

Ivinhema 1/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 1/01/05 | 1:00 | 22.4 | 22.6 | 21.7 | 100 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 22.4 | 24.4 | 24.4 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/05 | 2:00 | 21.7 | 21.9 | 21.6 | 100 | 21.7 | 0.0 | --- | 0.00 | 0.0 | --- | 21.7 | 23.7 | 23.7 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/05 | 3:00 | 21.4 | 21.8 | 21.0 | 100 | 21.4 | 0.0 | --- | 0.00 | 0.0 | --- | 21.4 | 23.4 | 23.4 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/05 | 4:00 | 20.9 | 21.3 | 20.6 | 100 | 20.9 | 0.0 | --- | 0.00 | 0.0 | --- | 20.9 | 22.8 | 22.8 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/05 | 5:00 | 20.9 | 21.1 | 20.7 | 100 | 20.9 | 0.0 | --- | 0.00 | 0.0 | --- | 20.9 | 22.8 | 22.8 | 756.0 | 0.0 | 0.0 | 2 | 0.17 | 7 | 0.0 |
| 1/01/05 | 6:00 | 21.6 | 22.9 | 20.9 | 100 | 21.6 | 0.0 | --- | 0.00 | 0.0 | --- | 21.6 | 23.6 | 23.6 | 756.6 | 0.0 | 0.0 | 57 | 4.90 | 125 | 0.0 |
| 1/01/05 | 7:00 | 25.2 | 27.7 | 22.9 | 76 | 20.7 | 0.0 | --- | 0.00 | 0.0 | --- | 25.2 | 26.8 | 26.8 | 756.7 | 0.0 | 0.0 | 216 | 18.58 | 299 | 0.4 |
| 1/01/05 | 8:00 | 28.4 | 29.2 | 27.6 | 73 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 28.4 | 32.2 | 32.2 | 756.9 | 0.0 | 0.0 | 389 | 33.46 | 472 | 1.0 |
| 1/01/05 | 9:00 | 30.1 | 30.8 | 29.2 | 66 | 23.0 | 0.0 | --- | 0.00 | 0.0 | --- | 30.1 | 34.3 | 34.3 | 756.8 | 0.0 | 0.0 | 554 | 47.65 | 621 | 1.7 |
| 1/01/05 | 10:00 | 31.5 | 32.1 | 30.8 | 61 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 31.5 | 36.2 | 36.2 | 756.7 | 0.0 | 0.0 | 684 | 58.83 | 739 | 2.9 |
| 1/01/05 | 11:00 | 32.7 | 33.2 | 31.9 | 61 | 24.2 | 1.6 | E | 1.61 | 9.7 | ESE | 32.7 | 38.7 | 38.7 | 756.3 | 0.0 | 0.0 | 781 | 67.17 | 867 | 3.5 |
| 1/01/05 | 12:00 | 33.4 | 34.0 | 33.1 | 52 | 22.2 | 3.2 | SE | 3.22 | 12.9 | SE | 33.4 | 37.6 | 37.6 | 755.9 | 0.0 | 0.0 | 739 | 63.56 | 906 | 3.5 |
| 1/01/05 | 13:00 | 34.3 | 35.1 | 33.7 | 47 | 21.4 | 4.8 | E | 4.83 | 12.9 | SE | 34.3 | 37.9 | 37.9 | 754.9 | 0.0 | 0.0 | 833 | 71.65 | 911 | 3.3 |
| 1/01/05 | 14:00 | 34.7 | 35.1 | 33.8 | 45 | 21.0 | 4.8 | S | 4.83 | 19.3 | SSW | 34.7 | 38.1 | 38.1 | 754.0 | 0.0 | 0.0 | 644 | 55.39 | 820 | 2.5 |
| 1/01/05 | 15:00 | 35.2 | 35.5 | 34.8 | 45 | 21.4 | 3.2 | SSE | 3.22 | 12.9 | SSE | 35.2 | 38.9 | 38.9 | 753.0 | 0.0 | 0.0 | 632 | 54.36 | 723 | 2.3 |
| 1/01/05 | 16:00 | 35.3 | 35.7 | 34.4 | 46 | 21.9 | 1.6 | ENE | 1.61 | 9.7 | ENE | 35.3 | 39.5 | 39.5 | 752.7 | 0.0 | 0.0 | 435 | 37.41 | 551 | 1.2 |
| 1/01/05 | 17:00 | 31.6 | 34.4 | 30.7 | 67 | 24.7 | 6.4 | N | 6.44 | 19.3 | ESE | 31.6 | 38.1 | 38.1 | 753.3 | 0.0 | 0.0 | 102 | 8.77 | 165 | 0.0 |
| 1/01/05 | 18:00 | 30.2 | 30.7 | 29.7 | 72 | 24.6 | 0.0 | NE | 0.00 | 8.0 | NE | 30.2 | 35.8 | 35.8 | 753.5 | 0.0 | 0.0 | 64 | 5.50 | 102 | 0.0 |
| 1/01/05 | 19:00 | 28.8 | 29.7 | 27.6 | 81 | 25.2 | 0.0 | SSE | 0.00 | 3.2 | SSE | 28.8 | 34.6 | 34.6 | 754.3 | 0.0 | 0.0 | 5 | 0.43 | 21 | 0.0 |
| 1/01/05 | 20:00 | 26.0 | 27.6 | 25.2 | 92 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 26.0 | 29.2 | 29.2 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/05 | 21:00 | 25.0 | 25.5 | 24.4 | 96 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 25.0 | 27.6 | 27.6 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/05 | 22:00 | 25.9 | 26.6 | 24.4 | 88 | 23.7 | 0.0 | SSW | 0.00 | 1.6 | SSW | 25.9 | 28.6 | 28.6 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/01/05 | 23:00 | 25.8 | 26.4 | 25.2 | 90 | 24.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.8 | 28.7 | 28.7 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 00:00 | 24.9 | 26.0 | 24.3 | 88 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 26.9 | 26.9 | 755.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 2/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 2/01/05 | 1:00 | 24.2 | 24.7 | 23.3 | 95 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.3 | 26.3 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 2:00 | 22.4 | 23.3 | 22.2 | 100 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 22.4 | 24.4 | 24.4 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 3:00 | 22.0 | 22.4 | 21.6 | 100 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 22.0 | 24.0 | 24.0 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 4:00 | 21.9 | 22.7 | 21.6 | 100 | 21.9 | 0.0 | --- | 0.00 | 0.0 | --- | 21.9 | 23.9 | 23.9 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 5:00 | 23.3 | 24.5 | 22.3 | 92 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 23.3 | 24.8 | 24.8 | 756.0 | 0.0 | 0.0 | 1 | 0.09 | 11 | 0.0 |
| 2/01/05 | 6:00 | 24.8 | 25.1 | 24.5 | 88 | 22.7 | 4.8 | ENE | 4.83 | 16.1 | ENE | 24.8 | 26.8 | 26.8 | 756.6 | 0.0 | 0.0 | 55 | 4.73 | 148 | 0.0 |
| 2/01/05 | 7:00 | 26.2 | 27.1 | 25.1 | 82 | 22.8 | 8.0 | ENE | 8.05 | 19.3 | ENE | 26.2 | 28.6 | 28.2 | 756.8 | 0.0 | 0.0 | 218 | 18.75 | 287 | 0.4 |
| 2/01/05 | 8:00 | 27.3 | 27.7 | 26.9 | 79 | 23.4 | 11.3 | E | 11.27 | 27.4 | E | 27.3 | 30.6 | 29.8 | 757.0 | 0.0 | 0.0 | 363 | 31.22 | 442 | 1.0 |
| 2/01/05 | 9:00 | 28.3 | 29.1 | 27.4 | 70 | 22.3 | 11.3 | E | 11.27 | 27.4 | ENE | 28.3 | 31.6 | 30.9 | 757.3 | 0.0 | 0.0 | 515 | 44.30 | 586 | 1.8 |
| 2/01/05 | 10:00 | 29.4 | 29.9 | 28.9 | 71 | 23.6 | 12.9 | ENE | 12.87 | 25.7 | ENE | 29.4 | 34.0 | 33.3 | 757.1 | 0.0 | 0.0 | 669 | 57.54 | 734 | 2.9 |
| 2/01/05 | 11:00 | 30.3 | 31.1 | 29.7 | 67 | 23.5 | 12.9 | E | 12.87 | 25.7 | ENE | 30.3 | 35.1 | 34.4 | 756.7 | 0.0 | 0.0 | 796 | 68.46 | 892 | 3.8 |
| 2/01/05 | 12:00 | 31.3 | 31.9 | 30.8 | 64 | 23.7 | 9.7 | E | 9.66 | 22.5 | E | 31.3 | 36.6 | 36.3 | 756.2 | 0.0 | 0.0 | 848 | 72.94 | 924 | 4.0 |
| 2/01/05 | 13:00 | 31.8 | 32.3 | 31.2 | 64 | 24.2 | 9.7 | E | 9.66 | 22.5 | ESE | 31.8 | 37.8 | 37.5 | 755.0 | 0.0 | 0.0 | 778 | 66.92 | 929 | 3.7 |
| 2/01/05 | 14:00 | 30.8 | 32.4 | 28.0 | 57 | 21.3 | 14.5 | N | 14.48 | 40.2 | N | 30.8 | 33.9 | 33.2 | 754.8 | 0.0 | 0.0 | 467 | 40.17 | 785 | 2.3 |
| 2/01/05 | 15:00 | 27.6 | 28.3 | 26.9 | 66 | 20.7 | 6.4 | NW | 6.44 | 19.3 | NNW | 27.6 | 29.6 | 29.6 | 754.2 | 0.0 | 0.0 | 149 | 12.82 | 245 | 0.7 |
| 2/01/05 | 16:00 | 26.6 | 26.9 | 26.1 | 77 | 22.2 | 3.2 | WNW | 3.22 | 17.7 | NW | 26.6 | 28.9 | 28.9 | 754.4 | 0.0 | 0.0 | 67 | 5.76 | 91 | 0.3 |
| 2/01/05 | 17:00 | 25.4 | 26.1 | 24.7 | 81 | 21.9 | 8.0 | W | 8.05 | 19.3 | WSW | 25.4 | 27.5 | 27.1 | 754.0 | 0.0 | 0.0 | 38 | 3.27 | 46 | 0.0 |
| 2/01/05 | 18:00 | 24.5 | 24.7 | 24.4 | 86 | 22.0 | 1.6 | W | 1.61 | 14.5 | WSW | 24.5 | 26.3 | 26.3 | 754.7 | 0.0 | 0.0 | 22 | 1.89 | 30 | 0.0 |
| 2/01/05 | 19:00 | 24.3 | 24.5 | 24.1 | 90 | 22.6 | 3.2 | WSW | 3.22 | 33.8 | N | 24.3 | 26.3 | 26.3 | 755.6 | 0.0 | 0.0 | 3 | 0.26 | 14 | 0.0 |
| 2/01/05 | 20:00 | 23.6 | 24.1 | 23.3 | 97 | 23.1 | 0.0 | W | 0.00 | 8.0 | W | 23.6 | 25.4 | 25.4 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 21:00 | 23.3 | 23.6 | 23.1 | 100 | 23.3 | 3.2 | E | 3.22 | 19.3 | SE | 23.3 | 25.3 | 25.3 | 757.5 | 2.2 | 10.2 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 22:00 | 22.5 | 23.1 | 22.3 | 98 | 22.2 | 9.7 | S | 9.66 | 22.5 | SSW | 22.5 | 24.3 | 23.3 | 756.8 | 0.6 | 1.8 | 0 | 0.00 | 0 | 0.0 |
| 2/01/05 | 23:00 | 22.3 | 22.9 | 22.0 | 100 | 22.3 | 3.2 | S | 3.22 | 16.1 | SW | 22.3 | 24.3 | 24.3 | 756.7 | 0.8 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 00:00 | 22.9 | 23.1 | 22.6 | 100 | 22.9 | 0.0 | ESE | 0.00 | 3.2 | E | 22.9 | 24.9 | 24.9 | 755.6 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 3/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 3/01/05 | 1:00 | 22.1 | 22.6 | 21.9 | 100 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 22.1 | 24.1 | 24.1 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 2:00 | 22.0 | 22.1 | 21.9 | 100 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 22.0 | 24.0 | 24.0 | 755.0 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 3:00 | 22.6 | 22.7 | 22.0 | 100 | 22.6 | 4.8 | SE | 4.83 | 16.1 | S | 22.6 | 24.6 | 24.6 | 755.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 4:00 | 22.8 | 22.9 | 22.7 | 97 | 22.3 | 4.8 | E | 4.83 | 17.7 | E | 22.8 | 24.6 | 24.6 | 755.5 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 5:00 | 22.7 | 22.9 | 22.5 | 97 | 22.2 | 6.4 | E | 6.44 | 17.7 | ESE | 22.7 | 24.4 | 24.4 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 6:00 | 22.6 | 22.8 | 22.5 | 99 | 22.4 | 6.4 | E | 6.44 | 16.1 | E | 22.6 | 24.4 | 24.4 | 755.8 | 0.2 | 0.0 | 19 | 1.63 | 32 | 0.0 |
| 3/01/05 | 7:00 | 22.8 | 22.9 | 22.8 | 94 | 21.8 | 8.0 | ENE | 8.05 | 19.3 | ESE | 22.8 | 24.3 | 23.8 | 756.5 | 0.2 | 0.0 | 58 | 4.99 | 70 | 0.2 |
| 3/01/05 | 8:00 | 22.7 | 22.9 | 22.6 | 98 | 22.4 | 6.4 | NE | 6.44 | 12.9 | NE | 22.7 | 24.5 | 24.5 | 756.9 | 0.2 | 0.0 | 81 | 6.97 | 107 | 0.4 |
| 3/01/05 | 9:00 | 22.8 | 23.3 | 22.7 | 99 | 22.7 | 3.2 | NE | 3.22 | 12.9 | ENE | 22.8 | 24.7 | 24.7 | 757.0 | 0.2 | 0.0 | 75 | 6.45 | 132 | 0.4 |
| 3/01/05 | 10:00 | 23.8 | 24.4 | 23.3 | 96 | 23.1 | 9.7 | E | 9.66 | 19.3 | E | 23.8 | 25.7 | 24.8 | 756.9 | 0.2 | 0.0 | 181 | 15.57 | 327 | 1.0 |
| 3/01/05 | 11:00 | 24.7 | 25.5 | 24.3 | 94 | 23.7 | 8.0 | ENE | 8.05 | 17.7 | E | 24.7 | 27.0 | 26.6 | 756.4 | 0.0 | 0.0 | 256 | 22.02 | 333 | 1.5 |
| 3/01/05 | 12:00 | 25.7 | 26.3 | 25.1 | 92 | 24.3 | 8.0 | ENE | 8.05 | 17.7 | NE | 25.7 | 28.7 | 28.3 | 755.9 | 0.2 | 0.0 | 238 | 20.47 | 419 | 1.5 |
| 3/01/05 | 13:00 | 26.2 | 26.9 | 25.3 | 78 | 22.0 | 9.7 | NE | 9.66 | 25.7 | N | 26.2 | 28.1 | 27.4 | 755.2 | 0.0 | 0.0 | 341 | 29.33 | 737 | 2.0 |
| 3/01/05 | 14:00 | 27.1 | 27.6 | 26.6 | 76 | 22.5 | 14.5 | NE | 14.48 | 29.0 | NNE | 27.1 | 29.7 | 28.5 | 754.6 | 0.2 | 0.0 | 319 | 27.44 | 795 | 2.0 |
| 3/01/05 | 15:00 | 26.0 | 26.6 | 25.6 | 87 | 23.7 | 9.7 | NE | 9.66 | 22.5 | NNE | 26.0 | 28.7 | 28.0 | 754.4 | 0.0 | 0.0 | 201 | 17.29 | 317 | 1.1 |
| 3/01/05 | 16:00 | 25.8 | 26.0 | 25.5 | 91 | 24.3 | 6.4 | NNE | 6.44 | 12.9 | NNE | 25.8 | 28.8 | 28.8 | 754.0 | 0.0 | 0.0 | 114 | 9.81 | 164 | 0.5 |
| 3/01/05 | 17:00 | 25.1 | 25.5 | 24.4 | 99 | 24.9 | 0.0 | NE | 0.00 | 9.7 | NE | 25.1 | 28.0 | 28.0 | 753.9 | 0.2 | 0.0 | 33 | 2.84 | 65 | 0.0 |
| 3/01/05 | 18:00 | 24.4 | 24.4 | 24.3 | 100 | 24.4 | 0.0 | SE | 0.00 | 8.0 | SW | 24.4 | 26.8 | 26.8 | 754.4 | 0.0 | 0.0 | 19 | 1.63 | 33 | 0.0 |
| 3/01/05 | 19:00 | 24.1 | 24.3 | 23.7 | 98 | 23.8 | 1.6 | SE | 1.61 | 11.3 | SE | 24.1 | 26.2 | 26.2 | 754.9 | 0.0 | 0.0 | 1 | 0.09 | 5 | 0.0 |
| 3/01/05 | 20:00 | 23.2 | 23.7 | 22.9 | 100 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 755.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 21:00 | 23.3 | 23.6 | 22.9 | 100 | 23.3 | 1.6 | E | 1.61 | 11.3 | ENE | 23.3 | 25.3 | 25.3 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 22:00 | 23.3 | 23.3 | 23.2 | 100 | 23.3 | 0.0 | ENE | 0.00 | 9.7 | NE | 23.3 | 25.3 | 25.3 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 3/01/05 | 23:00 | 23.4 | 23.7 | 23.3 | 100 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.4 | 25.4 | 755.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 00:00 | 23.2 | 23.3 | 22.9 | 100 | 23.2 | 0.0 | NE | 0.00 | 8.0 | NE | 23.2 | 25.2 | 25.2 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 4/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 4/01/05 | 1:00 | 22.7 | 22.9 | 22.6 | 100 | 22.7 | 3.2 | NE | 3.22 | 11.3 | NE | 22.7 | 24.7 | 24.7 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 2:00 | 22.6 | 22.7 | 22.5 | 100 | 22.6 | 0.0 | ENE | 0.00 | 4.8 | NE | 22.6 | 24.6 | 24.6 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 3:00 | 22.7 | 22.8 | 22.6 | 100 | 22.7 | 0.0 | ENE | 0.00 | 4.8 | ENE | 22.7 | 24.7 | 24.7 | 753.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 4:00 | 22.6 | 22.8 | 22.1 | 100 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.6 | 24.6 | 24.6 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 5:00 | 22.2 | 22.2 | 22.1 | 100 | 22.2 | 0.0 | --- | 0.00 | 0.0 | --- | 22.2 | 24.2 | 24.2 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 5 | 0.0 |
| 4/01/05 | 6:00 | 22.3 | 22.5 | 22.1 | 100 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.3 | 24.3 | 754.2 | 0.0 | 0.0 | 19 | 1.63 | 53 | 0.0 |
| 4/01/05 | 7:00 | 23.4 | 24.5 | 22.5 | 95 | 22.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.1 | 25.1 | 754.4 | 0.0 | 0.0 | 159 | 13.68 | 345 | 0.5 |
| 4/01/05 | 8:00 | 25.6 | 26.6 | 24.5 | 89 | 23.6 | 0.0 | N | 0.00 | 11.3 | NE | 25.6 | 28.1 | 28.1 | 754.2 | 0.2 | 0.0 | 342 | 29.42 | 709 | 1.1 |
| 4/01/05 | 9:00 | 26.1 | 26.6 | 25.8 | 92 | 24.7 | 3.2 | NW | 3.22 | 16.1 | NW | 26.1 | 29.4 | 29.4 | 754.0 | 0.0 | 0.0 | 207 | 17.80 | 292 | 1.1 |
| 4/01/05 | 10:00 | 27.3 | 28.6 | 25.8 | 77 | 22.9 | 8.0 | W | 8.05 | 19.3 | W | 27.3 | 30.3 | 30.0 | 753.6 | 0.0 | 0.0 | 547 | 47.05 | 1040 | 2.7 |
| 4/01/05 | 11:00 | 27.6 | 29.2 | 25.8 | 86 | 25.1 | 14.5 | W | 14.48 | 30.6 | WNW | 27.6 | 32.2 | 31.0 | 753.3 | 0.0 | 0.0 | 451 | 38.79 | 1133 | 2.7 |
| 4/01/05 | 12:00 | 28.6 | 29.9 | 26.8 | 70 | 22.6 | 11.3 | WNW | 11.27 | 25.7 | W | 28.6 | 32.2 | 31.6 | 752.4 | 0.0 | 0.0 | 594 | 51.09 | 1242 | 3.9 |
| 4/01/05 | 13:00 | 29.4 | 30.7 | 28.2 | 68 | 22.9 | 9.7 | WSW | 9.66 | 22.5 | W | 29.4 | 33.5 | 33.1 | 751.7 | 0.0 | 0.0 | 481 | 41.37 | 1068 | 3.0 |
| 4/01/05 | 14:00 | 30.5 | 31.2 | 29.5 | 72 | 24.9 | 9.7 | S | 9.66 | 22.5 | SSW | 30.5 | 36.5 | 36.1 | 751.0 | 0.0 | 0.0 | 458 | 39.39 | 1054 | 2.7 |
| 4/01/05 | 15:00 | 29.7 | 30.6 | 28.9 | 77 | 25.3 | 9.7 | S | 9.66 | 27.4 | S | 29.7 | 35.8 | 35.4 | 750.8 | 0.2 | 0.0 | 279 | 24.00 | 915 | 1.6 |
| 4/01/05 | 16:00 | 28.2 | 28.9 | 27.6 | 79 | 24.2 | 6.4 | SE | 6.44 | 22.5 | SE | 28.2 | 32.4 | 32.4 | 750.5 | 0.0 | 0.0 | 178 | 15.31 | 498 | 0.9 |
| 4/01/05 | 17:00 | 28.4 | 29.2 | 27.8 | 81 | 24.8 | 3.2 | E | 3.22 | 11.3 | SE | 28.4 | 33.4 | 33.4 | 750.9 | 0.0 | 0.0 | 119 | 10.24 | 509 | 0.4 |
| 4/01/05 | 18:00 | 25.7 | 27.8 | 24.8 | 92 | 24.3 | 11.3 | ENE | 11.27 | 22.5 | NE | 25.7 | 28.6 | 27.6 | 751.5 | 0.0 | 0.0 | 108 | 9.29 | 201 | 0.0 |
| 4/01/05 | 19:00 | 23.8 | 24.8 | 22.9 | 96 | 23.2 | 6.4 | NE | 6.44 | 19.3 | NE | 23.8 | 25.8 | 25.8 | 752.2 | 0.0 | 0.0 | 18 | 1.55 | 69 | 0.0 |
| 4/01/05 | 20:00 | 22.6 | 22.9 | 22.5 | 100 | 22.6 | 1.6 | NE | 1.61 | 8.0 | NE | 22.6 | 24.6 | 24.6 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 21:00 | 22.4 | 22.6 | 22.2 | 100 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 22.4 | 24.4 | 24.4 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 22:00 | 22.0 | 22.2 | 21.8 | 100 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 22.0 | 24.0 | 24.0 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 4/01/05 | 23:00 | 21.8 | 21.9 | 21.7 | 100 | 21.8 | 0.0 | --- | 0.00 | 0.0 | --- | 21.8 | 23.8 | 23.8 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 00:00 | 21.8 | 21.9 | 21.6 | 100 | 21.8 | 0.0 | --- | 0.00 | 0.0 | --- | 21.8 | 23.8 | 23.8 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 5/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 5/01/05 | 1:00 | 21.7 | 22.0 | 21.3 | 100 | 21.7 | 0.0 | --- | 0.00 | 0.0 | --- | 21.7 | 23.7 | 23.7 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 2:00 | 21.3 | 21.4 | 21.2 | 100 | 21.3 | 0.0 | --- | 0.00 | 0.0 | --- | 21.3 | 23.3 | 23.3 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 3:00 | 21.1 | 21.3 | 20.9 | 100 | 21.1 | 0.0 | --- | 0.00 | 0.0 | --- | 21.1 | 23.1 | 23.1 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 4:00 | 20.5 | 20.9 | 20.2 | 100 | 20.5 | 0.0 | --- | 0.00 | 0.0 | --- | 20.5 | 22.0 | 22.0 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 5:00 | 19.8 | 20.4 | 19.5 | 100 | 19.8 | 0.0 | --- | 0.00 | 0.0 | --- | 19.8 | 20.7 | 20.7 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 7 | 0.0 |
| 5/01/05 | 6:00 | 19.9 | 21.3 | 19.3 | 100 | 19.9 | 0.0 | --- | 0.00 | 0.0 | --- | 19.9 | 20.8 | 20.8 | 753.1 | 0.2 | 0.0 | 46 | 3.96 | 127 | 0.0 |
| 5/01/05 | 7:00 | 22.6 | 23.9 | 21.3 | 94 | 21.6 | 0.0 | --- | 0.00 | 0.0 | --- | 22.6 | 24.0 | 24.0 | 753.8 | 0.0 | 0.0 | 221 | 19.01 | 463 | 0.5 |
| 5/01/05 | 8:00 | 24.6 | 25.9 | 23.9 | 84 | 21.7 | 0.0 | --- | 0.00 | 0.0 | --- | 24.6 | 26.4 | 26.4 | 754.1 | 0.0 | 0.0 | 327 | 28.13 | 653 | 0.9 |
| 5/01/05 | 9:00 | 26.5 | 27.3 | 25.9 | 76 | 21.9 | 0.0 | --- | 0.00 | 0.0 | --- | 26.5 | 28.6 | 28.6 | 754.1 | 0.0 | 0.0 | 501 | 43.09 | 878 | 1.8 |
| 5/01/05 | 10:00 | 27.9 | 28.9 | 27.3 | 69 | 21.7 | 0.0 | ENE | 0.00 | 12.9 | ENE | 27.9 | 30.6 | 30.6 | 753.6 | 0.0 | 0.0 | 711 | 61.15 | 1022 | 2.9 |
| 5/01/05 | 11:00 | 28.6 | 29.3 | 28.2 | 66 | 21.6 | 3.2 | NE | 3.22 | 12.9 | N | 28.6 | 31.4 | 31.4 | 752.9 | 0.0 | 0.0 | 503 | 43.26 | 1070 | 3.2 |
| 5/01/05 | 12:00 | 29.3 | 30.3 | 27.1 | 74 | 24.2 | 6.4 | ENE | 6.44 | 27.4 | W | 29.3 | 34.4 | 34.4 | 752.7 | 0.0 | 0.0 | 648 | 55.74 | 1084 | 3.6 |
| 5/01/05 | 13:00 | 25.2 | 26.9 | 24.7 | 89 | 23.3 | 8.0 | NW | 8.05 | 25.7 | NW | 25.2 | 27.4 | 27.0 | 752.2 | 0.0 | 0.0 | 206 | 17.72 | 303 | 1.3 |
| 5/01/05 | 14:00 | 27.2 | 29.7 | 25.3 | 64 | 19.8 | 1.6 | N | 1.61 | 12.9 | N | 27.2 | 28.6 | 28.6 | 751.8 | 0.0 | 0.0 | 436 | 37.50 | 876 | 2.0 |
| 5/01/05 | 15:00 | 25.6 | 29.8 | 21.3 | 98 | 25.2 | 16.1 | N | 16.09 | 45.1 | N | 25.6 | 28.9 | 27.3 | 752.3 | 0.0 | 0.0 | 135 | 11.61 | 834 | 0.8 |
| 5/01/05 | 16:00 | 21.7 | 22.3 | 21.3 | 98 | 21.3 | 9.7 | NW | 9.66 | 25.7 | NNW | 21.7 | 23.4 | 22.4 | 751.3 | 0.0 | 0.0 | 75 | 6.45 | 97 | 0.4 |
| 5/01/05 | 17:00 | 22.7 | 23.3 | 22.3 | 95 | 21.9 | 0.0 | ENE | 0.00 | 8.0 | NW | 22.7 | 24.2 | 24.2 | 751.4 | 0.2 | 0.0 | 83 | 7.14 | 97 | 0.3 |
| 5/01/05 | 18:00 | 23.3 | 23.4 | 23.1 | 95 | 22.4 | 1.6 | ENE | 1.61 | 8.0 | ENE | 23.3 | 24.9 | 24.9 | 752.0 | 0.0 | 0.0 | 64 | 5.50 | 99 | 0.0 |
| 5/01/05 | 19:00 | 23.3 | 23.6 | 23.2 | 98 | 22.9 | 0.0 | ENE | 0.00 | 3.2 | W | 23.3 | 25.1 | 25.1 | 752.3 | 0.0 | 0.0 | 10 | 0.86 | 39 | 0.0 |
| 5/01/05 | 20:00 | 22.4 | 23.2 | 22.0 | 100 | 22.4 | 1.6 | NE | 1.61 | 8.0 | NE | 22.4 | 24.4 | 24.4 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 21:00 | 22.7 | 23.1 | 22.1 | 97 | 22.2 | 0.0 | --- | 0.00 | 0.0 | --- | 22.7 | 24.4 | 24.4 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 22:00 | 21.7 | 22.2 | 21.3 | 100 | 21.7 | 0.0 | --- | 0.00 | 0.0 | --- | 21.7 | 23.7 | 23.7 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 5/01/05 | 23:00 | 21.3 | 21.6 | 21.1 | 100 | 21.3 | 0.0 | NE | 0.00 | 1.6 | NE | 21.3 | 23.3 | 23.3 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 00:00 | 21.2 | 21.7 | 20.4 | 100 | 21.2 | 0.0 | --- | 0.00 | 0.0 | --- | 21.2 | 23.2 | 23.2 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 6/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 6/01/05 | 1:00 | 20.7 | 21.3 | 20.2 | 100 | 20.7 | 0.0 | --- | 0.00 | 0.0 | --- | 20.7 | 22.3 | 22.3 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 2:00 | 20.7 | 21.2 | 20.2 | 100 | 20.7 | 0.0 | --- | 0.00 | 0.0 | --- | 20.7 | 22.3 | 22.3 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 3:00 | 21.2 | 21.7 | 20.8 | 100 | 21.2 | 0.0 | --- | 0.00 | 0.0 | --- | 21.2 | 23.2 | 23.2 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 4:00 | 21.2 | 21.6 | 20.7 | 100 | 21.2 | 0.0 | --- | 0.00 | 0.0 | --- | 21.2 | 23.2 | 23.2 | 753.5 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 5:00 | 21.3 | 21.4 | 21.2 | 100 | 21.3 | 0.0 | --- | 0.00 | 0.0 | --- | 21.3 | 23.3 | 23.3 | 753.9 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 6/01/05 | 6:00 | 21.8 | 22.8 | 21.2 | 98 | 21.5 | 1.6 | ENE | 1.61 | 12.9 | E | 21.8 | 23.6 | 23.6 | 754.4 | 0.0 | 0.0 | 38 | 3.27 | 79 | 0.0 |
| 6/01/05 | 7:00 | 23.3 | 23.8 | 22.8 | 94 | 22.3 | 6.4 | ENE | 6.44 | 16.1 | ENE | 23.3 | 24.9 | 24.9 | 754.9 | 0.0 | 0.0 | 133 | 11.44 | 194 | 0.4 |
| 6/01/05 | 8:00 | 24.9 | 25.8 | 23.8 | 89 | 23.0 | 9.7 | NE | 9.66 | 19.3 | NE | 24.9 | 26.9 | 26.2 | 755.3 | 0.2 | 0.0 | 286 | 24.60 | 498 | 1.0 |
| 6/01/05 | 9:00 | 26.4 | 27.4 | 25.8 | 84 | 23.5 | 9.7 | N | 9.66 | 19.3 | N | 26.4 | 29.2 | 28.5 | 755.6 | 0.0 | 0.0 | 363 | 31.22 | 621 | 1.7 |
| 6/01/05 | 10:00 | 27.3 | 27.8 | 26.8 | 84 | 24.3 | 8.0 | N | 8.05 | 19.3 | N | 27.3 | 31.1 | 30.8 | 755.7 | 0.2 | 0.0 | 373 | 32.08 | 450 | 2.1 |
| 6/01/05 | 11:00 | 27.9 | 29.3 | 27.3 | 78 | 23.7 | 3.2 | N | 3.22 | 11.3 | NNW | 27.9 | 31.6 | 31.6 | 755.1 | 0.0 | 0.0 | 322 | 27.70 | 933 | 2.2 |
| 6/01/05 | 12:00 | 29.2 | 30.6 | 28.7 | 70 | 23.1 | 1.6 | ESE | 1.61 | 9.7 | SE | 29.2 | 33.3 | 33.3 | 754.0 | 0.0 | 0.0 | 474 | 40.77 | 1045 | 3.3 |
| 6/01/05 | 13:00 | 30.2 | 30.8 | 29.2 | 79 | 26.2 | 3.2 | ESE | 3.22 | 16.1 | SSW | 30.2 | 37.4 | 37.4 | 753.3 | 0.2 | 0.0 | 418 | 35.95 | 1070 | 3.2 |
| 6/01/05 | 14:00 | 25.8 | 29.1 | 23.8 | 85 | 23.1 | 9.7 | NW | 9.66 | 33.8 | NNW | 25.8 | 28.2 | 27.5 | 753.3 | 0.0 | 0.0 | 186 | 16.00 | 728 | 1.3 |
| 6/01/05 | 15:00 | 28.8 | 29.2 | 27.4 | 75 | 23.9 | 0.0 | ESE | 0.00 | 3.2 | SW | 28.8 | 33.4 | 33.4 | 752.8 | 0.2 | 0.0 | 291 | 25.03 | 581 | 1.5 |
| 6/01/05 | 16:00 | 28.1 | 29.1 | 27.3 | 80 | 24.3 | 6.4 | ENE | 6.44 | 22.5 | E | 28.1 | 32.3 | 32.3 | 752.9 | 0.0 | 0.0 | 151 | 12.99 | 172 | 0.7 |
| 6/01/05 | 17:00 | 27.5 | 27.7 | 27.3 | 85 | 24.8 | 4.8 | ENE | 4.83 | 12.9 | E | 27.5 | 31.8 | 31.8 | 753.0 | 0.0 | 0.0 | 106 | 9.12 | 137 | 0.4 |
| 6/01/05 | 18:00 | 27.2 | 27.7 | 26.1 | 89 | 25.2 | 4.8 | ENE | 4.83 | 12.9 | NNE | 27.2 | 31.4 | 31.4 | 753.2 | 0.2 | 0.0 | 71 | 6.11 | 93 | 0.1 |
| 6/01/05 | 19:00 | 25.4 | 26.1 | 24.5 | 95 | 24.6 | 0.0 | NE | 0.00 | 3.2 | NE | 25.4 | 28.4 | 28.4 | 754.5 | 0.0 | 0.0 | 8 | 0.69 | 35 | 0.0 |
| 6/01/05 | 20:00 | 24.0 | 24.5 | 23.7 | 97 | 23.5 | 0.0 | --- | 0.00 | 0.0 | --- | 24.0 | 26.1 | 26.1 | 754.7 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 21:00 | 23.3 | 23.7 | 22.9 | 100 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.3 | 25.3 | 25.3 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 22:00 | 22.9 | 23.2 | 22.7 | 99 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.9 | 24.8 | 24.8 | 755.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 6/01/05 | 23:00 | 22.3 | 23.1 | 21.9 | 100 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.3 | 24.3 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 00:00 | 22.2 | 22.3 | 22.0 | 100 | 22.2 | 0.0 | --- | 0.00 | 0.0 | --- | 22.2 | 24.2 | 24.2 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 7/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 7/01/05 | 1:00 | 21.7 | 22.1 | 21.3 | 100 | 21.7 | 0.0 | --- | 0.00 | 0.0 | --- | 21.7 | 23.7 | 23.7 | 754.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 2:00 | 21.3 | 21.8 | 20.9 | 100 | 21.3 | 0.0 | --- | 0.00 | 0.0 | --- | 21.3 | 23.3 | 23.3 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 3:00 | 20.9 | 21.2 | 20.7 | 100 | 20.9 | 0.0 | --- | 0.00 | 0.0 | --- | 20.9 | 22.7 | 22.7 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 4:00 | 21.1 | 21.9 | 20.5 | 100 | 21.1 | 0.0 | --- | 0.00 | 0.0 | --- | 21.1 | 23.1 | 23.1 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 5:00 | 20.9 | 21.9 | 20.6 | 100 | 20.9 | 0.0 | --- | 0.00 | 0.0 | --- | 20.9 | 22.8 | 22.8 | 755.5 | 0.2 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 7/01/05 | 6:00 | 22.2 | 23.9 | 21.0 | 100 | 22.2 | 0.0 | --- | 0.00 | 0.0 | --- | 22.2 | 24.2 | 24.2 | 756.0 | 0.0 | 0.0 | 55 | 4.73 | 139 | 0.0 |
| 7/01/05 | 7:00 | 24.9 | 25.9 | 23.9 | 93 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 27.2 | 27.2 | 756.4 | 0.0 | 0.0 | 219 | 18.84 | 377 | 0.5 |
| 7/01/05 | 8:00 | 26.4 | 27.4 | 25.6 | 85 | 23.7 | 8.0 | NE | 8.05 | 19.3 | NE | 26.4 | 29.4 | 29.0 | 756.7 | 0.0 | 0.0 | 346 | 29.76 | 611 | 1.0 |
| 7/01/05 | 9:00 | 27.8 | 28.9 | 26.9 | 81 | 24.2 | 8.0 | N | 8.05 | 22.5 | NE | 27.8 | 31.7 | 31.4 | 756.8 | 0.0 | 0.0 | 576 | 49.54 | 776 | 2.1 |
| 7/01/05 | 10:00 | 29.4 | 30.1 | 28.9 | 80 | 25.6 | 8.0 | N | 8.05 | 17.7 | N | 29.4 | 35.8 | 35.5 | 756.5 | 0.2 | 0.0 | 526 | 45.24 | 987 | 2.7 |
| 7/01/05 | 11:00 | 30.1 | 31.0 | 27.7 | 89 | 28.1 | 6.4 | N | 6.44 | 19.3 | ENE | 30.1 | 40.2 | 40.2 | 756.4 | 0.0 | 0.0 | 423 | 36.38 | 1056 | 2.9 |
| 7/01/05 | 12:00 | 25.8 | 27.6 | 25.0 | 89 | 23.9 | 8.0 | E | 8.05 | 27.4 | E | 25.8 | 28.6 | 28.2 | 756.0 | 0.0 | 0.0 | 189 | 16.26 | 487 | 1.9 |
| 7/01/05 | 13:00 | 29.2 | 30.3 | 26.6 | 75 | 24.3 | 6.4 | ESE | 6.44 | 12.9 | ESE | 29.2 | 34.3 | 34.3 | 755.0 | 0.2 | 0.0 | 886 | 76.21 | 924 | 5.0 |
| 7/01/05 | 14:00 | 30.9 | 32.2 | 29.8 | 68 | 24.3 | 6.4 | E | 6.44 | 17.7 | E | 30.9 | 36.4 | 36.4 | 754.0 | 0.0 | 0.0 | 748 | 64.34 | 864 | 3.8 |
| 7/01/05 | 15:00 | 31.4 | 32.1 | 30.6 | 71 | 25.5 | 4.8 | ESE | 4.83 | 17.7 | ENE | 31.4 | 38.5 | 38.5 | 753.6 | 0.0 | 0.0 | 220 | 18.92 | 816 | 1.6 |
| 7/01/05 | 16:00 | 29.9 | 30.8 | 29.4 | 74 | 24.8 | 4.8 | S | 4.83 | 16.1 | ESE | 29.9 | 35.7 | 35.7 | 753.2 | 0.0 | 0.0 | 174 | 14.97 | 560 | 1.0 |
| 7/01/05 | 17:00 | 31.6 | 32.2 | 30.4 | 72 | 25.9 | 6.4 | E | 6.44 | 30.6 | ENE | 31.6 | 39.4 | 39.4 | 753.8 | 0.0 | 0.0 | 312 | 26.84 | 431 | 0.6 |
| 7/01/05 | 18:00 | 29.4 | 30.4 | 28.7 | 81 | 25.8 | 8.0 | ENE | 8.05 | 22.5 | NNE | 29.4 | 36.1 | 35.9 | 754.0 | 0.0 | 0.0 | 97 | 8.34 | 202 | 0.1 |
| 7/01/05 | 19:00 | 27.4 | 28.7 | 26.2 | 90 | 25.7 | 8.0 | ENE | 8.05 | 16.1 | NE | 27.4 | 32.3 | 32.0 | 754.7 | 0.0 | 0.0 | 8 | 0.69 | 33 | 0.0 |
| 7/01/05 | 20:00 | 25.8 | 26.2 | 25.1 | 97 | 25.3 | 4.8 | ENE | 4.83 | 12.9 | ENE | 25.8 | 29.3 | 29.3 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 21:00 | 24.8 | 25.1 | 24.3 | 99 | 24.7 | 1.6 | ENE | 1.61 | 11.3 | NE | 24.8 | 27.6 | 27.6 | 755.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 22:00 | 24.0 | 24.3 | 23.8 | 100 | 24.0 | 0.0 | --- | 0.00 | 0.0 | --- | 24.0 | 26.1 | 26.1 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 7/01/05 | 23:00 | 24.1 | 24.4 | 23.8 | 99 | 23.9 | 0.0 | NE | 0.00 | 1.6 | NE | 24.1 | 26.2 | 26.2 | 755.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 00:00 | 24.0 | 24.3 | 23.7 | 100 | 24.0 | 0.0 | --- | 0.00 | 0.0 | --- | 24.0 | 26.1 | 26.1 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 8/01/05

