



AGROMETEOROLOGICAL BULLETIN

*January 2024
1st 10-day period*

- Temperature
- Relative Humidity
- Soil Temperature
- Sunshine Duration
- Precipitation
- Evaporation
- Growing Degrees
- Reference Evapotranspiration
- Accumulated Rainfall from the beginning of wet period
- Accumulated Reference Evapotranspiration
- Number of dry days



Hellenic National Meteorological Service
Division of Climatology-Applications
El. Venizelou Street 14, 16777
Helliniko, Athens

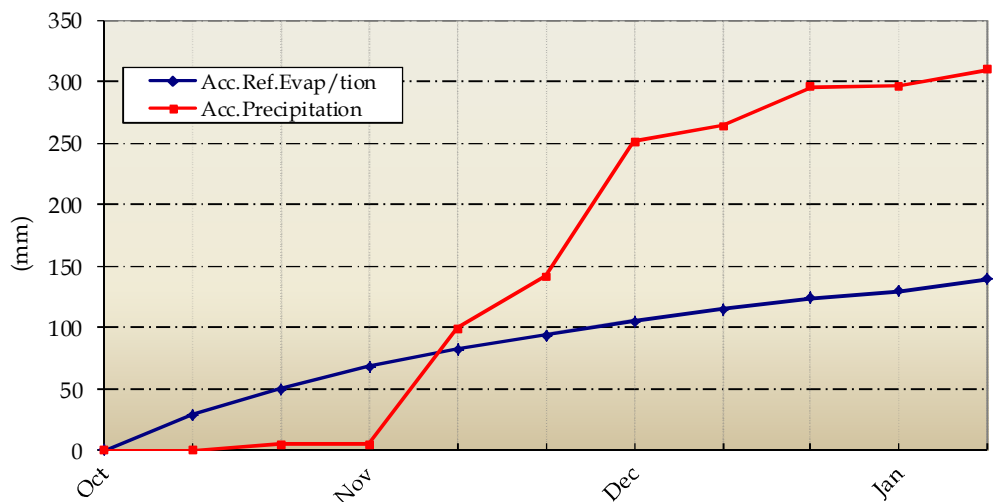
Web adresses of HNMS
www.emy.gr
www.hnms.gr
www.emy.gov.gr
www.meteo.gov.gr
www.meteohellas.gr

Alexandroupoli

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|-------------------------------------|--------|------|------|------|------|------|------|------|------|------|-----|----------------------|------------------------|--------------------------|
| Temperature | Max | 16.6 | 16.4 | 14.6 | 16.4 | 16.6 | 17.0 | 18.0 | 16.6 | 10.4 | 5.0 | 14.8 | 13.4 | 8.8 |
| | Min | 9.0 | 8.4 | 7.0 | 4.8 | 4.0 | 7.0 | 12.0 | 10.4 | -1.0 | 0.6 | 6.2 | 0.7 | 1.4 |
| Relative Humidity | Max | 97 | 98 | 97 | 97 | 97 | 95 | 90 | 90 | 89 | 72 | 92 | 95 | 90 |
| | Min | 74 | 72 | 80 | 60 | 60 | 75 | 65 | 64 | 62 | 39 | 65 | 63 | 62 |
| Soil Temperature at 10 cm | 06 UTC | 10.6 | 10.8 | 10.2 | 8.6 | 9.2 | 10.0 | 12.4 | 12.2 | 9.0 | 4.8 | 9.8 | 7.2 | 5.2 |
| | 12 UTC | 11.8 | 11.6 | 11.2 | 11.4 | 11.6 | 11.6 | 13.6 | 13.8 | 7.4 | 5.6 | 11.0 | 8.6 | 6.3 |
| Sunshine Duration | | 5.2 | 2.4 | 0.0 | 6.7 | 7.3 | 0.0 | 4.9 | 6.5 | 0.0 | 4.5 | 3.8 | 5.6 | 3.5 |
| Precipitation | | | 0.0 | 0.2 | | | | 13.1 | 0.1 | 0.0 | 0.0 | 13.4 | 46.7 | 19.7 |
| Evaporation | | 0.3 | 0.4 | 1.4 | 0.4 | 0.8 | 3.4 | 1.9 | 1.9 | 0.0 | 0.0 | 10.5 | 1.6 | 5.3 |
| Growing Degrees | 5 | 7.8 | 7.4 | 5.8 | 5.6 | 5.3 | 7.0 | 10.0 | 8.5 | 0.0 | 0.0 | 57.4 | 20.7 | 16.8 |
| | 10 | 2.8 | 2.4 | 0.8 | 0.6 | 0.3 | 2.0 | 5.0 | 3.5 | 0.0 | 0.0 | 17.4 | 1.0 | 2.6 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 9.8 | 6.4 | 7.8 |
| Precipitation - Reference Evapotranspiration | 3.6 | 40.3 | 11.9 |
| Number of Rainy Days | 3.0 | 1.0 | 2.4 |
| Number of Dry Days | 12.0 | 25.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

