



# Meteorologiske data for Ås September 2007

INSTITUTT FOR MATEMATISKE REALFAG OG TEKNOLOGI

| DATO | TEMPERATURER (°C) |      |      |          |      |      |      |      |      | FUKT. | TRYKK  | VIND(10m)    |              |       |
|------|-------------------|------|------|----------|------|------|------|------|------|-------|--------|--------------|--------------|-------|
|      | Hytte             |      |      | Jord(cm) |      |      |      |      |      |       |        | Mid<br>(m/s) | Max<br>(m/s) | Retn. |
|      | Mid               | Min  | Max  | 2        | 5    | 10   | 20   | 50   | 100  |       |        |              |              |       |
| 01   | 9.3               | 2.4  | 13.8 | 11.5     | 11.7 | 12.0 | 12.7 | 14.1 | 13.7 | 86.3  | 994.3  | 2.2          | 5.0          | S     |
| 02   | 14.5              | 7.6  | 18.5 | 13.0     | 13.0 | 13.0 | 13.1 | 13.8 | 13.6 | 62.7  | 984.3  | 5.5          | 8.4          | SV    |
| 03   | 10.1              | 3.1  | 15.2 | 11.7     | 11.9 | 12.2 | 12.7 | 13.8 | 13.5 | 60.5  | 987.9  | 4.0          | 9.8          | NV    |
| 04   | 10.7              | 3.2  | 15.9 | 11.2     | 11.5 | 11.7 | 12.2 | 13.5 | 13.4 | 55.2  | 1003.9 | 4.6          | 9.3          | N     |
| 05   | 11.3              | 2.7  | 17.4 | 11.4     | 11.4 | 11.6 | 11.9 | 13.3 | 13.2 | 81.6  | 1006.1 | 2.5          | 5.0          | S     |
| 06   | 13.1              | 6.5  | 19.2 | 12.3     | 12.3 | 12.4 | 12.4 | 13.2 | 13.1 | 67.4  | 1007.1 | 2.0          | 4.9          | NV    |
| 07   | 15.2              | 9.0  | 21.3 | 13.2     | 13.0 | 13.0 | 12.8 | 13.2 | 13.0 | 72.1  | 1004.4 | 1.6          | 4.0          | SV    |
| 08   | 14.6              | 6.6  | 20.2 | 13.3     | 13.3 | 13.3 | 13.2 | 13.3 | 12.9 | 66.5  | 997.5  | 2.8          | 7.8          | N     |
| 09   | 11.3              | 4.9  | 16.1 | 12.0     | 12.1 | 12.3 | 12.6 | 13.3 | 12.9 | 74.5  | 999.1  | 2.4          | 4.9          | S     |
| 10   | 11.3              | 9.4  | 13.2 | 12.3     | 12.4 | 12.5 | 12.6 | 13.3 | 12.8 | 88.6  | 988.1  | 3.8          | 7.9          | N     |
| 11   | 11.4              | 4.3  | 17.1 | 11.9     | 12.0 | 12.1 | 12.3 | 13.2 | 12.8 | 77.6  | 1001.5 | 2.0          | 5.0          | S     |
| 12   | 12.6              | 6.6  | 17.5 | 11.4     | 11.6 | 11.8 | 12.2 | 13.2 | 12.7 | 58.5  | 1001.4 | 3.5          | 7.2          | NV    |
| 13   | 9.9               | 2.4  | 15.0 | 10.7     | 10.9 | 11.1 | 11.7 | 13.0 | 12.6 | 70.0  | 1006.9 | 2.7          | 5.8          | S     |
| 14   | 12.2              | 8.7  | 16.3 | 11.4     | 11.6 | 11.6 | 11.8 | 12.9 | 12.6 | 75.5  | 987.0  | 5.4          | 9.3          | S     |
| 15   | 10.6              | 2.8  | 13.9 | 9.9      | 10.3 | 10.6 | 11.3 | 12.8 | 12.5 | 42.8  | 992.9  | 5.0          | 8.7          | NV    |
| 16   | 8.2               | 2.0  | 13.6 | 9.9      | 10.0 | 10.1 | 10.7 | 12.5 | 12.4 | 93.1  | 988.4  | 2.4          | 7.3          | S     |
| 17   | 11.0              | 5.2  | 15.2 | 11.2     | 11.3 | 11.3 | 11.3 | 12.3 | 12.3 | 69.8  | 985.0  | 2.8          | 7.7          | NV    |
| 18   | 6.8               | 0.5  | 13.3 | 9.6      | 10.0 | 10.2 | 10.9 | 12.3 | 12.2 | 69.0  | 994.3  | 2.1          | 4.6          | N     |
| 19   | 4.6               | -0.8 | 7.9  | 8.5      | 8.9  | 9.2  | 10.1 | 12.1 | 12.1 | 95.4  | 995.0  | 1.5          | 4.0          | NØ    |
| 20   | 9.0               | 5.4  | 11.8 | 10.0     | 10.1 | 10.1 | 10.2 | 11.9 | 12.0 | 94.7  | 992.8  | 2.5          | 4.9          | S     |
| 21   | 11.0              | 8.5  | 13.4 | 10.5     | 10.6 | 10.6 | 10.7 | 11.9 | 11.8 | 82.9  | 994.5  | 4.8          | 7.8          | S     |
| 22   | 10.3              | 5.9  | 13.5 | 10.3     | 10.5 | 10.5 | 10.7 | 11.8 | 11.7 | 83.9  | 999.4  | 4.1          | 8.0          | S     |
| 23   | 11.4              | 6.8  | 14.1 | 10.5     | 10.6 | 10.6 | 10.7 | 11.8 | 11.7 | 93.3  | 1003.7 | 4.3          | 8.1          | S     |
| 24   | 14.2              | 11.8 | 15.8 | 12.1     | 11.9 | 11.8 | 11.4 | 11.8 | 11.6 | 93.5  | 996.1  | 4.8          | 10.6         | S     |
| 25   | 12.1              | 10.1 | 14.1 | 12.0     | 12.0 | 12.0 | 11.8 | 12.0 | 11.6 | 91.1  | 992.2  | 4.4          | 6.9          | S     |
| 26   | 10.7              | 8.5  | 15.2 | 11.9     | 11.9 | 11.9 | 11.8 | 12.1 | 11.5 | 84.1  | 1000.1 | 1.7          | 3.2          | N     |
| 27   | 8.3               | 4.4  | 12.2 | 10.1     | 10.6 | 10.7 | 11.3 | 12.3 | 11.5 | 69.4  | 1013.6 | 3.2          | 5.6          | N     |
| 28   | 6.3               | 2.9  | 10.5 | 8.7      | 9.2  | 9.5  | 10.2 | 12.1 | 11.5 | 69.7  | 1016.0 | 3.4          | 6.1          | N     |
| 29   | 6.8               | 4.5  | 10.2 | 8.2      | 8.5  | 8.8  | 9.6  | 11.9 | 11.5 | 87.0  | 1006.7 | 4.8          | 7.6          | N     |
| 30   | 11.8              | 9.7  | 13.6 | 10.3     | 10.1 | 10.0 | 9.9  | 11.6 | 11.4 | 96.4  | 1001.5 | 1.9          | 4.7          | Ø     |
| Mid. | 10.7              | 5.5  | 14.8 | 11.0     | 11.2 | 11.3 | 11.6 | 12.7 | 12.4 | 77.1  | 998.1  | 3.3          | 6.7          |       |

Høyeste temperatur: 21,3

Laveste temperatur: -0,8

Normal temperatur (1931-1960): 10,9

Normal temperatur (1961-1990): 10,6

| DATO | STRÅLING |        |         |     |      |       |      |      |       |        | Jord-<br>varmeflux<br>(MJ/m2) | Fordamp<br>ning<br>(mm) | Nedbør<br>(mm) |
|------|----------|--------|---------|-----|------|-------|------|------|-------|--------|-------------------------------|-------------------------|----------------|
|      | MJ/m2    |        |         | %   |      |       |      |      | E/m2  | Albedo |                               |                         |                |
|      | Global   | Diffus | Balanse | UV  | Blå  | Grønn | Rød  | IRød | Par   |        |                               |                         |                |
| 01   | 7.61     | 5.54   | 3.54    | 5.3 | 10.3 | 23.3  | 7.9  | 53.3 | 16.9  | 0.22   | -0.37                         | 0.9                     | 0.9            |
| 02   | 14.09    | 5.63   | 6.37    | 4.5 | 8.6  | 23.8  | 6.6  | 56.6 | 29.5  | 0.24   | 0.07                          | 2.8                     | 0.0            |
| 03   | 14.33    | 4.53   | 6.50    | 4.5 | 7.5  | 23.7  | 6.6  | 57.6 | 29.7  | 0.24   | -0.42                         | 4.6                     | 0.0            |
| 04   | 16.16    | 2.03   | 7.61    | 4.3 | 6.2  | 24.4  | 6.2  | 59.0 | 33.9  | 0.27   | -0.44                         | 4.2                     | 0.0            |
| 05   | 11.94    | 5.57   | 6.50    | 4.6 | 9.0  | 23.7  | 7.6  | 55.0 | 25.7  | 0.24   | -0.03                         | 1.5                     | 0.2            |
| 06   | 12.49    | 6.76   | 6.34    | 4.3 | 9.8  | 24.0  | 6.9  | 55.0 | 26.7  | 0.25   | 0.05                          | 2.1                     | 0.0            |
| 07   | 9.66     | 6.16   | 5.23    | 4.5 | 10.9 | 24.0  | 6.8  | 53.8 | 20.7  | 0.22   | 0.32                          | 0.2                     | 0.2            |
| 08   | 12.44    | 4.20   | 6.46    | 4.3 | 7.9  | 23.2  | 7.8  | 56.8 | 26.3  | 0.26   | 0.05                          | 2.6                     | 0.2            |
| 09   | 11.65    | 4.36   | 5.70    | 4.5 | 7.4  | 23.4  | 7.7  | 57.0 | 24.8  | 0.21   | -0.14                         | 2.0                     | 2.0            |
| 10   | 4.71     | 4.16   | 2.24    | 6.1 | 14.2 | 23.3  | 7.5  | 48.9 | 10.3  | 0.22   | -0.10                         | 1.2                     | 5.5            |
| 11   | 13.99    | 2.25   | 6.47    | 4.3 | 6.2  | 23.7  | 7.9  | 57.9 | 29.6  | 0.23   | 0.01                          | 2.0                     | 0.0            |
| 12   | 12.64    | 4.19   | 5.70    | 4.4 | 6.1  | 23.5  | 7.9  | 58.2 | 26.0  | 0.26   | -0.28                         | 3.1                     | 0.0            |
| 13   | 13.26    | 2.57   | 5.37    | 4.3 | 5.6  | 23.3  | 8.3  | 58.5 | 27.8  | 0.25   | -0.28                         | 2.3                     | 0.0            |
| 14   | 7.65     | 4.24   | 3.26    | 4.9 | 8.5  | 22.1  | 8.8  | 55.8 | 16.0  | 0.26   | -0.04                         | 2.2                     | 1.6            |
| 15   | 13.70    | 1.82   | 4.86    | 4.3 | 4.2  | 22.9  | 8.3  | 60.3 | 28.0  | 0.27   | -0.52                         | 4.4                     | 0.0            |
| 16   | 2.42     | 2.31   | 1.20    | 6.5 | 15.0 | 23.5  | 8.6  | 46.3 | 5.6   | 0.12   | -0.19                         | 0.3                     | 9.0            |
| 17   | 12.27    | 2.99   | 6.01    | 4.4 | 6.1  | 23.5  | 7.8  | 58.3 | 25.8  | 0.25   | 0.06                          | 1.8                     | 5.3            |
| 18   | 11.19    | 3.52   | 4.62    | 4.6 | 5.5  | 22.5  | 8.8  | 58.6 | 22.9  | 0.23   | -0.47                         | 2.4                     | 0.0            |
| 19   | 4.64     | 3.73   | 2.59    | 5.4 | 10.1 | 21.8  | 8.7  | 54.0 | 10.1  | 0.19   | -0.56                         | 0.5                     | 6.3            |
| 20   | 5.43     | 4.44   | 2.62    | 5.2 | 11.7 | 22.0  | 8.0  | 53.1 | 11.6  | 0.22   | 0.10                          | 0.3                     | 1.0            |
| 21   | 6.98     | 4.66   | 2.30    | 4.8 | 8.2  | 20.5  | 9.3  | 57.3 | 14.7  | 0.24   | 0.03                          | 1.0                     | 0.0            |
| 22   | 8.03     | 5.47   | 2.24    | 4.8 | 8.3  | 23.1  | 7.5  | 56.3 | 17.0  | 0.24   | -0.06                         | 0.9                     | 0.0            |
| 23   | 2.40     | 2.31   | 0.77    | 6.0 | 15.4 | 21.6  | 9.8  | 47.2 | 5.4   | 0.13   | 0.03                          | 0.0                     | 0.0            |
| 24   | 1.21     | 1.15   | 0.32    | 6.5 | 15.8 | 24.4  | 8.2  | 45.1 | 2.7   | 0.22   | 0.48                          | 1.1                     | 14.7           |
| 25   | 5.16     | 4.34   | 2.11    | 5.7 | 11.2 | 23.9  | 7.6  | 51.6 | 11.1  | 0.23   | 0.16                          | 2.6                     | 1.8            |
| 26   | 8.64     | 3.93   | 3.51    | 4.6 | 5.8  | 23.1  | 10.1 | 56.4 | 17.9  | 0.25   | 0.14                          | 1.9                     | 0.0            |
| 27   | 10.49    | 1.45   | 3.15    | 4.4 | 1.9  | 22.4  | 10.8 | 60.4 | 21.8  | 0.26   | -0.50                         | 2.3                     | 0.0            |
| 28   | 10.40    | 1.83   | 2.73    | 4.3 | 1.8  | 21.7  | 10.9 | 61.3 | 21.2  | 0.23   | -0.67                         | 2.4                     | 0.0            |
| 29   | 0.73     | 0.72   | -0.02   | 7.2 | 14.8 | 24.5  | 8.7  | 44.7 | 1.7   | 0.09   | -0.57                         | 1.4                     | 6.7            |
| 30   | 2.98     | 2.66   | 1.61    | 6.0 | 15.1 | 24.1  | 6.9  | 48.0 | 6.5   | 0.20   | 0.37                          | 16.2                    | 16.2           |
| Sum  | 269.3    | 109.5  | 117.9   |     |      |       |      |      | 567.8 |        | -3.77                         | 54.8                    | 71.6           |
| Mid. | 8.98     | 3.65   | 3.93    | 5.0 | 9.0  | 23.2  | 8.2  | 54.7 | 18.9  | 0.22   | -0.13                         | 2.0                     |                |

Normal nedbør (1931-60): 86 mm

Normal nedbør (1961-90): 90 mm