE | 8.05 | 19.3 | N | 22.0 | 23.0 | 22.4 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/10/04 | 23:00 | 22.2 | 22.5 | 21.7 | 82 | 18.9 | 4.8 | ENE | 4.83 | 11.3 | NE | 22.2 | 23.2 | 23.2 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 00:00 | 22.3 | 22.9 | 21.3 | 87 | 20.1 | 1.6 | E | 1.61 | 9.7 | E | 22.3 | 23.3 | 23.3 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 12/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 12/10/04 | 1:00 | 21.2 | 21.8 | 20.6 | 89 | 19.3 | 0.0 | NNE | 0.00 | 1.6 | E | 21.2 | 22.2 | 22.2 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 2:00 | 20.1 | 20.8 | 18.9 | 95 | 19.2 | 0.0 | --- | 0.00 | 0.0 | --- | 20.1 | 21.1 | 21.1 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 3:00 | 19.2 | 19.9 | 18.7 | 96 | 18.5 | 0.0 | NW | 0.00 | 1.6 | NW | 19.2 | 19.8 | 19.8 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 4:00 | 19.3 | 20.4 | 18.8 | 90 | 17.6 | 0.0 | NNE | 0.00 | 1.6 | NNE | 19.3 | 20.2 | 20.2 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 5:00 | 20.2 | 20.6 | 19.5 | 97 | 19.7 | 0.0 | --- | 0.00 | 0.0 | --- | 20.2 | 21.4 | 21.4 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 6:00 | 18.6 | 19.5 | 18.2 | 99 | 18.5 | 0.0 | --- | 0.00 | 0.0 | --- | 18.6 | 19.3 | 19.3 | 756.2 | 0.0 | 0.0 | 26 | 2.24 | 63 | 0.0 |
| 12/10/04 | 7:00 | 20.8 | 22.4 | 19.2 | 91 | 19.3 | 0.0 | --- | 0.00 | 0.0 | --- | 20.8 | 21.8 | 21.8 | 756.2 | 0.0 | 0.0 | 121 | 10.41 | 229 | 0.3 |
| 12/10/04 | 8:00 | 24.2 | 25.9 | 22.4 | 79 | 20.3 | 8.0 | ENE | 8.05 | 20.9 | E | 24.2 | 25.4 | 25.0 | 756.5 | 0.0 | 0.0 | 340 | 29.24 | 445 | 1.0 |
| 12/10/04 | 9:00 | 26.7 | 27.6 | 25.9 | 74 | 21.6 | 16.1 | ENE | 16.09 | 30.6 | NE | 26.7 | 28.7 | 27.3 | 756.1 | 0.0 | 0.0 | 522 | 44.90 | 605 | 2.0 |
| 12/10/04 | 10:00 | 28.0 | 28.6 | 27.4 | 68 | 21.5 | 14.5 | ENE | 14.48 | 30.6 | NE | 28.0 | 30.6 | 29.5 | 755.5 | 0.0 | 0.0 | 645 | 55.48 | 721 | 3.0 |
| 12/10/04 | 11:00 | 29.2 | 30.3 | 28.4 | 65 | 22.0 | 14.5 | E | 14.48 | 29.0 | NNE | 29.2 | 32.4 | 31.5 | 754.7 | 0.0 | 0.0 | 651 | 55.99 | 874 | 3.5 |
| 12/10/04 | 12:00 | 31.3 | 32.9 | 29.6 | 48 | 19.0 | 17.7 | NE | 17.70 | 38.6 | NE | 31.3 | 33.2 | 32.3 | 753.6 | 0.0 | 0.0 | 750 | 64.51 | 871 | 3.9 |
| 12/10/04 | 13:00 | 32.8 | 33.2 | 32.3 | 41 | 17.8 | 20.9 | NE | 20.92 | 32.2 | NNE | 32.8 | 34.0 | 33.3 | 753.0 | 0.0 | 0.0 | 684 | 58.83 | 776 | 3.5 |
| 12/10/04 | 14:00 | 33.2 | 33.6 | 32.9 | 43 | 19.0 | 17.7 | N | 17.70 | 32.2 | N | 33.2 | 35.1 | 34.6 | 752.4 | 0.0 | 0.0 | 577 | 49.63 | 702 | 2.7 |
| 12/10/04 | 15:00 | 33.2 | 33.6 | 32.8 | 43 | 19.0 | 14.5 | N | 14.48 | 29.0 | N | 33.2 | 35.1 | 34.7 | 751.7 | 0.0 | 0.0 | 399 | 34.32 | 535 | 1.5 |
| 12/10/04 | 16:00 | 32.8 | 33.2 | 32.4 | 43 | 18.6 | 11.3 | N | 11.27 | 22.5 | N | 32.8 | 34.4 | 34.1 | 751.4 | 0.0 | 0.0 | 232 | 19.95 | 317 | 0.7 |
| 12/10/04 | 17:00 | 31.6 | 33.0 | 30.6 | 54 | 21.2 | 6.4 | N | 6.44 | 19.3 | N | 31.6 | 35.0 | 35.0 | 751.4 | 0.0 | 0.0 | 69 | 5.93 | 239 | 0.1 |
| 12/10/04 | 18:00 | 29.4 | 30.6 | 27.9 | 72 | 23.9 | 4.8 | NE | 4.83 | 11.3 | ENE | 29.4 | 34.3 | 34.3 | 751.3 | 0.0 | 0.0 | 16 | 1.38 | 51 | 0.0 |
| 12/10/04 | 19:00 | 27.2 | 27.9 | 26.2 | 82 | 23.8 | 9.7 | ENE | 9.66 | 16.1 | E | 27.2 | 30.6 | 30.0 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 20:00 | 26.1 | 26.2 | 25.9 | 79 | 22.1 | 11.3 | ENE | 11.27 | 19.3 | ENE | 26.1 | 28.1 | 27.2 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 21:00 | 25.3 | 26.0 | 23.8 | 86 | 22.8 | 8.0 | ENE | 8.05 | 19.3 | ENE | 25.3 | 27.4 | 27.0 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 22:00 | 24.7 | 24.9 | 23.9 | 88 | 22.6 | 11.3 | ENE | 11.27 | 17.7 | ENE | 24.7 | 26.7 | 25.6 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/10/04 | 23:00 | 24.8 | 25.0 | 24.7 | 85 | 22.1 | 9.7 | ENE | 9.66 | 19.3 | ENE | 24.8 | 26.7 | 25.9 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 00:00 | 24.2 | 24.7 | 23.6 | 89 | 22.2 | 12.9 | ENE | 12.87 | 19.3 | ENE | 24.2 | 26.1 | 24.7 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 13/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 13/10/04 | 1:00 | 23.7 | 23.8 | 23.6 | 91 | 22.2 | 9.7 | ENE | 9.66 | 16.1 | ENE | 23.7 | 25.4 | 24.6 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 2:00 | 23.1 | 23.7 | 22.8 | 96 | 22.4 | 11.3 | ENE | 11.27 | 19.3 | NE | 23.1 | 24.8 | 23.6 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 3:00 | 22.8 | 22.9 | 22.6 | 94 | 21.8 | 9.7 | ENE | 9.66 | 16.1 | NE | 22.8 | 24.3 | 23.3 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 4:00 | 23.0 | 23.1 | 22.9 | 93 | 21.8 | 11.3 | ENE | 11.27 | 19.3 | ENE | 23.0 | 24.4 | 23.2 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 5:00 | 22.9 | 23.1 | 22.9 | 91 | 21.4 | 11.3 | ENE | 11.27 | 19.3 | NE | 22.9 | 24.1 | 22.9 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 6:00 | 23.1 | 23.3 | 22.9 | 91 | 21.5 | 11.3 | NE | 11.27 | 19.3 | NE | 23.1 | 24.3 | 23.1 | 753.0 | 0.0 | 0.0 | 20 | 1.72 | 39 | 0.0 |
| 13/10/04 | 7:00 | 23.6 | 23.9 | 23.3 | 91 | 22.1 | 4.8 | NE | 4.83 | 16.1 | NE | 23.6 | 25.3 | 25.3 | 754.4 | 0.0 | 0.0 | 49 | 4.21 | 79 | 0.1 |
| 13/10/04 | 8:00 | 23.8 | 24.3 | 23.7 | 92 | 22.5 | 6.4 | NNE | 6.44 | 16.1 | NNE | 23.8 | 25.7 | 25.7 | 754.4 | 1.0 | 8.6 | 66 | 5.68 | 165 | 0.2 |
| 13/10/04 | 9:00 | 24.8 | 25.4 | 24.3 | 89 | 22.9 | 8.0 | NNE | 8.05 | 20.9 | N | 24.8 | 26.8 | 26.4 | 754.4 | 0.0 | 0.0 | 103 | 8.86 | 201 | 0.5 |
| 13/10/04 | 10:00 | 25.9 | 26.3 | 25.5 | 86 | 23.4 | 9.7 | N | 9.66 | 20.9 | N | 25.9 | 28.4 | 27.8 | 754.4 | 0.2 | 0.0 | 162 | 13.93 | 287 | 0.7 |
| 13/10/04 | 11:00 | 25.9 | 26.6 | 25.6 | 85 | 23.2 | 4.8 | NNW | 4.83 | 20.9 | N | 25.9 | 28.4 | 28.4 | 754.6 | 0.0 | 0.0 | 160 | 13.76 | 364 | 0.9 |
| 13/10/04 | 12:00 | 21.9 | 26.6 | 20.6 | 97 | 21.4 | 22.5 | SSW | 22.53 | 49.9 | SSW | 21.9 | 23.6 | 20.5 | 755.3 | 0.6 | 8.2 | 25 | 2.15 | 102 | 0.1 |
| 13/10/04 | 13:00 | 20.4 | 20.7 | 20.3 | 100 | 20.4 | 8.0 | SSE | 8.05 | 22.5 | SSW | 20.4 | 21.9 | 21.2 | 755.0 | 12.8 | 19.2 | 9 | 0.77 | 14 | 0.0 |
| 13/10/04 | 14:00 | 20.5 | 20.7 | 20.4 | 100 | 20.5 | 11.3 | S | 11.27 | 27.4 | SSW | 20.5 | 22.0 | 20.5 | 754.7 | 4.2 | 10.6 | 49 | 4.21 | 118 | 0.3 |
| 13/10/04 | 15:00 | 20.3 | 20.6 | 20.2 | 100 | 20.3 | 12.9 | S | 12.87 | 25.7 | S | 20.3 | 21.7 | 19.8 | 754.8 | 2.6 | 3.8 | 36 | 3.10 | 84 | 0.2 |
| 13/10/04 | 16:00 | 20.1 | 20.2 | 19.9 | 99 | 19.9 | 8.0 | SSE | 8.05 | 29.0 | SSE | 20.1 | 21.2 | 20.5 | 755.1 | 0.6 | 2.6 | 28 | 2.41 | 46 | 0.0 |
| 13/10/04 | 17:00 | 20.0 | 20.2 | 19.8 | 100 | 20.0 | 1.6 | SW | 1.61 | 8.0 | SW | 20.0 | 21.0 | 21.0 | 755.1 | 1.4 | 2.0 | 11 | 0.95 | 18 | 0.0 |
| 13/10/04 | 18:00 | 19.7 | 19.9 | 19.5 | 100 | 19.7 | 3.2 | WSW | 3.22 | 9.7 | SW | 19.7 | 20.7 | 20.7 | 756.1 | 1.4 | 1.8 | 3 | 0.26 | 9 | 0.0 |
| 13/10/04 | 19:00 | 19.4 | 19.5 | 19.2 | 100 | 19.4 | 0.0 | NW | 0.00 | 4.8 | WNW | 19.4 | 20.2 | 20.2 | 756.0 | 1.0 | 1.6 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 20:00 | 19.2 | 19.4 | 19.1 | 100 | 19.2 | 0.0 | N | 0.00 | 9.7 | N | 19.2 | 19.9 | 19.9 | 755.8 | 0.6 | 1.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 21:00 | 19.0 | 19.5 | 18.4 | 100 | 19.0 | 1.6 | N | 1.61 | 8.0 | NNW | 19.0 | 19.7 | 19.7 | 756.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 22:00 | 18.3 | 18.4 | 17.9 | 100 | 18.3 | 0.0 | N | 0.00 | 3.2 | N | 18.3 | 18.9 | 18.9 | 757.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/10/04 | 23:00 | 17.9 | 18.1 | 17.8 | 100 | 17.9 | 0.0 | --- | 0.00 | 0.0 | --- | 17.9 | 18.5 | 18.5 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 00:00 | 17.6 | 18.1 | 17.3 | 100 | 17.6 | 1.6 | WSW | 1.61 | 9.7 | SW | 17.6 | 18.1 | 18.1 | 756.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 14/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 14/10/04 | 1:00 | 18.1 | 18.2 | 17.9 | 100 | 18.1 | 3.2 | SW | 3.22 | 9.7 | SW | 18.1 | 18.7 | 18.6 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 2:00 | 17.9 | 17.9 | 17.8 | 100 | 17.9 | 1.6 | WSW | 1.61 | 4.8 | WSW | 17.9 | 18.4 | 18.4 | 756.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 3:00 | 18.0 | 18.1 | 17.8 | 100 | 18.0 | 0.0 | NW | 0.00 | 3.2 | NW | 18.0 | 18.6 | 18.6 | 756.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 4:00 | 18.5 | 18.9 | 18.1 | 100 | 18.5 | 0.0 | WNW | 0.00 | 3.2 | WNW | 18.5 | 19.2 | 19.2 | 756.7 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 5:00 | 18.9 | 19.2 | 18.6 | 100 | 18.9 | 0.0 | N | 0.00 | 4.8 | N | 18.9 | 19.7 | 19.7 | 757.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 6:00 | 18.6 | 18.9 | 18.5 | 100 | 18.6 | 0.0 | WNW | 0.00 | 8.0 | WNW | 18.6 | 19.3 | 19.3 | 758.1 | 0.0 | 0.0 | 15 | 1.29 | 28 | 0.0 |
| 14/10/04 | 7:00 | 19.3 | 19.9 | 18.9 | 100 | 19.3 | 1.6 | WSW | 1.61 | 8.0 | WSW | 19.3 | 20.2 | 20.2 | 758.7 | 0.0 | 0.0 | 91 | 7.83 | 151 | 0.3 |
| 14/10/04 | 8:00 | 20.3 | 20.9 | 19.9 | 97 | 19.8 | 1.6 | W | 1.61 | 8.0 | W | 20.3 | 21.6 | 21.6 | 758.9 | 0.0 | 0.0 | 96 | 8.26 | 144 | 0.3 |
| 14/10/04 | 9:00 | 21.5 | 22.3 | 20.9 | 89 | 19.6 | 0.0 | NE | 0.00 | 3.2 | W | 21.5 | 22.5 | 22.5 | 759.1 | 0.0 | 0.0 | 170 | 14.62 | 232 | 0.4 |
| 14/10/04 | 10:00 | 22.5 | 22.9 | 22.2 | 86 | 20.0 | 0.0 | SSE | 0.00 | 3.2 | S | 22.5 | 23.5 | 23.5 | 758.7 | 0.0 | 0.0 | 226 | 19.44 | 327 | 0.6 |
| 14/10/04 | 11:00 | 22.8 | 23.8 | 22.5 | 83 | 19.8 | 0.0 | SW | 0.00 | 4.8 | SW | 22.8 | 23.8 | 23.8 | 758.4 | 0.0 | 0.0 | 229 | 19.70 | 385 | 0.6 |
| 14/10/04 | 12:00 | 23.7 | 23.9 | 23.6 | 78 | 19.7 | 1.6 | WSW | 1.61 | 11.3 | SSW | 23.7 | 24.7 | 24.7 | 757.9 | 0.0 | 0.0 | 252 | 21.67 | 334 | 0.7 |
| 14/10/04 | 13:00 | 23.7 | 23.9 | 23.3 | 79 | 19.8 | 1.6 | SSE | 1.61 | 11.3 | SSE | 23.7 | 24.7 | 24.7 | 757.4 | 0.0 | 0.0 | 168 | 14.45 | 234 | 0.5 |
| 14/10/04 | 14:00 | 24.6 | 25.6 | 23.8 | 77 | 20.3 | 1.6 | SE | 1.61 | 9.7 | SSW | 24.6 | 26.1 | 26.1 | 756.6 | 0.0 | 0.0 | 364 | 31.31 | 723 | 1.0 |
| 14/10/04 | 15:00 | 25.2 | 25.6 | 24.8 | 77 | 20.9 | 1.6 | ESE | 1.61 | 11.3 | S | 25.2 | 26.9 | 26.9 | 756.3 | 0.0 | 0.0 | 250 | 21.50 | 398 | 0.6 |
| 14/10/04 | 16:00 | 25.2 | 25.5 | 24.9 | 76 | 20.7 | 0.0 | S | 0.00 | 3.2 | E | 25.2 | 26.8 | 26.8 | 755.9 | 0.0 | 0.0 | 158 | 13.59 | 216 | 0.3 |
| 14/10/04 | 17:00 | 25.4 | 25.7 | 24.9 | 77 | 21.1 | 0.0 | E | 0.00 | 4.8 | E | 25.4 | 27.1 | 27.1 | 755.9 | 0.0 | 0.0 | 132 | 11.35 | 287 | 0.1 |
| 14/10/04 | 18:00 | 24.7 | 24.9 | 24.1 | 83 | 21.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.7 | 26.4 | 26.4 | 756.0 | 0.0 | 0.0 | 26 | 2.24 | 76 | 0.0 |
| 14/10/04 | 19:00 | 23.1 | 24.1 | 22.6 | 96 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 24.8 | 24.8 | 756.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 20:00 | 21.8 | 22.6 | 20.5 | 96 | 21.1 | 0.0 | --- | 0.00 | 0.0 | --- | 21.8 | 23.4 | 23.4 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 21:00 | 20.4 | 20.7 | 20.2 | 99 | 20.3 | 0.0 | --- | 0.00 | 0.0 | --- | 20.4 | 21.8 | 21.8 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 22:00 | 20.2 | 20.8 | 19.7 | 100 | 20.2 | 0.0 | --- | 0.00 | 0.0 | --- | 20.2 | 21.4 | 21.4 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/10/04 | 23:00 | 18.7 | 19.8 | 18.1 | 100 | 18.7 | 0.0 | --- | 0.00 | 0.0 | --- | 18.7 | 19.3 | 19.3 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 00:00 | 18.4 | 18.9 | 18.2 | 100 | 18.4 | 0.0 | --- | 0.00 | 0.0 | --- | 18.4 | 19.1 | 19.1 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 15/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 15/10/04 | 1:00 | 18.8 | 19.9 | 17.9 | 100 | 18.8 | 0.0 | --- | 0.00 | 0.0 | --- | 18.8 | 19.6 | 19.6 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 2:00 | 18.8 | 20.1 | 17.9 | 100 | 18.8 | 0.0 | --- | 0.00 | 0.0 | --- | 18.8 | 19.6 | 19.6 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 3:00 | 19.9 | 20.2 | 19.7 | 100 | 19.9 | 0.0 | --- | 0.00 | 0.0 | --- | 19.9 | 20.9 | 20.9 | 755.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 4:00 | 20.1 | 20.4 | 19.9 | 100 | 20.1 | 0.0 | --- | 0.00 | 0.0 | --- | 20.1 | 21.2 | 21.2 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 5:00 | 20.7 | 21.1 | 20.4 | 100 | 20.7 | 0.0 | --- | 0.00 | 0.0 | --- | 20.7 | 22.4 | 22.4 | 756.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 6:00 | 21.3 | 22.0 | 20.7 | 100 | 21.3 | 0.0 | --- | 0.00 | 0.0 | --- | 21.3 | 23.3 | 23.3 | 757.1 | 0.0 | 0.0 | 23 | 1.98 | 63 | 0.0 |
| 15/10/04 | 7:00 | 22.6 | 23.2 | 22.0 | 95 | 21.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.6 | 24.1 | 24.1 | 757.9 | 0.0 | 0.0 | 73 | 6.28 | 100 | 0.0 |
| 15/10/04 | 8:00 | 23.7 | 24.1 | 23.2 | 89 | 21.8 | 6.4 | E | 6.44 | 19.3 | E | 23.7 | 25.4 | 25.4 | 758.2 | 0.0 | 0.0 | 158 | 13.59 | 220 | 0.3 |
| 15/10/04 | 9:00 | 25.0 | 25.8 | 24.1 | 86 | 22.5 | 16.1 | E | 16.09 | 33.8 | ENE | 25.0 | 27.0 | 25.3 | 758.2 | 0.0 | 0.0 | 284 | 24.43 | 679 | 0.8 |
| 15/10/04 | 10:00 | 25.2 | 26.0 | 24.8 | 79 | 21.3 | 17.7 | ENE | 17.70 | 33.8 | NE | 25.2 | 27.1 | 25.1 | 758.2 | 0.0 | 0.0 | 289 | 24.86 | 741 | 1.0 |
| 15/10/04 | 11:00 | 25.2 | 25.9 | 24.7 | 85 | 22.5 | 17.7 | ENE | 17.70 | 32.2 | ENE | 25.2 | 27.3 | 25.4 | 758.2 | 0.0 | 0.0 | 275 | 23.65 | 421 | 1.0 |
| 15/10/04 | 12:00 | 24.9 | 25.4 | 24.5 | 83 | 21.9 | 12.9 | E | 12.87 | 20.9 | ENE | 24.9 | 26.9 | 25.6 | 757.6 | 0.0 | 0.0 | 256 | 22.02 | 366 | 1.0 |
| 15/10/04 | 13:00 | 25.4 | 25.7 | 25.1 | 86 | 22.9 | 11.3 | E | 11.27 | 22.5 | E | 25.4 | 27.6 | 26.6 | 756.8 | 0.0 | 0.0 | 252 | 21.67 | 355 | 1.0 |
| 15/10/04 | 14:00 | 25.1 | 25.4 | 24.5 | 90 | 23.4 | 9.7 | E | 9.66 | 22.5 | NE | 25.1 | 27.2 | 26.5 | 756.0 | 0.0 | 0.0 | 56 | 4.82 | 169 | 0.2 |
| 15/10/04 | 15:00 | 24.6 | 24.7 | 24.3 | 89 | 22.6 | 12.9 | E | 12.87 | 30.6 | ENE | 24.6 | 26.5 | 25.2 | 755.4 | 0.0 | 0.0 | 110 | 9.46 | 222 | 0.3 |
| 15/10/04 | 16:00 | 24.1 | 24.3 | 23.1 | 98 | 23.7 | 12.9 | ENE | 12.87 | 25.7 | E | 24.1 | 26.2 | 24.8 | 755.8 | 0.4 | 0.8 | 30 | 2.58 | 63 | 0.0 |
| 15/10/04 | 17:00 | 23.0 | 23.2 | 22.9 | 99 | 22.8 | 3.2 | E | 3.22 | 19.3 | SE | 23.0 | 24.9 | 24.9 | 755.5 | 0.8 | 1.0 | 20 | 1.72 | 28 | 0.0 |
| 15/10/04 | 18:00 | 23.2 | 23.3 | 23.1 | 95 | 22.3 | 8.0 | E | 8.05 | 19.3 | E | 23.2 | 24.8 | 24.3 | 755.4 | 0.6 | 1.0 | 21 | 1.81 | 65 | 0.0 |
| 15/10/04 | 19:00 | 22.9 | 23.1 | 22.8 | 94 | 21.9 | 9.7 | E | 9.66 | 20.9 | E | 22.9 | 24.4 | 23.5 | 755.6 | 0.6 | 1.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 20:00 | 22.5 | 22.9 | 22.1 | 97 | 22.0 | 8.0 | ENE | 8.05 | 17.7 | E | 22.5 | 24.2 | 23.7 | 756.0 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 21:00 | 22.3 | 22.7 | 22.2 | 95 | 21.5 | 11.3 | ENE | 11.27 | 29.0 | ENE | 22.3 | 23.8 | 22.5 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 22:00 | 22.8 | 22.9 | 22.7 | 93 | 21.6 | 16.1 | E | 16.09 | 33.8 | E | 22.8 | 24.1 | 21.9 | 756.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/10/04 | 23:00 | 22.3 | 22.7 | 22.0 | 94 | 21.3 | 12.9 | ENE | 12.87 | 27.4 | ENE | 22.3 | 23.7 | 22.0 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 00:00 | 21.8 | 22.2 | 21.6 | 97 | 21.3 | 9.7 | ENE | 9.66 | 22.5 | ENE | 21.8 | 23.5 | 22.5 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 16/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 16/10/04 | 1:00 | 21.5 | 21.7 | 21.3 | 99 | 21.3 | 8.0 | ENE | 8.05 | 16.1 | ENE | 21.5 | 23.4 | 22.8 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 2:00 | 21.5 | 21.6 | 21.3 | 99 | 21.3 | 9.7 | ENE | 9.66 | 17.7 | NE | 21.5 | 23.4 | 22.3 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 3:00 | 21.4 | 21.6 | 21.3 | 99 | 21.2 | 11.3 | ENE | 11.27 | 20.9 | ENE | 21.4 | 23.3 | 21.9 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 4:00 | 21.3 | 21.3 | 21.3 | 96 | 20.7 | 14.5 | ENE | 14.48 | 22.5 | NE | 21.3 | 22.9 | 20.8 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 5:00 | 21.3 | 21.3 | 21.3 | 97 | 20.8 | 11.3 | ENE | 11.27 | 25.7 | NE | 21.3 | 23.1 | 21.7 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 5 | 0.0 |
| 16/10/04 | 6:00 | 21.4 | 21.6 | 21.3 | 98 | 21.1 | 6.4 | ENE | 6.44 | 12.9 | ENE | 21.4 | 23.2 | 23.1 | 756.3 | 0.0 | 0.0 | 22 | 1.89 | 51 | 0.0 |
| 16/10/04 | 7:00 | 22.2 | 22.9 | 21.6 | 96 | 21.6 | 11.3 | ENE | 11.27 | 25.7 | ENE | 22.2 | 23.8 | 22.5 | 756.6 | 0.0 | 0.0 | 135 | 11.61 | 211 | 0.3 |
| 16/10/04 | 8:00 | 23.8 | 24.6 | 22.9 | 90 | 22.0 | 17.7 | ENE | 17.70 | 33.8 | NE | 23.8 | 25.6 | 23.4 | 756.5 | 0.0 | 0.0 | 222 | 19.09 | 487 | 0.7 |
| 16/10/04 | 9:00 | 25.7 | 26.7 | 24.5 | 80 | 22.0 | 20.9 | NE | 20.92 | 33.8 | NE | 25.7 | 27.7 | 25.5 | 756.0 | 0.0 | 0.0 | 467 | 40.17 | 604 | 1.5 |
| 16/10/04 | 10:00 | 27.9 | 29.2 | 26.4 | 71 | 22.1 | 19.3 | NE | 19.31 | 33.8 | NE | 27.9 | 30.9 | 29.3 | 755.6 | 0.0 | 0.0 | 628 | 54.02 | 669 | 2.3 |
| 16/10/04 | 11:00 | 29.8 | 30.8 | 28.9 | 64 | 22.3 | 19.3 | NE | 19.31 | 33.8 | NE | 29.8 | 33.4 | 32.2 | 754.9 | 0.0 | 0.0 | 563 | 48.42 | 776 | 2.5 |
| 16/10/04 | 12:00 | 31.2 | 32.3 | 30.2 | 56 | 21.4 | 17.7 | NE | 17.70 | 30.6 | NE | 31.2 | 34.7 | 33.8 | 753.9 | 0.0 | 0.0 | 465 | 40.00 | 839 | 2.1 |
| 16/10/04 | 13:00 | 32.4 | 32.8 | 31.8 | 55 | 22.2 | 17.7 | NE | 17.70 | 33.8 | N | 32.4 | 36.7 | 36.0 | 752.9 | 0.0 | 0.0 | 431 | 37.07 | 869 | 2.1 |
| 16/10/04 | 14:00 | 31.8 | 32.5 | 31.3 | 56 | 22.0 | 16.1 | NNE | 16.09 | 29.0 | NNE | 31.8 | 35.8 | 35.2 | 752.1 | 0.0 | 0.0 | 247 | 21.24 | 385 | 1.1 |
| 16/10/04 | 15:00 | 31.7 | 32.2 | 31.3 | 58 | 22.4 | 12.9 | NE | 12.87 | 25.7 | ENE | 31.7 | 35.9 | 35.5 | 751.3 | 0.0 | 0.0 | 230 | 19.78 | 549 | 0.6 |
| 16/10/04 | 16:00 | 31.3 | 31.7 | 31.0 | 62 | 23.2 | 8.0 | ENE | 8.05 | 19.3 | NE | 31.3 | 36.1 | 36.0 | 751.3 | 0.0 | 0.0 | 212 | 18.23 | 310 | 0.5 |
| 16/10/04 | 17:00 | 29.6 | 31.1 | 28.9 | 74 | 24.4 | 8.0 | ENE | 8.05 | 16.1 | E | 29.6 | 34.9 | 34.7 | 750.9 | 0.0 | 0.0 | 82 | 7.05 | 135 | 0.1 |
| 16/10/04 | 18:00 | 28.1 | 29.1 | 26.3 | 76 | 23.4 | 17.7 | NE | 17.70 | 33.8 | NE | 28.1 | 31.8 | 30.4 | 750.9 | 0.0 | 0.0 | 26 | 2.24 | 95 | 0.0 |