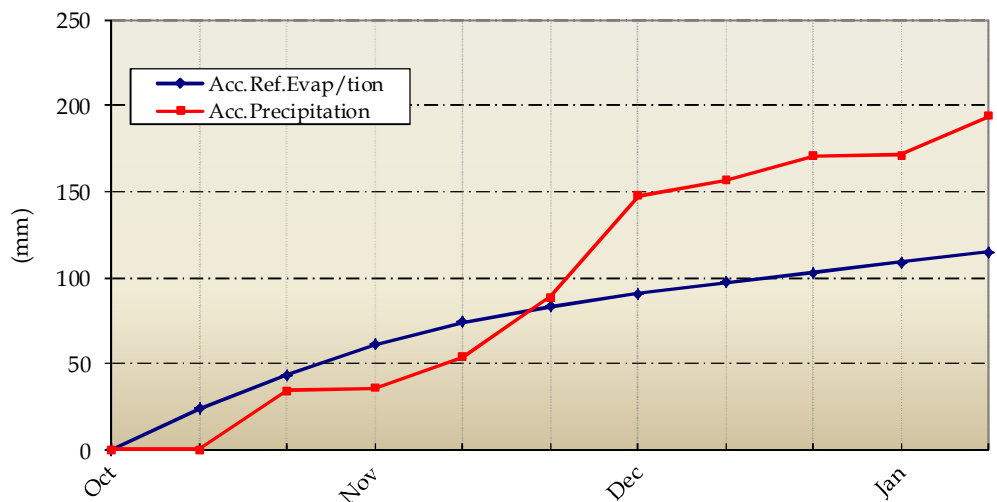


| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|------|------|------|------|------|------|------|------|-------------------|---------------------|-----------------------|
| Temperature | Max | 18.0 | 17.6 | 16.7 | 17.6 | 18.0 | 20.2 | 17.0 | 15.9 | 14.5 | 13.2 | 16.9 | 17.1 | 14.0 |
| | Min | 10.4 | 10.7 | 7.6 | 10.0 | 9.6 | 11.2 | 12.2 | 10.9 | 8.0 | 1.5 | 9.2 | 6.2 | 5.4 |
| Relative Humidity | Max | 99 | 99 | 98 | 99 | 99 | 99 | 82 | 98 | 95 | 96 | 96 | 95 | 90 |
| | Min | 65 | 73 | 74 | 71 | 72 | 53 | 56 | 53 | 61 | 49 | 63 | 64 | 55 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 9.0 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 10.8 |
| Sunshine Duration | | 3.6 | 1.3 | 0.6 | 2.0 | 0.0 | 6.4 | 3.4 | 2.6 | 2.5 | 7.0 | 2.9 | 4.2 | 4.5 |
| Precipitation | | 0.2 | | | | | | 11.1 | 0.1 | 11.2 | | 22.6 | 40.5 | 29.4 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 39.2 |
| Growing Degrees | 5 | 9.2 | 9.2 | 7.2 | 8.8 | 8.8 | 10.7 | 9.6 | 8.4 | 6.3 | 2.4 | 80.4 | 66.5 | 41.6 |
| | 10 | 4.2 | 4.2 | 2.2 | 3.8 | 3.8 | 5.7 | 4.6 | 3.4 | 1.3 | 0.0 | 33.1 | 16.7 | 9.5 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|---------------------|-----------------------|
| Reference Evapotranspiration | 6.1 | 5.9 | 9.2 |
| Precipitation - Reference Evapotranspiration | 16.5 | 34.6 | 20.2 |
| Number of Rainy Days | 4.0 | 1.0 | 3.0 |
| Number of Dry Days | 9.0 | 26.0 | - |

The missing info in the tables are due to the absence of data.

