

ANNUAL CLIMATOLOGICAL SUMMARY

NAME: El Maduixer CITY: El Maduixer,Barcelona ( Vallcarca) STATE: Catalunya  
 ELEV: 280 m LAT: 41° 25' 00" N LONG: 2° 07' 00" E

TEMPERATURE (°C), HEAT BASE 18.3, COOL BASE 18.3

| YR | MO | MEAN<br>MAX | MEAN<br>MIN | MEAN | DEP.         | HEAT        | COOL        | HI   | DATE | LOW  | DATE | MAX<br>>=32 | MAX<br><=0 | MIN<br><=0 | MIN<br><=-18 |
|----|----|-------------|-------------|------|--------------|-------------|-------------|------|------|------|------|-------------|------------|------------|--------------|
|    |    |             |             |      | FROM<br>NORM | DEG<br>DAYS | DEG<br>DAYS |      |      |      |      |             |            |            |              |
| 10 | 1  | 9.6         | 5.1         | 7.1  | -1.4         | 347         | 0           | 14.3 | 14   | -1.6 | 10   | 0           | 0          | 2          | 0            |
| 10 | 2  | 11.3        | 5.8         | 8.4  | -0.6         | 277         | 0           | 18.5 | 25   | -1.2 | 12   | 0           | 0          | 3          | 0            |
| 10 | 3  | 13.2        | 7.0         | 9.9  | -1.8         | 261         | 0           | 19.9 | 20   | -0.9 | 8    | 0           | 0          | 2          | 0            |
| 10 | 4  | 17.8        | 11.2        | 14.2 | 0.3          | 133         | 11          | 24.7 | 26   | 7.7  | 12   | 0           | 0          | 0          | 0            |
| 10 | 5  | 19.8        | 12.7        | 15.9 | -2.8         | 100         | 25          | 26.9 | 31   | 6.4  | 4    | 0           | 0          | 0          | 0            |
| 10 | 6  | 24.5        | 17.2        | 20.7 | -3.6         | 14          | 85          | 31.5 | 28   | 12.8 | 17   | 0           | 0          | 0          | 0            |
| 10 | 7  | 29.4        | 21.9        | 25.3 | -1.0         | 0           | 218         | 32.7 | 12   | 18.7 | 24   | 2           | 0          | 0          | 0            |
| 10 | 8  | 27.7        | 20.5        | 23.8 | -1.4         | 1           | 170         | 37.6 | 27   | 15.4 | 14   | 3           | 0          | 0          | 0            |
| 10 | 9  | 24.0        | 17.8        | 20.6 | -1.0         | 11          | 81          | 28.0 | 12   | 12.8 | 27   | 0           | 0          | 0          | 0            |
| 10 | 10 | 19.3        | 13.7        | 16.2 | -1.3         | 83          | 16          | 23.9 | 3    | 7.2  | 19   | 0           | 0          | 0          | 0            |
| 10 | 11 | 14.1        | 8.7         | 11.3 | -0.7         | 212         | 1           | 21.3 | 4    | 3.6  | 29   | 0           | 0          | 0          | 0            |
| 10 | 12 | 11.6        | 6.5         | 9.0  | 0.3          | 288         | 0           | 19.9 | 7    | 0.3  | 15   | 0           | 0          | 0          | 0            |
|    |    | 18.6        | 12.4        | 15.2 | -1.3         | 1726        | 607         | 37.6 | AUG  | -1.6 | JAN  | 5           | 0          | 7          | 0            |

PRECIPITATION (mm)

| YR | MO | TOTAL | DEP.         | MAX         | DATE | DAYS OF RAIN<br>OVER |    |    |
|----|----|-------|--------------|-------------|------|----------------------|----|----|
|    |    |       | FROM<br>NORM | OBS.<br>DAY |      | .2                   | 2  | 20 |
| 10 | 1  | 60.6  | 32.5         | 9.8         | 5    | 15                   | 11 | 0  |
| 10 | 2  | 112.0 | 53.0         | 32.6        | 19   | 12                   | 8  | 3  |
| 10 | 3  | 79.6  | 61.7         | 21.8        | 8    | 9                    | 6  | 1  |
| 10 | 4  | 28.6  | -9.0         | 15.4        | 4    | 7                    | 3  | 0  |
| 10 | 5  | 160.8 | 126.5        | 68.8        | 3    | 14                   | 7  | 2  |
| 10 | 6  | 29.8  | 17.6         | 11.2        | 9    | 7                    | 6  | 0  |
| 10 | 7  | 18.0  | -7.5         | 11.0        | 30   | 4                    | 2  | 0  |
| 10 | 8  | 41.8  | -3.6         | 14.6        | 12   | 7                    | 3  | 0  |
| 10 | 9  | 97.7  | 37.8         | 71.0        | 17   | 7                    | 5  | 1  |
| 10 | 10 | 105.2 | 6.9          | 63.6        | 10   | 5                    | 5  | 2  |
| 10 | 11 | 17.8  | -17.0        | 13.2        | 30   | 8                    | 1  | 0  |
| 10 | 12 | 31.6  | -5.5         | 9.2         | 21   | 8                    | 5  | 0  |
|    |    | 783.5 | 293.4        | 71.0        | SEP  | 103                  | 62 | 9  |

WIND SPEED (km/hr)

| YR | MO | AVG. | HI   | DATE | DOM |
|----|----|------|------|------|-----|
|    |    |      |      |      | DIR |
| 10 | 1  | 6.1  | 64.4 | 1    | NW  |
| 10 | 2  | 5.3  | 64.4 | 11   | NW  |
| 10 | 3  | 5.0  | 62.8 | 8    | NW  |
| 10 | 4  | 3.9  | 37.0 | 4    | NW  |
| 10 | 5  | 4.2  | 48.3 | 3    | NW  |
| 10 | 6  | 3.7  | 40.2 | 16   | SSE |
| 10 | 7  | 3.5  | 38.6 | 18   | SSE |
| 10 | 8  | 3.6  | 51.5 | 12   | SSE |
| 10 | 9  | 3.4  | 43.5 | 19   | SSE |
| 10 | 10 | 5.6  | 66.0 | 12   | NW  |
| 10 | 11 | 6.3  | 57.9 | 17   | NW  |
| 10 | 12 | 5.1  | 53.1 | 16   | NW  |
|    |    | 4.7  | 66.0 | OCT  | NW  |