| 16/10/04 | 19:00 | 25.5 | 26.3 | 24.9 | 83 | 22.4 | 9.7 | NE | 9.66 | 20.9 | NE | 25.5 | 27.7 | 26.9 | 751.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 20:00 | 24.6 | 25.0 | 24.1 | 90 | 22.8 | 1.6 | ENE | 1.61 | 9.7 | ENE | 24.6 | 26.6 | 26.6 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 21:00 | 23.8 | 24.1 | 23.4 | 94 | 22.8 | 0.0 | ENE | 0.00 | 3.2 | ENE | 23.8 | 25.7 | 25.7 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 22:00 | 23.6 | 23.7 | 23.4 | 95 | 22.8 | 0.0 | NE | 0.00 | 4.8 | NE | 23.6 | 25.4 | 25.4 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/10/04 | 23:00 | 23.9 | 24.1 | 23.7 | 97 | 23.4 | 4.8 | ENE | 4.83 | 11.3 | ENE | 23.9 | 25.9 | 25.9 | 753.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 00:00 | 23.7 | 23.8 | 23.7 | 95 | 22.9 | 9.7 | NE | 9.66 | 19.3 | NE | 23.7 | 25.6 | 24.7 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 17/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 17/10/04 | 1:00 | 23.8 | 24.1 | 23.3 | 88 | 21.7 | 6.4 | ENE | 6.44 | 35.4 | SW | 23.8 | 25.4 | 25.4 | 753.6 | 1.4 | 22.0 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 2:00 | 23.6 | 24.7 | 22.2 | 100 | 23.6 | 14.5 | SW | 14.48 | 40.2 | WSW | 23.6 | 25.6 | 23.8 | 754.7 | 4.6 | 18.2 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 3:00 | 21.1 | 22.2 | 20.8 | 99 | 20.9 | 9.7 | SSE | 9.66 | 29.0 | SSW | 21.1 | 23.0 | 21.9 | 754.3 | 2.8 | 6.2 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 4:00 | 20.8 | 21.0 | 20.8 | 95 | 20.0 | 9.7 | SSE | 9.66 | 19.3 | SE | 20.8 | 22.2 | 21.1 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 5:00 | 21.1 | 21.3 | 21.0 | 95 | 20.3 | 3.2 | SE | 3.22 | 16.1 | SE | 21.1 | 22.6 | 22.6 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 6:00 | 20.8 | 21.3 | 20.2 | 99 | 20.7 | 14.5 | SSE | 14.48 | 40.2 | SSW | 20.8 | 22.6 | 20.4 | 756.2 | 1.4 | 2.6 | 1 | 0.09 | 5 | 0.0 |
| 17/10/04 | 7:00 | 19.7 | 20.2 | 19.6 | 100 | 19.7 | 16.1 | SSE | 16.09 | 43.5 | SE | 19.4 | 20.7 | 18.0 | 756.6 | 3.2 | 5.4 | 6 | 0.52 | 14 | 0.0 |
| 17/10/04 | 8:00 | 19.9 | 20.2 | 19.6 | 99 | 19.7 | 4.8 | E | 4.83 | 19.3 | E | 19.9 | 20.8 | 20.8 | 757.5 | 4.6 | 5.4 | 29 | 2.49 | 42 | 0.0 |
| 17/10/04 | 9:00 | 19.9 | 20.2 | 19.8 | 100 | 19.9 | 1.6 | WNW | 1.61 | 16.1 | N | 19.9 | 20.9 | 20.9 | 758.2 | 4.2 | 4.8 | 13 | 1.12 | 32 | 0.0 |
| 17/10/04 | 10:00 | 20.3 | 20.9 | 19.9 | 100 | 20.3 | 9.7 | ENE | 9.66 | 20.9 | ENE | 20.3 | 21.6 | 20.4 | 757.6 | 3.2 | 4.4 | 103 | 8.86 | 208 | 0.6 |
| 17/10/04 | 11:00 | 21.1 | 21.3 | 20.8 | 98 | 20.7 | 16.1 | ENE | 16.09 | 27.4 | NE | 21.1 | 22.8 | 20.4 | 757.1 | 2.6 | 3.4 | 162 | 13.93 | 222 | 1.0 |
| 17/10/04 | 12:00 | 21.1 | 21.3 | 21.0 | 98 | 20.7 | 16.1 | ENE | 16.09 | 30.6 | NE | 21.1 | 22.8 | 20.4 | 757.5 | 2.0 | 3.0 | 165 | 14.19 | 222 | 1.0 |
| 17/10/04 | 13:00 | 21.4 | 21.7 | 21.2 | 94 | 20.4 | 14.5 | ENE | 14.48 | 22.5 | ENE | 21.4 | 22.8 | 20.7 | 757.0 | 1.8 | 2.2 | 198 | 17.03 | 278 | 1.2 |
| 17/10/04 | 14:00 | 21.6 | 21.8 | 21.4 | 94 | 20.6 | 14.5 | ENE | 14.48 | 25.7 | ENE | 21.6 | 23.0 | 20.9 | 756.3 | 1.0 | 1.8 | 185 | 15.91 | 257 | 1.0 |
| 17/10/04 | 15:00 | 21.7 | 21.8 | 21.6 | 96 | 21.0 | 12.9 | ENE | 12.87 | 19.3 | ENE | 21.7 | 23.3 | 21.6 | 756.0 | 1.2 | 1.6 | 162 | 13.93 | 248 | 0.7 |
| 17/10/04 | 16:00 | 21.6 | 21.7 | 21.3 | 96 | 20.9 | 9.7 | ENE | 9.66 | 19.3 | NE | 21.6 | 23.2 | 22.1 | 755.2 | 0.8 | 1.2 | 84 | 7.22 | 137 | 0.3 |
| 17/10/04 | 17:00 | 21.2 | 21.3 | 21.0 | 97 | 20.7 | 9.7 | ENE | 9.66 | 20.9 | ENE | 21.2 | 22.9 | 21.8 | 754.6 | 0.8 | 1.0 | 47 | 4.04 | 60 | 0.0 |
| 17/10/04 | 18:00 | 21.0 | 21.1 | 20.8 | 98 | 20.7 | 9.7 | E | 9.66 | 17.7 | ENE | 21.0 | 22.7 | 21.7 | 755.5 | 0.6 | 0.8 | 11 | 0.95 | 39 | 0.0 |
| 17/10/04 | 19:00 | 20.7 | 20.8 | 20.5 | 100 | 20.7 | 3.2 | ENE | 3.22 | 17.7 | ENE | 20.7 | 22.3 | 22.3 | 756.4 | 0.4 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 20:00 | 20.6 | 20.7 | 20.4 | 100 | 20.6 | 1.6 | E | 1.61 | 9.7 | ENE | 20.6 | 22.1 | 22.1 | 756.2 | 0.6 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 21:00 | 20.7 | 20.7 | 20.6 | 100 | 20.7 | 1.6 | E | 1.61 | 11.3 | ESE | 20.7 | 22.3 | 22.3 | 756.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 22:00 | 20.6 | 20.7 | 20.5 | 100 | 20.6 | 0.0 | E | 0.00 | 4.8 | E | 20.6 | 22.2 | 22.2 | 756.4 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/10/04 | 23:00 | 20.6 | 20.7 | 20.5 | 100 | 20.6 | 0.0 | ESE | 0.00 | 8.0 | ESE | 20.6 | 22.2 | 22.2 | 756.1 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 00:00 | 20.3 | 20.5 | 20.2 | 100 | 20.3 | 0.0 | ESE | 0.00 | 3.2 | ESE | 20.3 | 21.7 | 21.7 | 755.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 18/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 18/10/04 | 1:00 | 20.1 | 20.2 | 20.1 | 100 | 20.1 | 1.6 | E | 1.61 | 8.0 | E | 20.1 | 21.2 | 21.2 | 754.8 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 2:00 | 19.5 | 20.2 | 19.1 | 100 | 19.5 | 0.0 | NE | 0.00 | 8.0 | ENE | 19.5 | 20.3 | 20.3 | 754.5 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 3:00 | 19.6 | 19.7 | 19.1 | 100 | 19.6 | 1.6 | E | 1.61 | 8.0 | ESE | 19.6 | 20.4 | 20.4 | 754.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 4:00 | 19.6 | 19.8 | 19.5 | 100 | 19.6 | 0.0 | E | 0.00 | 4.8 | E | 19.6 | 20.5 | 20.5 | 754.7 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 5:00 | 19.5 | 19.8 | 19.4 | 99 | 19.3 | 0.0 | ESE | 0.00 | 9.7 | SE | 19.5 | 20.3 | 20.3 | 755.5 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 6:00 | 19.9 | 20.2 | 19.8 | 99 | 19.8 | 6.4 | ENE | 6.44 | 17.7 | NE | 19.9 | 20.9 | 20.8 | 755.9 | 0.2 | 0.0 | 19 | 1.63 | 48 | 0.0 |
| 18/10/04 | 7:00 | 20.6 | 20.9 | 20.2 | 98 | 20.3 | 12.9 | ENE | 12.87 | 29.0 | ENE | 20.6 | 22.1 | 20.3 | 756.5 | 0.2 | 0.0 | 69 | 5.93 | 116 | 0.1 |
| 18/10/04 | 8:00 | 20.7 | 20.8 | 20.4 | 100 | 20.7 | 9.7 | ENE | 9.66 | 22.5 | NE | 20.7 | 22.3 | 21.2 | 756.1 | 0.0 | 0.0 | 39 | 3.35 | 77 | 0.1 |
| 18/10/04 | 9:00 | 21.2 | 21.7 | 20.7 | 98 | 20.8 | 9.7 | ENE | 9.66 | 22.5 | E | 21.2 | 22.9 | 21.9 | 756.1 | 0.2 | 0.0 | 108 | 9.29 | 245 | 0.6 |
| 18/10/04 | 10:00 | 22.3 | 23.2 | 21.7 | 94 | 21.3 | 12.9 | ENE | 12.87 | 27.4 | E | 22.3 | 23.7 | 22.0 | 755.1 | 0.2 | 0.0 | 301 | 25.89 | 484 | 1.5 |
| 18/10/04 | 11:00 | 23.6 | 24.3 | 23.1 | 88 | 21.5 | 11.3 | E | 11.27 | 25.7 | ENE | 23.6 | 25.1 | 24.0 | 754.8 | 0.0 | 0.0 | 342 | 29.42 | 509 | 1.8 |
| 18/10/04 | 12:00 | 24.6 | 25.1 | 24.3 | 89 | 22.7 | 14.5 | ENE | 14.48 | 24.1 | NE | 24.6 | 26.6 | 25.0 | 753.5 | 0.0 | 0.0 | 338 | 29.07 | 494 | 1.7 |
| 18/10/04 | 13:00 | 23.8 | 24.3 | 23.6 | 95 | 23.0 | 9.7 | ENE | 9.66 | 22.5 | ENE | 23.8 | 25.8 | 24.9 | 753.1 | 0.2 | 0.0 | 63 | 5.42 | 195 | 0.3 |
| 18/10/04 | 14:00 | 23.1 | 23.6 | 21.2 | 94 | 22.0 | 8.0 | NE | 8.05 | 53.1 | WNW | 23.1 | 24.6 | 24.0 | 754.1 | 0.2 | 0.0 | 10 | 0.86 | 18 | 0.0 |
| 18/10/04 | 15:00 | 21.1 | 21.6 | 20.7 | 100 | 21.1 | 4.8 | WNW | 4.83 | 27.4 | WNW | 21.1 | 23.1 | 23.1 | 753.7 | 0.2 | 0.0 | 53 | 4.56 | 81 | 0.3 |
| 18/10/04 | 16:00 | 21.4 | 21.6 | 21.3 | 99 | 21.3 | 4.8 | E | 4.83 | 11.3 | SSW | 21.4 | 23.3 | 23.3 | 753.5 | 0.0 | 0.0 | 38 | 3.27 | 99 | 0.1 |
| 18/10/04 | 17:00 | 21.4 | 21.6 | 21.3 | 100 | 21.4 | 4.8 | SSE | 4.83 | 12.9 | SSW | 21.4 | 23.4 | 23.4 | 754.0 | 0.2 | 0.0 | 14 | 1.20 | 23 | 0.0 |
| 18/10/04 | 18:00 | 21.4 | 21.4 | 21.3 | 100 | 21.4 | 4.8 | SSE | 4.83 | 16.1 | ESE | 21.4 | 23.4 | 23.4 | 754.7 | 0.2 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 18/10/04 | 19:00 | 21.1 | 21.3 | 20.9 | 100 | 21.1 | 11.3 | SSW | 11.27 | 25.7 | SSW | 21.1 | 23.0 | 21.6 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 20:00 | 21.0 | 21.0 | 20.9 | 100 | 21.0 | 3.2 | SE | 3.22 | 14.5 | SSE | 21.0 | 22.9 | 22.9 | 755.6 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 21:00 | 20.8 | 20.9 | 20.7 | 99 | 20.6 | 0.0 | --- | 0.00 | 0.0 | --- | 20.8 | 22.4 | 22.4 | 755.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 22:00 | 20.6 | 20.8 | 19.9 | 100 | 20.6 | 0.0 | --- | 0.00 | 0.0 | --- | 20.6 | 22.1 | 22.1 | 756.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/10/04 | 23:00 | 19.8 | 19.9 | 19.7 | 100 | 19.8 | 0.0 | --- | 0.00 | 0.0 | --- | 19.8 | 20.8 | 20.8 | 756.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 00:00 | 19.8 | 19.9 | 19.7 | 100 | 19.8 | 0.0 | SW | 0.00 | 17.7 | SW | 19.8 | 20.8 | 20.8 | 756.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 19/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 19/10/04 | 1:00 | 19.7 | 19.7 | 19.6 | 100 | 19.7 | 12.9 | SW | 12.87 | 19.3 | SSW | 19.6 | 20.6 | 18.6 | 756.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 2:00 | 19.7 | 19.8 | 19.6 | 100 | 19.7 | 4.8 | SW | 4.83 | 16.1 | SW | 19.7 | 20.7 | 20.7 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 3:00 | 18.7 | 19.6 | 18.2 | 100 | 18.7 | 6.4 | SW | 6.44 | 16.1 | SW | 18.7 | 19.4 | 19.1 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 4:00 | 18.9 | 18.9 | 18.7 | 100 | 18.9 | 12.9 | SW | 12.87 | 20.9 | SW | 18.6 | 19.6 | 17.6 | 757.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 5:00 | 18.9 | 19.1 | 18.9 | 100 | 18.9 | 9.7 | SW | 9.66 | 19.3 | SW | 18.9 | 19.7 | 18.4 | 757.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 6:00 | 19.2 | 19.4 | 18.9 | 100 | 19.2 | 14.5 | SW | 14.48 | 25.7 | SW | 18.8 | 19.9 | 17.6 | 758.8 | 0.0 | 0.0 | 15 | 1.29 | 49 | 0.0 |
| 19/10/04 | 7:00 | 19.8 | 20.3 | 19.4 | 98 | 19.5 | 12.9 | SW | 12.87 | 27.4 | SW | 19.8 | 20.8 | 18.8 | 759.2 | 0.2 | 0.0 | 87 | 7.48 | 146 | 0.2 |
| 19/10/04 | 8:00 | 20.4 | 20.8 | 20.2 | 94 | 19.4 | 16.1 | SW | 16.09 | 27.4 | SW | 20.3 | 21.6 | 19.1 | 760.0 | 0.0 | 0.0 | 139 | 11.96 | 211 | 0.4 |
| 19/10/04 | 9:00 | 21.1 | 21.6 | 20.6 | 87 | 18.8 | 20.9 | SW | 20.92 | 38.6 | SW | 20.9 | 22.1 | 19.0 | 760.2 | 0.0 | 0.0 | 298 | 25.63 | 433 | 1.1 |
| 19/10/04 | 10:00 | 22.0 | 23.2 | 21.0 | 80 | 18.4 | 24.1 | SSW | 24.14 | 38.6 | SW | 22.0 | 23.0 | 19.7 | 760.1 | 0.0 | 0.0 | 570 | 49.03 | 801 | 2.0 |
| 19/10/04 | 11:00 | 23.6 | 24.4 | 22.8 | 74 | 18.7 | 20.9 | SSW | 20.92 | 40.2 | SSW | 23.6 | 24.6 | 22.0 | 759.5 | 0.0 | 0.0 | 722 | 62.10 | 830 | 2.7 |
| 19/10/04 | 12:00 | 25.2 | 26.3 | 24.2 | 64 | 17.9 | 17.7 | SSW | 17.70 | 30.6 | SW | 25.2 | 25.8 | 23.9 | 759.0 | 0.2 | 0.0 | 758 | 65.20 | 859 | 3.0 |
| 19/10/04 | 13:00 | 26.8 | 27.4 | 26.0 | 57 | 17.5 | 16.1 | SSW | 16.09 | 30.6 | S | 26.8 | 27.5 | 26.1 | 758.5 | 0.0 | 0.0 | 721 | 62.01 | 841 | 2.7 |
| 19/10/04 | 14:00 | 27.4 | 27.9 | 26.9 | 48 | 15.4 | 14.5 | S | 14.48 | 27.4 | SW | 27.4 | 27.7 | 26.6 | 758.1 | 0.0 | 0.0 | 620 | 53.33 | 730 | 2.0 |
| 19/10/04 | 15:00 | 27.8 | 28.1 | 27.3 | 49 | 16.1 | 16.1 | SSW | 16.09 | 27.4 | SSW | 27.8 | 28.5 | 27.2 | 758.0 | 0.0 | 0.0 | 495 | 42.58 | 596 | 1.3 |
| 19/10/04 | 16:00 | 27.4 | 28.0 | 26.9 | 49 | 15.8 | 17.7 | SSW | 17.70 | 29.0 | SSW | 27.4 | 27.8 | 26.3 | 757.8 | 0.2 | 0.0 | 339 | 29.16 | 465 | 0.7 |
| 19/10/04 | 17:00 | 26.4 | 27.1 | 25.0 | 54 | 16.3 | 16.1 | SW | 16.09 | 27.4 | SW | 26.4 | 26.8 | 25.3 | 757.9 | 0.0 | 0.0 | 181 | 15.57 | 274 | 0.2 |
| 19/10/04 | 18:00 | 22.9 | 25.0 | 21.2 | 72 | 17.6 | 9.7 | SW | 9.66 | 16.1 | WSW | 22.9 | 23.7 | 22.8 | 758.2 | 0.0 | 0.0 | 29 | 2.49 | 97 | 0.0 |
| 19/10/04 | 19:00 | 20.2 | 21.2 | 19.1 | 81 | 16.9 | 9.7 | WSW | 9.66 | 16.1 | WSW | 20.2 | 21.2 | 20.1 | 758.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 20:00 | 18.6 | 19.1 | 18.3 | 84 | 15.9 | 0.0 | WSW | 0.00 | 8.0 | WSW | 18.6 | 19.4 | 19.4 | 759.5 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 21:00 | 17.4 | 18.4 | 16.6 | 95 | 16.6 | 0.0 | NNW | 0.00 | 3.2 | NNW | 17.4 | 17.7 | 17.7 | 759.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 22:00 | 16.2 | 16.6 | 15.8 | 96 | 15.6 | 3.2 | WSW | 3.22 | 8.0 | WSW | 16.2 | 16.4 | 16.4 | 760.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/10/04 | 23:00 | 15.7 | 15.8 | 15.5 | 93 | 14.5 | 3.2 | WSW | 3.22 | 9.7 | WSW | 15.7 | 15.9 | 15.8 | 760.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 00:00 | 15.5 | 15.9 | 15.1 | 94 | 14.5 | 4.8 | WSW | 4.83 | 11.3 | WSW | 15.5 | 15.7 | 15.3 | 759.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 20/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 20/10/04 | 1:00 | 15.4 | 15.5 | 15.3 | 92 | 14.1 | 8.0 | WSW | 8.05 | 16.1 | WSW | 14.8 | 15.6 | 14.4 | 759.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 2:00 | 15.3 | 15.5 | 15.1 | 93 | 14.2 | 6.4 | SW | 6.44 | 12.9 | SW | 14.9 | 15.5 | 14.8 | 759.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 3:00 | 15.0 | 16.1 | 14.6 | 89 | 13.2 | 3.2 | WSW | 3.22 | 9.7 | SW | 15.0 | 15.2 | 15.1 | 759.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 4:00 | 15.8 | 16.8 | 14.8 | 90 | 14.2 | 4.8 | SSW | 4.83 | 12.9 | SE | 15.8 | 16.1 | 15.8 | 759.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 5:00 | 16.9 | 18.3 | 15.1 | 93 | 15.7 | 3.2 | S | 3.22 | 11.3 | SSW | 16.9 | 17.2 | 17.2 | 760.5 | 0.0 | 0.0 | 1 | 0.09 | 5 | 0.0 |
| 20/10/04 | 6:00 | 16.7 | 19.1 | 14.9 | 88 | 14.7 | 0.0 | W | 0.00 | 4.8 | WNW | 16.7 | 17.1 | 17.1 | 761.1 | 0.0 | 0.0 | 51 | 4.39 | 107 | 0.0 |
| 20/10/04 | 7:00 | 19.8 | 20.4 | 19.1 | 79 | 16.1 | 4.8 | E | 4.83 | 17.7 | E | 19.8 | 20.7 | 20.7 | 761.6 | 0.0 | 0.0 | 183 | 15.74 | 273 | 0.4 |
| 20/10/04 | 8:00 | 21.3 | 22.2 | 20.4 | 69 | 15.4 | 11.3 | E | 11.27 | 22.5 | ESE | 21.3 | 21.3 | 19.9 | 761.9 | 0.0 | 0.0 | 350 | 30.10 | 456 | 0.9 |
| 20/10/04 | 9:00 | 22.8 | 23.4 | 22.1 | 66 | 16.1 | 12.9 | ENE | 12.87 | 22.5 | NE | 22.8 | 23.3 | 21.8 | 761.8 | 0.0 | 0.0 | 488 | 41.97 | 604 | 1.7 |
| 20/10/04 | 10:00 | 24.0 | 25.1 | 23.3 | 61 | 16.0 | 11.3 | ENE | 11.27 | 22.5 | NE | 24.0 | 24.1 | 23.0 | 761.3 | 0.0 | 0.0 | 623 | 53.58 | 716 | 2.5 |
| 20/10/04 | 11:00 | 25.4 | 26.2 | 24.8 | 60 | 17.1 | 11.3 | E | 11.27 | 19.3 | ENE | 25.4 | 25.8 | 24.8 | 760.9 | 0.0 | 0.0 | 698 | 60.04 | 760 | 3.1 |
| 20/10/04 | 12:00 | 26.4 | 27.1 | 25.7 | 55 | 16.7 | 11.3 | ENE | 11.27 | 22.5 | NE | 26.4 | 26.9 | 26.1 | 760.2 | 0.2 | 0.0 | 722 | 62.10 | 795 | 3.3 |
| 20/10/04 | 13:00 | 27.3 | 27.8 | 26.7 | 51 | 16.3 | 9.7 | ENE | 9.66 | 17.7 | ENE | 27.3 | 27.6 | 27.0 | 759.3 | 0.0 | 0.0 | 640 | 55.05 | 760 | 2.6 |
| 20/10/04 | 14:00 | 27.7 | 28.1 | 27.3 | 54 | 17.6 | 8.0 | ENE | 8.05 | 16.1 | ENE | 27.7 | 28.6 | 28.3 | 758.6 | 0.2 | 0.0 | 484 | 41.63 | 607 | 1.7 |
| 20/10/04 | 15:00 | 27.8 | 28.2 | 27.6 | 56 | 18.2 | 3.2 | ENE | 3.22 | 11.3 | ENE | 27.8 | 28.7 | 28.7 | 758.0 | 0.0 | 0.0 | 296 | 25.46 | 396 | 1.1 |
| 20/10/04 | 16:00 | 27.6 | 27.9 | 27.4 | 57 | 18.3 | 1.6 | ENE | 1.61 | 8.0 | ENE | 27.6 | 28.5 | 28.5 | 758.0 | 0.0 | 0.0 | 195 | 16.77 | 331 | 0.5 |
| 20/10/04 | 17:00 | 27.3 | 27.7 | 26.8 | 69 | 21.1 | 0.0 | SE | 0.00 | 1.6 | SE | 27.3 | 29.4 | 29.4 | 758.0 | 0.2 | 0.0 | 103 | 8.86 | 144 | 0.2 |
| 20/10/04 | 18:00 | 25.1 | 26.8 | 23.8 | 76 | 20.5 | 0.0 | SSE | 0.00 | 4.8 | SSE | 25.1 | 26.7 | 26.7 | 758.3 | 0.0 | 0.0 | 18 | 1.55 | 58 | 0.0 |
| 20/10/04 | 19:00 | 22.1 | 23.7 | 20.1 | 89 | 20.2 | 0.0 | E | 0.00 | 1.6 | E | 22.1 | 23.1 | 23.1 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 20:00 | 22.0 | 22.4 | 20.3 | 83 | 19.0 | 0.0 | S | 0.00 | 1.6 | S | 22.0 | 23.0 | 23.0 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 21:00 | 20.8 | 22.0 | 18.5 | 94 | 19.8 | 0.0 | --- | 0.00 | 0.0 | --- | 20.8 | 22.2 | 22.2 | 759.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 22:00 | 17.7 | 18.5 | 17.2 | 100 | 17.7 | 0.0 | --- | 0.00 | 0.0 | --- | 17.7 | 18.2 | 18.2 | 759.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/10/04 | 23:00 | 16.8 | 17.3 | 16.4 | 100 | 16.8 | 0.0 | --- | 0.00 | 0.0 | --- | 16.8 | 17.2 | 17.2 | 759.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 00:00 | 17.8 | 19.9 | 16.4 | 73 | 12.9 | 1.6 | E | 1.61 | 12.9 | E | 17.8 | 17.7 | 17.7 | 759.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 21/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 21/10/04 | 1:00 | 20.1 | 20.4 | 19.8 | 68 | 14.0 | 11.3 | E | 11.27 | 32.2 | ENE | 20.1 | 20.1 | 18.6 | 759.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 2:00 | 19.7 | 20.3 | 19.1 | 70 | 14.1 | 9.7 | E | 9.66 | 29.0 | ENE | 19.7 | 19.7 | 18.5 | 759.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 3:00 | 18.8 | 19.1 | 18.4 | 73 | 13.9 | 8.0 | E | 8.05 | 22.5 | E | 18.8 | 18.9 | 18.1 | 759.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 4:00 | 18.2 | 18.5 | 18.1 | 73 | 13.3 | 12.9 | E | 12.87 | 27.4 | E | 17.7 | 18.2 | 16.2 | 759.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 5:00 | 17.4 | 18.1 | 16.9 | 80 | 13.9 | 4.8 | ESE | 4.83 | 19.3 | E | 17.4 | 17.9 | 17.7 | 760.3 | 0.0 | 0.0 | 1 | 0.09 | 5 | 0.0 |
| 21/10/04 | 6:00 | 17.3 | 17.8 | 16.9 | 73 | 12.4 | 4.8 | E | 4.83 | 19.3 | ESE | 17.3 | 17.1 | 16.9 | 761.0 | 0.0 | 0.0 | 52 | 4.47 | 125 | 0.0 |
| 21/10/04 | 7:00 | 18.6 | 19.4 | 17.7 | 68 | 12.5 | 8.0 | E | 8.05 | 19.3 | SE | 18.6 | 18.3 | 17.5 | 761.5 | 0.0 | 0.0 | 226 | 19.44 | 310 | 0.4 |
| 21/10/04 | 8:00 | 20.2 | 21.2 | 19.4 | 61 | 12.5 | 11.3 | ESE | 11.27 | 27.4 | ESE | 20.2 | 20.2 | 18.7 | 761.7 | 0.0 | 0.0 | 394 | 33.89 | 475 | 1.0 |
| 21/10/04 | 9:00 | 21.7 | 22.3 | 21.0 | 58 | 13.0 | 14.5 | E | 14.48 | 25.7 | ENE | 21.7 | 21.4 | 19.4 | 761.6 | 0.0 | 0.0 | 548 | 47.13 | 616 | 1.8 |
| 21/10/04 | 10:00 | 23.1 | 24.1 | 22.2 | 54 | 13.3 | 12.9 | E | 12.87 | 27.4 | ENE | 23.1 | 23.1 | 21.5 | 761.1 | 0.0 | 0.0 | 671 | 57.71 | 718 | 2.2 |
| 21/10/04 | 11:00 | 24.7 | 25.5 | 23.8 | 48 | 13.0 | 11.3 | E | 11.27 | 22.5 | ENE | 24.7 | 24.5 | 23.5 | 760.5 | 0.0 | 0.0 | 744 | 63.99 | 762 | 3.3 |
| 21/10/04 | 12:00 | 26.0 | 26.8 | 25.3 | 49 | 14.5 | 8.0 | ENE | 8.05 | 19.3 | ENE | 26.0 | 26.0 | 25.6 | 759.3 | 0.0 | 0.0 | 762 | 65.54 | 765 | 3.5 |
| 21/10/04 | 13:00 | 27.3 | 27.9 | 26.3 | 43 | 13.6 | 8.0 | E | 8.05 | 19.3 | SE | 27.3 | 27.3 | 27.0 | 758.3 | 0.0 | 0.0 | 725 | 62.36 | 753 | 2.6 |
| 21/10/04 | 14:00 | 28.1 | 28.6 | 27.6 | 41 | 13.6 | 6.4 | E | 6.44 | 20.9 | ENE | 28.1 | 28.2 | 28.2 | 757.7 | 0.2 | 0.0 | 631 | 54.27 | 688 | 2.4 |