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



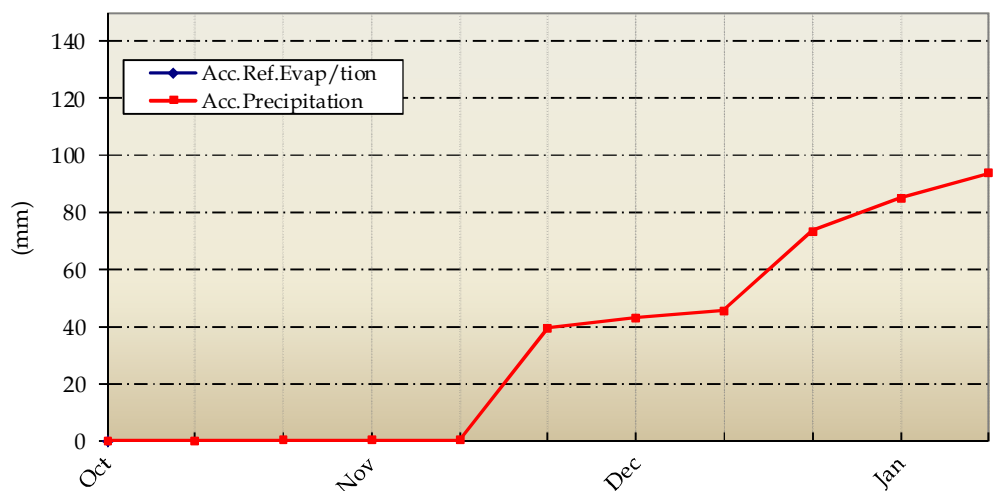
Iraklio

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|------|------|------|------|------|------|------|------|-------------------|---------------------|-----------------------|
| Temperature | Max | 19.4 | 19.4 | 19.4 | 20.6 | 19.0 | 21.0 | 19.4 | 18.8 | 16.8 | 12.2 | 18.6 | 17.0 | 15.4 |
| | Min | 13.6 | 13.2 | 13.0 | 13.4 | 12.8 | 13.0 | 16.6 | 13.8 | 11.8 | 11.6 | 13.3 | 10.0 | 9.2 |
| Relative Humidity | Max | 84 | 86 | 83 | 84 | 89 | 88 | 65 | 95 | 93 | 81 | 85 | 92 | 86 |
| | Min | 57 | 62 | 53 | 55 | 63 | 55 | 53 | 44 | 61 | 65 | 57 | 69 | 60 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunshine Duration | | 3.2 | 3.1 | 8.1 | 9.6 | 8.1 | 7.0 | 4.1 | 2.5 | 3.6 | 1.7 | 5.1 | 5.2 | 3.6 |
| Precipitation | | | | | | | | | | 6.2 | 2.7 | 8.9 | 4.6 | 31.8 |
| Evaporation | | 1.0 | 1.8 | 0.4 | 2.7 | 1.6 | 2.7 | 2.7 | 2.6 | 0.0 | 0.8 | 16.3 | 13.7 | 32.4 |
| Growing Degrees | 5 | 11.5 | 11.3 | 11.2 | 12.0 | 10.9 | 12.0 | 13.0 | 11.3 | 9.3 | 6.9 | 109.4 | 84.6 | 64.4 |
| | 10 | 6.5 | 6.3 | 6.2 | 7.0 | 5.9 | 7.0 | 8.0 | 6.3 | 4.3 | 1.9 | 59.4 | 34.6 | 23.4 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|---------------------|-----------------------|
| Reference Evapotranspiration | - | - | - |
| Precipitation - Reference Evapotranspiration | - | - | - |
| Number of Rainy Days | 2.0 | 2.0 | 4.1 |
| Number of Dry Days | 17.0 | 6.0 | - |

The missing info in the tables and the graph are due to the absence of data.