| 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 |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 8/01/05 | 1:00 | 23.4 | 23.9 | 22.3 | 100 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.4 | 25.4 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 2:00 | 22.8 | 23.2 | 22.3 | 100 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.8 | 24.8 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 3:00 | 22.8 | 23.7 | 22.3 | 100 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.8 | 24.8 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 4:00 | 24.2 | 24.4 | 23.7 | 100 | 24.2 | 1.6 | ENE | 1.61 | 8.0 | ENE | 24.2 | 26.4 | 26.4 | 755.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 5:00 | 24.3 | 24.6 | 23.3 | 100 | 24.3 | 0.0 | E | 0.00 | 4.8 | E | 24.3 | 26.7 | 26.7 | 755.5 | 0.2 | 0.0 | 1 | 0.09 | 5 | 0.0 |
| 8/01/05 | 6:00 | 22.8 | 23.6 | 22.4 | 100 | 22.8 | 0.0 | NE | 0.00 | 3.2 | NE | 22.8 | 24.8 | 24.8 | 756.1 | 0.0 | 0.0 | 42 | 3.61 | 102 | 0.0 |
| 8/01/05 | 7:00 | 25.1 | 26.7 | 23.6 | 92 | 23.7 | 0.0 | E | 0.00 | 9.7 | E | 25.1 | 27.3 | 27.3 | 756.4 | 0.0 | 0.0 | 222 | 19.09 | 311 | 0.5 |
| 8/01/05 | 8:00 | 27.9 | 29.2 | 26.8 | 83 | 24.8 | 4.8 | ENE | 4.83 | 11.3 | E | 27.9 | 32.6 | 32.6 | 756.6 | 0.0 | 0.0 | 398 | 34.23 | 486 | 1.2 |
| 8/01/05 | 9:00 | 30.1 | 31.0 | 29.1 | 70 | 24.0 | 6.4 | NE | 6.44 | 17.7 | NNE | 30.1 | 35.1 | 35.1 | 756.6 | 0.0 | 0.0 | 562 | 48.34 | 649 | 2.2 |
| 8/01/05 | 10:00 | 31.4 | 31.8 | 31.0 | 67 | 24.6 | 9.7 | N | 9.66 | 20.9 | N | 31.4 | 37.6 | 37.3 | 756.2 | 0.0 | 0.0 | 700 | 60.21 | 832 | 3.3 |
| 8/01/05 | 11:00 | 32.2 | 32.6 | 31.7 | 64 | 24.5 | 11.3 | N | 11.27 | 25.7 | N | 32.2 | 38.7 | 38.4 | 755.7 | 0.0 | 0.0 | 631 | 54.27 | 1052 | 3.6 |
| 8/01/05 | 12:00 | 33.2 | 34.1 | 32.3 | 56 | 23.2 | 9.7 | N | 9.66 | 20.9 | NNW | 33.2 | 38.3 | 38.1 | 754.9 | 0.0 | 0.0 | 783 | 67.35 | 1063 | 4.4 |
| 8/01/05 | 13:00 | 34.1 | 34.6 | 33.4 | 55 | 23.8 | 11.3 | N | 11.27 | 25.7 | NNW | 34.1 | 40.3 | 40.1 | 753.8 | 0.0 | 0.0 | 846 | 72.77 | 970 | 4.7 |
| 8/01/05 | 14:00 | 34.3 | 34.8 | 33.8 | 52 | 23.1 | 9.7 | N | 9.66 | 25.7 | NW | 34.3 | 39.6 | 39.5 | 752.8 | 0.0 | 0.0 | 728 | 62.62 | 896 | 3.6 |
| 8/01/05 | 15:00 | 34.8 | 35.3 | 34.1 | 44 | 20.8 | 9.7 | NW | 9.66 | 22.5 | NNW | 34.8 | 37.9 | 37.9 | 752.2 | 0.0 | 0.0 | 674 | 57.97 | 790 | 2.7 |
| 8/01/05 | 16:00 | 34.9 | 35.2 | 34.6 | 50 | 22.9 | 9.7 | WNW | 9.66 | 22.5 | NW | 34.9 | 39.8 | 39.8 | 751.8 | 0.0 | 0.0 | 487 | 41.89 | 586 | 1.6 |
| 8/01/05 | 17:00 | 34.3 | 34.9 | 33.5 | 55 | 24.0 | 3.2 | WNW | 3.22 | 12.9 | N | 34.3 | 40.8 | 40.8 | 751.8 | 0.2 | 0.0 | 236 | 20.30 | 452 | 0.6 |
| 8/01/05 | 18:00 | 32.7 | 33.5 | 31.9 | 67 | 25.8 | 0.0 | NW | 0.00 | 3.2 | NW | 32.7 | 41.1 | 41.1 | 752.2 | 0.0 | 0.0 | 70 | 6.02 | 113 | 0.1 |
| 8/01/05 | 19:00 | 31.0 | 32.1 | 28.9 | 79 | 26.9 | 0.0 | NE | 0.00 | 3.2 | NE | 31.0 | 39.8 | 39.8 | 752.2 | 0.0 | 0.0 | 7 | 0.60 | 28 | 0.0 |
| 8/01/05 | 20:00 | 28.4 | 28.9 | 27.7 | 81 | 24.9 | 3.2 | SSW | 3.22 | 19.3 | SSW | 28.4 | 33.6 | 33.6 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 21:00 | 26.9 | 27.7 | 26.2 | 85 | 24.2 | 1.6 | SSW | 1.61 | 12.9 | SSW | 26.9 | 30.3 | 30.3 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 22:00 | 25.7 | 26.2 | 25.2 | 92 | 24.3 | 0.0 | SSW | 0.00 | 8.0 | SSW | 25.7 | 28.6 | 28.6 | 754.6 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 8/01/05 | 23:00 | 25.2 | 25.4 | 25.0 | 94 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 25.2 | 27.8 | 27.8 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 00:00 | 25.7 | 26.4 | 25.0 | 92 | 24.3 | 4.8 | ENE | 4.83 | 19.3 | NE | 25.7 | 28.6 | 28.6 | 753.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 9/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 9/01/05 | 1:00 | 25.2 | 26.1 | 24.8 | 94 | 24.2 | 4.8 | NE | 4.83 | 16.1 | ENE | 25.2 | 27.8 | 27.8 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 2:00 | 24.7 | 25.0 | 24.6 | 97 | 24.2 | 4.8 | NE | 4.83 | 11.3 | ENE | 24.7 | 27.2 | 27.2 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 3:00 | 25.3 | 25.5 | 25.0 | 93 | 24.1 | 8.0 | ENE | 8.05 | 19.3 | ENE | 25.3 | 27.8 | 27.4 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 4:00 | 24.9 | 25.1 | 24.5 | 98 | 24.6 | 4.8 | NE | 4.83 | 12.9 | NE | 24.9 | 27.6 | 27.6 | 753.7 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 5:00 | 24.3 | 24.5 | 24.1 | 100 | 24.3 | 1.6 | ENE | 1.61 | 9.7 | ENE | 24.3 | 26.6 | 26.6 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 6:00 | 24.7 | 25.2 | 24.1 | 97 | 24.2 | 4.8 | ENE | 4.83 | 14.5 | ENE | 24.7 | 27.2 | 27.2 | 754.6 | 0.0 | 0.0 | 22 | 1.89 | 37 | 0.0 |
| 9/01/05 | 7:00 | 25.3 | 25.4 | 25.2 | 97 | 24.8 | 8.0 | ENE | 8.05 | 16.1 | ENE | 25.3 | 28.3 | 27.9 | 755.0 | 0.0 | 0.0 | 43 | 3.70 | 55 | 0.0 |
| 9/01/05 | 8:00 | 25.2 | 25.4 | 24.8 | 99 | 25.0 | 8.0 | ENE | 8.05 | 19.3 | E | 25.2 | 28.2 | 27.8 | 755.1 | 0.0 | 0.0 | 48 | 4.13 | 56 | 0.2 |
| 9/01/05 | 9:00 | 24.9 | 25.1 | 24.7 | 100 | 24.9 | 6.4 | E | 6.44 | 16.1 | NE | 24.9 | 27.8 | 27.8 | 755.2 | 0.0 | 0.0 | 67 | 5.76 | 97 | 0.4 |
| 9/01/05 | 10:00 | 25.4 | 25.8 | 25.1 | 97 | 24.9 | 9.7 | ENE | 9.66 | 19.3 | NE | 25.4 | 28.5 | 27.8 | 754.8 | 0.0 | 0.0 | 151 | 12.99 | 208 | 0.9 |
| 9/01/05 | 11:00 | 26.4 | 27.7 | 25.8 | 92 | 25.0 | 9.7 | NE | 9.66 | 19.3 | NE | 26.4 | 30.2 | 29.5 | 754.2 | 0.0 | 0.0 | 301 | 25.89 | 595 | 1.8 |
| 9/01/05 | 12:00 | 28.6 | 30.6 | 27.6 | 78 | 24.3 | 9.7 | ENE | 9.66 | 20.9 | NE | 28.6 | 33.3 | 32.8 | 752.8 | 0.2 | 0.0 | 652 | 56.08 | 948 | 3.8 |
| 9/01/05 | 13:00 | 29.9 | 30.4 | 29.7 | 84 | 26.9 | 4.8 | E | 4.83 | 16.1 | E | 29.9 | 37.9 | 37.9 | 752.6 | 0.0 | 0.0 | 321 | 27.61 | 878 | 2.0 |
| 9/01/05 | 14:00 | 29.3 | 31.0 | 25.8 | 85 | 26.5 | 8.0 | WNW | 8.05 | 33.8 | WNW | 29.3 | 36.7 | 36.4 | 752.2 | 0.4 | 0.0 | 171 | 14.71 | 234 | 0.9 |
| 9/01/05 | 15:00 | 27.9 | 29.2 | 26.0 | 76 | 23.3 | 6.4 | W | 6.44 | 22.5 | WNW | 27.9 | 31.4 | 31.4 | 751.6 | 0.4 | 0.0 | 284 | 24.43 | 338 | 1.4 |
| 9/01/05 | 16:00 | 27.8 | 29.1 | 27.2 | 83 | 24.7 | 9.7 | NW | 9.66 | 25.7 | WNW | 27.8 | 32.2 | 31.7 | 751.3 | 0.2 | 0.0 | 186 | 16.00 | 267 | 0.8 |
| 9/01/05 | 17:00 | 26.9 | 27.2 | 26.6 | 85 | 24.2 | 4.8 | NW | 4.83 | 16.1 | NW | 26.9 | 30.3 | 30.3 | 751.1 | 0.6 | 0.0 | 106 | 9.12 | 130 | 0.4 |
| 9/01/05 | 18:00 | 26.3 | 26.6 | 25.9 | 91 | 24.7 | 0.0 | N | 0.00 | 9.7 | NNW | 26.3 | 29.8 | 29.8 | 751.9 | 0.4 | 0.0 | 50 | 4.30 | 83 | 0.0 |
| 9/01/05 | 19:00 | 25.2 | 25.9 | 24.6 | 96 | 24.5 | 1.6 | NE | 1.61 | 11.3 | NE | 25.2 | 27.9 | 27.9 | 752.8 | 0.4 | 0.0 | 4 | 0.34 | 19 | 0.0 |
| 9/01/05 | 20:00 | 24.2 | 24.6 | 23.8 | 100 | 24.2 | 3.2 | ENE | 3.22 | 9.7 | ENE | 24.2 | 26.5 | 26.5 | 753.2 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 21:00 | 23.7 | 23.8 | 23.6 | 100 | 23.7 | 1.6 | ENE | 1.61 | 9.7 | ENE | 23.7 | 25.7 | 25.7 | 753.8 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 22:00 | 23.6 | 23.7 | 23.4 | 100 | 23.6 | 1.6 | ENE | 1.61 | 8.0 | ENE | 23.6 | 25.6 | 25.6 | 754.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 9/01/05 | 23:00 | 23.4 | 23.6 | 23.4 | 100 | 23.4 | 3.2 | NE | 3.22 | 9.7 | ENE | 23.4 | 25.4 | 25.4 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 00:00 | 23.7 | 23.9 | 23.4 | 100 | 23.7 | 3.2 | ENE | 3.22 | 9.7 | NE | 23.7 | 25.7 | 25.7 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 10/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 10/01/05 | 1:00 | 23.2 | 23.4 | 22.9 | 100 | 23.2 | 4.8 | NE | 4.83 | 11.3 | NE | 23.2 | 25.2 | 25.2 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 2:00 | 22.7 | 22.9 | 22.6 | 100 | 22.7 | 1.6 | NE | 1.61 | 4.8 | NE | 22.7 | 24.7 | 24.7 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 3:00 | 22.7 | 22.8 | 22.7 | 100 | 22.7 | 3.2 | N | 3.22 | 9.7 | N | 22.7 | 24.7 | 24.7 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 4:00 | 22.8 | 22.9 | 22.7 | 100 | 22.8 | 1.6 | N | 1.61 | 11.3 | N | 22.8 | 24.8 | 24.8 | 752.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 5:00 | 22.8 | 22.9 | 22.7 | 100 | 22.8 | 3.2 | NNE | 3.22 | 9.7 | NNE | 22.8 | 24.8 | 24.8 | 752.5 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 10/01/05 | 6:00 | 22.9 | 23.3 | 22.7 | 100 | 22.9 | 3.2 | NE | 3.22 | 9.7 | NNE | 22.9 | 24.9 | 24.9 | 753.0 | 0.0 | 0.0 | 30 | 2.58 | 46 | 0.0 |
| 10/01/05 | 7:00 | 23.8 | 24.6 | 23.3 | 96 | 23.2 | 3.2 | N | 3.22 | 11.3 | N | 23.8 | 25.8 | 25.8 | 753.8 | 0.0 | 0.0 | 103 | 8.86 | 197 | 0.3 |
| 10/01/05 | 8:00 | 25.4 | 26.3 | 24.6 | 88 | 23.3 | 4.8 | N | 4.83 | 16.1 | NNW | 25.4 | 27.8 | 27.8 | 753.9 | 0.0 | 0.0 | 257 | 22.10 | 375 | 0.9 |
| 10/01/05 | 9:00 | 26.8 | 27.4 | 26.3 | 79 | 22.8 | 6.4 | NNW | 6.44 | 17.7 | NW | 26.8 | 29.4 | 29.4 | 754.1 | 0.0 | 0.0 | 330 | 28.38 | 399 | 1.5 |
| 10/01/05 | 10:00 | 27.4 | 27.7 | 27.1 | 80 | 23.7 | 9.7 | NNW | 9.66 | 19.3 | WNW | 27.4 | 30.9 | 30.3 | 754.0 | 0.0 | 0.0 | 436 | 37.50 | 725 | 2.4 |
| 10/01/05 | 11:00 | 26.7 | 27.3 | 26.2 | 82 | 23.4 | 4.8 | N | 4.83 | 12.9 | N | 26.7 | 29.7 | 29.7 | 754.0 | 0.0 | 0.0 | 322 | 27.70 | 500 | 2.1 |
| 10/01/05 | 12:00 | 27.4 | 27.8 | 26.8 | 80 | 23.6 | 3.2 | W | 3.22 | 11.3 | SW | 27.4 | 30.8 | 30.8 | 753.6 | 0.0 | 0.0 | 330 | 28.38 | 398 | 2.0 |
| 10/01/05 | 13:00 | 28.7 | 29.8 | 27.4 | 76 | 24.1 | 3.2 | SSE | 3.22 | 12.9 | SW | 28.7 | 33.5 | 33.5 | 752.7 | 0.0 | 0.0 | 485 | 41.72 | 753 | 3.0 |
| 10/01/05 | 14:00 | 25.8 | 29.1 | 25.1 | 97 | 25.3 | 11.3 | NW | 11.27 | 30.6 | W | 25.8 | 29.4 | 28.5 | 752.6 | 0.0 | 0.0 | 194 | 16.69 | 238 | 1.2 |
| 10/01/05 | 15:00 | 25.5 | 25.7 | 25.1 | 96 | 24.8 | 6.4 | NW | 6.44 | 16.1 | NNW | 25.5 | 28.6 | 28.6 | 751.7 | 0.0 | 0.0 | 170 | 14.62 | 220 | 0.9 |
| 10/01/05 | 16:00 | 26.1 | 27.3 | 25.7 | 89 | 24.2 | 4.8 | WNW | 4.83 | 12.9 | NW | 26.1 | 29.1 | 29.1 | 751.4 | 0.0 | 0.0 | 182 | 15.65 | 340 | 0.8 |
| 10/01/05 | 17:00 | 27.2 | 27.4 | 26.6 | 87 | 24.9 | 6.4 | W | 6.44 | 17.7 | WNW | 27.2 | 31.3 | 31.3 | 751.4 | 0.2 | 0.0 | 136 | 11.70 | 290 | 0.5 |
| 10/01/05 | 18:00 | 25.8 | 26.6 | 25.4 | 92 | 24.4 | 3.2 | WSW | 3.22 | 19.3 | W | 25.8 | 28.9 | 28.9 | 751.4 | 0.0 | 0.0 | 42 | 3.61 | 65 | 0.0 |
| 10/01/05 | 19:00 | 25.1 | 25.4 | 24.7 | 95 | 24.3 | 0.0 | SW | 0.00 | 1.6 | WSW | 25.1 | 27.7 | 27.7 | 751.8 | 0.0 | 0.0 | 5 | 0.43 | 19 | 0.0 |
| 10/01/05 | 20:00 | 25.2 | 25.3 | 25.0 | 97 | 24.7 | 0.0 | SSE | 0.00 | 3.2 | SE | 25.2 | 28.2 | 28.2 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 21:00 | 23.8 | 25.2 | 23.4 | 100 | 23.8 | 1.6 | NW | 1.61 | 9.7 | NW | 23.8 | 25.8 | 25.8 | 753.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 22:00 | 23.4 | 23.6 | 23.3 | 100 | 23.4 | 0.0 | NW | 0.00 | 1.6 | NW | 23.4 | 25.4 | 25.4 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 10/01/05 | 23:00 | 23.6 | 24.1 | 23.3 | 100 | 23.6 | 0.0 | NE | 0.00 | 3.2 | NNE | 23.6 | 25.6 | 25.6 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 00:00 | 23.8 | 24.2 | 23.6 | 100 | 23.8 | 1.6 | ENE | 1.61 | 4.8 | ENE | 23.8 | 25.8 | 25.8 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 11/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 11/01/05 | 1:00 | 23.7 | 23.9 | 23.3 | 100 | 23.7 | 0.0 | NE | 0.00 | 3.2 | NE | 23.7 | 25.7 | 25.7 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 2:00 | 23.2 | 23.7 | 22.9 | 100 | 23.2 | 1.6 | NE | 1.61 | 8.0 | NE | 23.2 | 25.2 | 25.2 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 3:00 | 23.1 | 23.2 | 22.9 | 100 | 23.1 | 1.6 | NE | 1.61 | 11.3 | NNE | 23.1 | 25.1 | 25.1 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 4:00 | 23.1 | 23.3 | 23.1 | 100 | 23.1 | 0.0 | NNE | 0.00 | 3.2 | NNE | 23.1 | 25.1 | 25.1 | 752.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 5:00 | 23.6 | 23.8 | 23.2 | 100 | 23.6 | 0.0 | ENE | 0.00 | 8.0 | ENE | 23.6 | 25.6 | 25.6 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 6:00 | 24.2 | 24.3 | 23.8 | 100 | 24.2 | 1.6 | ENE | 1.61 | 9.7 | ENE | 24.2 | 26.4 | 26.4 | 753.7 | 0.0 | 0.0 | 21 | 1.81 | 49 | 0.0 |
| 11/01/05 | 7:00 | 24.7 | 25.6 | 24.3 | 97 | 24.2 | 3.2 | ENE | 3.22 | 9.7 | NE | 24.7 | 27.2 | 27.2 | 754.2 | 0.0 | 0.0 | 121 | 10.41 | 378 | 0.4 |
| 11/01/05 | 8:00 | 26.4 | 27.6 | 25.6 | 84 | 23.5 | 3.2 | N | 3.22 | 11.3 | NNE | 26.4 | 29.2 | 29.2 | 754.4 | 0.0 | 0.0 | 268 | 23.05 | 574 | 1.0 |
| 11/01/05 | 9:00 | 27.9 | 28.4 | 27.3 | 81 | 24.4 | 4.8 | N | 4.83 | 16.1 | N | 27.9 | 32.2 | 32.2 | 754.3 | 0.0 | 0.0 | 490 | 42.15 | 816 | 2.0 |
| 11/01/05 | 10:00 | 29.1 | 29.7 | 28.0 | 77 | 24.7 | 3.2 | N | 3.22 | 16.1 | N | 29.1 | 34.6 | 34.6 | 754.3 | 0.0 | 0.0 | 428 | 36.81 | 945 | 2.4 |
| 11/01/05 | 11:00 | 29.9 | 30.4 | 29.2 | 74 | 24.7 | 4.8 | NE | 4.83 | 17.7 | NNE | 29.9 | 35.6 | 35.6 | 754.0 | 0.0 | 0.0 | 470 | 40.43 | 1077 | 2.9 |
| 11/01/05 | 12:00 | 29.7 | 30.9 | 28.1 | 88 | 27.5 | 8.0 | SW | 8.05 | 19.3 | NNE | 29.7 | 38.4 | 38.2 | 753.9 | 0.0 | 0.0 | 369 | 31.74 | 1093 | 2.9 |
| 11/01/05 | 13:00 | 28.7 | 31.1 | 27.3 | 71 | 22.9 | 6.4 | SW | 6.44 | 19.3 | SW | 28.7 | 32.5 | 32.5 | 752.9 | 0.0 | 0.0 | 360 | 30.96 | 660 | 2.5 |
| 11/01/05 | 14:00 | 32.1 | 33.1 | 31.1 | 65 | 24.6 | 3.2 | N | 3.22 | 17.7 | W | 32.1 | 38.6 | 38.6 | 752.0 | 0.0 | 0.0 | 734 | 63.13 | 864 | 3.6 |
| 11/01/05 | 15:00 | 32.3 | 32.8 | 31.9 | 62 | 24.1 | 3.2 | N | 3.22 | 11.3 | WNW | 32.3 | 38.3 | 38.3 | 751.5 | 0.0 | 0.0 | 343 | 29.50 | 632 | 1.9 |
| 11/01/05 | 16:00 | 32.9 | 33.7 | 32.3 | 56 | 23.0 | 1.6 | N | 1.61 | 11.3 | WSW | 32.9 | 37.8 | 37.8 | 750.7 | 0.0 | 0.0 | 311 | 26.75 | 501 | 1.0 |
| 11/01/05 | 17:00 | 32.4 | 34.0 | 31.3 | 70 | 26.2 | 1.6 | SSE | 1.61 | 11.3 | SE | 32.4 | 41.2 | 41.2 | 751.2 | 0.0 | 0.0 | 216 | 18.58 | 410 | 0.5 |
| 11/01/05 | 18:00 | 30.7 | 31.3 | 29.9 | 78 | 26.4 | 0.0 | S | 0.00 | 8.0 | S | 30.7 | 38.7 | 38.7 | 751.7 | 0.0 | 0.0 | 69 | 5.93 | 153 | 0.1 |
| 11/01/05 | 19:00 | 29.3 | 29.9 | 28.7 | 83 | 26.1 | 0.0 | SSE | 0.00 | 8.0 | SSE | 29.3 | 36.3 | 36.3 | 752.0 | 0.0 | 0.0 | 7 | 0.60 | 32 | 0.0 |
| 11/01/05 | 20:00 | 28.3 | 28.8 | 27.3 | 82 | 24.9 | 3.2 | SE | 3.22 | 25.7 | SE | 28.3 | 33.3 | 33.3 | 753.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 21:00 | 25.8 | 27.3 | 25.2 | 94 | 24.7 | 4.8 | ESE | 4.83 | 22.5 | SE | 25.8 | 29.0 | 29.0 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 22:00 | 25.3 | 25.7 | 24.8 | 92 | 23.9 | 0.0 | SW | 0.00 | 11.3 | SSW | 25.3 | 27.8 | 27.8 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 11/01/05 | 23:00 | 25.1 | 25.7 | 24.6 | 96 | 24.4 | 0.0 | NE | 0.00 | 3.2 | ESE | 25.1 | 27.8 | 27.8 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 00:00 | 25.0 | 25.5 | 24.1 | 100 | 25.0 | 4.8 | ENE | 4.83 | 17.7 | NE | 25.0 | 28.0 | 28.0 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 12/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 12/01/05 | 1:00 | 23.5 | 24.1 | 23.3 | 100 | 23.5 | 4.8 | ENE | 4.83 | 19.3 | NE | 23.5 | 25.5 | 25.5 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 2:00 | 23.1 | 23.3 | 22.9 | 100 | 23.1 | 0.0 | S | 0.00 | 3.2 | S | 23.1 | 25.1 | 25.1 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 3:00 | 23.3 | 24.3 | 22.8 | 100 | 23.3 | 0.0 | SSE | 0.00 | 6.4 | SSE | 23.3 | 25.3 | 25.3 | 753.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 4:00 | 24.6 | 24.9 | 24.3 | 100 | 24.6 | 0.0 | E | 0.00 | 4.8 | E | 24.6 | 27.2 | 27.2 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 5:00 | 24.7 | 24.9 | 24.5 | 98 | 24.3 | 3.2 | E | 3.22 | 16.1 | E | 24.7 | 27.2 | 27.2 | 753.8 | 0.2 | 0.0 | 1 | 0.09 | 5 | 0.0 |
| 12/01/05 | 6:00 | 24.6 | 24.7 | 24.5 | 99 | 24.4 | 6.4 | ENE | 6.44 | 17.7 | ENE | 24.6 | 27.2 | 27.2 | 754.3 | 0.0 | 0.0 | 35 | 3.01 | 63 | 0.0 |
| 12/01/05 | 7:00 | 25.2 | 25.7 | 24.7 | 95 | 24.4 | 8.0 | ENE | 8.05 | 20.9 | ENE | 25.2 | 27.9 | 27.5 | 754.4 | 0.0 | 0.0 | 100 | 8.60 | 162 | 0.3 |
| 12/01/05 | 8:00 | 25.7 | 26.0 | 25.5 | 94 | 24.6 | 12.9 | ENE | 12.87 | 25.7 | NE | 25.7 | 28.7 | 27.5 | 754.7 | 0.0 | 0.0 | 178 | 15.31 | 282 | 0.6 |
| 12/01/05 | 9:00 | 26.6 | 27.4 | 25.5 | 85 | 23.9 | 11.3 | E | 11.27 | 22.5 | ENE | 26.6 | 29.7 | 28.9 | 754.6 | 0.0 | 0.0 | 481 | 41.37 | 769 | 1.8 |
| 12/01/05 | 10:00 | 28.2 | 28.7 | 27.3 | 79 | 24.2 | 11.3 | ENE | 11.27 | 22.5 | ENE | 28.2 | 32.4 | 31.7 | 754.5 | 0.0 | 0.0 | 432 | 37.16 | 980 | 2.5 |
| 12/01/05 | 11:00 | 28.9 | 29.6 | 28.4 | 75 | 24.0 | 9.7 | E | 9.66 | 19.3 | E | 28.9 | 33.7 | 33.3 | 754.3 | 0.2 | 0.0 | 548 | 47.13 | 1151 | 3.2 |
| 12/01/05 | 12:00 | 29.3 | 30.1 | 28.8 | 74 | 24.2 | 8.0 | E | 8.05 | 19.3 | ESE | 29.3 | 34.3 | 34.1 | 753.9 | 0.0 | 0.0 | 487 | 41.89 | 1015 | 3.3 |
| 12/01/05 | 13:00 | 30.3 | 31.0 | 28.9 | 84 | 27.3 | 8.0 | ENE | 8.05 | 20.9 | NNE | 30.3 | 39.4 | 39.2 | 753.5 | 0.0 | 0.0 | 627 | 53.93 | 1107 | 3.6 |
| 12/01/05 | 14:00 | 27.2 | 28.9 | 26.4 | 93 | 26.0 | 8.0 | NE | 8.05 | 19.3 | NE | 27.2 | 32.3 | 32.0 | 753.4 | 0.0 | 0.0 | 139 | 11.96 | 317 | 0.8 |
| 12/01/05 | 15:00 | 27.4 | 28.4 | 26.7 | 88 | 25.2 | 0.0 | E | 0.00 | 12.9 | SE | 27.4 | 31.9 | 31.9 | 752.5 | 0.0 | 0.0 | 217 | 18.66 | 259 | 1.1 |
| 12/01/05 | 16:00 | 28.7 | 28.8 | 28.4 | 85 | 25.9 | 0.0 | E | 0.00 | 8.0 | E | 28.7 | 35.0 | 35.0 | 752.1 | 0.0 | 0.0 | 203 | 17.46 | 252 | 0.8 |
| 12/01/05 | 17:00 | 28.9 | 29.1 | 28.7 | 87 | 26.5 | 0.0 | SSE | 0.00 | 8.0 | SSE | 28.9 | 36.1 | 36.1 | 751.9 | 0.0 | 0.0 | 139 | 11.96 | 201 | 0.4 |
| 12/01/05 | 18:00 | 26.9 | 28.7 | 25.6 | 98 | 26.6 | 3.2 | E | 3.22 | 29.0 | ENE | 26.9 | 32.4 | 32.4 | 752.5 | 0.0 | 0.0 | 33 | 2.84 | 84 | 0.0 |
| 12/01/05 | 19:00 | 25.6 | 26.1 | 25.3 | 94 | 24.5 | 1.6 | NE | 1.61 | 9.7 | NE | 25.6 | 28.5 | 28.5 | 753.0 | 0.0 | 0.0 | 2 | 0.17 | 5 | 0.0 |
| 12/01/05 | 20:00 | 25.9 | 26.3 | 25.6 | 97 | 25.4 | 0.0 | --- | 0.00 | 0.0 | --- | 25.9 | 29.7 | 29.7 | 753.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 21:00 | 25.2 | 25.6 | 25.0 | 100 | 25.2 | 0.0 | NE | 0.00 | 1.6 | ENE | 25.2 | 28.4 | 28.4 | 753.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 22:00 | 24.7 | 25.0 | 24.3 | 100 | 24.7 | 0.0 | --- | 0.00 | 0.0 | --- | 24.7 | 27.4 | 27.4 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 12/01/05 | 23:00 | 24.3 | 24.5 | 24.1 | 100 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.7 | 26.7 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 00:00 | 24.2 | 24.3 | 24.1 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.5 | 26.5 | 753.6 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 13/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 13/01/05 | 1:00 | 24.6 | 24.8 | 24.2 | 100 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.6 | 27.2 | 27.2 | 753.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 2:00 | 23.8 | 24.2 | 23.4 | 100 | 23.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 3:00 | 23.4 | 23.7 | 22.9 | 100 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.4 | 25.4 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 4:00 | 24.1 | 24.4 | 23.1 | 97 | 23.6 | 0.0 | ESE | 0.00 | 1.6 | ESE | 24.1 | 26.2 | 26.2 | 753.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 5:00 | 24.3 | 24.5 | 24.1 | 94 | 23.2 | 4.8 | E | 4.83 | 16.1 | E | 24.3 | 26.4 | 26.4 | 754.7 | 0.0 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 13/01/05 | 6:00 | 24.1 | 24.2 | 23.9 | 86 | 21.6 | 8.0 | E | 8.05 | 22.5 | ESE | 24.1 | 25.7 | 25.3 | 755.5 | 0.2 | 0.0 | 52 | 4.47 | 130 | 0.0 |
| 13/01/05 | 7:00 | 24.6 | 25.2 | 24.2 | 81 | 21.1 | 14.5 | E | 14.48 | 29.0 | ENE | 24.6 | 26.3 | 24.7 | 755.8 | 0.4 | 0.0 | 211 | 18.15 | 301 | 0.4 |
| 13/01/05 | 8:00 | 25.7 | 26.2 | 25.1 | 77 | 21.4 | 12.9 | E | 12.87 | 25.7 | E | 25.7 | 27.4 | 26.3 | 755.9 | 0.2 | 0.0 | 393 | 33.80 | 477 | 1.1 |
| 13/01/05 | 9:00 | 26.7 | 27.2 | 26.1 | 75 | 21.9 | 12.9 | ENE | 12.87 | 27.4 | ENE | 26.7 | 28.9 | 27.9 | 755.4 | 0.0 | 0.0 | 556 | 47.82 | 630 | 2.1 |
| 13/01/05 | 10:00 | 27.9 | 28.6 | 27.2 | 73 | 22.6 | 9.7 | E | 9.66 | 22.5 | E | 27.9 | 31.1 | 30.6 | 755.2 | 0.2 | 0.0 | 693 | 59.61 | 744 | 3.3 |
| 13/01/05 | 11:00 | 29.0 | 29.6 | 28.6 | 71 | 23.2 | 9.7 | E | 9.66 | 22.5 | NE | 29.0 | 33.2 | 32.7 | 754.7 | 0.4 | 0.0 | 785 | 67.52 | 825 | 3.1 |
| 13/01/05 | 12:00 | 30.0 | 30.7 | 29.4 | 68 | 23.4 | 8.0 | E | 8.05 | 17.7 | ENE | 30.0 | 34.6 | 34.4 | 754.3 | 0.0 | 0.0 | 836 | 71.91 | 843 | 2.3 |
| 13/01/05 | 13:00 | 30.8 | 31.4 | 30.2 | 58 | 21.6 | 8.0 | E | 8.05 | 19.3 | ENE | 30.8 | 34.3 | 34.1 | 753.6 | 0.2 | 0.0 | 822 | 70.70 | 836 | 0.8 |
| 13/01/05 | 14:00 | 31.7 | 31.9 | 31.3 | 59 | 22.7 | 4.8 | E | 4.83 | 12.9 | ENE | 31.7 | 36.1 | 36.1 | 752.8 | 0.0 | 0.0 | 754 | 64.85 | 799 | 2.9 |
| 13/01/05 | 15:00 | 32.1 | 32.3 | 31.7 | 58 | 22.8 | 4.8 | ENE | 4.83 | 12.9 | ENE | 32.1 | 36.7 | 36.7 | 751.9 | 0.2 | 0.0 | 628 | 54.02 | 699 | 2.4 |
| 13/01/05 | 16:00 | 32.4 | 32.8 | 32.2 | 58 | 23.1 | 3.2 | E | 3.22 | 11.3 | E | 32.4 | 37.4 | 37.4 | 751.1 | 0.0 | 0.0 | 470 | 40.43 | 558 | 1.5 |
| 13/01/05 | 17:00 | 32.2 | 32.4 | 32.1 | 61 | 23.7 | 3.2 | E | 3.22 | 9.7 | ENE | 32.2 | 37.8 | 37.8 | 750.8 | 0.0 | 0.0 | 287 | 24.69 | 384 | 0.6 |
| 13/01/05 | 18:00 | 31.7 | 32.1 | 31.1 | 61 | 23.3 | 0.0 | E | 0.00 | 4.8 | E | 31.7 | 36.7 | 36.7 | 751.1 | 0.0 | 0.0 | 107 | 9.20 | 202 | 0.2 |
| 13/01/05 | 19:00 | 29.9 | 31.1 | 28.9 | 82 | 26.5 | 0.0 | NNE | 0.00 | 1.6 | NNE | 29.9 | 37.3 | 37.3 | 751.2 | 0.0 | 0.0 | 7 | 0.60 | 33 | 0.0 |
| 13/01/05 | 20:00 | 27.3 | 28.9 | 26.3 | 95 | 26.4 | 0.0 | --- | 0.00 | 0.0 | --- | 27.3 | 32.8 | 32.8 | 751.7 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 21:00 | 26.1 | 27.4 | 24.9 | 96 | 25.4 | 0.0 | --- | 0.00 | 0.0 | --- | 26.1 | 29.9 | 29.9 | 752.7 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 22:00 | 24.5 | 24.9 | 24.3 | 99 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.5 | 26.9 | 26.9 | 753.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 13/01/05 | 23:00 | 24.3 | 24.5 | 23.8 | 100 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.6 | 26.6 | 753.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 00:00 | 24.2 | 24.4 | 23.8 | 97 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.4 | 26.4 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 14/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 14/01/05 | 1:00 | 24.1 | 24.4 | 23.7 | 100 | 24.1 | 0.0 | --- | 0.00 | 0.0 | --- | 24.1 | 26.3 | 26.3 | 751.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 2:00 | 23.3 | 24.1 | 22.6 | 100 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.3 | 25.3 | 25.3 | 751.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 3:00 | 22.3 | 22.7 | 21.9 | 100 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.3 | 24.3 | 751.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 4:00 | 22.0 | 22.3 | 21.6 | 100 | 22.0 | 0.0 | --- | 0.00 | 0.0 | --- | 22.0 | 24.0 | 24.0 | 751.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 5:00 | 21.8 | 22.0 | 21.7 | 100 | 21.8 | 0.0 | --- | 0.00 | 0.0 | --- | 21.8 | 23.8 | 23.8 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 5 | 0.0 |
| 14/01/05 | 6:00 | 22.3 | 23.3 | 21.8 | 100 | 22.3 | 0.0 | --- | 0.00 | 0.0 | --- | 22.3 | 24.3 | 24.3 | 752.2 | 0.0 | 0.0 | 49 | 4.21 | 134 | 0.0 |
| 14/01/05 | 7:00 | 25.3 | 26.9 | 23.3 | 80 | 21.6 | 1.6 | E | 1.61 | 11.3 | ESE | 25.3 | 27.3 | 27.3 | 752.9 | 0.2 | 0.0 | 218 | 18.75 | 317 | 0.4 |
| 14/01/05 | 8:00 | 27.2 | 27.8 | 26.9 | 70 | 21.3 | 9.7 | E | 9.66 | 19.3 | ENE | 27.2 | 29.4 | 28.9 | 752.9 | 0.0 | 0.0 | 378 | 32.51 | 479 | 1.0 |
| 14/01/05 | 9:00 | 28.3 | 28.9 | 27.8 | 70 | 22.3 | 12.9 | E | 12.87 | 27.4 | ENE | 28.3 | 31.6 | 30.7 | 753.0 | 0.2 | 0.0 | 563 | 48.42 | 637 | 1.9 |
| 14/01/05 | 10:00 | 29.1 | 29.6 | 28.8 | 66 | 22.1 | 14.5 | E | 14.48 | 27.4 | E | 29.1 | 32.3 | 31.4 | 753.1 | 0.0 | 0.0 | 701 | 60.29 | 755 | 3.0 |
| 14/01/05 | 11:00 | 30.3 | 31.0 | 29.5 | 63 | 22.4 | 14.5 | ENE | 14.48 | 30.6 | ENE | 30.3 | 34.2 | 33.4 | 752.6 | 0.0 | 0.0 | 793 | 68.21 | 894 | 3.9 |
| 14/01/05 | 12:00 | 30.8 | 31.6 | 30.6 | 54 | 20.4 | 12.9 | E | 12.87 | 27.4 | NE | 30.8 | 33.4 | 32.9 | 751.7 | 0.0 | 0.0 | 842 | 72.42 | 860 | 4.5 |
| 14/01/05 | 13:00 | 32.0 | 32.4 | 31.3 | 54 | 21.5 | 9.7 | E | 9.66 | 19.3 | E | 32.0 | 35.7 | 35.5 | 751.1 | 0.0 | 0.0 | 838 | 72.08 | 871 | 3.2 |
| 14/01/05 | 14:00 | 32.2 | 32.5 | 31.8 | 52 | 21.1 | 8.0 | E | 8.05 | 19.3 | SE | 32.2 | 35.6 | 35.4 | 750.5 | 0.0 | 0.0 | 739 | 63.56 | 838 | 3.4 |
| 14/01/05 | 15:00 | 32.4 | 32.6 | 32.2 | 54 | 21.9 | 8.0 | ESE | 8.05 | 19.3 | ESE | 32.4 | 36.3 | 36.2 | 750.0 | 0.0 | 0.0 | 638 | 54.88 | 711 | 2.5 |
| 14/01/05 | 16:00 | 32.4 | 32.6 | 32.2 | 51 | 21.0 | 6.4 | E | 6.44 | 16.1 | ESE | 32.4 | 35.7 | 35.7 | 749.6 | 0.0 | 0.0 | 476 | 40.94 | 563 | 1.4 |
| 14/01/05 | 17:00 | 32.4 | 32.8 | 32.2 | 51 | 21.0 | 3.2 | E | 3.22 | 11.3 | ESE | 32.4 | 35.7 | 35.7 | 749.7 | 0.0 | 0.0 | 282 | 24.26 | 389 | 0.6 |
| 14/01/05 | 18:00 | 31.3 | 32.1 | 30.6 | 60 | 22.6 | 1.6 | ENE | 1.61 | 4.8 | ENE | 31.3 | 35.6 | 35.6 | 749.7 | 0.0 | 0.0 | 103 | 8.86 | 176 | 0.1 |
| 14/01/05 | 19:00 | 29.9 | 30.6 | 29.2 | 70 | 23.9 | 0.0 | ENE | 0.00 | 3.2 | ENE | 29.9 | 34.9 | 34.9 | 749.4 | 0.0 | 0.0 | 10 | 0.86 | 51 | 0.0 |
| 14/01/05 | 20:00 | 28.6 | 29.2 | 27.7 | 81 | 25.0 | 0.0 | --- | 0.00 | 0.0 | --- | 28.6 | 33.9 | 33.9 | 749.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 21:00 | 27.6 | 27.8 | 27.3 | 75 | 22.7 | 0.0 | --- | 0.00 | 0.0 | --- | 27.6 | 30.6 | 30.6 | 749.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 22:00 | 27.4 | 27.7 | 27.3 | 73 | 22.1 | 0.0 | --- | 0.00 | 0.0 | --- | 27.4 | 30.1 | 30.1 | 749.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 14/01/05 | 23:00 | 27.3 | 27.3 | 27.2 | 73 | 22.0 | 1.6 | E | 1.61 | 11.3 | E | 27.3 | 29.8 | 29.8 | 749.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 00:00 | 25.3 | 27.2 | 23.7 | 92 | 23.9 | 0.0 | E | 0.00 | 8.0 | E | 25.3 | 27.9 | 27.9 | 749.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 15/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 15/01/05 | 1:00 | 23.3 | 23.7 | 23.1 | 97 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.3 | 25.1 | 25.1 | 749.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 2:00 | 24.4 | 25.7 | 23.4 | 90 | 22.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.4 | 26.4 | 26.4 | 749.8 | 0.6 | 1.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 3:00 | 25.8 | 25.9 | 25.7 | 90 | 24.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.8 | 28.7 | 28.7 | 749.7 | 1.0 | 1.2 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 4:00 | 25.5 | 25.9 | 24.4 | 96 | 24.8 | 1.6 | NE | 1.61 | 11.3 | ENE | 25.5 | 28.6 | 28.6 | 750.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 5:00 | 24.3 | 24.5 | 24.1 | 97 | 23.8 | 3.2 | NE | 3.22 | 9.7 | NE | 24.3 | 26.6 | 26.6 | 750.6 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 6:00 | 24.2 | 24.7 | 24.1 | 97 | 23.7 | 0.0 | NE | 0.00 | 6.4 | NE | 24.2 | 26.3 | 26.3 | 751.1 | 0.0 | 0.0 | 32 | 2.75 | 127 | 0.0 |
| 15/01/05 | 7:00 | 25.4 | 26.1 | 24.7 | 92 | 24.0 | 3.2 | NNE | 3.22 | 11.3 | NNE | 25.4 | 28.0 | 28.0 | 751.2 | 0.2 | 0.0 | 97 | 8.34 | 160 | 0.2 |
| 15/01/05 | 8:00 | 27.9 | 29.3 | 26.1 | 79 | 23.9 | 9.7 | N | 9.66 | 22.5 | NNE | 27.9 | 31.7 | 31.2 | 750.7 | 0.0 | 0.0 | 389 | 33.46 | 482 | 1.1 |
| 15/01/05 | 9:00 | 30.3 | 31.0 | 29.3 | 70 | 24.2 | 16.1 | N | 16.09 | 30.6 | NNW | 30.3 | 35.6 | 34.6 | 750.6 | 0.0 | 0.0 | 567 | 48.77 | 640 | 2.1 |
| 15/01/05 | 10:00 | 31.3 | 31.8 | 30.8 | 70 | 25.2 | 16.1 | N | 16.09 | 29.0 | NW | 31.3 | 38.0 | 37.3 | 750.6 | 0.0 | 0.0 | 577 | 49.63 | 845 | 2.9 |
| 15/01/05 | 11:00 | 32.3 | 33.0 | 31.6 | 67 | 25.4 | 17.7 | N | 17.70 | 30.6 | NW | 32.3 | 40.0 | 39.3 | 750.2 | 0.0 | 0.0 | 793 | 68.21 | 1093 | 4.1 |
| 15/01/05 | 12:00 | 33.3 | 34.2 | 32.4 | 63 | 25.3 | 16.1 | N | 16.09 | 33.8 | NNE | 33.3 | 41.2 | 40.7 | 749.4 | 0.0 | 0.0 | 855 | 73.54 | 1043 | 4.6 |
| 15/01/05 | 13:00 | 33.6 | 34.4 | 32.8 | 62 | 25.3 | 16.1 | N | 16.09 | 29.0 | NNW | 33.6 | 41.8 | 41.4 | 748.7 | 0.0 | 0.0 | 585 | 50.32 | 1028 | 3.0 |
| 15/01/05 | 14:00 | 34.5 | 34.9 | 33.5 | 52 | 23.2 | 17.7 | NW | 17.70 | 32.2 | NNW | 34.5 | 39.9 | 39.7 | 748.2 | 0.0 | 0.0 | 845 | 72.68 | 1015 | 3.9 |
| 15/01/05 | 15:00 | 32.0 | 34.7 | 30.8 | 70 | 25.8 | 12.9 | NW | 12.87 | 27.4 | WNW | 32.0 | 40.0 | 39.5 | 748.3 | 0.0 | 0.0 | 215 | 18.49 | 292 | 1.1 |
| 15/01/05 | 16:00 | 31.1 | 31.2 | 30.7 | 75 | 26.2 | 1.6 | WNW | 1.61 | 11.3 | WNW | 31.1 | 38.9 | 38.9 | 748.5 | 0.2 | 0.0 | 105 | 9.03 | 174 | 0.5 |
| 15/01/05 | 17:00 | 29.9 | 30.7 | 29.4 | 83 | 26.7 | 1.6 | W | 1.61 | 9.7 | W | 29.9 | 37.7 | 37.7 | 748.8 | 0.0 | 0.0 | 84 | 7.22 | 91 | 0.3 |
| 15/01/05 | 18:00 | 28.7 | 29.4 | 27.9 | 89 | 26.7 | 4.8 | S | 4.83 | 17.7 | S | 28.7 | 35.9 | 35.9 | 749.5 | 0.0 | 0.0 | 43 | 3.70 | 79 | 0.0 |
| 15/01/05 | 19:00 | 27.4 | 27.9 | 27.2 | 89 | 25.4 | 0.0 | SSW | 0.00 | 8.0 | SSW | 27.4 | 32.1 | 32.1 | 750.3 | 0.0 | 0.0 | 3 | 0.26 | 14 | 0.0 |
| 15/01/05 | 20:00 | 25.7 | 27.3 | 24.1 | 100 | 25.7 | 11.3 | SW | 11.27 | 35.4 | WSW | 25.7 | 29.5 | 28.6 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 21:00 | 23.6 | 24.1 | 23.2 | 100 | 23.6 | 12.9 | SW | 12.87 | 29.0 | SSW | 23.6 | 25.6 | 24.1 | 751.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 22:00 | 23.5 | 23.8 | 23.2 | 100 | 23.5 | 11.3 | SSW | 11.27 | 22.5 | SSW | 23.5 | 25.5 | 24.3 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 15/01/05 | 23:00 | 24.1 | 24.3 | 23.6 | 100 | 24.1 | 3.2 | SSW | 3.22 | 17.7 | S | 24.1 | 26.2 | 26.2 | 751.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 00:00 | 23.3 | 23.6 | 23.3 | 100 | 23.3 | 3.2 | N | 3.22 | 12.9 | NNW | 23.3 | 25.3 | 25.3 | 751.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 16/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 16/01/05 | 1:00 | 23.4 | 23.4 | 23.3 | 100 | 23.4 | 0.0 | N | 0.00 | 8.0 | NNE | 23.4 | 25.4 | 25.4 | 750.6 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 2:00 | 23.2 | 23.6 | 23.2 | 100 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 749.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 3:00 | 23.2 | 23.3 | 23.1 | 100 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 750.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 4:00 | 23.3 | 23.4 | 23.1 | 100 | 23.3 | 3.2 | NW | 3.22 | 11.3 | NW | 23.3 | 25.3 | 25.3 | 751.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 5:00 | 23.6 | 23.7 | 23.4 | 100 | 23.6 | 3.2 | WSW | 3.22 | 16.1 | W | 23.6 | 25.6 | 25.6 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 6:00 | 23.1 | 23.7 | 22.7 | 100 | 23.1 | 16.1 | SW | 16.09 | 33.8 | SW | 23.1 | 25.1 | 23.0 | 751.8 | 0.2 | 0.0 | 13 | 1.12 | 33 | 0.0 |
| 16/01/05 | 7:00 | 22.6 | 22.8 | 22.4 | 98 | 22.3 | 16.1 | WSW | 16.09 | 32.2 | WSW | 22.6 | 24.4 | 22.2 | 752.4 | 0.0 | 0.0 | 65 | 5.59 | 102 | 0.2 |
| 16/01/05 | 8:00 | 23.4 | 24.3 | 22.8 | 96 | 22.7 | 14.5 | SW | 14.48 | 27.4 | SSW | 23.4 | 25.2 | 23.4 | 752.9 | 0.4 | 0.8 | 194 | 16.69 | 371 | 0.7 |
| 16/01/05 | 9:00 | 24.9 | 26.2 | 24.3 | 91 | 23.4 | 12.9 | SW | 12.87 | 27.4 | SW | 24.9 | 27.1 | 25.8 | 752.6 | 0.0 | 0.0 | 352 | 30.28 | 524 | 1.8 |
| 16/01/05 | 10:00 | 26.6 | 27.3 | 26.0 | 86 | 24.1 | 14.5 | SSW | 14.48 | 29.0 | SSW | 26.6 | 29.8 | 28.6 | 752.1 | 0.0 | 0.0 | 439 | 37.76 | 1013 | 2.8 |
| 16/01/05 | 11:00 | 26.6 | 27.2 | 25.9 | 85 | 23.8 | 16.1 | WSW | 16.09 | 33.8 | W | 26.6 | 29.6 | 28.1 | 752.1 | 0.2 | 0.0 | 407 | 35.01 | 693 | 3.0 |
| 16/01/05 | 12:00 | 27.7 | 28.6 | 26.9 | 80 | 24.0 | 12.9 | SW | 12.87 | 27.4 | SW | 27.7 | 31.4 | 30.5 | 751.6 | 0.0 | 0.0 | 456 | 39.22 | 1013 | 3.7 |
| 16/01/05 | 13:00 | 28.7 | 29.3 | 28.2 | 78 | 24.5 | 11.3 | SW | 11.27 | 27.4 | SSW | 28.7 | 33.8 | 33.2 | 751.2 | 0.0 | 0.0 | 441 | 37.93 | 832 | 3.3 |
| 16/01/05 | 14:00 | 28.9 | 29.7 | 28.3 | 78 | 24.7 | 12.9 | WSW | 12.87 | 27.4 | W | 28.9 | 34.4 | 33.6 | 751.0 | 0.0 | 0.0 | 424 | 36.47 | 853 | 3.0 |
| 16/01/05 | 15:00 | 27.7 | 29.1 | 26.6 | 83 | 24.5 | 14.5 | WSW | 14.48 | 29.0 | W | 27.7 | 31.8 | 30.7 | 750.9 | 0.0 | 0.0 | 158 | 13.59 | 540 | 1.1 |
| 16/01/05 | 16:00 | 25.7 | 26.6 | 25.0 | 88 | 23.6 | 14.5 | WSW | 14.48 | 30.6 | W | 25.7 | 28.3 | 26.9 | 750.7 | 0.0 | 0.0 | 114 | 9.81 | 179 | 0.6 |
| 16/01/05 | 17:00 | 25.5 | 25.6 | 25.3 | 85 | 22.8 | 14.5 | WSW | 14.48 | 27.4 | WSW | 25.5 | 27.8 | 26.3 | 750.5 | 0.0 | 0.0 | 108 | 9.29 | 143 | 0.4 |
| 16/01/05 | 18:00 | 25.8 | 26.6 | 25.3 | 85 | 23.1 | 14.5 | SW | 14.48 | 27.4 | SSW | 25.8 | 28.3 | 26.9 | 750.9 | 0.0 | 0.0 | 123 | 10.58 | 250 | 0.1 |
| 16/01/05 | 19:00 | 24.8 | 25.3 | 24.4 | 92 | 23.4 | 1.6 | SW | 1.61 | 12.9 | WSW | 24.8 | 27.0 | 27.0 | 751.4 | 0.0 | 0.0 | 10 | 0.86 | 33 | 0.0 |