| 21/10/04 | 15:00 | 28.8 | 29.3 | 28.3 | 38 | 13.1 | 6.4 | SE | 6.44 | 22.5 | SSW | 28.8 | 28.6 | 28.6 | 757.1 | 0.0 | 0.0 | 496 | 42.66 | 570 | 1.5 |
| 21/10/04 | 16:00 | 28.9 | 29.2 | 28.8 | 46 | 16.2 | 4.8 | E | 4.83 | 16.1 | ENE | 28.9 | 29.6 | 29.6 | 756.8 | 0.0 | 0.0 | 326 | 28.04 | 415 | 0.7 |
| 21/10/04 | 17:00 | 28.2 | 28.9 | 27.3 | 53 | 17.7 | 3.2 | NE | 3.22 | 12.9 | E | 28.2 | 29.3 | 29.3 | 756.5 | 0.0 | 0.0 | 140 | 12.04 | 245 | 0.2 |
| 21/10/04 | 18:00 | 25.9 | 27.3 | 24.7 | 64 | 18.6 | 1.6 | ENE | 1.61 | 4.8 | NE | 25.9 | 26.9 | 26.9 | 756.4 | 0.0 | 0.0 | 25 | 2.15 | 76 | 0.0 |
| 21/10/04 | 19:00 | 22.8 | 24.7 | 21.0 | 89 | 20.9 | 0.0 | SSW | 0.00 | 8.0 | SSW | 22.8 | 23.9 | 23.9 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 20:00 | 20.9 | 21.8 | 20.2 | 80 | 17.3 | 0.0 | SW | 0.00 | 3.2 | SSW | 20.9 | 21.9 | 21.9 | 757.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 21:00 | 19.8 | 21.2 | 19.1 | 95 | 19.0 | 0.0 | N | 0.00 | 1.6 | N | 19.8 | 20.7 | 20.7 | 757.6 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 22:00 | 18.7 | 19.3 | 18.4 | 91 | 17.2 | 0.0 | N | 0.00 | 1.6 | ENE | 18.7 | 19.4 | 19.4 | 757.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/10/04 | 23:00 | 21.7 | 22.3 | 19.3 | 75 | 17.0 | 9.7 | ENE | 9.66 | 17.7 | ENE | 21.7 | 22.2 | 21.1 | 757.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 00:00 | 20.4 | 22.0 | 19.7 | 78 | 16.5 | 6.4 | ENE | 6.44 | 16.1 | ESE | 20.4 | 21.2 | 21.1 | 757.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 22/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 22/10/04 | 1:00 | 21.7 | 21.9 | 21.2 | 77 | 17.5 | 9.7 | E | 9.66 | 20.9 | ENE | 21.7 | 22.4 | 21.4 | 757.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 2:00 | 21.1 | 21.3 | 20.7 | 76 | 16.7 | 14.5 | E | 14.48 | 27.4 | E | 21.1 | 21.7 | 19.5 | 756.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 3:00 | 20.2 | 20.7 | 19.7 | 79 | 16.5 | 11.3 | E | 11.27 | 30.6 | E | 20.2 | 21.1 | 19.6 | 757.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 4:00 | 19.3 | 19.7 | 19.1 | 79 | 15.5 | 4.8 | E | 4.83 | 16.1 | ENE | 19.3 | 20.1 | 20.0 | 757.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 5:00 | 19.0 | 19.1 | 18.8 | 83 | 16.0 | 9.7 | E | 9.66 | 20.9 | ESE | 19.0 | 19.8 | 18.6 | 758.5 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 22/10/04 | 6:00 | 19.1 | 19.6 | 18.7 | 80 | 15.5 | 6.4 | E | 6.44 | 19.3 | E | 19.1 | 19.9 | 19.7 | 758.9 | 0.0 | 0.0 | 60 | 5.16 | 139 | 0.0 |
| 22/10/04 | 7:00 | 20.3 | 20.9 | 19.6 | 77 | 16.1 | 11.3 | E | 11.27 | 22.5 | E | 20.3 | 21.0 | 19.5 | 759.5 | 0.0 | 0.0 | 205 | 17.63 | 299 | 0.4 |
| 22/10/04 | 8:00 | 22.1 | 23.1 | 20.9 | 70 | 16.3 | 12.9 | E | 12.87 | 29.0 | NE | 22.1 | 22.2 | 20.5 | 759.7 | 0.0 | 0.0 | 374 | 32.17 | 486 | 0.9 |
| 22/10/04 | 9:00 | 23.6 | 24.2 | 22.9 | 68 | 17.3 | 16.1 | E | 16.09 | 32.2 | E | 23.6 | 24.3 | 22.3 | 759.8 | 0.0 | 0.0 | 538 | 46.27 | 670 | 1.5 |
| 22/10/04 | 10:00 | 24.8 | 25.5 | 24.1 | 67 | 18.2 | 16.1 | E | 16.09 | 32.2 | E | 24.8 | 25.5 | 23.7 | 759.2 | 0.2 | 0.0 | 675 | 58.06 | 741 | 2.3 |
| 22/10/04 | 11:00 | 25.9 | 26.7 | 25.2 | 67 | 19.3 | 14.5 | E | 14.48 | 27.4 | E | 25.9 | 26.9 | 25.5 | 758.4 | 0.0 | 0.0 | 684 | 58.83 | 801 | 2.8 |
| 22/10/04 | 12:00 | 27.1 | 27.7 | 26.4 | 67 | 20.5 | 14.5 | ENE | 14.48 | 27.4 | ENE | 27.1 | 28.9 | 27.7 | 757.4 | 0.0 | 0.0 | 744 | 63.99 | 836 | 2.9 |
| 22/10/04 | 13:00 | 28.1 | 28.8 | 27.3 | 61 | 19.9 | 12.9 | ENE | 12.87 | 25.7 | ENE | 28.1 | 29.5 | 28.6 | 756.6 | 0.0 | 0.0 | 683 | 58.75 | 788 | 2.7 |
| 22/10/04 | 14:00 | 28.8 | 29.6 | 28.2 | 59 | 20.0 | 11.3 | E | 11.27 | 22.5 | ENE | 28.8 | 30.6 | 30.0 | 756.0 | 0.0 | 0.0 | 590 | 50.75 | 699 | 2.0 |
| 22/10/04 | 15:00 | 29.7 | 30.1 | 29.3 | 61 | 21.3 | 11.3 | E | 11.27 | 20.9 | E | 29.7 | 32.6 | 32.0 | 755.3 | 0.0 | 0.0 | 509 | 43.78 | 596 | 1.4 |
| 22/10/04 | 16:00 | 29.9 | 30.1 | 29.7 | 61 | 21.6 | 8.0 | E | 8.05 | 19.3 | ENE | 29.9 | 33.0 | 32.8 | 754.8 | 0.0 | 0.0 | 293 | 25.20 | 428 | 0.5 |
| 22/10/04 | 17:00 | 29.3 | 29.7 | 28.7 | 70 | 23.2 | 8.0 | ENE | 8.05 | 16.1 | E | 29.3 | 33.6 | 33.3 | 754.8 | 0.0 | 0.0 | 143 | 12.30 | 230 | 0.1 |
| 22/10/04 | 18:00 | 27.6 | 28.7 | 26.8 | 76 | 22.9 | 3.2 | ENE | 3.22 | 12.9 | ENE | 27.6 | 30.7 | 30.7 | 754.9 | 0.0 | 0.0 | 20 | 1.72 | 67 | 0.0 |
| 22/10/04 | 19:00 | 26.0 | 26.8 | 25.4 | 85 | 23.3 | 0.0 | ENE | 0.00 | 1.6 | ENE | 26.0 | 28.6 | 28.6 | 755.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 20:00 | 25.1 | 25.4 | 24.5 | 81 | 21.6 | 0.0 | ENE | 0.00 | 1.6 | ENE | 25.1 | 27.1 | 27.1 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 21:00 | 23.4 | 24.5 | 22.7 | 89 | 21.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 24.8 | 24.8 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 22:00 | 23.0 | 23.7 | 22.6 | 87 | 20.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.0 | 24.1 | 24.1 | 756.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/10/04 | 23:00 | 23.6 | 23.8 | 23.3 | 90 | 21.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.2 | 25.2 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 00:00 | 23.4 | 23.6 | 23.3 | 89 | 21.5 | 1.6 | ENE | 1.61 | 11.3 | ENE | 23.4 | 24.8 | 24.8 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 23/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 23/10/04 | 1:00 | 23.4 | 23.7 | 22.4 | 90 | 21.7 | 4.8 | E | 4.83 | 11.3 | E | 23.4 | 24.9 | 24.9 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 2:00 | 22.2 | 22.9 | 21.6 | 95 | 21.4 | 4.8 | ENE | 4.83 | 16.1 | ENE | 22.2 | 23.7 | 23.7 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 3:00 | 23.4 | 23.7 | 22.9 | 93 | 22.2 | 12.9 | ENE | 12.87 | 27.4 | ENE | 23.4 | 24.9 | 23.5 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 4:00 | 22.7 | 23.2 | 22.4 | 93 | 21.5 | 11.3 | ENE | 11.27 | 19.3 | ENE | 22.7 | 24.0 | 22.7 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 5:00 | 22.3 | 22.5 | 22.2 | 94 | 21.3 | 12.9 | ENE | 12.87 | 25.7 | NE | 22.3 | 23.7 | 22.0 | 754.4 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 23/10/04 | 6:00 | 22.3 | 22.6 | 22.2 | 90 | 20.6 | 14.5 | ENE | 14.48 | 27.4 | NE | 22.3 | 23.3 | 21.4 | 755.2 | 0.2 | 0.0 | 45 | 3.87 | 132 | 0.0 |
| 23/10/04 | 7:00 | 23.6 | 24.8 | 22.6 | 78 | 19.5 | 17.7 | NE | 17.70 | 35.4 | NNE | 23.6 | 24.6 | 22.4 | 755.6 | 0.0 | 0.0 | 198 | 17.03 | 348 | 0.4 |
| 23/10/04 | 8:00 | 25.5 | 27.1 | 24.6 | 70 | 19.6 | 19.3 | NNE | 19.31 | 33.8 | NNE | 25.5 | 26.5 | 24.5 | 755.6 | 0.0 | 0.0 | 369 | 31.74 | 604 | 0.9 |
| 23/10/04 | 9:00 | 27.4 | 28.1 | 26.7 | 65 | 20.2 | 20.9 | NNE | 20.92 | 35.4 | N | 27.4 | 29.1 | 27.2 | 755.0 | 0.0 | 0.0 | 577 | 49.63 | 674 | 1.7 |
| 23/10/04 | 10:00 | 29.6 | 31.0 | 27.9 | 51 | 18.3 | 20.9 | NNE | 20.92 | 33.8 | N | 29.6 | 30.7 | 29.3 | 754.5 | 0.0 | 0.0 | 707 | 60.81 | 834 | 2.6 |
| 23/10/04 | 11:00 | 31.7 | 32.4 | 30.9 | 56 | 21.8 | 20.9 | N | 20.92 | 41.8 | N | 31.7 | 35.6 | 34.6 | 753.9 | 0.0 | 0.0 | 631 | 54.27 | 799 | 2.7 |
| 23/10/04 | 12:00 | 31.3 | 32.2 | 30.8 | 53 | 20.6 | 20.9 | N | 20.92 | 45.1 | N | 31.3 | 34.3 | 33.2 | 753.0 | 0.0 | 0.0 | 366 | 31.48 | 727 | 2.0 |
| 23/10/04 | 13:00 | 32.0 | 32.4 | 31.6 | 52 | 20.9 | 19.3 | N | 19.31 | 38.6 | N | 32.0 | 35.3 | 34.4 | 752.4 | 0.2 | 0.0 | 294 | 25.29 | 507 | 1.5 |
| 23/10/04 | 14:00 | 32.5 | 33.1 | 32.1 | 47 | 19.7 | 14.5 | N | 14.48 | 30.6 | N | 32.5 | 34.9 | 34.4 | 751.6 | 0.0 | 0.0 | 274 | 23.57 | 389 | 1.2 |
| 23/10/04 | 15:00 | 32.3 | 34.1 | 30.1 | 62 | 24.1 | 22.5 | N | 22.53 | 43.5 | NNE | 32.3 | 38.3 | 37.4 | 750.8 | 0.0 | 0.0 | 352 | 30.28 | 697 | 1.2 |
| 23/10/04 | 16:00 | 30.6 | 31.0 | 30.2 | 62 | 22.5 | 22.5 | NE | 22.53 | 40.2 | NE | 30.6 | 34.6 | 33.2 | 750.7 | 0.0 | 0.0 | 315 | 27.09 | 509 | 0.7 |
| 23/10/04 | 17:00 | 29.8 | 30.9 | 28.8 | 68 | 23.3 | 19.3 | NE | 19.31 | 40.2 | NE | 29.8 | 34.3 | 33.0 | 750.8 | 0.0 | 0.0 | 131 | 11.27 | 253 | 0.2 |
| 23/10/04 | 18:00 | 27.5 | 28.8 | 26.6 | 77 | 23.1 | 14.5 | ENE | 14.48 | 27.4 | NE | 27.5 | 30.7 | 29.6 | 751.2 | 0.0 | 0.0 | 10 | 0.86 | 18 | 0.0 |
| 23/10/04 | 19:00 | 25.8 | 26.6 | 25.2 | 84 | 22.9 | 11.3 | ENE | 11.27 | 20.9 | ENE | 25.8 | 28.2 | 27.3 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 20:00 | 24.8 | 25.3 | 24.1 | 86 | 22.3 | 12.9 | ENE | 12.87 | 22.5 | ENE | 24.8 | 26.7 | 25.4 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 21:00 | 24.1 | 24.1 | 23.9 | 90 | 22.3 | 11.3 | ENE | 11.27 | 20.9 | NE | 24.1 | 26.0 | 24.9 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 22:00 | 23.9 | 24.1 | 23.8 | 91 | 22.3 | 9.7 | ENE | 9.66 | 17.7 | ENE | 23.9 | 25.8 | 24.9 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/10/04 | 23:00 | 24.1 | 24.1 | 24.1 | 89 | 22.1 | 12.9 | ENE | 12.87 | 22.5 | ENE | 24.1 | 25.9 | 24.5 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 00:00 | 23.5 | 24.5 | 20.8 | 100 | 23.5 | 17.7 | S | 17.70 | 62.8 | WSW | 23.5 | 25.5 | 23.3 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 24/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 24/10/04 | 1:00 | 21.2 | 21.7 | 20.8 | 100 | 21.2 | 17.7 | SW | 17.70 | 43.5 | SW | 21.2 | 23.2 | 20.6 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 2:00 | 20.9 | 21.1 | 20.7 | 100 | 20.9 | 6.4 | E | 6.44 | 22.5 | ESE | 20.9 | 22.8 | 22.8 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 3:00 | 20.8 | 21.0 | 20.7 | 100 | 20.8 | 4.8 | WSW | 4.83 | 16.1 | SW | 20.8 | 22.6 | 22.6 | 753.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 4:00 | 20.9 | 21.1 | 20.8 | 100 | 20.9 | 6.4 | NE | 6.44 | 27.4 | NE | 20.9 | 22.8 | 22.8 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 5:00 | 21.5 | 22.1 | 21.0 | 94 | 20.5 | 17.7 | N | 17.70 | 43.5 | ENE | 21.5 | 22.9 | 20.3 | 752.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 6:00 | 21.2 | 21.4 | 21.1 | 99 | 21.1 | 12.9 | ENE | 12.87 | 29.0 | NE | 21.2 | 23.1 | 21.3 | 752.0 | 0.0 | 0.0 | 6 | 0.52 | 18 | 0.0 |
| 24/10/04 | 7:00 | 21.6 | 22.6 | 21.1 | 96 | 20.9 | 24.1 | E | 24.14 | 54.7 | W | 21.4 | 23.2 | 19.8 | 753.7 | 0.0 | 0.0 | 44 | 3.78 | 125 | 0.1 |
| 24/10/04 | 8:00 | 22.6 | 23.6 | 21.6 | 87 | 20.3 | 3.2 | W | 3.22 | 11.3 | W | 22.6 | 23.6 | 23.6 | 754.3 | 0.0 | 0.0 | 206 | 17.72 | 320 | 0.7 |
| 24/10/04 | 9:00 | 24.3 | 25.2 | 23.6 | 82 | 21.0 | 8.0 | N | 8.05 | 17.7 | N | 24.3 | 25.7 | 25.3 | 754.5 | 0.0 | 0.0 | 288 | 24.77 | 405 | 1.2 |
| 24/10/04 | 10:00 | 25.8 | 26.3 | 25.1 | 76 | 21.3 | 11.3 | N | 11.27 | 22.5 | N | 25.8 | 27.5 | 26.6 | 754.4 | 0.2 | 0.0 | 438 | 37.67 | 581 | 2.0 |
| 24/10/04 | 11:00 | 26.7 | 27.1 | 26.2 | 74 | 21.6 | 16.1 | NNE | 16.09 | 29.0 | NNE | 26.7 | 28.7 | 27.3 | 753.6 | 0.0 | 0.0 | 603 | 51.86 | 859 | 2.8 |
| 24/10/04 | 12:00 | 26.6 | 27.3 | 26.1 | 69 | 20.4 | 12.9 | NE | 12.87 | 27.4 | NE | 26.6 | 28.1 | 27.0 | 753.4 | 0.0 | 0.0 | 423 | 36.38 | 721 | 2.4 |
| 24/10/04 | 13:00 | 27.3 | 27.9 | 26.7 | 69 | 21.1 | 11.3 | NE | 11.27 | 22.5 | NE | 27.3 | 29.4 | 28.7 | 752.6 | 0.0 | 0.0 | 417 | 35.87 | 561 | 2.1 |
| 24/10/04 | 14:00 | 28.0 | 28.8 | 27.3 | 67 | 21.3 | 14.5 | N | 14.48 | 29.0 | N | 28.0 | 30.4 | 29.4 | 752.0 | 0.0 | 0.0 | 380 | 32.68 | 797 | 2.0 |
| 24/10/04 | 15:00 | 28.3 | 28.7 | 27.8 | 62 | 20.4 | 11.3 | N | 11.27 | 25.7 | NW | 28.3 | 30.1 | 29.4 | 751.4 | 0.2 | 0.0 | 434 | 37.33 | 607 | 1.4 |
| 24/10/04 | 16:00 | 28.3 | 28.8 | 27.7 | 62 | 20.3 | 11.3 | N | 11.27 | 25.7 | N | 28.3 | 30.0 | 29.3 | 751.3 | 0.0 | 0.0 | 341 | 29.33 | 459 | 0.8 |
| 24/10/04 | 17:00 | 27.5 | 28.0 | 26.6 | 70 | 21.5 | 8.0 | N | 8.05 | 19.3 | N | 27.5 | 30.0 | 29.7 | 751.3 | 0.0 | 0.0 | 153 | 13.16 | 282 | 0.3 |
| 24/10/04 | 18:00 | 24.9 | 26.6 | 23.7 | 80 | 21.3 | 4.8 | NE | 4.83 | 9.7 | NE | 24.9 | 26.9 | 26.9 | 751.5 | 0.0 | 0.0 | 19 | 1.63 | 40 | 0.0 |
| 24/10/04 | 19:00 | 22.9 | 23.7 | 22.5 | 87 | 20.7 | 6.4 | NE | 6.44 | 11.3 | NE | 22.9 | 24.0 | 24.0 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 20:00 | 22.4 | 22.6 | 22.2 | 90 | 20.7 | 8.0 | NE | 8.05 | 16.1 | NE | 22.4 | 23.4 | 22.8 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 21:00 | 22.2 | 22.6 | 21.7 | 94 | 21.2 | 9.7 | ENE | 9.66 | 20.9 | ENE | 22.2 | 23.6 | 22.6 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 22:00 | 22.4 | 22.6 | 22.0 | 97 | 21.9 | 9.7 | ENE | 9.66 | 17.7 | ENE | 22.4 | 24.2 | 23.2 | 751.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/10/04 | 23:00 | 22.0 | 22.5 | 21.7 | 95 | 21.2 | 9.7 | NE | 9.66 | 19.3 | ENE | 22.0 | 23.5 | 22.5 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 00:00 | 22.6 | 22.7 | 22.5 | 94 | 21.6 | 12.9 | NE | 12.87 | 22.5 | NE | 22.6 | 24.0 | 22.4 | 751.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 25/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 25/10/04 | 1:00 | 22.3 | 22.6 | 22.2 | 94 | 21.3 | 11.3 | NNE | 11.27 | 20.9 | NNE | 22.3 | 23.7 | 22.4 | 750.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 2:00 | 22.3 | 22.4 | 22.2 | 95 | 21.4 | 12.9 | N | 12.87 | 22.5 | NNE | 22.3 | 23.8 | 22.1 | 750.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 3:00 | 22.2 | 22.3 | 21.8 | 98 | 21.8 | 9.7 | N | 9.66 | 20.9 | NNE | 22.2 | 23.9 | 22.9 | 750.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 4:00 | 20.7 | 22.1 | 19.1 | 98 | 20.4 | 16.1 | SW | 16.09 | 51.5 | WSW | 20.7 | 22.3 | 19.8 | 751.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 5:00 | 19.0 | 19.3 | 18.6 | 97 | 18.5 | 8.0 | SSW | 8.05 | 19.3 | SSW | 19.0 | 19.7 | 18.8 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 5 | 0.0 |
| 25/10/04 | 6:00 | 18.7 | 19.1 | 18.5 | 97 | 18.2 | 3.2 | WSW | 3.22 | 16.1 | WSW | 18.7 | 19.3 | 19.3 | 752.9 | 0.2 | 0.0 | 31 | 2.67 | 99 | 0.0 |
| 25/10/04 | 7:00 | 19.6 | 20.1 | 19.1 | 96 | 19.0 | 4.8 | W | 4.83 | 16.1 | WSW | 19.6 | 20.4 | 20.4 | 753.9 | 0.0 | 0.0 | 62 | 5.33 | 132 | 0.2 |
| 25/10/04 | 8:00 | 19.3 | 20.1 | 18.7 | 94 | 18.3 | 16.1 | WSW | 16.09 | 30.6 | WSW | 18.8 | 20.0 | 17.4 | 753.7 | 0.0 | 0.0 | 61 | 5.25 | 121 | 0.3 |
| 25/10/04 | 9:00 | 18.7 | 19.1 | 18.3 | 94 | 17.7 | 11.3 | W | 11.27 | 19.3 | W | 18.5 | 19.3 | 17.7 | 754.4 | 0.0 | 0.0 | 127 | 10.92 | 211 | 0.7 |
| 25/10/04 | 10:00 | 19.3 | 19.9 | 19.1 | 89 | 17.4 | 12.9 | WSW | 12.87 | 25.7 | WSW | 19.1 | 20.2 | 18.2 | 754.8 | 0.0 | 0.0 | 174 | 14.97 | 276 | 0.9 |
| 25/10/04 | 11:00 | 20.6 | 21.9 | 19.8 | 79 | 16.8 | 11.3 | WNW | 11.27 | 19.3 | W | 20.6 | 21.5 | 20.0 | 754.6 | 0.0 | 0.0 | 311 | 26.75 | 489 | 1.7 |
| 25/10/04 | 12:00 | 22.6 | 23.7 | 21.7 | 66 | 15.9 | 6.4 | W | 6.44 | 19.3 | WSW | 22.6 | 22.9 | 22.9 | 753.5 | 0.0 | 0.0 | 382 | 32.86 | 509 | 2.0 |
| 25/10/04 | 13:00 | 24.2 | 25.4 | 23.4 | 59 | 15.7 | 12.9 | SW | 12.87 | 29.0 | SW | 24.2 | 24.2 | 22.8 | 753.0 | 0.0 | 0.0 | 492 | 42.32 | 973 | 2.7 |
| 25/10/04 | 14:00 | 25.7 | 26.7 | 24.9 | 47 | 13.5 | 11.3 | W | 11.27 | 25.7 | SW | 25.7 | 25.6 | 24.6 | 752.2 | 0.2 | 0.0 | 608 | 52.29 | 929 | 2.6 |
| 25/10/04 | 15:00 | 26.6 | 27.3 | 25.9 | 47 | 14.4 | 9.7 | WSW | 9.66 | 22.5 | WSW | 26.6 | 26.6 | 26.0 | 751.8 | 0.0 | 0.0 | 567 | 48.77 | 720 | 1.8 |
| 25/10/04 | 16:00 | 26.5 | 26.9 | 25.8 | 45 | 13.6 | 9.7 | WSW | 9.66 | 20.9 | WSW | 26.5 | 26.5 | 25.9 | 751.6 | 0.0 | 0.0 | 353 | 30.36 | 510 | 0.8 |
| 25/10/04 | 17:00 | 25.8 | 26.7 | 25.0 | 50 | 14.6 | 8.0 | SW | 8.05 | 19.3 | SW | 25.8 | 25.8 | 25.5 | 751.9 | 0.0 | 0.0 | 200 | 17.20 | 340 | 0.3 |
| 25/10/04 | 18:00 | 22.9 | 25.0 | 21.1 | 74 | 18.0 | 3.2 | SSW | 3.22 | 12.9 | SW | 22.9 | 23.8 | 23.8 | 752.1 | 0.0 | 0.0 | 33 | 2.84 | 95 | 0.0 |
| 25/10/04 | 19:00 | 20.3 | 21.2 | 19.1 | 79 | 16.6 | 1.6 | SW | 1.61 | 8.0 | WNW | 20.3 | 21.2 | 21.2 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 20:00 | 18.4 | 19.3 | 17.7 | 90 | 16.7 | 0.0 | W | 0.00 | 3.2 | WNW | 18.4 | 19.1 | 19.1 | 753.5 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 21:00 | 17.3 | 17.8 | 16.9 | 96 | 16.6 | 0.0 | W | 0.00 | 4.8 | WNW | 17.3 | 17.6 | 17.6 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 22:00 | 16.2 | 17.1 | 15.7 | 99 | 16.0 | 0.0 | WNW | 0.00 | 4.8 | WNW | 16.2 | 16.4 | 16.4 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/10/04 | 23:00 | 15.6 | 16.1 | 15.1 | 99 | 15.4 | 0.0 | WNW | 0.00 | 3.2 | WNW | 15.6 | 15.8 | 15.8 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 00:00 | 15.3 | 15.6 | 14.9 | 100 | 15.3 | 0.0 | --- | 0.00 | 0.0 | --- | 15.3 | 15.6 | 15.6 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 26/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 26/10/04 | 1:00 | 14.6 | 15.0 | 13.8 | 100 | 14.6 | 0.0 | WNW | 0.00 | 3.2 | WNW | 14.6 | 14.8 | 14.8 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 2:00 | 14.1 | 14.7 | 13.2 | 100 | 14.1 | 0.0 | N | 0.00 | 4.8 | N | 14.1 | 14.3 | 14.3 | 753.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 3:00 | 13.5 | 13.8 | 13.2 | 100 | 13.5 | 0.0 | NNW | 0.00 | 4.8 | NW | 13.5 | 13.7 | 13.7 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 4:00 | 12.9 | 13.4 | 12.3 | 100 | 12.9 | 1.6 | W | 1.61 | 8.0 | WNW | 12.9 | 13.2 | 13.2 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 5:00 | 12.7 | 12.8 | 12.4 | 100 | 12.7 | 0.0 | WNW | 0.00 | 3.2 | WNW | 12.7 | 12.9 | 12.9 | 755.4 | 0.0 | 0.0 | 2 | 0.17 | 11 | 0.0 |
| 26/10/04 | 6:00 | 13.6 | 15.3 | 12.6 | 96 | 13.0 | 0.0 | --- | 0.00 | 0.0 | --- | 13.6 | 13.7 | 13.7 | 756.1 | 0.0 | 0.0 | 79 | 6.79 | 158 | 0.1 |
| 26/10/04 | 7:00 | 17.1 | 18.6 | 15.3 | 81 | 13.8 | 1.6 | SW | 1.61 | 9.7 | SW | 17.1 | 17.6 | 17.6 | 756.7 | 0.0 | 0.0 | 254 | 21.85 | 362 | 0.5 |
| 26/10/04 | 8:00 | 20.1 | 21.3 | 18.6 | 64 | 13.0 | 3.2 | SW | 3.22 | 11.3 | SSE | 20.1 | 20.1 | 20.1 | 757.1 | 0.2 | 0.0 | 458 | 39.39 | 544 | 1.2 |
| 26/10/04 | 9:00 | 22.4 | 23.2 | 21.4 | 61 | 14.5 | 3.2 | SSE | 3.22 | 12.9 | SSW | 22.4 | 22.4 | 22.4 | 757.3 | 0.0 | 0.0 | 622 | 53.50 | 691 | 2.1 |
| 26/10/04 | 10:00 | 23.9 | 24.6 | 23.1 | 48 | 12.2 | 6.4 | SSE | 6.44 | 16.1 | SSE | 23.9 | 23.7 | 23.7 | 757.3 | 0.0 | 0.0 | 747 | 64.25 | 790 | 3.2 |
| 26/10/04 | 11:00 | 25.3 | 26.1 | 24.6 | 47 | 13.2 | 4.8 | E | 4.83 | 16.1 | S | 25.3 | 25.1 | 25.1 | 756.6 | 0.0 | 0.0 | 816 | 70.19 | 832 | 3.9 |
