

**DAILY ETO PENMAN-MONTEITH DATA**  
**(File: untitled)**

Country: India  
Altitude: 636 m.

Station: Madakasira  
Latitude: 13.57 °N

Year: 2023  
Longitude: 77.1

DECEMBER

| Day     | Min Temp<br>°C | Max Temp<br>°C | Humidity<br>% | Wind<br>km/day | Sun<br>hours | Rad<br>MJ/m²/day | ETO<br>mm/day |
|---------|----------------|----------------|---------------|----------------|--------------|------------------|---------------|
| 1       | 19.4           | 31.0           | 73            | 2              | 11.2         | 22.2             | 3.82          |
| 2       | 17.5           | 31.0           | 73            | 3              | 11.2         | 22.1             | 3.74          |
| 3       | 19.8           | 30.9           | 79            | 4              | 11.2         | 22.1             | 3.92          |
| 4       | 19.6           | 29.7           | 76            | 4              | 11.2         | 22.1             | 3.79          |
| 5       | 18.7           | 30.2           | 72            | 3              | 11.2         | 22.0             | 3.70          |
| 6       | 18.0           | 32.0           | 65            | 1              | 11.2         | 22.0             | 3.63          |
| 7       | 19.8           | 31.7           | 68            | 0              | 11.2         | 22.0             | 3.74          |
| 8       | 20.4           | 28.4           | 78            | 2              | 11.2         | 22.0             | 3.75          |
| 9       | 19.5           | 24.8           | 82            | 3              | 11.2         | 21.9             | 3.56          |
| 10      | 19.0           | 30.7           | 71            | 2              | 11.2         | 21.9             | 3.69          |
| 11      | 18.4           | 29.7           | 69            | 2              | 11.2         | 21.9             | 3.57          |
| 12      | 17.1           | 30.5           | 67            | 2              | 11.2         | 21.9             | 3.53          |
| 13      | 15.6           | 29.0           | 67            | 2              | 11.2         | 21.9             | 3.40          |
| 14      | 14.8           | 28.8           | 67            | 2              | 11.2         | 21.8             | 3.34          |
| 15      | 15.9           | 30.7           | 70            | 2              | 11.2         | 21.8             | 3.52          |
| 16      | 18.6           | 32.0           | 73            | 3              | 11.2         | 21.8             | 3.76          |
| 17      | 19.2           | 30.4           | 69            | 3              | 11.2         | 21.8             | 3.64          |
| 18      | 19.3           | 26.6           | 74            | 3              | 11.2         | 21.8             | 3.51          |
| 19      | 17.8           | 29.6           | 65            | 3              | 11.2         | 21.8             | 3.48          |
| 20      | 17.0           | 31.2           | 64            | 3              | 11.2         | 21.8             | 3.50          |
| 21      | 16.4           | 32.0           | 63            | 2              | 11.2         | 21.8             | 3.50          |
| 22      | 17.9           | 30.9           | 60            | 2              | 11.2         | 21.8             | 3.45          |
| 23      | 13.9           | 31.9           | 55            | 2              | 11.2         | 21.8             | 3.26          |
| 24      | 14.6           | 32.4           | 60            | 3              | 11.2         | 21.8             | 3.41          |
| 25      | 17.1           | 33.0           | 62            | 3              | 11.2         | 21.8             | 3.56          |
| 26      | 15.0           | 32.5           | 56            | 3              | 11.2         | 21.8             | 3.37          |
| 27      | 14.7           | 32.5           | 58            | 3              | 11.2         | 21.9             | 3.40          |
| 28      | 14.7           | 32.9           | 62            | 3              | 11.2         | 21.9             | 3.49          |
| 29      | 16.9           | 32.5           | 62            | 3              | 11.2         | 21.9             | 3.56          |
| 30      | 17.2           | 32.9           | 55            | 3              | 11.2         | 21.9             | 3.46          |
| 31      | 15.2           | 32.8           | 56            | 2              | 11.2         | 21.9             | 3.40          |
| Average | 17.4           | 30.8           | 67            | 3              | 11.2         | 21.9             | 3.56          |