

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

Country: India  
Altitude: 636 m.

Station: Madakasira  
Latitude: 13.57 °N

Year: 1996  
Longitude: 77.1

JANUARY

| Day     | Min Temp<br>°C | Max Temp<br>°C | Humidity<br>% | Wind<br>m/s | Sun<br>hours | Rad<br>MJ/m²/day | ETO<br>mm/day |
|---------|----------------|----------------|---------------|-------------|--------------|------------------|---------------|
| 1       | 14.5           | 30.0           | 60            | 2.5         | 11.2         | 22.0             | 4.91          |
| 2       | 14.2           | 30.5           | 58            | 2.5         | 11.2         | 22.0             | 4.99          |
| 3       | 14.7           | 30.7           | 60            | 2.4         | 11.2         | 22.0             | 4.94          |
| 4       | 15.9           | 31.0           | 58            | 2.8         | 11.2         | 22.0             | 5.28          |
| 5       | 15.0           | 30.8           | 56            | 2.8         | 11.2         | 22.1             | 5.32          |
| 6       | 12.4           | 30.4           | 52            | 2.8         | 11.2         | 22.1             | 5.34          |
| 7       | 13.9           | 30.3           | 56            | 2.9         | 11.2         | 22.2             | 5.28          |
| 8       | 13.7           | 29.0           | 57            | 3.5         | 11.2         | 22.2             | 5.36          |
| 9       | 12.5           | 29.2           | 59            | 3.0         | 11.2         | 22.2             | 5.12          |
| 10      | 15.1           | 30.0           | 56            | 2.4         | 11.2         | 22.3             | 5.00          |
| 11      | 13.9           | 30.4           | 53            | 2.2         | 11.2         | 22.3             | 5.04          |
| 12      | 13.7           | 31.4           | 50            | 2.5         | 11.2         | 22.4             | 5.42          |
| 13      | 13.1           | 31.7           | 42            | 2.7         | 11.2         | 22.4             | 5.83          |
| 14      | 14.0           | 32.0           | 50            | 1.8         | 11.2         | 22.5             | 4.96          |
| 15      | 16.4           | 31.6           | 59            | 1.6         | 11.2         | 22.5             | 4.70          |
| 16      | 18.6           | 30.4           | 61            | 1.5         | 11.2         | 22.6             | 4.60          |
| 17      | 18.8           | 31.6           | 54            | 1.8         | 11.2         | 22.6             | 4.99          |
| 18      | 17.1           | 32.6           | 48            | 2.5         | 11.2         | 22.7             | 5.73          |
| 19      | 16.1           | 33.2           | 49            | 2.2         | 11.3         | 22.7             | 5.57          |
| 20      | 16.8           | 32.3           | 48            | 2.9         | 11.3         | 22.8             | 6.03          |
| 21      | 15.8           | 31.8           | 47            | 2.5         | 11.3         | 22.9             | 5.66          |
| 22      | 14.4           | 30.6           | 47            | 3.1         | 11.3         | 22.9             | 5.94          |
| 23      | 13.7           | 30.8           | 49            | 3.2         | 11.3         | 23.0             | 5.98          |
| 24      | 13.3           | 30.7           | 48            | 3.2         | 11.3         | 23.1             | 6.01          |
| 25      | 12.3           | 30.9           | 43            | 2.7         | 11.3         | 23.1             | 5.86          |
| 26      | 12.2           | 31.9           | 36            | 3.0         | 11.3         | 23.2             | 6.44          |
| 27      | 10.8           | 32.0           | 33            | 3.5         | 11.3         | 23.3             | 6.99          |
| 28      | 11.2           | 31.8           | 45            | 3.4         | 11.3         | 23.3             | 6.46          |
| 29      | 11.3           | 31.4           | 48            | 3.4         | 11.3         | 23.4             | 6.28          |
| 30      | 10.9           | 32.1           | 38            | 3.1         | 11.3         | 23.5             | 6.52          |
| 31      | 11.4           | 32.0           | 41            | 3.1         | 11.3         | 23.5             | 6.44          |
| Average | 14.1           | 31.1           | 50            | 2.7         | 11.2         | 22.6             | 5.58          |