| 26/10/04 | 12:00 | 26.0 | 26.7 | 25.3 | 44 | 12.8 | 9.7 | SSE | 9.66 | 19.3 | S | 26.0 | 25.9 | 25.3 | 756.0 | 0.0 | 0.0 | 832 | 71.56 | 839 | 4.1 |
| 26/10/04 | 13:00 | 27.1 | 27.6 | 26.6 | 44 | 13.8 | 4.8 | SSE | 4.83 | 19.3 | SSE | 27.1 | 27.2 | 27.2 | 755.2 | 0.0 | 0.0 | 789 | 67.86 | 822 | 3.7 |
| 26/10/04 | 14:00 | 27.6 | 28.0 | 27.2 | 39 | 12.4 | 6.4 | SSE | 6.44 | 19.3 | S | 27.6 | 27.5 | 27.5 | 754.7 | 0.2 | 0.0 | 692 | 59.52 | 748 | 2.8 |
| 26/10/04 | 15:00 | 28.1 | 28.7 | 27.6 | 39 | 12.8 | 3.2 | SSE | 3.22 | 16.1 | S | 28.1 | 27.9 | 27.9 | 754.4 | 0.0 | 0.0 | 544 | 46.79 | 625 | 1.7 |
| 26/10/04 | 16:00 | 28.2 | 28.4 | 28.0 | 39 | 13.0 | 3.2 | SSE | 3.22 | 11.3 | S | 28.2 | 28.1 | 28.1 | 754.2 | 0.0 | 0.0 | 366 | 31.48 | 457 | 0.9 |
| 26/10/04 | 17:00 | 27.8 | 28.4 | 27.2 | 49 | 16.1 | 1.6 | E | 1.61 | 6.4 | SE | 27.8 | 28.5 | 28.5 | 754.2 | 0.0 | 0.0 | 184 | 15.83 | 273 | 0.3 |
| 26/10/04 | 18:00 | 25.8 | 27.2 | 24.8 | 58 | 16.9 | 0.0 | E | 0.00 | 3.2 | ESE | 25.8 | 26.4 | 26.4 | 754.3 | 0.0 | 0.0 | 30 | 2.58 | 91 | 0.0 |
| 26/10/04 | 19:00 | 22.6 | 24.8 | 21.1 | 75 | 18.0 | 0.0 | E | 0.00 | 3.2 | SE | 22.6 | 23.4 | 23.4 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 20:00 | 20.9 | 21.6 | 19.5 | 91 | 19.4 | 0.0 | --- | 0.00 | 0.0 | --- | 20.9 | 22.1 | 22.1 | 755.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 21:00 | 19.1 | 19.6 | 18.7 | 93 | 18.0 | 0.0 | --- | 0.00 | 0.0 | --- | 19.1 | 19.8 | 19.8 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 22:00 | 18.4 | 18.9 | 17.9 | 100 | 18.4 | 0.0 | WNW | 0.00 | 3.2 | WNW | 18.4 | 19.1 | 19.1 | 756.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/10/04 | 23:00 | 17.6 | 17.9 | 17.4 | 100 | 17.6 | 0.0 | WNW | 0.00 | 3.2 | WNW | 17.6 | 18.1 | 18.1 | 757.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 00:00 | 17.6 | 17.8 | 17.5 | 98 | 17.3 | 0.0 | --- | 0.00 | 0.0 | --- | 17.6 | 18.1 | 18.1 | 756.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 27/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 27/10/04 | 1:00 | 17.3 | 17.7 | 16.4 | 100 | 17.3 | 0.0 | WNW | 0.00 | 3.2 | WNW | 17.3 | 17.7 | 17.7 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 2:00 | 16.5 | 17.3 | 15.8 | 100 | 16.5 | 0.0 | WNW | 0.00 | 3.2 | WNW | 16.5 | 16.9 | 16.9 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 3:00 | 16.0 | 16.6 | 15.1 | 99 | 15.8 | 1.6 | WNW | 1.61 | 8.0 | WSW | 16.0 | 16.3 | 16.3 | 756.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 4:00 | 15.4 | 15.6 | 15.2 | 100 | 15.4 | 1.6 | WSW | 1.61 | 8.0 | WSW | 15.4 | 15.7 | 15.7 | 757.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 5:00 | 15.3 | 15.5 | 15.1 | 100 | 15.3 | 0.0 | WSW | 0.00 | 3.2 | WSW | 15.3 | 15.6 | 15.6 | 758.1 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 27/10/04 | 6:00 | 15.8 | 17.9 | 14.6 | 98 | 15.5 | 8.0 | SW | 8.05 | 17.7 | SW | 15.3 | 16.1 | 14.9 | 758.7 | 0.0 | 0.0 | 73 | 6.28 | 157 | 0.1 |
| 27/10/04 | 7:00 | 19.3 | 20.5 | 17.9 | 85 | 16.7 | 12.9 | SW | 12.87 | 22.5 | WSW | 19.1 | 20.3 | 18.3 | 759.3 | 0.0 | 0.0 | 256 | 22.02 | 362 | 0.5 |
| 27/10/04 | 8:00 | 22.2 | 24.2 | 20.5 | 67 | 15.8 | 14.5 | SW | 14.48 | 22.5 | SSW | 22.2 | 22.4 | 20.4 | 759.5 | 0.2 | 0.0 | 452 | 38.88 | 535 | 1.2 |
| 27/10/04 | 9:00 | 25.3 | 26.3 | 24.1 | 55 | 15.6 | 14.5 | SSW | 14.48 | 29.0 | SSW | 25.3 | 25.5 | 24.0 | 759.2 | 0.0 | 0.0 | 613 | 52.72 | 683 | 2.1 |
| 27/10/04 | 10:00 | 26.5 | 27.1 | 26.0 | 52 | 15.8 | 16.1 | S | 16.09 | 27.4 | S | 26.5 | 26.7 | 25.2 | 759.1 | 0.0 | 0.0 | 735 | 63.22 | 778 | 3.0 |
| 27/10/04 | 11:00 | 27.9 | 28.8 | 26.9 | 44 | 14.6 | 19.3 | S | 19.31 | 38.6 | S | 27.9 | 28.3 | 26.6 | 758.9 | 0.0 | 0.0 | 805 | 69.24 | 829 | 3.7 |
| 27/10/04 | 12:00 | 28.4 | 28.9 | 27.9 | 32 | 10.2 | 19.3 | S | 19.31 | 33.8 | SSW | 28.4 | 27.7 | 26.1 | 758.6 | 0.0 | 0.0 | 826 | 71.05 | 832 | 3.9 |
| 27/10/04 | 13:00 | 29.0 | 29.4 | 28.6 | 27 | 8.1 | 17.7 | S | 17.70 | 33.8 | S | 29.0 | 27.7 | 26.5 | 758.2 | 0.2 | 0.0 | 791 | 68.03 | 818 | 3.6 |
| 27/10/04 | 14:00 | 29.2 | 29.7 | 28.9 | 33 | 11.3 | 12.9 | SSW | 12.87 | 29.0 | SSW | 29.2 | 28.5 | 27.7 | 757.9 | 0.0 | 0.0 | 686 | 59.00 | 750 | 2.7 |
| 27/10/04 | 15:00 | 29.1 | 29.5 | 28.8 | 29 | 9.3 | 11.3 | S | 11.27 | 27.4 | S | 29.1 | 28.0 | 27.4 | 757.6 | 0.0 | 0.0 | 543 | 46.70 | 619 | 1.7 |
| 27/10/04 | 16:00 | 29.1 | 29.6 | 28.8 | 29 | 9.3 | 12.9 | SW | 12.87 | 29.0 | SW | 29.1 | 28.0 | 27.2 | 757.6 | 0.0 | 0.0 | 353 | 30.36 | 461 | 0.8 |
| 27/10/04 | 17:00 | 27.8 | 29.1 | 26.2 | 41 | 13.4 | 14.5 | SW | 14.48 | 27.4 | WSW | 27.8 | 27.9 | 26.8 | 757.8 | 0.0 | 0.0 | 189 | 16.26 | 278 | 0.3 |
| 27/10/04 | 18:00 | 23.7 | 26.2 | 21.3 | 60 | 15.5 | 8.0 | SW | 8.05 | 17.7 | SW | 23.7 | 23.7 | 23.2 | 758.1 | 0.0 | 0.0 | 31 | 2.67 | 97 | 0.0 |
| 27/10/04 | 19:00 | 20.1 | 21.3 | 19.1 | 70 | 14.4 | 8.0 | SW | 8.05 | 11.3 | SW | 20.1 | 20.1 | 19.3 | 758.5 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 20:00 | 18.3 | 19.1 | 17.6 | 75 | 13.8 | 3.2 | WSW | 3.22 | 8.0 | SW | 18.3 | 18.5 | 18.5 | 758.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 21:00 | 17.3 | 17.7 | 16.8 | 77 | 13.2 | 1.6 | SW | 1.61 | 6.4 | SW | 17.3 | 17.4 | 17.4 | 759.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 22:00 | 16.9 | 17.1 | 16.6 | 82 | 13.8 | 1.6 | W | 1.61 | 8.0 | W | 16.9 | 17.3 | 17.3 | 759.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/10/04 | 23:00 | 15.9 | 16.6 | 15.4 | 84 | 13.2 | 1.6 | W | 1.61 | 8.0 | WSW | 15.9 | 16.1 | 16.1 | 759.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 00:00 | 15.1 | 15.5 | 14.2 | 85 | 12.6 | 3.2 | SW | 3.22 | 8.0 | SW | 15.1 | 15.2 | 15.1 | 758.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 28/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 28/10/04 | 1:00 | 13.6 | 14.2 | 12.8 | 91 | 12.1 | 3.2 | WSW | 3.22 | 8.0 | SW | 13.6 | 13.7 | 13.5 | 758.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 2:00 | 12.8 | 13.0 | 12.6 | 91 | 11.3 | 4.8 | WSW | 4.83 | 9.7 | WSW | 12.3 | 12.9 | 12.3 | 758.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 3:00 | 12.7 | 13.1 | 12.3 | 90 | 11.1 | 4.8 | SW | 4.83 | 9.7 | SW | 12.3 | 12.8 | 12.2 | 758.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 4:00 | 12.5 | 12.8 | 12.2 | 94 | 11.6 | 1.6 | SW | 1.61 | 8.0 | SW | 12.5 | 12.6 | 12.6 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 5:00 | 12.3 | 12.6 | 11.9 | 95 | 11.5 | 0.0 | WSW | 0.00 | 4.8 | WSW | 12.3 | 12.4 | 12.4 | 759.4 | 0.0 | 0.0 | 2 | 0.17 | 9 | 0.0 |
| 28/10/04 | 6:00 | 13.1 | 14.8 | 12.4 | 92 | 11.8 | 0.0 | W | 0.00 | 3.2 | W | 13.1 | 13.2 | 13.2 | 760.4 | 0.0 | 0.0 | 76 | 6.54 | 164 | 0.0 |
| 28/10/04 | 7:00 | 17.6 | 20.4 | 14.8 | 69 | 11.8 | 0.0 | NE | 0.00 | 8.0 | E | 17.6 | 17.2 | 17.2 | 760.7 | 0.0 | 0.0 | 261 | 22.45 | 354 | 0.4 |
| 28/10/04 | 8:00 | 20.4 | 21.3 | 19.8 | 78 | 16.5 | 9.7 | E | 9.66 | 20.9 | ENE | 20.4 | 21.2 | 20.1 | 760.8 | 0.0 | 0.0 | 439 | 37.76 | 521 | 0.9 |
| 28/10/04 | 9:00 | 22.3 | 22.9 | 21.3 | 71 | 16.8 | 9.7 | ENE | 9.66 | 19.3 | ENE | 22.3 | 22.6 | 21.6 | 760.9 | 0.2 | 0.0 | 597 | 51.35 | 667 | 1.7 |
| 28/10/04 | 10:00 | 23.8 | 24.6 | 22.8 | 64 | 16.6 | 11.3 | ENE | 11.27 | 22.5 | ENE | 23.8 | 24.2 | 23.1 | 761.0 | 0.0 | 0.0 | 720 | 61.93 | 764 | 2.4 |
| 28/10/04 | 11:00 | 25.2 | 26.0 | 24.4 | 60 | 16.9 | 9.7 | ENE | 9.66 | 19.3 | ENE | 25.2 | 25.4 | 24.7 | 760.7 | 0.0 | 0.0 | 792 | 68.12 | 813 | 3.0 |
| 28/10/04 | 12:00 | 26.2 | 26.9 | 25.6 | 56 | 16.7 | 8.0 | E | 8.05 | 20.9 | ENE | 26.2 | 26.8 | 26.5 | 760.0 | 0.0 | 0.0 | 812 | 69.84 | 818 | 3.1 |
| 28/10/04 | 13:00 | 27.2 | 27.8 | 26.6 | 54 | 17.1 | 9.7 | ENE | 9.66 | 20.9 | ENE | 27.2 | 27.8 | 27.2 | 759.4 | 0.0 | 0.0 | 743 | 63.91 | 802 | 2.8 |
| 28/10/04 | 14:00 | 28.1 | 28.4 | 27.6 | 49 | 16.3 | 9.7 | E | 9.66 | 19.3 | ENE | 28.1 | 28.8 | 28.3 | 758.7 | 0.2 | 0.0 | 679 | 58.40 | 732 | 2.2 |
| 28/10/04 | 15:00 | 28.4 | 28.6 | 28.1 | 47 | 16.0 | 8.0 | E | 8.05 | 19.3 | ENE | 28.4 | 29.1 | 28.9 | 757.9 | 0.0 | 0.0 | 540 | 46.45 | 618 | 1.4 |
| 28/10/04 | 16:00 | 28.6 | 28.7 | 28.3 | 48 | 16.5 | 8.0 | E | 8.05 | 12.9 | ENE | 28.6 | 29.3 | 29.1 | 757.4 | 0.0 | 0.0 | 342 | 29.42 | 457 | 0.6 |
| 28/10/04 | 17:00 | 28.2 | 28.6 | 27.4 | 52 | 17.4 | 8.0 | NE | 8.05 | 12.9 | ENE | 28.2 | 29.2 | 28.9 | 757.3 | 0.0 | 0.0 | 185 | 15.91 | 274 | 0.3 |
| 28/10/04 | 18:00 | 26.3 | 27.4 | 24.7 | 61 | 18.2 | 1.6 | ENE | 1.61 | 8.0 | NE | 26.3 | 27.3 | 27.3 | 757.6 | 0.0 | 0.0 | 30 | 2.58 | 93 | 0.0 |
| 28/10/04 | 19:00 | 23.5 | 24.7 | 22.9 | 67 | 17.0 | 0.0 | NE | 0.00 | 1.6 | NE | 23.5 | 24.2 | 24.2 | 757.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 20:00 | 21.6 | 22.9 | 18.9 | 86 | 19.2 | 0.0 | WSW | 0.00 | 4.8 | WSW | 21.6 | 22.6 | 22.6 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 21:00 | 19.1 | 19.7 | 18.6 | 92 | 17.8 | 0.0 | WSW | 0.00 | 3.2 | WSW | 19.1 | 19.9 | 19.9 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 22:00 | 18.5 | 18.9 | 17.9 | 100 | 18.5 | 0.0 | WSW | 0.00 | 1.6 | WSW | 18.5 | 19.2 | 19.2 | 758.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/10/04 | 23:00 | 18.2 | 18.3 | 17.9 | 100 | 18.2 | 0.0 | --- | 0.00 | 0.0 | --- | 18.2 | 18.7 | 18.7 | 758.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 00:00 | 17.2 | 18.2 | 16.3 | 100 | 17.2 | 0.0 | WSW | 0.00 | 3.2 | E | 17.2 | 17.6 | 17.6 | 758.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 29/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 29/10/04 | 1:00 | 16.4 | 17.0 | 15.6 | 100 | 16.4 | 1.6 | N | 1.61 | 8.0 | N | 16.4 | 16.8 | 16.8 | 758.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 2:00 | 19.2 | 20.4 | 16.3 | 80 | 15.7 | 9.7 | ENE | 9.66 | 22.5 | E | 19.2 | 20.1 | 18.9 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 3:00 | 19.7 | 20.1 | 19.5 | 81 | 16.4 | 11.3 | E | 11.27 | 19.3 | E | 19.7 | 20.7 | 19.2 | 758.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 4:00 | 18.3 | 19.5 | 17.8 | 82 | 15.2 | 14.5 | ENE | 14.48 | 30.6 | ENE | 17.7 | 18.9 | 16.5 | 758.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 5:00 | 17.1 | 17.9 | 16.4 | 88 | 15.1 | 12.9 | ENE | 12.87 | 25.7 | NE | 16.3 | 17.6 | 15.4 | 759.2 | 0.0 | 0.0 | 2 | 0.17 | 11 | 0.0 |
| 29/10/04 | 6:00 | 16.8 | 17.4 | 16.4 | 80 | 13.4 | 9.7 | NE | 9.66 | 17.7 | ENE | 16.3 | 17.2 | 15.8 | 759.8 | 0.0 | 0.0 | 82 | 7.05 | 172 | 0.0 |
| 29/10/04 | 7:00 | 18.3 | 19.1 | 17.4 | 71 | 13.0 | 11.3 | ENE | 11.27 | 29.0 | ENE | 18.0 | 18.2 | 16.5 | 760.1 | 0.0 | 0.0 | 270 | 23.22 | 362 | 0.5 |
| 29/10/04 | 8:00 | 19.6 | 20.3 | 18.9 | 65 | 12.8 | 16.1 | E | 16.09 | 30.6 | ENE | 19.3 | 19.6 | 16.9 | 760.3 | 0.0 | 0.0 | 454 | 39.05 | 540 | 1.1 |
| 29/10/04 | 9:00 | 21.1 | 21.7 | 20.2 | 61 | 13.3 | 14.5 | ENE | 14.48 | 27.4 | ENE | 21.1 | 21.1 | 19.0 | 760.3 | 0.0 | 0.0 | 619 | 53.24 | 688 | 1.9 |
| 29/10/04 | 10:00 | 22.7 | 23.6 | 21.7 | 52 | 12.3 | 14.5 | ENE | 14.48 | 27.4 | ENE | 22.7 | 22.4 | 20.5 | 760.1 | 0.0 | 0.0 | 744 | 63.99 | 790 | 2.7 |
| 29/10/04 | 11:00 | 24.2 | 25.1 | 23.4 | 55 | 14.6 | 12.9 | E | 12.87 | 22.5 | ENE | 24.2 | 24.2 | 22.8 | 759.8 | 0.0 | 0.0 | 811 | 69.76 | 829 | 3.3 |
| 29/10/04 | 12:00 | 25.2 | 25.7 | 24.8 | 50 | 14.1 | 9.7 | E | 9.66 | 20.9 | ESE | 25.2 | 25.2 | 24.5 | 759.0 | 0.2 | 0.0 | 826 | 71.05 | 832 | 3.5 |
| 29/10/04 | 13:00 | 26.3 | 26.9 | 25.5 | 51 | 15.3 | 9.7 | E | 9.66 | 19.3 | ENE | 26.3 | 26.4 | 25.7 | 757.7 | 0.0 | 0.0 | 785 | 67.52 | 815 | 3.2 |
| 29/10/04 | 14:00 | 27.2 | 27.7 | 26.6 | 48 | 15.2 | 11.3 | E | 11.27 | 19.3 | E | 27.2 | 27.3 | 26.6 | 756.9 | 0.0 | 0.0 | 689 | 59.26 | 744 | 2.4 |
| 29/10/04 | 15:00 | 27.9 | 28.3 | 27.4 | 47 | 15.5 | 11.3 | E | 11.27 | 20.9 | E | 27.9 | 28.4 | 27.7 | 756.2 | 0.2 | 0.0 | 547 | 47.05 | 623 | 1.3 |
| 29/10/04 | 16:00 | 28.7 | 28.9 | 28.1 | 47 | 16.2 | 8.0 | ENE | 8.05 | 19.3 | E | 28.7 | 29.4 | 29.2 | 755.9 | 0.0 | 0.0 | 377 | 32.43 | 466 | 0.8 |
| 29/10/04 | 17:00 | 28.3 | 28.8 | 27.7 | 54 | 18.1 | 4.8 | ENE | 4.83 | 12.9 | ENE | 28.3 | 29.4 | 29.4 | 756.0 | 0.0 | 0.0 | 194 | 16.69 | 285 | 0.3 |
| 29/10/04 | 18:00 | 26.6 | 27.6 | 25.3 | 79 | 22.6 | 0.0 | ENE | 0.00 | 4.8 | ENE | 26.6 | 29.0 | 29.0 | 755.9 | 0.0 | 0.0 | 32 | 2.75 | 100 | 0.0 |
| 29/10/04 | 19:00 | 23.6 | 25.3 | 22.4 | 88 | 21.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.0 | 25.0 | 756.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 20:00 | 22.5 | 22.7 | 22.1 | 90 | 20.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.5 | 23.5 | 23.5 | 756.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 21:00 | 20.1 | 22.6 | 17.4 | 98 | 19.8 | 0.0 | --- | 0.00 | 0.0 | --- | 20.1 | 21.2 | 21.2 | 756.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 22:00 | 18.2 | 18.7 | 17.3 | 100 | 18.2 | 0.0 | --- | 0.00 | 0.0 | --- | 18.2 | 18.7 | 18.7 | 757.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/10/04 | 23:00 | 16.9 | 17.3 | 16.4 | 100 | 16.9 | 0.0 | --- | 0.00 | 0.0 | --- | 16.9 | 17.3 | 17.3 | 757.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 00:00 | 16.4 | 16.7 | 16.1 | 100 | 16.4 | 0.0 | --- | 0.00 | 0.0 | --- | 16.4 | 16.7 | 16.7 | 756.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 30/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 30/10/04 | 1:00 | 15.6 | 16.8 | 14.5 | 100 | 15.6 | 0.0 | NNE | 0.00 | 3.2 | NNE | 15.6 | 15.8 | 15.8 | 756.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 2:00 | 15.0 | 15.3 | 14.8 | 100 | 15.0 | 0.0 | NNE | 0.00 | 3.2 | NNE | 15.0 | 15.2 | 15.2 | 756.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 3:00 | 14.8 | 15.3 | 14.7 | 100 | 14.8 | 0.0 | NNE | 0.00 | 3.2 | NNE | 14.8 | 15.1 | 15.1 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 4:00 | 14.7 | 15.3 | 14.2 | 100 | 14.7 | 0.0 | NNE | 0.00 | 3.2 | NNE | 14.7 | 14.9 | 14.9 | 756.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 5:00 | 14.3 | 14.5 | 14.1 | 100 | 14.3 | 0.0 | NNE | 0.00 | 3.2 | NNE | 14.3 | 14.5 | 14.5 | 757.2 | 0.0 | 0.0 | 2 | 0.17 | 11 | 0.0 |
| 30/10/04 | 6:00 | 14.9 | 16.6 | 14.2 | 100 | 14.9 | 0.0 | NNE | 0.00 | 3.2 | NNE | 14.9 | 15.2 | 15.2 | 757.8 | 0.0 | 0.0 | 74 | 6.36 | 146 | 0.0 |
| 30/10/04 | 7:00 | 18.8 | 21.3 | 16.7 | 91 | 17.3 | 0.0 | W | 0.00 | 4.8 | NNW | 18.8 | 19.6 | 19.6 | 758.2 | 0.0 | 0.0 | 229 | 19.70 | 331 | 0.4 |
| 30/10/04 | 8:00 | 23.0 | 24.1 | 21.3 | 80 | 19.4 | 4.8 | E | 4.83 | 12.9 | E | 23.0 | 24.0 | 24.0 | 758.1 | 0.2 | 0.0 | 422 | 36.30 | 505 | 1.0 |
| 30/10/04 | 9:00 | 25.8 | 26.8 | 24.1 | 71 | 20.2 | 12.9 | E | 12.87 | 25.7 | E | 25.8 | 27.0 | 25.9 | 758.1 | 0.0 | 0.0 | 581 | 49.97 | 648 | 1.7 |
| 30/10/04 | 10:00 | 27.6 | 28.9 | 26.8 | 71 | 21.9 | 12.9 | E | 12.87 | 20.9 | ENE | 27.6 | 30.3 | 29.4 | 757.8 | 0.0 | 0.0 | 701 | 60.29 | 741 | 2.5 |
| 30/10/04 | 11:00 | 29.5 | 30.4 | 28.7 | 63 | 21.7 | 11.3 | E | 11.27 | 20.9 | E | 29.5 | 32.6 | 32.0 | 757.0 | 0.0 | 0.0 | 772 | 66.40 | 794 | 3.1 |
| 30/10/04 | 12:00 | 31.1 | 32.1 | 30.1 | 56 | 21.2 | 12.9 | E | 12.87 | 27.4 | E | 31.1 | 34.3 | 33.8 | 756.0 | 0.0 | 0.0 | 794 | 68.29 | 802 | 3.4 |
| 30/10/04 | 13:00 | 33.3 | 34.3 | 31.9 | 54 | 22.7 | 12.9 | ENE | 12.87 | 30.6 | NE | 33.3 | 37.9 | 37.6 | 755.3 | 0.0 | 0.0 | 746 | 64.16 | 787 | 3.0 |
| 30/10/04 | 14:00 | 34.1 | 35.9 | 33.2 | 36 | 16.9 | 12.9 | ENE | 12.87 | 33.8 | NE | 34.1 | 35.2 | 35.0 | 754.8 | 0.0 | 0.0 | 615 | 52.90 | 776 | 2.0 |
| 30/10/04 | 15:00 | 35.9 | 36.4 | 35.5 | 36 | 18.5 | 14.5 | NNE | 14.48 | 25.7 | NNE | 35.9 | 37.9 | 38.0 | 753.7 | 0.0 | 0.0 | 537 | 46.19 | 665 | 1.5 |
| 30/10/04 | 16:00 | 35.1 | 35.6 | 33.5 | 47 | 22.1 | 11.3 | ENE | 11.27 | 24.1 | NE | 35.1 | 39.4 | 39.4 | 753.5 | 0.0 | 0.0 | 313 | 26.92 | 445 | 0.7 |
| 30/10/04 | 17:00 | 31.9 | 33.5 | 30.7 | 63 | 24.0 | 1.6 | ENE | 1.61 | 11.3 | E | 31.9 | 37.7 | 37.7 | 753.9 | 0.0 | 0.0 | 42 | 3.61 | 63 | 0.1 |
| 30/10/04 | 18:00 | 29.3 | 30.7 | 27.9 | 69 | 23.1 | 4.8 | ENE | 4.83 | 17.7 | WNW | 29.3 | 33.4 | 33.4 | 754.3 | 0.0 | 0.0 | 6 | 0.52 | 14 | 0.0 |
| 30/10/04 | 19:00 | 28.0 | 28.3 | 27.2 | 77 | 23.6 | 9.7 | N | 9.66 | 30.6 | N | 28.0 | 31.8 | 31.2 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 20:00 | 24.6 | 27.2 | 23.4 | 92 | 23.2 | 19.3 | ENE | 19.31 | 41.8 | NE | 24.6 | 26.7 | 24.4 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 21:00 | 23.4 | 23.9 | 22.8 | 92 | 22.1 | 6.4 | NE | 6.44 | 20.9 | E | 23.4 | 25.0 | 25.0 | 756.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 22:00 | 22.1 | 22.8 | 21.7 | 98 | 21.8 | 0.0 | NW | 0.00 | 8.0 | WNW | 22.1 | 23.9 | 23.9 | 755.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/10/04 | 23:00 | 22.2 | 22.5 | 21.7 | 99 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 22.2 | 24.1 | 24.1 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 00:00 | 21.5 | 22.3 | 20.8 | 98 | 21.2 | 4.8 | NE | 4.83 | 12.9 | ENE | 21.5 | 23.3 | 23.3 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 31/10/04

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 31/10/04 | 1:00 | 22.9 | 23.3 | 22.1 | 94 | 21.9 | 9.7 | ENE | 9.66 | 22.5 | ENE | 22.9 | 24.3 | 23.4 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 2:00 | 22.2 | 22.9 | 21.9 | 99 | 22.1 | 6.4 | NE | 6.44 | 12.9 | NE | 22.2 | 24.1 | 24.1 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 3:00 | 21.2 | 21.9 | 20.7 | 100 | 21.2 | 3.2 | NE | 3.22 | 9.7 | NE | 21.2 | 23.2 | 23.2 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 4:00 | 22.1 | 22.5 | 21.3 | 99 | 21.9 | 3.2 | ENE | 3.22 | 9.7 | NE | 22.1 | 23.9 | 23.9 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 5:00 | 21.8 | 22.1 | 21.7 | 100 | 21.8 | 1.6 | NE | 1.61 | 8.0 | NE | 21.8 | 23.8 | 23.8 | 755.1 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 31/10/04 | 6:00 | 22.2 | 22.6 | 21.7 | 96 | 21.5 | 0.0 | ENE | 0.00 | 8.0 | ENE | 22.2 | 23.8 | 23.8 | 755.3 | 0.0 | 0.0 | 30 | 2.58 | 55 | 0.0 |
| 31/10/04 | 7:00 | 23.4 | 24.1 | 22.6 | 94 | 22.4 | 1.6 | ENE | 1.61 | 8.0 | E | 23.4 | 25.1 | 25.1 | 755.6 | 0.0 | 0.0 | 86 | 7.40 | 139 | 0.2 |