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



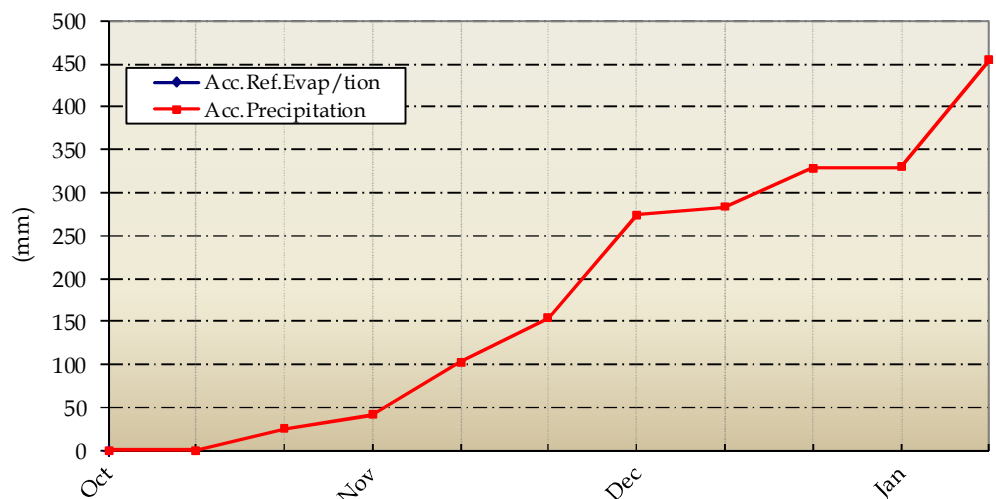
Ioannina

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|-----|------|------|------|------|------|------|------|-------------------|---------------------|-----------------------|
| Temperature | Max | 10.1 | 10.6 | 9.3 | 11.4 | 11.2 | 13.7 | 8.6 | 10.2 | 12.3 | 10.3 | 10.8 | 11.1 | 9.1 |
| | Min | 5.0 | 6.8 | 5.3 | 7.8 | 4.8 | 7.6 | 5.7 | 5.0 | 2.4 | -1.8 | 4.9 | 0.1 | -0.1 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 94 |
| | Min | 91 | 99 | 98 | 83 | 76 | 54 | 98 | 67 | 50 | 51 | 77 | 73 | 61 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 4.1 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 4.5 |
| Sunshine Duration | | 0.0 | 0.4 | 0.0 | 0.0 | 0.9 | 0.3 | 0.0 | 2.1 | 3.7 | 7.3 | 1.5 | 3.2 | 2.9 |
| Precipitation | | 3.6 | 17.3 | 0.1 | 0.2 | | 0.0 | 84.6 | 16.2 | 3.0 | | 125.0 | 40.0 | 28.0 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | |
| Growing Degrees | 5 | 2.6 | 3.7 | 2.3 | 4.6 | 3.0 | 5.7 | 2.2 | 2.6 | 2.4 | 0.0 | 28.9 | 6.7 | 10.0 |
| | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.7 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|-----|---------------------|-----------------------|
| Reference Evapotranspiration | - | - | 15.2 |
| Precipitation - Reference Evapotranspiration | - | - | 12.8 |
| Number of Rainy Days | 7.0 | 2.0 | 2.9 |
| Number of Dry Days | 6.0 | 24.0 | - |

The missing info in the tables and the graph are due to the absence of data.