| 16/01/05 | 20:00 | 24.2 | 24.4 | 23.8 | 94 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.2 | 26.2 | 751.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 21:00 | 23.5 | 23.9 | 23.1 | 99 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.5 | 25.4 | 25.4 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 22:00 | 22.8 | 23.1 | 22.6 | 100 | 22.8 | 0.0 | --- | 0.00 | 0.0 | --- | 22.8 | 24.8 | 24.8 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 16/01/05 | 23:00 | 22.4 | 22.6 | 22.3 | 100 | 22.4 | 0.0 | --- | 0.00 | 0.0 | --- | 22.4 | 24.4 | 24.4 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 00:00 | 22.5 | 22.8 | 22.4 | 100 | 22.5 | 0.0 | --- | 0.00 | 0.0 | --- | 22.5 | 24.5 | 24.5 | 751.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 17/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 17/01/05 | 1:00 | 23.0 | 23.2 | 22.8 | 100 | 23.0 | 0.0 | --- | 0.00 | 0.0 | --- | 23.0 | 25.0 | 25.0 | 750.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 2:00 | 23.2 | 23.4 | 22.9 | 100 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 750.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 3:00 | 24.2 | 24.4 | 23.4 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.5 | 26.5 | 750.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 4:00 | 24.3 | 24.6 | 24.1 | 98 | 24.0 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.6 | 26.6 | 750.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 5:00 | 24.3 | 24.4 | 24.1 | 97 | 23.8 | 4.8 | E | 4.83 | 17.7 | E | 24.3 | 26.5 | 26.5 | 751.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 6:00 | 24.0 | 24.2 | 23.7 | 100 | 24.0 | 1.6 | E | 1.61 | 11.3 | SE | 24.0 | 26.1 | 26.1 | 752.0 | 0.0 | 0.0 | 7 | 0.60 | 16 | 0.0 |
| 17/01/05 | 7:00 | 23.6 | 23.8 | 23.3 | 100 | 23.6 | 4.8 | ESE | 4.83 | 16.1 | SE | 23.6 | 25.6 | 25.6 | 752.5 | 0.0 | 0.0 | 48 | 4.13 | 137 | 0.1 |
| 17/01/05 | 8:00 | 23.6 | 23.8 | 23.4 | 97 | 23.1 | 8.0 | ESE | 8.05 | 20.9 | E | 23.6 | 25.4 | 25.0 | 752.8 | 0.0 | 0.0 | 125 | 10.75 | 267 | 0.5 |
| 17/01/05 | 9:00 | 24.2 | 24.7 | 23.6 | 90 | 22.5 | 9.7 | ESE | 9.66 | 22.5 | E | 24.2 | 26.2 | 25.3 | 752.9 | 0.0 | 0.0 | 206 | 17.72 | 264 | 1.0 |
| 17/01/05 | 10:00 | 24.7 | 25.1 | 24.3 | 91 | 23.1 | 11.3 | E | 11.27 | 22.5 | E | 24.7 | 26.7 | 25.7 | 753.0 | 0.0 | 0.0 | 233 | 20.04 | 438 | 1.3 |
| 17/01/05 | 11:00 | 25.0 | 25.5 | 24.7 | 88 | 22.9 | 9.7 | E | 9.66 | 22.5 | E | 25.0 | 27.0 | 26.3 | 753.0 | 0.0 | 0.0 | 259 | 22.28 | 501 | 1.8 |
| 17/01/05 | 12:00 | 26.0 | 26.6 | 25.2 | 92 | 24.6 | 8.0 | E | 8.05 | 19.3 | ENE | 26.0 | 29.2 | 28.9 | 752.7 | 0.0 | 0.0 | 345 | 29.67 | 619 | 2.6 |
| 17/01/05 | 13:00 | 25.8 | 26.3 | 24.9 | 89 | 23.8 | 4.8 | E | 4.83 | 11.3 | S | 25.8 | 28.5 | 28.5 | 752.2 | 0.0 | 0.0 | 313 | 26.92 | 665 | 2.6 |
| 17/01/05 | 14:00 | 26.9 | 27.9 | 26.1 | 81 | 23.4 | 6.4 | E | 6.44 | 16.1 | SE | 26.9 | 29.9 | 29.9 | 751.3 | 0.2 | 0.0 | 352 | 30.28 | 447 | 2.6 |
| 17/01/05 | 15:00 | 28.4 | 28.9 | 27.9 | 79 | 24.4 | 6.4 | ESE | 6.44 | 12.9 | SE | 28.4 | 33.0 | 33.0 | 750.8 | 0.0 | 0.0 | 383 | 32.94 | 933 | 0.4 |
| 17/01/05 | 16:00 | 28.4 | 29.2 | 28.0 | 78 | 24.2 | 6.4 | SSE | 6.44 | 27.4 | SSE | 28.4 | 32.9 | 32.9 | 750.0 | 0.2 | 0.0 | 234 | 20.13 | 611 | 0.3 |
| 17/01/05 | 17:00 | 27.9 | 28.8 | 27.4 | 82 | 24.5 | 8.0 | SSE | 8.05 | 20.9 | SSE | 27.9 | 32.2 | 31.9 | 750.4 | 0.0 | 0.0 | 107 | 9.20 | 318 | 0.5 |
| 17/01/05 | 18:00 | 27.1 | 27.4 | 26.8 | 83 | 24.0 | 8.0 | SSE | 8.05 | 19.3 | SSE | 27.1 | 30.6 | 30.3 | 750.6 | 0.0 | 0.0 | 33 | 2.84 | 40 | 0.0 |
| 17/01/05 | 19:00 | 26.5 | 26.8 | 26.2 | 86 | 24.0 | 4.8 | SSE | 4.83 | 20.9 | SSE | 26.5 | 29.6 | 29.6 | 751.3 | 0.0 | 0.0 | 8 | 0.69 | 26 | 0.0 |
| 17/01/05 | 20:00 | 26.1 | 26.2 | 26.0 | 88 | 24.0 | 1.6 | ESE | 1.61 | 12.9 | ENE | 26.1 | 29.0 | 29.0 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 21:00 | 25.7 | 26.0 | 25.4 | 92 | 24.3 | 1.6 | SSE | 1.61 | 11.3 | E | 25.7 | 28.6 | 28.6 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 22:00 | 25.1 | 25.4 | 24.8 | 95 | 24.3 | 4.8 | SSE | 4.83 | 16.1 | SSE | 25.1 | 27.7 | 27.7 | 752.6 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 17/01/05 | 23:00 | 24.6 | 24.8 | 24.3 | 96 | 23.9 | 6.4 | SSE | 6.44 | 17.7 | SE | 24.6 | 26.9 | 26.9 | 752.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 00:00 | 24.2 | 24.3 | 24.1 | 95 | 23.4 | 6.4 | SSE | 6.44 | 17.7 | SE | 24.2 | 26.3 | 26.3 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 18/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 18/01/05 | 1:00 | 24.1 | 24.1 | 24.1 | 95 | 23.3 | 1.6 | SSE | 1.61 | 12.9 | SSE | 24.1 | 26.2 | 26.2 | 751.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 2:00 | 24.0 | 24.1 | 23.8 | 95 | 23.1 | 3.2 | SSE | 3.22 | 11.3 | SSE | 24.0 | 26.0 | 26.0 | 751.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 3:00 | 23.7 | 23.8 | 23.7 | 95 | 22.9 | 4.8 | SSE | 4.83 | 12.9 | SSE | 23.7 | 25.6 | 25.6 | 751.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 4:00 | 23.8 | 23.8 | 23.7 | 95 | 22.9 | 4.8 | SSE | 4.83 | 16.1 | S | 23.8 | 25.7 | 25.7 | 751.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 5:00 | 23.4 | 23.7 | 23.3 | 95 | 22.6 | 8.0 | S | 8.05 | 17.7 | SSE | 23.4 | 25.2 | 24.7 | 751.3 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 6:00 | 23.3 | 23.6 | 23.2 | 96 | 22.7 | 4.8 | SSE | 4.83 | 17.7 | SSE | 23.3 | 25.1 | 25.1 | 751.9 | 0.0 | 0.0 | 25 | 2.15 | 60 | 0.0 |
| 18/01/05 | 7:00 | 23.9 | 24.3 | 23.6 | 93 | 22.7 | 3.2 | SSE | 3.22 | 12.9 | SSE | 23.9 | 25.9 | 25.9 | 752.3 | 0.2 | 0.0 | 85 | 7.31 | 104 | 0.2 |
| 18/01/05 | 8:00 | 24.9 | 25.4 | 24.3 | 89 | 23.0 | 1.6 | SSE | 1.61 | 9.7 | SSE | 24.9 | 26.9 | 26.9 | 752.8 | 0.2 | 0.0 | 168 | 14.45 | 208 | 0.8 |
| 18/01/05 | 9:00 | 25.6 | 25.9 | 25.4 | 87 | 23.3 | 1.6 | SSE | 1.61 | 9.7 | SSE | 25.6 | 28.1 | 28.1 | 752.8 | 0.4 | 0.0 | 152 | 13.07 | 179 | 0.9 |
| 18/01/05 | 10:00 | 26.4 | 27.4 | 25.9 | 85 | 23.7 | 1.6 | ESE | 1.61 | 9.7 | ENE | 26.4 | 29.3 | 29.3 | 752.8 | 1.0 | 1.6 | 286 | 24.60 | 510 | 1.7 |
| 18/01/05 | 11:00 | 27.7 | 28.1 | 27.3 | 79 | 23.7 | 3.2 | SSE | 3.22 | 16.1 | E | 27.7 | 31.3 | 31.3 | 752.7 | 1.2 | 7.4 | 489 | 42.06 | 567 | 3.3 |
| 18/01/05 | 12:00 | 28.6 | 29.5 | 28.0 | 76 | 24.0 | 3.2 | E | 3.22 | 12.9 | SSE | 28.6 | 33.2 | 33.2 | 752.0 | 1.4 | 2.6 | 574 | 49.37 | 1101 | 3.9 |
| 18/01/05 | 13:00 | 29.4 | 30.2 | 29.1 | 81 | 25.8 | 6.4 | E | 6.44 | 16.1 | E | 29.4 | 36.1 | 36.1 | 751.5 | 0.4 | 0.8 | 630 | 54.19 | 1035 | 3.2 |
| 18/01/05 | 14:00 | 28.6 | 29.2 | 27.4 | 86 | 26.0 | 11.3 | E | 11.27 | 27.4 | NE | 28.6 | 34.9 | 34.2 | 750.8 | 0.0 | 0.0 | 363 | 31.22 | 484 | 0.4 |
| 18/01/05 | 15:00 | 27.3 | 27.9 | 26.6 | 91 | 25.7 | 8.0 | E | 8.05 | 22.5 | NE | 27.3 | 32.2 | 31.9 | 751.0 | 0.0 | 0.0 | 232 | 19.95 | 454 | 1.4 |
| 18/01/05 | 16:00 | 25.4 | 26.7 | 24.9 | 100 | 25.4 | 1.6 | ENE | 1.61 | 9.7 | SSE | 25.4 | 28.8 | 28.8 | 750.8 | 0.0 | 0.0 | 24 | 2.06 | 37 | 0.0 |
| 18/01/05 | 17:00 | 24.8 | 25.0 | 24.6 | 100 | 24.8 | 0.0 | WSW | 0.00 | 4.8 | WNW | 24.8 | 27.6 | 27.6 | 750.9 | 0.2 | 0.0 | 17 | 1.46 | 19 | 0.0 |
| 18/01/05 | 18:00 | 24.7 | 24.8 | 24.4 | 100 | 24.7 | 0.0 | W | 0.00 | 4.8 | WNW | 24.7 | 27.3 | 27.3 | 751.3 | 0.0 | 0.0 | 11 | 0.95 | 14 | 0.0 |
| 18/01/05 | 19:00 | 24.3 | 24.4 | 24.2 | 100 | 24.3 | 0.0 | NNW | 0.00 | 1.6 | NNW | 24.3 | 26.6 | 26.6 | 751.5 | 0.2 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 18/01/05 | 20:00 | 24.2 | 24.4 | 23.8 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.4 | 26.4 | 752.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 21:00 | 23.8 | 23.8 | 23.7 | 100 | 23.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 22:00 | 23.8 | 23.9 | 23.7 | 100 | 23.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 752.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 18/01/05 | 23:00 | 23.7 | 23.8 | 23.6 | 100 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.7 | 25.7 | 752.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 00:00 | 23.4 | 23.7 | 23.2 | 100 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.4 | 25.4 | 751.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 19/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 19/01/05 | 1:00 | 23.1 | 23.2 | 22.9 | 100 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 751.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 2:00 | 23.0 | 23.1 | 22.9 | 100 | 23.0 | 0.0 | --- | 0.00 | 0.0 | --- | 23.0 | 25.0 | 25.0 | 750.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 3:00 | 23.1 | 23.3 | 23.1 | 100 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 750.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 4:00 | 23.2 | 23.3 | 23.1 | 100 | 23.2 | 0.0 | --- | 0.00 | 0.0 | --- | 23.2 | 25.2 | 25.2 | 751.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 5:00 | 23.1 | 23.3 | 22.9 | 100 | 23.1 | 0.0 | --- | 0.00 | 0.0 | --- | 23.1 | 25.1 | 25.1 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 6:00 | 23.4 | 23.7 | 23.3 | 100 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.4 | 25.4 | 751.8 | 0.2 | 0.0 | 14 | 1.20 | 46 | 0.0 |
| 19/01/05 | 7:00 | 24.3 | 24.9 | 23.7 | 100 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.7 | 26.7 | 752.3 | 0.0 | 0.0 | 66 | 5.68 | 83 | 0.2 |
| 19/01/05 | 8:00 | 25.2 | 25.3 | 24.8 | 99 | 25.0 | 3.2 | NE | 3.22 | 16.1 | ENE | 25.2 | 28.2 | 28.2 | 752.4 | 0.0 | 0.0 | 87 | 7.48 | 134 | 0.4 |
| 19/01/05 | 9:00 | 25.7 | 26.1 | 25.3 | 95 | 24.9 | 9.7 | ENE | 9.66 | 17.7 | ENE | 25.7 | 28.9 | 28.2 | 752.7 | 0.2 | 0.0 | 149 | 12.82 | 209 | 0.8 |
| 19/01/05 | 10:00 | 26.7 | 27.3 | 26.2 | 95 | 25.9 | 8.0 | ENE | 8.05 | 17.7 | ENE | 26.7 | 31.3 | 31.0 | 752.3 | 0.2 | 0.0 | 250 | 21.50 | 516 | 1.6 |
| 19/01/05 | 11:00 | 27.0 | 27.9 | 26.6 | 94 | 26.0 | 9.7 | E | 9.66 | 19.3 | ENE | 27.0 | 31.9 | 31.3 | 751.6 | 0.2 | 0.0 | 241 | 20.73 | 994 | 2.0 |
| 19/01/05 | 12:00 | 27.5 | 28.1 | 26.7 | 88 | 25.3 | 3.2 | E | 3.22 | 16.1 | E | 27.5 | 32.2 | 32.2 | 751.1 | 0.2 | 0.0 | 194 | 16.69 | 623 | 1.9 |
| 19/01/05 | 13:00 | 27.4 | 28.9 | 26.8 | 86 | 24.8 | 3.2 | NW | 3.22 | 19.3 | N | 27.4 | 31.6 | 31.6 | 750.2 | 0.6 | 0.0 | 214 | 18.41 | 560 | 1.6 |
| 19/01/05 | 14:00 | 27.7 | 29.3 | 25.5 | 97 | 27.2 | 4.8 | ENE | 4.83 | 16.1 | NE | 27.7 | 34.6 | 34.6 | 750.0 | 0.4 | 0.0 | 199 | 17.12 | 487 | 1.2 |
| 19/01/05 | 15:00 | 26.4 | 26.8 | 25.6 | 97 | 25.9 | 4.8 | SSE | 4.83 | 17.7 | S | 26.4 | 30.9 | 30.9 | 749.7 | 0.2 | 0.0 | 183 | 15.74 | 290 | 1.0 |
| 19/01/05 | 16:00 | 26.4 | 26.6 | 26.2 | 95 | 25.6 | 6.4 | S | 6.44 | 19.3 | SSW | 26.4 | 30.6 | 30.6 | 749.3 | 0.2 | 0.0 | 187 | 16.08 | 245 | 0.8 |
| 19/01/05 | 17:00 | 25.9 | 26.2 | 25.8 | 100 | 25.9 | 3.2 | SSE | 3.22 | 12.9 | S | 25.9 | 29.9 | 29.9 | 749.8 | 0.6 | 0.8 | 62 | 5.33 | 164 | 0.2 |
| 19/01/05 | 18:00 | 25.3 | 25.8 | 25.1 | 100 | 25.3 | 1.6 | W | 1.61 | 11.3 | W | 25.3 | 28.7 | 28.7 | 750.1 | 0.4 | 0.8 | 5 | 0.43 | 7 | 0.0 |
| 19/01/05 | 19:00 | 25.0 | 25.3 | 24.8 | 100 | 25.0 | 1.6 | SE | 1.61 | 12.9 | SE | 25.0 | 28.0 | 28.0 | 750.5 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 20:00 | 24.6 | 24.9 | 24.4 | 100 | 24.6 | 8.0 | E | 8.05 | 17.7 | ENE | 24.6 | 27.2 | 26.8 | 751.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 21:00 | 24.3 | 24.7 | 24.1 | 100 | 24.3 | 8.0 | NE | 8.05 | 17.7 | NE | 24.3 | 26.7 | 26.2 | 751.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 22:00 | 24.1 | 24.2 | 24.1 | 100 | 24.1 | 3.2 | NE | 3.22 | 17.7 | NE | 24.1 | 26.3 | 26.3 | 751.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 19/01/05 | 23:00 | 24.2 | 24.3 | 23.9 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.4 | 26.4 | 751.7 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 00:00 | 23.8 | 23.9 | 23.7 | 100 | 23.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 751.5 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 20/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 20/01/05 | 1:00 | 23.6 | 23.7 | 23.6 | 100 | 23.6 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.6 | 25.6 | 751.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 2:00 | 23.6 | 23.6 | 23.6 | 100 | 23.6 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.6 | 25.6 | 750.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 3:00 | 23.5 | 23.6 | 23.4 | 100 | 23.5 | 0.0 | --- | 0.00 | 0.0 | --- | 23.5 | 25.5 | 25.5 | 751.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 4:00 | 23.6 | 23.7 | 23.4 | 100 | 23.6 | 0.0 | --- | 0.00 | 1.6 | NNE | 23.6 | 25.6 | 25.6 | 750.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 5:00 | 23.7 | 23.7 | 23.7 | 100 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.7 | 25.7 | 751.1 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 6:00 | 23.7 | 23.9 | 23.7 | 100 | 23.7 | 1.6 | W | 1.61 | 11.3 | W | 23.7 | 25.7 | 25.7 | 752.0 | 0.4 | 0.0 | 9 | 0.77 | 16 | 0.0 |
| 20/01/05 | 7:00 | 24.3 | 24.8 | 23.9 | 100 | 24.3 | 4.8 | W | 4.83 | 12.9 | WSW | 24.3 | 26.7 | 26.7 | 752.2 | 0.2 | 0.0 | 69 | 5.93 | 109 | 0.3 |
| 20/01/05 | 8:00 | 25.1 | 25.4 | 24.8 | 97 | 24.6 | 11.3 | W | 11.27 | 25.7 | WSW | 25.1 | 27.9 | 27.0 | 752.5 | 0.2 | 0.0 | 127 | 10.92 | 194 | 0.6 |
| 20/01/05 | 9:00 | 26.4 | 27.3 | 25.3 | 89 | 24.4 | 11.3 | WSW | 11.27 | 22.5 | WSW | 26.4 | 29.7 | 28.8 | 752.4 | 0.2 | 0.0 | 322 | 27.70 | 600 | 1.6 |
| 20/01/05 | 10:00 | 28.0 | 28.8 | 27.3 | 84 | 25.0 | 12.9 | WSW | 12.87 | 29.0 | SW | 28.0 | 32.9 | 32.0 | 752.1 | 0.4 | 0.0 | 517 | 44.47 | 901 | 2.7 |
| 20/01/05 | 11:00 | 28.1 | 29.3 | 26.6 | 82 | 24.7 | 12.9 | WSW | 12.87 | 27.4 | WSW | 28.1 | 32.8 | 31.9 | 751.9 | 0.2 | 0.0 | 376 | 32.34 | 1077 | 3.1 |
| 20/01/05 | 12:00 | 30.2 | 30.9 | 29.1 | 73 | 24.8 | 12.9 | SW | 12.87 | 25.7 | WSW | 30.2 | 36.0 | 35.3 | 751.7 | 0.0 | 0.0 | 671 | 57.71 | 1021 | 4.3 |
| 20/01/05 | 13:00 | 31.3 | 32.2 | 30.8 | 64 | 23.7 | 14.5 | SW | 14.48 | 30.6 | WSW | 31.3 | 36.6 | 36.0 | 751.1 | 0.0 | 0.0 | 871 | 74.92 | 1035 | 4.5 |
| 20/01/05 | 14:00 | 32.1 | 32.9 | 31.0 | 62 | 23.9 | 16.1 | WSW | 16.09 | 33.8 | WSW | 32.1 | 37.8 | 37.2 | 750.3 | 0.2 | 0.0 | 742 | 63.82 | 1003 | 3.6 |
| 20/01/05 | 15:00 | 32.6 | 33.2 | 31.9 | 59 | 23.6 | 19.3 | WSW | 19.31 | 38.6 | SW | 32.6 | 37.9 | 37.2 | 749.9 | 0.0 | 0.0 | 622 | 53.50 | 785 | 2.6 |
| 20/01/05 | 16:00 | 32.6 | 33.1 | 32.1 | 53 | 21.7 | 20.9 | WSW | 20.92 | 38.6 | SW | 32.6 | 36.3 | 35.5 | 749.8 | 0.0 | 0.0 | 508 | 43.69 | 651 | 1.6 |
| 20/01/05 | 17:00 | 31.8 | 32.4 | 31.1 | 59 | 22.8 | 20.9 | SW | 20.92 | 38.6 | SW | 31.8 | 36.3 | 35.4 | 749.7 | 0.0 | 0.0 | 292 | 25.12 | 385 | 0.7 |
| 20/01/05 | 18:00 | 30.2 | 31.1 | 28.8 | 74 | 25.0 | 16.1 | SW | 16.09 | 33.8 | SW | 30.2 | 36.2 | 35.3 | 750.4 | 0.0 | 0.0 | 112 | 9.63 | 202 | 0.2 |
| 20/01/05 | 19:00 | 27.2 | 28.8 | 25.7 | 80 | 23.5 | 8.0 | WSW | 8.05 | 19.3 | SW | 27.2 | 30.4 | 30.2 | 751.3 | 0.0 | 0.0 | 8 | 0.69 | 35 | 0.0 |
| 20/01/05 | 20:00 | 24.9 | 25.6 | 24.3 | 86 | 22.4 | 1.6 | WSW | 1.61 | 11.3 | WSW | 24.9 | 26.9 | 26.9 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 21:00 | 23.7 | 24.3 | 23.4 | 84 | 20.9 | 0.0 | SW | 0.00 | 3.2 | SW | 23.7 | 25.0 | 25.0 | 752.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 22:00 | 22.6 | 23.4 | 22.1 | 88 | 20.5 | 0.0 | W | 0.00 | 3.2 | W | 22.6 | 23.6 | 23.6 | 752.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 20/01/05 | 23:00 | 23.1 | 23.3 | 22.2 | 85 | 20.4 | 0.0 | W | 0.00 | 3.2 | WNW | 23.1 | 24.2 | 24.2 | 752.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 00:00 | 22.2 | 23.1 | 21.3 | 97 | 21.7 | 0.0 | WNW | 0.00 | 1.6 | WNW | 22.2 | 23.9 | 23.9 | 752.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 21/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 21/01/05 | 1:00 | 21.2 | 21.4 | 21.1 | 96 | 20.6 | 0.0 | WNW | 0.00 | 1.6 | WNW | 21.2 | 22.8 | 22.8 | 751.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 2:00 | 21.1 | 21.3 | 20.9 | 97 | 20.6 | 0.0 | --- | 0.00 | 0.0 | --- | 21.1 | 22.8 | 22.8 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 3:00 | 20.9 | 21.0 | 20.2 | 98 | 20.6 | 0.0 | WSW | 0.00 | 3.2 | WSW | 20.9 | 22.6 | 22.6 | 751.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 4:00 | 20.2 | 20.5 | 19.9 | 97 | 19.7 | 0.0 | WSW | 0.00 | 4.8 | WSW | 20.2 | 21.3 | 21.3 | 752.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 5:00 | 20.1 | 20.6 | 19.6 | 100 | 20.1 | 0.0 | N | 0.00 | 3.2 | N | 20.1 | 21.2 | 21.2 | 752.8 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 6:00 | 20.2 | 21.3 | 19.7 | 99 | 20.1 | 0.0 | SSW | 0.00 | 3.2 | WNW | 20.2 | 21.4 | 21.4 | 753.4 | 0.0 | 0.0 | 37 | 3.18 | 106 | 0.0 |
| 21/01/05 | 7:00 | 22.7 | 24.1 | 21.3 | 91 | 21.2 | 4.8 | SW | 4.83 | 11.3 | SW | 22.7 | 23.8 | 23.8 | 753.9 | 0.0 | 0.0 | 195 | 16.77 | 285 | 0.4 |
| 21/01/05 | 8:00 | 25.6 | 26.8 | 24.1 | 82 | 22.3 | 1.6 | SW | 1.61 | 11.3 | WSW | 25.6 | 27.7 | 27.7 | 754.2 | 0.0 | 0.0 | 376 | 32.34 | 459 | 1.1 |
| 21/01/05 | 9:00 | 27.3 | 27.9 | 26.7 | 80 | 23.6 | 1.6 | ESE | 1.61 | 9.7 | S | 27.3 | 30.7 | 30.7 | 754.5 | 0.2 | 0.0 | 538 | 46.27 | 612 | 2.1 |
| 21/01/05 | 10:00 | 28.4 | 29.2 | 27.6 | 78 | 24.2 | 1.6 | E | 1.61 | 11.3 | ESE | 28.4 | 33.1 | 33.1 | 754.6 | 0.2 | 0.0 | 678 | 58.32 | 744 | 3.4 |
| 21/01/05 | 11:00 | 29.8 | 30.3 | 29.2 | 74 | 24.7 | 4.8 | E | 4.83 | 12.9 | ENE | 29.8 | 35.4 | 35.4 | 754.4 | 0.0 | 0.0 | 803 | 69.07 | 838 | 4.5 |
| 21/01/05 | 12:00 | 30.7 | 31.3 | 30.2 | 77 | 26.2 | 4.8 | ESE | 4.83 | 12.9 | E | 30.7 | 38.4 | 38.4 | 753.8 | 0.0 | 0.0 | 789 | 67.86 | 940 | 3.1 |
| 21/01/05 | 13:00 | 31.1 | 32.1 | 30.6 | 70 | 24.9 | 3.2 | ESE | 3.22 | 12.9 | ESE | 31.1 | 37.2 | 37.2 | 753.3 | 0.0 | 0.0 | 396 | 34.06 | 957 | 3.3 |
| 21/01/05 | 14:00 | 31.8 | 32.6 | 31.3 | 68 | 25.2 | 3.2 | ESE | 3.22 | 11.3 | SE | 31.8 | 38.9 | 38.9 | 752.7 | 0.0 | 0.0 | 430 | 36.98 | 904 | 1.7 |
| 21/01/05 | 15:00 | 32.8 | 33.7 | 31.4 | 58 | 23.5 | 3.2 | SE | 3.22 | 9.7 | ESE | 32.8 | 38.1 | 38.1 | 751.9 | 0.0 | 0.0 | 649 | 55.82 | 820 | 2.6 |
| 21/01/05 | 16:00 | 33.2 | 33.7 | 32.8 | 58 | 23.8 | 1.6 | E | 1.61 | 8.0 | E | 33.2 | 39.1 | 39.1 | 751.4 | 0.0 | 0.0 | 410 | 35.26 | 572 | 1.3 |
| 21/01/05 | 17:00 | 33.3 | 33.7 | 32.8 | 57 | 23.6 | 0.0 | S | 0.00 | 8.0 | S | 33.3 | 38.9 | 38.9 | 751.3 | 0.2 | 0.0 | 287 | 24.69 | 396 | 0.7 |
| 21/01/05 | 18:00 | 32.6 | 33.0 | 32.3 | 64 | 24.9 | 0.0 | SSE | 0.00 | 3.2 | SSE | 32.6 | 39.7 | 39.7 | 751.5 | 0.0 | 0.0 | 95 | 8.17 | 202 | 0.1 |
| 21/01/05 | 19:00 | 30.9 | 32.3 | 29.8 | 77 | 26.4 | 0.0 | --- | 0.00 | 0.0 | --- | 30.9 | 39.0 | 39.0 | 752.2 | 0.0 | 0.0 | 11 | 0.95 | 44 | 0.0 |
| 21/01/05 | 20:00 | 28.2 | 29.8 | 26.9 | 90 | 26.4 | 0.0 | --- | 0.00 | 0.0 | --- | 28.2 | 34.5 | 34.5 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 21:00 | 27.3 | 27.6 | 27.1 | 89 | 25.4 | 1.6 | ENE | 1.61 | 16.1 | NE | 27.3 | 31.9 | 31.9 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 22:00 | 26.7 | 27.3 | 26.2 | 91 | 25.1 | 8.0 | ENE | 8.05 | 17.7 | ENE | 26.7 | 30.6 | 30.3 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 21/01/05 | 23:00 | 25.9 | 26.3 | 25.7 | 91 | 24.3 | 6.4 | ENE | 6.44 | 11.3 | NE | 25.9 | 28.9 | 28.9 | 754.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 00:00 | 26.3 | 26.4 | 26.0 | 93 | 25.1 | 4.8 | E | 4.83 | 12.9 | E | 26.3 | 30.1 | 30.1 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 22/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 22/01/05 | 1:00 | 26.3 | 26.6 | 26.0 | 90 | 24.6 | 8.0 | ENE | 8.05 | 19.3 | ENE | 26.3 | 29.7 | 29.3 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 2:00 | 26.3 | 26.4 | 25.9 | 95 | 25.4 | 11.3 | ENE | 11.27 | 25.7 | ESE | 26.3 | 30.2 | 29.3 | 753.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 3:00 | 25.4 | 25.9 | 25.0 | 100 | 25.4 | 3.2 | ENE | 3.22 | 14.5 | ENE | 25.4 | 28.9 | 28.9 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 4:00 | 25.7 | 25.8 | 25.1 | 96 | 25.0 | 6.4 | ENE | 6.44 | 17.7 | E | 25.7 | 28.9 | 28.9 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 5:00 | 25.7 | 25.8 | 25.5 | 96 | 25.0 | 6.4 | ENE | 6.44 | 19.3 | ENE | 25.7 | 29.1 | 29.1 | 754.6 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 6:00 | 25.6 | 25.7 | 25.5 | 97 | 25.0 | 4.8 | ENE | 4.83 | 16.1 | NE | 25.6 | 28.8 | 28.8 | 755.3 | 0.0 | 0.0 | 16 | 1.38 | 46 | 0.0 |
| 22/01/05 | 7:00 | 26.0 | 26.3 | 25.6 | 94 | 25.0 | 6.4 | E | 6.44 | 16.1 | E | 26.0 | 29.4 | 29.4 | 756.2 | 0.0 | 0.0 | 95 | 8.17 | 137 | 0.2 |
| 22/01/05 | 8:00 | 26.6 | 26.9 | 26.3 | 93 | 25.4 | 9.7 | ENE | 9.66 | 19.3 | ENE | 26.6 | 30.7 | 30.1 | 756.7 | 0.0 | 0.0 | 134 | 11.53 | 150 | 0.6 |
| 22/01/05 | 9:00 | 27.1 | 27.7 | 26.8 | 88 | 25.0 | 9.7 | NE | 9.66 | 19.3 | NE | 27.1 | 31.2 | 30.6 | 757.0 | 0.0 | 0.0 | 208 | 17.89 | 331 | 0.8 |
| 22/01/05 | 10:00 | 28.3 | 28.7 | 27.7 | 80 | 24.5 | 9.7 | NE | 9.66 | 19.3 | NE | 28.3 | 32.8 | 32.3 | 756.9 | 0.0 | 0.0 | 306 | 26.32 | 354 | 0.2 |
| 22/01/05 | 11:00 | 29.2 | 29.8 | 28.6 | 82 | 25.8 | 6.4 | NE | 6.44 | 16.1 | ENE | 29.2 | 35.8 | 35.8 | 756.3 | 0.0 | 0.0 | 358 | 30.79 | 577 | 1.9 |
| 22/01/05 | 12:00 | 29.7 | 30.3 | 29.2 | 83 | 26.5 | 4.8 | E | 4.83 | 12.9 | NNE | 29.7 | 37.1 | 37.1 | 755.8 | 0.0 | 0.0 | 411 | 35.35 | 663 | 1.3 |
| 22/01/05 | 13:00 | 28.8 | 29.7 | 27.9 | 84 | 25.8 | 6.4 | ENE | 6.44 | 16.1 | ENE | 28.8 | 35.1 | 35.1 | 755.2 | 0.0 | 0.0 | 357 | 30.71 | 445 | 0.6 |
| 22/01/05 | 14:00 | 29.7 | 30.3 | 28.9 | 80 | 25.9 | 4.8 | E | 4.83 | 16.1 | SE | 29.7 | 36.4 | 36.4 | 754.7 | 0.0 | 0.0 | 399 | 34.32 | 795 | 2.7 |
| 22/01/05 | 15:00 | 30.0 | 30.6 | 29.4 | 75 | 25.1 | 1.6 | E | 1.61 | 12.9 | ENE | 30.0 | 36.0 | 36.0 | 754.1 | 0.0 | 0.0 | 192 | 16.51 | 257 | 1.0 |
| 22/01/05 | 16:00 | 28.0 | 29.4 | 26.9 | 80 | 24.2 | 6.4 | E | 6.44 | 16.1 | NE | 28.0 | 32.1 | 32.1 | 753.5 | 0.0 | 0.0 | 242 | 20.81 | 297 | 0.2 |
| 22/01/05 | 17:00 | 28.3 | 29.8 | 26.1 | 88 | 26.1 | 8.0 | E | 8.05 | 27.4 | N | 28.3 | 34.4 | 34.2 | 754.4 | 0.0 | 0.0 | 47 | 4.04 | 259 | 0.3 |
| 22/01/05 | 18:00 | 24.8 | 26.1 | 24.2 | 96 | 24.2 | 4.8 | N | 4.83 | 19.3 | N | 24.8 | 27.3 | 27.3 | 754.7 | 0.0 | 0.0 | 17 | 1.46 | 35 | 0.0 |
| 22/01/05 | 19:00 | 25.3 | 25.8 | 24.6 | 95 | 24.5 | 4.8 | E | 4.83 | 20.9 | E | 25.3 | 28.2 | 28.2 | 755.2 | 0.4 | 0.0 | 1 | 0.09 | 7 | 0.0 |
| 22/01/05 | 20:00 | 25.3 | 25.8 | 25.1 | 97 | 24.8 | 1.6 | ENE | 1.61 | 11.3 | NE | 25.3 | 28.3 | 28.3 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 21:00 | 25.4 | 25.8 | 25.0 | 98 | 25.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.4 | 28.7 | 28.7 | 756.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 22:00 | 24.9 | 25.2 | 24.4 | 100 | 24.9 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 27.8 | 27.8 | 756.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 22/01/05 | 23:00 | 24.2 | 24.4 | 24.1 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.4 | 26.4 | 757.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 00:00 | 24.3 | 24.3 | 24.2 | 100 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.6 | 26.6 | 756.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 23/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 23/01/05 | 1:00 | 24.4 | 24.6 | 24.1 | 100 | 24.4 | 0.0 | --- | 0.00 | 0.0 | --- | 24.4 | 26.9 | 26.9 | 756.0 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 2:00 | 23.9 | 24.1 | 23.7 | 100 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 755.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 3:00 | 23.9 | 24.4 | 23.7 | 100 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 26.0 | 26.0 | 755.6 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 4:00 | 24.6 | 24.7 | 24.4 | 100 | 24.6 | 0.0 | E | 0.00 | 1.6 | ENE | 24.6 | 27.1 | 27.1 | 755.5 | 0.4 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 5:00 | 24.1 | 24.5 | 23.7 | 100 | 24.1 | 0.0 | ESE | 0.00 | 1.6 | E | 24.1 | 26.2 | 26.2 | 755.9 | 0.6 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 6:00 | 23.7 | 23.9 | 23.3 | 97 | 23.2 | 6.4 | NNE | 6.44 | 22.5 | N | 23.7 | 25.6 | 25.6 | 757.0 | 0.8 | 4.4 | 6 | 0.52 | 9 | 0.0 |
| 23/01/05 | 7:00 | 22.7 | 23.3 | 22.5 | 100 | 22.7 | 1.6 | NNE | 1.61 | 19.3 | NNE | 22.7 | 24.7 | 24.7 | 756.8 | 0.8 | 0.8 | 10 | 0.86 | 18 | 0.0 |
| 23/01/05 | 8:00 | 22.9 | 23.6 | 22.6 | 100 | 22.9 | 1.6 | ENE | 1.61 | 8.0 | N | 22.9 | 24.9 | 24.9 | 756.9 | 1.0 | 1.2 | 85 | 7.31 | 176 | 0.3 |
| 23/01/05 | 9:00 | 24.4 | 25.1 | 23.6 | 99 | 24.3 | 1.6 | E | 1.61 | 12.9 | ENE | 24.4 | 26.8 | 26.8 | 757.6 | 0.8 | 2.6 | 201 | 17.29 | 241 | 0.8 |
| 23/01/05 | 10:00 | 25.4 | 26.2 | 25.0 | 93 | 24.2 | 8.0 | E | 8.05 | 16.1 | E | 25.4 | 28.2 | 27.8 | 756.9 | 1.0 | 2.8 | 238 | 20.47 | 438 | 1.1 |
| 23/01/05 | 11:00 | 26.7 | 27.2 | 26.2 | 86 | 24.2 | 8.0 | ENE | 8.05 | 19.3 | NE | 26.7 | 30.1 | 29.7 | 756.7 | 0.8 | 1.0 | 448 | 38.53 | 635 | 2.1 |
| 23/01/05 | 12:00 | 27.3 | 28.1 | 26.7 | 86 | 24.8 | 8.0 | E | 8.05 | 16.1 | ENE | 27.3 | 31.4 | 31.2 | 755.7 | 0.8 | 1.0 | 666 | 57.28 | 992 | 2.5 |
| 23/01/05 | 13:00 | 28.3 | 28.7 | 27.8 | 80 | 24.5 | 9.7 | E | 9.66 | 20.9 | NE | 28.3 | 32.8 | 32.3 | 754.6 | 0.6 | 1.0 | 804 | 69.15 | 926 | 0.5 |
| 23/01/05 | 14:00 | 28.9 | 29.6 | 28.4 | 75 | 24.0 | 9.7 | E | 9.66 | 19.3 | E | 28.9 | 33.7 | 33.3 | 754.1 | 0.2 | 0.0 | 61 | 5.25 | 241 | 3.2 |
| 23/01/05 | 15:00 | 29.4 | 29.8 | 29.1 | 77 | 24.9 | 9.7 | E | 9.66 | 20.9 | ENE | 29.4 | 35.2 | 34.7 | 753.5 | 0.0 | 0.0 | 529 | 45.50 | 734 | 2.1 |
| 23/01/05 | 16:00 | 29.4 | 29.8 | 29.1 | 76 | 24.8 | 8.0 | E | 8.05 | 17.7 | ESE | 29.4 | 35.1 | 34.9 | 753.2 | 0.0 | 0.0 | 370 | 31.82 | 658 | 1.0 |
| 23/01/05 | 17:00 | 28.8 | 29.4 | 28.2 | 82 | 25.5 | 4.8 | E | 4.83 | 12.9 | E | 28.8 | 34.9 | 34.9 | 753.1 | 0.0 | 0.0 | 99 | 8.52 | 326 | 0.1 |
| 23/01/05 | 18:00 | 27.7 | 28.2 | 27.3 | 86 | 25.2 | 3.2 | ENE | 3.22 | 11.3 | E | 27.7 | 32.5 | 32.5 | 753.6 | 0.0 | 0.0 | 32 | 2.75 | 48 | 0.0 |
| 23/01/05 | 19:00 | 26.8 | 27.3 | 25.1 | 97 | 26.3 | 3.2 | N | 3.22 | 22.5 | N | 26.8 | 31.8 | 31.8 | 754.4 | 0.2 | 0.0 | 2 | 0.17 | 12 | 0.0 |
| 23/01/05 | 20:00 | 24.4 | 25.1 | 24.1 | 100 | 24.4 | 3.2 | NNW | 3.22 | 12.9 | N | 24.4 | 26.8 | 26.8 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 21:00 | 24.2 | 24.2 | 24.1 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.4 | 26.4 | 755.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 22:00 | 24.2 | 24.3 | 24.1 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.4 | 26.4 | 755.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 23/01/05 | 23:00 | 24.1 | 24.1 | 23.9 | 100 | 24.1 | 0.0 | --- | 0.00 | 0.0 | --- | 24.1 | 26.2 | 26.2 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 00:00 | 23.9 | 24.1 | 23.8 | 100 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 24/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 24/01/05 | 1:00 | 24.6 | 25.0 | 24.1 | 100 | 24.6 | 0.0 | --- | 0.00 | 0.0 | --- | 24.6 | 27.2 | 27.2 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 2:00 | 24.7 | 25.1 | 24.1 | 100 | 24.7 | 0.0 | --- | 0.00 | 0.0 | --- | 24.7 | 27.4 | 27.4 | 753.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 3:00 | 23.7 | 24.1 | 23.6 | 100 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.7 | 25.7 | 753.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 4:00 | 23.6 | 23.7 | 23.6 | 100 | 23.6 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.6 | 25.6 | 753.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 5:00 | 23.4 | 23.6 | 23.3 | 100 | 23.4 | 0.0 | --- | 0.00 | 0.0 | --- | 23.4 | 25.4 | 25.4 | 753.6 | 0.6 | 1.2 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 6:00 | 23.3 | 23.7 | 23.2 | 100 | 23.3 | 0.0 | --- | 0.00 | 0.0 | --- | 23.3 | 25.3 | 25.3 | 754.0 | 0.2 | 1.6 | 13 | 1.12 | 39 | 0.0 |
| 24/01/05 | 7:00 | 24.2 | 24.6 | 23.7 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.4 | 26.4 | 754.3 | 0.8 | 2.2 | 69 | 5.93 | 88 | 0.2 |
| 24/01/05 | 8:00 | 26.0 | 26.8 | 24.6 | 91 | 24.4 | 8.0 | NE | 8.05 | 19.3 | NE | 26.0 | 29.1 | 28.8 | 754.5 | 0.2 | 1.2 | 321 | 27.61 | 477 | 0.7 |
| 24/01/05 | 9:00 | 27.1 | 27.4 | 26.7 | 88 | 24.9 | 11.3 | NNE | 11.27 | 25.7 | NNE | 27.1 | 31.1 | 30.3 | 754.7 | 0.8 | 42.6 | 307 | 26.41 | 366 | 1.0 |
| 24/01/05 | 10:00 | 27.9 | 28.2 | 27.4 | 80 | 24.2 | 12.9 | N | 12.87 | 27.4 | N | 27.9 | 32.0 | 31.1 | 754.4 | 0.4 | 0.0 | 315 | 27.09 | 389 | 1.3 |
| 24/01/05 | 11:00 | 28.8 | 29.7 | 28.2 | 78 | 24.6 | 16.1 | N | 16.09 | 27.4 | N | 28.8 | 34.1 | 33.0 | 753.5 | 0.4 | 0.0 | 473 | 40.68 | 635 | 2.2 |
| 24/01/05 | 12:00 | 29.7 | 31.1 | 29.2 | 72 | 24.1 | 14.5 | N | 14.48 | 29.0 | N | 29.7 | 34.8 | 34.0 | 752.7 | 0.0 | 0.0 | 415 | 35.69 | 1165 | 2.4 |
| 24/01/05 | 13:00 | 30.5 | 31.3 | 29.8 | 71 | 24.6 | 16.1 | N | 16.09 | 30.6 | N | 30.5 | 36.3 | 35.4 | 751.9 | 0.0 | 0.0 | 462 | 39.74 | 889 | 1.7 |
| 24/01/05 | 14:00 | 29.0 | 30.6 | 27.9 | 77 | 24.6 | 16.1 | N | 16.09 | 30.6 | N | 29.0 | 34.3 | 33.2 | 751.1 | 0.0 | 0.0 | 506 | 43.52 | 913 | 2.4 |
| 24/01/05 | 15:00 | 30.3 | 31.1 | 29.4 | 64 | 22.8 | 17.7 | N | 17.70 | 33.8 | N | 30.3 | 34.4 | 33.4 | 750.4 | 0.0 | 0.0 | 687 | 59.09 | 765 | 2.4 |
| 24/01/05 | 16:00 | 30.3 | 31.2 | 29.3 | 74 | 25.2 | 16.1 | N | 16.09 | 30.6 | NNW | 30.3 | 36.6 | 35.7 | 750.1 | 0.0 | 0.0 | 390 | 33.54 | 718 | 1.3 |
| 24/01/05 | 17:00 | 28.9 | 30.1 | 28.1 | 75 | 24.1 | 9.7 | N | 9.66 | 17.7 | N | 28.9 | 33.8 | 33.4 | 749.9 | 0.0 | 0.0 | 165 | 14.19 | 394 | 0.3 |
| 24/01/05 | 18:00 | 28.8 | 29.7 | 28.1 | 83 | 25.7 | 9.7 | N | 9.66 | 20.9 | N | 28.8 | 35.1 | 34.6 | 750.0 | 0.0 | 0.0 | 83 | 7.14 | 167 | 0.1 |
| 24/01/05 | 19:00 | 27.0 | 28.1 | 26.1 | 92 | 25.6 | 3.2 | NE | 3.22 | 11.3 | NNE | 27.0 | 31.5 | 31.5 | 750.8 | 0.0 | 0.0 | 7 | 0.60 | 28 | 0.0 |
| 24/01/05 | 20:00 | 25.8 | 26.1 | 25.4 | 96 | 25.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.8 | 29.3 | 29.3 | 750.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 21:00 | 25.7 | 25.8 | 25.4 | 97 | 25.2 | 0.0 | NE | 0.00 | 9.7 | NE | 25.7 | 29.1 | 29.1 | 751.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 22:00 | 25.4 | 25.8 | 25.0 | 99 | 25.2 | 8.0 | NE | 8.05 | 27.4 | WNW | 25.4 | 28.7 | 28.3 | 751.9 | 1.0 | 2.2 | 0 | 0.00 | 0 | 0.0 |
| 24/01/05 | 23:00 | 24.8 | 25.1 | 24.7 | 100 | 24.8 | 1.6 | NE | 1.61 | 12.9 | NE | 24.8 | 27.7 | 27.7 | 751.6 | 2.0 | 2.4 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 00:00 | 24.3 | 24.9 | 23.9 | 100 | 24.3 | 6.4 | NE | 6.44 | 20.9 | NNW | 24.3 | 26.7 | 26.7 | 751.3 | 1.6 | 2.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 25/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 25/01/05 | 1:00 | 23.6 | 24.1 | 23.2 | 100 | 23.6 | 4.8 | NNE | 4.83 | 19.3 | N | 23.6 | 25.6 | 25.6 | 750.9 | 1.4 | 1.8 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 2:00 | 23.0 | 23.3 | 22.9 | 100 | 23.0 | 1.6 | WSW | 1.61 | 12.9 | WSW | 23.0 | 25.0 | 25.0 | 750.7 | 0.6 | 1.4 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 3:00 | 23.6 | 23.7 | 23.3 | 100 | 23.6 | 0.0 | WNW | 0.00 | 3.2 | WNW | 23.6 | 25.6 | 25.6 | 750.3 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 4:00 | 23.8 | 23.9 | 23.7 | 100 | 23.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 750.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 5:00 | 23.9 | 24.1 | 23.8 | 100 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 750.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 6:00 | 24.0 | 24.1 | 23.9 | 100 | 24.0 | 0.0 | NNE | 0.00 | 8.0 | NNE | 24.0 | 26.1 | 26.1 | 751.1 | 0.0 | 0.0 | 16 | 1.38 | 53 | 0.0 |
| 25/01/05 | 7:00 | 24.6 | 24.9 | 24.1 | 100 | 24.6 | 3.2 | N | 3.22 | 16.1 | N | 24.6 | 27.2 | 27.2 | 751.6 | 0.2 | 0.0 | 55 | 4.73 | 70 | 0.0 |
| 25/01/05 | 8:00 | 25.2 | 25.5 | 24.9 | 97 | 24.7 | 6.4 | NNW | 6.44 | 19.3 | NW | 25.2 | 28.2 | 28.2 | 751.7 | 0.0 | 0.0 | 94 | 8.09 | 150 | 0.4 |
| 25/01/05 | 9:00 | 26.1 | 26.6 | 25.4 | 94 | 25.0 | 11.3 | NW | 11.27 | 25.7 | WNW | 26.1 | 29.6 | 28.7 | 751.9 | 0.2 | 0.0 | 231 | 19.87 | 387 | 1.0 |
| 25/01/05 | 10:00 | 26.9 | 27.8 | 26.3 | 85 | 24.2 | 12.9 | W | 12.87 | 22.5 | WSW | 26.9 | 30.4 | 29.4 | 752.0 | 0.0 | 0.0 | 402 | 34.58 | 552 | 2.0 |
| 25/01/05 | 11:00 | 27.0 | 28.4 | 24.9 | 100 | 27.0 | 12.9 | WSW | 12.87 | 30.6 | WSW | 27.0 | 33.0 | 32.0 | 752.0 | 0.0 | 0.0 | 280 | 24.08 | 781 | 2.0 |
| 25/01/05 | 12:00 | 26.0 | 28.2 | 24.5 | 86 | 23.5 | 6.4 | SW | 6.44 | 22.5 | SW | 26.0 | 28.6 | 28.6 | 751.4 | 1.0 | 2.6 | 314 | 27.01 | 1140 | 2.6 |
| 25/01/05 | 13:00 | 28.1 | 29.8 | 26.1 | 96 | 27.4 | 16.1 | SW | 16.09 | 43.5 | SSW | 28.1 | 35.7 | 34.4 | 751.0 | 1.0 | 2.8 | 699 | 60.12 | 1012 | 3.7 |
| 25/01/05 | 14:00 | 27.2 | 28.0 | 26.7 | 87 | 24.9 | 9.7 | SW | 9.66 | 29.0 | SSW | 27.2 | 31.3 | 30.7 | 750.8 | 1.0 | 2.8 | 251 | 21.59 | 507 | 1.8 |
| 25/01/05 | 15:00 | 26.4 | 27.8 | 25.1 | 91 | 24.8 | 6.4 | SE | 6.44 | 29.0 | SW | 26.4 | 29.9 | 29.9 | 751.1 | 0.8 | 1.2 | 206 | 17.72 | 565 | 1.1 |
| 25/01/05 | 16:00 | 26.0 | 26.9 | 25.1 | 88 | 23.9 | 4.8 | ESE | 4.83 | 19.3 | SE | 26.0 | 28.8 | 28.8 | 750.8 | 1.0 | 1.4 | 282 | 24.26 | 494 | 1.0 |
| 25/01/05 | 17:00 | 26.9 | 27.4 | 26.6 | 87 | 24.6 | 1.6 | ENE | 1.61 | 9.7 | ESE | 26.9 | 30.7 | 30.7 | 751.1 | 0.8 | 1.2 | 148 | 12.73 | 491 | 0.2 |
| 25/01/05 | 18:00 | 26.8 | 27.6 | 26.1 | 95 | 26.0 | 0.0 | ENE | 0.00 | 8.0 | ENE | 26.8 | 31.6 | 31.6 | 751.4 | 1.0 | 1.2 | 72 | 6.19 | 111 | 0.0 |
| 25/01/05 | 19:00 | 25.6 | 26.2 | 24.7 | 100 | 25.6 | 0.0 | ENE | 0.00 | 8.0 | ENE | 25.6 | 29.2 | 29.2 | 752.1 | 0.8 | 0.8 | 19 | 1.63 | 48 | 0.0 |
| 25/01/05 | 20:00 | 24.2 | 24.7 | 23.8 | 100 | 24.2 | 0.0 | --- | 0.00 | 0.0 | --- | 24.2 | 26.5 | 26.5 | 752.9 | 0.6 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 21:00 | 23.6 | 23.8 | 23.3 | 100 | 23.6 | 0.0 | --- | 0.00 | 0.0 | --- | 23.6 | 25.6 | 25.6 | 753.7 | 0.6 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 22:00 | 23.2 | 23.4 | 22.8 | 100 | 23.2 | 0.0 | WNW | 0.00 | 8.0 | WNW | 23.2 | 25.2 | 25.2 | 754.0 | 0.6 | 0.8 | 0 | 0.00 | 0 | 0.0 |
| 25/01/05 | 23:00 | 22.6 | 22.9 | 22.5 | 100 | 22.6 | 0.0 | NW | 0.00 | 1.6 | NW | 22.6 | 24.6 | 24.6 | 754.2 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 00:00 | 22.3 | 22.5 | 22.3 | 100 | 22.3 | 1.6 | WSW | 1.61 | 8.0 | WSW | 22.3 | 24.3 | 24.3 | 753.9 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 26/01/05