| 31/10/04 | 8:00 | 24.9 | 25.6 | 24.1 | 86 | 22.4 | 1.6 | ENE | 1.61 | 8.0 | E | 24.9 | 26.9 | 26.9 | 756.1 | 0.0 | 0.0 | 129 | 11.10 | 227 | 0.4 |
| 31/10/04 | 9:00 | 25.7 | 25.8 | 25.1 | 94 | 24.6 | 1.6 | ENE | 1.61 | 8.0 | ENE | 25.7 | 28.7 | 28.7 | 756.5 | 0.0 | 0.0 | 71 | 6.11 | 150 | 0.2 |
| 31/10/04 | 10:00 | 24.6 | 25.1 | 23.2 | 90 | 22.8 | 12.9 | SSW | 12.87 | 53.1 | SW | 24.6 | 26.6 | 25.2 | 757.4 | 0.0 | 0.0 | 22 | 1.89 | 33 | 0.0 |
| 31/10/04 | 11:00 | 21.3 | 23.2 | 20.8 | 100 | 21.3 | 25.7 | SW | 25.75 | 57.9 | SW | 21.1 | 23.3 | 19.7 | 758.5 | 0.0 | 0.0 | 6 | 0.52 | 11 | 0.0 |
| 31/10/04 | 12:00 | 20.8 | 21.1 | 20.5 | 100 | 20.8 | 22.5 | SSW | 22.53 | 45.1 | S | 20.6 | 22.6 | 19.3 | 758.5 | 0.0 | 0.0 | 13 | 1.12 | 18 | 0.0 |
| 31/10/04 | 13:00 | 20.7 | 20.8 | 20.6 | 100 | 20.7 | 14.5 | S | 14.48 | 30.6 | SSW | 20.7 | 22.3 | 20.1 | 757.7 | 0.0 | 0.0 | 14 | 1.20 | 18 | 0.0 |
| 31/10/04 | 14:00 | 20.8 | 21.0 | 20.7 | 100 | 20.8 | 6.4 | E | 6.44 | 17.7 | SSE | 20.8 | 22.5 | 22.4 | 756.2 | 0.2 | 0.0 | 29 | 2.49 | 35 | 0.2 |
| 31/10/04 | 15:00 | 21.1 | 21.3 | 20.8 | 100 | 21.1 | 8.0 | NNE | 8.05 | 17.7 | N | 21.1 | 23.0 | 22.4 | 756.0 | 0.0 | 0.0 | 72 | 6.19 | 109 | 0.4 |
| 31/10/04 | 16:00 | 21.3 | 21.4 | 21.3 | 99 | 21.2 | 8.0 | ENE | 8.05 | 19.3 | ENE | 21.3 | 23.2 | 22.6 | 756.3 | 0.0 | 0.0 | 70 | 6.02 | 99 | 0.3 |
| 31/10/04 | 17:00 | 21.7 | 21.8 | 21.3 | 98 | 21.3 | 4.8 | NE | 4.83 | 11.3 | NNE | 21.7 | 23.4 | 23.4 | 757.6 | 0.0 | 0.0 | 96 | 8.26 | 132 | 0.2 |
| 31/10/04 | 18:00 | 21.4 | 21.8 | 21.1 | 100 | 21.4 | 4.8 | NE | 4.83 | 16.1 | NE | 21.4 | 23.4 | 23.4 | 757.6 | 0.0 | 0.0 | 19 | 1.63 | 53 | 0.0 |
| 31/10/04 | 19:00 | 21.2 | 21.3 | 21.1 | 96 | 20.5 | 1.6 | ENE | 1.61 | 9.7 | NE | 21.2 | 22.8 | 22.8 | 757.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 20:00 | 21.1 | 21.3 | 21.0 | 99 | 20.9 | 1.6 | E | 1.61 | 8.0 | E | 21.1 | 22.9 | 22.9 | 757.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 21:00 | 20.7 | 21.0 | 20.2 | 100 | 20.7 | 0.0 | E | 0.00 | 3.2 | E | 20.7 | 22.4 | 22.4 | 758.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 22:00 | 20.1 | 20.2 | 19.9 | 100 | 20.1 | 0.0 | --- | 0.00 | 0.0 | --- | 20.1 | 21.1 | 21.1 | 758.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/10/04 | 23:00 | 20.4 | 20.6 | 20.1 | 100 | 20.4 | 1.6 | NE | 1.61 | 11.3 | NE | 20.4 | 21.8 | 21.8 | 758.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/11/04 | 00:00 | 20.1 | 20.3 | 19.9 | 100 | 20.1 | 0.0 | NE | 0.00 | 4.8 | NE | 20.1 | 21.1 | 21.1 | 757.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 1/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 1/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.120 | 23.5 | 51 | 0.03 | 1369 | 1 | 100.0 | 60 |
| 1/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.076 | 22.7 | 51 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.051 | 21.9 | 51 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.030 | 21.3 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.007 | 20.6 | 52 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 6:00 | 0.00 | 0.0 | 0.007 | 0.000 | 19.9 | 52 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 7:00 | 0.09 | 0.4 | 0.000 | 0.009 | 21.3 | 51 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 8:00 | 0.30 | 1.1 | 0.000 | 0.042 | 22.9 | 46 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 9:00 | 0.69 | 2.2 | 0.000 | 0.125 | 27.6 | 39 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 10:00 | 1.03 | 3.1 | 0.000 | 0.194 | 31.6 | 35 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 11:00 | 1.33 | 3.4 | 0.000 | 0.248 | 34.0 | 34 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 12:00 | 0.94 | 3.7 | 0.000 | 0.303 | 35.6 | 34 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 13:00 | 1.16 | 3.3 | 0.000 | 0.354 | 36.3 | 35 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 14:00 | 1.03 | 2.9 | 0.000 | 0.380 | 36.8 | 36 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 15:00 | 0.60 | 2.0 | 0.000 | 0.387 | 36.4 | 37 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 16:00 | 0.30 | 1.0 | 0.000 | 0.396 | 35.7 | 38 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 17:00 | 0.09 | 0.4 | 0.000 | 0.370 | 33.6 | 45 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.310 | 29.2 | 47 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.220 | 26.4 | 47 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.148 | 24.6 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.109 | 23.4 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.083 | 22.7 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.076 | 22.3 | 49 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.102 | 22.7 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 2/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 2/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.009 | 21.6 | 49 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 2:00 | 0.00 | 0.0 | 0.007 | 0.000 | 20.7 | 49 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 3:00 | 0.00 | 0.0 | 0.021 | 0.000 | 20.3 | 50 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 4:00 | 0.00 | 0.0 | 0.025 | 0.000 | 19.9 | 50 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.060 | 20.7 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.067 | 21.6 | 50 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 7:00 | 0.00 | 0.0 | 0.000 | 0.032 | 21.3 | 51 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 8:00 | 0.17 | 0.5 | 0.000 | 0.083 | 22.4 | 49 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 9:00 | 0.26 | 0.7 | 0.000 | 0.162 | 25.0 | 47 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 10:00 | 0.47 | 1.6 | 0.000 | 0.190 | 27.4 | 42 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 11:00 | 0.34 | 1.6 | 0.000 | 0.206 | 28.8 | 46 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 12:00 | 0.77 | 2.6 | 0.000 | 0.225 | 29.2 | 39 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 13:00 | 0.81 | 2.3 | 0.000 | 0.259 | 32.2 | 40 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 14:00 | 0.60 | 1.6 | 0.000 | 0.271 | 31.9 | 41 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 15:00 | 0.39 | 1.2 | 0.000 | 0.278 | 31.7 | 43 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 16:00 | 0.26 | 0.7 | 0.000 | 0.289 | 31.3 | 44 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 17:00 | 0.04 | 0.4 | 0.000 | 0.273 | 29.4 | 48 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.238 | 27.0 | 49 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.213 | 25.6 | 50 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.190 | 25.1 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.167 | 24.6 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.111 | 23.5 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.090 | 22.7 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.058 | 22.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 3/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.044 | 21.5 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.032 | 21.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.042 | 21.2 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.025 | 20.8 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.012 | 20.3 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.009 | 20.3 | 55 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 3/10/04 | 7:00 | 0.13 | 0.5 | 0.000 | 0.074 | 21.9 | 53 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 8:00 | 0.34 | 1.1 | 0.000 | 0.150 | 25.9 | 46 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 9:00 | 0.51 | 2.4 | 0.000 | 0.206 | 29.7 | 44 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 10:00 | 0.90 | 2.8 | 0.000 | 0.241 | 31.9 | 41 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 11:00 | 0.81 | 2.5 | 0.000 | 0.262 | 32.3 | 41 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 12:00 | 0.77 | 2.2 | 0.000 | 0.285 | 32.8 | 42 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 13:00 | 0.73 | 2.0 | 0.000 | 0.271 | 32.3 | 42 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 14:00 | 0.69 | 1.9 | 0.000 | 0.306 | 32.8 | 42 | 0.20 | 1331 | 1 | 97.3 | 60 |
| 3/10/04 | 15:00 | 0.51 | 1.4 | 0.000 | 0.308 | 32.4 | 40 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 16:00 | 0.34 | 1.2 | 0.000 | 0.361 | 34.5 | 40 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 17:00 | 0.09 | 0.5 | 0.000 | 0.333 | 33.1 | 46 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.218 | 28.1 | 49 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.162 | 25.5 | 51 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.111 | 24.5 | 51 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.025 | 22.1 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 22:00 | 0.00 | 0.0 | 0.030 | 0.000 | 20.2 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/10/04 | 23:00 | 0.00 | 0.0 | 0.002 | 0.000 | 19.8 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 00:00 | 0.00 | 0.0 | 0.097 | 0.000 | 18.7 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 4/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 4/10/04 | 1:00 | 0.00 | 0.0 | 0.132 | 0.000 | 17.2 | 52 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 4/10/04 | 2:00 | 0.00 | 0.0 | 0.162 | 0.000 | 16.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 3:00 | 0.00 | 0.0 | 0.178 | 0.000 | 15.7 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 4:00 | 0.00 | 0.0 | 0.160 | 0.000 | 15.6 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 5:00 | 0.00 | 0.0 | 0.211 | 0.000 | 15.1 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 6:00 | 0.00 | 0.0 | 0.227 | 0.000 | 14.7 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 7:00 | 0.17 | 0.6 | 0.069 | 0.000 | 18.3 | 53 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 8:00 | 0.43 | 1.4 | 0.000 | 0.146 | 24.9 | 44 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 9:00 | 0.81 | 2.4 | 0.000 | 0.234 | 30.4 | 41 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 10:00 | 1.03 | 3.5 | 0.000 | 0.301 | 33.4 | 37 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 11:00 | 1.63 | 4.1 | 0.000 | 0.350 | 36.0 | 36 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 12:00 | 1.76 | 4.2 | 0.000 | 0.398 | 37.1 | 36 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 13:00 | 1.63 | 4.0 | 0.000 | 0.440 | 37.5 | 36 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 14:00 | 1.24 | 3.4 | 0.000 | 0.454 | 37.7 | 37 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 15:00 | 0.77 | 2.3 | 0.000 | 0.458 | 37.6 | 37 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 16:00 | 0.39 | 1.3 | 0.000 | 0.451 | 37.2 | 36 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.419 | 35.3 | 40 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.289 | 30.6 | 44 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.148 | 25.4 | 46 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.086 | 22.7 | 47 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.053 | 21.4 | 47 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 22:00 | 0.00 | 0.0 | 0.030 | 0.000 | 20.1 | 47 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/10/04 | 23:00 | 0.00 | 0.0 | 0.044 | 0.000 | 19.1 | 47 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 00:00 | 0.00 | 0.0 | 0.097 | 0.000 | 18.4 | 47 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 5/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 5/10/04 | 1:00 | 0.00 | 0.0 | 0.109 | 0.000 | 17.6 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 2:00 | 0.00 | 0.0 | 0.102 | 0.000 | 17.6 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 3:00 | 0.00 | 0.0 | 0.139 | 0.000 | 17.1 | 48 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 5/10/04 | 4:00 | 0.00 | 0.0 | 0.171 | 0.000 | 16.4 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 5:00 | 0.00 | 0.0 | 0.201 | 0.000 | 15.5 | 50 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 6:00 | 0.00 | 0.0 | 0.199 | 0.000 | 15.4 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 7:00 | 0.17 | 0.6 | 0.025 | 0.000 | 18.9 | 50 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 8:00 | 0.43 | 1.4 | 0.000 | 0.141 | 24.8 | 43 | 0.25 | 1331 | 1 | 97.3 | 60 |
| 5/10/04 | 9:00 | 0.81 | 2.4 | 0.000 | 0.269 | 30.7 | 40 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 10:00 | 1.24 | 3.4 | 0.000 | 0.391 | 34.7 | 36 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 11:00 | 1.59 | 4.0 | 0.000 | 0.500 | 38.2 | 35 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 12:00 | 1.71 | 4.0 | 0.000 | 0.549 | 39.6 | 35 | 0.63 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 13:00 | 1.54 | 3.9 | 0.000 | 0.572 | 39.9 | 35 | 0.66 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 14:00 | 1.20 | 3.2 | 0.000 | 0.583 | 40.0 | 35 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 15:00 | 0.64 | 2.2 | 0.000 | 0.588 | 39.8 | 36 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 16:00 | 0.34 | 1.2 | 0.000 | 0.565 | 39.3 | 34 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.512 | 37.2 | 37 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.338 | 31.8 | 41 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.185 | 26.2 | 43 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.095 | 23.2 | 43 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.051 | 21.3 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.023 | 20.2 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/10/04 | 23:00 | 0.00 | 0.0 | 0.074 | 0.000 | 19.1 | 43 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 00:00 | 0.00 | 0.0 | 0.118 | 0.000 | 17.6 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 6/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 6/10/04 | 1:00 | 0.00 | 0.0 | 0.086 | 0.000 | 16.9 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 2:00 | 0.00 | 0.0 | 0.183 | 0.000 | 16.2 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 3:00 | 0.00 | 0.0 | 0.201 | 0.000 | 15.0 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 4:00 | 0.00 | 0.0 | 0.215 | 0.000 | 14.6 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 5:00 | 0.00 | 0.0 | 0.218 | 0.000 | 14.1 | 45 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 6:00 | 0.00 | 0.0 | 0.229 | 0.000 | 14.4 | 45 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 7:00 | 0.17 | 0.6 | 0.039 | 0.000 | 18.7 | 45 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 8:00 | 0.43 | 1.4 | 0.000 | 0.130 | 24.8 | 38 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 9:00 | 0.81 | 2.4 | 0.000 | 0.259 | 30.6 | 35 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 10:00 | 1.29 | 3.5 | 0.000 | 0.317 | 33.9 | 32 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 11:00 | 1.67 | 4.2 | 0.000 | 0.389 | 36.7 | 31 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 12:00 | 1.76 | 4.1 | 0.000 | 0.447 | 37.8 | 32 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 13:00 | 1.59 | 4.0 | 0.000 | 0.481 | 38.2 | 32 | 0.66 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 14:00 | 1.24 | 3.4 | 0.000 | 0.505 | 38.5 | 32 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 15:00 | 0.77 | 2.3 | 0.000 | 0.519 | 38.4 | 31 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 16:00 | 0.39 | 1.3 | 0.000 | 0.502 | 37.9 | 30 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.461 | 36.3 | 32 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.275 | 30.3 | 37 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.162 | 24.8 | 38 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.081 | 21.7 | 38 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 21:00 | 0.00 | 0.0 | 0.074 | 0.000 | 19.2 | 38 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 22:00 | 0.00 | 0.0 | 0.141 | 0.000 | 16.8 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/10/04 | 23:00 | 0.00 | 0.0 | 0.190 | 0.000 | 15.7 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 00:00 | 0.00 | 0.0 | 0.255 | 0.000 | 14.4 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 7/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 7/10/04 | 1:00 | 0.00 | 0.0 | 0.289 | 0.000 | 13.3 | 39 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 7/10/04 | 2:00 | 0.00 | 0.0 | 0.278 | 0.000 | 12.7 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 3:00 | 0.00 | 0.0 | 0.289 | 0.000 | 12.3 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 4:00 | 0.00 | 0.0 | 0.306 | 0.000 | 11.9 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 5:00 | 0.00 | 0.0 | 0.250 | 0.000 | 11.9 | 41 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 6:00 | 0.00 | 0.0 | 0.130 | 0.000 | 15.3 | 41 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 7:00 | 0.17 | 0.7 | 0.065 | 0.000 | 19.0 | 40 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 8:00 | 0.43 | 1.5 | 0.007 | 0.000 | 22.5 | 34 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 9:00 | 0.86 | 2.6 | 0.000 | 0.051 | 26.2 | 32 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 10:00 | 1.33 | 3.6 | 0.000 | 0.118 | 28.8 | 27 | 0.51 | 1331 | 1 | 97.3 | 60 |
