

Ivinhema 1/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 1/12/09 | 1:00 | 22.8 | 23.3 | 22.5 | 97 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.5 | 24.5 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 2:00 | 22.5 | 22.6 | 22.3 | 98 | 22.2 | 0.0 | W | 0.00 | 6.4 | W | 22.5 | 24.3 | 24.3 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 3:00 | 22.2 | 22.3 | 22.1 | 98 | 21.9 | 0.0 | WSW | 0.00 | 6.4 | WSW | 22.2 | 24.0 | 24.0 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 4:00 | 22.2 | 22.3 | 22.1 | 98 | 21.9 | 0.0 | WSW | 0.00 | 9.7 | WSW | 22.2 | 24.0 | 24.0 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 5:00 | 22.2 | 22.3 | 22.1 | 98 | 21.8 | 0.0 | WSW | 0.00 | 9.7 | WSW | 22.2 | 23.9 | 23.9 | 752.4 | 0.0 | 0.0 | 3 | 0.26 | 18 | 0.0 |
| 1/12/09 | 6:00 | 22.7 | 23.3 | 22.2 | 98 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.7 | 24.4 | 24.4 | 752.8 | 0.0 | 0.0 | 57 | 4.90 | 84 | 0.0 |
| 1/12/09 | 7:00 | 23.9 | 24.8 | 23.3 | 96 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.8 | 25.8 | 753.0 | 0.0 | 0.0 | 130 | 11.18 | 238 | 0.5 |
| 1/12/09 | 8:00 | 25.9 | 27.4 | 24.8 | 79 | 22.0 | 0.0 | WSW | 0.00 | 1.6 | WSW | 25.9 | 27.8 | 27.8 | 753.1 | 0.0 | 0.0 | 288 | 24.77 | 616 | 1.3 |
| 1/12/09 | 9:00 | 28.2 | 29.2 | 27.4 | 72 | 22.6 | 0.0 | SSE | 0.00 | 9.7 | SSE | 28.2 | 31.6 | 31.6 | 753.0 | 0.0 | 0.0 | 439 | 37.76 | 670 | 2.7 |
| 1/12/09 | 10:00 | 29.4 | 29.7 | 29.2 | 70 | 23.4 | 3.2 | S | 3.22 | 12.9 | SSW | 29.4 | 33.9 | 33.9 | 752.6 | 0.0 | 0.0 | 753 | 64.77 | 910 | 4.2 |
| 1/12/09 | 11:00 | 30.4 | 31.0 | 29.7 | 68 | 23.8 | 1.6 | NW | 1.61 | 20.9 | NNW | 30.4 | 35.4 | 35.4 | 752.1 | 0.0 | 0.0 | 535 | 46.02 | 1010 | 4.2 |
| 1/12/09 | 12:00 | 30.9 | 31.4 | 30.6 | 69 | 24.5 | 3.2 | NE | 3.22 | 14.5 | NE | 30.9 | 36.6 | 36.6 | 751.3 | 0.0 | 0.0 | 431 | 37.07 | 1024 | 3.7 |
| 1/12/09 | 13:00 | 30.9 | 31.9 | 30.1 | 64 | 23.3 | 3.2 | N | 3.22 | 17.7 | WNW | 30.9 | 35.6 | 35.6 | 750.4 | 0.0 | 0.0 | 588 | 50.57 | 878 | 4.2 |
| 1/12/09 | 14:00 | 32.7 | 33.0 | 31.9 | 64 | 25.0 | 1.6 | NW | 1.61 | 17.7 | NW | 32.7 | 39.9 | 39.9 | 749.5 | 0.0 | 0.0 | 672 | 57.80 | 788 | 3.8 |
| 1/12/09 | 15:00 | 31.7 | 32.8 | 30.8 | 73 | 26.2 | 3.2 | S | 3.22 | 17.7 | S | 31.7 | 40.1 | 40.1 | 749.0 | 0.0 | 0.0 | 332 | 28.56 | 750 | 1.8 |
| 1/12/09 | 16:00 | 30.9 | 31.6 | 30.3 | 70 | 24.8 | 3.2 | SSW | 3.22 | 16.1 | SW | 30.9 | 36.9 | 36.9 | 748.8 | 0.0 | 0.0 | 271 | 23.31 | 501 | 1.2 |
| 1/12/09 | 17:00 | 29.2 | 31.0 | 28.2 | 83 | 26.0 | 0.0 | ENE | 0.00 | 1.6 | ENE | 29.2 | 35.9 | 35.9 | 748.8 | 0.0 | 0.0 | 58 | 4.99 | 153 | 0.2 |
| 1/12/09 | 18:00 | 27.7 | 28.2 | 27.3 | 88 | 25.5 | 0.0 | --- | 0.00 | 0.0 | --- | 27.7 | 32.7 | 32.7 | 749.8 | 0.0 | 0.0 | 14 | 1.20 | 40 | 0.0 |
| 1/12/09 | 19:00 | 26.7 | 27.3 | 25.9 | 87 | 24.4 | 6.4 | N | 6.44 | 25.7 | NNW | 26.7 | 30.2 | 30.2 | 750.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 20:00 | 25.9 | 26.1 | 25.5 | 91 | 24.3 | 3.2 | N | 3.22 | 20.9 | N | 25.9 | 28.9 | 28.9 | 751.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 21:00 | 24.9 | 25.5 | 24.4 | 91 | 23.3 | 4.8 | NE | 4.83 | 20.9 | NE | 24.9 | 27.0 | 27.0 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 22:00 | 24.4 | 24.4 | 24.2 | 91 | 22.8 | 0.0 | ENE | 0.00 | 9.7 | ENE | 24.4 | 26.4 | 26.4 | 751.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/12/09 | 23:00 | 24.3 | 24.6 | 24.1 | 94 | 23.2 | 1.6 | ENE | 1.61 | 11.3 | NE | 24.3 | 26.4 | 26.4 | 751.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 00:00 | 24.1 | 24.4 | 23.6 | 96 | 23.4 | 1.6 | E | 1.61 | 11.3 | E | 24.1 | 26.2 | 26.2 | 750.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 2/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 2/12/09 | 1:00 | 23.3 | 23.6 | 23.2 | 97 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.3 | 25.1 | 25.1 | 750.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 2:00 | 23.1 | 23.3 | 22.9 | 97 | 22.6 | 0.0 | ENE | 0.00 | 11.3 | ENE | 23.1 | 24.8 | 24.8 | 750.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 3:00 | 22.9 | 22.9 | 22.8 | 97 | 22.4 | 0.0 | ENE | 0.00 | 6.4 | ENE | 22.9 | 24.6 | 24.6 | 750.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 4:00 | 22.7 | 22.9 | 22.4 | 98 | 22.3 | 0.0 | ENE | 0.00 | 1.6 | ENE | 22.7 | 24.4 | 24.4 | 750.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 5:00 | 22.3 | 22.5 | 22.2 | 98 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.1 | 24.1 | 751.6 | 0.0 | 0.0 | 3 | 0.26 | 19 | 0.0 |
| 2/12/09 | 6:00 | 23.1 | 23.9 | 22.3 | 94 | 22.1 | 0.0 | E | 0.00 | 6.4 | E | 23.1 | 24.6 | 24.6 | 752.3 | 0.0 | 0.0 | 94 | 8.09 | 188 | 0.1 |
| 2/12/09 | 7:00 | 25.1 | 26.2 | 23.9 | 82 | 21.8 | 1.6 | NE | 1.61 | 11.3 | NE | 25.1 | 27.1 | 27.1 | 752.4 | 0.0 | 0.0 | 274 | 23.57 | 359 | 0.7 |
| 2/12/09 | 8:00 | 27.2 | 28.1 | 26.2 | 75 | 22.4 | 4.8 | NNE | 4.83 | 14.5 | NNE | 27.2 | 29.9 | 29.9 | 752.4 | 0.0 | 0.0 | 421 | 36.21 | 516 | 1.6 |
| 2/12/09 | 9:00 | 29.1 | 29.5 | 28.2 | 71 | 23.3 | 6.4 | NNE | 6.44 | 20.9 | NE | 29.1 | 33.3 | 33.3 | 752.4 | 0.0 | 0.0 | 572 | 49.20 | 621 | 2.9 |
| 2/12/09 | 10:00 | 30.4 | 31.1 | 29.5 | 66 | 23.4 | 4.8 | N | 4.83 | 16.1 | WNW | 30.4 | 35.1 | 35.1 | 752.1 | 0.0 | 0.0 | 695 | 59.78 | 765 | 4.5 |
| 2/12/09 | 11:00 | 31.7 | 32.1 | 31.1 | 66 | 24.5 | 4.8 | NNE | 4.83 | 16.1 | NNE | 31.7 | 37.9 | 37.9 | 751.6 | 0.0 | 0.0 | 769 | 66.14 | 802 | 5.6 |
| 2/12/09 | 12:00 | 32.3 | 32.8 | 31.8 | 61 | 23.8 | 8.0 | ENE | 8.05 | 17.7 | NE | 32.3 | 38.0 | 37.9 | 750.9 | 0.0 | 0.0 | 819 | 70.44 | 883 | 6.0 |
| 2/12/09 | 13:00 | 32.7 | 33.0 | 32.1 | 67 | 25.8 | 9.7 | NE | 9.66 | 25.7 | NE | 32.7 | 41.1 | 40.8 | 750.0 | 0.0 | 0.0 | 674 | 57.97 | 839 | 4.8 |
| 2/12/09 | 14:00 | 32.5 | 33.2 | 31.8 | 62 | 24.3 | 9.7 | NE | 9.66 | 22.5 | NNE | 32.5 | 38.7 | 38.5 | 748.9 | 0.0 | 0.0 | 437 | 37.59 | 813 | 3.0 |
| 2/12/09 | 15:00 | 32.9 | 33.5 | 32.5 | 61 | 24.4 | 9.7 | NE | 9.66 | 24.1 | N | 32.9 | 39.4 | 39.2 | 748.2 | 0.0 | 0.0 | 391 | 33.63 | 734 | 2.2 |
| 2/12/09 | 16:00 | 33.3 | 33.6 | 33.0 | 61 | 24.8 | 8.0 | N | 8.05 | 22.5 | N | 33.3 | 40.4 | 40.3 | 748.1 | 0.0 | 0.0 | 366 | 31.48 | 528 | 1.3 |
| 2/12/09 | 17:00 | 32.9 | 33.1 | 32.5 | 61 | 24.4 | 4.8 | NNE | 4.83 | 16.1 | N | 32.9 | 39.2 | 39.2 | 748.0 | 0.0 | 0.0 | 142 | 12.21 | 274 | 0.5 |
| 2/12/09 | 18:00 | 31.5 | 32.6 | 30.1 | 74 | 26.3 | 0.0 | NNE | 0.00 | 9.7 | NNE | 31.5 | 39.9 | 39.9 | 748.5 | 0.0 | 0.0 | 58 | 4.99 | 116 | 0.0 |
| 2/12/09 | 19:00 | 28.8 | 30.1 | 27.8 | 86 | 26.2 | 0.0 | --- | 0.00 | 0.0 | --- | 28.8 | 35.6 | 35.6 | 749.3 | 0.0 | 0.0 | 0 | 0.00 | 7 | 0.0 |
| 2/12/09 | 20:00 | 27.4 | 27.8 | 27.1 | 90 | 25.7 | 0.0 | --- | 0.00 | 0.0 | --- | 27.4 | 32.3 | 32.3 | 750.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 21:00 | 26.4 | 27.2 | 24.9 | 87 | 24.0 | 16.1 | SW | 16.09 | 45.1 | SW | 26.4 | 29.5 | 28.0 | 752.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 22:00 | 23.6 | 24.9 | 23.2 | 96 | 22.9 | 19.3 | SW | 19.31 | 40.2 | WSW | 23.6 | 25.4 | 23.0 | 752.6 | 8.4 | 90.0 | 0 | 0.00 | 0 | 0.0 |
| 2/12/09 | 23:00 | 23.4 | 23.7 | 23.3 | 97 | 22.9 | 9.7 | S | 9.66 | 24.1 | S | 23.4 | 25.3 | 24.4 | 753.3 | 10.2 | 56.4 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 00:00 | 23.0 | 23.3 | 22.8 | 98 | 22.7 | 8.0 | SSW | 8.05 | 25.7 | SSW | 23.0 | 24.8 | 24.3 | 753.3 | 6.8 | 27.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 3/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 3/12/09 | 1:00 | 23.2 | 23.4 | 22.9 | 97 | 22.7 | 3.2 | S | 3.22 | 14.5 | SSE | 23.2 | 24.9 | 24.9 | 752.0 | 1.4 | 2.6 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 2:00 | 23.1 | 23.4 | 22.9 | 97 | 22.6 | 4.8 | E | 4.83 | 16.1 | E | 23.1 | 24.8 | 24.8 | 750.7 | 0.4 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 3:00 | 22.8 | 23.1 | 22.6 | 98 | 22.4 | 1.6 | N | 1.61 | 11.3 | N | 22.8 | 24.6 | 24.6 | 749.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 4:00 | 22.9 | 22.9 | 22.8 | 98 | 22.6 | 6.4 | NE | 6.44 | 22.5 | NE | 22.9 | 24.7 | 24.7 | 750.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 5:00 | 22.7 | 22.9 | 22.6 | 98 | 22.3 | 1.6 | NNE | 1.61 | 16.1 | NNE | 22.7 | 24.4 | 24.4 | 750.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 6:00 | 22.8 | 23.1 | 22.6 | 98 | 22.5 | 1.6 | N | 1.61 | 12.9 | NNW | 22.8 | 24.7 | 24.7 | 751.8 | 0.0 | 0.0 | 45 | 3.87 | 74 | 0.0 |
| 3/12/09 | 7:00 | 23.2 | 23.4 | 23.1 | 95 | 22.3 | 3.2 | NNW | 3.22 | 14.5 | NNW | 23.2 | 24.8 | 24.8 | 752.7 | 0.0 | 0.0 | 110 | 9.46 | 178 | 0.4 |
| 3/12/09 | 8:00 | 24.3 | 25.0 | 23.4 | 88 | 22.2 | 4.8 | N | 4.83 | 16.1 | NNW | 24.3 | 26.2 | 26.2 | 752.7 | 0.0 | 0.0 | 260 | 22.36 | 313 | 1.1 |
| 3/12/09 | 9:00 | 25.8 | 26.7 | 25.0 | 82 | 22.5 | 4.8 | N | 4.83 | 17.7 | N | 25.8 | 27.9 | 27.9 | 752.8 | 0.0 | 0.0 | 368 | 31.65 | 561 | 2.0 |
| 3/12/09 | 10:00 | 27.2 | 27.7 | 26.6 | 82 | 23.9 | 8.0 | NNE | 8.05 | 17.7 | ENE | 27.2 | 30.7 | 30.4 | 752.8 | 0.2 | 0.0 | 501 | 43.09 | 732 | 3.2 |
| 3/12/09 | 11:00 | 27.9 | 28.2 | 27.7 | 76 | 23.3 | 6.4 | N | 6.44 | 16.1 | NNE | 27.9 | 31.6 | 31.6 | 753.0 | 0.0 | 0.0 | 444 | 38.19 | 686 | 3.3 |
| 3/12/09 | 12:00 | 28.8 | 29.2 | 28.2 | 72 | 23.3 | 8.0 | N | 8.05 | 24.1 | WNW | 28.8 | 33.1 | 32.8 | 752.6 | 0.0 | 0.0 | 535 | 46.02 | 714 | 4.0 |
| 3/12/09 | 13:00 | 28.8 | 29.8 | 27.2 | 79 | 24.8 | 12.9 | NW | 12.87 | 32.2 | NNW | 28.8 | 34.3 | 33.5 | 752.3 | 0.0 | 0.0 | 464 | 39.91 | 663 | 3.5 |
| 3/12/09 | 14:00 | 26.9 | 27.7 | 26.2 | 73 | 21.6 | 11.3 | WSW | 11.27 | 32.2 | WSW | 26.9 | 29.1 | 28.2 | 752.0 | 0.0 | 0.0 | 370 | 31.82 | 480 | 2.4 |
| 3/12/09 | 15:00 | 28.2 | 28.8 | 27.1 | 72 | 22.7 | 11.3 | WSW | 11.27 | 22.5 | WSW | 28.2 | 31.7 | 31.0 | 751.1 | 0.0 | 0.0 | 385 | 33.11 | 630 | 2.1 |
| 3/12/09 | 16:00 | 28.2 | 28.8 | 27.9 | 75 | 23.4 | 12.9 | WSW | 12.87 | 27.4 | SW | 28.2 | 32.1 | 31.2 | 750.9 | 0.0 | 0.0 | 252 | 21.67 | 380 | 1.1 |
| 3/12/09 | 17:00 | 27.7 | 27.9 | 27.6 | 78 | 23.5 | 11.3 | WSW | 11.27 | 22.5 | SW | 27.7 | 31.2 | 30.5 | 751.1 | 0.0 | 0.0 | 144 | 12.39 | 202 | 0.4 |
| 3/12/09 | 18:00 | 27.0 | 27.6 | 26.1 | 82 | 23.7 | 8.0 | WSW | 8.05 | 17.7 | WSW | 27.0 | 30.2 | 29.9 | 751.0 | 0.0 | 0.0 | 39 | 3.35 | 74 | 0.0 |
| 3/12/09 | 19:00 | 25.4 | 26.1 | 25.0 | 88 | 23.3 | 0.0 | SW | 0.00 | 12.9 | SW | 25.4 | 27.8 | 27.8 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 20:00 | 24.7 | 25.0 | 24.6 | 91 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 24.7 | 26.7 | 26.7 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 21:00 | 24.4 | 24.7 | 24.1 | 95 | 23.5 | 0.0 | --- | 0.00 | 0.0 | --- | 24.4 | 26.6 | 26.6 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 22:00 | 23.9 | 24.1 | 23.6 | 96 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.8 | 25.8 | 752.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/12/09 | 23:00 | 23.4 | 23.6 | 23.3 | 96 | 22.7 | 0.0 | SW | 0.00 | 1.6 | SW | 23.4 | 25.2 | 25.2 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 00:00 | 23.1 | 23.3 | 23.1 | 96 | 22.4 | 0.0 | WSW | 0.00 | 1.6 | WSW | 23.1 | 24.8 | 24.8 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 4/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 4/12/09 | 1:00 | 23.1 | 23.3 | 22.9 | 96 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 24.7 | 24.7 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 2:00 | 22.8 | 22.9 | 22.7 | 97 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.5 | 24.5 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 3:00 | 22.8 | 22.8 | 22.7 | 98 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.6 | 24.6 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 4:00 | 22.8 | 22.9 | 22.7 | 99 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.7 | 24.7 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 5:00 | 22.8 | 22.9 | 22.7 | 99 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.7 | 24.7 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 6:00 | 23.6 | 24.1 | 22.9 | 97 | 23.1 | 0.0 | WSW | 0.00 | 1.6 | WSW | 23.6 | 25.5 | 25.5 | 752.2 | 0.0 | 0.0 | 61 | 5.25 | 132 | 0.0 |
| 4/12/09 | 7:00 | 25.1 | 26.4 | 24.1 | 88 | 23.0 | 0.0 | S | 0.00 | 11.3 | SSW | 25.1 | 27.2 | 27.2 | 752.5 | 0.0 | 0.0 | 183 | 15.74 | 487 | 0.5 |
| 4/12/09 | 8:00 | 27.2 | 27.6 | 26.4 | 81 | 23.6 | 4.8 | S | 4.83 | 12.9 | SSE | 27.2 | 30.4 | 30.4 | 752.8 | 0.0 | 0.0 | 343 | 29.50 | 628 | 1.4 |
| 4/12/09 | 9:00 | 27.7 | 28.4 | 26.9 | 80 | 24.0 | 8.0 | ESE | 8.05 | 22.5 | E | 27.7 | 31.4 | 31.2 | 753.1 | 0.0 | 0.0 | 265 | 22.79 | 552 | 1.8 |
| 4/12/09 | 10:00 | 26.7 | 27.2 | 26.1 | 81 | 23.2 | 12.9 | ESE | 12.87 | 25.7 | ESE | 26.7 | 29.6 | 28.5 | 753.2 | 0.0 | 0.0 | 299 | 25.72 | 415 | 2.2 |
| 4/12/09 | 11:00 | 26.6 | 26.8 | 26.2 | 79 | 22.7 | 9.7 | E | 9.66 | 17.7 | E | 26.6 | 29.1 | 28.5 | 752.9 | 0.0 | 0.0 | 346 | 29.76 | 512 | 2.8 |
| 4/12/09 | 12:00 | 27.3 | 28.3 | 26.7 | 76 | 22.7 | 11.3 | E | 11.27 | 24.1 | E | 27.3 | 30.3 | 29.5 | 752.4 | 0.0 | 0.0 | 503 | 43.26 | 1087 | 4.6 |
| 4/12/09 | 13:00 | 28.5 | 29.2 | 28.0 | 72 | 23.0 | 11.3 | E | 11.27 | 22.5 | ESE | 28.5 | 32.3 | 31.6 | 751.6 | 0.0 | 0.0 | 585 | 50.32 | 934 | 4.6 |
| 4/12/09 | 14:00 | 28.4 | 29.1 | 27.2 | 80 | 24.6 | 11.3 | E | 11.27 | 25.7 | ENE | 28.4 | 33.2 | 32.5 | 751.3 | 0.2 | 0.0 | 274 | 23.57 | 892 | 2.5 |
| 4/12/09 | 15:00 | 26.7 | 27.2 | 26.4 | 78 | 22.5 | 8.0 | SE | 8.05 | 24.1 | SSE | 26.7 | 29.1 | 28.8 | 751.2 | 0.2 | 0.0 | 85 | 7.31 | 230 | 0.6 |
| 4/12/09 | 16:00 | 26.1 | 26.6 | 25.8 | 79 | 22.2 | 9.7 | SSE | 9.66 | 29.0 | S | 26.1 | 28.1 | 27.4 | 751.2 | 0.0 | 0.0 | 51 | 4.39 | 77 | 0.1 |
| 4/12/09 | 17:00 | 25.7 | 25.8 | 25.5 | 76 | 21.1 | 6.4 | SE | 6.44 | 22.5 | SSE | 25.7 | 27.3 | 27.3 | 751.4 | 0.0 | 0.0 | 41 | 3.53 | 60 | 0.0 |
| 4/12/09 | 18:00 | 25.4 | 25.5 | 25.2 | 80 | 21.7 | 3.2 | SE | 3.22 | 17.7 | SE | 25.4 | 27.4 | 27.4 | 751.7 | 0.0 | 0.0 | 29 | 2.49 | 48 | 0.0 |
| 4/12/09 | 19:00 | 25.1 | 25.2 | 24.9 | 79 | 21.2 | 3.2 | SE | 3.22 | 16.1 | SE | 25.1 | 26.9 | 26.9 | 752.3 | 0.0 | 0.0 | 2 | 0.17 | 11 | 0.0 |
| 4/12/09 | 20:00 | 24.7 | 24.9 | 24.5 | 80 | 21.0 | 0.0 | ESE | 0.00 | 11.3 | ESE | 24.7 | 26.4 | 26.4 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 21:00 | 24.4 | 24.5 | 24.1 | 77 | 20.1 | 1.6 | ESE | 1.61 | 14.5 | SSE | 24.4 | 25.7 | 25.7 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 22:00 | 23.9 | 24.1 | 23.7 | 76 | 19.4 | 4.8 | ESE | 4.83 | 16.1 | E | 23.9 | 24.9 | 24.9 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/12/09 | 23:00 | 23.7 | 23.8 | 23.7 | 76 | 19.2 | 9.7 | E | 9.66 | 22.5 | ENE | 23.7 | 24.7 | 23.9 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 00:00 | 23.5 | 23.7 | 23.3 | 76 | 19.0 | 11.3 | E | 11.27 | 29.0 | ESE | 23.5 | 24.5 | 23.3 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 5/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 5/12/09 | 1:00 | 23.3 | 23.4 | 23.3 | 77 | 19.1 | 12.9 | E | 12.87 | 27.4 | ESE | 23.3 | 24.3 | 22.8 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 2:00 | 22.9 | 23.3 | 22.5 | 81 | 19.5 | 11.3 | E | 11.27 | 24.1 | ESE | 22.9 | 23.9 | 22.6 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 3:00 | 22.3 | 22.5 | 22.2 | 81 | 18.9 | 9.7 | ESE | 9.66 | 22.5 | ESE | 22.3 | 23.3 | 22.3 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 4:00 | 22.0 | 22.2 | 21.7 | 82 | 18.8 | 11.3 | ESE | 11.27 | 25.7 | E | 22.0 | 23.0 | 21.7 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 5:00 | 21.5 | 21.7 | 21.3 | 82 | 18.3 | 9.7 | ESE | 9.66 | 20.9 | E | 21.5 | 22.5 | 21.5 | 753.0 | 0.0 | 0.0 | 2 | 0.17 | 14 | 0.0 |
| 5/12/09 | 6:00 | 21.8 | 22.3 | 21.4 | 76 | 17.4 | 8.0 | ESE | 8.05 | 20.9 | ESE | 21.8 | 22.4 | 21.9 | 753.7 | 0.0 | 0.0 | 105 | 9.03 | 197 | 0.1 |
| 5/12/09 | 7:00 | 22.6 | 23.1 | 22.2 | 74 | 17.7 | 11.3 | ESE | 11.27 | 22.5 | E | 22.6 | 23.4 | 22.1 | 754.1 | 0.0 | 0.0 | 268 | 23.05 | 389 | 0.7 |
| 5/12/09 | 8:00 | 23.9 | 24.4 | 23.1 | 70 | 18.1 | 8.0 | E | 8.05 | 20.9 | SE | 23.9 | 24.9 | 24.4 | 754.2 | 0.0 | 0.0 | 457 | 39.31 | 639 | 1.7 |
| 5/12/09 | 9:00 | 24.9 | 25.4 | 24.4 | 68 | 18.6 | 12.9 | E | 12.87 | 25.7 | E | 24.9 | 25.7 | 24.4 | 754.1 | 0.0 | 0.0 | 601 | 51.69 | 679 | 3.2 |
| 5/12/09 | 10:00 | 25.9 | 26.3 | 25.3 | 66 | 19.0 | 12.9 | E | 12.87 | 27.4 | ESE | 25.9 | 26.8 | 25.7 | 753.8 | 0.0 | 0.0 | 726 | 62.44 | 781 | 4.9 |
| 5/12/09 | 11:00 | 26.8 | 27.3 | 26.2 | 66 | 19.9 | 12.9 | E | 12.87 | 29.0 | E | 26.8 | 28.2 | 27.2 | 753.2 | 0.0 | 0.0 | 804 | 69.15 | 855 | 5.9 |
| 5/12/09 | 12:00 | 27.8 | 28.2 | 27.3 | 62 | 19.8 | 12.9 | E | 12.87 | 24.1 | E | 27.8 | 29.1 | 28.2 | 752.5 | 0.0 | 0.0 | 827 | 71.13 | 848 | 6.5 |
| 5/12/09 | 13:00 | 28.4 | 28.9 | 28.0 | 62 | 20.5 | 12.9 | E | 12.87 | 27.4 | E | 28.4 | 30.3 | 29.4 | 751.7 | 0.0 | 0.0 | 821 | 70.62 | 890 | 5.9 |
| 5/12/09 | 14:00 | 28.9 | 29.2 | 28.7 | 61 | 20.6 | 9.7 | E | 9.66 | 20.9 | ENE | 28.9 | 31.0 | 30.5 | 751.3 | 0.0 | 0.0 | 566 | 48.68 | 926 | 4.1 |
| 5/12/09 | 15:00 | 29.0 | 29.4 | 28.6 | 63 | 21.2 | 8.0 | E | 8.05 | 25.7 | ENE | 29.0 | 31.6 | 31.4 | 750.9 | 0.0 | 0.0 | 432 | 37.16 | 825 | 2.5 |
| 5/12/09 | 16:00 | 28.8 | 28.9 | 28.6 | 66 | 21.8 | 4.8 | E | 4.83 | 14.5 | ENE | 28.8 | 31.8 | 31.8 | 750.6 | 0.0 | 0.0 | 249 | 21.42 | 695 | 1.2 |
| 5/12/09 | 17:00 | 28.8 | 29.1 | 28.7 | 66 | 21.8 | 4.8 | E | 4.83 | 14.5 | ESE | 28.8 | 31.9 | 31.9 | 750.5 | 0.0 | 0.0 | 170 | 14.62 | 355 | 0.5 |
| 5/12/09 | 18:00 | 27.9 | 28.8 | 27.3 | 72 | 22.4 | 0.0 | E | 0.00 | 12.9 | E | 27.9 | 31.0 | 31.0 | 751.1 | 0.0 | 0.0 | 41 | 3.53 | 146 | 0.0 |
| 5/12/09 | 19:00 | 27.0 | 27.3 | 26.6 | 73 | 21.7 | 0.0 | ESE | 0.00 | 12.9 | ESE | 27.0 | 29.3 | 29.3 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 9 | 0.0 |
| 5/12/09 | 20:00 | 26.2 | 26.6 | 25.9 | 76 | 21.7 | 0.0 | --- | 0.00 | 0.0 | --- | 26.2 | 28.1 | 28.1 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 21:00 | 25.3 | 25.9 | 24.9 | 81 | 21.8 | 0.0 | --- | 0.00 | 0.0 | --- | 25.3 | 27.4 | 27.4 | 752.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 22:00 | 24.7 | 24.9 | 24.4 | 83 | 21.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.7 | 26.5 | 26.5 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/12/09 | 23:00 | 24.3 | 24.4 | 24.2 | 81 | 20.9 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 25.8 | 25.8 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 00:00 | 24.3 | 24.3 | 24.1 | 76 | 19.8 | 3.2 | ESE | 3.22 | 16.1 | ESE | 24.3 | 25.4 | 25.4 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 6/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 6/12/09 | 1:00 | 23.9 | 24.3 | 23.7 | 78 | 19.9 | 6.4 | ESE | 6.44 | 14.5 | SE | 23.9 | 25.0 | 25.0 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 2:00 | 23.4 | 23.7 | 23.2 | 80 | 19.8 | 8.0 | ESE | 8.05 | 17.7 | ESE | 23.4 | 24.4 | 23.9 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 3:00 | 23.0 | 23.2 | 22.8 | 80 | 19.4 | 8.0 | ESE | 8.05 | 22.5 | SE | 23.0 | 24.0 | 23.5 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 4:00 | 22.4 | 22.8 | 22.2 | 82 | 19.2 | 3.2 | ESE | 3.22 | 16.1 | ESE | 22.4 | 23.4 | 23.4 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 5:00 | 22.1 | 22.2 | 22.0 | 82 | 18.9 | 6.4 | E | 6.44 | 17.7 | ESE | 22.1 | 23.1 | 23.1 | 752.8 | 0.0 | 0.0 | 2 | 0.17 | 12 | 0.0 |
| 6/12/09 | 6:00 | 22.4 | 22.9 | 22.0 | 79 | 18.6 | 9.7 | E | 9.66 | 20.9 | ENE | 22.4 | 23.3 | 22.4 | 753.2 | 0.0 | 0.0 | 102 | 8.77 | 188 | 0.1 |
| 6/12/09 | 7:00 | 23.6 | 24.3 | 22.9 | 74 | 18.7 | 8.0 | E | 8.05 | 17.7 | SSE | 23.6 | 24.6 | 24.1 | 753.6 | 0.0 | 0.0 | 279 | 24.00 | 366 | 0.7 |
| 6/12/09 | 8:00 | 24.9 | 25.6 | 24.2 | 72 | 19.5 | 11.3 | E | 11.27 | 22.5 | E | 24.9 | 26.1 | 25.1 | 753.5 | 0.0 | 0.0 | 448 | 38.53 | 526 | 1.7 |
| 6/12/09 | 9:00 | 26.3 | 27.1 | 25.6 | 71 | 20.6 | 12.9 | E | 12.87 | 24.1 | ENE | 26.3 | 27.7 | 26.6 | 753.3 | 0.0 | 0.0 | 596 | 51.26 | 660 | 3.2 |
| 6/12/09 | 10:00 | 27.4 | 28.1 | 26.9 | 67 | 20.7 | 11.3 | E | 11.27 | 20.9 | E | 27.4 | 29.4 | 28.6 | 753.0 | 0.0 | 0.0 | 713 | 61.33 | 772 | 4.8 |
| 6/12/09 | 11:00 | 28.3 | 28.7 | 28.0 | 67 | 21.6 | 9.7 | ENE | 9.66 | 22.5 | ENE | 28.3 | 31.1 | 30.5 | 752.7 | 0.0 | 0.0 | 777 | 66.83 | 806 | 5.8 |
| 6/12/09 | 12:00 | 29.3 | 29.7 | 28.7 | 66 | 22.3 | 4.8 | ESE | 4.83 | 17.7 | ESE | 29.3 | 32.8 | 32.8 | 751.9 | 0.0 | 0.0 | 825 | 70.96 | 874 | 6.3 |
| 6/12/09 | 13:00 | 30.2 | 30.7 | 29.7 | 68 | 23.7 | 4.8 | ESE | 4.83 | 16.1 | SSE | 30.2 | 35.1 | 35.1 | 751.1 | 0.0 | 0.0 | 801 | 68.89 | 887 | 5.7 |
| 6/12/09 | 14:00 | 30.9 | 31.4 | 30.6 | 59 | 22.0 | 3.2 | SE | 3.22 | 16.1 | SE | 30.9 | 34.7 | 34.7 | 750.5 | 0.0 | 0.0 | 712 | 61.24 | 788 | 4.5 |
| 6/12/09 | 15:00 | 31.3 | 31.6 | 31.1 | 59 | 22.4 | 1.6 | SE | 1.61 | 14.5 | SE | 31.3 | 35.4 | 35.4 | 749.6 | 0.0 | 0.0 | 507 | 43.61 | 635 | 2.7 |
| 6/12/09 | 16:00 | 31.3 | 31.6 | 30.9 | 61 | 22.9 | 0.0 | ENE | 0.00 | 9.7 | ENE | 31.3 | 35.8 | 35.8 | 749.3 | 0.0 | 0.0 | 346 | 29.76 | 480 | 1.3 |
| 6/12/09 | 17:00 | 30.5 | 31.0 | 30.2 | 66 | 23.4 | 0.0 | ENE | 0.00 | 6.4 | ENE | 30.5 | 35.2 | 35.2 | 749.3 | 0.0 | 0.0 | 120 | 10.32 | 366 | 0.4 |
| 6/12/09 | 18:00 | 29.5 | 30.2 | 28.9 | 73 | 24.1 | 0.0 | --- | 0.00 | 0.0 | --- | 29.5 | 34.6 | 34.6 | 750.4 | 0.0 | 0.0 | 24 | 2.06 | 62 | 0.0 |
| 6/12/09 | 19:00 | 27.8 | 28.9 | 26.6 | 84 | 24.8 | 0.0 | --- | 0.00 | 0.0 | --- | 27.8 | 32.3 | 32.3 | 750.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 20:00 | 26.9 | 27.3 | 26.7 | 86 | 24.4 | 0.0 | --- | 0.00 | 0.0 | --- | 26.9 | 30.6 | 30.6 | 750.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 21:00 | 27.3 | 27.4 | 26.7 | 85 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 27.3 | 31.3 | 31.3 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 22:00 | 25.7 | 26.7 | 25.4 | 92 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 25.7 | 28.7 | 28.7 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/12/09 | 23:00 | 25.3 | 25.4 | 25.2 | 92 | 23.9 | 0.0 | WSW | 0.00 | 16.1 | WSW | 25.3 | 27.9 | 27.9 | 752.4 | 0.4 | 1.0 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 00:00 | 23.7 | 25.1 | 22.8 | 94 | 22.7 | 1.6 | W | 1.61 | 12.9 | WSW | 23.7 | 25.6 | 25.6 | 752.1 | 1.6 | 3.4 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 7/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 7/12/09 | 1:00 | 22.1 | 22.8 | 21.6 | 96 | 21.4 | 8.0 | WNW | 8.05 | 20.9 | W | 22.1 | 23.7 | 23.2 | 752.4 | 3.0 | 4.8 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 2:00 | 21.2 | 21.6 | 20.9 | 98 | 20.8 | 8.0 | SW | 8.05 | 16.1 | WSW | 21.2 | 22.9 | 22.3 | 750.8 | 2.6 | 4.8 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 3:00 | 22.1 | 22.3 | 21.4 | 97 | 21.6 | 8.0 | S | 8.05 | 24.1 | S | 22.1 | 23.8 | 23.2 | 749.9 | 0.4 | 1.2 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 4:00 | 22.3 | 22.4 | 22.1 | 98 | 21.9 | 0.0 | SSW | 0.00 | 12.9 | SSW | 22.3 | 24.1 | 24.1 | 749.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 5:00 | 22.1 | 22.3 | 22.0 | 98 | 21.8 | 0.0 | N | 0.00 | 1.6 | N | 22.1 | 23.9 | 23.9 | 750.4 | 0.0 | 0.0 | 2 | 0.17 | 14 | 0.0 |
| 7/12/09 | 6:00 | 22.4 | 22.7 | 22.2 | 98 | 22.1 | 0.0 | NNE | 0.00 | 1.6 | NNE | 22.4 | 24.2 | 24.2 | 751.7 | 0.0 | 0.0 | 42 | 3.61 | 76 | 0.0 |
| 7/12/09 | 7:00 | 23.3 | 23.9 | 22.7 | 94 | 22.3 | 1.6 | WNW | 1.61 | 12.9 | WNW | 23.3 | 24.8 | 24.8 | 752.4 | 0.0 | 0.0 | 138 | 11.87 | 246 | 0.4 |
| 7/12/09 | 8:00 | 24.4 | 24.7 | 23.8 | 92 | 23.0 | 4.8 | WSW | 4.83 | 12.9 | WNW | 24.4 | 26.4 | 26.4 | 752.8 | 0.0 | 0.0 | 166 | 14.28 | 225 | 0.7 |
| 7/12/09 | 9:00 | 24.5 | 24.7 | 24.4 | 92 | 23.1 | 3.2 | WSW | 3.22 | 14.5 | SW | 24.5 | 26.6 | 26.6 | 753.1 | 0.0 | 0.0 | 98 | 8.43 | 128 | 0.6 |
| 7/12/09 | 10:00 | 25.2 | 25.8 | 24.7 | 89 | 23.2 | 1.6 | SW | 1.61 | 9.7 | SW | 25.2 | 27.3 | 27.3 | 753.2 | 0.0 | 0.0 | 138 | 11.87 | 359 | 0.9 |
| 7/12/09 | 11:00 | 26.7 | 27.8 | 25.8 | 79 | 22.8 | 3.2 | S | 3.22 | 17.7 | SSW | 26.7 | 29.3 | 29.3 | 752.5 | 0.0 | 0.0 | 416 | 35.78 | 903 | 3.0 |
| 7/12/09 | 12:00 | 28.2 | 28.6 | 27.7 | 73 | 22.9 | 3.2 | ESE | 3.22 | 16.1 | S | 28.2 | 31.8 | 31.8 | 751.9 | 0.0 | 0.0 | 705 | 60.64 | 966 | 4.6 |
| 7/12/09 | 13:00 | 29.2 | 29.8 | 28.6 | 68 | 22.7 | 1.6 | S | 1.61 | 12.9 | SSE | 29.2 | 33.1 | 33.1 | 751.1 | 0.0 | 0.0 | 660 | 56.77 | 874 | 4.1 |
| 7/12/09 | 14:00 | 30.3 | 30.6 | 29.8 | 69 | 24.0 | 0.0 | SE | 0.00 | 12.9 | SE | 30.3 | 35.3 | 35.3 | 750.4 | 0.0 | 0.0 | 539 | 46.36 | 838 | 3.2 |
| 7/12/09 | 15:00 | 30.3 | 30.4 | 30.2 | 68 | 23.7 | 0.0 | SSE | 0.00 | 1.6 | SSE | 30.3 | 35.2 | 35.2 | 750.1 | 0.0 | 0.0 | 334 | 28.73 | 493 | 1.7 |
| 7/12/09 | 16:00 | 29.9 | 30.3 | 29.4 | 73 | 24.6 | 3.2 | SSW | 3.22 | 12.9 | SW | 29.9 | 35.5 | 35.5 | 750.1 | 0.0 | 0.0 | 238 | 20.47 | 389 | 0.9 |
| 7/12/09 | 17:00 | 28.8 | 29.4 | 28.4 | 78 | 24.6 | 6.4 | SW | 6.44 | 14.5 | SSW | 28.8 | 34.0 | 34.0 | 750.2 | 0.0 | 0.0 | 107 | 9.20 | 151 | 0.3 |
| 7/12/09 | 18:00 | 28.0 | 28.4 | 27.6 | 84 | 25.0 | 0.0 | SSW | 0.00 | 11.3 | SSW | 28.0 | 32.9 | 32.9 | 750.9 | 0.0 | 0.0 | 43 | 3.70 | 95 | 0.0 |
| 7/12/09 | 19:00 | 26.4 | 27.6 | 25.1 | 87 | 24.0 | 3.2 | E | 3.22 | 20.9 | ENE | 26.4 | 29.5 | 29.5 | 751.7 | 0.0 | 0.0 | 3 | 0.26 | 14 | 0.0 |
| 7/12/09 | 20:00 | 24.5 | 25.1 | 23.9 | 89 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.5 | 26.4 | 26.4 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 21:00 | 23.9 | 24.4 | 23.6 | 93 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 22:00 | 23.4 | 23.7 | 23.3 | 95 | 22.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.1 | 25.1 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/12/09 | 23:00 | 23.4 | 23.7 | 23.3 | 96 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.2 | 25.2 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 00:00 | 23.4 | 23.7 | 23.3 | 97 | 22.9 | 0.0 | WNW | 0.00 | 1.6 | WNW | 23.4 | 25.3 | 25.3 | 752.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 8/12/09