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 26/01/05 | 1:00 | 22.2 | 22.3 | 22.2 | 99 | 22.1 | 3.2 | WSW | 3.22 | 8.0 | WSW | 22.2 | 24.1 | 24.1 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 2:00 | 22.2 | 22.5 | 22.1 | 96 | 21.6 | 6.4 | SW | 6.44 | 12.9 | WSW | 22.2 | 23.8 | 23.8 | 753.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 3:00 | 22.4 | 23.4 | 22.0 | 85 | 19.8 | 9.7 | SW | 9.66 | 29.0 | SSW | 22.4 | 23.4 | 22.5 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 4:00 | 23.2 | 23.7 | 22.9 | 82 | 20.0 | 14.5 | SSW | 14.48 | 30.6 | SSW | 23.2 | 24.3 | 22.5 | 754.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 5:00 | 23.0 | 23.2 | 22.9 | 89 | 21.1 | 12.9 | S | 12.87 | 27.4 | SSE | 23.0 | 24.1 | 22.6 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 6:00 | 23.3 | 24.1 | 22.9 | 87 | 21.0 | 8.0 | S | 8.05 | 22.5 | S | 23.3 | 24.5 | 24.0 | 755.2 | 0.0 | 0.0 | 25 | 2.15 | 65 | 0.0 |
| 26/01/05 | 7:00 | 24.4 | 24.6 | 24.1 | 83 | 21.3 | 11.3 | ESE | 11.27 | 30.6 | SE | 24.4 | 25.9 | 24.9 | 755.7 | 0.0 | 0.0 | 78 | 6.71 | 197 | 0.1 |
| 26/01/05 | 8:00 | 25.2 | 26.0 | 24.6 | 73 | 20.0 | 11.3 | ESE | 11.27 | 27.4 | ESE | 25.2 | 26.5 | 25.5 | 756.5 | 0.2 | 0.0 | 305 | 26.23 | 595 | 0.8 |
| 26/01/05 | 9:00 | 25.8 | 26.0 | 25.6 | 75 | 21.0 | 11.3 | ESE | 11.27 | 24.1 | ENE | 25.8 | 27.3 | 26.4 | 756.8 | 0.0 | 0.0 | 267 | 22.96 | 528 | 1.1 |
| 26/01/05 | 10:00 | 26.0 | 26.3 | 25.7 | 73 | 20.8 | 8.0 | ESE | 8.05 | 27.4 | SE | 26.0 | 27.4 | 27.0 | 756.9 | 0.0 | 0.0 | 255 | 21.93 | 340 | 1.2 |
| 26/01/05 | 11:00 | 26.7 | 27.1 | 26.2 | 70 | 20.7 | 11.3 | ESE | 11.27 | 22.5 | SSE | 26.7 | 28.3 | 27.5 | 756.8 | 0.0 | 0.0 | 422 | 36.30 | 560 | 2.1 |
| 26/01/05 | 12:00 | 27.1 | 27.3 | 26.7 | 71 | 21.3 | 8.0 | ESE | 8.05 | 22.5 | ENE | 27.1 | 29.2 | 28.9 | 756.7 | 0.0 | 0.0 | 391 | 33.63 | 528 | 2.2 |
| 26/01/05 | 13:00 | 27.5 | 28.0 | 27.1 | 71 | 21.8 | 4.8 | E | 4.83 | 16.1 | ESE | 27.5 | 30.1 | 30.1 | 756.3 | 0.0 | 0.0 | 347 | 29.85 | 512 | 1.3 |
| 26/01/05 | 14:00 | 27.4 | 28.0 | 27.2 | 74 | 22.4 | 4.8 | E | 4.83 | 12.9 | E | 27.4 | 30.3 | 30.3 | 755.8 | 0.0 | 0.0 | 248 | 21.33 | 384 | 1.3 |
| 26/01/05 | 15:00 | 28.2 | 29.1 | 27.3 | 70 | 22.2 | 4.8 | ESE | 4.83 | 14.5 | SE | 28.2 | 31.3 | 31.3 | 755.2 | 0.0 | 0.0 | 300 | 25.80 | 765 | 1.1 |
| 26/01/05 | 16:00 | 27.7 | 28.9 | 27.2 | 70 | 21.7 | 8.0 | ENE | 8.05 | 16.1 | E | 27.7 | 30.3 | 30.0 | 755.0 | 0.0 | 0.0 | 241 | 20.73 | 614 | 0.9 |
| 26/01/05 | 17:00 | 27.8 | 28.3 | 27.3 | 70 | 21.9 | 6.4 | E | 6.44 | 12.9 | E | 27.8 | 30.7 | 30.7 | 755.0 | 0.0 | 0.0 | 233 | 20.04 | 438 | 0.6 |
| 26/01/05 | 18:00 | 27.6 | 28.2 | 27.1 | 73 | 22.3 | 6.4 | E | 6.44 | 14.5 | ENE | 27.6 | 30.5 | 30.5 | 755.3 | 0.0 | 0.0 | 98 | 8.43 | 213 | 0.1 |
| 26/01/05 | 19:00 | 26.8 | 27.1 | 26.6 | 77 | 22.5 | 6.4 | E | 6.44 | 17.7 | ENE | 26.8 | 29.4 | 29.4 | 755.9 | 0.0 | 0.0 | 7 | 0.60 | 37 | 0.0 |
| 26/01/05 | 20:00 | 26.0 | 26.6 | 25.7 | 76 | 21.4 | 12.9 | E | 12.87 | 22.5 | E | 26.0 | 27.7 | 26.5 | 756.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 21:00 | 25.3 | 25.7 | 24.9 | 76 | 20.8 | 12.9 | E | 12.87 | 25.7 | ENE | 25.3 | 26.9 | 25.7 | 757.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 22:00 | 24.6 | 24.9 | 24.4 | 79 | 20.7 | 12.9 | E | 12.87 | 30.6 | ENE | 24.6 | 26.2 | 24.8 | 757.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 26/01/05 | 23:00 | 24.1 | 24.4 | 23.7 | 77 | 19.8 | 16.1 | E | 16.09 | 33.8 | ENE | 24.1 | 25.2 | 23.2 | 757.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 00:00 | 23.6 | 23.7 | 23.4 | 80 | 19.9 | 17.7 | E | 17.70 | 41.8 | E | 23.6 | 24.6 | 22.3 | 757.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 27/01/05