| 7/10/04 | 11:00 | 1.71 | 4.2 | 0.000 | 0.197 | 32.5 | 26 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 12:00 | 1.80 | 4.3 | 0.000 | 0.264 | 34.2 | 27 | 0.63 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 13:00 | 1.63 | 4.1 | 0.000 | 0.331 | 35.2 | 28 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 14:00 | 1.24 | 3.4 | 0.000 | 0.377 | 36.1 | 29 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 15:00 | 0.77 | 2.3 | 0.000 | 0.398 | 36.2 | 30 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 16:00 | 0.39 | 1.3 | 0.000 | 0.405 | 36.0 | 30 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.363 | 34.3 | 33 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.238 | 29.2 | 38 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.134 | 24.3 | 39 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.039 | 21.5 | 39 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 21:00 | 0.00 | 0.0 | 0.023 | 0.000 | 19.2 | 39 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 22:00 | 0.00 | 0.0 | 0.155 | 0.000 | 16.5 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/10/04 | 23:00 | 0.00 | 0.0 | 0.259 | 0.000 | 14.2 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 00:00 | 0.00 | 0.0 | 0.294 | 0.000 | 12.8 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 8/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 8/10/04 | 1:00 | 0.00 | 0.0 | 0.204 | 0.000 | 13.7 | 39 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 2:00 | 0.00 | 0.0 | 0.225 | 0.000 | 13.8 | 39 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 3:00 | 0.00 | 0.0 | 0.299 | 0.000 | 12.4 | 41 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 4:00 | 0.00 | 0.0 | 0.201 | 0.000 | 13.8 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 5:00 | 0.00 | 0.0 | 0.245 | 0.000 | 13.3 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 6:00 | 0.00 | 0.3 | 0.153 | 0.000 | 14.3 | 41 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 7:00 | 0.17 | 0.7 | 0.081 | 0.000 | 18.7 | 40 | 0.18 | 1331 | 1 | 97.3 | 60 |
| 8/10/04 | 8:00 | 0.47 | 1.5 | 0.023 | 0.000 | 22.1 | 34 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 9:00 | 0.90 | 2.6 | 0.000 | 0.049 | 26.0 | 32 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 10:00 | 1.33 | 3.6 | 0.000 | 0.132 | 28.7 | 27 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 11:00 | 1.67 | 4.2 | 0.000 | 0.208 | 32.6 | 26 | 0.63 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 12:00 | 1.80 | 4.2 | 0.000 | 0.278 | 34.2 | 27 | 0.63 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 13:00 | 1.59 | 4.1 | 0.000 | 0.347 | 35.3 | 28 | 0.63 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 14:00 | 1.16 | 3.3 | 0.000 | 0.396 | 36.2 | 29 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 15:00 | 0.64 | 2.0 | 0.000 | 0.419 | 36.6 | 30 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 16:00 | 0.30 | 1.0 | 0.000 | 0.431 | 36.4 | 30 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 17:00 | 0.09 | 0.5 | 0.000 | 0.405 | 34.7 | 34 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.299 | 29.8 | 38 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.213 | 26.1 | 38 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.086 | 22.7 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 21:00 | 0.00 | 0.0 | 0.063 | 0.000 | 19.5 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 22:00 | 0.00 | 0.0 | 0.141 | 0.000 | 17.4 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/10/04 | 23:00 | 0.00 | 0.0 | 0.194 | 0.000 | 15.9 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 00:00 | 0.00 | 0.0 | 0.197 | 0.000 | 15.3 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 9/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 9/10/04 | 1:00 | 0.00 | 0.0 | 0.215 | 0.000 | 14.8 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 2:00 | 0.00 | 0.0 | 0.204 | 0.000 | 14.8 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 3:00 | 0.00 | 0.0 | 0.245 | 0.000 | 14.3 | 41 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 4:00 | 0.00 | 0.0 | 0.174 | 0.000 | 14.6 | 41 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 5:00 | 0.00 | 0.0 | 0.257 | 0.000 | 14.0 | 41 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 6:00 | 0.00 | 0.0 | 0.264 | 0.000 | 13.2 | 41 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 7:00 | 0.09 | 0.3 | 0.095 | 0.000 | 17.1 | 40 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 8:00 | 0.21 | 0.6 | 0.000 | 0.062 | 22.4 | 36 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 9:00 | 0.34 | 1.0 | 0.000 | 0.187 | 27.4 | 32 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 10:00 | 0.56 | 1.6 | 0.000 | 0.310 | 31.9 | 30 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 11:00 | 0.47 | 1.7 | 0.000 | 0.405 | 35.4 | 29 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 12:00 | 0.60 | 2.0 | 0.000 | 0.498 | 37.8 | 30 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 13:00 | 0.56 | 1.9 | 0.000 | 0.546 | 39.3 | 31 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 14:00 | 0.56 | 1.6 | 0.000 | 0.558 | 39.7 | 32 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 15:00 | 0.39 | 1.1 | 0.000 | 0.593 | 40.0 | 33 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 16:00 | 0.17 | 0.6 | 0.000 | 0.586 | 39.1 | 35 | 0.20 | 1331 | 1 | 97.3 | 60 |
| 9/10/04 | 17:00 | 0.04 | 0.3 | 0.000 | 0.535 | 36.5 | 39 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.442 | 32.7 | 40 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.387 | 30.5 | 41 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.313 | 29.0 | 41 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.220 | 27.0 | 41 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.174 | 25.3 | 42 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.238 | 25.6 | 42 | 0.03 | 1331 | 1 | 97.3 | 60 |
| 10/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.225 | 26.2 | 42 | 0.05 | 1368 | 1 | 100.0 | 60 |

Ivinhema 10/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 10/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.144 | 24.8 | 42 | 0.03 | 1369 | 1 | 100.0 | 60 |
| 10/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.120 | 23.4 | 42 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.100 | 22.4 | 43 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.144 | 22.9 | 43 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.174 | 23.9 | 43 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.185 | 24.6 | 43 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 7:00 | 0.04 | 0.3 | 0.000 | 0.227 | 25.9 | 42 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 8:00 | 0.17 | 0.6 | 0.000 | 0.306 | 29.1 | 38 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 9:00 | 0.17 | 0.6 | 0.000 | 0.438 | 32.7 | 39 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 10:00 | 0.13 | 0.5 | 0.000 | 0.343 | 30.8 | 40 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 11:00 | 0.26 | 1.0 | 0.000 | 0.211 | 28.4 | 39 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 12:00 | 0.69 | 3.1 | 0.000 | 0.280 | 30.1 | 36 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 13:00 | 0.34 | 3.4 | 0.000 | 0.347 | 33.2 | 40 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 14:00 | 0.09 | 0.5 | 0.000 | 0.278 | 29.7 | 44 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 15:00 | 0.00 | 0.3 | 0.000 | 0.162 | 26.4 | 48 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 16:00 | 0.00 | 0.0 | 0.000 | 0.095 | 23.9 | 51 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 17:00 | 0.00 | 0.0 | 0.000 | 0.039 | 22.1 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.019 | 21.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.005 | 20.7 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.012 | 20.6 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.000 | 20.4 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.002 | 20.3 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.005 | 20.2 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.009 | 20.2 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 11/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 11/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.009 | 20.3 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.005 | 20.3 | 57 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 3:00 | 0.00 | 0.0 | 0.005 | 0.000 | 20.0 | 57 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 4:00 | 0.00 | 0.0 | 0.002 | 0.000 | 19.9 | 57 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.002 | 20.0 | 58 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.012 | 20.0 | 58 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 7:00 | 0.17 | 0.7 | 0.000 | 0.056 | 21.6 | 56 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 8:00 | 0.47 | 1.6 | 0.000 | 0.127 | 25.2 | 48 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 9:00 | 0.86 | 2.7 | 0.000 | 0.211 | 29.2 | 45 | 0.36 | 1369 | 1 | 100.0 | 60 |
| 11/10/04 | 10:00 | 1.33 | 3.7 | 0.000 | 0.285 | 31.9 | 41 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 11:00 | 1.67 | 4.3 | 0.000 | 0.350 | 35.1 | 39 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 12:00 | 1.71 | 4.3 | 0.000 | 0.417 | 36.8 | 39 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 13:00 | 1.46 | 4.2 | 0.000 | 0.463 | 37.8 | 40 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 14:00 | 0.86 | 3.1 | 0.000 | 0.472 | 37.8 | 42 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 15:00 | 0.60 | 2.2 | 0.000 | 0.486 | 37.8 | 42 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 16:00 | 0.26 | 0.9 | 0.000 | 0.438 | 35.6 | 47 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 17:00 | 0.09 | 0.4 | 0.000 | 0.405 | 32.9 | 50 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.356 | 30.7 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.289 | 28.4 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.248 | 27.0 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.208 | 26.1 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.153 | 24.8 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.160 | 24.2 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.167 | 24.2 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 12/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 12/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.118 | 23.1 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.072 | 22.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.035 | 21.5 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.039 | 20.8 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.079 | 21.3 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.012 | 20.9 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 7:00 | 0.13 | 0.6 | 0.000 | 0.102 | 22.5 | 52 | 0.08 | 1331 | 1 | 97.3 | 60 |
| 12/10/04 | 8:00 | 0.43 | 1.4 | 0.000 | 0.245 | 27.3 | 46 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 9:00 | 0.86 | 2.6 | 0.000 | 0.347 | 32.2 | 43 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 10:00 | 1.29 | 3.5 | 0.000 | 0.403 | 34.6 | 39 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 11:00 | 1.50 | 4.5 | 0.000 | 0.454 | 36.9 | 38 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 12:00 | 1.67 | 4.5 | 0.000 | 0.539 | 38.7 | 39 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 13:00 | 1.50 | 4.0 | 0.000 | 0.602 | 40.1 | 39 | 0.69 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 14:00 | 1.16 | 3.5 | 0.000 | 0.620 | 40.4 | 39 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 15:00 | 0.64 | 2.1 | 0.000 | 0.620 | 40.3 | 40 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 16:00 | 0.30 | 1.1 | 0.000 | 0.602 | 38.8 | 42 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 17:00 | 0.04 | 0.5 | 0.000 | 0.553 | 36.8 | 46 | 0.13 | 1307 | 1 | 95.5 | 60 |
| 12/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.463 | 33.6 | 48 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.368 | 30.8 | 49 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.322 | 29.1 | 50 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.289 | 28.2 | 49 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.266 | 27.2 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 12/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.269 | 27.3 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.243 | 26.9 | 50 | 0.03 | 1369 | 1 | 100.0 | 60 |

Ivinhema 13/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 13/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.225 | 26.2 | 51 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.199 | 25.6 | 52 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.187 | 25.1 | 52 | 0.00 | 1330 | 1 | 97.2 | 60 |
| 13/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.194 | 25.2 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.192 | 25.1 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.197 | 25.1 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 7:00 | 0.04 | 0.3 | 0.000 | 0.220 | 25.7 | 53 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 8:00 | 0.09 | 0.5 | 0.000 | 0.229 | 25.6 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 9:00 | 0.21 | 0.8 | 0.000 | 0.271 | 26.8 | 52 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 10:00 | 0.30 | 1.2 | 0.000 | 0.315 | 28.7 | 51 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 11:00 | 0.39 | 1.8 | 0.000 | 0.315 | 28.9 | 49 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 12:00 | 0.04 | 0.6 | 0.000 | 0.148 | 27.2 | 56 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 13:00 | 0.00 | 0.0 | 0.000 | 0.088 | 23.3 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 14:00 | 0.13 | 0.7 | 0.000 | 0.090 | 22.9 | 58 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 15:00 | 0.09 | 0.5 | 0.000 | 0.083 | 22.8 | 59 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 16:00 | 0.00 | 0.3 | 0.000 | 0.074 | 22.2 | 60 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 17:00 | 0.00 | 0.0 | 0.000 | 0.069 | 22.0 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.058 | 21.7 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.044 | 21.3 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.035 | 21.0 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.028 | 20.9 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/10/04 | 22:00 | 0.00 | 0.0 | 0.002 | 0.000 | 20.1 | 62 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 13/10/04 | 23:00 | 0.00 | 0.0 | 0.016 | 0.000 | 19.6 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 00:00 | 0.00 | 0.0 | 0.030 | 0.000 | 19.3 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 14/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 14/10/04 | 1:00 | 0.00 | 0.0 | 0.009 | 0.000 | 19.7 | 63 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 14/10/04 | 2:00 | 0.00 | 0.0 | 0.019 | 0.000 | 19.6 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 3:00 | 0.00 | 0.0 | 0.014 | 0.000 | 19.5 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.007 | 19.8 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.025 | 20.3 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.012 | 20.2 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 7:00 | 0.13 | 0.5 | 0.000 | 0.042 | 21.1 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 8:00 | 0.13 | 0.4 | 0.000 | 0.083 | 23.0 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 9:00 | 0.17 | 0.5 | 0.000 | 0.132 | 24.6 | 57 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 10:00 | 0.26 | 0.8 | 0.000 | 0.174 | 26.9 | 54 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 11:00 | 0.26 | 1.0 | 0.000 | 0.187 | 27.9 | 53 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 12:00 | 0.30 | 0.9 | 0.000 | 0.225 | 29.6 | 53 | 0.15 | 1331 | 1 | 97.3 | 60 |
| 14/10/04 | 13:00 | 0.21 | 0.6 | 0.000 | 0.222 | 28.8 | 56 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 14:00 | 0.43 | 1.5 | 0.000 | 0.262 | 30.4 | 49 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 15:00 | 0.26 | 1.3 | 0.000 | 0.287 | 32.8 | 53 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 16:00 | 0.13 | 0.4 | 0.000 | 0.287 | 30.7 | 56 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 17:00 | 0.04 | 0.4 | 0.000 | 0.294 | 30.6 | 57 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.264 | 28.1 | 60 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.199 | 25.2 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.144 | 23.8 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.088 | 22.3 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.079 | 21.9 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.014 | 20.8 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.005 | 20.1 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 15/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 15/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.021 | 20.1 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.021 | 20.2 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.067 | 21.2 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.074 | 21.5 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.100 | 21.8 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.123 | 22.2 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 7:00 | 0.00 | 0.0 | 0.000 | 0.178 | 23.8 | 62 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 8:00 | 0.13 | 0.5 | 0.000 | 0.225 | 26.0 | 57 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 9:00 | 0.34 | 1.3 | 0.000 | 0.278 | 29.7 | 52 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 10:00 | 0.43 | 2.0 | 0.000 | 0.285 | 30.8 | 49 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 11:00 | 0.43 | 1.4 | 0.000 | 0.285 | 31.8 | 53 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 12:00 | 0.43 | 1.9 | 0.000 | 0.275 | 30.4 | 52 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 13:00 | 0.43 | 1.3 | 0.000 | 0.294 | 31.0 | 53 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 14:00 | 0.09 | 0.7 | 0.000 | 0.282 | 29.0 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 15:00 | 0.13 | 0.8 | 0.000 | 0.259 | 27.8 | 60 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 16:00 | 0.00 | 0.3 | 0.000 | 0.238 | 26.7 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 17:00 | 0.00 | 0.0 | 0.000 | 0.194 | 25.3 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.201 | 25.1 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.192 | 24.7 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.174 | 24.3 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.167 | 23.8 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.185 | 24.0 | 66 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 15/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.164 | 23.8 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.144 | 23.4 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 