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 8/12/09 | 1:00 | 23.8 | 24.1 | 23.7 | 97 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 2:00 | 23.5 | 23.9 | 23.2 | 97 | 23.0 | 0.0 | --- | 0.00 | 0.0 | --- | 23.5 | 25.3 | 25.3 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 3:00 | 23.1 | 23.2 | 22.9 | 98 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 24.9 | 24.9 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 4:00 | 22.7 | 22.9 | 22.4 | 99 | 22.5 | 0.0 | --- | 0.00 | 0.0 | --- | 22.7 | 24.6 | 24.6 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 5:00 | 23.0 | 23.6 | 22.7 | 97 | 22.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.0 | 24.7 | 24.7 | 753.2 | 0.0 | 0.0 | 1 | 0.09 | 12 | 0.0 |
| 8/12/09 | 6:00 | 24.2 | 24.7 | 23.7 | 87 | 21.9 | 0.0 | SE | 0.00 | 11.3 | SE | 24.2 | 25.9 | 25.9 | 753.5 | 0.0 | 0.0 | 62 | 5.33 | 155 | 0.1 |
| 8/12/09 | 7:00 | 25.2 | 25.9 | 24.7 | 83 | 22.1 | 6.4 | ESE | 6.44 | 16.1 | SE | 25.2 | 27.2 | 27.2 | 753.9 | 0.0 | 0.0 | 218 | 18.75 | 459 | 0.6 |
| 8/12/09 | 8:00 | 26.3 | 27.1 | 25.7 | 79 | 22.4 | 6.4 | SE | 6.44 | 14.5 | ESE | 26.3 | 28.6 | 28.6 | 754.1 | 0.0 | 0.0 | 350 | 30.10 | 591 | 1.5 |
| 8/12/09 | 9:00 | 27.4 | 28.3 | 26.9 | 74 | 22.3 | 3.2 | S | 3.22 | 16.1 | SSW | 27.4 | 30.2 | 30.2 | 754.3 | 0.0 | 0.0 | 348 | 29.93 | 862 | 2.2 |
| 8/12/09 | 10:00 | 28.4 | 28.9 | 28.1 | 71 | 22.7 | 0.0 | SSE | 0.00 | 11.3 | SSE | 28.4 | 32.1 | 32.1 | 754.2 | 0.0 | 0.0 | 386 | 33.20 | 918 | 2.9 |
| 8/12/09 | 11:00 | 29.3 | 29.8 | 28.7 | 69 | 23.0 | 1.6 | SSW | 1.61 | 12.9 | SSW | 29.3 | 33.3 | 33.3 | 753.8 | 0.0 | 0.0 | 690 | 59.35 | 1096 | 4.8 |
| 8/12/09 | 12:00 | 29.9 | 30.4 | 29.4 | 70 | 23.8 | 1.6 | SE | 1.61 | 12.9 | SE | 29.9 | 34.8 | 34.8 | 753.3 | 0.0 | 0.0 | 825 | 70.96 | 982 | 5.8 |
| 8/12/09 | 13:00 | 30.4 | 31.0 | 30.1 | 64 | 22.9 | 3.2 | ESE | 3.22 | 12.9 | SE | 30.4 | 34.7 | 34.7 | 752.8 | 0.0 | 0.0 | 781 | 67.17 | 994 | 5.1 |
| 8/12/09 | 14:00 | 30.8 | 31.1 | 29.9 | 65 | 23.4 | 4.8 | ESE | 4.83 | 14.5 | ESE | 30.8 | 35.6 | 35.6 | 752.2 | 0.0 | 0.0 | 647 | 55.65 | 876 | 3.9 |
| 8/12/09 | 15:00 | 30.8 | 31.0 | 30.7 | 65 | 23.5 | 3.2 | E | 3.22 | 14.5 | SE | 30.8 | 35.7 | 35.7 | 751.6 | 0.0 | 0.0 | 582 | 50.06 | 632 | 2.6 |
| 8/12/09 | 16:00 | 30.6 | 30.8 | 30.3 | 64 | 23.0 | 1.6 | E | 1.61 | 16.1 | E | 30.6 | 34.9 | 34.9 | 751.3 | 0.0 | 0.0 | 388 | 33.37 | 526 | 1.3 |
| 8/12/09 | 17:00 | 30.6 | 30.8 | 30.2 | 66 | 23.5 | 0.0 | E | 0.00 | 6.4 | NE | 30.6 | 35.3 | 35.3 | 751.3 | 0.0 | 0.0 | 188 | 16.17 | 311 | 0.5 |
| 8/12/09 | 18:00 | 30.0 | 30.7 | 28.9 | 73 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 30.0 | 35.6 | 35.6 | 751.6 | 0.0 | 0.0 | 42 | 3.61 | 116 | 0.0 |
| 8/12/09 | 19:00 | 28.2 | 28.9 | 27.6 | 83 | 25.0 | 0.0 | --- | 0.00 | 0.0 | --- | 28.2 | 33.2 | 33.2 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 5 | 0.0 |
| 8/12/09 | 20:00 | 26.9 | 27.6 | 26.6 | 90 | 25.2 | 0.0 | --- | 0.00 | 0.0 | --- | 26.9 | 31.0 | 31.0 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 21:00 | 26.5 | 26.7 | 25.7 | 90 | 24.7 | 0.0 | --- | 0.00 | 0.0 | --- | 26.5 | 30.0 | 30.0 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 22:00 | 25.2 | 25.7 | 24.9 | 94 | 24.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.2 | 27.7 | 27.7 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/12/09 | 23:00 | 25.7 | 26.0 | 24.9 | 84 | 22.8 | 3.2 | E | 3.22 | 17.7 | E | 25.7 | 28.1 | 28.1 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 00:00 | 25.4 | 25.8 | 25.2 | 84 | 22.5 | 9.7 | E | 9.66 | 20.9 | ESE | 25.4 | 27.6 | 26.9 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 9/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 9/12/09 | 1:00 | 24.8 | 25.4 | 24.1 | 87 | 22.5 | 11.3 | ENE | 11.27 | 24.1 | ENE | 24.8 | 26.7 | 25.7 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 2:00 | 24.3 | 24.5 | 24.1 | 87 | 22.0 | 9.7 | ENE | 9.66 | 17.7 | ENE | 24.3 | 26.1 | 25.2 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 3:00 | 23.8 | 24.1 | 23.6 | 88 | 21.7 | 8.0 | ENE | 8.05 | 16.1 | ENE | 23.8 | 25.5 | 25.0 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 4:00 | 23.1 | 23.7 | 22.7 | 89 | 21.1 | 3.2 | ENE | 3.22 | 14.5 | NE | 23.1 | 24.2 | 24.2 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 5:00 | 23.5 | 23.8 | 23.1 | 84 | 20.6 | 6.4 | E | 6.44 | 16.1 | ESE | 23.5 | 24.7 | 24.7 | 754.9 | 0.0 | 0.0 | 3 | 0.26 | 18 | 0.0 |
| 9/12/09 | 6:00 | 23.8 | 24.1 | 23.7 | 81 | 20.3 | 4.8 | ESE | 4.83 | 14.5 | SE | 23.8 | 24.8 | 24.8 | 755.4 | 0.0 | 0.0 | 67 | 5.76 | 125 | 0.1 |
| 9/12/09 | 7:00 | 24.5 | 24.9 | 24.1 | 78 | 20.4 | 8.0 | ESE | 8.05 | 20.9 | SE | 24.5 | 25.9 | 25.4 | 756.0 | 0.0 | 0.0 | 225 | 19.35 | 336 | 0.6 |
| 9/12/09 | 8:00 | 25.9 | 26.8 | 24.9 | 71 | 20.2 | 9.7 | ESE | 9.66 | 20.9 | ESE | 25.9 | 27.1 | 26.4 | 756.2 | 0.0 | 0.0 | 449 | 38.62 | 533 | 1.6 |
| 9/12/09 | 9:00 | 27.1 | 27.7 | 26.8 | 67 | 20.5 | 11.3 | ESE | 11.27 | 22.5 | ESE | 27.1 | 28.9 | 28.1 | 756.1 | 0.0 | 0.0 | 609 | 52.38 | 699 | 3.1 |
| 9/12/09 | 10:00 | 27.9 | 28.6 | 27.4 | 66 | 21.0 | 11.3 | E | 11.27 | 20.9 | E | 27.9 | 30.2 | 29.5 | 755.9 | 0.0 | 0.0 | 733 | 63.05 | 825 | 4.3 |
| 9/12/09 | 11:00 | 28.8 | 29.2 | 28.4 | 68 | 22.3 | 9.7 | E | 9.66 | 22.5 | NE | 28.8 | 32.2 | 31.7 | 755.5 | 0.0 | 0.0 | 788 | 67.78 | 910 | 5.4 |
| 9/12/09 | 12:00 | 29.4 | 29.7 | 29.2 | 68 | 22.9 | 6.4 | E | 6.44 | 22.5 | ESE | 29.4 | 33.4 | 33.4 | 755.0 | 0.0 | 0.0 | 784 | 67.43 | 915 | 5.5 |
| 9/12/09 | 13:00 | 29.8 | 30.4 | 29.4 | 67 | 23.0 | 8.0 | E | 8.05 | 20.9 | ENE | 29.8 | 34.1 | 33.8 | 754.3 | 0.0 | 0.0 | 816 | 70.19 | 903 | 5.3 |
| 9/12/09 | 14:00 | 30.1 | 30.7 | 29.6 | 66 | 23.1 | 6.4 | ENE | 6.44 | 16.1 | E | 30.1 | 34.4 | 34.4 | 753.2 | 0.0 | 0.0 | 593 | 51.00 | 815 | 3.6 |
| 9/12/09 | 15:00 | 30.6 | 30.8 | 30.2 | 64 | 23.0 | 3.2 | E | 3.22 | 14.5 | ENE | 30.6 | 34.9 | 34.9 | 752.5 | 0.0 | 0.0 | 530 | 45.59 | 721 | 2.6 |
| 9/12/09 | 16:00 | 30.2 | 30.7 | 29.7 | 62 | 22.1 | 3.2 | E | 3.22 | 16.1 | ESE | 30.2 | 33.7 | 33.7 | 752.2 | 0.0 | 0.0 | 355 | 30.53 | 477 | 1.3 |
| 9/12/09 | 17:00 | 30.4 | 30.6 | 30.3 | 63 | 22.6 | 1.6 | E | 1.61 | 12.9 | SE | 30.4 | 34.4 | 34.4 | 752.7 | 0.0 | 0.0 | 176 | 15.14 | 354 | 0.5 |
| 9/12/09 | 18:00 | 29.9 | 30.6 | 28.8 | 73 | 24.5 | 0.0 | --- | 0.00 | 0.0 | --- | 29.9 | 35.4 | 35.4 | 753.2 | 0.0 | 0.0 | 65 | 5.59 | 135 | 0.0 |
| 9/12/09 | 19:00 | 28.1 | 28.8 | 27.4 | 80 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 28.1 | 32.4 | 32.4 | 753.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 20:00 | 27.3 | 27.4 | 27.1 | 84 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 27.3 | 31.1 | 31.1 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 21:00 | 26.7 | 27.1 | 26.1 | 88 | 24.5 | 0.0 | --- | 0.00 | 0.0 | --- | 26.7 | 30.1 | 30.1 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 22:00 | 26.2 | 26.4 | 25.7 | 90 | 24.4 | 0.0 | --- | 0.00 | 0.0 | --- | 26.2 | 29.3 | 29.3 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/12/09 | 23:00 | 25.7 | 25.7 | 25.2 | 90 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 25.7 | 28.3 | 28.3 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 00:00 | 24.8 | 25.3 | 24.4 | 86 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.8 | 26.8 | 26.8 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 10/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 10/12/09 | 1:00 | 25.3 | 25.3 | 25.2 | 82 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 25.3 | 27.3 | 27.3 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 2:00 | 24.9 | 25.2 | 24.7 | 83 | 21.9 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 26.9 | 26.9 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 3:00 | 24.5 | 24.7 | 24.3 | 84 | 21.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.5 | 26.2 | 26.2 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 4:00 | 24.2 | 24.3 | 24.1 | 85 | 21.5 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 25.7 | 25.7 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 5:00 | 23.8 | 24.1 | 23.7 | 82 | 20.6 | 0.0 | ESE | 0.00 | 12.9 | ESE | 23.8 | 25.0 | 25.0 | 754.7 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 10/12/09 | 6:00 | 24.1 | 24.7 | 23.7 | 78 | 20.0 | 4.8 | E | 4.83 | 17.7 | ESE | 24.1 | 25.2 | 25.2 | 755.2 | 0.0 | 0.0 | 84 | 7.22 | 194 | 0.1 |
| 10/12/09 | 7:00 | 25.1 | 25.6 | 24.7 | 76 | 20.6 | 8.0 | ESE | 8.05 | 17.7 | ESE | 25.1 | 26.7 | 26.3 | 755.6 | 0.0 | 0.0 | 277 | 23.83 | 354 | 0.7 |
| 10/12/09 | 8:00 | 26.0 | 26.4 | 25.6 | 72 | 20.6 | 9.7 | ESE | 9.66 | 20.9 | ESE | 26.0 | 27.3 | 26.6 | 755.7 | 0.0 | 0.0 | 438 | 37.67 | 533 | 1.6 |
| 10/12/09 | 9:00 | 27.1 | 27.6 | 26.4 | 69 | 20.9 | 11.3 | ESE | 11.27 | 20.9 | E | 27.1 | 29.0 | 28.2 | 755.9 | 0.0 | 0.0 | 588 | 50.57 | 660 | 3.1 |
| 10/12/09 | 10:00 | 27.9 | 28.3 | 27.6 | 67 | 21.2 | 14.5 | E | 14.48 | 25.7 | E | 27.9 | 30.3 | 29.2 | 755.6 | 0.0 | 0.0 | 705 | 60.64 | 746 | 4.6 |
| 10/12/09 | 11:00 | 28.8 | 29.1 | 28.2 | 67 | 22.0 | 12.9 | E | 12.87 | 24.1 | ENE | 28.8 | 31.9 | 31.1 | 755.6 | 0.0 | 0.0 | 783 | 67.35 | 834 | 5.8 |
| 10/12/09 | 12:00 | 29.2 | 29.6 | 28.9 | 66 | 22.2 | 11.3 | E | 11.27 | 22.5 | ENE | 29.2 | 32.7 | 32.1 | 755.3 | 0.0 | 0.0 | 736 | 63.30 | 952 | 5.4 |
| 10/12/09 | 13:00 | 29.5 | 29.7 | 29.2 | 66 | 22.5 | 8.0 | E | 8.05 | 24.1 | SE | 29.5 | 33.2 | 33.0 | 754.8 | 0.0 | 0.0 | 696 | 59.86 | 987 | 5.0 |
| 10/12/09 | 14:00 | 29.9 | 30.3 | 29.6 | 63 | 22.1 | 8.0 | E | 8.05 | 17.7 | ESE | 29.9 | 33.4 | 33.2 | 753.6 | 0.0 | 0.0 | 656 | 56.42 | 771 | 4.0 |
| 10/12/09 | 15:00 | 30.6 | 30.8 | 30.3 | 64 | 23.0 | 4.8 | E | 4.83 | 16.1 | ENE | 30.6 | 34.9 | 34.9 | 752.6 | 0.0 | 0.0 | 555 | 47.74 | 649 | 2.8 |
| 10/12/09 | 16:00 | 30.6 | 30.7 | 30.4 | 64 | 23.0 | 6.4 | E | 6.44 | 20.9 | ESE | 30.6 | 34.9 | 34.9 | 752.3 | 0.0 | 0.0 | 393 | 33.80 | 475 | 1.5 |
| 10/12/09 | 17:00 | 30.1 | 30.6 | 29.8 | 67 | 23.3 | 1.6 | ENE | 1.61 | 12.9 | ENE | 30.1 | 34.5 | 34.5 | 752.5 | 0.0 | 0.0 | 166 | 14.28 | 299 | 0.5 |
| 10/12/09 | 18:00 | 29.7 | 29.9 | 29.3 | 73 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 29.7 | 34.9 | 34.9 | 752.8 | 0.0 | 0.0 | 58 | 4.99 | 132 | 0.0 |
| 10/12/09 | 19:00 | 27.6 | 29.3 | 26.6 | 82 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 27.6 | 31.6 | 31.6 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 9 | 0.0 |
| 10/12/09 | 20:00 | 26.7 | 26.8 | 26.6 | 90 | 24.9 | 0.0 | --- | 0.00 | 0.0 | --- | 26.7 | 30.3 | 30.3 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 21:00 | 26.6 | 26.8 | 26.0 | 90 | 24.8 | 0.0 | --- | 0.00 | 0.0 | --- | 26.6 | 30.1 | 30.1 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 22:00 | 26.2 | 26.6 | 25.9 | 85 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 26.2 | 28.8 | 28.8 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/12/09 | 23:00 | 26.4 | 26.6 | 26.2 | 84 | 23.5 | 0.0 | --- | 0.00 | 0.0 | --- | 26.4 | 29.3 | 29.3 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 00:00 | 25.8 | 26.2 | 25.0 | 89 | 23.9 | 0.0 | ENE | 0.00 | 11.3 | ENE | 25.8 | 28.6 | 28.6 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 11/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 11/12/09 | 1:00 | 24.7 | 25.0 | 24.6 | 90 | 23.0 | 3.2 | ENE | 3.22 | 12.9 | NE | 24.7 | 26.7 | 26.7 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 2:00 | 24.6 | 25.0 | 24.1 | 94 | 23.6 | 0.0 | ENE | 0.00 | 14.5 | ENE | 24.6 | 26.8 | 26.8 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 3:00 | 24.2 | 24.4 | 23.9 | 94 | 23.2 | 1.6 | E | 1.61 | 12.9 | ENE | 24.2 | 26.3 | 26.3 | 753.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 4:00 | 24.5 | 24.7 | 24.2 | 94 | 23.5 | 6.4 | E | 6.44 | 16.1 | ENE | 24.5 | 26.7 | 26.7 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 5:00 | 24.1 | 24.5 | 23.8 | 97 | 23.5 | 1.6 | ENE | 1.61 | 12.9 | ENE | 24.1 | 26.1 | 26.1 | 753.7 | 0.0 | 0.0 | 2 | 0.17 | 21 | 0.0 |
| 11/12/09 | 6:00 | 24.7 | 25.7 | 24.1 | 92 | 23.3 | 4.8 | E | 4.83 | 14.5 | E | 24.7 | 26.9 | 26.9 | 754.2 | 0.0 | 0.0 | 76 | 6.54 | 255 | 0.1 |
| 11/12/09 | 7:00 | 25.9 | 26.2 | 25.7 | 89 | 24.0 | 11.3 | E | 11.27 | 24.1 | E | 25.9 | 28.8 | 27.9 | 754.3 | 0.0 | 0.0 | 147 | 12.64 | 290 | 0.5 |
| 11/12/09 | 8:00 | 25.9 | 26.2 | 25.5 | 86 | 23.4 | 12.9 | ENE | 12.87 | 22.5 | ENE | 25.9 | 28.4 | 27.3 | 754.6 | 0.0 | 0.0 | 158 | 13.59 | 294 | 1.0 |
| 11/12/09 | 9:00 | 27.0 | 27.3 | 26.2 | 82 | 23.7 | 11.3 | ENE | 11.27 | 22.5 | ENE | 27.0 | 30.2 | 29.4 | 754.3 | 0.0 | 0.0 | 344 | 29.59 | 853 | 2.4 |
| 11/12/09 | 10:00 | 28.8 | 29.8 | 27.3 | 76 | 24.1 | 11.3 | NE | 11.27 | 24.1 | NE | 28.8 | 33.6 | 33.0 | 753.8 | 0.0 | 0.0 | 482 | 41.46 | 843 | 3.9 |
| 11/12/09 | 11:00 | 30.1 | 31.2 | 29.3 | 67 | 23.3 | 14.5 | ENE | 14.48 | 27.4 | NE | 30.1 | 34.5 | 33.7 | 752.9 | 0.0 | 0.0 | 549 | 47.22 | 1089 | 4.6 |
| 11/12/09 | 12:00 | 30.2 | 31.3 | 26.6 | 83 | 27.0 | 12.9 | ENE | 12.87 | 25.7 | NE | 30.2 | 38.7 | 38.1 | 752.0 | 0.6 | 17.2 | 391 | 33.63 | 954 | 3.6 |
| 11/12/09 | 13:00 | 28.1 | 30.7 | 25.9 | 84 | 25.2 | 1.6 | NE | 1.61 | 20.9 | SE | 28.1 | 33.2 | 33.2 | 751.0 | 2.0 | 91.4 | 444 | 38.19 | 892 | 3.5 |
| 11/12/09 | 14:00 | 26.8 | 29.1 | 25.3 | 80 | 23.0 | 6.4 | E | 6.44 | 33.8 | NE | 26.8 | 29.6 | 29.6 | 750.9 | 5.4 | 97.6 | 273 | 23.48 | 475 | 2.1 |
| 11/12/09 | 15:00 | 27.3 | 29.7 | 26.1 | 87 | 25.0 | 6.4 | E | 6.44 | 22.5 | NW | 27.3 | 31.6 | 31.6 | 750.6 | 0.0 | 0.0 | 152 | 13.07 | 466 | 1.0 |
| 11/12/09 | 16:00 | 25.1 | 26.6 | 24.5 | 89 | 23.2 | 8.0 | N | 8.05 | 27.4 | NE | 25.1 | 27.2 | 26.8 | 751.5 | 3.2 | 64.8 | 82 | 7.05 | 151 | 0.4 |
| 11/12/09 | 17:00 | 23.8 | 24.5 | 23.3 | 93 | 22.6 | 1.6 | N | 1.61 | 16.1 | NW | 23.8 | 25.7 | 25.7 | 751.6 | 0.2 | 0.0 | 12 | 1.03 | 21 | 0.0 |
| 11/12/09 | 18:00 | 23.5 | 24.1 | 23.3 | 93 | 22.3 | 0.0 | E | 0.00 | 1.6 | E | 23.5 | 25.2 | 25.2 | 751.9 | 0.0 | 0.0 | 7 | 0.60 | 11 | 0.0 |
| 11/12/09 | 19:00 | 24.2 | 24.5 | 24.1 | 91 | 22.7 | 0.0 | E | 0.00 | 9.7 | E | 24.2 | 26.2 | 26.2 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 20:00 | 24.4 | 24.6 | 24.2 | 93 | 23.2 | 0.0 | E | 0.00 | 1.6 | E | 24.4 | 26.6 | 26.6 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 21:00 | 24.3 | 24.5 | 24.2 | 95 | 23.5 | 3.2 | ENE | 3.22 | 12.9 | NE | 24.3 | 26.5 | 26.5 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 22:00 | 24.6 | 24.6 | 24.5 | 94 | 23.5 | 3.2 | ENE | 3.22 | 14.5 | ENE | 24.6 | 26.8 | 26.8 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/12/09 | 23:00 | 24.3 | 24.5 | 24.2 | 96 | 23.7 | 8.0 | ENE | 8.05 | 16.1 | ENE | 24.3 | 26.6 | 26.1 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 00:00 | 23.8 | 24.2 | 23.6 | 96 | 23.2 | 1.6 | NE | 1.61 | 12.9 | NE | 23.8 | 25.8 | 25.8 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 12/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 12/12/09 | 1:00 | 23.6 | 23.7 | 23.4 | 97 | 23.1 | 4.8 | ENE | 4.83 | 16.1 | ENE | 23.6 | 25.5 | 25.5 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 2:00 | 23.3 | 23.4 | 23.2 | 95 | 22.4 | 4.8 | ENE | 4.83 | 14.5 | NE | 23.3 | 24.9 | 24.9 | 751.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 3:00 | 23.0 | 23.2 | 22.8 | 96 | 22.3 | 0.0 | ENE | 0.00 | 1.6 | ENE | 23.0 | 24.7 | 24.7 | 751.0 | 1.2 | 11.2 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 4:00 | 22.7 | 22.8 | 22.5 | 98 | 22.3 | 6.4 | ENE | 6.44 | 14.5 | NE | 22.7 | 24.4 | 24.4 | 751.6 | 2.2 | 9.8 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 5:00 | 22.6 | 22.6 | 22.5 | 99 | 22.4 | 4.8 | NE | 4.83 | 14.5 | NE | 22.6 | 24.4 | 24.4 | 751.7 | 2.0 | 5.6 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 6:00 | 22.7 | 22.9 | 22.6 | 99 | 22.6 | 3.2 | ENE | 3.22 | 16.1 | N | 22.7 | 24.6 | 24.6 | 752.3 | 1.4 | 29.0 | 16 | 1.38 | 30 | 0.0 |
| 12/12/09 | 7:00 | 22.7 | 22.9 | 22.3 | 99 | 22.5 | 6.4 | N | 6.44 | 22.5 | NNW | 22.7 | 24.6 | 24.6 | 752.5 | 3.2 | 21.4 | 7 | 0.60 | 14 | 0.0 |
| 12/12/09 | 8:00 | 22.6 | 22.9 | 22.4 | 98 | 22.2 | 3.2 | N | 3.22 | 24.1 | N | 22.6 | 24.3 | 24.3 | 752.6 | 0.8 | 1.4 | 36 | 3.10 | 76 | 0.1 |
| 12/12/09 | 9:00 | 23.3 | 23.7 | 22.9 | 96 | 22.6 | 0.0 | NW | 0.00 | 11.3 | WNW | 23.3 | 25.0 | 25.0 | 752.5 | 0.4 | 0.8 | 109 | 9.38 | 190 | 0.8 |
| 12/12/09 | 10:00 | 23.2 | 23.4 | 22.9 | 95 | 22.3 | 3.2 | NW | 3.22 | 16.1 | NW | 23.2 | 24.8 | 24.8 | 752.5 | 0.4 | 0.0 | 118 | 10.15 | 190 | 0.9 |
| 12/12/09 | 11:00 | 24.1 | 24.6 | 23.3 | 88 | 21.9 | 9.7 | NW | 9.66 | 20.9 | NW | 24.1 | 25.8 | 25.0 | 752.5 | 0.2 | 0.0 | 242 | 20.81 | 370 | 1.8 |
| 12/12/09 | 12:00 | 24.9 | 25.6 | 24.2 | 84 | 22.1 | 12.9 | NNW | 12.87 | 24.1 | NW | 24.9 | 26.9 | 25.6 | 752.1 | 0.4 | 0.0 | 261 | 22.45 | 373 | 1.9 |
| 12/12/09 | 13:00 | 25.6 | 26.2 | 23.9 | 92 | 24.2 | 17.7 | NW | 17.70 | 33.8 | WNW | 25.6 | 28.3 | 26.5 | 751.9 | 0.2 | 0.0 | 322 | 27.70 | 477 | 2.4 |
| 12/12/09 | 14:00 | 23.4 | 24.1 | 23.1 | 94 | 22.4 | 14.5 | W | 14.48 | 33.8 | WNW | 23.4 | 25.1 | 23.3 | 751.8 | 11.2 | 29.0 | 182 | 15.65 | 283 | 1.3 |
| 12/12/09 | 15:00 | 23.9 | 24.4 | 23.3 | 88 | 21.8 | 6.4 | WSW | 6.44 | 24.1 | SW | 23.9 | 25.6 | 25.6 | 751.1 | 3.2 | 16.6 | 227 | 19.52 | 329 | 1.3 |
| 12/12/09 | 16:00 | 25.3 | 26.2 | 24.4 | 91 | 23.8 | 4.8 | WNW | 4.83 | 16.1 | W | 25.3 | 27.8 | 27.8 | 751.0 | 0.6 | 15.6 | 195 | 16.77 | 324 | 0.9 |
| 12/12/09 | 17:00 | 25.5 | 26.0 | 24.8 | 79 | 21.6 | 12.9 | WSW | 12.87 | 29.0 | W | 25.5 | 27.4 | 26.2 | 751.5 | 0.0 | 0.0 | 164 | 14.11 | 362 | 0.5 |
| 12/12/09 | 18:00 | 24.7 | 25.6 | 23.8 | 84 | 21.8 | 4.8 | SW | 4.83 | 22.5 | SW | 24.7 | 26.6 | 26.6 | 752.1 | 0.0 | 0.0 | 42 | 3.61 | 107 | 0.0 |
| 12/12/09 | 19:00 | 23.1 | 23.8 | 22.6 | 90 | 21.4 | 0.0 | WSW | 0.00 | 6.4 | WSW | 23.1 | 24.3 | 24.3 | 752.8 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 12/12/09 | 20:00 | 22.2 | 22.6 | 21.4 | 93 | 21.0 | 0.0 | --- | 0.00 | 0.0 | --- | 22.2 | 23.4 | 23.4 | 753.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 21:00 | 21.3 | 21.6 | 21.3 | 92 | 20.0 | 0.0 | WNW | 0.00 | 6.4 | WNW | 21.3 | 22.6 | 22.6 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 22:00 | 21.1 | 21.3 | 20.8 | 92 | 19.7 | 1.6 | W | 1.61 | 14.5 | WNW | 21.1 | 22.2 | 22.2 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/12/09 | 23:00 | 20.4 | 20.8 | 20.1 | 94 | 19.4 | 6.4 | W | 6.44 | 17.7 | WNW | 20.4 | 21.6 | 21.5 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 00:00 | 20.0 | 20.1 | 19.9 | 94 | 19.0 | 6.4 | WSW | 6.44 | 16.1 | WSW | 20.0 | 21.0 | 20.9 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 13/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 13/12/09 | 1:00 | 19.4 | 19.9 | 19.1 | 94 | 18.5 | 3.2 | WSW | 3.22 | 12.9 | WSW | 19.4 | 20.2 | 20.2 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 2:00 | 18.9 | 19.1 | 18.6 | 95 | 18.1 | 1.6 | WSW | 1.61 | 12.9 | WSW | 18.9 | 19.5 | 19.5 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 3:00 | 18.3 | 18.6 | 18.2 | 97 | 17.8 | 0.0 | WSW | 0.00 | 9.7 | WSW | 18.3 | 18.9 | 18.9 | 753.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 4:00 | 18.1 | 18.2 | 17.9 | 97 | 17.6 | 0.0 | W | 0.00 | 11.3 | W | 18.1 | 18.6 | 18.6 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 5:00 | 17.7 | 17.9 | 17.5 | 97 | 17.2 | 0.0 | WSW | 0.00 | 3.2 | WSW | 17.7 | 18.2 | 18.2 | 753.9 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 13/12/09 | 6:00 | 18.2 | 19.2 | 17.5 | 93 | 17.1 | 3.2 | WSW | 3.22 | 16.1 | WSW | 18.2 | 18.8 | 18.8 | 754.3 | 0.0 | 0.0 | 100 | 8.60 | 206 | 0.1 |
| 13/12/09 | 7:00 | 19.9 | 20.9 | 19.2 | 84 | 17.2 | 12.9 | WSW | 12.87 | 24.1 | WSW | 19.9 | 20.9 | 19.0 | 754.6 | 0.0 | 0.0 | 273 | 23.48 | 419 | 0.7 |
| 13/12/09 | 8:00 | 21.7 | 22.6 | 20.9 | 77 | 17.5 | 12.9 | SW | 12.87 | 24.1 | WSW | 21.7 | 22.4 | 20.7 | 754.6 | 0.0 | 0.0 | 467 | 40.17 | 544 | 1.6 |
| 13/12/09 | 9:00 | 23.1 | 23.6 | 22.6 | 75 | 18.4 | 9.7 | SW | 9.66 | 20.9 | SW | 23.1 | 24.1 | 23.1 | 754.7 | 0.0 | 0.0 | 606 | 52.12 | 684 | 2.9 |
| 13/12/09 | 10:00 | 24.1 | 24.6 | 23.6 | 72 | 18.7 | 9.7 | SSW | 9.66 | 20.9 | SW | 24.1 | 25.2 | 24.3 | 754.7 | 0.0 | 0.0 | 736 | 63.30 | 792 | 4.4 |
| 13/12/09 | 11:00 | 25.1 | 25.6 | 24.5 | 69 | 19.0 | 6.4 | SSW | 6.44 | 20.9 | SSW | 25.1 | 25.9 | 25.9 | 754.3 | 0.0 | 0.0 | 810 | 69.67 | 830 | 5.6 |
| 13/12/09 | 12:00 | 26.2 | 26.6 | 25.7 | 70 | 20.3 | 8.0 | SSW | 8.05 | 20.9 | SSW | 26.2 | 27.3 | 27.0 | 753.9 | 0.0 | 0.0 | 826 | 71.05 | 830 | 5.9 |
| 13/12/09 | 13:00 | 27.1 | 27.6 | 26.6 | 65 | 19.9 | 6.4 | SSW | 6.44 | 17.7 | SSW | 27.1 | 28.6 | 28.6 | 753.4 | 0.0 | 0.0 | 798 | 68.64 | 822 | 5.4 |
| 13/12/09 | 14:00 | 27.8 | 28.1 | 27.6 | 60 | 19.4 | 4.8 | SSW | 4.83 | 20.9 | SSW | 27.8 | 28.9 | 28.9 | 752.7 | 0.0 | 0.0 | 714 | 61.41 | 764 | 4.2 |
| 13/12/09 | 15:00 | 28.1 | 28.3 | 27.9 | 57 | 18.8 | 4.8 | SW | 4.83 | 20.9 | SSW | 28.1 | 29.2 | 29.2 | 752.1 | 0.0 | 0.0 | 595 | 51.18 | 656 | 2.8 |
| 13/12/09 | 16:00 | 28.3 | 28.6 | 28.1 | 59 | 19.5 | 1.6 | SSW | 1.61 | 12.9 | S | 28.3 | 29.6 | 29.6 | 751.6 | 0.0 | 0.0 | 425 | 36.55 | 523 | 1.4 |
| 13/12/09 | 17:00 | 28.1 | 28.2 | 27.9 | 61 | 19.8 | 1.6 | SW | 1.61 | 12.9 | SW | 28.1 | 29.4 | 29.4 | 751.5 | 0.0 | 0.0 | 210 | 18.06 | 334 | 0.5 |
| 13/12/09 | 18:00 | 27.5 | 28.0 | 26.2 | 69 | 21.3 | 0.0 | SW | 0.00 | 9.7 | SW | 27.5 | 29.8 | 29.8 | 751.7 | 0.0 | 0.0 | 70 | 6.02 | 139 | 0.1 |
| 13/12/09 | 19:00 | 24.3 | 26.2 | 22.8 | 82 | 21.0 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 25.7 | 25.7 | 752.2 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 13/12/09 | 20:00 | 22.3 | 22.8 | 21.6 | 88 | 20.2 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 23.3 | 23.3 | 752.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 21:00 | 21.3 | 21.7 | 20.9 | 91 | 19.7 | 0.0 | --- | 0.00 | 0.0 | --- | 21.3 | 22.4 | 22.4 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 22:00 | 20.6 | 20.9 | 20.3 | 95 | 19.7 | 0.0 | --- | 0.00 | 0.0 | --- | 20.6 | 21.8 | 21.8 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/12/09 | 23:00 | 20.1 | 20.5 | 19.5 | 94 | 19.1 | 0.0 | --- | 0.00 | 0.0 | --- | 20.1 | 21.2 | 21.2 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 00:00 | 19.3 | 19.5 | 19.1 | 96 | 18.6 | 0.0 | --- | 0.00 | 0.0 | --- | 19.3 | 20.0 | 20.0 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 14/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 14/12/09 | 1:00 | 19.0 | 19.1 | 18.9 | 97 | 18.5 | 0.0 | --- | 0.00 | 0.0 | --- | 19.0 | 19.7 | 19.7 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 2:00 | 18.7 | 18.9 | 18.6 | 98 | 18.4 | 0.0 | --- | 0.00 | 0.0 | --- | 18.7 | 19.4 | 19.4 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 3:00 | 18.4 | 18.7 | 18.2 | 99 | 18.3 | 0.0 | --- | 0.00 | 0.0 | --- | 18.4 | 19.1 | 19.1 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 4:00 | 18.1 | 18.2 | 17.9 | 99 | 17.9 | 0.0 | --- | 0.00 | 0.0 | --- | 18.1 | 18.6 | 18.6 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 5:00 | 17.8 | 18.1 | 17.6 | 99 | 17.7 | 0.0 | --- | 0.00 | 0.0 | --- | 17.8 | 18.3 | 18.3 | 753.4 | 0.0 | 0.0 | 1 | 0.09 | 12 | 0.0 |
| 14/12/09 | 6:00 | 19.2 | 21.1 | 17.8 | 100 | 19.2 | 0.0 | --- | 0.00 | 0.0 | --- | 19.2 | 19.9 | 19.9 | 754.2 | 0.0 | 0.0 | 103 | 8.86 | 183 | 0.1 |
| 14/12/09 | 7:00 | 22.9 | 23.8 | 21.1 | 88 | 20.8 | 9.7 | E | 9.66 | 17.7 | E | 22.9 | 23.9 | 23.0 | 754.8 | 0.0 | 0.0 | 215 | 18.49 | 457 | 0.6 |
| 14/12/09 | 8:00 | 24.5 | 25.3 | 23.8 | 84 | 21.6 | 11.3 | E | 11.27 | 20.9 | ESE | 24.5 | 26.2 | 25.2 | 755.3 | 0.0 | 0.0 | 241 | 20.73 | 633 | 1.3 |
| 14/12/09 | 9:00 | 25.7 | 26.0 | 25.2 | 77 | 21.3 | 14.5 | E | 14.48 | 25.7 | ENE | 25.7 | 27.4 | 26.0 | 755.6 | 0.0 | 0.0 | 652 | 56.08 | 788 | 3.0 |
| 14/12/09 | 10:00 | 26.4 | 26.8 | 26.0 | 76 | 21.8 | 12.9 | E | 12.87 | 22.5 | ESE | 26.4 | 28.4 | 27.3 | 755.8 | 0.0 | 0.0 | 796 | 68.46 | 862 | 4.4 |
| 14/12/09 | 11:00 | 27.4 | 27.8 | 26.8 | 72 | 21.9 | 9.7 | E | 9.66 | 20.9 | E | 27.4 | 30.0 | 29.4 | 755.7 | 0.0 | 0.0 | 815 | 70.10 | 1075 | 5.4 |
| 14/12/09 | 12:00 | 27.9 | 28.6 | 27.6 | 71 | 22.1 | 9.7 | ESE | 9.66 | 20.9 | SE | 27.9 | 30.9 | 30.4 | 755.2 | 0.0 | 0.0 | 646 | 55.56 | 992 | 5.2 |
| 14/12/09 | 13:00 | 28.9 | 29.3 | 28.6 | 67 | 22.1 | 8.0 | ESE | 8.05 | 16.1 | ESE | 28.9 | 32.2 | 31.9 | 754.7 | 0.0 | 0.0 | 776 | 66.74 | 802 | 5.6 |
| 14/12/09 | 14:00 | 29.8 | 30.6 | 29.2 | 59 | 20.9 | 3.2 | SE | 3.22 | 14.5 | ESE | 29.8 | 32.4 | 32.4 | 754.2 | 0.0 | 0.0 | 703 | 60.47 | 744 | 4.4 |
| 14/12/09 | 15:00 | 30.9 | 31.2 | 30.4 | 57 | 21.4 | 0.0 | ESE | 0.00 | 11.3 | SE | 30.9 | 34.2 | 34.2 | 753.6 | 0.0 | 0.0 | 575 | 49.46 | 669 | 2.9 |
| 14/12/09 | 16:00 | 30.9 | 31.2 | 30.8 | 60 | 22.3 | 3.2 | SSW | 3.22 | 12.9 | SSW | 30.9 | 34.9 | 34.9 | 753.3 | 0.0 | 0.0 | 414 | 35.61 | 498 | 1.5 |
| 14/12/09 | 17:00 | 30.7 | 31.0 | 30.4 | 59 | 21.8 | 1.6 | S | 1.61 | 12.9 | SSW | 30.7 | 34.2 | 34.2 | 753.3 | 0.0 | 0.0 | 196 | 16.86 | 329 | 0.6 |
| 14/12/09 | 18:00 | 30.0 | 30.6 | 29.1 | 66 | 23.0 | 3.2 | S | 3.22 | 14.5 | SSE | 30.0 | 34.2 | 34.2 | 753.7 | 0.0 | 0.0 | 60 | 5.16 | 141 | 0.1 |
| 14/12/09 | 19:00 | 28.4 | 29.1 | 27.9 | 71 | 22.6 | 0.0 | SSE | 0.00 | 1.6 | SSE | 28.4 | 31.9 | 31.9 | 754.2 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 14/12/09 | 20:00 | 27.9 | 28.1 | 27.7 | 72 | 22.4 | 0.0 | ESE | 0.00 | 11.3 | ESE | 27.9 | 31.0 | 31.0 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 21:00 | 26.7 | 27.7 | 25.6 | 77 | 22.4 | 1.6 | ESE | 1.61 | 14.5 | SE | 26.7 | 29.2 | 29.2 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 22:00 | 26.0 | 26.6 | 24.9 | 84 | 23.1 | 1.6 | E | 1.61 | 12.9 | E | 26.0 | 28.4 | 28.4 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/12/09 | 23:00 | 23.8 | 24.9 | 23.1 | 92 | 22.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.7 | 25.7 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 00:00 | 22.7 | 23.1 | 22.5 | 95 | 21.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.7 | 24.2 | 24.2 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 15/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 15/12/09 | 1:00 | 22.1 | 22.5 | 21.6 | 97 | 21.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.1 | 23.8 | 23.8 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 2:00 | 21.7 | 22.0 | 21.3 | 98 | 21.3 | 0.0 | --- | 0.00 | 0.0 | --- | 21.7 | 23.4 | 23.4 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 3:00 | 21.6 | 22.1 | 20.8 | 98 | 21.3 | 0.0 | --- | 0.00 | 0.0 | --- | 21.6 | 23.4 | 23.4 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 4:00 | 20.9 | 21.3 | 20.7 | 99 | 20.8 | 0.0 | --- | 0.00 | 0.0 | --- | 20.9 | 22.7 | 22.7 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 5:00 | 21.3 | 21.8 | 21.0 | 99 | 21.2 | 0.0 | --- | 0.00 | 0.0 | --- | 21.3 | 23.2 | 23.2 | 755.3 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 15/12/09 | 6:00 | 22.9 | 24.4 | 21.0 | 86 | 20.4 | 0.0 | --- | 0.00 | 0.0 | --- | 22.9 | 23.9 | 23.9 | 756.0 | 0.0 | 0.0 | 84 | 7.22 | 160 | 0.1 |
| 15/12/09 | 7:00 | 24.6 | 25.5 | 24.2 | 84 | 21.7 | 4.8 | SE | 4.83 | 16.1 | SE | 24.6 | 26.4 | 26.4 | 756.2 | 0.0 | 0.0 | 190 | 16.34 | 422 | 0.6 |
| 15/12/09 | 8:00 | 26.1 | 26.6 | 25.5 | 82 | 22.8 | 8.0 | ESE | 8.05 | 16.1 | ESE | 26.1 | 28.4 | 28.1 | 756.2 | 0.0 | 0.0 | 398 | 34.23 | 663 | 1.5 |
| 15/12/09 | 9:00 | 27.1 | 27.8 | 26.6 | 76 | 22.5 | 9.7 | E | 9.66 | 20.9 | ENE | 27.1 | 29.8 | 29.2 | 756.0 | 0.0 | 0.0 | 534 | 45.93 | 764 | 2.7 |
| 15/12/09 | 10:00 | 28.3 | 28.6 | 27.8 | 74 | 23.2 | 9.7 | E | 9.66 | 20.9 | SE | 28.3 | 32.1 | 31.5 | 755.7 | 0.0 | 0.0 | 712 | 61.24 | 841 | 4.5 |
| 15/12/09 | 11:00 | 29.2 | 29.6 | 28.6 | 68 | 22.7 | 11.3 | E | 11.27 | 20.9 | ENE | 29.2 | 32.9 | 32.3 | 755.4 | 0.0 | 0.0 | 782 | 67.26 | 799 | 5.7 |
| 15/12/09 | 12:00 | 29.8 | 30.3 | 29.4 | 66 | 22.8 | 12.9 | E | 12.87 | 22.5 | ENE | 29.8 | 33.9 | 33.2 | 755.0 | 0.0 | 0.0 | 800 | 68.81 | 804 | 6.1 |
| 15/12/09 | 13:00 | 30.6 | 31.1 | 30.3 | 65 | 23.3 | 9.7 | E | 9.66 | 20.9 | ENE | 30.6 | 35.2 | 34.9 | 754.5 | 0.0 | 0.0 | 772 | 66.40 | 794 | 5.6 |
| 15/12/09 | 14:00 | 31.2 | 31.2 | 31.0 | 58 | 21.9 | 8.0 | E | 8.05 | 16.1 | E | 31.2 | 34.9 | 34.8 | 753.6 | 0.0 | 0.0 | 692 | 59.52 | 741 | 4.4 |
| 15/12/09 | 15:00 | 31.6 | 31.8 | 31.2 | 58 | 22.3 | 4.8 | E | 4.83 | 14.5 | ENE | 31.6 | 35.7 | 35.7 | 752.9 | 0.0 | 0.0 | 568 | 48.85 | 635 | 2.9 |
| 15/12/09 | 16:00 | 31.8 | 32.1 | 31.7 | 59 | 22.8 | 1.6 | SSW | 1.61 | 14.5 | SSW | 31.8 | 36.3 | 36.3 | 752.4 | 0.0 | 0.0 | 414 | 35.61 | 494 | 1.5 |
| 15/12/09 | 17:00 | 31.7 | 32.1 | 31.4 | 62 | 23.5 | 0.0 | SSW | 0.00 | 11.3 | SSW | 31.7 | 37.0 | 37.0 | 752.2 | 0.0 | 0.0 | 209 | 17.98 | 327 | 0.6 |
| 15/12/09 | 18:00 | 31.4 | 32.2 | 29.9 | 67 | 24.6 | 0.0 | E | 0.00 | 1.6 | E | 31.4 | 37.6 | 37.6 | 752.5 | 0.0 | 0.0 | 79 | 6.79 | 146 | 0.0 |
| 15/12/09 | 19:00 | 29.4 | 30.1 | 28.8 | 76 | 24.7 | 0.0 | --- | 0.00 | 0.0 | --- | 29.4 | 34.9 | 34.9 | 753.0 | 0.0 | 0.0 | 2 | 0.17 | 14 | 0.0 |
| 15/12/09 | 20:00 | 29.1 | 29.4 | 28.7 | 76 | 24.4 | 3.2 | ESE | 3.22 | 12.9 | ESE | 29.1 | 34.3 | 34.3 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 21:00 | 28.7 | 28.9 | 28.4 | 73 | 23.4 | 6.4 | ESE | 6.44 | 20.9 | E | 28.7 | 32.9 | 32.9 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 22:00 | 28.1 | 28.4 | 27.8 | 76 | 23.4 | 6.4 | ESE | 6.44 | 14.5 | ESE | 28.1 | 31.8 | 31.8 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/12/09 | 23:00 | 27.6 | 27.8 | 27.3 | 78 | 23.4 | 4.8 | ESE | 4.83 | 16.1 | SE | 27.6 | 31.0 | 31.0 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 00:00 | 27.1 | 27.3 | 26.7 | 81 | 23.5 | 0.0 | --- | 0.00 | 0.0 | --- | 27.1 | 30.2 | 30.2 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 16/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 16/12/09 | 1:00 | 25.5 | 26.7 | 24.2 | 93 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 25.5 | 28.3 | 28.3 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 2:00 | 24.5 | 24.9 | 24.1 | 92 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 24.5 | 26.6 | 26.6 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 3:00 | 25.1 | 25.5 | 24.6 | 90 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 25.1 | 27.2 | 27.2 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 4:00 | 24.5 | 25.2 | 24.2 | 93 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.5 | 26.7 | 26.7 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 5:00 | 23.7 | 24.2 | 23.6 | 94 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.6 | 25.6 | 754.7 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 16/12/09 | 6:00 | 24.6 | 25.9 | 23.6 | 88 | 22.5 | 1.6 | ENE | 1.61 | 11.3 | NE | 24.6 | 26.6 | 26.6 | 755.4 | 0.0 | 0.0 | 87 | 7.48 | 176 | 0.1 |
| 16/12/09 | 7:00 | 26.9 | 27.8 | 25.9 | 79 | 23.0 | 8.0 | E | 8.05 | 14.5 | ESE | 26.9 | 29.8 | 29.5 | 755.9 | 0.0 | 0.0 | 238 | 20.47 | 405 | 0.6 |
| 16/12/09 | 8:00 | 28.2 | 28.7 | 27.6 | 75 | 23.4 | 9.7 | E | 9.66 | 17.7 | ENE | 28.2 | 32.1 | 31.5 | 755.9 | 0.0 | 0.0 | 453 | 38.96 | 565 | 1.6 |
| 16/12/09 | 9:00 | 28.9 | 29.5 | 28.2 | 73 | 23.6 | 11.3 | E | 11.27 | 20.9 | ENE | 28.9 | 33.3 | 32.7 | 756.0 | 0.0 | 0.0 | 602 | 51.78 | 714 | 2.9 |
| 16/12/09 | 10:00 | 29.8 | 30.3 | 29.5 | 73 | 24.5 | 11.3 | ESE | 11.27 | 20.9 | SE | 29.8 | 35.3 | 34.7 | 755.8 | 0.0 | 0.0 | 769 | 66.14 | 846 | 4.5 |
| 16/12/09 | 11:00 | 30.5 | 30.8 | 30.3 | 72 | 24.9 | 11.3 | ESE | 11.27 | 17.7 | E | 30.5 | 36.5 | 36.0 | 755.3 | 0.0 | 0.0 | 815 | 70.10 | 936 | 5.4 |
| 16/12/09 | 12:00 | 31.1 | 31.3 | 30.7 | 68 | 24.5 | 8.0 | SE | 8.05 | 16.1 | SE | 31.1 | 36.9 | 36.7 | 754.0 | 0.0 | 0.0 | 817 | 70.27 | 933 | 5.5 |
| 16/12/09 | 13:00 | 31.6 | 31.9 | 31.2 | 67 | 24.7 | 9.7 | SE | 9.66 | 20.9 | SE | 31.6 | 37.9 | 37.6 | 753.7 | 0.0 | 0.0 | 736 | 63.30 | 926 | 4.8 |
| 16/12/09 | 14:00 | 26.9 | 31.2 | 24.1 | 93 | 25.7 | 14.5 | NE | 14.48 | 35.4 | E | 26.9 | 31.4 | 30.2 | 752.7 | 0.2 | 0.0 | 133 | 11.44 | 509 | 1.3 |
| 16/12/09 | 15:00 | 25.8 | 26.6 | 24.1 | 82 | 22.5 | 8.0 | NE | 8.05 | 17.7 | ENE | 25.8 | 27.9 | 27.6 | 753.2 | 0.0 | 0.0 | 271 | 23.31 | 765 | 1.6 |
| 16/12/09 | 16:00 | 25.0 | 25.5 | 24.6 | 84 | 22.1 | 8.0 | NE | 8.05 | 27.4 | NE | 25.0 | 27.0 | 26.6 | 753.7 | 0.0 | 0.0 | 96 | 8.26 | 276 | 0.4 |
| 16/12/09 | 17:00 | 25.3 | 25.6 | 24.8 | 86 | 22.8 | 8.0 | NE | 8.05 | 24.1 | NE | 25.3 | 27.6 | 27.2 | 753.4 | 0.0 | 0.0 | 112 | 9.63 | 197 | 0.3 |
| 16/12/09 | 18:00 | 24.3 | 24.8 | 23.8 | 91 | 22.8 | 3.2 | ENE | 3.22 | 16.1 | NE | 24.3 | 26.3 | 26.3 | 753.7 | 0.0 | 0.0 | 25 | 2.15 | 40 | 0.0 |
| 16/12/09 | 19:00 | 23.2 | 23.8 | 22.8 | 94 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 24.7 | 24.7 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 20:00 | 22.6 | 22.8 | 22.4 | 94 | 21.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.6 | 24.0 | 24.0 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 21:00 | 22.4 | 23.3 | 22.2 | 89 | 20.5 | 4.8 | SW | 4.83 | 25.7 | SSW | 22.4 | 23.4 | 23.4 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 22:00 | 24.4 | 25.1 | 23.3 | 83 | 21.3 | 8.0 | SW | 8.05 | 22.5 | SSW | 24.4 | 25.9 | 25.5 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/12/09 | 23:00 | 24.9 | 25.1 | 24.8 | 86 | 22.4 | 1.6 | SE | 1.61 | 16.1 | SE | 24.9 | 26.9 | 26.9 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 00:00 | 24.2 | 24.9 | 22.8 | 93 | 23.0 | 1.6 | SE | 1.61 | 14.5 | SE | 24.2 | 26.2 | 26.2 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 17/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 17/12/09 | 1:00 | 22.3 | 22.8 | 22.1 | 96 | 21.6 | 3.2 | W | 3.22 | 16.1 | W | 22.3 | 23.9 | 23.9 | 755.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 2:00 | 23.1 | 23.9 | 22.3 | 93 | 21.9 | 0.0 | SE | 0.00 | 1.6 | SE | 23.1 | 24.6 | 24.6 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 3:00 | 22.4 | 23.3 | 21.8 | 97 | 21.9 | 0.0 | N | 0.00 | 12.9 | ENE | 22.4 | 24.2 | 24.2 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 4:00 | 21.7 | 21.8 | 21.6 | 98 | 21.3 | 0.0 | --- | 0.00 | 0.0 | --- | 21.7 | 23.4 | 23.4 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 5:00 | 21.5 | 21.6 | 21.4 | 98 | 21.2 | 0.0 | --- | 0.00 | 0.0 | --- | 21.5 | 23.3 | 23.3 | 755.3 | 0.0 | 0.0 | 2 | 0.17 | 16 | 0.0 |
| 17/12/09 | 6:00 | 22.4 | 23.7 | 21.4 | 91 | 20.8 | 0.0 | ENE | 0.00 | 11.3 | ENE | 22.4 | 23.5 | 23.5 | 755.7 | 0.0 | 0.0 | 100 | 8.60 | 181 | 0.1 |
| 17/12/09 | 7:00 | 25.1 | 26.0 | 23.7 | 81 | 21.6 | 6.4 | ENE | 6.44 | 14.5 | ENE | 25.1 | 27.1 | 27.1 | 755.8 | 0.0 | 0.0 | 272 | 23.40 | 359 | 0.6 |
| 17/12/09 | 8:00 | 26.5 | 27.2 | 26.0 | 76 | 21.9 | 11.3 | ENE | 11.27 | 20.9 | NE | 26.5 | 28.6 | 27.8 | 756.0 | 0.0 | 0.0 | 433 | 37.24 | 514 | 1.5 |
| 17/12/09 | 9:00 | 27.8 | 28.6 | 27.2 | 72 | 22.3 | 11.3 | E | 11.27 | 20.9 | ESE | 27.8 | 30.8 | 30.1 | 756.1 | 0.0 | 0.0 | 597 | 51.35 | 691 | 2.9 |
| 17/12/09 | 10:00 | 29.2 | 29.5 | 28.4 | 69 | 22.9 | 11.3 | E | 11.27 | 22.5 | ENE | 29.2 | 33.1 | 32.5 | 755.9 | 0.0 | 0.0 | 693 | 59.61 | 818 | 4.2 |
| 17/12/09 | 11:00 | 29.3 | 29.8 | 28.9 | 69 | 23.1 | 11.3 | ESE | 11.27 | 22.5 | ESE | 29.3 | 33.4 | 32.9 | 755.5 | 0.0 | 0.0 | 525 | 45.16 | 985 | 3.9 |
| 17/12/09 | 12:00 | 29.2 | 29.5 | 28.8 | 74 | 24.1 | 11.3 | ESE | 11.27 | 24.1 | SE | 29.2 | 34.1 | 33.5 | 755.1 | 0.0 | 0.0 | 633 | 54.45 | 999 | 4.9 |
| 17/12/09 | 13:00 | 28.8 | 29.6 | 27.6 | 71 | 23.0 | 9.7 | SE | 9.66 | 25.7 | NW | 28.8 | 32.7 | 32.2 | 755.1 | 0.2 | 0.0 | 245 | 21.07 | 975 | 2.7 |
| 17/12/09 | 14:00 | 25.9 | 27.6 | 24.5 | 87 | 23.6 | 4.8 | ESE | 4.83 | 22.5 | ENE | 25.9 | 28.6 | 28.6 | 754.3 | 0.2 | 0.0 | 178 | 15.31 | 808 | 1.6 |
| 17/12/09 | 15:00 | 26.1 | 26.8 | 24.6 | 83 | 23.0 | 3.2 | E | 3.22 | 14.5 | ENE | 26.1 | 28.5 | 28.5 | 753.3 | 0.0 | 0.0 | 284 | 24.43 | 493 | 1.8 |
| 17/12/09 | 16:00 | 27.4 | 28.3 | 26.4 | 76 | 22.8 | 0.0 | ESE | 0.00 | 11.3 | E | 27.4 | 30.4 | 30.4 | 752.1 | 0.0 | 0.0 | 352 | 30.28 | 486 | 1.4 |
| 17/12/09 | 17:00 | 28.8 | 29.4 | 28.3 | 75 | 24.0 | 0.0 | ESE | 0.00 | 1.6 | ESE | 28.8 | 33.6 | 33.6 | 752.0 | 0.0 | 0.0 | 223 | 19.18 | 348 | 0.6 |
| 17/12/09 | 18:00 | 28.7 | 29.4 | 27.9 | 82 | 25.3 | 0.0 | --- | 0.00 | 0.0 | --- | 28.7 | 34.6 | 34.6 | 752.9 | 0.0 | 0.0 | 40 | 3.44 | 121 | 0.0 |
| 17/12/09 | 19:00 | 26.9 | 27.9 | 25.6 | 83 | 23.8 | 0.0 | NW | 0.00 | 11.3 | NW | 26.9 | 30.1 | 30.1 | 753.4 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 17/12/09 | 20:00 | 24.9 | 25.5 | 24.5 | 91 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 27.0 | 27.0 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 21:00 | 24.2 | 24.6 | 23.7 | 93 | 23.0 | 0.0 | NW | 0.00 | 1.6 | NW | 24.2 | 26.2 | 26.2 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 22:00 | 23.5 | 23.9 | 23.3 | 92 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.5 | 25.1 | 25.1 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/12/09 | 23:00 | 24.5 | 25.4 | 23.6 | 93 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.5 | 26.7 | 26.7 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 00:00 | 24.4 | 25.1 | 23.8 | 96 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 24.4 | 26.6 | 26.6 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 18/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 18/12/09 | 1:00 | 23.9 | 24.1 | 23.7 | 94 | 22.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 2:00 | 24.4 | 24.8 | 23.7 | 87 | 22.1 | 3.2 | SE | 3.22 | 14.5 | ESE | 24.4 | 26.3 | 26.3 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 3:00 | 24.7 | 24.8 | 24.4 | 88 | 22.6 | 6.4 | E | 6.44 | 14.5 | ESE | 24.7 | 26.7 | 26.7 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 4:00 | 24.7 | 24.8 | 24.5 | 87 | 22.4 | 4.8 | ESE | 4.83 | 14.5 | E | 24.7 | 26.6 | 26.6 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 5:00 | 24.0 | 24.6 | 22.7 | 94 | 23.0 | 3.2 | E | 3.22 | 12.9 | ENE | 24.0 | 26.0 | 26.0 | 755.6 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 18/12/09 | 6:00 | 23.3 | 25.0 | 22.5 | 88 | 21.2 | 0.0 | NE | 0.00 | 9.7 | NE | 23.3 | 24.6 | 24.6 | 756.2 | 0.0 | 0.0 | 97 | 8.34 | 185 | 0.1 |
| 18/12/09 | 7:00 | 26.1 | 26.6 | 25.0 | 81 | 22.5 | 8.0 | E | 8.05 | 16.1 | ESE | 26.1 | 28.3 | 27.9 | 756.5 | 0.0 | 0.0 | 264 | 22.71 | 362 | 0.6 |
| 18/12/09 | 8:00 | 27.1 | 27.8 | 26.6 | 77 | 22.7 | 11.3 | E | 11.27 | 17.7 | E | 27.1 | 29.8 | 29.0 | 757.1 | 0.0 | 0.0 | 447 | 38.45 | 554 | 1.6 |
| 18/12/09 | 9:00 | 28.1 | 28.4 | 27.7 | 79 | 24.1 | 9.7 | E | 9.66 | 16.1 | ENE | 28.1 | 32.2 | 31.6 | 757.2 | 0.0 | 0.0 | 572 | 49.20 | 677 | 2.8 |
| 18/12/09 | 10:00 | 28.6 | 28.9 | 28.2 | 76 | 23.9 | 8.0 | ESE | 8.05 | 17.7 | SE | 28.6 | 33.1 | 32.8 | 757.5 | 0.0 | 0.0 | 717 | 61.67 | 880 | 4.3 |
| 18/12/09 | 11:00 | 29.0 | 29.4 | 28.8 | 70 | 23.0 | 8.0 | ESE | 8.05 | 17.7 | SE | 29.0 | 33.0 | 32.8 | 757.2 | 0.0 | 0.0 | 787 | 67.69 | 855 | 5.5 |
| 18/12/09 | 12:00 | 29.5 | 29.9 | 29.2 | 70 | 23.5 | 9.7 | SE | 9.66 | 17.7 | SE | 29.5 | 34.0 | 33.6 | 756.8 | 0.0 | 0.0 | 784 | 67.43 | 827 | 5.7 |
| 18/12/09 | 13:00 | 30.2 | 30.6 | 29.7 | 67 | 23.4 | 8.0 | E | 8.05 | 17.7 | E | 30.2 | 34.8 | 34.6 | 756.0 | 0.0 | 0.0 | 757 | 65.11 | 781 | 5.3 |
| 18/12/09 | 14:00 | 30.9 | 31.4 | 30.6 | 58 | 21.7 | 8.0 | E | 8.05 | 16.1 | ENE | 30.9 | 34.5 | 34.3 | 755.2 | 0.0 | 0.0 | 692 | 59.52 | 737 | 4.3 |
| 18/12/09 | 15:00 | 31.6 | 31.7 | 31.3 | 59 | 22.6 | 6.4 | E | 6.44 | 16.1 | ESE | 31.6 | 35.9 | 35.9 | 754.3 | 0.0 | 0.0 | 589 | 50.66 | 648 | 2.9 |
| 18/12/09 | 16:00 | 30.1 | 31.6 | 28.9 | 64 | 22.5 | 8.0 | SE | 8.05 | 22.5 | N | 30.1 | 34.0 | 33.8 | 754.4 | 0.0 | 0.0 | 340 | 29.24 | 581 | 1.3 |
| 18/12/09 | 17:00 | 28.5 | 29.3 | 27.3 | 71 | 22.7 | 6.4 | SE | 6.44 | 22.5 | E | 28.5 | 32.2 | 32.2 | 754.7 | 0.0 | 0.0 | 187 | 16.08 | 362 | 0.5 |
| 18/12/09 | 18:00 | 27.3 | 27.6 | 26.9 | 70 | 21.3 | 8.0 | ESE | 8.05 | 25.7 | SE | 27.3 | 29.6 | 29.3 | 754.9 | 0.0 | 0.0 | 41 | 3.53 | 67 | 0.0 |
| 18/12/09 | 19:00 | 26.1 | 26.9 | 25.6 | 81 | 22.6 | 3.2 | SE | 3.22 | 16.1 | S | 26.1 | 28.3 | 28.3 | 755.2 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 18/12/09 | 20:00 | 26.0 | 26.2 | 25.6 | 80 | 22.3 | 0.0 | ESE | 0.00 | 11.3 | SE | 26.0 | 28.1 | 28.1 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 21:00 | 25.5 | 26.0 | 24.8 | 80 | 21.8 | 0.0 | S | 0.00 | 6.4 | S | 25.5 | 27.5 | 27.5 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 22:00 | 25.9 | 26.4 | 24.8 | 85 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 25.9 | 28.4 | 28.4 | 756.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/12/09 | 23:00 | 24.9 | 25.8 | 24.3 | 87 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 26.9 | 26.9 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 00:00 | 25.6 | 25.8 | 24.4 | 81 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.6 | 27.6 | 27.6 | 756.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 19/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 19/12/09 | 1:00 | 25.7 | 25.8 | 25.4 | 81 | 22.2 | 0.0 | --- | 0.00 | 0.0 | --- | 25.7 | 27.8 | 27.8 | 756.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 2:00 | 25.8 | 25.9 | 25.6 | 80 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.8 | 27.8 | 27.8 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 3:00 | 25.9 | 26.0 | 25.9 | 75 | 21.2 | 9.7 | E | 9.66 | 27.4 | ESE | 25.9 | 27.5 | 26.8 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 4:00 | 25.8 | 26.0 | 25.3 | 79 | 21.9 | 11.3 | E | 11.27 | 32.2 | E | 25.8 | 27.7 | 26.8 | 756.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 5:00 | 24.8 | 25.3 | 24.4 | 80 | 21.1 | 12.9 | ESE | 12.87 | 24.1 | SE | 24.8 | 26.7 | 25.4 | 757.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 6:00 | 24.6 | 25.0 | 24.3 | 78 | 20.5 | 9.7 | ESE | 9.66 | 22.5 | SE | 24.6 | 26.0 | 25.2 | 757.8 | 0.0 | 0.0 | 70 | 6.02 | 174 | 0.1 |
| 19/12/09 | 7:00 | 25.1 | 25.5 | 24.9 | 76 | 20.6 | 11.3 | ESE | 11.27 | 24.1 | SE | 25.1 | 26.7 | 25.7 | 758.5 | 0.0 | 0.0 | 256 | 22.02 | 338 | 0.6 |
| 19/12/09 | 8:00 | 26.0 | 26.4 | 25.4 | 72 | 20.6 | 9.7 | ESE | 9.66 | 22.5 | ESE | 26.0 | 27.3 | 26.6 | 758.4 | 0.0 | 0.0 | 415 | 35.69 | 505 | 1.4 |
| 19/12/09 | 9:00 | 27.1 | 27.3 | 26.4 | 69 | 20.9 | 11.3 | E | 11.27 | 24.1 | E | 27.1 | 29.0 | 28.2 | 758.2 | 0.0 | 0.0 | 577 | 49.63 | 642 | 2.8 |
| 19/12/09 | 10:00 | 27.6 | 28.0 | 27.3 | 68 | 21.2 | 14.5 | E | 14.48 | 27.4 | ENE | 27.6 | 29.9 | 28.8 | 758.0 | 0.0 | 0.0 | 695 | 59.78 | 741 | 4.2 |
| 19/12/09 | 11:00 | 28.3 | 28.7 | 27.8 | 70 | 22.3 | 11.3 | E | 11.27 | 24.1 | ENE | 28.3 | 31.7 | 31.0 | 757.6 | 0.0 | 0.0 | 766 | 65.88 | 785 | 5.2 |
| 19/12/09 | 12:00 | 29.1 | 29.6 | 28.6 | 68 | 22.5 | 9.7 | ESE | 9.66 | 20.9 | ENE | 29.1 | 32.7 | 32.3 | 757.0 | 0.0 | 0.0 | 787 | 67.69 | 790 | 5.7 |
| 19/12/09 | 13:00 | 29.9 | 30.1 | 29.6 | 67 | 23.1 | 8.0 | ESE | 8.05 | 20.9 | ESE | 29.9 | 34.2 | 33.9 | 756.5 | 0.0 | 0.0 | 762 | 65.54 | 785 | 5.3 |
| 19/12/09 | 14:00 | 30.4 | 30.8 | 29.9 | 64 | 22.9 | 8.0 | ESE | 8.05 | 16.1 | ESE | 30.4 | 34.7 | 34.5 | 755.5 | 0.0 | 0.0 | 687 | 59.09 | 732 | 4.2 |
| 19/12/09 | 15:00 | 31.0 | 31.1 | 30.8 | 63 | 23.1 | 6.4 | ESE | 6.44 | 16.1 | SE | 31.0 | 35.6 | 35.6 | 754.6 | 0.0 | 0.0 | 567 | 48.77 | 632 | 2.8 |
| 19/12/09 | 16:00 | 31.2 | 31.3 | 31.1 | 57 | 21.7 | 4.8 | E | 4.83 | 14.5 | E | 31.2 | 34.8 | 34.8 | 754.2 | 0.0 | 0.0 | 415 | 35.69 | 496 | 1.5 |
| 19/12/09 | 17:00 | 31.3 | 31.4 | 31.1 | 59 | 22.4 | 4.8 | ENE | 4.83 | 14.5 | ENE | 31.3 | 35.4 | 35.4 | 754.0 | 0.0 | 0.0 | 210 | 18.06 | 331 | 0.6 |
| 19/12/09 | 18:00 | 30.5 | 31.1 | 29.7 | 69 | 24.2 | 1.6 | ENE | 1.61 | 11.3 | ENE | 30.5 | 35.8 | 35.8 | 754.2 | 0.0 | 0.0 | 65 | 5.59 | 134 | 0.1 |
| 19/12/09 | 19:00 | 28.9 | 29.7 | 28.4 | 76 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 28.9 | 34.1 | 34.1 | 754.5 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 19/12/09 | 20:00 | 28.4 | 28.6 | 28.2 | 77 | 24.0 | 0.0 | --- | 0.00 | 0.0 | --- | 28.4 | 32.7 | 32.7 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 21:00 | 27.4 | 28.3 | 26.3 | 85 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 27.4 | 31.5 | 31.5 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 22:00 | 27.2 | 27.4 | 26.4 | 76 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 27.2 | 30.1 | 30.1 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/12/09 | 23:00 | 27.1 | 27.3 | 26.8 | 74 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 27.1 | 29.6 | 29.6 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 00:00 | 25.6 | 26.9 | 24.8 | 84 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 25.6 | 27.8 | 27.8 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 20/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 20/12/09 | 1:00 | 23.5 | 25.0 | 22.8 | 94 | 22.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.5 | 25.2 | 25.2 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 2:00 | 22.6 | 22.8 | 22.4 | 97 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 22.6 | 24.3 | 24.3 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 3:00 | 22.4 | 22.8 | 22.1 | 98 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 22.4 | 24.2 | 24.2 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 4:00 | 22.2 | 22.5 | 21.7 | 99 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 22.2 | 24.1 | 24.1 | 755.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 5:00 | 24.5 | 25.4 | 22.5 | 78 | 20.4 | 9.7 | E | 9.66 | 22.5 | E | 24.5 | 25.9 | 25.1 | 756.2 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 20/12/09 | 6:00 | 25.3 | 25.5 | 25.1 | 76 | 20.7 | 11.3 | E | 11.27 | 24.1 | E | 25.3 | 26.9 | 25.9 | 756.6 | 0.0 | 0.0 | 82 | 7.05 | 167 | 0.1 |
| 20/12/09 | 7:00 | 25.8 | 26.2 | 25.5 | 75 | 21.0 | 11.3 | E | 11.27 | 22.5 | SE | 25.8 | 27.3 | 26.4 | 757.1 | 0.0 | 0.0 | 252 | 21.67 | 341 | 0.6 |
| 20/12/09 | 8:00 | 26.7 | 27.2 | 26.2 | 74 | 21.7 | 12.9 | E | 12.87 | 24.1 | E | 26.7 | 28.8 | 27.8 | 757.2 | 0.0 | 0.0 | 418 | 35.95 | 501 | 1.5 |
| 20/12/09 | 9:00 | 27.4 | 27.9 | 27.2 | 73 | 22.2 | 14.5 | E | 14.48 | 24.1 | E | 27.4 | 30.2 | 29.0 | 757.0 | 0.0 | 0.0 | 569 | 48.94 | 646 | 2.8 |
| 20/12/09 | 10:00 | 28.3 | 28.7 | 27.9 | 72 | 22.7 | 11.3 | E | 11.27 | 22.5 | E | 28.3 | 31.8 | 31.1 | 756.7 | 0.0 | 0.0 | 685 | 58.92 | 732 | 4.2 |
| 20/12/09 | 11:00 | 29.2 | 29.8 | 28.7 | 70 | 23.1 | 11.3 | E | 11.27 | 22.5 | E | 29.2 | 33.3 | 32.7 | 756.4 | 0.0 | 0.0 | 768 | 66.06 | 790 | 5.5 |
| 20/12/09 | 12:00 | 30.2 | 30.6 | 29.7 | 66 | 23.2 | 9.7 | ESE | 9.66 | 16.1 | ENE | 30.2 | 34.7 | 34.3 | 756.0 | 0.0 | 0.0 | 784 | 67.43 | 795 | 5.8 |
| 20/12/09 | 13:00 | 30.8 | 31.3 | 30.4 | 68 | 24.2 | 9.7 | ESE | 9.66 | 16.1 | ESE | 30.8 | 36.2 | 35.8 | 755.3 | 0.0 | 0.0 | 753 | 64.77 | 776 | 5.4 |
| 20/12/09 | 14:00 | 31.6 | 31.9 | 31.3 | 64 | 23.9 | 9.7 | SE | 9.66 | 16.1 | SE | 31.6 | 37.1 | 36.8 | 754.3 | 0.0 | 0.0 | 691 | 59.43 | 746 | 4.4 |
| 20/12/09 | 15:00 | 32.0 | 32.2 | 31.8 | 63 | 24.1 | 8.0 | SE | 8.05 | 17.7 | SSE | 32.0 | 37.9 | 37.8 | 753.5 | 0.0 | 0.0 | 547 | 47.05 | 635 | 2.8 |
| 20/12/09 | 16:00 | 31.9 | 32.1 | 31.8 | 62 | 23.8 | 0.0 | ESE | 0.00 | 9.7 | ESE | 31.9 | 37.5 | 37.5 | 753.0 | 0.0 | 0.0 | 275 | 23.65 | 422 | 1.2 |
| 20/12/09 | 17:00 | 31.8 | 31.9 | 31.6 | 68 | 25.2 | 0.0 | --- | 0.00 | 0.0 | --- | 31.8 | 38.9 | 38.9 | 752.8 | 0.0 | 0.0 | 173 | 14.88 | 250 | 0.5 |
| 20/12/09 | 18:00 | 31.1 | 31.6 | 30.6 | 75 | 26.2 | 0.0 | --- | 0.00 | 0.0 | --- | 31.1 | 38.9 | 38.9 | 753.2 | 0.0 | 0.0 | 64 | 5.50 | 99 | 0.0 |
| 20/12/09 | 19:00 | 29.4 | 30.6 | 28.6 | 83 | 26.2 | 0.0 | --- | 0.00 | 0.0 | --- | 29.4 | 36.5 | 36.5 | 754.2 | 0.0 | 0.0 | 2 | 0.17 | 18 | 0.0 |
| 20/12/09 | 20:00 | 27.7 | 28.6 | 26.8 | 88 | 25.6 | 0.0 | --- | 0.00 | 0.0 | --- | 27.7 | 32.8 | 32.8 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 21:00 | 26.7 | 27.3 | 26.3 | 89 | 24.8 | 0.0 | --- | 0.00 | 0.0 | --- | 26.7 | 30.4 | 30.4 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 22:00 | 25.4 | 27.2 | 24.8 | 96 | 24.8 | 0.0 | --- | 0.00 | 0.0 | --- | 25.4 | 28.5 | 28.5 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/12/09 | 23:00 | 24.9 | 25.1 | 24.5 | 96 | 24.2 | 0.0 | NNW | 0.00 | 11.3 | NNW | 24.9 | 27.4 | 27.4 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 00:00 | 24.4 | 24.7 | 24.2 | 96 | 23.7 | 0.0 | NNE | 0.00 | 9.7 | NNE | 24.4 | 26.6 | 26.6 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 21/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 21/12/09 | 1:00 | 24.1 | 24.1 | 23.9 | 96 | 23.4 | 0.0 | NNE | 0.00 | 6.4 | NNE | 24.1 | 26.2 | 26.2 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 2:00 | 23.7 | 23.9 | 23.6 | 97 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.6 | 25.6 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 3:00 | 23.6 | 23.8 | 23.3 | 97 | 23.1 | 0.0 | NNE | 0.00 | 1.6 | NNE | 23.6 | 25.5 | 25.5 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 4:00 | 23.6 | 23.9 | 23.3 | 96 | 22.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.4 | 25.4 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 5:00 | 23.2 | 23.3 | 22.8 | 97 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.0 | 25.0 | 754.9 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 21/12/09 | 6:00 | 23.6 | 24.9 | 22.8 | 94 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.4 | 25.4 | 755.6 | 0.0 | 0.0 | 89 | 7.65 | 160 | 0.0 |
| 21/12/09 | 7:00 | 26.2 | 27.3 | 24.9 | 85 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 26.2 | 28.8 | 28.8 | 755.8 | 0.0 | 0.0 | 216 | 18.58 | 282 | 0.5 |
| 21/12/09 | 8:00 | 28.2 | 28.9 | 27.3 | 83 | 25.1 | 0.0 | E | 0.00 | 1.6 | E | 28.2 | 33.3 | 33.3 | 756.1 | 0.0 | 0.0 | 306 | 26.32 | 452 | 1.1 |
| 21/12/09 | 9:00 | 29.2 | 29.9 | 28.8 | 76 | 24.6 | 1.6 | SE | 1.61 | 11.3 | SSE | 29.2 | 34.6 | 34.6 | 756.4 | 0.0 | 0.0 | 444 | 38.19 | 635 | 2.1 |
| 21/12/09 | 10:00 | 30.3 | 31.3 | 29.8 | 70 | 24.2 | 3.2 | SSE | 3.22 | 11.3 | SSE | 30.3 | 35.7 | 35.7 | 756.4 | 0.0 | 0.0 | 616 | 52.98 | 876 | 3.4 |
| 21/12/09 | 11:00 | 31.4 | 31.7 | 31.1 | 69 | 25.0 | 9.7 | ESE | 9.66 | 16.1 | ESE | 31.4 | 37.9 | 37.7 | 755.6 | 0.0 | 0.0 | 733 | 63.05 | 869 | 4.6 |
| 21/12/09 | 12:00 | 31.7 | 32.2 | 31.2 | 67 | 24.8 | 11.3 | ESE | 11.27 | 17.7 | ESE | 31.7 | 38.2 | 37.9 | 754.9 | 0.0 | 0.0 | 796 | 68.46 | 850 | 5.3 |
| 21/12/09 | 13:00 | 32.7 | 33.2 | 32.1 | 65 | 25.2 | 8.0 | ESE | 8.05 | 16.1 | ESE | 32.7 | 40.2 | 40.1 | 754.1 | 0.0 | 0.0 | 780 | 67.09 | 843 | 4.9 |
| 21/12/09 | 14:00 | 30.1 | 33.2 | 26.8 | 79 | 26.1 | 14.5 | NW | 14.48 | 35.4 | NW | 30.1 | 37.1 | 36.3 | 754.4 | 0.0 | 0.0 | 280 | 24.08 | 723 | 2.3 |
| 21/12/09 | 15:00 | 28.4 | 29.1 | 26.9 | 70 | 22.4 | 19.3 | WNW | 19.31 | 38.6 | W | 28.4 | 31.9 | 30.3 | 754.3 | 0.0 | 0.0 | 532 | 45.76 | 728 | 2.5 |
| 21/12/09 | 16:00 | 27.6 | 28.4 | 27.2 | 78 | 23.4 | 6.4 | NW | 6.44 | 27.4 | WNW | 27.6 | 30.9 | 30.9 | 754.8 | 0.0 | 0.0 | 120 | 10.32 | 364 | 0.6 |
| 21/12/09 | 17:00 | 26.7 | 27.2 | 26.1 | 81 | 23.2 | 0.0 | SW | 0.00 | 11.3 | SW | 26.7 | 29.6 | 29.6 | 754.5 | 0.0 | 0.0 | 28 | 2.41 | 55 | 0.0 |
| 21/12/09 | 18:00 | 26.2 | 26.6 | 25.9 | 85 | 23.5 | 6.4 | SSW | 6.44 | 16.1 | SSW | 26.2 | 28.9 | 28.9 | 755.2 | 0.0 | 0.0 | 10 | 0.86 | 19 | 0.0 |
| 21/12/09 | 19:00 | 25.9 | 26.0 | 25.6 | 87 | 23.6 | 1.6 | SSW | 1.61 | 12.9 | SSW | 25.9 | 28.6 | 28.6 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 20:00 | 24.6 | 25.6 | 24.1 | 88 | 22.5 | 1.6 | WSW | 1.61 | 16.1 | W | 24.6 | 26.6 | 26.6 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 21:00 | 24.7 | 25.3 | 24.4 | 86 | 22.2 | 6.4 | SW | 6.44 | 20.9 | S | 24.7 | 26.6 | 26.6 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 22:00 | 25.1 | 25.2 | 25.0 | 88 | 23.0 | 3.2 | SSW | 3.22 | 22.5 | S | 25.1 | 27.2 | 27.2 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/12/09 | 23:00 | 24.8 | 25.1 | 24.7 | 88 | 22.7 | 0.0 | S | 0.00 | 11.3 | SSW | 24.8 | 26.7 | 26.7 | 756.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 00:00 | 24.7 | 24.8 | 23.7 | 92 | 23.3 | 0.0 | SSE | 0.00 | 9.7 | SSE | 24.7 | 26.8 | 26.8 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 22/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 22/12/09 | 1:00 | 23.3 | 23.7 | 23.2 | 97 | 22.8 | 0.0 | W | 0.00 | 6.4 | W | 23.3 | 25.1 | 25.1 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 2:00 | 23.1 | 23.3 | 22.9 | 96 | 22.4 | 0.0 | W | 0.00 | 11.3 | WNW | 23.1 | 24.8 | 24.8 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 3:00 | 23.2 | 23.3 | 23.1 | 96 | 22.5 | 1.6 | WNW | 1.61 | 11.3 | WNW | 23.2 | 24.8 | 24.8 | 756.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 4:00 | 23.2 | 23.7 | 23.1 | 93 | 22.0 | 1.6 | W | 1.61 | 14.5 | NW | 23.2 | 24.7 | 24.7 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 5:00 | 23.6 | 23.7 | 23.6 | 93 | 22.4 | 3.2 | WSW | 3.22 | 14.5 | SW | 23.6 | 25.3 | 25.3 | 756.3 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 22/12/09 | 6:00 | 24.2 | 25.2 | 23.6 | 89 | 22.2 | 1.6 | SW | 1.61 | 12.9 | SW | 24.2 | 26.1 | 26.1 | 756.5 | 0.0 | 0.0 | 50 | 4.30 | 121 | 0.0 |
| 22/12/09 | 7:00 | 25.4 | 25.8 | 25.2 | 90 | 23.7 | 1.6 | SW | 1.61 | 11.3 | SW | 25.4 | 27.9 | 27.9 | 756.8 | 0.0 | 0.0 | 96 | 8.26 | 141 | 0.2 |
| 22/12/09 | 8:00 | 26.1 | 26.4 | 25.8 | 84 | 23.1 | 0.0 | SW | 0.00 | 9.7 | SW | 26.1 | 28.6 | 28.6 | 757.2 | 0.0 | 0.0 | 129 | 11.10 | 151 | 0.5 |
| 22/12/09 | 9:00 | 27.1 | 27.6 | 26.3 | 80 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 27.1 | 30.1 | 30.1 | 757.4 | 0.0 | 0.0 | 266 | 22.88 | 456 | 1.4 |
| 22/12/09 | 10:00 | 27.8 | 28.3 | 27.3 | 76 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 27.8 | 31.2 | 31.2 | 757.3 | 0.0 | 0.0 | 311 | 26.75 | 410 | 1.9 |
| 22/12/09 | 11:00 | 29.3 | 29.8 | 28.3 | 71 | 23.5 | 0.0 | SE | 0.00 | 11.3 | SE | 29.3 | 33.8 | 33.8 | 756.8 | 0.0 | 0.0 | 508 | 43.69 | 799 | 3.5 |
| 22/12/09 | 12:00 | 29.7 | 30.2 | 29.4 | 64 | 22.2 | 4.8 | SE | 4.83 | 12.9 | SE | 29.7 | 33.2 | 33.2 | 756.2 | 0.0 | 0.0 | 522 | 44.90 | 829 | 4.0 |
| 22/12/09 | 13:00 | 30.9 | 31.4 | 30.2 | 59 | 22.0 | 3.2 | SE | 3.22 | 14.5 | SE | 30.9 | 34.7 | 34.7 | 755.5 | 0.0 | 0.0 | 762 | 65.54 | 815 | 5.0 |
| 22/12/09 | 14:00 | 31.4 | 31.7 | 31.2 | 62 | 23.2 | 4.8 | ESE | 4.83 | 12.9 | SE | 31.4 | 36.3 | 36.3 | 754.2 | 0.0 | 0.0 | 602 | 51.78 | 778 | 3.5 |
| 22/12/09 | 15:00 | 31.6 | 31.8 | 31.2 | 69 | 25.2 | 4.8 | ESE | 4.83 | 12.9 | SE | 31.6 | 38.6 | 38.6 | 754.1 | 0.0 | 0.0 | 517 | 44.47 | 619 | 2.3 |
| 22/12/09 | 16:00 | 30.6 | 31.2 | 30.2 | 71 | 24.7 | 6.4 | ESE | 6.44 | 16.1 | ESE | 30.6 | 36.4 | 36.4 | 753.6 | 0.0 | 0.0 | 262 | 22.53 | 340 | 0.8 |
| 22/12/09 | 17:00 | 29.9 | 30.3 | 29.6 | 72 | 24.3 | 4.8 | E | 4.83 | 14.5 | ESE | 29.9 | 35.3 | 35.3 | 754.0 | 0.0 | 0.0 | 167 | 14.36 | 262 | 0.4 |
| 22/12/09 | 18:00 | 29.3 | 29.6 | 28.9 | 77 | 24.8 | 1.6 | E | 1.61 | 12.9 | E | 29.3 | 34.9 | 34.9 | 754.7 | 0.0 | 0.0 | 64 | 5.50 | 106 | 0.0 |
| 22/12/09 | 19:00 | 28.4 | 28.9 | 28.0 | 80 | 24.7 | 0.0 | E | 0.00 | 1.6 | E | 28.4 | 33.3 | 33.3 | 754.8 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 22/12/09 | 20:00 | 26.7 | 28.3 | 25.8 | 85 | 24.0 | 1.6 | N | 1.61 | 12.9 | NNW | 26.7 | 29.9 | 29.9 | 756.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 21:00 | 25.2 | 25.8 | 24.5 | 88 | 23.1 | 8.0 | NNW | 8.05 | 25.7 | NW | 25.2 | 27.4 | 27.0 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 22:00 | 24.2 | 24.5 | 23.7 | 92 | 22.8 | 4.8 | W | 4.83 | 17.7 | W | 24.2 | 26.2 | 26.2 | 756.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/12/09 | 23:00 | 23.8 | 24.1 | 23.7 | 92 | 22.5 | 6.4 | SW | 6.44 | 20.9 | SW | 23.8 | 25.7 | 25.7 | 756.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 00:00 | 23.9 | 24.1 | 23.8 | 93 | 22.7 | 4.8 | SW | 4.83 | 14.5 | SW | 23.9 | 25.9 | 25.9 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 23/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 23/12/09 | 1:00 | 24.2 | 24.3 | 23.8 | 91 | 22.7 | 3.2 | SSE | 3.22 | 20.9 | SSE | 24.2 | 26.2 | 26.2 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 2:00 | 24.4 | 24.4 | 24.4 | 91 | 22.9 | 1.6 | SSW | 1.61 | 14.5 | SSW | 24.4 | 26.5 | 26.5 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 3:00 | 24.4 | 24.4 | 24.2 | 92 | 23.0 | 0.0 | S | 0.00 | 11.3 | S | 24.4 | 26.4 | 26.4 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 4:00 | 24.1 | 24.4 | 23.8 | 93 | 22.9 | 0.0 | E | 0.00 | 11.3 | E | 24.1 | 26.1 | 26.1 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 5:00 | 23.3 | 24.1 | 23.1 | 97 | 22.8 | 0.0 | ENE | 0.00 | 1.6 | ENE | 23.3 | 25.1 | 25.1 | 755.8 | 0.0 | 0.0 | 2 | 0.17 | 16 | 0.0 |
| 23/12/09 | 6:00 | 23.4 | 24.3 | 23.1 | 94 | 22.4 | 0.0 | NE | 0.00 | 11.3 | NE | 23.4 | 25.1 | 25.1 | 756.4 | 0.0 | 0.0 | 95 | 8.17 | 209 | 0.1 |
| 23/12/09 | 7:00 | 25.3 | 25.9 | 24.3 | 88 | 23.1 | 6.4 | ENE | 6.44 | 17.7 | ENE | 25.3 | 27.5 | 27.5 | 756.7 | 0.0 | 0.0 | 226 | 19.44 | 389 | 0.6 |
| 23/12/09 | 8:00 | 26.8 | 27.3 | 26.0 | 80 | 23.0 | 11.3 | E | 11.27 | 22.5 | ENE | 26.8 | 29.6 | 28.7 | 756.8 | 0.0 | 0.0 | 464 | 39.91 | 526 | 1.5 |
| 23/12/09 | 9:00 | 27.9 | 28.7 | 27.3 | 78 | 23.7 | 12.9 | E | 12.87 | 24.1 | E | 27.9 | 31.8 | 30.9 | 756.4 | 0.0 | 0.0 | 594 | 51.09 | 808 | 2.8 |
| 23/12/09 | 10:00 | 28.8 | 29.1 | 28.7 | 79 | 24.8 | 12.9 | E | 12.87 | 22.5 | ENE | 28.8 | 34.3 | 33.5 | 756.4 | 0.0 | 0.0 | 569 | 48.94 | 845 | 3.7 |
| 23/12/09 | 11:00 | 29.7 | 30.7 | 28.9 | 68 | 23.2 | 11.3 | E | 11.27 | 24.1 | NE | 29.7 | 34.1 | 33.5 | 755.9 | 0.0 | 0.0 | 529 | 45.50 | 721 | 3.9 |
| 23/12/09 | 12:00 | 31.3 | 31.8 | 30.6 | 63 | 23.4 | 11.3 | NE | 11.27 | 22.5 | NE | 31.3 | 36.2 | 35.8 | 755.4 | 0.0 | 0.0 | 547 | 47.05 | 901 | 4.4 |
| 23/12/09 | 13:00 | 32.4 | 33.2 | 31.4 | 59 | 23.3 | 9.7 | NE | 9.66 | 25.7 | N | 32.4 | 37.6 | 37.3 | 754.5 | 0.0 | 0.0 | 579 | 49.80 | 1063 | 4.6 |
| 23/12/09 | 14:00 | 33.1 | 33.8 | 32.5 | 53 | 22.2 | 9.7 | NE | 9.66 | 22.5 | NE | 33.1 | 37.2 | 37.0 | 753.3 | 0.0 | 0.0 | 566 | 48.68 | 737 | 3.8 |
| 23/12/09 | 15:00 | 30.0 | 33.8 | 26.1 | 85 | 27.2 | 9.7 | WSW | 9.66 | 25.7 | W | 30.0 | 38.5 | 38.1 | 753.6 | 0.2 | 14.6 | 50 | 4.30 | 144 | 0.7 |
| 23/12/09 | 16:00 | 24.5 | 26.0 | 23.9 | 85 | 21.8 | 9.7 | WNW | 9.66 | 37.0 | N | 24.5 | 26.2 | 25.4 | 753.6 | 0.2 | 10.0 | 42 | 3.61 | 62 | 0.1 |
| 23/12/09 | 17:00 | 26.9 | 28.1 | 25.2 | 76 | 22.3 | 1.6 | S | 1.61 | 14.5 | S | 26.9 | 29.4 | 29.4 | 753.5 | 0.0 | 0.0 | 95 | 8.17 | 120 | 0.4 |
| 23/12/09 | 18:00 | 28.3 | 28.8 | 27.1 | 87 | 26.0 | 0.0 | WNW | 0.00 | 16.1 | WNW | 28.3 | 34.4 | 34.4 | 753.9 | 0.0 | 0.0 | 53 | 4.56 | 100 | 0.0 |
| 23/12/09 | 19:00 | 26.3 | 27.1 | 26.0 | 90 | 24.6 | 0.0 | WSW | 0.00 | 11.3 | WSW | 26.3 | 29.7 | 29.7 | 754.4 | 0.0 | 0.0 | 1 | 0.09 | 9 | 0.0 |
| 23/12/09 | 20:00 | 26.7 | 26.9 | 26.0 | 85 | 23.9 | 1.6 | S | 1.61 | 14.5 | SSW | 26.7 | 29.8 | 29.8 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 21:00 | 26.7 | 26.9 | 25.9 | 87 | 24.3 | 0.0 | S | 0.00 | 1.6 | S | 26.7 | 30.1 | 30.1 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 22:00 | 25.2 | 25.9 | 24.8 | 93 | 24.0 | 0.0 | --- | 0.00 | 0.0 | --- | 25.2 | 27.7 | 27.7 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/12/09 | 23:00 | 25.5 | 26.1 | 24.7 | 86 | 23.0 | 0.0 | SSW | 0.00 | 6.4 | SSW | 25.5 | 27.8 | 27.8 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 00:00 | 24.4 | 25.9 | 23.8 | 96 | 23.7 | 0.0 | W | 0.00 | 1.6 | WSW | 24.4 | 26.6 | 26.6 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 24/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 24/12/09 | 1:00 | 24.0 | 24.1 | 23.8 | 96 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.0 | 26.0 | 26.0 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 2:00 | 23.7 | 24.1 | 23.4 | 97 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.6 | 25.6 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 3:00 | 23.2 | 23.4 | 22.9 | 98 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.0 | 25.0 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 4:00 | 22.9 | 23.1 | 22.8 | 99 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.9 | 24.8 | 24.8 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 5:00 | 22.7 | 22.8 | 22.7 | 99 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.7 | 24.6 | 24.6 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 6:00 | 23.2 | 23.8 | 22.7 | 99 | 23.0 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.1 | 25.1 | 755.1 | 0.0 | 0.0 | 31 | 2.67 | 72 | 0.0 |
| 24/12/09 | 7:00 | 24.7 | 26.0 | 23.8 | 88 | 22.6 | 0.0 | E | 0.00 | 9.7 | SE | 24.7 | 26.7 | 26.7 | 755.1 | 0.0 | 0.0 | 128 | 11.01 | 294 | 0.5 |
| 24/12/09 | 8:00 | 27.6 | 28.6 | 26.0 | 77 | 23.2 | 8.0 | E | 8.05 | 14.5 | ENE | 27.6 | 30.9 | 30.7 | 754.8 | 0.0 | 0.0 | 439 | 37.76 | 621 | 1.5 |
| 24/12/09 | 9:00 | 28.6 | 28.9 | 28.1 | 79 | 24.6 | 8.0 | E | 8.05 | 16.1 | E | 28.6 | 33.5 | 33.3 | 755.1 | 0.0 | 0.0 | 398 | 34.23 | 639 | 2.3 |
| 24/12/09 | 10:00 | 29.4 | 29.9 | 28.8 | 76 | 24.8 | 4.8 | E | 4.83 | 12.9 | ESE | 29.4 | 35.1 | 35.1 | 755.0 | 0.0 | 0.0 | 465 | 40.00 | 619 | 3.1 |
| 24/12/09 | 11:00 | 30.6 | 31.6 | 29.8 | 74 | 25.4 | 4.8 | ESE | 4.83 | 12.9 | E | 30.6 | 37.3 | 37.3 | 754.3 | 0.0 | 0.0 | 564 | 48.51 | 1063 | 4.5 |
| 24/12/09 | 12:00 | 31.3 | 31.7 | 30.9 | 73 | 25.9 | 8.0 | SE | 8.05 | 17.7 | SE | 31.3 | 38.8 | 38.7 | 753.6 | 0.0 | 0.0 | 365 | 31.39 | 1006 | 4.2 |
| 24/12/09 | 13:00 | 27.3 | 31.0 | 24.9 | 86 | 24.8 | 9.7 | SW | 9.66 | 29.0 | ESE | 27.3 | 31.4 | 30.9 | 754.3 | 3.4 | 19.6 | 51 | 4.39 | 123 | 0.6 |
| 24/12/09 | 14:00 | 24.2 | 24.9 | 23.7 | 95 | 23.4 | 9.7 | SW | 9.66 | 25.7 | W | 24.2 | 26.3 | 25.5 | 753.9 | 2.0 | 6.2 | 39 | 3.35 | 95 | 0.2 |
| 24/12/09 | 15:00 | 23.8 | 24.1 | 23.4 | 93 | 22.6 | 9.7 | W | 9.66 | 27.4 | W | 23.8 | 25.6 | 24.8 | 753.8 | 1.0 | 2.4 | 55 | 4.73 | 70 | 0.3 |
| 24/12/09 | 16:00 | 23.6 | 23.7 | 23.3 | 92 | 22.2 | 11.3 | WSW | 11.27 | 29.0 | WSW | 23.6 | 25.2 | 24.1 | 753.0 | 0.6 | 3.0 | 30 | 2.58 | 46 | 0.0 |
| 24/12/09 | 17:00 | 24.3 | 25.3 | 23.7 | 92 | 22.9 | 9.7 | SSW | 9.66 | 17.7 | SW | 24.3 | 26.4 | 25.6 | 752.9 | 0.8 | 1.6 | 17 | 1.46 | 21 | 0.0 |
| 24/12/09 | 18:00 | 24.6 | 25.1 | 24.3 | 93 | 23.4 | 6.4 | SW | 6.44 | 20.9 | SW | 24.6 | 26.8 | 26.8 | 752.7 | 0.0 | 0.0 | 6 | 0.52 | 11 | 0.0 |
| 24/12/09 | 19:00 | 24.6 | 25.0 | 24.1 | 94 | 23.5 | 0.0 | ENE | 0.00 | 9.7 | ENE | 24.6 | 26.8 | 26.8 | 753.7 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 20:00 | 24.7 | 25.2 | 24.2 | 92 | 23.3 | 1.6 | ENE | 1.61 | 12.9 | E | 24.7 | 26.9 | 26.9 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 21:00 | 24.1 | 24.2 | 23.9 | 96 | 23.4 | 0.0 | ENE | 0.00 | 9.7 | ENE | 24.1 | 26.1 | 26.1 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 22:00 | 24.1 | 24.2 | 23.9 | 94 | 23.0 | 0.0 | --- | 0.00 | 0.0 | --- | 24.1 | 26.1 | 26.1 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/12/09 | 23:00 | 24.2 | 24.3 | 24.1 | 92 | 22.8 | 0.0 | E | 0.00 | 11.3 | ESE | 24.2 | 26.2 | 26.2 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 00:00 | 24.2 | 24.8 | 23.7 | 95 | 23.4 | 0.0 | ESE | 0.00 | 11.3 | ESE | 24.2 | 26.3 | 26.3 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 25/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 25/12/09 | 1:00 | 23.6 | 23.7 | 23.6 | 96 | 22.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.4 | 25.4 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 2:00 | 23.4 | 23.6 | 23.3 | 96 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.2 | 25.2 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 3:00 | 23.6 | 23.7 | 23.3 | 96 | 22.9 | 1.6 | ENE | 1.61 | 11.3 | ENE | 23.6 | 25.4 | 25.4 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 4:00 | 23.6 | 23.7 | 23.3 | 97 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.4 | 25.4 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 5:00 | 23.5 | 23.6 | 23.4 | 98 | 23.2 | 0.0 | NE | 0.00 | 1.6 | ENE | 23.5 | 25.4 | 25.4 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 5 | 0.0 |
| 25/12/09 | 6:00 | 23.7 | 24.2 | 23.4 | 96 | 23.0 | 1.6 | ENE | 1.61 | 12.9 | E | 23.7 | 25.6 | 25.6 | 754.1 | 0.2 | 0.0 | 46 | 3.96 | 118 | 0.0 |
| 25/12/09 | 7:00 | 25.2 | 25.8 | 24.2 | 87 | 22.8 | 6.4 | NNE | 6.44 | 17.7 | SW | 25.2 | 27.3 | 27.3 | 754.6 | 0.2 | 0.0 | 221 | 19.01 | 361 | 0.5 |
| 25/12/09 | 8:00 | 25.9 | 26.0 | 25.8 | 88 | 23.7 | 6.4 | NE | 6.44 | 16.1 | NE | 25.9 | 28.6 | 28.6 | 754.8 | 0.2 | 0.0 | 143 | 12.30 | 218 | 0.7 |
| 25/12/09 | 9:00 | 26.7 | 27.3 | 26.0 | 83 | 23.5 | 3.2 | NE | 3.22 | 12.9 | NNE | 26.7 | 29.6 | 29.6 | 754.8 | 0.0 | 0.0 | 217 | 18.66 | 389 | 1.3 |
| 25/12/09 | 10:00 | 28.9 | 29.8 | 27.3 | 70 | 22.9 | 3.2 | N | 3.22 | 14.5 | N | 28.9 | 32.9 | 32.9 | 754.4 | 0.0 | 0.0 | 502 | 43.18 | 1028 | 3.5 |
| 25/12/09 | 11:00 | 29.3 | 29.8 | 28.8 | 79 | 25.3 | 1.6 | S | 1.61 | 17.7 | SSW | 29.3 | 35.3 | 35.3 | 753.6 | 0.0 | 0.0 | 365 | 31.39 | 1015 | 3.4 |
| 25/12/09 | 12:00 | 27.6 | 28.8 | 26.7 | 86 | 25.0 | 9.7 | S | 9.66 | 24.1 | SSW | 27.6 | 32.1 | 31.5 | 752.8 | 0.6 | 9.0 | 294 | 25.29 | 552 | 2.8 |
| 25/12/09 | 13:00 | 27.4 | 29.3 | 23.4 | 93 | 26.2 | 4.8 | NNW | 4.83 | 41.8 | WNW | 27.4 | 32.8 | 32.8 | 753.7 | 4.0 | 67.0 | 200 | 17.20 | 1116 | 2.8 |
| 25/12/09 | 14:00 | 23.7 | 24.2 | 23.2 | 93 | 22.5 | 1.6 | SSE | 1.61 | 16.1 | SE | 23.7 | 25.4 | 25.4 | 752.7 | 3.8 | 27.6 | 79 | 6.79 | 128 | 0.5 |
| 25/12/09 | 15:00 | 25.2 | 26.4 | 24.2 | 87 | 22.9 | 0.0 | --- | 0.00 | 0.0 | --- | 25.2 | 27.4 | 27.4 | 752.4 | 0.0 | 0.0 | 270 | 23.22 | 614 | 1.5 |
| 25/12/09 | 16:00 | 26.9 | 27.7 | 26.4 | 84 | 24.0 | 11.3 | SW | 11.27 | 32.2 | W | 26.9 | 30.2 | 29.4 | 752.2 | 0.0 | 0.0 | 326 | 28.04 | 570 | 1.3 |
| 25/12/09 | 17:00 | 25.8 | 26.6 | 25.2 | 85 | 23.1 | 9.7 | SW | 9.66 | 24.1 | SW | 25.8 | 28.2 | 27.5 | 752.5 | 0.0 | 0.0 | 100 | 8.60 | 225 | 0.3 |
| 25/12/09 | 18:00 | 24.8 | 25.2 | 24.5 | 89 | 22.9 | 3.2 | SW | 3.22 | 16.1 | SW | 24.8 | 26.8 | 26.8 | 752.9 | 0.0 | 0.0 | 19 | 1.63 | 46 | 0.0 |
| 25/12/09 | 19:00 | 24.4 | 24.8 | 24.2 | 86 | 21.9 | 0.0 | NW | 0.00 | 12.9 | NW | 24.4 | 26.2 | 26.2 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 20:00 | 24.3 | 24.9 | 23.6 | 95 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.4 | 26.4 | 753.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 21:00 | 23.3 | 23.6 | 23.3 | 96 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.3 | 25.1 | 25.1 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 22:00 | 23.2 | 23.3 | 23.1 | 97 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.0 | 25.0 | 753.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/12/09 | 23:00 | 23.0 | 23.1 | 22.9 | 98 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.0 | 24.8 | 24.8 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/12/09 | 00:00 | 23.0 | 23.1 | 22.9 | 98 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.0 | 24.8 | 24.8 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 26/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|---------------|----|
| 26/12/09 | 1:00 | 22.9 | 22.9 | 22.8 | 98 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.9 | 24.7 | 24.7 | 752.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 26/12/09 | 2:00 | 22.6 | 22.9 | 22.3 | 99 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 22.6 | 24.5 | 24.5 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 26/12/09 | 3:00 | 22.4 | 22.5 | 22.4 | 99 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.4 | 24.3 | 24.3 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 26/12/09 | 4:00 | 22.3 | 22.4 | 22.2 | 100 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.3 | 24.3 | 751.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 26/12/09 | 5:00 | 22.3 | 22.4 | 22.2 | 100 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.3 | 24.3 | 752.4 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 | |
| 26/12/09 | 6:00 | 22.8 | 23.6 | 22.3 | 100 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.8 | 24.8 | 752.5 | 0.0 | 0.0 | 62 | 5.33 | 146 | 0.0 | |
| 26/12/09 | 7:00 | 24.2 | 25.0 | 23.6 | 90 | 22.4 | 0.0 | NNE | 0.00 | 11.3 | NNE | 24.2 | 26.1 | 26.1 | 752.8 | 0.0 | 0.0 | 217 | 18.66 | 320 | 0.5 | |
| 26/12/09 | 8:00 | 25.9 | 26.6 | 25.0 | 83 | 22.8 | 3.2 | NE | 3.22 | 14.5 | NE | 25.9 | 28.3 | 28.3 | 752.9 | 0.0 | 0.0 | 333 | 28.64 | 614 | 1.3 | |
| 26/12/09 | 9:00 | 27.3 | 27.9 | 26.6 | 79 | 23.4 | 3.2 | ENE | 3.22 | 14.5 | NE | 27.3 | 30.6 | 30.6 | 752.7 | 0.0 | 0.0 | 417 | 35.87 | 686 | 2.3 | |
| 26/12/09 | 10:00 | 27.9 | 28.7 | 27.7 | 76 | 23.3 | 3.2 | ENE | 3.22 | 12.9 | NNE | 27.9 | 31.6 | 31.6 | 752.1 | 0.0 | 0.0 | 303 | 26.06 | 734 | 2.7 | |
| 26/12/09 | 11:00 | 28.9 | 29.4 | 28.7 | 78 | 24.7 | 6.4 | ESE | 6.44 | 16.1 | SE | 28.9 | 34.4 | 34.4 | 751.1 | 0.0 | 0.0 | 573 | 49.28 | 1100 | 4.5 | |
| 26/12/09 | 12:00 | 26.3 | 29.3 | 22.9 | 95 | 25.4 | 14.5 | WSW | 14.48 | 38.6 | WSW | 26.3 | 30.2 | 28.9 | 751.3 | 9.8 | 72.0 | 94 | 8.09 | 1082 | 1.1 | |
| 26/12/09 | 13:00 | 22.9 | 23.2 | 22.5 | 96 | 22.3 | 8.0 | N | 8.05 | 32.2 | NNW | 22.9 | 24.6 | 24.1 | 752.0 | 8.4 | 1440.0 | 15 | 1.29 | 23 | 0.0 | |
| 26/12/09 | 14:00 | 22.9 | 23.3 | 22.8 | 98 | 22.6 | 6.4 | WSW | 6.44 | 17.7 | N | 22.9 | 24.8 | 24.8 | 751.6 | 6.2 | 31.4 | 17 | 1.46 | 23 | 0.0 | |
| 26/12/09 | 15:00 | 23.3 | 23.3 | 23.2 | 97 | 22.8 | 1.6 | SSW | 1.61 | 14.5 | SSW | 23.3 | 25.1 | 25.1 | 750.6 | 0.8 | 1.4 | 14 | 1.20 | 16 | 0.0 | |
| 26/12/09 | 16:00 | 23.2 | 23.3 | 23.2 | 98 | 22.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.1 | 25.1 | 750.2 | 1.8 | 4.0 | 28 | 2.41 | 51 | 0.0 | |
| 26/12/09 | 17:00 | 23.5 | 23.7 | 23.3 | 98 | 23.2 | 0.0 | N | 0.00 | 11.3 | N | 23.5 | 25.4 | 25.4 | 750.3 | 0.0 | 0.0 | 61 | 5.25 | 81 | 0.2 | |
| 26/12/09 | 18:00 | 23.7 | 23.7 | 23.7 | 98 | 23.3 | 0.0 | N | 0.00 | 9.7 | N | 23.7 | 25.6 | 25.6 | 750.2 | 0.0 | 0.0 | 35 | 3.01 | 67 | 0.0 | |
| 26/12/09 | 19:00 | 23.6 | 23.7 | 23.3 | 98 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.4 | 25.4 | 750.6 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 | |
| 26/12/09 | 20:00 | 23.2 | 23.3 | 23.1 | 99 | 23.1 | 0.0 | NNE | 0.00 | 1.6 | NNE | 23.2 | 25.2 | 25.2 | 751.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 26/12/09 | 21:00 | 23.2 | 23.3 | 23.2 | 99 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 751.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 26/12/09 | 22:00 | 23.2 | 23.3 | 23.1 | 99 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 26/12/09 | 23:00 | 23.1 | 23.2 | 23.1 | 99 | 22.9 | 0.0 | NE | 0.00 | 1.6 | NE | 23.1 | 25.1 | 25.1 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | |
| 27/12/09 | 00:00 | 23.1 | 23.2 | 23.1 | 100 | 23.1 | 0.0 | NE | 0.00 | 6.4 | NE | 23.1 | 25.1 | 25.1 | 751.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | |

Ivinhema 27/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|---------------|-----|
| 27/12/09 | 1:00 | 23.1 | 23.1 | 22.9 | 100 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 750.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 2:00 | 22.9 | 23.1 | 22.9 | 100 | 22.9 | 1.6 | NE | 1.61 | 12.9 | NNE | 22.9 | 24.9 | 24.9 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 3:00 | 23.1 | 23.3 | 22.9 | 100 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 751.0 | 0.8 | 4.4 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 4:00 | 23.3 | 23.3 | 23.3 | 100 | 23.3 | 0.0 | W | 0.00 | 6.4 | W | 23.3 | 25.3 | 25.3 | 750.4 | 0.6 | 4.4 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 5:00 | 23.2 | 23.3 | 22.9 | 100 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 750.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 6:00 | 23.2 | 23.7 | 22.9 | 100 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 751.1 | 0.2 | 0.0 | 26 | 2.24 | 40 | 0.0 | 0.0 |
| 27/12/09 | 7:00 | 23.6 | 23.7 | 23.6 | 100 | 23.6 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.6 | 25.6 | 751.0 | 0.8 | 1.8 | 22 | 1.89 | 39 | 0.0 | 0.0 |
| 27/12/09 | 8:00 | 23.5 | 23.7 | 23.3 | 99 | 23.3 | 3.2 | ENE | 3.22 | 14.5 | ENE | 23.5 | 25.4 | 25.4 | 751.6 | 0.4 | 0.0 | 29 | 2.49 | 44 | 0.0 | 0.0 |
| 27/12/09 | 9:00 | 23.8 | 23.8 | 23.7 | 97 | 23.3 | 4.8 | N | 4.83 | 17.7 | N | 23.8 | 25.7 | 25.7 | 752.0 | 0.0 | 0.0 | 98 | 8.43 | 176 | 0.6 | 0.6 |
| 27/12/09 | 10:00 | 24.1 | 24.4 | 23.7 | 93 | 22.9 | 9.7 | N | 9.66 | 24.1 | NNE | 24.1 | 26.1 | 25.2 | 751.7 | 0.0 | 0.0 | 204 | 17.55 | 348 | 1.4 | 1.4 |
| 27/12/09 | 11:00 | 24.9 | 25.2 | 24.3 | 89 | 22.9 | 9.7 | NNE | 9.66 | 24.1 | N | 24.9 | 26.9 | 26.1 | 751.4 | 0.0 | 0.0 | 265 | 22.79 | 472 | 1.9 | 1.9 |
| 27/12/09 | 12:00 | 24.2 | 24.5 | 24.1 | 89 | 22.3 | 3.2 | NE | 3.22 | 17.7 | NNE | 24.2 | 26.1 | 26.1 | 750.7 | 0.0 | 0.0 | 180 | 15.48 | 229 | 1.4 | 1.4 |
| 27/12/09 | 13:00 | 24.8 | 25.4 | 24.4 | 86 | 22.3 | 1.6 | NE | 1.61 | 11.3 | NNE | 24.8 | 26.8 | 26.8 | 750.1 | 0.0 | 0.0 | 302 | 25.98 | 377 | 2.2 | 2.2 |
| 27/12/09 | 14:00 | 26.3 | 26.9 | 25.4 | 82 | 23.0 | 0.0 | WNW | 0.00 | 6.4 | W | 26.3 | 28.9 | 28.9 | 749.6 | 0.0 | 0.0 | 350 | 30.10 | 378 | 2.4 | 2.4 |
| 27/12/09 | 15:00 | 27.0 | 27.3 | 26.8 | 79 | 23.0 | 0.0 | S | 0.00 | 9.7 | SSE | 27.0 | 29.9 | 29.9 | 749.0 | 0.0 | 0.0 | 324 | 27.87 | 399 | 1.9 | 1.9 |
| 27/12/09 | 16:00 | 27.5 | 27.9 | 27.3 | 77 | 23.1 | 4.8 | WNW | 4.83 | 17.7 | W | 27.5 | 30.7 | 30.7 | 749.2 | 0.0 | 0.0 | 250 | 21.50 | 551 | 1.2 | 1.2 |
| 27/12/09 | 17:00 | 28.2 | 28.7 | 27.3 | 75 | 23.4 | 6.4 | WSW | 6.44 | 16.1 | WSW | 28.2 | 32.1 | 32.1 | 748.7 | 0.0 | 0.0 | 254 | 21.85 | 477 | 0.8 | 0.8 |
| 27/12/09 | 18:00 | 27.2 | 27.8 | 26.4 | 83 | 24.0 | 1.6 | WSW | 1.61 | 14.5 | W | 27.2 | 30.7 | 30.7 | 748.9 | 0.0 | 0.0 | 66 | 5.68 | 164 | 0.1 | 0.1 |
| 27/12/09 | 19:00 | 25.9 | 26.4 | 25.3 | 89 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 25.9 | 28.7 | 28.7 | 749.7 | 0.0 | 0.0 | 3 | 0.26 | 18 | 0.0 | 0.0 |
| 27/12/09 | 20:00 | 24.6 | 25.3 | 24.1 | 94 | 23.5 | 0.0 | --- | 0.00 | 0.0 | --- | 24.6 | 26.8 | 26.8 | 750.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 21:00 | 24.1 | 24.1 | 24.1 | 94 | 23.0 | 0.0 | --- | 0.00 | 0.0 | --- | 24.1 | 26.1 | 26.1 | 750.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 22:00 | 23.9 | 24.1 | 23.7 | 96 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 750.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 27/12/09 | 23:00 | 23.8 | 23.9 | 23.8 | 96 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 750.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |
| 28/12/09 | 00:00 | 23.8 | 24.1 | 23.7 | 96 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 749.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 | 0.0 |