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



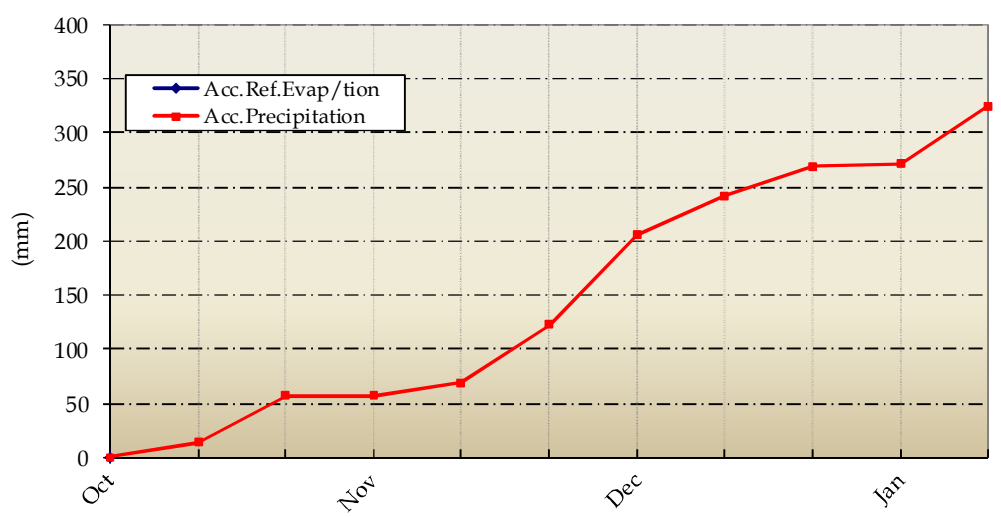
Kalamata

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|------|------|------|------|------|------|------|------|-------------------|---------------------|-----------------------|
| Temperature | Max | 20.3 | 18.1 | 19.2 | 17.5 | 18.9 | 19.4 | 18.0 | 15.7 | 14.0 | 15.8 | 17.7 | 19.1 | 15.1 |
| | Min | 8.6 | 7.8 | 5.9 | 5.8 | 6.5 | 6.6 | 10.4 | 9.7 | 6.1 | 5.0 | 7.2 | 5.5 | 5.3 |
| Relative Humidity | Max | 98 | 97 | 98 | 98 | 98 | 98 | 98 | 97 | 98 | 88 | 97 | 96 | 90 |
| | Min | 54 | 70 | 53 | 72 | 54 | 52 | 59 | 56 | 61 | 35 | 57 | 47 | 52 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 9.8 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 10.7 |
| Sunshine Duration | | 6.8 | 2.1 | 4.9 | 2.5 | 5.9 | 7.1 | 1.8 | 1.8 | 1.1 | 7.2 | 4.1 | 6.7 | 5.0 |
| Precipitation | | | 0.0 | | | | | 34.9 | 12.8 | 5.4 | | 53.1 | 14.5 | 31.7 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 21.9 |
| Growing Degrees | 5 | 9.5 | 8.0 | 7.6 | 6.7 | 7.7 | 8.0 | 9.2 | 7.7 | 5.1 | 5.4 | 74.7 | 73.1 | 48.1 |
| | 10 | 4.5 | 3.0 | 2.6 | 1.7 | 2.7 | 3.0 | 4.2 | 2.7 | 0.1 | 0.4 | 24.7 | 23.1 | 10.6 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|---------------------|-----------------------|
| Reference Evapotranspiration | - | - | 9.4 |
| Precipitation - Reference Evapotranspiration | - | - | 22.3 |
| Number of Rainy Days | 3.0 | 1.0 | 3.2 |
| Number of Dry Days | 15.0 | 26.0 | - |

The missing info in the tables and the graph are due to the absence of data.

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

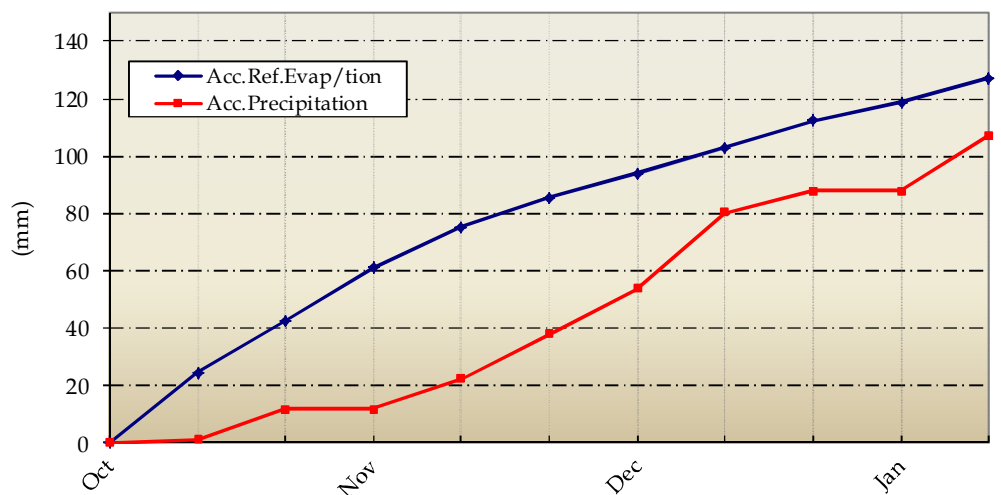


Larisa

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|------|------|------|------|------|------|------|-----|-------------------|---------------------|-----------------------|
| Temperature | Max | 14.6 | 16.2 | 11.5 | 19.0 | 17.2 | 16.4 | 14.4 | 16.8 | 10.2 | 8.8 | 14.5 | 11.1 | 10.0 |
| | Min | 2.2 | 4.6 | 1.0 | 2.5 | 1.4 | 5.2 | 7.0 | 2.7 | 5.0 | 1.2 | 3.3 | 1.1 | 0.2 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 96 | 100 | 100 | 95 |
| | Min | 62 | 67 | 71 | 44 | 46 | 67 | 72 | 40 | 67 | 50 | 59 | 75 | 58 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | 8.1 | 6.0 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | 8.8 | 6.6 |
| Sunshine Duration | | 4.5 | 2.3 | 0.7 | 6.2 | 5.7 | 4.2 | 0.6 | 7.4 | 0.0 | 5.0 | 3.7 | 3.4 | 3.7 |
| Precipitation | | | | | | | | 13.0 | 0.0 | 6.2 | 0.0 | 19.2 | 12.2 | 13.3 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | 5.8 | 8.7 |
| Growing Degrees | 5 | 3.4 | 5.4 | 1.3 | 5.8 | 4.3 | 5.8 | 5.7 | 4.8 | 2.6 | 0.0 | 39.0 | 15.2 | 13.0 |
| | 10 | 0.0 | 0.4 | 0.0 | 0.8 | 0.0 | 0.8 | 0.7 | 0.0 | 0.0 | 0.0 | 2.7 | 0.0 | 1.3 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|---------------------|-----------------------|
| Reference Evapotranspiration | 8.2 | 5.0 | 8.2 |
| Precipitation - Reference Evapotranspiration | 11.0 | 7.2 | 5.1 |
| Number of Rainy Days | 2.0 | 1.0 | 2.2 |
| Number of Dry Days | 21.0 | 21.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



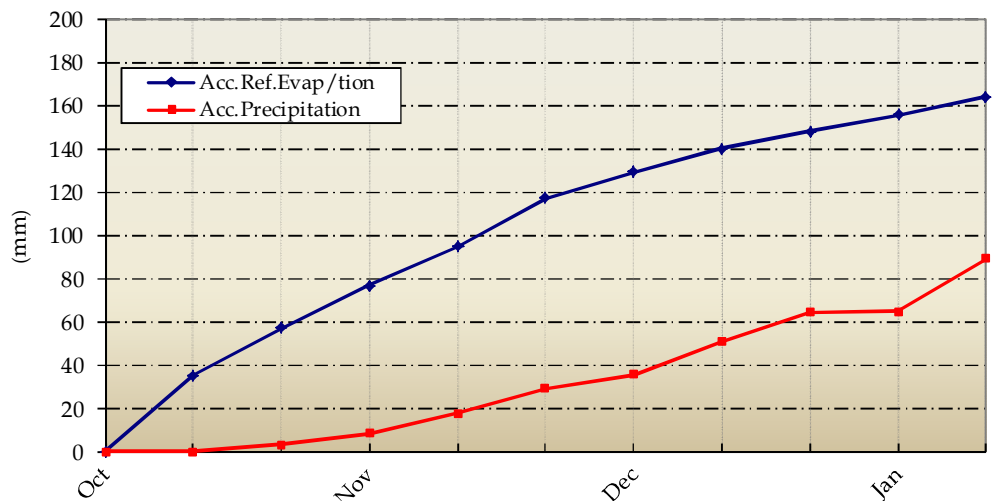
Mikra

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|------|------|------|------|------|------|------|-----|-------------------|---------------------|-----------------------|
| Temperature | Max | 13.9 | 15.9 | 13.8 | 15.8 | 15.4 | 13.6 | 16.7 | 15.8 | 9.4 | 7.2 | 13.8 | 14.6 | 9.5 |
| | Min | 5.4 | 6.4 | 4.0 | 3.8 | 3.5 | 6.1 | 8.2 | 6.5 | 3.3 | 2.2 | 4.9 | 3.9 | 2.0 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 100 | 100 | 100 | 86 |
| | Min | 71 | 60 | 60 | 58 | 48 | 68 | 78 | 50 | 77 | 56 | 63 | 59 | 56 |
| Soil Temperature at 10 cm | 06 UTC | 8.8 | 9.0 | 8.4 | 8.0 | 8.4 | 9.0 | 10.2 | 9.4 | 9.4 | 6.4 | 8.7 | 8.7 | 5.3 |
| | 12 UTC | 10.2 | 10.2 | 9.4 | 11.4 | 11.6 | 10.4 | 10.2 | 10.8 | 8.6 | 7.0 | 10.0 | 10.1 | 6.8 |
| Sunshine Duration | | 6.0 | 3.8 | 0.5 | 7.4 | 5.1 | 1.0 | 0.0 | 7.9 | 0.0 | 2.6 | 3.4 | 6.6 | 4.1 |
| Precipitation | | | 0.0 | | | | | 6.6 | | 16.6 | 1.0 | 24.2 | 17.8 | 9.8 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 12.1 |
| Growing Degrees | 5 | 4.7 | 6.2 | 3.9 | 4.8 | 4.5 | 4.9 | 7.5 | 6.2 | 1.4 | 0.0 | 43.8 | 42.6 | 17.3 |
| | 10 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 1.2 | 0.0 | 0.0 | 4.8 | 2.7 | 2.0 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|---------------------|-----------------------|
| Reference Evapotranspiration | 8.1 | 10.0 | 7.0 |
| Precipitation - Reference Evapotranspiration | 16.1 | 7.8 | 2.8 |
| Number of Rainy Days | 3.0 | 1.0 | 2.2 |
| Number of Dry Days | 15.0 | 20.0 | - |

The missing info in the tables are due to the absence of data.

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



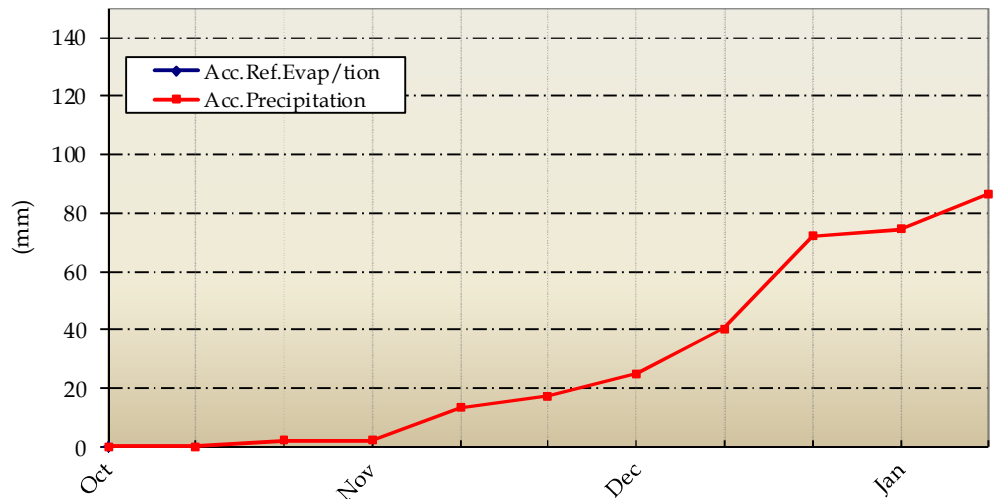
Tanagra

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|------|------|------|------|------|------|------|-----|-------------------|---------------------|-----------------------|
| Temperature | Max | 18.1 | 17.6 | 17.6 | 19.2 | 20.4 | 19.4 | 17.4 | 16.1 | 10.8 | 8.2 | 16.5 | 16.4 | 11.8 |
| | Min | 8.4 | 7.0 | 5.0 | 6.4 | 2.8 | 8.2 | 10.6 | 5.2 | 6.9 | 5.2 | 6.6 | 3.1 | 3.3 |
| Relative Humidity | Max | 96 | 95 | 92 | 91 | 96 | 94 | 75 | 81 | 82 | 81 | 88 | 98 | 92 |
| | Min | 50 | 49 | 41 | 40 | 33 | 50 | 32 | 37 | 70 | 63 | 46 | 46 | 54 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunshine Duration | | 5.6 | 0.2 | 4.1 | 6.8 | 7.2 | 3.7 | 6.1 | 5.4 | 0.4 | 2.0 | 4.2 | 6.6 | 3.4 |
| Precipitation | | | | | | | | 6.7 | | 3.4 | 2.0 | 12.1 | 0.0 | 13.1 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 19.5 |
| Growing Degrees | 5 | 8.3 | 7.3 | 6.3 | 7.8 | 6.6 | 8.8 | 9.0 | 5.7 | 3.9 | 1.7 | 65.3 | 48.0 | 28.5 |
| | 10 | 3.3 | 2.3 | 1.3 | 2.8 | 1.6 | 3.8 | 4.0 | 0.7 | 0.0 | 0.0 | 19.7 | 2.2 | 5.0 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|---------------------|-----------------------|
| Reference Evapotranspiration | - | - | - |
| Precipitation - Reference Evapotranspiration | - | - | - |
| Number of Rainy Days | 3.0 | 0.0 | 2.8 |
| Number of Dry Days | 16.0 | 27.0 | - |

The missing info in the tables and the graph are due to the absence of data.