16/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 16/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.132 | 23.0 | 67 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 16/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.132 | 22.9 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.127 | 22.9 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.125 | 22.8 | 68 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 16/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.125 | 22.8 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.127 | 22.9 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 7:00 | 0.13 | 0.5 | 0.000 | 0.162 | 24.4 | 63 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 8:00 | 0.30 | 1.1 | 0.000 | 0.227 | 27.1 | 57 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 9:00 | 0.64 | 2.0 | 0.000 | 0.306 | 30.5 | 54 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 10:00 | 0.99 | 2.7 | 0.000 | 0.398 | 33.1 | 50 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 11:00 | 1.07 | 3.1 | 0.000 | 0.479 | 36.6 | 48 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 12:00 | 0.90 | 3.2 | 0.000 | 0.537 | 37.6 | 48 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 13:00 | 0.90 | 3.2 | 0.000 | 0.588 | 39.1 | 48 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 14:00 | 0.47 | 1.6 | 0.000 | 0.563 | 37.7 | 51 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 15:00 | 0.26 | 1.0 | 0.000 | 0.556 | 36.9 | 50 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 16:00 | 0.21 | 0.8 | 0.000 | 0.542 | 37.0 | 51 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 17:00 | 0.04 | 0.4 | 0.000 | 0.468 | 34.7 | 56 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.405 | 32.0 | 58 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.299 | 28.9 | 60 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.259 | 27.2 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.227 | 26.2 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.220 | 25.8 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.234 | 25.9 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.225 | 25.8 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 17/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 17/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.227 | 25.8 | 61 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 17/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.218 | 25.2 | 63 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.116 | 23.8 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.104 | 23.0 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.116 | 23.0 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.104 | 22.9 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 7:00 | 0.00 | 0.0 | 0.000 | 0.058 | 21.8 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 8:00 | 0.00 | 0.0 | 0.000 | 0.065 | 21.7 | 66 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 9:00 | 0.00 | 0.0 | 0.000 | 0.067 | 21.7 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 10:00 | 0.26 | 1.2 | 0.000 | 0.081 | 22.4 | 62 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 11:00 | 0.43 | 1.3 | 0.000 | 0.113 | 24.3 | 59 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 12:00 | 0.43 | 1.3 | 0.000 | 0.113 | 25.0 | 59 | 0.10 | 1330 | 1 | 97.2 | 60 |
| 17/10/04 | 13:00 | 0.51 | 1.7 | 0.000 | 0.127 | 25.2 | 57 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 14:00 | 0.43 | 1.4 | 0.000 | 0.137 | 25.8 | 58 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 15:00 | 0.30 | 1.2 | 0.000 | 0.139 | 25.6 | 59 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 16:00 | 0.13 | 0.6 | 0.000 | 0.134 | 24.7 | 63 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 17:00 | 0.00 | 0.0 | 0.000 | 0.118 | 23.7 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.111 | 23.2 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.097 | 22.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.093 | 22.2 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.097 | 22.1 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.095 | 21.9 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.095 | 21.8 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.083 | 21.6 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 18/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 18/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.074 | 21.4 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.049 | 20.9 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.051 | 20.5 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.053 | 20.7 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.049 | 20.4 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.067 | 20.8 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 7:00 | 0.04 | 0.3 | 0.000 | 0.095 | 22.1 | 69 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 8:00 | 0.04 | 0.4 | 0.000 | 0.097 | 22.4 | 70 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 9:00 | 0.26 | 1.3 | 0.000 | 0.118 | 22.9 | 66 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 10:00 | 0.64 | 2.4 | 0.000 | 0.164 | 26.5 | 56 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 11:00 | 0.77 | 2.6 | 0.000 | 0.220 | 29.2 | 56 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 12:00 | 0.73 | 2.3 | 0.000 | 0.262 | 30.4 | 56 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 13:00 | 0.13 | 1.0 | 0.000 | 0.229 | 28.3 | 65 | 0.05 | 1331 | 1 | 97.3 | 60 |
| 18/10/04 | 14:00 | 0.00 | 0.0 | 0.000 | 0.197 | 25.6 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 15:00 | 0.13 | 0.4 | 0.000 | 0.116 | 23.7 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 16:00 | 0.04 | 0.4 | 0.000 | 0.130 | 23.6 | 70 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 17:00 | 0.00 | 0.0 | 0.000 | 0.127 | 23.1 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.127 | 22.9 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.113 | 22.7 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.111 | 22.3 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.102 | 22.0 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.093 | 21.7 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.062 | 21.1 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.062 | 21.2 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 19/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 19/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.056 | 21.2 | 76 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 19/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.058 | 21.2 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.016 | 20.3 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.023 | 19.9 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.025 | 20.2 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.035 | 20.3 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 7:00 | 0.09 | 0.4 | 0.000 | 0.062 | 21.3 | 72 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 8:00 | 0.17 | 0.6 | 0.000 | 0.088 | 23.2 | 67 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 9:00 | 0.47 | 1.8 | 0.000 | 0.113 | 25.8 | 58 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 10:00 | 0.86 | 2.7 | 0.000 | 0.153 | 28.3 | 48 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 11:00 | 1.16 | 3.1 | 0.000 | 0.220 | 31.9 | 43 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 12:00 | 1.29 | 3.2 | 0.000 | 0.287 | 33.6 | 43 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 13:00 | 1.16 | 3.1 | 0.000 | 0.352 | 34.9 | 42 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 14:00 | 0.86 | 2.5 | 0.000 | 0.377 | 35.4 | 42 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 15:00 | 0.56 | 1.7 | 0.000 | 0.394 | 35.8 | 39 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 16:00 | 0.30 | 1.0 | 0.000 | 0.380 | 35.2 | 40 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 17:00 | 0.09 | 0.4 | 0.000 | 0.336 | 33.1 | 41 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.190 | 28.2 | 47 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.079 | 23.6 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.012 | 20.9 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 21:00 | 0.00 | 0.0 | 0.039 | 0.000 | 19.2 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 22:00 | 0.00 | 0.0 | 0.088 | 0.000 | 18.0 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/10/04 | 23:00 | 0.00 | 0.0 | 0.111 | 0.000 | 17.4 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 00:00 | 0.00 | 0.0 | 0.118 | 0.000 | 17.2 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 20/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 20/10/04 | 1:00 | 0.00 | 0.0 | 0.123 | 0.000 | 17.0 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 2:00 | 0.00 | 0.0 | 0.125 | 0.000 | 16.8 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 3:00 | 0.00 | 0.0 | 0.139 | 0.000 | 16.4 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 4:00 | 0.00 | 0.0 | 0.104 | 0.000 | 16.8 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 5:00 | 0.00 | 0.0 | 0.060 | 0.000 | 17.4 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 6:00 | 0.00 | 0.0 | 0.069 | 0.000 | 17.8 | 57 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 7:00 | 0.17 | 0.6 | 0.000 | 0.062 | 21.8 | 54 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 8:00 | 0.39 | 1.3 | 0.000 | 0.125 | 25.5 | 50 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 9:00 | 0.73 | 2.1 | 0.000 | 0.187 | 28.3 | 48 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 10:00 | 1.07 | 3.0 | 0.000 | 0.236 | 30.7 | 41 | 0.46 | 1369 | 1 | 100.0 | 60 |
| 20/10/04 | 11:00 | 1.33 | 3.4 | 0.000 | 0.294 | 34.1 | 38 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 12:00 | 1.41 | 3.5 | 0.000 | 0.338 | 35.2 | 39 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 13:00 | 1.11 | 3.2 | 0.000 | 0.373 | 35.9 | 41 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 14:00 | 0.73 | 2.4 | 0.000 | 0.391 | 36.2 | 42 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 15:00 | 0.47 | 1.5 | 0.000 | 0.394 | 35.4 | 43 | 0.23 | 1332 | 1 | 97.4 | 60 |
| 20/10/04 | 16:00 | 0.21 | 0.8 | 0.000 | 0.387 | 34.3 | 46 | 0.15 | 1366 | 1 | 99.9 | 60 |
| 20/10/04 | 17:00 | 0.09 | 0.4 | 0.000 | 0.373 | 32.2 | 51 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.280 | 28.8 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.157 | 24.9 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.153 | 23.1 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.104 | 22.3 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 22:00 | 0.00 | 0.0 | 0.025 | 0.000 | 20.2 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/10/04 | 23:00 | 0.00 | 0.0 | 0.065 | 0.000 | 19.0 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 00:00 | 0.00 | 0.0 | 0.023 | 0.000 | 18.6 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 21/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 21/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.074 | 20.5 | 56 | 0.05 | 1331 | 1 | 97.3 | 60 |
| 21/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.058 | 21.7 | 55 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.021 | 20.9 | 56 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 4:00 | 0.00 | 0.0 | 0.005 | 0.000 | 20.2 | 56 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 5:00 | 0.00 | 0.0 | 0.039 | 0.000 | 19.4 | 56 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 6:00 | 0.00 | 0.0 | 0.044 | 0.000 | 19.0 | 56 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 7:00 | 0.17 | 0.7 | 0.000 | 0.009 | 21.7 | 55 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 8:00 | 0.43 | 1.4 | 0.000 | 0.079 | 24.8 | 51 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 9:00 | 0.77 | 2.2 | 0.000 | 0.139 | 27.2 | 48 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 10:00 | 0.94 | 3.0 | 0.000 | 0.199 | 29.3 | 41 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 11:00 | 1.41 | 3.5 | 0.000 | 0.266 | 33.2 | 37 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 12:00 | 1.50 | 3.5 | 0.000 | 0.319 | 34.4 | 38 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 13:00 | 1.11 | 3.4 | 0.000 | 0.373 | 35.6 | 40 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 14:00 | 1.03 | 2.8 | 0.000 | 0.405 | 36.2 | 41 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 15:00 | 0.64 | 1.9 | 0.000 | 0.438 | 36.8 | 41 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 16:00 | 0.30 | 1.1 | 0.000 | 0.442 | 36.8 | 43 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 17:00 | 0.09 | 0.5 | 0.000 | 0.412 | 35.2 | 47 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.317 | 30.8 | 51 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.187 | 26.2 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.106 | 23.3 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.062 | 21.9 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.016 | 20.6 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.139 | 21.8 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.088 | 22.8 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 22/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 22/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.139 | 23.2 | 53 | 0.05 | 1369 | 1 | 100.0 | 60 |
| 22/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.113 | 23.2 | 54 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.079 | 22.7 | 54 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.039 | 21.6 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.028 | 21.1 | 55 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.030 | 21.2 | 54 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 7:00 | 0.17 | 0.6 | 0.000 | 0.081 | 23.5 | 52 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 8:00 | 0.39 | 1.2 | 0.000 | 0.155 | 26.5 | 48 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 9:00 | 0.64 | 2.0 | 0.000 | 0.218 | 29.4 | 44 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 10:00 | 0.99 | 2.7 | 0.000 | 0.269 | 31.8 | 39 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 11:00 | 1.20 | 3.2 | 0.000 | 0.315 | 34.4 | 37 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 12:00 | 1.24 | 3.4 | 0.000 | 0.366 | 35.6 | 37 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 13:00 | 1.16 | 3.0 | 0.000 | 0.407 | 36.4 | 39 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 14:00 | 0.86 | 2.4 | 0.000 | 0.438 | 37.1 | 39 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 15:00 | 0.60 | 1.7 | 0.000 | 0.472 | 37.7 | 40 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 16:00 | 0.21 | 1.0 | 0.000 | 0.481 | 37.5 | 42 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 17:00 | 0.04 | 0.4 | 0.000 | 0.456 | 35.7 | 47 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.384 | 32.2 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.319 | 29.2 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.280 | 27.7 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.213 | 26.7 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.194 | 25.7 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.220 | 25.9 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.213 | 25.8 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 23/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 23/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.213 | 25.8 | 53 | 0.03 | 1308 | 1 | 95.6 | 60 |
| 23/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.162 | 24.8 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.211 | 25.2 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.183 | 25.1 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.164 | 24.4 | 55 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.167 | 24.5 | 55 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 7:00 | 0.17 | 0.6 | 0.000 | 0.220 | 26.2 | 54 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 8:00 | 0.39 | 1.4 | 0.000 | 0.299 | 29.2 | 50 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 9:00 | 0.73 | 2.2 | 0.000 | 0.377 | 32.9 | 46 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 10:00 | 1.11 | 3.0 | 0.000 | 0.468 | 35.1 | 42 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 11:00 | 1.16 | 3.3 | 0.000 | 0.556 | 38.4 | 41 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 12:00 | 0.86 | 3.0 | 0.000 | 0.542 | 37.8 | 42 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 13:00 | 0.64 | 2.3 | 0.000 | 0.569 | 38.0 | 44 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 14:00 | 0.51 | 1.7 | 0.000 | 0.590 | 37.7 | 44 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 15:00 | 0.51 | 1.6 | 0.000 | 0.583 | 39.0 | 41 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 16:00 | 0.30 | 1.2 | 0.000 | 0.512 | 37.6 | 43 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 17:00 | 0.09 | 0.5 | 0.000 | 0.479 | 36.1 | 47 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.382 | 32.0 | 51 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.313 | 29.5 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.269 | 28.1 | 52 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.238 | 27.0 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.231 | 26.6 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.238 | 26.4 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.215 | 26.4 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 24/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 24/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.120 | 24.3 | 58 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.109 | 23.5 | 58 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.104 | 23.2 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.109 | 23.1 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.132 | 23.1 | 60 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.120 | 22.8 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 7:00 | 0.04 | 0.4 | 0.000 | 0.134 | 23.3 | 60 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 8:00 | 0.30 | 1.2 | 0.000 | 0.178 | 25.7 | 54 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 9:00 | 0.51 | 1.7 | 0.000 | 0.248 | 29.2 | 50 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 10:00 | 0.86 | 2.8 | 0.000 | 0.313 | 31.9 | 46 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 11:00 | 1.20 | 3.8 | 0.000 | 0.347 | 34.3 | 43 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 12:00 | 1.03 | 3.3 | 0.000 | 0.343 | 34.9 | 45 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 13:00 | 0.90 | 2.7 | 0.000 | 0.373 | 34.8 | 44 | 0.33 | 1308 | 1 | 95.6 | 60 |