Ivinhema 28/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 28/12/09 | 1:00 | 23.7 | 24.1 | 23.4 | 98 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.7 | 25.7 | 749.1 | 0.6 | 3.0 | 0 | 0.00 | 0 | 0.0 |
| 28/12/09 | 2:00 | 23.4 | 23.4 | 23.3 | 99 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.3 | 25.3 | 748.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/12/09 | 3:00 | 23.1 | 23.3 | 23.1 | 99 | 22.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 748.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/12/09 | 4:00 | 23.1 | 23.1 | 22.9 | 100 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 748.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/12/09 | 5:00 | 23.0 | 23.3 | 22.8 | 99 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.0 | 24.9 | 24.9 | 749.0 | 0.2 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 28/12/09 | 6:00 | 23.2 | 23.7 | 22.8 | 99 | 23.1 | 0.0 | N | 0.00 | 3.2 | N | 23.2 | 25.2 | 25.2 | 749.3 | 0.0 | 0.0 | 39 | 3.35 | 63 | 0.0 |
| 28/12/09 | 7:00 | 24.2 | 25.1 | 23.7 | 96 | 23.5 | 0.0 | NNW | 0.00 | 9.7 | NNW | 24.2 | 26.3 | 26.3 | 749.8 | 0.0 | 0.0 | 147 | 12.64 | 317 | 0.5 |
| 28/12/09 | 8:00 | 26.5 | 27.8 | 25.1 | 78 | 22.3 | 8.0 | NW | 8.05 | 16.1 | NW | 26.5 | 28.8 | 28.4 | 750.2 | 0.0 | 0.0 | 374 | 32.17 | 526 | 1.4 |
| 28/12/09 | 9:00 | 28.2 | 29.2 | 27.7 | 75 | 23.4 | 8.0 | NW | 8.05 | 17.7 | NW | 28.2 | 32.1 | 31.8 | 750.1 | 0.0 | 0.0 | 392 | 33.72 | 834 | 2.3 |
| 28/12/09 | 10:00 | 28.7 | 29.4 | 28.2 | 74 | 23.6 | 8.0 | NW | 8.05 | 20.9 | WNW | 28.7 | 33.1 | 32.9 | 749.8 | 0.0 | 0.0 | 345 | 29.67 | 656 | 2.5 |
| 28/12/09 | 11:00 | 29.8 | 30.6 | 29.2 | 72 | 24.2 | 4.8 | NNW | 4.83 | 16.1 | NW | 29.8 | 34.9 | 34.9 | 749.4 | 0.0 | 0.0 | 482 | 41.46 | 1012 | 3.6 |
| 28/12/09 | 12:00 | 30.7 | 31.2 | 30.1 | 67 | 23.8 | 6.4 | NNW | 6.44 | 22.5 | NNW | 30.7 | 35.7 | 35.7 | 749.1 | 0.0 | 0.0 | 463 | 39.82 | 700 | 3.6 |
| 28/12/09 | 13:00 | 31.4 | 31.8 | 31.1 | 64 | 23.8 | 6.4 | NW | 6.44 | 20.9 | NW | 31.4 | 36.9 | 36.9 | 748.7 | 0.0 | 0.0 | 477 | 41.03 | 672 | 3.4 |
| 28/12/09 | 14:00 | 31.2 | 31.7 | 30.8 | 65 | 23.9 | 6.4 | N | 6.44 | 20.9 | NNW | 31.2 | 36.6 | 36.6 | 748.3 | 0.0 | 0.0 | 361 | 31.05 | 507 | 2.3 |
| 28/12/09 | 15:00 | 31.2 | 31.2 | 31.0 | 67 | 24.3 | 8.0 | NNW | 8.05 | 20.9 | NW | 31.2 | 36.8 | 36.7 | 747.9 | 0.0 | 0.0 | 307 | 26.41 | 354 | 1.7 |
| 28/12/09 | 16:00 | 30.9 | 31.2 | 30.7 | 67 | 24.1 | 8.0 | NW | 8.05 | 20.9 | NW | 30.9 | 36.3 | 36.2 | 747.2 | 0.0 | 0.0 | 230 | 19.78 | 250 | 1.0 |
| 28/12/09 | 17:00 | 30.7 | 30.9 | 30.6 | 68 | 24.1 | 3.2 | N | 3.22 | 14.5 | NW | 30.7 | 36.1 | 36.1 | 747.4 | 0.0 | 0.0 | 206 | 17.72 | 276 | 0.5 |
| 28/12/09 | 18:00 | 29.6 | 30.9 | 28.4 | 82 | 26.2 | 1.6 | N | 1.61 | 12.9 | N | 29.6 | 36.7 | 36.7 | 747.7 | 0.0 | 0.0 | 67 | 5.76 | 120 | 0.1 |
| 28/12/09 | 19:00 | 27.5 | 28.4 | 26.8 | 88 | 25.3 | 0.0 | --- | 0.00 | 0.0 | --- | 27.5 | 32.2 | 32.2 | 748.4 | 0.0 | 0.0 | 2 | 0.17 | 16 | 0.0 |
| 28/12/09 | 20:00 | 26.2 | 26.8 | 25.5 | 92 | 24.8 | 0.0 | ENE | 0.00 | 1.6 | ENE | 26.2 | 29.6 | 29.6 | 749.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/12/09 | 21:00 | 25.3 | 25.5 | 25.0 | 94 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 25.3 | 27.9 | 27.9 | 749.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/12/09 | 22:00 | 24.9 | 25.0 | 24.9 | 94 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 27.3 | 27.3 | 750.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/12/09 | 23:00 | 25.4 | 25.8 | 25.0 | 92 | 24.0 | 0.0 | --- | 0.00 | 0.0 | --- | 25.4 | 28.0 | 28.0 | 750.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 00:00 | 25.1 | 25.8 | 24.5 | 95 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 25.1 | 27.6 | 27.6 | 749.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 29/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 29/12/09 | 1:00 | 24.4 | 24.5 | 24.2 | 96 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 24.4 | 26.6 | 26.6 | 749.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 2:00 | 24.2 | 24.3 | 24.1 | 96 | 23.5 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.3 | 26.3 | 749.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 3:00 | 24.1 | 24.1 | 23.9 | 96 | 23.4 | 0.0 | NNE | 0.00 | 9.7 | NE | 24.1 | 26.1 | 26.1 | 749.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 4:00 | 23.9 | 24.1 | 23.9 | 96 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 749.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 5:00 | 23.9 | 24.1 | 23.8 | 96 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 749.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 6:00 | 24.6 | 25.4 | 24.1 | 92 | 23.2 | 0.0 | ENE | 0.00 | 9.7 | ENE | 24.6 | 26.7 | 26.7 | 749.9 | 0.0 | 0.0 | 73 | 6.28 | 204 | 0.0 |
| 29/12/09 | 7:00 | 26.3 | 27.3 | 25.4 | 86 | 23.8 | 1.6 | NNE | 1.61 | 14.5 | NNE | 26.3 | 29.3 | 29.3 | 750.7 | 0.0 | 0.0 | 205 | 17.63 | 326 | 0.5 |
| 29/12/09 | 8:00 | 28.2 | 29.3 | 27.3 | 76 | 23.5 | 9.7 | N | 9.66 | 27.4 | N | 28.2 | 32.1 | 31.5 | 750.7 | 0.2 | 0.0 | 441 | 37.93 | 612 | 1.5 |
| 29/12/09 | 9:00 | 29.3 | 30.3 | 28.9 | 72 | 23.7 | 12.9 | N | 12.87 | 25.7 | N | 29.3 | 33.9 | 33.2 | 751.3 | 0.0 | 0.0 | 340 | 29.24 | 855 | 2.2 |
| 29/12/09 | 10:00 | 29.4 | 30.3 | 29.2 | 75 | 24.5 | 14.5 | N | 14.48 | 27.4 | N | 29.4 | 34.9 | 34.0 | 751.2 | 0.0 | 0.0 | 302 | 25.98 | 417 | 2.4 |
| 29/12/09 | 11:00 | 30.1 | 31.0 | 29.4 | 71 | 24.2 | 11.3 | N | 11.27 | 25.7 | NNW | 30.1 | 35.3 | 34.8 | 750.5 | 0.0 | 0.0 | 550 | 47.31 | 978 | 4.4 |
| 29/12/09 | 12:00 | 31.4 | 31.8 | 31.0 | 68 | 24.8 | 11.3 | N | 11.27 | 25.7 | NNW | 31.4 | 37.7 | 37.3 | 749.9 | 0.0 | 0.0 | 736 | 63.30 | 984 | 5.3 |
| 29/12/09 | 13:00 | 32.2 | 32.6 | 31.7 | 65 | 24.8 | 11.3 | N | 11.27 | 25.7 | N | 32.2 | 39.1 | 38.7 | 749.1 | 0.0 | 0.0 | 691 | 59.43 | 987 | 4.9 |
| 29/12/09 | 14:00 | 31.6 | 32.5 | 31.1 | 64 | 24.0 | 20.9 | NNW | 20.92 | 41.8 | NNW | 31.6 | 37.3 | 36.3 | 748.7 | 0.0 | 0.0 | 604 | 51.95 | 859 | 3.7 |
| 29/12/09 | 15:00 | 32.3 | 33.0 | 31.6 | 62 | 24.1 | 12.9 | NNW | 12.87 | 32.2 | NNW | 32.3 | 38.3 | 37.9 | 748.1 | 0.2 | 0.0 | 551 | 47.39 | 686 | 2.9 |
| 29/12/09 | 16:00 | 31.8 | 32.1 | 31.4 | 67 | 24.9 | 9.7 | NW | 9.66 | 25.7 | WNW | 31.8 | 38.5 | 38.2 | 747.3 | 0.0 | 0.0 | 355 | 30.53 | 440 | 1.4 |
| 29/12/09 | 17:00 | 30.6 | 31.8 | 29.8 | 71 | 24.7 | 4.8 | NNW | 4.83 | 20.9 | NW | 30.6 | 36.4 | 36.4 | 747.7 | 0.0 | 0.0 | 125 | 10.75 | 195 | 0.5 |
| 29/12/09 | 18:00 | 29.4 | 29.8 | 28.6 | 81 | 25.8 | 0.0 | --- | 0.00 | 0.0 | --- | 29.4 | 36.0 | 36.0 | 748.3 | 0.0 | 0.0 | 48 | 4.13 | 84 | 0.0 |
| 29/12/09 | 19:00 | 27.7 | 28.4 | 27.1 | 86 | 25.2 | 0.0 | --- | 0.00 | 0.0 | --- | 27.7 | 32.5 | 32.5 | 748.8 | 0.0 | 0.0 | 4 | 0.34 | 19 | 0.0 |
| 29/12/09 | 20:00 | 26.3 | 27.1 | 25.7 | 90 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 26.3 | 29.7 | 29.7 | 750.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 21:00 | 25.4 | 25.7 | 25.2 | 92 | 24.0 | 0.0 | --- | 0.00 | 0.0 | --- | 25.4 | 28.0 | 28.0 | 750.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 22:00 | 25.1 | 25.3 | 24.6 | 93 | 23.8 | 0.0 | --- | 0.00 | 0.0 | --- | 25.1 | 27.4 | 27.4 | 751.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/12/09 | 23:00 | 24.7 | 24.8 | 24.5 | 94 | 23.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.7 | 26.9 | 26.9 | 750.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 00:00 | 24.1 | 24.6 | 22.9 | 98 | 23.7 | 12.9 | N | 12.87 | 40.2 | N | 24.1 | 26.2 | 24.8 | 751.1 | 19.4 | 108.6 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 30/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 30/12/09 | 1:00 | 22.7 | 22.9 | 22.7 | 99 | 22.6 | 1.6 | NW | 1.61 | 25.7 | NNW | 22.7 | 24.6 | 24.6 | 750.4 | 3.0 | 12.2 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 2:00 | 22.8 | 22.9 | 22.7 | 99 | 22.6 | 4.8 | WSW | 4.83 | 29.0 | SW | 22.8 | 24.7 | 24.7 | 751.4 | 3.0 | 9.0 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 3:00 | 22.6 | 22.9 | 22.4 | 98 | 22.2 | 16.1 | SSW | 16.09 | 33.8 | S | 22.6 | 24.3 | 22.1 | 750.9 | 5.8 | 23.4 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 4:00 | 22.4 | 22.5 | 22.3 | 94 | 21.4 | 8.0 | S | 8.05 | 24.1 | SSW | 22.4 | 23.8 | 23.2 | 750.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 5:00 | 22.8 | 23.3 | 22.5 | 90 | 21.1 | 3.2 | S | 3.22 | 16.1 | S | 22.8 | 23.9 | 23.9 | 751.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 6:00 | 23.3 | 23.4 | 23.2 | 91 | 21.8 | 0.0 | SSW | 0.00 | 14.5 | SSE | 23.3 | 24.7 | 24.7 | 751.7 | 0.0 | 0.0 | 9 | 0.77 | 19 | 0.0 |
| 30/12/09 | 7:00 | 23.4 | 23.7 | 23.3 | 95 | 22.6 | 0.0 | NE | 0.00 | 11.3 | NE | 23.4 | 25.2 | 25.2 | 752.4 | 0.0 | 0.0 | 58 | 4.99 | 151 | 0.1 |
| 30/12/09 | 8:00 | 24.0 | 24.2 | 23.7 | 92 | 22.6 | 1.6 | ENE | 1.61 | 11.3 | NNE | 24.0 | 25.9 | 25.9 | 752.9 | 0.0 | 0.0 | 144 | 12.39 | 218 | 0.7 |
| 30/12/09 | 9:00 | 22.9 | 24.2 | 21.7 | 96 | 22.3 | 11.3 | SW | 11.27 | 29.0 | S | 22.9 | 24.6 | 23.4 | 754.1 | 8.8 | 960.0 | 26 | 2.24 | 60 | 0.0 |
| 30/12/09 | 10:00 | 21.9 | 22.1 | 21.6 | 96 | 21.2 | 1.6 | WSW | 1.61 | 12.9 | WSW | 21.9 | 23.5 | 23.5 | 753.6 | 2.6 | 1440.0 | 95 | 8.17 | 169 | 0.8 |
| 30/12/09 | 11:00 | 22.5 | 23.2 | 22.1 | 91 | 21.0 | 1.6 | SSW | 1.61 | 14.5 | SSW | 22.5 | 23.6 | 23.6 | 753.5 | 1.2 | 1440.0 | 173 | 14.88 | 384 | 1.6 |
| 30/12/09 | 12:00 | 23.9 | 24.3 | 23.2 | 88 | 21.8 | 6.4 | SE | 6.44 | 17.7 | SE | 23.9 | 25.6 | 25.6 | 752.6 | 0.0 | 0.0 | 379 | 32.60 | 1026 | 3.5 |
| 30/12/09 | 13:00 | 24.9 | 25.3 | 24.3 | 90 | 23.2 | 3.2 | SE | 3.22 | 16.1 | SE | 24.9 | 26.9 | 26.9 | 752.4 | 0.4 | 1.0 | 259 | 22.28 | 473 | 3.0 |
| 30/12/09 | 14:00 | 24.2 | 24.6 | 23.8 | 92 | 22.8 | 8.0 | SW | 8.05 | 22.5 | SW | 24.2 | 26.2 | 25.8 | 751.7 | 2.2 | 25.0 | 241 | 20.73 | 475 | 2.0 |
| 30/12/09 | 15:00 | 25.2 | 26.0 | 24.4 | 84 | 22.3 | 9.7 | SSW | 9.66 | 20.9 | SSW | 25.2 | 27.3 | 26.6 | 751.0 | 0.6 | 3.4 | 468 | 40.25 | 748 | 2.5 |
| 30/12/09 | 16:00 | 24.7 | 25.7 | 24.1 | 87 | 22.4 | 6.4 | SW | 6.44 | 24.1 | SSW | 24.7 | 26.6 | 26.6 | 750.6 | 0.0 | 0.0 | 116 | 9.98 | 355 | 0.9 |
| 30/12/09 | 17:00 | 23.7 | 24.1 | 23.6 | 90 | 22.0 | 0.0 | SW | 0.00 | 12.9 | SW | 23.7 | 25.4 | 25.4 | 750.6 | 0.4 | 2.8 | 40 | 3.44 | 53 | 0.0 |
| 30/12/09 | 18:00 | 23.9 | 24.1 | 23.7 | 92 | 22.6 | 0.0 | SW | 0.00 | 11.3 | SW | 23.9 | 25.9 | 25.9 | 751.0 | 0.0 | 0.0 | 35 | 3.01 | 55 | 0.0 |
| 30/12/09 | 19:00 | 23.4 | 23.9 | 23.2 | 94 | 22.4 | 4.8 | WSW | 4.83 | 16.1 | SW | 23.4 | 25.1 | 25.1 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 5 | 0.0 |
| 30/12/09 | 20:00 | 22.8 | 23.2 | 22.6 | 96 | 22.2 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.4 | 24.4 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 21:00 | 22.3 | 22.6 | 22.2 | 97 | 21.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.1 | 24.1 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 22:00 | 22.4 | 23.1 | 22.1 | 97 | 21.9 | 0.0 | --- | 0.00 | 0.0 | --- | 22.4 | 24.2 | 24.2 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/12/09 | 23:00 | 22.4 | 22.7 | 22.4 | 98 | 22.1 | 3.2 | WSW | 3.22 | 14.5 | WSW | 22.4 | 24.2 | 24.2 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 00:00 | 22.8 | 22.9 | 22.6 | 97 | 22.3 | 0.0 | WSW | 0.00 | 9.7 | SW | 22.8 | 24.5 | 24.5 | 752.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 31/12/09

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 31/12/09 | 1:00 | 23.1 | 23.3 | 22.9 | 98 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 24.9 | 24.9 | 751.4 | 0.2 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 2:00 | 23.8 | 24.1 | 23.3 | 96 | 23.2 | 0.0 | SW | 0.00 | 1.6 | SW | 23.8 | 25.8 | 25.8 | 751.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 3:00 | 23.3 | 23.7 | 23.2 | 98 | 23.0 | 1.6 | N | 1.61 | 16.1 | N | 23.3 | 25.2 | 25.2 | 750.8 | 0.8 | 8.4 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 4:00 | 23.1 | 23.2 | 22.9 | 99 | 22.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 751.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 5:00 | 22.9 | 22.9 | 22.9 | 99 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.9 | 24.8 | 24.8 | 751.5 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 6:00 | 23.1 | 23.3 | 22.8 | 100 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 752.0 | 0.0 | 0.0 | 20 | 1.72 | 35 | 0.0 |
| 31/12/09 | 7:00 | 23.8 | 24.4 | 23.3 | 99 | 23.6 | 1.6 | NE | 1.61 | 11.3 | NE | 23.8 | 25.8 | 25.8 | 752.6 | 0.2 | 0.0 | 131 | 11.27 | 259 | 0.4 |
| 31/12/09 | 8:00 | 24.2 | 24.5 | 23.3 | 98 | 23.9 | 3.2 | NE | 3.22 | 16.1 | NE | 24.2 | 26.4 | 26.4 | 753.2 | 3.8 | 21.2 | 92 | 7.91 | 137 | 0.5 |
| 31/12/09 | 9:00 | 23.7 | 24.1 | 23.3 | 97 | 23.2 | 1.6 | E | 1.61 | 11.3 | E | 23.7 | 25.6 | 25.6 | 753.7 | 5.2 | 20.2 | 65 | 5.59 | 97 | 0.4 |
| 31/12/09 | 10:00 | 24.5 | 24.8 | 24.1 | 92 | 23.1 | 4.8 | ENE | 4.83 | 12.9 | E | 24.5 | 26.6 | 26.6 | 753.7 | 0.2 | 0.0 | 120 | 10.32 | 169 | 0.9 |
| 31/12/09 | 11:00 | 24.9 | 25.3 | 24.8 | 91 | 23.4 | 3.2 | ENE | 3.22 | 12.9 | NE | 24.9 | 27.1 | 27.1 | 753.4 | 0.0 | 0.0 | 204 | 17.55 | 487 | 1.6 |
| 31/12/09 | 12:00 | 26.4 | 27.3 | 25.4 | 84 | 23.5 | 1.6 | NNE | 1.61 | 14.5 | NE | 26.4 | 29.2 | 29.2 | 752.5 | 0.0 | 0.0 | 381 | 32.77 | 521 | 3.1 |
| 31/12/09 | 13:00 | 27.4 | 28.0 | 27.2 | 80 | 23.6 | 1.6 | NNE | 1.61 | 12.9 | NNE | 27.4 | 30.8 | 30.8 | 751.9 | 0.0 | 0.0 | 397 | 34.15 | 855 | 3.3 |
| 31/12/09 | 14:00 | 27.8 | 28.0 | 27.6 | 83 | 24.6 | 0.0 | ESE | 0.00 | 11.3 | ESE | 27.8 | 32.1 | 32.1 | 751.0 | 0.0 | 0.0 | 334 | 28.73 | 530 | 2.7 |
| 31/12/09 | 15:00 | 28.4 | 28.8 | 27.8 | 78 | 24.2 | 0.0 | SE | 0.00 | 11.3 | S | 28.4 | 32.9 | 32.9 | 750.4 | 0.0 | 0.0 | 474 | 40.77 | 788 | 2.8 |
| 31/12/09 | 16:00 | 28.9 | 28.9 | 28.7 | 76 | 24.2 | 0.0 | S | 0.00 | 9.7 | SSE | 28.9 | 33.9 | 33.9 | 750.1 | 0.0 | 0.0 | 278 | 23.91 | 479 | 1.4 |
| 31/12/09 | 17:00 | 28.6 | 28.8 | 28.3 | 80 | 24.8 | 0.0 | --- | 0.00 | 0.0 | --- | 28.6 | 33.7 | 33.7 | 750.0 | 0.0 | 0.0 | 129 | 11.10 | 155 | 0.5 |
| 31/12/09 | 18:00 | 27.9 | 28.3 | 26.9 | 85 | 25.2 | 0.0 | --- | 0.00 | 0.0 | --- | 27.9 | 32.9 | 32.9 | 750.4 | 0.0 | 0.0 | 64 | 5.50 | 99 | 0.0 |
| 31/12/09 | 19:00 | 26.2 | 26.9 | 25.7 | 91 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 26.2 | 29.4 | 29.4 | 750.8 | 0.0 | 0.0 | 4 | 0.34 | 25 | 0.0 |
| 31/12/09 | 20:00 | 25.9 | 26.1 | 25.7 | 92 | 24.5 | 0.0 | --- | 0.00 | 0.0 | --- | 25.9 | 29.1 | 29.1 | 751.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 21:00 | 26.0 | 26.3 | 25.7 | 88 | 23.9 | 0.0 | SE | 0.00 | 14.5 | SSE | 26.0 | 28.8 | 28.8 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 22:00 | 26.5 | 26.6 | 26.3 | 88 | 24.3 | 4.8 | ESE | 4.83 | 14.5 | SE | 26.5 | 29.8 | 29.8 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/12/09 | 23:00 | 25.9 | 26.4 | 25.7 | 85 | 23.2 | 11.3 | E | 11.27 | 24.1 | SE | 25.9 | 28.4 | 27.5 | 752.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/10 | 00:00 | 25.8 | 25.8 | 25.7 | 86 | 23.3 | 12.9 | E | 12.87 | 29.0 | SE | 25.8 | 28.3 | 27.2 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 1/12/09

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 1/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.185 | 22.5 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.174 | 21.9 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.162 | 21.7 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.162 | 21.5 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.160 | 21.4 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 6:00 | 0.00 | 0.3 | 0.000 | 0.181 | 22.6 | 80 | 0.03 | 1330 | 1 | 97.2 | 60 |
| 1/12/09 | 7:00 | 0.21 | 0.7 | 0.000 | 0.231 | 26.3 | 63 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 8:00 | 0.56 | 2.2 | 0.000 | 0.315 | 31.9 | 57 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 9:00 | 1.16 | 3.9 | 0.000 | 0.410 | 37.2 | 55 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 10:00 | 1.80 | 5.3 | 0.000 | 0.463 | 40.0 | 52 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 11:00 | 1.80 | 5.7 | 0.000 | 0.502 | 40.9 | 52 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 12:00 | 1.59 | 6.3 | 0.000 | 0.523 | 41.1 | 51 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 13:00 | 1.80 | 5.5 | 0.000 | 0.523 | 40.4 | 51 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 14:00 | 1.63 | 4.9 | 0.000 | 0.600 | 41.9 | 52 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 15:00 | 0.77 | 3.3 | 0.000 | 0.556 | 41.1 | 55 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 16:00 | 0.51 | 1.8 | 0.000 | 0.525 | 39.6 | 54 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 17:00 | 0.09 | 0.6 | 0.000 | 0.451 | 36.2 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.389 | 32.1 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.350 | 28.9 | 75 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.315 | 26.9 | 78 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.273 | 25.7 | 80 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.252 | 24.6 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.248 | 24.2 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.241 | 23.9 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 2/12/09

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 2/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.208 | 23.1 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.6 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.190 | 22.3 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.181 | 22.0 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.167 | 21.7 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 6:00 | 0.04 | 0.4 | 0.000 | 0.199 | 23.3 | 78 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 7:00 | 0.30 | 1.1 | 0.000 | 0.282 | 28.9 | 71 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 8:00 | 0.69 | 2.3 | 0.000 | 0.370 | 33.7 | 64 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 9:00 | 1.24 | 3.6 | 0.000 | 0.447 | 36.7 | 60 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 10:00 | 1.93 | 5.2 | 0.000 | 0.505 | 38.2 | 58 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 11:00 | 2.40 | 5.8 | 0.000 | 0.556 | 39.6 | 54 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 12:00 | 2.57 | 6.2 | 0.000 | 0.583 | 40.8 | 51 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 13:00 | 2.06 | 6.0 | 0.000 | 0.600 | 41.3 | 52 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 14:00 | 1.29 | 4.6 | 0.000 | 0.590 | 40.5 | 50 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 15:00 | 0.94 | 3.3 | 0.000 | 0.609 | 41.0 | 49 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 16:00 | 0.56 | 2.0 | 0.000 | 0.625 | 41.2 | 52 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 17:00 | 0.21 | 0.8 | 0.000 | 0.606 | 39.8 | 54 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.549 | 37.3 | 58 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.435 | 32.8 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.380 | 29.1 | 74 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.336 | 27.6 | 75 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.220 | 24.9 | 79 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 2/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.213 | 23.5 | 82 | 0.00 | 1330 | 1 | 97.2 | 60 |
| 3/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.194 | 23.0 | 84 | 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 3/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.201 | 22.7 | 85 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 3/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.7 | 86 | 0.00 | 1367 | 1 | 99.9 | 60 |
| 3/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.185 | 22.4 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.190 | 22.3 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.181 | 22.2 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.187 | 22.7 | 82 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 7:00 | 0.17 | 0.7 | 0.000 | 0.201 | 25.1 | 65 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 8:00 | 0.47 | 1.4 | 0.000 | 0.250 | 30.2 | 54 | 0.18 | 1307 | 1 | 95.5 | 60 |
| 3/12/09 | 9:00 | 0.86 | 3.1 | 0.000 | 0.310 | 34.1 | 51 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 10:00 | 1.37 | 4.2 | 0.000 | 0.370 | 37.2 | 49 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 11:00 | 1.41 | 4.5 | 0.000 | 0.400 | 38.6 | 49 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 12:00 | 1.71 | 5.1 | 0.000 | 0.438 | 39.6 | 49 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 13:00 | 1.50 | 5.0 | 0.000 | 0.438 | 39.8 | 45 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 14:00 | 1.03 | 3.0 | 0.000 | 0.356 | 37.8 | 45 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 15:00 | 0.90 | 3.0 | 0.000 | 0.412 | 38.1 | 46 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 16:00 | 0.47 | 1.4 | 0.000 | 0.412 | 37.5 | 48 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 17:00 | 0.17 | 0.7 | 0.000 | 0.391 | 35.0 | 56 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.361 | 32.2 | 60 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.296 | 28.7 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.264 | 25.9 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.252 | 24.8 | 78 | 0.00 | 1330 | 1 | 97.2 | 60 |
| 3/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.231 | 24.0 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.211 | 23.3 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.9 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 4/12/09

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 4/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.7 | 83 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 4/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.185 | 22.3 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.185 | 21.9 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.185 | 22.1 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.185 | 22.1 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.220 | 23.5 | 79 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 7:00 | 0.21 | 1.2 | 0.000 | 0.282 | 28.1 | 62 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 8:00 | 0.60 | 1.7 | 0.000 | 0.368 | 34.7 | 53 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 9:00 | 0.77 | 3.1 | 0.000 | 0.391 | 36.7 | 52 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 10:00 | 0.94 | 3.0 | 0.000 | 0.350 | 35.7 | 51 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 11:00 | 1.20 | 3.9 | 0.000 | 0.345 | 35.3 | 48 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 12:00 | 1.97 | 7.1 | 0.000 | 0.375 | 36.8 | 46 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 13:00 | 1.97 | 6.0 | 0.000 | 0.424 | 38.7 | 47 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 14:00 | 1.07 | 5.7 | 0.000 | 0.419 | 38.7 | 45 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 15:00 | 0.26 | 1.6 | 0.000 | 0.347 | 33.1 | 58 | 0.08 | 1331 | 1 | 97.3 | 60 |
| 4/12/09 | 16:00 | 0.04 | 0.4 | 0.000 | 0.324 | 30.7 | 62 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 17:00 | 0.00 | 0.3 | 0.000 | 0.306 | 28.7 | 69 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.294 | 27.2 | 74 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.280 | 25.8 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.266 | 24.9 | 79 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.252 | 24.2 | 80 | 0.03 | 1367 | 1 | 99.9 | 60 |
| 4/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.231 | 23.6 | 81 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 4/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.225 | 23.2 | 82 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.215 | 22.9 | 82 | 0.05 | 1368 | 1 | 100.0 | 60 |

Ivinhema 5/12/09

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 5/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.208 | 22.8 | 82 | 0.05 | 1369 | 1 | 100.0 | 60 |
| 5/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.190 | 22.4 | 82 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.167 | 21.7 | 83 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.153 | 21.4 | 83 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.132 | 20.9 | 83 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 6:00 | 0.04 | 0.4 | 0.000 | 0.146 | 22.3 | 79 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 7:00 | 0.30 | 1.2 | 0.000 | 0.178 | 26.1 | 69 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 8:00 | 0.73 | 2.5 | 0.000 | 0.231 | 29.8 | 57 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 9:00 | 1.37 | 4.1 | 0.000 | 0.273 | 31.8 | 59 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 10:00 | 2.10 | 5.6 | 0.000 | 0.315 | 32.5 | 54 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 11:00 | 2.53 | 6.5 | 0.000 | 0.352 | 33.8 | 49 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 12:00 | 2.79 | 6.6 | 0.000 | 0.394 | 35.9 | 44 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 13:00 | 2.53 | 6.6 | 0.000 | 0.421 | 37.6 | 44 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 14:00 | 1.76 | 5.6 | 0.000 | 0.440 | 38.4 | 43 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 15:00 | 1.07 | 3.9 | 0.000 | 0.444 | 38.8 | 43 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 16:00 | 0.51 | 2.1 | 0.000 | 0.435 | 38.0 | 45 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 17:00 | 0.21 | 0.9 | 0.000 | 0.438 | 37.2 | 47 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.398 | 34.0 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.361 | 30.3 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.329 | 27.4 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.292 | 25.8 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.266 | 24.6 | 73 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.250 | 23.9 | 74 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.248 | 23.5 | 75 | 0.03 | 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 6/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.234 | 23.4 | 75 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.213 | 22.9 | 76 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.194 | 22.4 | 76 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.171 | 21.9 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.157 | 21.4 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 6:00 | 0.04 | 0.4 | 0.000 | 0.169 | 22.7 | 74 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 7:00 | 0.30 | 1.1 | 0.000 | 0.220 | 26.6 | 70 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 8:00 | 0.73 | 2.4 | 0.000 | 0.273 | 29.6 | 63 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 9:00 | 1.37 | 4.0 | 0.000 | 0.331 | 31.8 | 60 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 10:00 | 2.06 | 5.5 | 0.000 | 0.377 | 33.2 | 57 | 0.51 | 1331 | 1 | 97.3 | 60 |
| 6/12/09 | 11:00 | 2.49 | 6.2 | 0.000 | 0.417 | 34.4 | 51 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 12:00 | 2.70 | 6.5 | 0.000 | 0.456 | 36.9 | 45 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 13:00 | 2.44 | 6.2 | 0.000 | 0.495 | 38.7 | 45 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 14:00 | 1.93 | 5.3 | 0.000 | 0.525 | 39.8 | 45 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 15:00 | 1.16 | 3.6 | 0.000 | 0.542 | 40.3 | 44 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 16:00 | 0.56 | 1.9 | 0.000 | 0.539 | 40.4 | 46 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 17:00 | 0.17 | 0.8 | 0.000 | 0.507 | 37.9 | 52 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.465 | 34.6 | 56 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.394 | 30.7 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.359 | 27.8 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.375 | 27.1 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.308 | 26.2 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.292 | 25.4 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.225 | 24.2 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 7/12/09

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 7/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.157 | 22.4 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.118 | 21.3 | 78 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.155 | 21.3 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.164 | 21.6 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.157 | 21.6 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 6:00 | 0.00 | 0.3 | 0.000 | 0.169 | 22.4 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 7:00 | 0.17 | 0.7 | 0.000 | 0.206 | 26.4 | 57 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 8:00 | 0.30 | 1.0 | 0.000 | 0.252 | 30.2 | 55 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 9:00 | 0.26 | 0.7 | 0.000 | 0.257 | 29.1 | 61 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 10:00 | 0.39 | 2.9 | 0.000 | 0.285 | 29.2 | 56 | 0.10 | 1330 | 1 | 97.2 | 60 |
| 7/12/09 | 11:00 | 1.29 | 5.5 | 0.000 | 0.350 | 34.6 | 46 | 0.30 | 1331 | 1 | 97.3 | 60 |
| 7/12/09 | 12:00 | 1.97 | 6.2 | 0.000 | 0.412 | 38.3 | 46 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 13:00 | 1.76 | 5.4 | 0.000 | 0.454 | 39.3 | 47 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 14:00 | 1.37 | 4.4 | 0.000 | 0.498 | 40.4 | 47 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 15:00 | 0.73 | 2.2 | 0.000 | 0.498 | 40.4 | 47 | 0.23 | 1331 | 1 | 97.3 | 60 |
| 7/12/09 | 16:00 | 0.39 | 1.3 | 0.000 | 0.484 | 39.6 | 50 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 17:00 | 0.13 | 0.5 | 0.000 | 0.435 | 35.8 | 55 | 0.10 | 1307 | 1 | 95.5 | 60 |
| 7/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.403 | 32.9 | 60 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.336 | 29.5 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.257 | 26.1 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.234 | 24.3 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.211 | 23.4 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.211 | 23.1 | 78 | 0.00 | 1330 | 1 | 97.2 | 60 |
| 8/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.213 | 23.0 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 8/12/09

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 8/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.229 | 23.2 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.215 | 23.0 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.4 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.181 | 21.9 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.194 | 22.1 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.243 | 23.6 | 73 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 7:00 | 0.26 | 0.9 | 0.000 | 0.285 | 28.5 | 58 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 8:00 | 0.64 | 2.1 | 0.000 | 0.333 | 33.3 | 54 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 9:00 | 0.94 | 3.8 | 0.000 | 0.377 | 36.2 | 50 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 10:00 | 1.24 | 5.1 | 0.000 | 0.421 | 38.3 | 48 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 11:00 | 2.06 | 6.3 | 0.000 | 0.456 | 39.7 | 48 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 12:00 | 2.49 | 6.5 | 0.000 | 0.481 | 40.1 | 46 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 13:00 | 2.19 | 6.1 | 0.000 | 0.505 | 40.6 | 47 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 14:00 | 1.67 | 5.1 | 0.000 | 0.519 | 40.7 | 46 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 15:00 | 1.11 | 3.4 | 0.000 | 0.521 | 40.4 | 46 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 16:00 | 0.56 | 1.9 | 0.000 | 0.509 | 40.1 | 46 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 17:00 | 0.21 | 0.9 | 0.000 | 0.509 | 39.1 | 51 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.486 | 36.0 | 56 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.410 | 31.5 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.359 | 27.8 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.340 | 26.5 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.285 | 25.3 | 74 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 8/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.308 | 24.9 | 75 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.296 | 25.1 | 76 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 9/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 9/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.269 | 24.7 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.248 | 23.9 | 78 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.229 | 23.4 | 78 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.7 | 78 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.215 | 22.4 | 79 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.227 | 23.7 | 74 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 7:00 | 0.26 | 1.0 | 0.000 | 0.257 | 27.1 | 67 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 8:00 | 0.69 | 2.2 | 0.000 | 0.315 | 30.6 | 62 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 9:00 | 1.33 | 3.8 | 0.000 | 0.366 | 33.6 | 43 | 0.43 | 1360 | 1 | 99.4 | 60 |
| 9/12/09 | 10:00 | 1.84 | 5.4 | 0.000 | 0.400 | 36.3 | 40 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 11:00 | 2.31 | 6.2 | 0.000 | 0.435 | 38.3 | 38 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 12:00 | 2.36 | 6.3 | 0.000 | 0.461 | 38.7 | 38 | 0.53 | 1331 | 1 | 97.3 | 60 |
| 9/12/09 | 13:00 | 2.27 | 6.2 | 0.000 | 0.479 | 39.2 | 40 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 14:00 | 1.54 | 4.7 | 0.000 | 0.491 | 39.7 | 39 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 15:00 | 1.11 | 3.8 | 0.000 | 0.509 | 39.7 | 40 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 16:00 | 0.56 | 1.6 | 0.000 | 0.493 | 39.1 | 40 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 17:00 | 0.21 | 0.9 | 0.000 | 0.502 | 38.4 | 47 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.481 | 34.8 | 55 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.407 | 30.8 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.373 | 28.3 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.347 | 27.0 | 66 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.326 | 25.9 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.306 | 24.8 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.271 | 24.1 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 10/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 10/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.289 | 24.2 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.275 | 24.2 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.257 | 23.8 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.243 | 23.3 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.229 | 22.8 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 6:00 | 0.04 | 0.4 | 0.000 | 0.238 | 23.7 | 69 | 0.08 | 1331 | 1 | 97.3 | 60 |
| 10/12/09 | 7:00 | 0.30 | 1.0 | 0.000 | 0.282 | 27.7 | 64 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 8:00 | 0.69 | 2.2 | 0.000 | 0.319 | 30.4 | 58 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 9:00 | 1.33 | 3.8 | 0.000 | 0.363 | 32.4 | 55 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 10:00 | 1.97 | 5.2 | 0.000 | 0.400 | 34.0 | 50 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 11:00 | 2.49 | 6.2 | 0.000 | 0.435 | 35.3 | 46 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 12:00 | 2.31 | 6.5 | 0.000 | 0.454 | 37.0 | 41 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 13:00 | 2.14 | 6.5 | 0.000 | 0.465 | 38.3 | 40 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 14:00 | 1.71 | 5.3 | 0.000 | 0.481 | 39.0 | 40 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 15:00 | 1.20 | 3.7 | 0.000 | 0.509 | 39.6 | 39 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 16:00 | 0.64 | 2.1 | 0.000 | 0.509 | 39.6 | 40 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 17:00 | 0.21 | 0.9 | 0.000 | 0.488 | 37.9 | 46 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.472 | 34.9 | 51 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.387 | 30.8 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.347 | 27.3 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.343 | 26.2 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.326 | 25.4 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.338 | 25.7 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.313 | 25.6 | 70 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 11/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 11/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.266 | 24.7 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.262 | 24.2 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.245 | 23.5 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.257 | 23.7 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.238 | 23.6 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 6:00 | 0.04 | 0.4 | 0.000 | 0.266 | 24.9 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 7:00 | 0.21 | 0.8 | 0.000 | 0.317 | 29.5 | 56 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 8:00 | 0.43 | 1.9 | 0.000 | 0.315 | 30.4 | 50 | 0.13 | 1331 | 1 | 97.3 | 60 |
| 11/12/09 | 9:00 | 1.03 | 3.8 | 0.000 | 0.361 | 33.9 | 44 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 10:00 | 1.67 | 6.1 | 0.000 | 0.435 | 37.2 | 43 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 11:00 | 1.97 | 7.3 | 0.000 | 0.488 | 39.1 | 42 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 12:00 | 1.54 | 6.6 | 0.000 | 0.495 | 39.4 | 41 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 13:00 | 1.50 | 6.0 | 0.000 | 0.407 | 36.4 | 44 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 14:00 | 0.90 | 3.8 | 0.000 | 0.352 | 35.3 | 42 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 15:00 | 0.43 | 2.9 | 0.000 | 0.375 | 35.0 | 52 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 16:00 | 0.17 | 0.9 | 0.000 | 0.282 | 30.5 | 56 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 17:00 | 0.00 | 0.0 | 0.000 | 0.229 | 27.3 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.215 | 24.8 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.245 | 24.5 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.255 | 24.3 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.250 | 24.1 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.259 | 24.2 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.250 | 24.1 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.229 | 23.7 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 12/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 12/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.220 | 23.2 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.206 | 23.0 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.194 | 22.6 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.181 | 22.2 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.176 | 22.1 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.183 | 22.3 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 7:00 | 0.00 | 0.0 | 0.000 | 0.181 | 22.4 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 8:00 | 0.04 | 0.5 | 0.000 | 0.176 | 22.7 | 76 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 9:00 | 0.34 | 1.4 | 0.000 | 0.206 | 25.9 | 67 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 10:00 | 0.39 | 1.5 | 0.000 | 0.201 | 26.6 | 58 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 11:00 | 0.77 | 2.7 | 0.000 | 0.238 | 30.4 | 52 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 12:00 | 0.81 | 2.8 | 0.000 | 0.275 | 32.1 | 49 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 13:00 | 1.03 | 3.4 | 0.000 | 0.301 | 34.2 | 47 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 14:00 | 0.56 | 1.8 | 0.000 | 0.213 | 30.9 | 50 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 15:00 | 0.56 | 1.9 | 0.000 | 0.231 | 31.3 | 52 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 16:00 | 0.39 | 1.4 | 0.000 | 0.292 | 32.8 | 51 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 17:00 | 0.21 | 0.8 | 0.000 | 0.299 | 32.4 | 52 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.266 | 30.1 | 62 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.199 | 25.5 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.160 | 22.7 | 78 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.125 | 21.3 | 81 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 12/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.113 | 20.6 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.088 | 20.1 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.069 | 19.4 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 13/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 13/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.046 | 18.9 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.023 | 18.2 | 87 | 0.00 | 1330 | 1 | 97.2 | 60 |
| 13/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.000 | 17.5 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 4:00 | 0.00 | 0.0 | 0.012 | 0.000 | 17.2 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 5:00 | 0.00 | 0.0 | 0.025 | 0.000 | 16.8 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 6:00 | 0.04 | 0.4 | 0.005 | 0.000 | 17.9 | 83 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 7:00 | 0.30 | 1.1 | 0.000 | 0.067 | 22.4 | 71 | 0.18 | 1331 | 1 | 97.3 | 60 |
| 13/12/09 | 8:00 | 0.69 | 2.2 | 0.000 | 0.139 | 26.4 | 66 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 9:00 | 1.24 | 3.7 | 0.000 | 0.199 | 28.9 | 64 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 10:00 | 1.89 | 5.1 | 0.000 | 0.241 | 30.2 | 61 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 11:00 | 2.40 | 5.9 | 0.000 | 0.280 | 31.0 | 58 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 12:00 | 2.53 | 6.0 | 0.000 | 0.326 | 32.9 | 48 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 13:00 | 2.31 | 5.8 | 0.000 | 0.363 | 35.8 | 45 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 14:00 | 1.80 | 4.9 | 0.000 | 0.396 | 37.0 | 44 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 15:00 | 1.20 | 3.5 | 0.000 | 0.407 | 37.6 | 44 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 16:00 | 0.60 | 2.1 | 0.000 | 0.414 | 37.6 | 44 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 17:00 | 0.21 | 0.9 | 0.000 | 0.405 | 36.4 | 50 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 18:00 | 0.04 | 0.3 | 0.000 | 0.382 | 33.1 | 58 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.248 | 27.9 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.164 | 23.2 | 75 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.123 | 21.1 | 78 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.093 | 20.0 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.074 | 19.4 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.039 | 18.5 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 14/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 14/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.028 | 18.0 | 84 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 14/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.016 | 17.6 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.005 | 17.6 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 4:00 | 0.00 | 0.0 | 0.012 | 0.000 | 17.1 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 5:00 | 0.00 | 0.0 | 0.021 | 0.000 | 16.8 | 85 | 0.00 | 1367 | 1 | 99.9 | 60 |
| 14/12/09 | 6:00 | 0.04 | 0.4 | 0.000 | 0.035 | 18.6 | 83 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 7:00 | 0.26 | 0.9 | 0.000 | 0.190 | 23.9 | 65 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 8:00 | 0.56 | 2.2 | 0.000 | 0.257 | 29.2 | 54 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 9:00 | 1.29 | 4.0 | 0.000 | 0.306 | 32.4 | 56 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 10:00 | 1.89 | 5.3 | 0.000 | 0.336 | 33.9 | 54 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 11:00 | 2.31 | 7.1 | 0.000 | 0.377 | 35.0 | 50 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 12:00 | 2.23 | 7.1 | 0.000 | 0.398 | 36.3 | 48 | 0.46 | 1331 | 1 | 97.3 | 60 |
| 14/12/09 | 13:00 | 2.40 | 6.0 | 0.000 | 0.440 | 37.5 | 46 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 14:00 | 1.89 | 5.1 | 0.000 | 0.477 | 38.6 | 47 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 15:00 | 1.24 | 3.7 | 0.000 | 0.523 | 39.6 | 46 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 16:00 | 0.64 | 2.1 | 0.000 | 0.525 | 39.9 | 46 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 17:00 | 0.26 | 1.0 | 0.000 | 0.516 | 38.8 | 52 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 18:00 | 0.04 | 0.3 | 0.000 | 0.486 | 35.6 | 59 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.419 | 31.5 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.398 | 28.5 | 75 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.350 | 27.1 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.319 | 25.9 | 79 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 14/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.229 | 23.9 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.181 | 22.2 | 82 | 0.00 | 1331 | 1 | 97.3 | 60 |

Ivinhema 15/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 15/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.155 | 21.4 | 83 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 15/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.139 | 20.8 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.137 | 20.8 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.109 | 20.1 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.125 | 20.0 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.190 | 21.6 | 81 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 7:00 | 0.26 | 1.0 | 0.000 | 0.262 | 26.2 | 69 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 8:00 | 0.64 | 2.3 | 0.000 | 0.324 | 30.3 | 58 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 9:00 | 1.16 | 3.9 | 0.000 | 0.366 | 34.4 | 54 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 10:00 | 1.93 | 5.2 | 0.000 | 0.414 | 35.8 | 56 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 11:00 | 2.44 | 6.0 | 0.000 | 0.451 | 35.1 | 58 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 12:00 | 2.61 | 6.1 | 0.000 | 0.479 | 36.0 | 49 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 13:00 | 2.40 | 5.9 | 0.000 | 0.512 | 38.4 | 47 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 14:00 | 1.89 | 5.1 | 0.000 | 0.535 | 39.4 | 45 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 15:00 | 1.24 | 3.6 | 0.000 | 0.551 | 40.1 | 45 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 16:00 | 0.64 | 2.1 | 0.000 | 0.560 | 40.4 | 46 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 17:00 | 0.26 | 1.0 | 0.000 | 0.558 | 39.8 | 50 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.546 | 37.1 | 57 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.461 | 33.0 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.447 | 29.8 | 72 | 0.05 | 1367 | 1 | 99.9 | 60 |
| 15/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.433 | 29.0 | 74 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.405 | 28.1 | 76 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 15/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.387 | 27.3 | 77 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.363 | 26.7 | 78 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 16/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 16/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.299 | 25.7 | 78 | 0.03 | 1369 | 1 | 100.0 | 60 |
| 16/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.257 | 24.1 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.282 | 24.2 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.257 | 23.9 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.225 | 23.1 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.262 | 24.2 | 79 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 7:00 | 0.26 | 1.0 | 0.000 | 0.359 | 28.4 | 71 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 8:00 | 0.69 | 2.2 | 0.000 | 0.412 | 33.2 | 63 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 9:00 | 1.24 | 3.7 | 0.000 | 0.440 | 34.7 | 56 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 10:00 | 1.93 | 5.3 | 0.000 | 0.479 | 37.3 | 52 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 11:00 | 2.31 | 6.2 | 0.000 | 0.507 | 37.9 | 50 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 12:00 | 2.36 | 6.3 | 0.000 | 0.532 | 38.4 | 47 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 13:00 | 2.06 | 6.1 | 0.000 | 0.551 | 39.7 | 46 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 14:00 | 0.56 | 4.4 | 0.000 | 0.356 | 35.9 | 50 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 15:00 | 0.69 | 3.4 | 0.000 | 0.310 | 33.1 | 53 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 16:00 | 0.17 | 0.9 | 0.000 | 0.278 | 30.1 | 55 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 17:00 | 0.13 | 0.7 | 0.000 | 0.292 | 30.0 | 61 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.250 | 26.9 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.201 | 24.3 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.178 | 22.8 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.171 | 22.2 | 78 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.252 | 22.9 | 80 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 16/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.275 | 23.9 | 79 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.243 | 23.8 | 78 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 17/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 17/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.164 | 22.2 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.199 | 21.9 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.171 | 21.9 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.139 | 21.2 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.132 | 20.8 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.169 | 22.2 | 78 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 7:00 | 0.26 | 1.0 | 0.000 | 0.280 | 26.9 | 73 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 8:00 | 0.64 | 2.2 | 0.000 | 0.340 | 30.3 | 66 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 9:00 | 1.24 | 3.6 | 0.000 | 0.394 | 32.9 | 60 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 10:00 | 1.80 | 5.2 | 0.000 | 0.451 | 34.8 | 57 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 11:00 | 1.67 | 6.0 | 0.000 | 0.458 | 36.7 | 49 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 12:00 | 2.10 | 6.6 | 0.000 | 0.451 | 37.6 | 46 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 13:00 | 1.16 | 6.5 | 0.000 | 0.435 | 37.3 | 49 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 14:00 | 0.69 | 4.1 | 0.000 | 0.317 | 34.1 | 48 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 15:00 | 0.77 | 2.5 | 0.000 | 0.324 | 34.1 | 45 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 16:00 | 0.60 | 1.8 | 0.000 | 0.377 | 35.8 | 44 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 17:00 | 0.26 | 1.0 | 0.000 | 0.438 | 36.9 | 50 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.433 | 34.3 | 58 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.356 | 29.8 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.273 | 26.1 | 74 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.243 | 24.4 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.215 | 23.4 | 78 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.257 | 23.3 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.252 | 23.6 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 18/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 18/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.234 | 23.3 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.255 | 23.4 | 81 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.266 | 23.8 | 81 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.266 | 23.8 | 81 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.236 | 23.6 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.208 | 23.9 | 78 | 0.05 | 1330 | 1 | 97.2 | 60 |
| 18/12/09 | 7:00 | 0.26 | 1.0 | 0.000 | 0.322 | 28.4 | 71 | 0.18 | 1331 | 1 | 97.3 | 60 |
| 18/12/09 | 8:00 | 0.69 | 2.2 | 0.000 | 0.363 | 32.0 | 58 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 9:00 | 1.20 | 3.6 | 0.000 | 0.405 | 35.2 | 55 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 10:00 | 1.84 | 5.2 | 0.000 | 0.426 | 36.0 | 52 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 11:00 | 2.36 | 5.8 | 0.000 | 0.444 | 36.2 | 53 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 12:00 | 2.44 | 5.9 | 0.000 | 0.465 | 36.6 | 47 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 13:00 | 2.27 | 5.6 | 0.000 | 0.495 | 38.5 | 45 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 14:00 | 1.84 | 4.9 | 0.000 | 0.525 | 39.5 | 45 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 15:00 | 1.24 | 3.6 | 0.000 | 0.551 | 40.2 | 44 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 16:00 | 0.56 | 2.1 | 0.000 | 0.491 | 39.6 | 44 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 17:00 | 0.21 | 0.8 | 0.000 | 0.424 | 37.1 | 50 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.373 | 32.5 | 57 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.324 | 28.9 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.319 | 26.6 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.299 | 25.7 | 73 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.315 | 25.5 | 74 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.275 | 24.6 | 76 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.301 | 24.5 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 19/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 19/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.306 | 24.8 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.310 | 24.9 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.317 | 25.2 | 77 | 0.05 | 1331 | 1 | 97.3 | 60 |
| 19/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.310 | 25.1 | 77 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.271 | 24.5 | 78 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.259 | 24.6 | 74 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 7:00 | 0.26 | 0.9 | 0.000 | 0.282 | 27.4 | 68 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 8:00 | 0.60 | 2.1 | 0.000 | 0.319 | 30.0 | 62 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 9:00 | 1.20 | 3.5 | 0.000 | 0.363 | 32.1 | 58 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 10:00 | 1.80 | 4.8 | 0.000 | 0.387 | 32.9 | 56 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 11:00 | 2.23 | 5.6 | 0.000 | 0.417 | 33.4 | 54 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 12:00 | 2.44 | 5.7 | 0.000 | 0.447 | 35.2 | 45 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 13:00 | 2.27 | 5.6 | 0.000 | 0.481 | 37.8 | 43 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 14:00 | 1.80 | 4.8 | 0.000 | 0.505 | 38.8 | 42 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 15:00 | 1.20 | 3.5 | 0.000 | 0.528 | 39.5 | 41 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 16:00 | 0.64 | 2.1 | 0.000 | 0.537 | 39.7 | 42 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 17:00 | 0.26 | 0.9 | 0.000 | 0.542 | 39.2 | 46 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 18:00 | 0.04 | 0.3 | 0.000 | 0.507 | 36.2 | 53 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.442 | 31.9 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.419 | 28.7 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.377 | 27.3 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.370 | 26.2 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 19/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.366 | 26.2 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.301 | 25.2 | 73 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 20/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 20/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.215 | 23.4 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.176 | 21.9 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.171 | 21.6 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.162 | 21.3 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.257 | 22.0 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.289 | 24.7 | 71 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 7:00 | 0.26 | 1.0 | 0.000 | 0.310 | 27.8 | 65 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 8:00 | 0.64 | 2.1 | 0.000 | 0.350 | 30.8 | 57 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 9:00 | 1.20 | 3.6 | 0.000 | 0.380 | 33.1 | 54 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 10:00 | 1.80 | 4.9 | 0.000 | 0.414 | 34.2 | 52 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 11:00 | 2.36 | 5.8 | 0.000 | 0.451 | 34.7 | 52 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 12:00 | 2.49 | 5.9 | 0.000 | 0.495 | 36.3 | 44 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 13:00 | 2.31 | 5.8 | 0.000 | 0.519 | 38.7 | 43 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 14:00 | 1.89 | 5.1 | 0.000 | 0.551 | 39.9 | 42 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 15:00 | 1.20 | 3.5 | 0.000 | 0.569 | 40.5 | 41 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 16:00 | 0.51 | 1.9 | 0.000 | 0.567 | 40.2 | 43 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 17:00 | 0.21 | 0.8 | 0.000 | 0.563 | 39.1 | 48 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.532 | 36.2 | 52 | 0.05 | 1307 | 1 | 95.5 | 60 |
| 20/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.461 | 32.2 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.391 | 28.5 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.350 | 26.5 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.296 | 25.4 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.273 | 24.5 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.252 | 24.1 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 21/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 21/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.241 | 23.6 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.225 | 23.2 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.220 | 22.8 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.220 | 22.7 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.204 | 22.4 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 6:00 | 0.00 | 0.3 | 0.000 | 0.220 | 23.6 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 7:00 | 0.21 | 0.7 | 0.000 | 0.326 | 29.8 | 54 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 8:00 | 0.47 | 1.5 | 0.000 | 0.412 | 34.0 | 48 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 9:00 | 0.90 | 2.8 | 0.000 | 0.454 | 37.0 | 46 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 10:00 | 1.46 | 4.8 | 0.000 | 0.500 | 38.9 | 46 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 11:00 | 1.97 | 5.1 | 0.000 | 0.544 | 40.1 | 46 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 12:00 | 2.27 | 5.6 | 0.000 | 0.556 | 39.4 | 43 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 13:00 | 2.10 | 5.2 | 0.000 | 0.597 | 40.9 | 43 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 14:00 | 0.99 | 4.3 | 0.000 | 0.491 | 39.5 | 46 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 15:00 | 1.07 | 3.2 | 0.000 | 0.421 | 37.3 | 40 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 16:00 | 0.26 | 1.6 | 0.000 | 0.384 | 35.3 | 50 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 17:00 | 0.00 | 0.0 | 0.000 | 0.350 | 31.3 | 57 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.329 | 28.3 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.315 | 26.6 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.262 | 25.2 | 70 | 0.03 | 1308 | 1 | 95.6 | 60 |
| 21/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.266 | 24.6 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.282 | 24.7 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.269 | 24.4 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.264 | 24.2 | 73 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 22/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 22/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.206 | 23.2 | 74 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 22/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.6 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.201 | 22.4 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.204 | 22.4 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.220 | 22.8 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.243 | 23.7 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 7:00 | 0.09 | 0.5 | 0.000 | 0.296 | 26.9 | 58 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 8:00 | 0.21 | 0.7 | 0.000 | 0.322 | 30.2 | 54 | 0.08 | 1367 | 1 | 99.9 | 60 |
| 22/12/09 | 9:00 | 0.60 | 1.8 | 0.000 | 0.363 | 33.2 | 46 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 10:00 | 0.81 | 2.6 | 0.000 | 0.394 | 35.8 | 44 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 11:00 | 1.50 | 4.8 | 0.000 | 0.456 | 38.3 | 43 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 12:00 | 1.71 | 5.6 | 0.000 | 0.475 | 39.4 | 42 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 13:00 | 2.14 | 5.4 | 0.000 | 0.525 | 40.0 | 42 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 14:00 | 1.50 | 4.7 | 0.000 | 0.544 | 40.7 | 42 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 15:00 | 0.99 | 3.0 | 0.000 | 0.553 | 40.8 | 42 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 16:00 | 0.34 | 1.2 | 0.000 | 0.509 | 39.5 | 42 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 17:00 | 0.17 | 0.7 | 0.000 | 0.484 | 37.6 | 48 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.456 | 34.4 | 53 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.421 | 31.4 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.350 | 28.3 | 66 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.287 | 26.2 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.243 | 24.8 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.229 | 23.9 | 73 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.234 | 23.5 | 74 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 23/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 23/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.245 | 23.6 | 74 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 23/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.255 | 23.8 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.252 | 23.8 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.241 | 23.5 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.208 | 23.0 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 6:00 | 0.04 | 0.3 | 0.000 | 0.213 | 23.8 | 68 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 7:00 | 0.26 | 1.0 | 0.000 | 0.289 | 29.1 | 56 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 8:00 | 0.64 | 2.1 | 0.000 | 0.352 | 32.4 | 54 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 9:00 | 1.20 | 4.0 | 0.000 | 0.400 | 34.6 | 48 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 10:00 | 1.59 | 4.4 | 0.000 | 0.438 | 37.3 | 44 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 11:00 | 1.67 | 4.9 | 0.000 | 0.475 | 38.7 | 42 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 12:00 | 1.89 | 6.7 | 0.000 | 0.539 | 40.2 | 42 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 13:00 | 1.97 | 6.7 | 0.000 | 0.586 | 41.2 | 43 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 14:00 | 1.63 | 4.9 | 0.000 | 0.616 | 41.7 | 43 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 15:00 | 0.30 | 3.7 | 0.000 | 0.486 | 38.2 | 49 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 16:00 | 0.04 | 0.4 | 0.000 | 0.257 | 29.8 | 58 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 17:00 | 0.17 | 0.4 | 0.000 | 0.356 | 29.4 | 54 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.417 | 31.3 | 60 | 0.05 | 1307 | 1 | 95.5 | 60 |
| 23/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.333 | 28.0 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.347 | 26.5 | 70 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.347 | 26.4 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.287 | 25.1 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.299 | 24.6 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.252 | 24.3 | 74 | 0.00 | 1367 | 1 | 99.9 | 60 |

Ivinhema 24/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 24/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.236 | 23.5 | 74 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 24/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.225 | 23.1 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.201 | 22.7 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.192 | 22.3 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.183 | 22.2 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.201 | 22.7 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 7:00 | 0.21 | 0.9 | 0.000 | 0.266 | 26.1 | 59 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 8:00 | 0.64 | 2.3 | 0.000 | 0.387 | 31.9 | 55 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 9:00 | 0.99 | 3.3 | 0.000 | 0.426 | 35.4 | 46 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 10:00 | 1.33 | 4.1 | 0.000 | 0.463 | 38.1 | 44 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 11:00 | 1.93 | 6.7 | 0.000 | 0.512 | 39.8 | 43 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 12:00 | 1.80 | 6.7 | 0.000 | 0.539 | 40.4 | 46 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 13:00 | 0.26 | 1.4 | 0.000 | 0.375 | 34.3 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 14:00 | 0.09 | 0.8 | 0.000 | 0.245 | 27.4 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 15:00 | 0.13 | 0.6 | 0.000 | 0.227 | 26.2 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 16:00 | 0.00 | 0.0 | 0.000 | 0.218 | 24.8 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 17:00 | 0.00 | 0.0 | 0.000 | 0.250 | 24.3 | 73 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.262 | 24.4 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.259 | 24.3 | 78 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.266 | 24.0 | 80 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.238 | 23.7 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.238 | 23.6 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.243 | 23.6 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.245 | 23.6 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 25/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 25/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.220 | 23.2 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.211 | 22.9 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.220 | 22.9 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.218 | 22.8 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.215 | 22.8 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 6:00 | 0.00 | 0.3 | 0.000 | 0.225 | 23.4 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 7:00 | 0.21 | 0.7 | 0.000 | 0.285 | 28.1 | 62 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 8:00 | 0.30 | 1.0 | 0.000 | 0.315 | 31.0 | 61 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 9:00 | 0.56 | 2.5 | 0.000 | 0.347 | 31.8 | 53 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 10:00 | 1.50 | 5.6 | 0.000 | 0.442 | 37.0 | 49 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 11:00 | 1.46 | 6.1 | 0.000 | 0.456 | 38.1 | 49 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 12:00 | 1.20 | 4.9 | 0.000 | 0.384 | 36.3 | 46 | 0.23 | 1331 | 1 | 97.3 | 60 |
| 25/12/09 | 13:00 | 1.20 | 7.1 | 0.000 | 0.377 | 36.6 | 49 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 14:00 | 0.21 | 0.9 | 0.000 | 0.222 | 29.3 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 15:00 | 0.64 | 2.4 | 0.000 | 0.287 | 31.2 | 50 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 16:00 | 0.56 | 2.0 | 0.000 | 0.356 | 36.0 | 44 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 17:00 | 0.13 | 0.8 | 0.000 | 0.310 | 33.4 | 56 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.271 | 28.8 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.255 | 25.8 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.248 | 24.7 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.208 | 23.6 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.204 | 23.0 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.194 | 22.8 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.194 | 22.6 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 26/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 26/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.190 | 22.4 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.178 | 22.1 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.171 | 21.8 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.164 | 21.7 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.164 | 21.4 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 6:00 | 0.00 | 0.3 | 0.000 | 0.185 | 22.1 | 82 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 7:00 | 0.21 | 0.9 | 0.000 | 0.243 | 26.2 | 71 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 8:00 | 0.56 | 1.8 | 0.000 | 0.317 | 31.2 | 60 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 9:00 | 0.99 | 2.8 | 0.000 | 0.375 | 35.3 | 51 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 10:00 | 1.16 | 5.4 | 0.000 | 0.400 | 36.4 | 51 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 11:00 | 1.93 | 7.1 | 0.000 | 0.442 | 38.8 | 48 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 12:00 | 0.47 | 7.2 | 0.000 | 0.331 | 34.7 | 59 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 13:00 | 0.00 | 0.0 | 0.000 | 0.192 | 25.9 | 75 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 14:00 | 0.00 | 0.0 | 0.000 | 0.192 | 23.9 | 79 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 15:00 | 0.00 | 0.0 | 0.000 | 0.206 | 23.7 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 16:00 | 0.00 | 0.0 | 0.000 | 0.204 | 23.7 | 78 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 17:00 | 0.09 | 0.3 | 0.000 | 0.215 | 24.9 | 76 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.222 | 24.9 | 81 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.218 | 23.6 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.204 | 22.8 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.204 | 22.7 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.204 | 22.6 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.6 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.6 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 27/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 27/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.6 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.192 | 22.4 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.4 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.206 | 22.6 | 90 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 27/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.201 | 22.6 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.204 | 22.7 | 87 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 7:00 | 0.00 | 0.0 | 0.000 | 0.220 | 23.5 | 89 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 8:00 | 0.00 | 0.0 | 0.000 | 0.215 | 23.4 | 85 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 9:00 | 0.26 | 1.2 | 0.000 | 0.227 | 25.6 | 70 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 10:00 | 0.60 | 2.5 | 0.000 | 0.238 | 28.3 | 57 | 0.13 | 1331 | 1 | 97.3 | 60 |
| 27/12/09 | 11:00 | 0.81 | 3.1 | 0.000 | 0.273 | 31.8 | 60 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 12:00 | 0.60 | 1.7 | 0.000 | 0.245 | 30.0 | 57 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 13:00 | 0.94 | 2.6 | 0.000 | 0.271 | 32.3 | 50 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 14:00 | 1.03 | 2.7 | 0.000 | 0.333 | 35.3 | 49 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 15:00 | 0.81 | 2.2 | 0.000 | 0.361 | 36.7 | 48 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 16:00 | 0.51 | 2.0 | 0.000 | 0.382 | 36.6 | 48 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 17:00 | 0.34 | 1.2 | 0.000 | 0.412 | 36.9 | 54 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 18:00 | 0.04 | 0.3 | 0.000 | 0.368 | 33.1 | 64 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.315 | 28.6 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.259 | 25.8 | 82 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 27/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.238 | 24.4 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.234 | 23.9 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.229 | 23.6 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.229 | 23.4 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 28/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 28/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.225 | 23.3 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.211 | 22.9 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.7 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.5 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.194 | 22.4 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 6:00 | 0.00 | 0.3 | 0.000 | 0.204 | 22.9 | 84 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 7:00 | 0.21 | 0.9 | 0.000 | 0.243 | 25.9 | 72 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 8:00 | 0.60 | 2.0 | 0.000 | 0.340 | 31.3 | 63 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 9:00 | 0.99 | 3.9 | 0.000 | 0.412 | 35.3 | 54 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 10:00 | 1.07 | 4.0 | 0.000 | 0.433 | 37.0 | 53 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 11:00 | 1.54 | 6.1 | 0.000 | 0.477 | 38.4 | 51 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 12:00 | 1.54 | 5.0 | 0.000 | 0.514 | 39.7 | 50 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 13:00 | 1.46 | 4.8 | 0.000 | 0.546 | 40.7 | 50 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 14:00 | 0.99 | 3.2 | 0.000 | 0.537 | 40.4 | 50 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 15:00 | 0.73 | 2.2 | 0.000 | 0.535 | 39.9 | 51 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 16:00 | 0.43 | 1.3 | 0.000 | 0.525 | 39.1 | 53 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 17:00 | 0.21 | 0.7 | 0.000 | 0.516 | 38.0 | 53 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 18:00 | 0.04 | 0.3 | 0.000 | 0.470 | 35.8 | 63 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.382 | 30.9 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.326 | 27.5 | 81 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.289 | 25.7 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.275 | 24.8 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.294 | 24.6 | 88 | 0.00 | 1307 | 1 | 95.5 | 60 |
| 29/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.280 | 24.4 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 29/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 29/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.252 | 23.9 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.243 | 23.7 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.238 | 23.3 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.234 | 23.1 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.234 | 22.9 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 6:00 | 0.00 | 0.3 | 0.000 | 0.259 | 24.3 | 83 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 7:00 | 0.21 | 0.9 | 0.000 | 0.333 | 28.4 | 79 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 8:00 | 0.64 | 2.3 | 0.000 | 0.410 | 32.5 | 65 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 9:00 | 0.94 | 3.8 | 0.000 | 0.456 | 36.3 | 55 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 10:00 | 1.03 | 4.3 | 0.000 | 0.463 | 37.5 | 53 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 11:00 | 1.89 | 6.5 | 0.000 | 0.488 | 38.4 | 53 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 12:00 | 2.27 | 6.8 | 0.000 | 0.544 | 40.1 | 50 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 13:00 | 2.10 | 6.4 | 0.000 | 0.579 | 40.8 | 50 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 14:00 | 1.59 | 4.9 | 0.000 | 0.553 | 40.6 | 49 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 15:00 | 1.24 | 3.8 | 0.000 | 0.583 | 40.8 | 52 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 16:00 | 0.60 | 1.8 | 0.000 | 0.560 | 40.4 | 50 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 17:00 | 0.21 | 0.9 | 0.000 | 0.509 | 37.6 | 59 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.461 | 34.3 | 64 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.391 | 30.4 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.333 | 27.2 | 80 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.294 | 25.7 | 83 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.280 | 24.9 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.264 | 24.3 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.238 | 24.1 | 86 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 30/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 30/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.183 | 22.9 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.185 | 22.6 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.176 | 22.3 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.169 | 21.9 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.187 | 22.1 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.208 | 22.7 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 7:00 | 0.04 | 0.6 | 0.000 | 0.213 | 23.8 | 73 | 0.03 | 1367 | 1 | 99.9 | 60 |
| 30/12/09 | 8:00 | 0.30 | 0.9 | 0.000 | 0.236 | 28.5 | 65 | 0.10 | 1332 | 1 | 97.4 | 60 |
| 30/12/09 | 9:00 | 0.00 | 0.4 | 0.000 | 0.192 | 25.8 | 77 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 10:00 | 0.34 | 1.5 | 0.000 | 0.148 | 24.3 | 66 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 11:00 | 0.69 | 3.2 | 0.000 | 0.174 | 26.4 | 54 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 12:00 | 1.50 | 6.5 | 0.000 | 0.231 | 32.2 | 49 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 13:00 | 1.29 | 6.8 | 0.000 | 0.275 | 34.3 | 52 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 14:00 | 0.86 | 4.6 | 0.000 | 0.245 | 32.7 | 49 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 15:00 | 1.07 | 3.4 | 0.000 | 0.287 | 34.6 | 46 | 0.30 | 1331 | 1 | 97.3 | 60 |
| 30/12/09 | 16:00 | 0.39 | 1.8 | 0.000 | 0.264 | 33.1 | 57 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 17:00 | 0.00 | 0.3 | 0.000 | 0.225 | 28.3 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 18:00 | 0.00 | 0.0 | 0.000 | 0.234 | 26.4 | 75 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.213 | 24.6 | 82 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.187 | 23.2 | 85 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.167 | 22.4 | 87 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.171 | 22.0 | 88 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.171 | 22.1 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 00:00 | 0.00 | 0.0 | 0.000 | 0.185 | 22.2 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 31/12/09

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 31/12/09 | 1:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.4 | 90 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 2:00 | 0.00 | 0.0 | 0.000 | 0.229 | 22.9 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 3:00 | 0.00 | 0.0 | 0.000 | 0.208 | 23.0 | 91 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 4:00 | 0.00 | 0.0 | 0.000 | 0.199 | 22.7 | 92 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 5:00 | 0.00 | 0.0 | 0.000 | 0.192 | 22.4 | 92 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 6:00 | 0.00 | 0.0 | 0.000 | 0.197 | 22.7 | 89 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 7:00 | 0.17 | 0.6 | 0.000 | 0.227 | 25.4 | 69 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 8:00 | 0.21 | 0.6 | 0.000 | 0.245 | 28.1 | 72 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 9:00 | 0.17 | 0.7 | 0.000 | 0.222 | 25.9 | 72 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 10:00 | 0.39 | 1.2 | 0.000 | 0.257 | 28.2 | 66 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 11:00 | 0.69 | 3.5 | 0.000 | 0.275 | 29.8 | 54 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 12:00 | 1.33 | 4.0 | 0.000 | 0.336 | 34.6 | 50 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 13:00 | 1.41 | 5.6 | 0.000 | 0.377 | 36.6 | 50 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 14:00 | 1.16 | 4.0 | 0.000 | 0.394 | 37.8 | 49 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 15:00 | 1.20 | 3.9 | 0.000 | 0.419 | 38.3 | 48 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 16:00 | 0.60 | 2.3 | 0.000 | 0.440 | 38.3 | 53 | 0.20 | 1330 | 1 | 97.2 | 60 |
| 31/12/09 | 17:00 | 0.21 | 0.7 | 0.000 | 0.426 | 35.3 | 61 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 18:00 | 0.00 | 0.3 | 0.000 | 0.400 | 33.1 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 19:00 | 0.00 | 0.0 | 0.000 | 0.326 | 29.3 | 77 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 20:00 | 0.00 | 0.0 | 0.000 | 0.317 | 26.6 | 84 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 21:00 | 0.00 | 0.0 | 0.000 | 0.319 | 25.9 | 86 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 22:00 | 0.00 | 0.0 | 0.000 | 0.340 | 26.2 | 88 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 31/12/09 | 23:00 | 0.00 | 0.0 | 0.000 | 0.317 | 26.0 | 89 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/01/10 | 00:00 | 0.00 | 0.0 | 0.000 | 0.313 | 25.6 | 90 | 0.03 | 1368 | 1 | 100.0 | 60 |