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW | Bar | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | Solar UV |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 27/01/05 | 1:00 | 22.9 | 23.4 | 22.6 | 83 | 19.9 | 17.7 | E | 17.70 | 33.8 | E | 22.9 | 24.0 | 21.7 | 757.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 2:00 | 22.3 | 22.6 | 22.1 | 79 | 18.5 | 12.9 | E | 12.87 | 32.2 | ENE | 22.3 | 23.2 | 21.6 | 756.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 3:00 | 21.9 | 22.1 | 21.6 | 76 | 17.5 | 12.9 | E | 12.87 | 27.4 | E | 21.9 | 22.5 | 20.8 | 756.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 4:00 | 21.6 | 21.7 | 21.6 | 79 | 17.8 | 14.5 | E | 14.48 | 30.6 | E | 21.6 | 22.5 | 20.4 | 756.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 5:00 | 21.6 | 21.7 | 21.4 | 78 | 17.6 | 12.9 | E | 12.87 | 27.4 | ENE | 21.6 | 22.3 | 20.6 | 757.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 6:00 | 21.5 | 21.6 | 21.3 | 81 | 18.1 | 9.7 | E | 9.66 | 22.5 | ESE | 21.5 | 22.5 | 21.5 | 757.6 | 0.0 | 0.0 | 20 | 1.72 | 53 | 0.0 |
| 27/01/05 | 7:00 | 22.0 | 22.4 | 21.6 | 77 | 17.8 | 12.9 | E | 12.87 | 30.6 | ENE | 22.0 | 22.7 | 21.0 | 757.9 | 0.0 | 0.0 | 117 | 10.06 | 194 | 0.3 |
| 27/01/05 | 8:00 | 22.3 | 22.5 | 22.1 | 76 | 17.9 | 12.9 | E | 12.87 | 29.0 | E | 22.3 | 23.1 | 21.4 | 758.4 | 0.0 | 0.0 | 165 | 14.19 | 227 | 0.5 |
| 27/01/05 | 9:00 | 22.7 | 22.9 | 22.4 | 75 | 18.1 | 11.3 | E | 11.27 | 29.0 | E | 22.7 | 23.6 | 22.4 | 758.5 | 0.0 | 0.0 | 167 | 14.36 | 206 | 0.8 |
| 27/01/05 | 10:00 | 22.7 | 23.2 | 22.3 | 82 | 19.4 | 11.3 | E | 11.27 | 25.7 | E | 22.7 | 23.7 | 22.4 | 758.6 | 0.0 | 0.0 | 234 | 20.13 | 396 | 1.3 |
| 27/01/05 | 11:00 | 23.4 | 24.1 | 22.7 | 79 | 19.5 | 8.0 | ESE | 8.05 | 22.5 | E | 23.4 | 24.4 | 23.9 | 758.4 | 0.0 | 0.0 | 353 | 30.36 | 523 | 2.0 |
| 27/01/05 | 12:00 | 24.3 | 25.2 | 23.8 | 74 | 19.3 | 8.0 | E | 8.05 | 19.3 | E | 24.3 | 25.4 | 24.9 | 758.0 | 0.0 | 0.0 | 350 | 30.10 | 572 | 2.2 |
| 27/01/05 | 13:00 | 25.1 | 25.6 | 24.8 | 73 | 19.9 | 8.0 | E | 8.05 | 20.9 | ESE | 25.1 | 26.3 | 25.9 | 757.3 | 0.0 | 0.0 | 301 | 25.89 | 648 | 1.9 |
| 27/01/05 | 14:00 | 24.7 | 25.1 | 23.8 | 82 | 21.4 | 6.4 | E | 6.44 | 19.3 | ENE | 24.7 | 26.4 | 26.4 | 757.1 | 0.0 | 0.0 | 186 | 16.00 | 262 | 1.1 |
| 27/01/05 | 15:00 | 23.2 | 24.2 | 22.5 | 97 | 22.7 | 4.8 | ESE | 4.83 | 16.1 | SE | 23.2 | 24.9 | 24.9 | 756.9 | 0.2 | 0.0 | 159 | 13.68 | 213 | 0.9 |
| 27/01/05 | 16:00 | 22.8 | 23.3 | 22.5 | 91 | 21.3 | 8.0 | SSE | 8.05 | 19.3 | SSE | 22.8 | 23.9 | 23.4 | 756.4 | 0.2 | 0.0 | 101 | 8.69 | 146 | 0.5 |
| 27/01/05 | 17:00 | 23.6 | 23.7 | 23.3 | 87 | 21.3 | 3.2 | SE | 3.22 | 12.9 | SSE | 23.6 | 24.9 | 24.9 | 756.2 | 0.0 | 0.0 | 58 | 4.99 | 123 | 0.2 |
| 27/01/05 | 18:00 | 23.5 | 23.8 | 23.2 | 88 | 21.4 | 6.4 | SSE | 6.44 | 22.5 | S | 23.5 | 24.9 | 24.9 | 756.5 | 0.0 | 0.0 | 15 | 1.29 | 35 | 0.0 |
| 27/01/05 | 19:00 | 23.0 | 23.2 | 22.9 | 88 | 20.9 | 6.4 | SSE | 6.44 | 19.3 | SE | 23.0 | 24.1 | 24.1 | 757.2 | 0.0 | 0.0 | 2 | 0.17 | 9 | 0.0 |
| 27/01/05 | 20:00 | 22.9 | 23.1 | 22.9 | 89 | 21.0 | 4.8 | SE | 4.83 | 17.7 | ESE | 22.9 | 24.1 | 24.1 | 757.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 21:00 | 22.8 | 22.9 | 22.8 | 90 | 21.1 | 4.8 | ESE | 4.83 | 17.7 | ESE | 22.8 | 23.9 | 23.9 | 757.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 22:00 | 22.9 | 22.9 | 22.9 | 89 | 21.0 | 6.4 | ESE | 6.44 | 19.3 | SE | 22.9 | 23.9 | 23.9 | 758.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 27/01/05 | 23:00 | 22.9 | 23.1 | 22.9 | 89 | 21.0 | 9.7 | E | 9.66 | 20.9 | E | 22.9 | 24.1 | 23.1 | 758.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 00:00 | 22.9 | 23.1 | 22.9 | 84 | 20.1 | 11.3 | E | 11.27 | 22.5 | ENE | 22.9 | 24.0 | 22.8 | 758.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 28/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 28/01/05 | 1:00 | 23.1 | 23.2 | 23.1 | 84 | 20.3 | 12.9 | E | 12.87 | 25.7 | NE | 23.1 | 24.2 | 22.6 | 757.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 2:00 | 22.9 | 23.1 | 22.9 | 85 | 20.3 | 12.9 | E | 12.87 | 27.4 | E | 22.9 | 24.0 | 22.5 | 757.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 3:00 | 22.8 | 22.9 | 22.6 | 88 | 20.7 | 11.3 | E | 11.27 | 20.9 | ESE | 22.8 | 23.8 | 22.5 | 757.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 4:00 | 22.4 | 22.6 | 22.3 | 88 | 20.4 | 12.9 | E | 12.87 | 27.4 | E | 22.4 | 23.4 | 21.8 | 757.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 5:00 | 22.4 | 22.6 | 22.3 | 88 | 20.3 | 12.9 | E | 12.87 | 27.4 | E | 22.4 | 23.4 | 21.8 | 757.3 | 0.4 | 1.2 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 6:00 | 22.7 | 22.8 | 22.5 | 87 | 20.4 | 12.9 | E | 12.87 | 25.7 | ESE | 22.7 | 23.7 | 22.1 | 757.7 | 0.0 | 0.0 | 12 | 1.03 | 42 | 0.0 |
| 28/01/05 | 7:00 | 22.9 | 23.2 | 22.8 | 88 | 20.8 | 9.7 | E | 9.66 | 20.9 | ENE | 22.9 | 24.0 | 23.1 | 758.0 | 0.0 | 0.0 | 63 | 5.42 | 88 | 0.0 |
| 28/01/05 | 8:00 | 23.3 | 23.7 | 23.1 | 87 | 21.0 | 14.5 | ENE | 14.48 | 27.4 | ENE | 23.3 | 24.6 | 22.8 | 757.8 | 0.0 | 0.0 | 131 | 11.27 | 250 | 0.5 |
| 28/01/05 | 9:00 | 23.9 | 24.4 | 23.7 | 87 | 21.6 | 17.7 | ENE | 17.70 | 32.2 | NE | 23.9 | 25.6 | 23.5 | 757.6 | 0.0 | 0.0 | 295 | 25.37 | 519 | 1.2 |
| 28/01/05 | 10:00 | 24.4 | 24.9 | 24.1 | 89 | 22.5 | 14.5 | ENE | 14.48 | 27.4 | ENE | 24.4 | 26.4 | 24.8 | 757.6 | 0.0 | 0.0 | 334 | 28.73 | 429 | 1.7 |
| 28/01/05 | 11:00 | 24.7 | 25.5 | 24.1 | 87 | 22.4 | 12.9 | ENE | 12.87 | 22.5 | E | 24.7 | 26.6 | 25.2 | 757.3 | 0.0 | 0.0 | 383 | 32.94 | 598 | 2.1 |
| 28/01/05 | 12:00 | 25.8 | 26.7 | 25.3 | 81 | 22.3 | 9.7 | E | 9.66 | 20.9 | E | 25.8 | 27.9 | 27.2 | 757.0 | 0.0 | 0.0 | 271 | 23.31 | 556 | 0.6 |
| 28/01/05 | 13:00 | 26.8 | 27.4 | 26.2 | 86 | 24.3 | 11.3 | NE | 11.27 | 19.3 | NNE | 26.8 | 30.3 | 29.5 | 756.1 | 0.0 | 0.0 | 353 | 30.36 | 734 | 2.2 |
| 28/01/05 | 14:00 | 26.5 | 27.1 | 25.9 | 86 | 24.0 | 11.3 | E | 11.27 | 20.9 | NE | 26.5 | 29.6 | 28.8 | 755.1 | 0.0 | 0.0 | 643 | 55.31 | 973 | 2.7 |
| 28/01/05 | 15:00 | 26.3 | 26.6 | 25.9 | 83 | 23.2 | 6.4 | E | 6.44 | 12.9 | ESE | 26.3 | 28.8 | 28.8 | 754.5 | 0.0 | 0.0 | 358 | 30.79 | 614 | 1.1 |
| 28/01/05 | 16:00 | 26.6 | 26.9 | 25.9 | 85 | 23.8 | 6.4 | E | 6.44 | 16.1 | ENE | 26.6 | 29.6 | 29.6 | 754.2 | 0.0 | 0.0 | 238 | 20.47 | 450 | 0.9 |
| 28/01/05 | 17:00 | 25.9 | 26.2 | 25.8 | 81 | 22.4 | 6.4 | NE | 6.44 | 14.5 | ENE | 25.9 | 28.1 | 28.1 | 754.2 | 0.0 | 0.0 | 92 | 7.91 | 137 | 0.3 |
| 28/01/05 | 18:00 | 25.7 | 26.2 | 25.3 | 91 | 24.1 | 3.2 | NE | 3.22 | 9.7 | N | 25.7 | 28.6 | 28.6 | 754.5 | 0.4 | 2.0 | 47 | 4.04 | 97 | 0.0 |
| 28/01/05 | 19:00 | 25.4 | 25.7 | 25.3 | 91 | 23.9 | 0.0 | NE | 0.00 | 4.8 | NE | 25.4 | 28.0 | 28.0 | 754.8 | 0.0 | 0.0 | 3 | 0.26 | 25 | 0.0 |
| 28/01/05 | 20:00 | 25.7 | 25.8 | 25.6 | 94 | 24.7 | 0.0 | --- | 0.00 | 0.0 | --- | 25.7 | 28.8 | 28.8 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 21:00 | 24.9 | 25.6 | 24.1 | 100 | 24.9 | 0.0 | --- | 0.00 | 0.0 | --- | 24.9 | 27.9 | 27.9 | 755.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 22:00 | 24.3 | 24.9 | 23.9 | 98 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.5 | 26.5 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 28/01/05 | 23:00 | 25.4 | 25.6 | 24.9 | 92 | 24.0 | 4.8 | E | 4.83 | 17.7 | E | 25.4 | 28.0 | 28.0 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 00:00 | 25.1 | 25.5 | 24.2 | 98 | 24.8 | 6.4 | ENE | 6.44 | 17.7 | ENE | 25.1 | 28.0 | 28.0 | 755.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 29/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 29/01/05 | 1:00 | 23.9 | 24.2 | 23.7 | 100 | 23.9 | 3.2 | NE | 3.22 | 9.7 | NE | 23.9 | 26.0 | 26.0 | 755.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 2:00 | 24.2 | 24.5 | 23.7 | 99 | 24.1 | 8.0 | ENE | 8.05 | 19.3 | ENE | 24.2 | 26.4 | 26.0 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 3:00 | 23.9 | 24.3 | 23.4 | 100 | 23.9 | 8.0 | NE | 8.05 | 17.7 | NE | 23.9 | 26.0 | 25.5 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 4:00 | 22.9 | 23.4 | 22.7 | 100 | 22.9 | 3.2 | NE | 3.22 | 12.9 | NE | 22.9 | 24.9 | 24.9 | 754.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 5:00 | 23.2 | 23.6 | 22.7 | 97 | 22.7 | 8.0 | ENE | 8.05 | 20.9 | E | 23.2 | 24.9 | 24.4 | 754.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 6:00 | 23.6 | 23.8 | 23.4 | 97 | 23.1 | 12.9 | ENE | 12.87 | 27.4 | E | 23.6 | 25.5 | 24.0 | 755.1 | 0.0 | 0.0 | 33 | 2.84 | 135 | 0.0 |
| 29/01/05 | 7:00 | 24.1 | 24.7 | 23.7 | 94 | 23.0 | 11.3 | NE | 11.27 | 27.4 | NE | 24.1 | 26.1 | 24.9 | 755.5 | 0.0 | 0.0 | 113 | 9.72 | 211 | 0.3 |
| 29/01/05 | 8:00 | 24.8 | 25.5 | 24.3 | 87 | 22.5 | 16.1 | ENE | 16.09 | 27.4 | ENE | 24.8 | 26.8 | 25.0 | 755.8 | 0.0 | 0.0 | 251 | 21.59 | 589 | 0.9 |
| 29/01/05 | 9:00 | 25.7 | 26.3 | 25.3 | 89 | 23.8 | 14.5 | ENE | 14.48 | 25.7 | E | 25.7 | 28.4 | 27.0 | 755.7 | 0.0 | 0.0 | 388 | 33.37 | 584 | 1.6 |
| 29/01/05 | 10:00 | 26.3 | 26.9 | 25.8 | 86 | 23.7 | 12.9 | ENE | 12.87 | 22.5 | ENE | 26.3 | 29.2 | 28.1 | 755.5 | 0.0 | 0.0 | 450 | 38.71 | 669 | 2.3 |
| 29/01/05 | 11:00 | 26.9 | 27.8 | 26.4 | 81 | 23.4 | 11.3 | ENE | 11.27 | 20.9 | E | 26.9 | 30.0 | 29.2 | 755.0 | 0.0 | 0.0 | 355 | 30.53 | 978 | 1.3 |
| 29/01/05 | 12:00 | 27.6 | 28.3 | 27.3 | 83 | 24.5 | 14.5 | E | 14.48 | 25.7 | E | 27.6 | 31.7 | 30.6 | 754.7 | 0.0 | 0.0 | 517 | 44.47 | 982 | 1.9 |
| 29/01/05 | 13:00 | 28.4 | 28.9 | 27.9 | 81 | 24.8 | 12.9 | E | 12.87 | 22.5 | E | 28.4 | 33.4 | 32.5 | 754.2 | 0.0 | 0.0 | 627 | 53.93 | 994 | 2.9 |
| 29/01/05 | 14:00 | 28.2 | 28.9 | 27.8 | 80 | 24.4 | 12.9 | E | 12.87 | 22.5 | E | 28.2 | 32.7 | 31.8 | 753.3 | 0.0 | 0.0 | 379 | 32.60 | 971 | 2.5 |
| 29/01/05 | 15:00 | 28.7 | 29.3 | 28.2 | 79 | 24.7 | 11.3 | E | 11.27 | 22.5 | E | 28.7 | 34.0 | 33.4 | 752.5 | 0.0 | 0.0 | 461 | 39.65 | 915 | 1.0 |
| 29/01/05 | 16:00 | 29.0 | 29.4 | 28.6 | 81 | 25.4 | 9.7 | E | 9.66 | 20.9 | E | 29.0 | 35.1 | 34.7 | 752.2 | 0.0 | 0.0 | 104 | 8.95 | 190 | 0.7 |
| 29/01/05 | 17:00 | 28.8 | 29.1 | 28.4 | 78 | 24.6 | 9.7 | E | 9.66 | 17.7 | ESE | 28.8 | 34.1 | 33.6 | 751.9 | 0.0 | 0.0 | 123 | 10.58 | 350 | 0.4 |
| 29/01/05 | 18:00 | 28.0 | 28.4 | 27.6 | 79 | 24.0 | 8.0 | E | 8.05 | 16.1 | E | 28.0 | 32.0 | 31.7 | 752.2 | 0.0 | 0.0 | 44 | 3.78 | 51 | 0.0 |
| 29/01/05 | 19:00 | 27.1 | 27.4 | 26.7 | 84 | 24.2 | 8.0 | E | 8.05 | 16.1 | E | 27.1 | 30.7 | 30.4 | 752.5 | 0.0 | 0.0 | 7 | 0.60 | 25 | 0.0 |
| 29/01/05 | 20:00 | 26.5 | 26.8 | 26.0 | 87 | 24.2 | 8.0 | ENE | 8.05 | 16.1 | ENE | 26.5 | 29.7 | 29.4 | 753.0 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 21:00 | 25.8 | 26.2 | 25.1 | 86 | 23.3 | 6.4 | ENE | 6.44 | 16.1 | NE | 25.8 | 28.3 | 28.3 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 22:00 | 25.4 | 25.8 | 25.1 | 89 | 23.4 | 9.7 | ENE | 9.66 | 19.3 | NE | 25.4 | 27.7 | 27.0 | 754.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 29/01/05 | 23:00 | 26.1 | 26.3 | 25.8 | 90 | 24.3 | 9.7 | ENE | 9.66 | 20.9 | E | 26.1 | 29.2 | 28.6 | 753.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 00:00 | 26.1 | 26.3 | 25.7 | 95 | 25.2 | 8.0 | E | 8.05 | 17.7 | E | 26.1 | 29.7 | 29.3 | 753.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 30/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 30/01/05 | 1:00 | 25.1 | 25.8 | 24.5 | 97 | 24.5 | 8.0 | NE | 8.05 | 16.1 | NNE | 25.1 | 27.8 | 27.4 | 753.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 2:00 | 24.0 | 24.5 | 23.6 | 98 | 23.7 | 6.4 | NE | 6.44 | 14.5 | NE | 24.0 | 26.1 | 26.1 | 753.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 3:00 | 23.1 | 23.6 | 22.8 | 99 | 22.9 | 3.2 | NE | 3.22 | 12.9 | NE | 23.1 | 25.1 | 25.1 | 752.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 4:00 | 22.6 | 22.8 | 22.4 | 100 | 22.6 | 1.6 | NE | 1.61 | 8.0 | NE | 22.6 | 24.6 | 24.6 | 753.1 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 5:00 | 23.2 | 24.1 | 22.8 | 99 | 23.0 | 3.2 | E | 3.22 | 11.3 | NE | 23.2 | 25.1 | 25.1 | 753.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 6:00 | 24.7 | 25.0 | 24.1 | 91 | 23.1 | 9.7 | E | 9.66 | 17.7 | E | 24.7 | 26.7 | 25.9 | 753.6 | 0.0 | 0.0 | 21 | 1.81 | 70 | 0.0 |
| 30/01/05 | 7:00 | 25.2 | 25.6 | 24.9 | 90 | 23.4 | 9.7 | E | 9.66 | 22.5 | SE | 25.2 | 27.3 | 26.6 | 754.1 | 0.0 | 0.0 | 151 | 12.99 | 315 | 0.2 |
| 30/01/05 | 8:00 | 25.8 | 26.6 | 25.2 | 86 | 23.3 | 11.3 | E | 11.27 | 22.5 | E | 25.8 | 28.3 | 27.4 | 754.4 | 0.0 | 0.0 | 332 | 28.56 | 570 | 1.0 |
| 30/01/05 | 9:00 | 26.8 | 27.2 | 26.4 | 86 | 24.2 | 12.9 | ENE | 12.87 | 25.7 | E | 26.8 | 30.2 | 29.1 | 754.7 | 0.0 | 0.0 | 452 | 38.88 | 695 | 1.8 |
| 30/01/05 | 10:00 | 26.6 | 26.8 | 26.4 | 87 | 24.3 | 14.5 | E | 14.48 | 22.5 | E | 26.6 | 29.9 | 28.7 | 754.8 | 0.0 | 0.0 | 297 | 25.55 | 347 | 1.7 |
| 30/01/05 | 11:00 | 27.3 | 27.8 | 26.7 | 82 | 24.0 | 14.5 | E | 14.48 | 25.7 | E | 27.3 | 30.9 | 29.8 | 754.5 | 0.0 | 0.0 | 499 | 42.92 | 709 | 1.8 |
| 30/01/05 | 12:00 | 28.2 | 29.1 | 27.4 | 80 | 24.4 | 11.3 | E | 11.27 | 22.5 | ENE | 28.2 | 32.7 | 32.0 | 754.2 | 0.0 | 0.0 | 540 | 46.45 | 1091 | 1.2 |
| 30/01/05 | 13:00 | 29.2 | 29.5 | 28.8 | 79 | 25.1 | 11.3 | E | 11.27 | 25.7 | ESE | 29.2 | 35.1 | 34.5 | 753.4 | 0.0 | 0.0 | 832 | 71.56 | 1080 | 1.1 |
| 30/01/05 | 14:00 | 29.3 | 30.1 | 28.6 | 78 | 25.1 | 12.9 | ENE | 12.87 | 22.5 | ENE | 29.3 | 35.2 | 34.5 | 753.2 | 0.0 | 0.0 | 508 | 43.69 | 883 | 1.0 |
| 30/01/05 | 15:00 | 28.7 | 29.3 | 28.1 | 77 | 24.3 | 11.3 | ENE | 11.27 | 29.0 | E | 28.7 | 33.7 | 33.0 | 752.3 | 0.0 | 0.0 | 398 | 34.23 | 765 | 1.2 |
| 30/01/05 | 16:00 | 28.9 | 29.3 | 28.7 | 77 | 24.5 | 9.7 | E | 9.66 | 19.3 | E | 28.9 | 34.2 | 33.8 | 752.4 | 0.0 | 0.0 | 301 | 25.89 | 558 | 0.9 |
| 30/01/05 | 17:00 | 29.1 | 29.3 | 28.9 | 75 | 24.2 | 8.0 | E | 8.05 | 17.7 | E | 29.1 | 34.2 | 33.9 | 752.0 | 0.0 | 0.0 | 276 | 23.74 | 412 | 0.6 |
| 30/01/05 | 18:00 | 28.0 | 28.9 | 27.3 | 82 | 24.6 | 8.0 | E | 8.05 | 16.1 | SE | 28.0 | 32.5 | 32.2 | 752.8 | 0.0 | 0.0 | 49 | 4.21 | 202 | 0.1 |
| 30/01/05 | 19:00 | 27.1 | 27.3 | 26.7 | 84 | 24.2 | 4.8 | E | 4.83 | 12.9 | ENE | 27.1 | 30.7 | 30.7 | 753.4 | 0.0 | 0.0 | 2 | 0.17 | 9 | 0.0 |
| 30/01/05 | 20:00 | 27.1 | 27.2 | 26.8 | 87 | 24.7 | 3.2 | ESE | 3.22 | 11.3 | E | 27.1 | 30.9 | 30.9 | 753.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 21:00 | 26.8 | 26.8 | 26.6 | 84 | 23.8 | 6.4 | ESE | 6.44 | 16.1 | E | 26.8 | 30.0 | 30.0 | 754.5 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 22:00 | 26.4 | 26.6 | 26.2 | 85 | 23.7 | 6.4 | E | 6.44 | 16.1 | ESE | 26.4 | 29.3 | 29.3 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 30/01/05 | 23:00 | 26.3 | 26.4 | 26.0 | 90 | 24.6 | 6.4 | E | 6.44 | 12.9 | E | 26.3 | 29.7 | 29.7 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 00:00 | 25.3 | 26.0 | 24.5 | 97 | 24.8 | 1.6 | E | 1.61 | 9.7 | E | 25.3 | 28.3 | 28.3 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 31/01/05

| 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 |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-------------|
| 31/01/05 | 1:00 | 24.6 | 24.8 | 24.5 | 98 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.6 | 27.1 | 27.1 | 754.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 2:00 | 24.3 | 24.5 | 24.1 | 100 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.6 | 26.6 | 754.7 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 3:00 | 23.9 | 24.1 | 23.7 | 100 | 23.9 | 0.0 | --- | 0.00 | 0.0 | --- | 23.9 | 25.9 | 25.9 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 4:00 | 23.8 | 23.9 | 23.6 | 100 | 23.8 | 0.0 | --- | 0.00 | 0.0 | --- | 23.8 | 25.8 | 25.8 | 754.9 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 5:00 | 24.9 | 25.6 | 23.7 | 89 | 23.0 | 6.4 | ESE | 6.44 | 22.5 | ESE | 24.9 | 26.9 | 26.9 | 755.4 | 0.2 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 6:00 | 25.1 | 25.4 | 24.9 | 88 | 23.0 | 14.5 | E | 14.48 | 30.6 | E | 25.1 | 27.2 | 25.7 | 755.9 | 0.0 | 0.0 | 22 | 1.89 | 69 | 0.0 |
| 31/01/05 | 7:00 | 25.2 | 25.4 | 25.0 | 82 | 21.9 | 11.3 | E | 11.27 | 22.5 | E | 25.2 | 27.2 | 26.2 | 756.0 | 0.0 | 0.0 | 132 | 11.35 | 239 | 0.2 |
| 31/01/05 | 8:00 | 26.1 | 26.7 | 25.2 | 77 | 21.7 | 9.7 | E | 9.66 | 20.9 | E | 26.1 | 27.8 | 27.2 | 756.1 | 0.0 | 0.0 | 398 | 34.23 | 604 | 1.0 |
| 31/01/05 | 9:00 | 26.6 | 26.9 | 26.2 | 75 | 21.8 | 14.5 | E | 14.48 | 29.0 | E | 26.6 | 28.6 | 27.3 | 756.3 | 0.0 | 0.0 | 557 | 47.91 | 639 | 1.7 |
| 31/01/05 | 10:00 | 27.1 | 27.3 | 26.7 | 75 | 22.2 | 14.5 | E | 14.48 | 25.7 | E | 27.1 | 29.6 | 28.4 | 756.3 | 0.0 | 0.0 | 600 | 51.61 | 674 | 1.4 |
| 31/01/05 | 11:00 | 27.3 | 27.7 | 27.1 | 73 | 22.0 | 12.9 | E | 12.87 | 22.5 | E | 27.3 | 29.8 | 28.9 | 756.2 | 0.0 | 0.0 | 502 | 43.18 | 625 | 0.2 |
| 31/01/05 | 12:00 | 27.2 | 27.6 | 26.8 | 75 | 22.4 | 11.3 | E | 11.27 | 19.3 | E | 27.2 | 29.9 | 29.2 | 755.8 | 0.0 | 0.0 | 390 | 33.54 | 743 | 0.2 |
| 31/01/05 | 13:00 | 28.1 | 28.8 | 27.3 | 73 | 22.8 | 9.7 | E | 9.66 | 19.3 | E | 28.1 | 31.6 | 31.0 | 755.1 | 0.0 | 0.0 | 690 | 59.35 | 1167 | 0.7 |
| 31/01/05 | 14:00 | 28.9 | 29.4 | 28.6 | 72 | 23.4 | 8.0 | ESE | 8.05 | 16.1 | E | 28.9 | 33.3 | 33.0 | 754.5 | 0.0 | 0.0 | 755 | 64.94 | 855 | 2.6 |
| 31/01/05 | 15:00 | 29.6 | 29.8 | 29.3 | 72 | 24.0 | 6.4 | ESE | 6.44 | 11.3 | ESE | 29.6 | 34.5 | 34.5 | 753.7 | 0.0 | 0.0 | 631 | 54.27 | 697 | 2.7 |
| 31/01/05 | 16:00 | 30.3 | 31.4 | 29.7 | 64 | 22.8 | 3.2 | ESE | 3.22 | 11.3 | ESE | 30.3 | 34.4 | 34.4 | 753.1 | 0.0 | 0.0 | 469 | 40.34 | 560 | 1.5 |
| 31/01/05 | 17:00 | 30.8 | 31.4 | 30.3 | 71 | 24.9 | 1.6 | SE | 1.61 | 8.0 | SE | 30.8 | 36.9 | 36.9 | 753.0 | 0.0 | 0.0 | 291 | 25.03 | 368 | 0.7 |
| 31/01/05 | 18:00 | 30.4 | 30.9 | 29.3 | 79 | 26.4 | 0.0 | S | 0.00 | 4.8 | S | 30.4 | 38.1 | 38.1 | 753.2 | 0.0 | 0.0 | 72 | 6.19 | 202 | 0.1 |
| 31/01/05 | 19:00 | 28.0 | 29.3 | 27.4 | 83 | 24.8 | 0.0 | S | 0.00 | 1.6 | S | 28.0 | 32.7 | 32.7 | 753.9 | 0.0 | 0.0 | 3 | 0.26 | 12 | 0.0 |
| 31/01/05 | 20:00 | 26.9 | 27.8 | 25.4 | 94 | 25.8 | 0.0 | --- | 0.00 | 0.0 | --- | 26.9 | 31.6 | 31.6 | 754.8 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 21:00 | 25.5 | 25.8 | 25.3 | 92 | 24.1 | 0.0 | --- | 0.00 | 0.0 | --- | 25.5 | 28.2 | 28.2 | 755.2 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 22:00 | 25.5 | 26.1 | 24.7 | 97 | 25.0 | 0.0 | --- | 0.00 | 0.0 | --- | 25.5 | 28.7 | 28.7 | 755.3 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 31/01/05 | 23:00 | 24.3 | 24.7 | 24.1 | 100 | 24.3 | 0.0 | --- | 0.00 | 0.0 | --- | 24.3 | 26.6 | 26.6 | 755.6 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |
| 1/02/05 | 00:00 | 23.7 | 24.1 | 23.4 | 100 | 23.7 | 0.0 | --- | 0.00 | 0.0 | --- | 23.7 | 25.7 | 25.7 | 755.4 | 0.0 | 0.0 | 0 | 0.00 | 0 | 0.0 |

Ivinhema 1/01/05

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 1/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.169 | 24.4 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.141 | 23.7 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.130 | 23.2 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.109 | 22.7 | 56 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 1/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.109 | 22.4 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 6:00 | 0.00 | 0.3 | 0.000 | 0.134 | 23.0 | 56 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 7:00 | 0.17 | 0.7 | 0.000 | 0.287 | 27.4 | 56 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 8:00 | 0.43 | 1.4 | 0.000 | 0.419 | 32.2 | 54 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 9:00 | 0.73 | 2.4 | 0.000 | 0.488 | 35.2 | 53 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 10:00 | 1.24 | 3.4 | 0.000 | 0.549 | 36.9 | 52 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 11:00 | 1.50 | 4.0 | 0.000 | 0.597 | 37.8 | 49 | 0.53 | 1330 | 1 | 97.2 | 60 |
| 1/01/05 | 12:00 | 1.50 | 4.2 | 0.000 | 0.630 | 38.9 | 45 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 13:00 | 1.41 | 4.2 | 0.000 | 0.667 | 40.7 | 44 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 14:00 | 1.07 | 3.5 | 0.000 | 0.683 | 41.3 | 44 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 15:00 | 0.99 | 2.8 | 0.000 | 0.701 | 42.0 | 45 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 16:00 | 0.51 | 1.7 | 0.000 | 0.706 | 42.2 | 46 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 17:00 | 0.00 | 0.6 | 0.000 | 0.553 | 38.3 | 49 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 18:00 | 0.00 | 0.3 | 0.000 | 0.493 | 34.5 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.435 | 31.8 | 52 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.319 | 29.2 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.278 | 27.6 | 53 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.315 | 27.0 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 1/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.313 | 27.1 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.275 | 26.6 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 2/01/05

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 2/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.243 | 25.7 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.171 | 24.7 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.153 | 23.8 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.150 | 23.4 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.208 | 23.9 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 6:00 | 0.00 | 0.3 | 0.000 | 0.271 | 25.6 | 56 | 0.05 | 1331 | 1 | 97.3 | 60 |
| 2/01/05 | 7:00 | 0.17 | 0.6 | 0.000 | 0.326 | 28.8 | 54 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 8:00 | 0.43 | 1.3 | 0.000 | 0.375 | 31.6 | 53 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 9:00 | 0.77 | 2.3 | 0.000 | 0.414 | 33.1 | 51 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 10:00 | 1.24 | 3.4 | 0.000 | 0.461 | 34.7 | 50 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 11:00 | 1.63 | 4.1 | 0.000 | 0.500 | 35.7 | 47 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 12:00 | 1.71 | 4.3 | 0.000 | 0.542 | 37.1 | 44 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 13:00 | 1.59 | 4.3 | 0.000 | 0.563 | 38.7 | 42 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 14:00 | 0.99 | 3.7 | 0.000 | 0.519 | 38.5 | 44 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 15:00 | 0.30 | 1.2 | 0.000 | 0.387 | 33.7 | 50 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 16:00 | 0.13 | 0.4 | 0.000 | 0.345 | 30.7 | 52 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 17:00 | 0.00 | 0.0 | 0.000 | 0.296 | 29.0 | 53 | 0.05 | 1369 | 1 | 100.0 | 60 |
| 2/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.257 | 27.6 | 53 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.250 | 26.8 | 54 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.218 | 26.2 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.206 | 25.3 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.174 | 24.8 | 58 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 2/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.167 | 24.1 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.190 | 24.3 | 60 | 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 3/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.155 | 24.0 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.153 | 23.8 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.176 | 23.9 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.187 | 24.1 | 63 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 3/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.183 | 24.1 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.176 | 23.8 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 7:00 | 0.09 | 0.3 | 0.000 | 0.187 | 24.4 | 62 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 8:00 | 0.17 | 0.5 | 0.000 | 0.183 | 25.0 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 9:00 | 0.17 | 0.7 | 0.000 | 0.187 | 25.0 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 10:00 | 0.43 | 1.8 | 0.000 | 0.227 | 26.2 | 55 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 11:00 | 0.64 | 2.0 | 0.000 | 0.266 | 28.6 | 54 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 12:00 | 0.64 | 2.6 | 0.000 | 0.308 | 29.9 | 54 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 13:00 | 0.86 | 3.7 | 0.000 | 0.326 | 30.2 | 49 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 14:00 | 0.86 | 4.0 | 0.000 | 0.363 | 33.1 | 53 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 15:00 | 0.47 | 1.7 | 0.000 | 0.319 | 30.7 | 57 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 16:00 | 0.21 | 0.7 | 0.000 | 0.313 | 29.2 | 60 | 0.08 | 1330 | 1 | 97.2 | 60 |
| 3/01/05 | 17:00 | 0.00 | 0.3 | 0.000 | 0.280 | 27.9 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.252 | 26.6 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.241 | 26.2 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.204 | 25.6 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.206 | 25.1 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.206 | 25.0 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 3/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.213 | 24.9 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.201 | 24.8 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 4/01/05

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 4/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.183 | 24.3 | 69 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 4/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.178 | 24.1 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.181 | 23.9 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.176 | 23.9 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.162 | 23.6 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.164 | 23.6 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 7:00 | 0.21 | 0.8 | 0.000 | 0.211 | 25.4 | 68 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 8:00 | 0.47 | 1.7 | 0.000 | 0.301 | 29.7 | 63 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 9:00 | 0.47 | 1.6 | 0.000 | 0.324 | 31.4 | 59 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 10:00 | 1.16 | 4.4 | 0.000 | 0.373 | 32.4 | 58 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 11:00 | 1.16 | 4.7 | 0.000 | 0.387 | 34.0 | 54 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 12:00 | 1.67 | 5.7 | 0.000 | 0.428 | 34.7 | 52 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 13:00 | 1.29 | 5.0 | 0.000 | 0.463 | 36.1 | 50 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 14:00 | 1.16 | 4.5 | 0.000 | 0.507 | 37.8 | 51 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 15:00 | 0.69 | 3.1 | 0.000 | 0.475 | 36.4 | 50 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 16:00 | 0.39 | 1.8 | 0.000 | 0.410 | 34.4 | 54 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 17:00 | 0.17 | 0.9 | 0.000 | 0.419 | 33.5 | 59 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.306 | 30.6 | 61 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.229 | 27.9 | 63 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.178 | 25.6 | 64 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 4/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.169 | 24.8 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.153 | 24.2 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 4/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.146 | 23.8 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.144 | 23.7 | 66 | 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 5/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.139 | 23.5 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.125 | 23.1 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.116 | 22.9 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.090 | 22.2 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.060 | 21.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 6:00 | 0.00 | 0.3 | 0.000 | 0.065 | 21.4 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 7:00 | 0.21 | 0.8 | 0.000 | 0.178 | 25.3 | 67 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 8:00 | 0.39 | 1.7 | 0.000 | 0.262 | 29.2 | 61 | 0.20 | 1369 | 1 | 100.0 | 60 |
| 5/01/05 | 9:00 | 0.77 | 2.8 | 0.000 | 0.340 | 32.9 | 57 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 10:00 | 1.24 | 4.1 | 0.000 | 0.398 | 34.9 | 58 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 11:00 | 1.37 | 4.8 | 0.000 | 0.428 | 35.7 | 57 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 12:00 | 1.54 | 5.2 | 0.000 | 0.458 | 36.3 | 54 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 13:00 | 0.56 | 1.7 | 0.000 | 0.287 | 32.5 | 57 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 14:00 | 0.86 | 3.4 | 0.000 | 0.368 | 32.4 | 52 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 15:00 | 0.34 | 3.2 | 0.000 | 0.301 | 32.9 | 56 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 16:00 | 0.17 | 0.4 | 0.000 | 0.139 | 25.6 | 64 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 17:00 | 0.13 | 0.4 | 0.000 | 0.183 | 25.7 | 64 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.206 | 26.2 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.206 | 25.6 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.171 | 24.6 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.181 | 24.2 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.139 | 23.6 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 5/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.123 | 22.9 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.118 | 22.8 | 69 | 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 6/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.097 | 22.1 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.097 | 21.9 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.120 | 22.2 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.118 | 22.5 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.123 | 22.7 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.146 | 23.0 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 7:00 | 0.17 | 0.6 | 0.000 | 0.208 | 24.9 | 66 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 8:00 | 0.43 | 1.8 | 0.000 | 0.275 | 28.3 | 61 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 9:00 | 0.73 | 3.1 | 0.000 | 0.336 | 31.8 | 57 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 10:00 | 0.90 | 4.1 | 0.000 | 0.373 | 33.7 | 57 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 11:00 | 0.94 | 5.1 | 0.000 | 0.398 | 34.0 | 56 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 12:00 | 1.41 | 5.3 | 0.000 | 0.451 | 36.2 | 54 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 13:00 | 1.37 | 5.2 | 0.000 | 0.495 | 37.6 | 54 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 14:00 | 0.56 | 3.1 | 0.000 | 0.310 | 32.1 | 55 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 15:00 | 0.64 | 2.4 | 0.000 | 0.435 | 33.6 | 59 | 0.20 | 1331 | 1 | 97.3 | 60 |
| 6/01/05 | 16:00 | 0.30 | 0.9 | 0.000 | 0.405 | 33.2 | 61 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 17:00 | 0.17 | 0.6 | 0.000 | 0.382 | 31.4 | 64 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 18:00 | 0.04 | 0.3 | 0.000 | 0.368 | 30.6 | 66 | 0.05 | 1330 | 1 | 97.2 | 60 |
| 6/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.296 | 28.4 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.236 | 26.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.206 | 25.3 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.192 | 24.7 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 6/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.164 | 24.2 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.160 | 23.8 | 69 | 0.00 | 1332 | 1 | 97.4 | 60 |

Ivinhema 7/01/05

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 7/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.141 | 23.6 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.123 | 23.1 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.106 | 22.6 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.116 | 22.6 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.109 | 22.2 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 6:00 | 0.00 | 0.3 | 0.000 | 0.160 | 22.9 | 72 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 7:00 | 0.21 | 0.7 | 0.000 | 0.273 | 27.2 | 68 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 8:00 | 0.43 | 1.6 | 0.000 | 0.338 | 30.4 | 65 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 9:00 | 0.90 | 2.9 | 0.000 | 0.394 | 32.7 | 64 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 10:00 | 1.16 | 4.1 | 0.000 | 0.461 | 35.1 | 62 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 11:00 | 1.24 | 4.9 | 0.000 | 0.491 | 36.2 | 59 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 12:00 | 0.81 | 4.2 | 0.000 | 0.313 | 31.9 | 62 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 13:00 | 2.14 | 5.2 | 0.000 | 0.451 | 34.9 | 54 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 14:00 | 1.63 | 4.6 | 0.000 | 0.523 | 37.9 | 56 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 15:00 | 0.69 | 3.1 | 0.000 | 0.544 | 38.0 | 58 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 16:00 | 0.43 | 1.8 | 0.000 | 0.484 | 36.2 | 58 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 17:00 | 0.26 | 1.0 | 0.000 | 0.551 | 37.6 | 56 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 18:00 | 0.04 | 0.3 | 0.000 | 0.463 | 35.5 | 63 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.380 | 31.6 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.310 | 29.0 | 66 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 7/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.271 | 27.5 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.236 | 26.4 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 7/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.238 | 25.9 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.236 | 25.8 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 8/01/05

| 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. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 8/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.211 | 25.3 | 67 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 8/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.185 | 24.6 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.185 | 24.3 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.243 | 25.1 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.250 | 25.7 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 6:00 | 0.00 | 0.3 | 0.000 | 0.187 | 24.9 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 7:00 | 0.21 | 0.7 | 0.000 | 0.280 | 27.8 | 68 | 0.13 | 1308 | 1 | 95.6 | 60 |
| 8/01/05 | 8:00 | 0.51 | 1.6 | 0.000 | 0.400 | 32.1 | 66 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 9:00 | 0.94 | 2.9 | 0.000 | 0.488 | 34.9 | 66 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 10:00 | 1.41 | 4.0 | 0.000 | 0.546 | 36.4 | 64 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 11:00 | 1.54 | 5.1 | 0.000 | 0.579 | 37.4 | 58 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 12:00 | 1.89 | 5.5 | 0.000 | 0.618 | 38.8 | 55 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 13:00 | 2.01 | 5.3 | 0.000 | 0.657 | 40.4 | 53 | 0.66 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 14:00 | 1.54 | 4.6 | 0.000 | 0.667 | 40.8 | 54 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 15:00 | 1.16 | 3.5 | 0.000 | 0.687 | 41.3 | 54 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 16:00 | 0.69 | 2.2 | 0.000 | 0.690 | 41.7 | 54 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 17:00 | 0.26 | 1.1 | 0.000 | 0.667 | 40.6 | 54 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.600 | 37.1 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.528 | 34.1 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.421 | 31.4 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.356 | 29.9 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.306 | 28.5 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 8/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.287 | 27.7 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.306 | 27.5 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 9/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 9/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.287 | 27.7 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.266 | 26.9 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.289 | 27.0 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.273 | 27.0 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.3 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.266 | 26.2 | 66 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 7:00 | 0.00 | 0.3 | 0.000 | 0.289 | 27.1 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 8:00 | 0.09 | 0.3 | 0.000 | 0.285 | 27.3 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 9:00 | 0.17 | 0.6 | 0.000 | 0.273 | 26.9 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 10:00 | 0.39 | 1.3 | 0.000 | 0.294 | 27.8 | 61 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 11:00 | 0.77 | 3.4 | 0.000 | 0.338 | 30.1 | 55 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 12:00 | 1.63 | 4.9 | 0.000 | 0.426 | 34.5 | 50 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 13:00 | 0.86 | 4.6 | 0.000 | 0.481 | 36.4 | 56 | 0.23 | 1369 | 1 | 100.0 | 60 |
| 9/01/05 | 14:00 | 0.39 | 1.3 | 0.000 | 0.456 | 35.0 | 55 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 15:00 | 0.60 | 1.5 | 0.000 | 0.398 | 32.9 | 56 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 16:00 | 0.34 | 1.2 | 0.000 | 0.396 | 33.4 | 58 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 17:00 | 0.17 | 0.5 | 0.000 | 0.356 | 31.2 | 61 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 18:00 | 0.00 | 0.3 | 0.000 | 0.333 | 29.7 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.285 | 28.0 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.245 | 26.8 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.225 | 25.9 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.218 | 25.5 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 9/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.213 | 25.3 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.222 | 25.2 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 10/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 10/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.204 | 25.0 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.183 | 24.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.183 | 24.3 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.185 | 24.3 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.185 | 24.2 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.190 | 24.2 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 7:00 | 0.13 | 0.6 | 0.000 | 0.229 | 25.3 | 65 | 0.05 | 1307 | 1 | 95.5 | 60 |
| 10/01/05 | 8:00 | 0.39 | 1.4 | 0.000 | 0.296 | 28.6 | 58 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 9:00 | 0.64 | 1.9 | 0.000 | 0.352 | 32.0 | 56 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 10:00 | 1.03 | 3.1 | 0.000 | 0.380 | 33.9 | 55 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 11:00 | 0.90 | 3.8 | 0.000 | 0.350 | 33.5 | 56 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 12:00 | 0.86 | 2.3 | 0.000 | 0.377 | 33.8 | 54 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 13:00 | 1.29 | 4.2 | 0.000 | 0.433 | 35.7 | 52 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 14:00 | 0.51 | 1.5 | 0.000 | 0.313 | 33.2 | 56 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 15:00 | 0.39 | 1.2 | 0.000 | 0.299 | 30.3 | 58 | 0.10 | 1330 | 1 | 97.2 | 60 |
| 10/01/05 | 16:00 | 0.34 | 0.9 | 0.000 | 0.324 | 30.1 | 57 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 17:00 | 0.21 | 0.8 | 0.000 | 0.370 | 31.3 | 61 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 18:00 | 0.00 | 0.3 | 0.000 | 0.313 | 29.4 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.282 | 27.5 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.287 | 26.9 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.229 | 26.2 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.213 | 25.3 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 10/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.218 | 25.2 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.229 | 25.4 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 11/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 11/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.222 | 25.2 | 69 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 11/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.204 | 24.9 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.197 | 24.7 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.199 | 24.6 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.220 | 24.8 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.243 | 25.3 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 7:00 | 0.17 | 0.7 | 0.000 | 0.266 | 26.6 | 69 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 8:00 | 0.43 | 1.4 | 0.000 | 0.336 | 30.3 | 63 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 9:00 | 0.86 | 3.0 | 0.000 | 0.400 | 34.4 | 60 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 10:00 | 1.03 | 3.9 | 0.000 | 0.449 | 35.7 | 60 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 11:00 | 1.24 | 4.7 | 0.000 | 0.481 | 36.6 | 58 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 12:00 | 1.24 | 5.3 | 0.000 | 0.472 | 36.8 | 56 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 13:00 | 1.07 | 3.6 | 0.000 | 0.431 | 34.8 | 54 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 14:00 | 1.54 | 4.3 | 0.000 | 0.572 | 38.4 | 53 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 15:00 | 0.81 | 2.9 | 0.000 | 0.583 | 39.4 | 56 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 16:00 | 0.43 | 1.6 | 0.000 | 0.609 | 39.0 | 55 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 17:00 | 0.21 | 1.1 | 0.000 | 0.586 | 38.8 | 58 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.516 | 35.7 | 63 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.458 | 32.4 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.414 | 30.8 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.310 | 28.7 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.289 | 27.0 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 11/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.282 | 27.1 | 67 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 12/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.278 | 26.9 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 12/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 12/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.215 | 26.1 | 67 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 12/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.197 | 25.0 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.206 | 24.8 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.262 | 25.8 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.264 | 26.3 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.262 | 26.4 | 70 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 7:00 | 0.13 | 0.5 | 0.000 | 0.287 | 27.3 | 67 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 8:00 | 0.26 | 1.0 | 0.000 | 0.306 | 29.1 | 62 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 9:00 | 0.77 | 2.6 | 0.000 | 0.345 | 31.6 | 59 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 10:00 | 1.07 | 3.5 | 0.000 | 0.410 | 34.3 | 56 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 11:00 | 1.37 | 5.2 | 0.000 | 0.440 | 35.9 | 55 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 12:00 | 1.41 | 5.1 | 0.000 | 0.456 | 36.8 | 52 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 13:00 | 1.54 | 5.0 | 0.000 | 0.500 | 38.7 | 52 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 14:00 | 0.34 | 1.8 | 0.000 | 0.370 | 34.3 | 60 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 15:00 | 0.47 | 1.3 | 0.000 | 0.377 | 31.7 | 58 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 16:00 | 0.34 | 1.2 | 0.000 | 0.431 | 33.4 | 60 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 17:00 | 0.17 | 0.6 | 0.000 | 0.440 | 33.6 | 62 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 18:00 | 0.00 | 0.3 | 0.000 | 0.359 | 31.1 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.301 | 28.0 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.317 | 27.8 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.287 | 27.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.266 | 26.6 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 12/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.250 | 26.1 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.245 | 25.9 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 13/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 13/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.262 | 26.2 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.227 | 25.7 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.213 | 25.1 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.241 | 25.1 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.248 | 25.2 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 6:00 | 0.00 | 0.3 | 0.000 | 0.241 | 25.4 | 72 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 7:00 | 0.17 | 0.7 | 0.000 | 0.262 | 27.6 | 71 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 8:00 | 0.47 | 1.5 | 0.000 | 0.308 | 29.8 | 69 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 9:00 | 0.90 | 2.7 | 0.000 | 0.350 | 31.7 | 68 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 10:00 | 1.41 | 3.8 | 0.000 | 0.398 | 32.6 | 66 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 11:00 | 1.33 | 4.5 | 0.000 | 0.444 | 33.8 | 65 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 12:00 | 0.99 | 4.7 | 0.000 | 0.486 | 35.1 | 57 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 13:00 | 0.34 | 4.6 | 0.000 | 0.521 | 37.1 | 54 | 0.61 | 1369 | 1 | 100.0 | 60 |
| 13/01/05 | 14:00 | 1.24 | 4.2 | 0.000 | 0.556 | 38.7 | 55 | 0.56 | 1330 | 1 | 97.2 | 60 |
| 13/01/05 | 15:00 | 1.03 | 3.2 | 0.000 | 0.572 | 39.4 | 56 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 16:00 | 0.64 | 2.0 | 0.000 | 0.588 | 39.8 | 57 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 17:00 | 0.26 | 1.0 | 0.000 | 0.579 | 39.3 | 59 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 18:00 | 0.09 | 0.4 | 0.000 | 0.558 | 37.2 | 64 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.481 | 33.6 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.373 | 30.2 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.324 | 28.3 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.257 | 26.8 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 13/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.1 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.245 | 25.8 | 67 | 0.00 | 1331 | 1 | 97.3 | 60 |

Ivinhema 14/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 14/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.241 | 25.6 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.208 | 25.1 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.167 | 24.3 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.153 | 23.7 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.146 | 23.5 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.167 | 23.9 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 7:00 | 0.17 | 0.6 | 0.000 | 0.292 | 27.8 | 66 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 8:00 | 0.43 | 1.4 | 0.000 | 0.370 | 31.3 | 65 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 9:00 | 0.81 | 2.5 | 0.000 | 0.414 | 33.1 | 64 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 10:00 | 1.29 | 3.6 | 0.000 | 0.447 | 33.9 | 64 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 11:00 | 1.67 | 4.4 | 0.000 | 0.498 | 34.7 | 60 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 12:00 | 1.93 | 4.5 | 0.000 | 0.521 | 36.1 | 56 | 0.66 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 13:00 | 1.37 | 4.5 | 0.000 | 0.569 | 37.8 | 51 | 0.63 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 14:00 | 1.46 | 4.1 | 0.000 | 0.576 | 39.1 | 52 | 0.56 | 1331 | 1 | 97.3 | 60 |
| 14/01/05 | 15:00 | 1.07 | 3.1 | 0.000 | 0.586 | 39.4 | 53 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 16:00 | 0.60 | 1.9 | 0.000 | 0.588 | 39.6 | 53 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 17:00 | 0.26 | 1.0 | 0.000 | 0.588 | 39.1 | 56 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.539 | 36.6 | 59 | 0.08 | 1369 | 1 | 100.0 | 60 |
| 14/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.484 | 33.4 | 60 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.426 | 30.4 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.384 | 29.3 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.377 | 29.0 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 14/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.373 | 28.9 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.292 | 28.2 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 15/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 15/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.208 | 25.9 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.252 | 25.4 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.313 | 26.7 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.299 | 27.2 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.250 | 26.7 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.243 | 26.3 | 65 | 0.03 | 1330 | 1 | 97.2 | 60 |
| 15/01/05 | 7:00 | 0.09 | 0.7 | 0.000 | 0.294 | 27.8 | 63 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 8:00 | 0.47 | 1.5 | 0.000 | 0.398 | 30.9 | 63 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 9:00 | 0.90 | 2.8 | 0.000 | 0.498 | 34.3 | 62 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 10:00 | 1.24 | 4.4 | 0.000 | 0.542 | 36.1 | 56 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 11:00 | 1.76 | 5.3 | 0.000 | 0.583 | 37.8 | 53 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 12:00 | 1.97 | 5.7 | 0.000 | 0.623 | 39.0 | 51 | 0.66 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 13:00 | 1.29 | 5.4 | 0.000 | 0.637 | 39.7 | 50 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 14:00 | 1.67 | 4.6 | 0.000 | 0.674 | 41.0 | 50 | 0.69 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 15:00 | 0.47 | 2.2 | 0.000 | 0.569 | 39.1 | 53 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 16:00 | 0.21 | 0.8 | 0.000 | 0.532 | 35.8 | 58 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 17:00 | 0.13 | 0.3 | 0.000 | 0.481 | 33.7 | 59 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 18:00 | 0.00 | 0.3 | 0.000 | 0.433 | 32.3 | 61 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.377 | 30.3 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.308 | 29.0 | 61 | 0.03 | 1331 | 1 | 97.3 | 60 |
| 15/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.218 | 26.7 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.215 | 25.8 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 15/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.238 | 25.9 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.208 | 25.5 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 16/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 16/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.211 | 25.2 | 67 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 16/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.204 | 25.0 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.201 | 24.8 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.206 | 24.8 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.220 | 25.2 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.199 | 25.2 | 70 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 16/01/05 | 7:00 | 0.09 | 0.4 | 0.000 | 0.178 | 25.0 | 69 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 8:00 | 0.30 | 1.5 | 0.000 | 0.211 | 26.4 | 60 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 9:00 | 0.77 | 3.2 | 0.000 | 0.275 | 30.4 | 56 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 10:00 | 1.20 | 4.5 | 0.000 | 0.345 | 33.3 | 53 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 11:00 | 1.29 | 5.5 | 0.000 | 0.343 | 34.1 | 50 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 12:00 | 1.59 | 6.0 | 0.000 | 0.391 | 35.5 | 48 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 13:00 | 1.41 | 5.3 | 0.000 | 0.433 | 36.4 | 46 | 0.36 | 1331 | 1 | 97.3 | 60 |
| 16/01/05 | 14:00 | 1.29 | 5.0 | 0.000 | 0.442 | 37.4 | 47 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 15:00 | 0.47 | 3.5 | 0.000 | 0.389 | 34.7 | 54 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 16:00 | 0.26 | 0.8 | 0.000 | 0.308 | 30.5 | 55 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 17:00 | 0.17 | 0.6 | 0.000 | 0.299 | 29.3 | 58 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 18:00 | 0.04 | 0.3 | 0.000 | 0.313 | 29.6 | 58 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.271 | 28.2 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.243 | 26.9 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.215 | 26.1 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.187 | 25.2 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 16/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.171 | 24.6 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.174 | 24.4 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 17/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 17/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.194 | 24.9 | 63 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 17/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.201 | 25.1 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.245 | 25.6 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.250 | 25.9 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.0 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.236 | 25.8 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 7:00 | 0.04 | 0.4 | 0.000 | 0.220 | 25.4 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 8:00 | 0.21 | 1.0 | 0.000 | 0.218 | 26.2 | 61 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 9:00 | 0.43 | 1.2 | 0.000 | 0.245 | 28.0 | 57 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 10:00 | 0.56 | 2.6 | 0.000 | 0.264 | 29.3 | 55 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 11:00 | 0.77 | 3.1 | 0.000 | 0.278 | 29.9 | 55 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 12:00 | 1.11 | 4.0 | 0.000 | 0.319 | 32.3 | 54 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 13:00 | 1.11 | 5.7 | 0.000 | 0.310 | 31.7 | 55 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 14:00 | 1.11 | 3.8 | 0.000 | 0.356 | 33.2 | 52 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 15:00 | 0.17 | 4.1 | 0.000 | 0.419 | 35.5 | 53 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 16:00 | 0.13 | 1.4 | 0.000 | 0.419 | 34.9 | 51 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 17:00 | 0.21 | 1.2 | 0.000 | 0.398 | 34.1 | 60 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 18:00 | 0.00 | 0.3 | 0.000 | 0.366 | 30.7 | 63 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.340 | 29.4 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.324 | 28.6 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.306 | 27.9 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.282 | 27.5 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 17/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.259 | 26.9 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.245 | 26.4 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 18/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 18/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.241 | 26.1 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.236 | 25.9 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.225 | 25.7 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.227 | 25.6 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.213 | 25.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.208 | 25.2 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 7:00 | 0.09 | 0.4 | 0.000 | 0.234 | 26.0 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 8:00 | 0.34 | 1.0 | 0.000 | 0.275 | 28.0 | 61 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 9:00 | 0.39 | 1.0 | 0.000 | 0.303 | 29.7 | 60 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 10:00 | 0.73 | 3.2 | 0.000 | 0.336 | 30.9 | 54 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 11:00 | 1.41 | 3.8 | 0.000 | 0.391 | 34.9 | 51 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 12:00 | 1.67 | 6.6 | 0.000 | 0.428 | 36.6 | 49 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 13:00 | 1.37 | 6.5 | 0.000 | 0.463 | 38.6 | 49 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 14:00 | 0.17 | 2.2 | 0.000 | 0.426 | 37.2 | 52 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 15:00 | 0.60 | 2.4 | 0.000 | 0.375 | 34.3 | 58 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 16:00 | 0.00 | 0.3 | 0.000 | 0.294 | 29.7 | 63 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 17:00 | 0.00 | 0.0 | 0.000 | 0.269 | 27.4 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.264 | 27.0 | 65 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 18/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.5 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.243 | 26.2 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.227 | 25.8 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.227 | 25.7 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 18/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.222 | 25.6 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.211 | 25.3 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 19/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 19/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.199 | 24.9 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.194 | 24.7 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.199 | 24.6 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.204 | 24.6 | 71 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 19/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.199 | 24.6 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.213 | 24.8 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 7:00 | 0.09 | 0.4 | 0.000 | 0.250 | 25.8 | 70 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 8:00 | 0.17 | 0.6 | 0.000 | 0.285 | 27.2 | 69 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 9:00 | 0.34 | 1.1 | 0.000 | 0.308 | 28.3 | 64 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 10:00 | 0.69 | 3.2 | 0.000 | 0.350 | 30.9 | 60 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 11:00 | 0.86 | 4.9 | 0.000 | 0.361 | 32.1 | 59 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 12:00 | 0.81 | 4.8 | 0.000 | 0.382 | 32.4 | 62 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 13:00 | 0.69 | 3.3 | 0.000 | 0.377 | 30.9 | 58 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 14:00 | 0.51 | 2.9 | 0.000 | 0.391 | 33.0 | 61 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 15:00 | 0.43 | 1.4 | 0.000 | 0.338 | 30.6 | 61 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 16:00 | 0.34 | 1.1 | 0.000 | 0.338 | 31.0 | 61 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 17:00 | 0.09 | 0.6 | 0.000 | 0.317 | 29.8 | 67 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.292 | 27.9 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.278 | 27.1 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.262 | 26.5 | 71 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.250 | 26.2 | 72 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.241 | 25.8 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 19/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.243 | 25.7 | 73 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.229 | 25.4 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 20/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 20/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.220 | 25.2 | 74 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 20/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.218 | 25.1 | 74 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.215 | 25.0 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.220 | 25.0 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.222 | 24.9 | 75 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.225 | 24.9 | 76 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 7:00 | 0.13 | 0.5 | 0.000 | 0.250 | 25.7 | 73 | 0.05 | 1308 | 1 | 95.6 | 60 |
| 20/01/05 | 8:00 | 0.26 | 1.0 | 0.000 | 0.282 | 27.5 | 69 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 9:00 | 0.69 | 2.6 | 0.000 | 0.336 | 30.6 | 63 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 10:00 | 1.16 | 4.0 | 0.000 | 0.403 | 33.8 | 58 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 11:00 | 1.33 | 5.5 | 0.000 | 0.407 | 34.0 | 57 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 12:00 | 1.84 | 5.7 | 0.000 | 0.493 | 35.8 | 54 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 13:00 | 1.93 | 5.5 | 0.000 | 0.542 | 37.9 | 50 | 0.61 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 14:00 | 1.54 | 4.8 | 0.000 | 0.574 | 38.9 | 48 | 0.56 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 15:00 | 1.11 | 3.5 | 0.000 | 0.595 | 39.6 | 46 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 16:00 | 0.69 | 2.2 | 0.000 | 0.593 | 39.6 | 43 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 17:00 | 0.30 | 1.1 | 0.000 | 0.560 | 38.5 | 43 | 0.36 | 1331 | 1 | 97.3 | 60 |
| 20/01/05 | 18:00 | 0.09 | 0.4 | 0.000 | 0.493 | 35.7 | 49 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.370 | 31.5 | 52 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.275 | 28.1 | 54 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.225 | 26.1 | 55 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.176 | 24.9 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 20/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.197 | 24.3 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.162 | 23.8 | 56 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 21/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 21/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.120 | 22.8 | 57 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.116 | 22.3 | 57 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.106 | 22.1 | 58 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.076 | 21.7 | 58 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.074 | 21.4 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.079 | 21.7 | 59 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 7:00 | 0.17 | 0.7 | 0.000 | 0.183 | 25.7 | 59 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 8:00 | 0.47 | 1.5 | 0.000 | 0.301 | 29.9 | 57 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 9:00 | 0.90 | 2.7 | 0.000 | 0.375 | 33.1 | 56 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 10:00 | 1.46 | 4.0 | 0.000 | 0.421 | 34.5 | 56 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 11:00 | 1.93 | 4.9 | 0.000 | 0.479 | 35.9 | 52 | 0.53 | 1369 | 1 | 100.0 | 60 |
| 21/01/05 | 12:00 | 1.33 | 5.2 | 0.000 | 0.516 | 37.2 | 48 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 13:00 | 1.41 | 5.1 | 0.000 | 0.530 | 37.5 | 49 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 14:00 | 0.73 | 4.3 | 0.000 | 0.563 | 38.3 | 50 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 15:00 | 1.11 | 3.4 | 0.000 | 0.604 | 39.4 | 49 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 16:00 | 0.56 | 2.1 | 0.000 | 0.620 | 40.3 | 50 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 17:00 | 0.30 | 1.1 | 0.000 | 0.623 | 39.7 | 51 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.595 | 37.5 | 56 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.525 | 34.2 | 58 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.410 | 31.1 | 59 | 0.00 | 1367 | 1 | 99.9 | 60 |
| 21/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.375 | 29.6 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.350 | 29.2 | 59 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 21/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.315 | 28.3 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.333 | 28.1 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 22/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 22/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.333 | 28.2 | 60 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 22/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.331 | 28.2 | 60 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.296 | 27.6 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.306 | 27.2 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.308 | 27.5 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.301 | 27.3 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 7:00 | 0.09 | 0.5 | 0.000 | 0.319 | 28.1 | 59 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 8:00 | 0.26 | 0.7 | 0.000 | 0.345 | 29.5 | 58 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 9:00 | 0.34 | 1.3 | 0.000 | 0.366 | 30.8 | 53 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 10:00 | 0.09 | 0.7 | 0.000 | 0.414 | 33.4 | 51 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 11:00 | 0.81 | 3.2 | 0.000 | 0.454 | 35.4 | 50 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 12:00 | 0.56 | 3.9 | 0.000 | 0.472 | 36.8 | 47 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 13:00 | 0.26 | 2.4 | 0.000 | 0.435 | 35.9 | 50 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 14:00 | 1.16 | 4.7 | 0.000 | 0.475 | 36.4 | 50 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 15:00 | 0.43 | 1.6 | 0.000 | 0.486 | 36.2 | 53 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 16:00 | 0.09 | 0.7 | 0.000 | 0.403 | 34.9 | 49 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 17:00 | 0.13 | 1.1 | 0.000 | 0.414 | 34.4 | 57 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.271 | 29.3 | 61 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.292 | 27.2 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.289 | 27.6 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.296 | 27.6 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.273 | 27.3 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 22/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.243 | 26.6 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.3 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 23/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 23/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.255 | 26.4 | 65 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 23/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.231 | 26.0 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.234 | 25.6 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.259 | 25.8 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.238 | 25.7 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.225 | 25.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 7:00 | 0.00 | 0.0 | 0.000 | 0.181 | 24.7 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 8:00 | 0.13 | 0.6 | 0.000 | 0.190 | 24.7 | 67 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 9:00 | 0.34 | 0.9 | 0.000 | 0.255 | 27.1 | 62 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 10:00 | 0.47 | 1.9 | 0.000 | 0.296 | 28.9 | 58 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 11:00 | 0.90 | 2.8 | 0.000 | 0.350 | 32.5 | 53 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 12:00 | 1.07 | 4.5 | 0.000 | 0.375 | 34.6 | 50 | 0.43 | 1330 | 1 | 97.2 | 60 |
| 23/01/05 | 13:00 | 0.21 | 3.7 | 0.000 | 0.414 | 36.4 | 48 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 14:00 | 1.37 | 3.7 | 0.000 | 0.440 | 37.2 | 49 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 15:00 | 0.90 | 2.9 | 0.000 | 0.461 | 37.7 | 52 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 16:00 | 0.43 | 2.0 | 0.000 | 0.463 | 37.7 | 53 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 17:00 | 0.04 | 0.8 | 0.000 | 0.438 | 35.4 | 61 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.391 | 31.8 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.352 | 30.0 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.252 | 27.7 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.243 | 26.7 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.243 | 26.5 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 23/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.238 | 26.3 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.231 | 25.9 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 24/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 24/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.262 | 26.0 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.266 | 26.4 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.222 | 25.7 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.220 | 25.4 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.211 | 25.2 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.206 | 25.1 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 7:00 | 0.09 | 0.5 | 0.000 | 0.243 | 25.9 | 69 | 0.05 | 1331 | 1 | 97.3 | 60 |
| 24/01/05 | 8:00 | 0.30 | 0.9 | 0.000 | 0.319 | 29.4 | 61 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 9:00 | 0.43 | 1.2 | 0.000 | 0.363 | 32.4 | 58 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 10:00 | 0.56 | 1.7 | 0.000 | 0.400 | 33.6 | 57 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 11:00 | 0.94 | 4.4 | 0.000 | 0.438 | 35.3 | 53 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 12:00 | 1.03 | 4.3 | 0.000 | 0.475 | 36.9 | 52 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 13:00 | 0.73 | 4.4 | 0.000 | 0.507 | 38.0 | 52 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 14:00 | 1.03 | 3.4 | 0.000 | 0.444 | 36.8 | 51 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 15:00 | 1.03 | 3.0 | 0.000 | 0.500 | 37.7 | 52 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 16:00 | 0.56 | 2.1 | 0.000 | 0.500 | 38.2 | 55 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 17:00 | 0.13 | 0.5 | 0.000 | 0.442 | 34.4 | 57 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.438 | 33.9 | 62 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.361 | 30.9 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.313 | 28.9 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.306 | 28.1 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.294 | 27.8 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 24/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.271 | 27.1 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.250 | 26.7 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 25/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 25/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.220 | 26.0 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.194 | 25.2 | 68 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 25/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.220 | 25.3 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.227 | 25.6 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.231 | 25.7 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.236 | 25.8 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 7:00 | 0.00 | 0.3 | 0.000 | 0.262 | 26.6 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 8:00 | 0.17 | 0.6 | 0.000 | 0.287 | 27.6 | 66 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 9:00 | 0.43 | 1.6 | 0.000 | 0.322 | 29.8 | 59 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 10:00 | 0.86 | 2.9 | 0.000 | 0.359 | 32.6 | 54 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 11:00 | 0.86 | 4.3 | 0.000 | 0.361 | 34.6 | 54 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 12:00 | 1.11 | 5.3 | 0.000 | 0.319 | 31.2 | 52 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 13:00 | 1.59 | 5.1 | 0.000 | 0.407 | 35.4 | 45 | 0.48 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 14:00 | 0.77 | 3.5 | 0.000 | 0.370 | 34.2 | 53 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 15:00 | 0.47 | 2.4 | 0.000 | 0.336 | 32.6 | 53 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 16:00 | 0.43 | 1.4 | 0.000 | 0.319 | 32.2 | 52 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 17:00 | 0.09 | 1.0 | 0.000 | 0.359 | 33.1 | 58 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.354 | 31.3 | 63 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.303 | 29.0 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.245 | 27.1 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.220 | 26.0 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.204 | 25.3 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 25/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.178 | 24.7 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.167 | 24.2 | 69 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 26/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 26/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.162 | 23.9 | 69 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 26/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.162 | 23.7 | 70 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.171 | 23.7 | 71 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.204 | 24.4 | 70 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.194 | 24.6 | 70 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.206 | 24.8 | 70 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 7:00 | 0.04 | 0.4 | 0.000 | 0.252 | 26.1 | 68 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 8:00 | 0.34 | 1.3 | 0.000 | 0.287 | 28.7 | 61 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 9:00 | 0.47 | 1.4 | 0.000 | 0.310 | 31.3 | 60 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 10:00 | 0.51 | 1.6 | 0.000 | 0.319 | 31.3 | 60 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 11:00 | 0.90 | 3.1 | 0.000 | 0.347 | 32.7 | 55 | 0.33 | 1331 | 1 | 97.3 | 60 |
| 26/01/05 | 12:00 | 0.94 | 2.8 | 0.000 | 0.363 | 34.2 | 56 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 13:00 | 0.56 | 2.9 | 0.000 | 0.382 | 34.4 | 56 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 14:00 | 0.56 | 2.6 | 0.000 | 0.380 | 33.9 | 57 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 15:00 | 0.47 | 2.5 | 0.000 | 0.410 | 34.5 | 54 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 16:00 | 0.39 | 1.4 | 0.000 | 0.389 | 34.6 | 55 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 17:00 | 0.26 | 0.8 | 0.000 | 0.396 | 34.2 | 57 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.387 | 33.1 | 62 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.354 | 30.1 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.319 | 28.6 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.292 | 27.7 | 65 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.262 | 26.9 | 66 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 26/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.238 | 26.3 | 66 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.218 | 25.7 | 66 | 0.05 | 1368 | 1 | 100.0 | 60 |

Ivinhema 27/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 27/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.192 | 25.2 | 66 | 0.05 | 1369 | 1 | 100.0 | 60 |
| 27/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.164 | 24.4 | 67 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.148 | 23.9 | 67 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.137 | 23.5 | 67 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.134 | 23.5 | 68 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.132 | 23.4 | 67 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 7:00 | 0.13 | 0.5 | 0.000 | 0.153 | 24.4 | 64 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 8:00 | 0.21 | 0.6 | 0.000 | 0.167 | 26.1 | 61 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 9:00 | 0.34 | 0.9 | 0.000 | 0.183 | 26.7 | 61 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 10:00 | 0.56 | 2.1 | 0.000 | 0.181 | 26.9 | 57 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 11:00 | 0.86 | 3.0 | 0.000 | 0.211 | 29.2 | 53 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 12:00 | 0.94 | 3.4 | 0.000 | 0.248 | 30.7 | 52 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 13:00 | 0.81 | 3.7 | 0.000 | 0.280 | 31.9 | 54 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 14:00 | 0.47 | 1.6 | 0.000 | 0.264 | 30.3 | 56 | 0.15 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 15:00 | 0.39 | 1.1 | 0.000 | 0.201 | 27.7 | 59 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 16:00 | 0.21 | 0.6 | 0.000 | 0.187 | 26.3 | 62 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 17:00 | 0.09 | 0.5 | 0.000 | 0.218 | 26.5 | 64 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.215 | 26.1 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.194 | 25.5 | 65 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.192 | 25.2 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.187 | 24.8 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.190 | 24.7 | 67 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 27/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.192 | 24.7 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.192 | 24.7 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 28/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 28/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.199 | 24.7 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.192 | 24.7 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.185 | 24.5 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.171 | 24.1 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.169 | 23.9 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.181 | 24.2 | 69 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 7:00 | 0.00 | 0.0 | 0.000 | 0.192 | 24.8 | 67 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 8:00 | 0.21 | 0.9 | 0.000 | 0.208 | 25.6 | 63 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 9:00 | 0.51 | 1.9 | 0.000 | 0.234 | 28.1 | 56 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 10:00 | 0.73 | 2.1 | 0.000 | 0.255 | 30.3 | 55 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 11:00 | 0.90 | 3.2 | 0.000 | 0.264 | 30.4 | 52 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 12:00 | 0.26 | 1.7 | 0.000 | 0.310 | 31.8 | 56 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 13:00 | 0.94 | 3.8 | 0.000 | 0.354 | 32.7 | 53 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 14:00 | 1.16 | 4.3 | 0.000 | 0.340 | 34.7 | 49 | 0.43 | 1308 | 1 | 95.6 | 60 |
| 28/01/05 | 15:00 | 0.47 | 2.2 | 0.000 | 0.331 | 34.1 | 51 | 0.25 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 16:00 | 0.39 | 1.5 | 0.000 | 0.343 | 33.6 | 57 | 0.18 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 17:00 | 0.13 | 0.4 | 0.000 | 0.317 | 30.4 | 61 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 18:00 | 0.00 | 0.3 | 0.000 | 0.308 | 29.0 | 63 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.296 | 27.7 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.308 | 27.6 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.275 | 27.2 | 64 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 28/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.3 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 28/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.294 | 26.7 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.282 | 27.1 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 29/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 29/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.234 | 26.2 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.245 | 25.7 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.234 | 25.7 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.192 | 25.0 | 67 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.201 | 24.6 | 68 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.220 | 24.8 | 68 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 7:00 | 0.13 | 0.5 | 0.000 | 0.238 | 26.1 | 65 | 0.08 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 8:00 | 0.39 | 1.4 | 0.000 | 0.271 | 28.6 | 60 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 9:00 | 0.69 | 2.4 | 0.000 | 0.308 | 31.7 | 55 | 0.30 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 10:00 | 0.99 | 3.5 | 0.000 | 0.331 | 32.9 | 55 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 11:00 | 0.56 | 4.7 | 0.000 | 0.359 | 33.5 | 52 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 12:00 | 0.81 | 5.0 | 0.000 | 0.387 | 35.0 | 49 | 0.41 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 13:00 | 1.24 | 4.9 | 0.000 | 0.419 | 36.4 | 50 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 14:00 | 1.07 | 4.4 | 0.000 | 0.412 | 35.7 | 51 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 15:00 | 0.43 | 3.3 | 0.000 | 0.433 | 36.1 | 49 | 0.36 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 16:00 | 0.30 | 1.9 | 0.000 | 0.444 | 36.9 | 51 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 17:00 | 0.17 | 1.0 | 0.000 | 0.438 | 36.1 | 55 | 0.13 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 18:00 | 0.00 | 0.0 | 0.000 | 0.403 | 33.3 | 60 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.366 | 30.6 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.340 | 29.2 | 63 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.313 | 28.2 | 63 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.294 | 27.6 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 29/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.324 | 28.0 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.322 | 28.3 | 64 | 0.03 | 1368 | 1 | 100.0 | 60 |

Ivinhema 30/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 30/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.280 | 27.6 | 64 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 30/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.236 | 26.5 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.199 | 25.5 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.176 | 24.6 | 65 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.201 | 24.7 | 66 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.264 | 25.5 | 66 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 7:00 | 0.09 | 0.6 | 0.000 | 0.285 | 27.4 | 64 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 8:00 | 0.43 | 1.5 | 0.000 | 0.313 | 30.2 | 60 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 9:00 | 0.77 | 2.5 | 0.000 | 0.352 | 32.7 | 54 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 10:00 | 0.73 | 2.3 | 0.000 | 0.345 | 33.1 | 54 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 11:00 | 0.77 | 4.6 | 0.000 | 0.375 | 34.2 | 50 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 12:00 | 0.51 | 5.3 | 0.000 | 0.412 | 36.3 | 49 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 13:00 | 0.47 | 4.6 | 0.000 | 0.451 | 37.4 | 47 | 0.58 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 14:00 | 0.43 | 4.5 | 0.000 | 0.458 | 37.3 | 50 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 15:00 | 0.51 | 3.5 | 0.000 | 0.433 | 36.1 | 49 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 16:00 | 0.39 | 1.5 | 0.000 | 0.442 | 37.1 | 49 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 17:00 | 0.26 | 1.0 | 0.000 | 0.449 | 36.8 | 52 | 0.23 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.403 | 33.8 | 59 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.366 | 30.4 | 61 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.363 | 29.5 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.352 | 29.2 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.336 | 29.0 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 30/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.333 | 28.7 | 62 | 0.03 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.289 | 28.1 | 62 | 0.00 | 1368 | 1 | 100.0 | 60 |

Ivinhema 31/01/05

| 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. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|----------------|--------------|
| 31/01/05 | 1:00 | 0.00 | 0.0 | 0.000 | 0.262 | 27.1 | 63 | 0.00 | 1369 | 1 | 100.0 | 60 |
| 31/01/05 | 2:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.6 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 3:00 | 0.00 | 0.0 | 0.000 | 0.231 | 26.1 | 63 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 4:00 | 0.00 | 0.0 | 0.000 | 0.227 | 25.6 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 5:00 | 0.00 | 0.0 | 0.000 | 0.275 | 26.0 | 64 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 6:00 | 0.00 | 0.0 | 0.000 | 0.282 | 27.0 | 64 | 0.05 | 1307 | 1 | 95.5 | 60 |
| 31/01/05 | 7:00 | 0.09 | 0.5 | 0.000 | 0.285 | 27.7 | 62 | 0.10 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 8:00 | 0.43 | 1.3 | 0.000 | 0.322 | 31.0 | 56 | 0.28 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 9:00 | 0.73 | 2.6 | 0.000 | 0.343 | 33.5 | 55 | 0.41 | 1330 | 1 | 97.2 | 60 |
| 31/01/05 | 10:00 | 0.60 | 3.0 | 0.000 | 0.363 | 33.9 | 52 | 0.43 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 11:00 | 0.09 | 0.9 | 0.000 | 0.373 | 34.9 | 48 | 0.38 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 12:00 | 0.09 | 1.1 | 0.000 | 0.370 | 35.1 | 49 | 0.30 | 1331 | 1 | 97.3 | 60 |
| 31/01/05 | 13:00 | 0.30 | 1.2 | 0.000 | 0.407 | 36.3 | 46 | 0.51 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 14:00 | 1.11 | 4.1 | 0.000 | 0.442 | 37.6 | 47 | 0.53 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 15:00 | 1.16 | 3.3 | 0.000 | 0.468 | 38.0 | 48 | 0.46 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 16:00 | 0.64 | 2.1 | 0.000 | 0.500 | 38.3 | 51 | 0.33 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 17:00 | 0.30 | 1.0 | 0.000 | 0.519 | 38.4 | 52 | 0.20 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 18:00 | 0.04 | 0.4 | 0.000 | 0.505 | 36.0 | 57 | 0.05 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 19:00 | 0.00 | 0.0 | 0.000 | 0.403 | 31.8 | 59 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 20:00 | 0.00 | 0.0 | 0.000 | 0.356 | 29.6 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 21:00 | 0.00 | 0.0 | 0.000 | 0.299 | 28.1 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 22:00 | 0.00 | 0.0 | 0.000 | 0.299 | 27.6 | 60 | 0.00 | 1368 | 1 | 100.0 | 60 |
| 31/01/05 | 23:00 | 0.00 | 0.0 | 0.000 | 0.248 | 26.6 | 61 | 0.00 | 1331 | 1 | 97.3 | 60 |
| 1/02/05 | 00:00 | 0.00 | 0.0 | 0.000 | 0.225 | 25.8 | 61 | 0.00 | 1368 | 1 | 100.0 | 60 |