| 24/10/04 | 14:00 | 0.86 | 2.9 | 0.000 | 0.403 | 35.6 | 44 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 15:00 | 0.60 | 1.9 | 0.000 | 0.417 | 36.2 | 44 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 16:00 | 0.34 | 1.3 | 0.000 | 0.414 | 36.3 | 46 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.382 | 34.2 | 51 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.275 | 29.9 | 55 | 0.03 | 1331 | 1 | 97.3 | 60 |
| 24/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.192 | 26.6 | 56 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.169 | 25.4 | 57 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.162 | 24.8 | 57 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.171 | 24.9 | 57 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.153 | 24.6 | 57 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.178 | 25.0 | 58 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 25/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 25/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.164 | 24.7 | 59 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.164 | 24.6 | 59 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.160 | 24.3 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.100 | 23.7 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.028 | 21.6 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 6:00 | 0.00 | 0.3 | 0.000 | 0.014 | 21.1 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 7:00 | 0.09 | 0.3 | 0.000 | 0.053 | 22.2 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 8:00 | 0.13 | 0.6 | 0.000 | 0.039 | 22.4 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 9:00 | 0.30 | 1.1 | 0.000 | 0.016 | 22.3 | 58 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 10:00 | 0.39 | 1.4 | 0.000 | 0.039 | 23.1 | 55 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 11:00 | 0.73 | 2.7 | 0.000 | 0.095 | 25.6 | 48 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 12:00 | 0.86 | 3.3 | 0.000 | 0.176 | 29.2 | 47 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 13:00 | 1.16 | 4.0 | 0.000 | 0.245 | 31.8 | 40 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 14:00 | 1.11 | 3.7 | 0.000 | 0.306 | 34.2 | 40 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 15:00 | 0.77 | 2.4 | 0.000 | 0.345 | 35.2 | 40 | 0.43 | 1338 | 1 | 97.8 | 60 |
| 25/10/04 | 16:00 | 0.34 | 1.3 | 0.000 | 0.340 | 34.4 | 40 | 0.30 | 1360 | 1 | 99.4 | 60 |
| 25/10/04 | 17:00 | 0.13 | 0.6 | 0.000 | 0.313 | 33.0 | 43 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.190 | 28.3 | 48 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.083 | 23.3 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.002 | 20.7 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 21:00 | 0.00 | 0.0 | 0.044 | 0.000 | 19.2 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 22:00 | 0.00 | 0.0 | 0.090 | 0.000 | 18.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/10/04 | 23:00 | 0.00 | 0.0 | 0.116 | 0.000 | 17.3 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 00:00 | 0.00 | 0.0 | 0.125 | 0.000 | 16.6 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 26/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 26/10/04 | 1:00 | 0.00 | 0.0 | 0.157 | 0.000 | 16.0 | 54 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 26/10/04 | 2:00 | 0.00 | 0.0 | 0.176 | 0.000 | 15.5 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 3:00 | 0.00 | 0.0 | 0.201 | 0.000 | 14.9 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 4:00 | 0.00 | 0.0 | 0.225 | 0.000 | 14.6 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 5:00 | 0.00 | 0.0 | 0.236 | 0.000 | 13.9 | 57 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 26/10/04 | 6:00 | 0.04 | 0.3 | 0.197 | 0.000 | 14.7 | 57 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 7:00 | 0.21 | 0.8 | 0.051 | 0.000 | 19.6 | 56 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 8:00 | 0.51 | 1.6 | 0.000 | 0.072 | 24.4 | 53 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 9:00 | 0.90 | 2.7 | 0.000 | 0.169 | 27.6 | 52 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 10:00 | 1.37 | 3.6 | 0.000 | 0.231 | 29.5 | 46 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 11:00 | 1.67 | 4.0 | 0.000 | 0.292 | 33.4 | 38 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 12:00 | 1.76 | 4.1 | 0.000 | 0.319 | 34.0 | 38 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 13:00 | 1.59 | 4.0 | 0.000 | 0.366 | 35.3 | 40 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 14:00 | 1.20 | 3.3 | 0.000 | 0.387 | 35.8 | 41 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 15:00 | 0.73 | 2.2 | 0.000 | 0.405 | 36.2 | 41 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 16:00 | 0.39 | 1.3 | 0.000 | 0.412 | 36.1 | 42 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.394 | 34.9 | 46 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.313 | 30.8 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.178 | 25.9 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.109 | 22.9 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.032 | 21.3 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.005 | 20.4 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/10/04 | 23:00 | 0.00 | 0.0 | 0.030 | 0.000 | 19.8 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 00:00 | 0.00 | 0.0 | 0.030 | 0.000 | 19.8 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 27/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 27/10/04 | 1:00 | 0.00 | 0.0 | 0.044 | 0.000 | 19.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 2:00 | 0.00 | 0.0 | 0.076 | 0.000 | 18.4 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 3:00 | 0.00 | 0.0 | 0.097 | 0.000 | 17.9 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 4:00 | 0.00 | 0.0 | 0.120 | 0.000 | 17.2 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 5:00 | 0.00 | 0.0 | 0.125 | 0.000 | 16.8 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 6:00 | 0.04 | 0.3 | 0.104 | 0.000 | 17.4 | 57 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 7:00 | 0.21 | 0.8 | 0.000 | 0.042 | 21.6 | 57 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 8:00 | 0.51 | 1.6 | 0.000 | 0.162 | 25.8 | 53 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 9:00 | 0.90 | 2.6 | 0.000 | 0.292 | 29.3 | 49 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 10:00 | 1.29 | 3.4 | 0.000 | 0.340 | 31.4 | 42 | 0.58 | 1332 | 1 | 97.4 | 60 |
| 27/10/04 | 11:00 | 1.59 | 3.9 | 0.000 | 0.400 | 34.8 | 33 | 0.69 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 12:00 | 1.67 | 4.0 | 0.000 | 0.421 | 35.8 | 31 | 0.74 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 13:00 | 1.54 | 3.8 | 0.000 | 0.444 | 36.7 | 30 | 0.71 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 14:00 | 1.16 | 3.2 | 0.000 | 0.454 | 37.0 | 30 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 15:00 | 0.73 | 2.2 | 0.000 | 0.449 | 37.0 | 30 | 0.48 | 1331 | 1 | 97.3 | 60 |
| 27/10/04 | 16:00 | 0.34 | 1.2 | 0.000 | 0.449 | 36.7 | 28 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.396 | 34.9 | 30 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.225 | 29.7 | 34 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.072 | 24.1 | 37 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 20:00 | 0.00 | 0.0 | 0.002 | 0.000 | 21.3 | 37 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 21:00 | 0.00 | 0.0 | 0.044 | 0.000 | 19.3 | 38 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 22:00 | 0.00 | 0.0 | 0.060 | 0.000 | 18.2 | 38 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/10/04 | 23:00 | 0.00 | 0.0 | 0.102 | 0.000 | 17.1 | 39 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 00:00 | 0.00 | 0.0 | 0.137 | 0.000 | 16.4 | 40 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 28/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 28/10/04 | 1:00 | 0.00 | 0.0 | 0.199 | 0.000 | 15.3 | 40 | 0.00 | 1307 | 1 | 95.5 | 60 |
| 28/10/04 | 2:00 | 0.00 | 0.0 | 0.231 | 0.000 | 14.4 | 41 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 3:00 | 0.00 | 0.0 | 0.234 | 0.000 | 14.0 | 42 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 4:00 | 0.00 | 0.0 | 0.243 | 0.000 | 13.6 | 42 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 5:00 | 0.00 | 0.0 | 0.252 | 0.000 | 13.2 | 43 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 6:00 | 0.00 | 0.3 | 0.218 | 0.000 | 14.4 | 43 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 7:00 | 0.17 | 0.6 | 0.032 | 0.000 | 19.7 | 43 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 8:00 | 0.39 | 1.3 | 0.000 | 0.088 | 24.7 | 40 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 9:00 | 0.73 | 2.1 | 0.000 | 0.164 | 27.2 | 39 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 10:00 | 1.03 | 2.7 | 0.000 | 0.229 | 29.2 | 36 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 11:00 | 1.29 | 3.1 | 0.000 | 0.287 | 33.1 | 30 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 12:00 | 1.33 | 3.1 | 0.000 | 0.329 | 34.1 | 31 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 13:00 | 1.20 | 3.1 | 0.000 | 0.370 | 35.6 | 31 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 14:00 | 0.94 | 2.5 | 0.000 | 0.405 | 36.2 | 32 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 15:00 | 0.60 | 1.8 | 0.000 | 0.419 | 36.5 | 33 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 16:00 | 0.26 | 1.0 | 0.000 | 0.426 | 36.3 | 34 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.410 | 34.9 | 39 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.331 | 31.1 | 42 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.215 | 26.4 | 43 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.137 | 23.8 | 43 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.032 | 21.5 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.007 | 20.3 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/10/04 | 23:00 | 0.00 | 0.0 | 0.007 | 0.000 | 19.9 | 45 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 00:00 | 0.00 | 0.0 | 0.049 | 0.000 | 19.4 | 45 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 29/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 29/10/04 | 1:00 | 0.00 | 0.0 | 0.079 | 0.000 | 18.6 | 46 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 29/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.037 | 19.0 | 47 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.058 | 20.8 | 47 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 4:00 | 0.00 | 0.0 | 0.002 | 0.000 | 20.6 | 47 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 5:00 | 0.00 | 0.0 | 0.051 | 0.000 | 19.4 | 48 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 6:00 | 0.00 | 0.3 | 0.063 | 0.000 | 19.3 | 48 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 7:00 | 0.21 | 0.7 | 0.000 | 0.000 | 21.9 | 47 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 8:00 | 0.47 | 1.4 | 0.000 | 0.053 | 24.3 | 44 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 9:00 | 0.81 | 2.3 | 0.000 | 0.116 | 26.1 | 43 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 10:00 | 1.16 | 3.1 | 0.000 | 0.181 | 27.8 | 39 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 11:00 | 1.41 | 3.5 | 0.000 | 0.245 | 31.8 | 32 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 12:00 | 1.50 | 3.5 | 0.000 | 0.287 | 32.9 | 33 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 13:00 | 1.37 | 3.4 | 0.000 | 0.331 | 34.6 | 33 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 14:00 | 1.03 | 2.8 | 0.000 | 0.368 | 35.4 | 34 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 15:00 | 0.56 | 2.0 | 0.000 | 0.398 | 35.9 | 35 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 16:00 | 0.34 | 1.2 | 0.000 | 0.431 | 36.1 | 36 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 17:00 | 0.13 | 0.5 | 0.000 | 0.414 | 34.9 | 40 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.343 | 31.1 | 43 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.218 | 25.7 | 45 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.174 | 23.6 | 45 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.074 | 22.5 | 44 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 22:00 | 0.00 | 0.0 | 0.007 | 0.000 | 20.2 | 46 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/10/04 | 23:00 | 0.00 | 0.0 | 0.060 | 0.000 | 19.2 | 47 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 00:00 | 0.00 | 0.0 | 0.081 | 0.000 | 18.3 | 47 | 0.00 | 1331 | 1 | 97.3 | 60 |

Ivinhema 30/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 30/10/04 | 1:00 | 0.00 | 0.0 | 0.116 | 0.000 | 17.6 | 48 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 2:00 | 0.00 | 0.0 | 0.139 | 0.000 | 16.8 | 49 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 3:00 | 0.00 | 0.0 | 0.146 | 0.000 | 16.4 | 49 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 4:00 | 0.00 | 0.0 | 0.153 | 0.000 | 16.2 | 50 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 5:00 | 0.00 | 0.0 | 0.169 | 0.000 | 15.8 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 6:00 | 0.00 | 0.3 | 0.141 | 0.000 | 16.8 | 51 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 7:00 | 0.17 | 0.6 | 0.000 | 0.021 | 21.6 | 51 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 8:00 | 0.43 | 1.3 | 0.000 | 0.194 | 27.0 | 48 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 9:00 | 0.73 | 2.2 | 0.000 | 0.313 | 30.2 | 48 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 10:00 | 1.07 | 2.9 | 0.000 | 0.387 | 32.5 | 44 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 11:00 | 1.33 | 3.4 | 0.000 | 0.465 | 36.2 | 38 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 12:00 | 1.46 | 3.4 | 0.000 | 0.530 | 37.6 | 38 | 0.63 | 1332 | 1 | 97.4 | 60 |
| 30/10/04 | 13:00 | 1.29 | 3.3 | 0.000 | 0.623 | 39.6 | 39 | 0.63 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 14:00 | 0.86 | 2.6 | 0.000 | 0.655 | 40.5 | 41 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 15:00 | 0.64 | 2.0 | 0.000 | 0.731 | 41.6 | 41 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 16:00 | 0.30 | 1.1 | 0.000 | 0.699 | 41.6 | 43 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 17:00 | 0.04 | 0.3 | 0.000 | 0.565 | 37.1 | 47 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.458 | 33.4 | 49 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.403 | 31.4 | 49 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.259 | 29.3 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.213 | 26.8 | 50 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.157 | 25.3 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.160 | 24.3 | 51 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.132 | 23.6 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 31/10/04

| Date | Time | UV Dose | Hi UV | Heat D-D | Cool D-D | In Temp | In Hum | ET | Wind Samp | Wind Tx | ISS Receipt | Arc. Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 31/10/04 | 1:00 | 0.00 | 0.0 | 0.000 | 0.190 | 24.3 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 2:00 | 0.00 | 0.0 | 0.000 | 0.162 | 24.4 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 3:00 | 0.00 | 0.0 | 0.000 | 0.120 | 23.6 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 4:00 | 0.00 | 0.0 | 0.000 | 0.155 | 23.7 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 5:00 | 0.00 | 0.0 | 0.000 | 0.146 | 24.1 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 6:00 | 0.00 | 0.0 | 0.000 | 0.160 | 24.1 | 52 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 7:00 | 0.09 | 0.4 | 0.000 | 0.213 | 25.4 | 51 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 8:00 | 0.17 | 0.5 | 0.000 | 0.275 | 27.4 | 49 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 9:00 | 0.09 | 0.5 | 0.000 | 0.306 | 28.6 | 51 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 10:00 | 0.00 | 0.0 | 0.000 | 0.259 | 27.4 | 55 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 11:00 | 0.00 | 0.0 | 0.000 | 0.123 | 24.9 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 12:00 | 0.00 | 0.0 | 0.000 | 0.104 | 23.3 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 13:00 | 0.00 | 0.0 | 0.000 | 0.097 | 22.8 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 14:00 | 0.09 | 0.3 | 0.000 | 0.102 | 22.7 | 61 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 15:00 | 0.17 | 0.5 | 0.000 | 0.113 | 23.0 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 16:00 | 0.13 | 0.4 | 0.000 | 0.125 | 23.8 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 17:00 | 0.09 | 0.4 | 0.000 | 0.139 | 24.5 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 18:00 | 0.00 | 0.0 | 0.000 | 0.130 | 23.9 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 19:00 | 0.00 | 0.0 | 0.000 | 0.118 | 23.1 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 20:00 | 0.00 | 0.0 | 0.000 | 0.113 | 22.6 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 21:00 | 0.00 | 0.0 | 0.000 | 0.100 | 22.3 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 22:00 | 0.00 | 0.0 | 0.000 | 0.072 | 21.8 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/10/04 | 23:00 | 0.00 | 0.0 | 0.000 | 0.086 | 21.9 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/11/04 | 00:00 | 0.00 | 0.0 | 0.000 | 0.072 | 21.8 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |