

MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2018

NAME: derbyvp2 CITY: Sheffield STATE: South Yorkshire  
 ELEV: 525 ft LAT: 53° 21' 02" N LONG: 1° 28' 42" W

TEMPERATURE (°C), RAIN (mm), WIND SPEED (mph)

| DAY   | MEAN TEMP | HIGH | TIME  | LOW  | TIME  | HEAT DEG DAYS | COOL DEG DAYS | RAIN  | AVG WIND SPEED | HIGH | TIME  | DOM DIR |
|-------|-----------|------|-------|------|-------|---------------|---------------|-------|----------------|------|-------|---------|
| 1     | 4.8       | 6.2  | 14:00 | 3.6  | 4:30  | 13.5          | 0.0           | 2.8   | 12.0           | 43.0 | 2:25  | SW      |
| 2     | 5.4       | 8.9  | 22:30 | 3.1  | 8:35  | 13.1          | 0.0           | 6.0   | 11.8           | 42.0 | 22:30 | SW      |
| 3     | 6.2       | 7.6  | 0:30  | 4.7  | 5:30  | 12.0          | 0.0           | 8.8   | 16.6           | 54.0 | 11:55 | W       |
| 4     | 5.7       | 9.1  | 14:15 | 4.4  | 8:40  | 12.6          | 0.0           | 2.8   | 10.2           | 52.0 | 16:15 | W       |
| 5     | 3.0       | 4.4  | 0:05  | 1.3  | 23:45 | 15.3          | 0.0           | 1.8   | 4.2            | 19.0 | 1:15  | SW      |
| 6     | 2.3       | 4.3  | 12:15 | 0.7  | 22:20 | 15.9          | 0.0           | 1.4   | 7.1            | 25.0 | 11:55 | ENE     |
| 7     | 0.5       | 3.0  | 14:05 | -2.4 | 00:00 | 17.8          | 0.0           | 0.2   | 4.8            | 17.0 | 13:55 | ENE     |
| 8     | -0.7      | 1.9  | 14:15 | -3.9 | 8:05  | 19.0          | 0.0           | 0.0   | 2.6            | 13.0 | 15:45 | ENE     |
| 9     | 1.7       | 3.4  | 23:50 | 0.8  | 3:15  | 16.6          | 0.0           | 0.0   | 3.2            | 13.0 | 13:15 | SE      |
| 10    | 5.1       | 7.1  | 13:20 | 3.4  | 0:05  | 13.2          | 0.0           | 2.2   | 1.8            | 12.0 | 18:25 | SSW     |
| 11    | 5.4       | 6.9  | 12:50 | 4.4  | 0:05  | 12.8          | 0.0           | 0.4   | 3.2            | 11.0 | 5:30  | NNE     |
| 12    | 5.1       | 5.6  | 0:05  | 4.7  | 17:20 | 13.3          | 0.0           | 0.0   | 2.8            | 16.0 | 22:55 | SSE     |
| 13    | 4.1       | 4.9  | 0:05  | 2.9  | 22:55 | 14.2          | 0.0           | 0.0   | 5.6            | 17.0 | 2:50  | S       |
| 14    | 2.5       | 3.2  | 00:00 | 1.6  | 19:30 | 15.8          | 0.0           | 0.0   | 7.5            | 28.0 | 20:10 | SW      |
| 15    | 5.5       | 8.3  | 11:35 | 2.4  | 20:00 | 12.8          | 0.0           | 17.8  | 12.3           | 36.0 | 1:40  | SW      |
| 16    | 1.8       | 3.2  | 0:05  | 0.1  | 00:00 | 16.5          | 0.0           | 14.2  | 12.4           | 35.0 | 3:15  | W       |
| 17    | 2.2       | 4.1  | 12:30 | 0.1  | 0:05  | 16.1          | 0.0           | 19.4  | 12.4           | 47.0 | 5:05  | W       |
| 18    | 2.9       | 7.1  | 2:35  | 1.3  | 0:05  | 15.4          | 0.0           | 8.2   | 9.7            | 55.0 | 3:45  | W       |
| 19    | 2.2       | 3.9  | 13:35 | 1.1  | 5:05  | 16.1          | 0.0           | 0.6   | 8.9            | 36.0 | 18:35 | W       |
| 20    | 1.1       | 2.4  | 15:00 | -0.9 | 00:00 | 17.2          | 0.0           | 0.6   | 4.6            | 31.0 | 0:30  | SW      |
| 21    | 1.1       | 6.5  | 23:50 | -0.9 | 0:05  | 17.2          | 0.0           | 8.0   | 5.6            | 21.0 | 14:40 | SSW     |
| 22    | 6.2       | 7.3  | 12:30 | 5.2  | 7:50  | 12.1          | 0.0           | 0.0   | 7.3            | 35.0 | 22:55 | W       |
| 23    | 8.9       | 11.6 | 12:45 | 6.6  | 0:05  | 9.4           | 0.0           | 1.6   | 14.6           | 40.0 | 12:30 | SW      |
| 24    | 7.4       | 12.1 | 7:10  | 4.6  | 23:15 | 10.8          | 0.0           | 5.0   | 16.0           | 49.0 | 6:45  | SW      |
| 25    | 4.6       | 7.2  | 14:00 | 2.2  | 23:30 | 13.7          | 0.0           | 0.2   | 10.9           | 35.0 | 12:55 | SW      |
| 26    | 3.6       | 6.6  | 12:50 | 1.6  | 3:00  | 14.7          | 0.0           | 0.0   | 4.4            | 17.0 | 6:45  | WSW     |
| 27    | 6.6       | 11.6 | 19:00 | 2.3  | 4:15  | 11.7          | 0.0           | 0.4   | 11.8           | 43.0 | 19:55 | SW      |
| 28    | 9.7       | 12.2 | 14:20 | 7.1  | 5:55  | 8.6           | 0.0           | 0.0   | 11.0           | 44.0 | 23:55 | SW      |
| 29    | 7.2       | 10.1 | 4:45  | 3.2  | 23:20 | 11.1          | 0.0           | 3.0   | 11.5           | 48.0 | 5:00  | WNW     |
| 30    | 4.1       | 5.8  | 12:50 | 3.1  | 5:10  | 14.2          | 0.0           | 0.0   | 6.8            | 26.0 | 19:05 | SW      |
| 31    | 3.1       | 6.1  | 5:10  | 0.9  | 14:55 | 15.2          | 0.0           | 7.6   | 13.3           | 39.0 | 5:55  | W       |
| ----- |           |      |       |      |       |               |               |       |                |      |       |         |
|       | 4.2       | 12.2 |       | -3.9 |       | 437.8         | 0.0           | 113.0 | 8.6            | 55.0 |       | SW      |

Max >= 32.0: 0  
 Max <= 0.0: 0  
 Min <= 0.0: 4  
 Min <= -18.0: 0

Max Rain: 19.41 ON 17/01/18

Days of Rain: 22 (> .2 mm) 13 (> 2 mm) 0 (> 20 mm)

Heat Base: 18.3 Cool Base: 18.3 Method: Integration