

**MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2011**

NAME: K-HUS CITY: Hällefors STATE:  
 ELEV: 195 m LAT: 39° 46' 00" N LONG: 14° 31' 00" W

TEMPERATURE (°C), RAIN (mm), WIND SPEED (m/s)

| DAY   | MEAN  |      | HEAT  |       | COOL  |       | AVG  |      | WIND |      | DOM   |      | DIR |
|-------|-------|------|-------|-------|-------|-------|------|------|------|------|-------|------|-----|
|       | TEMP  | HIGH | TIME  | DEG   | TIME  | DEG   | WIND | DAYS | DAYS | RAIN | SPEED | HIGH |     |
| 1     | -3.1  | 0.6  | 1:30  | -6.8  | 19:30 | 21.4  | 0.0  | 0.0  | 3.3  | 13.9 | 6:30  | NE   |     |
| 2     | -5.6  | -3.1 | 14:30 | -8.1  | 3:30  | 23.9  | 0.0  | 0.0  | 1.1  | 5.4  | 14:01 | ENE  |     |
| 3     | -9.4  | -5.8 | 18:30 | -13.1 | 23:30 | 27.7  | 0.0  | 0.0  | 0.2  | 3.6  | 0:30  | ENE  |     |
| 4     | -11.0 | -4.7 | 23:30 | -17.3 | 5:01  | 29.3  | 0.0  | 0.0  | 0.3  | 3.6  | 18:30 | NNE  |     |
| 5     | -3.8  | -1.4 | 19:01 | -6.3  | 4:00  | 22.1  | 0.0  | 0.0  | 0.3  | 4.5  | 22:00 | SW   |     |
| 6     | -3.1  | -1.6 | 2:01  | -4.7  | 12:30 | 21.4  | 0.0  | 0.0  | 2.3  | 9.8  | 7:30  | WSW  |     |
| 7     | -2.6  | 1.5  | 10:30 | -6.7  | 23:30 | 20.9  | 0.0  | 0.0  | 1.8  | 8.5  | 13:01 | WNW  |     |
| 8     | -4.6  | 0.6  | 23:30 | -9.7  | 2:30  | 22.9  | 0.0  | 0.0  | 1.0  | 7.2  | 15:30 | SW   |     |
| 9     | 1.3   | 2.2  | 6:30  | 0.3   | 0:01  | 17.1  | 0.0  | 0.0  | 3.8  | 13.9 | 23:01 | WNW  |     |
| 10    | 1.6   | 3.0  | 19:01 | 0.1   | 10:01 | 16.7  | 0.0  | 1.0  | 6.1  | 16.5 | 2:01  | NW   |     |
| 11    | -0.1  | 2.4  | 1:30  | -2.7  | 20:30 | 18.4  | 0.0  | 0.0  | 3.4  | 13.0 | 3:01  | WNW  |     |
| 12    | -4.7  | -1.7 | 3:01  | -7.7  | 23:30 | 23.0  | 0.0  | 0.0  | 0.7  | 5.4  | 13:30 | NE   |     |
| 13    | -7.1  | -4.4 | 4:30  | -9.8  | 10:30 | 25.4  | 0.0  | 0.0  | 0.2  | 2.7  | 13:01 | NE   |     |
| 14    | -5.7  | -3.4 | 18:00 | -7.9  | 23:01 | 24.0  | 0.0  | 0.0  | 0.1  | 3.1  | 23:01 | NE   |     |
| 15    | -6.4  | -2.7 | 00:00 | -10.2 | 4:00  | 24.7  | 0.0  | 0.0  | 1.5  | 8.9  | 00:00 | SW   |     |
| 16    | 0.1   | 3.1  | 14:00 | -2.9  | 0:30  | 18.2  | 0.0  | 13.0 | 3.4  | 11.2 | 20:00 | WSW  |     |
| 17    | 2.6   | 3.3  | 12:01 | 1.9   | 22:30 | 15.7  | 0.0  | 10.2 | 3.6  | 11.6 | 7:00  | NW   |     |
| 18    | 0.2   | 2.4  | 0:01  | -2.0  | 23:30 | 18.1  | 0.0  | 0.0  | 1.4  | 6.3  | 10:30 | NE   |     |
| 19    | -2.9  | 0.3  | 0:01  | -6.1  | 11:01 | 21.2  | 0.0  | 0.0  | 0.9  | 4.0  | 14:01 | NE   |     |
| 20    | -3.3  | 0.1  | 16:01 | -6.6  | 3:30  | 21.6  | 0.0  | 0.0  | 1.2  | 4.9  | 7:30  | ENE  |     |
| 21    | -5.4  | 0.7  | 15:30 | -11.6 | 10:01 | 23.7  | 0.0  | 0.0  | 0.4  | 5.4  | 17:01 | ENE  |     |
| 22    | -3.0  | 0.6  | 14:00 | -6.6  | 0:01  | 21.3  | 0.0  | 0.0  | 0.6  | 4.9  | 3:30  | NE   |     |
| 23    | -3.0  | 0.5  | 15:30 | -6.5  | 1:01  | 21.3  | 0.0  | 0.2  | 0.1  | 2.2  | 0:01  | NE   |     |
| 24    | -0.3  | 1.5  | 15:30 | -2.0  | 21:30 | 18.6  | 0.0  | 0.2  | 1.0  | 5.8  | 15:01 | WNW  |     |
| 25    | -5.3  | 0.2  | 0:01  | -10.8 | 23:30 | 23.6  | 0.0  | 0.0  | 2.1  | 10.3 | 11:01 | ENE  |     |
| 26    | -11.9 | -8.7 | 21:30 | -15.2 | 21:01 | 30.2  | 0.0  | 0.0  | 0.8  | 4.9  | 1:30  | ENE  |     |
| 27    | -9.7  | -4.9 | 16:30 | -14.6 | 7:01  | 28.0  | 0.0  | 0.0  | 0.2  | 2.2  | 3:30  | ENE  |     |
| 28    | -5.8  | -1.4 | 23:30 | -10.1 | 3:01  | 24.1  | 0.0  | 0.0  | 1.5  | 9.4  | 23:30 | NNW  |     |
| 29    | -1.0  | 0.9  | 16:01 | -2.9  | 10:01 | 19.3  | 0.0  | 0.0  | 2.4  | 12.1 | 20:01 | N    |     |
| 30    | -1.3  | 1.1  | 15:30 | -3.6  | 23:30 | 19.6  | 0.0  | 0.0  | 1.8  | 11.6 | 0:30  | NE   |     |
| 31    | -1.7  | 1.2  | 18:01 | -4.6  | 1:01  | 20.0  | 0.0  | 0.0  | 2.6  | 11.6 | 5:30  | NW   |     |
| ----- |       |      |       |       |       |       |      |      |      |      |       |      |     |
|       | -3.7  | 3.3  | 17    | -17.3 | 4     | 683.5 | 0.0  | 24.6 | 1.6  | 16.5 | 10    | NE   |     |

Max >= 32.0: 0  
 Max <= 0.0: 12  
 Min <= 0.0: 28  
 Min <= -18.0: 0  
 Max Rain: 13.00 ON 11-01-16  
 Days of Rain: 5 (> .2 mm) 2 (> 2 mm) 0 (> 20 mm)  
 Heat Base: 18.3 Cool Base: 18.3 Method: (High + Low) / 2