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



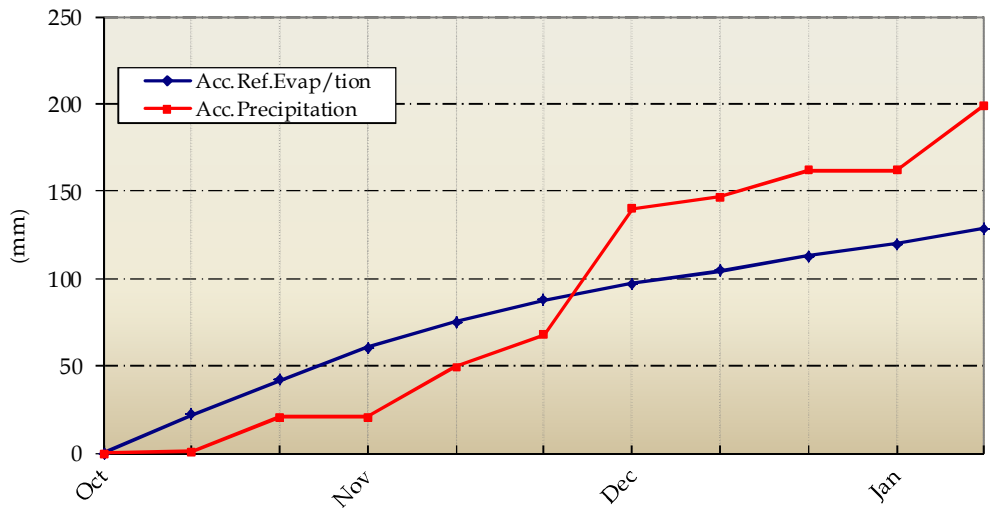
Tripoli

| 1st 10-day period (1-10/01/2024) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|----------------------------------|--------|------|------|------|------|------|------|------|------|-----|-----|-------------------|---------------------|-----------------------|
| Temperature | Max | 16.2 | 14.1 | 13.3 | 13.0 | 17.4 | 15.3 | 10.5 | 10.0 | 8.9 | 8.5 | 12.7 | 14.6 | 10.1 |
| | Min | 4.3 | 6.8 | 3.3 | 8.4 | 0.8 | 1.8 | 7.3 | 5.8 | 1.8 | 0.3 | 4.1 | -2.5 | -0.3 |
| Relative Humidity | Max | 97 | 91 | 93 | 93 | 98 | 96 | 96 | 97 | 99 | 89 | 95 | 100 | 95 |
| | Min | 49 | 58 | 51 | 63 | 42 | 58 | 66 | 71 | 63 | 50 | 57 | 42 | 57 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 4.7 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 5.8 |
| Sunshine Duration | | 5.6 | 5.3 | 4.0 | 1.3 | 6.5 | - | 0.9 | 0.6 | 1.9 | 5.0 | 3.5 | 6.1 | 4.0 |
| Precipitation | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 35.3 | 1.5 | | 37.1 | 37.1 | 21.0 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 5.5 |
| Growing Degrees | 5 | 5.3 | 5.5 | 3.3 | 5.7 | 4.1 | 3.6 | 3.9 | 2.9 | 0.4 | 0.0 | 34.5 | 10.4 | 11.9 |
| | 10 | 0.3 | 0.5 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.9 |

| 1st 10-day period (1-10/01/2024) | | Previous Year Value | Past Years Mean Value |
|--|------|---------------------|-----------------------|
| Reference Evapotranspiration | 8.9 | 5.6 | 5.4 |
| Precipitation - Reference Evapotranspiration | 28.2 | 31.5 | 15.6 |
| Number of Rainy Days | 3.0 | 1.0 | 2.6 |
| Number of Dry Days | 21.0 | 22.0 | - |

The missing info in the tables are due to the absence of data.

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration





◆ **List of Symbols and Abbreviations**

Reference Evapotranspiration ETo (mm):

Calculated by the FAO Penman-Montieth equation

$$ET_0 = \frac{0.408 * \Delta * (R_n - G) + \gamma * \frac{900}{T + 273} * u_2 * (e_s - e_a)}{\Delta + \gamma * (1 + 0.34 * u_2)}$$

using 10-day step.

R_n is estimated from sunshine measurements and G assumed to be zero.

Growing Degrees: Degrees with mean temperature exceeding the base of 5 or 10 °C.

Number of Rainy Days: Number of days with precipitation of at least 0.1 mm.

Number of Dry Days: Number of dry days recorded since the last rainy day.

Past Years Mean Values 1991-2020 (Evaporation, Reference Evapotranspiration, Max and Min Relative Humidity 2005-2020)

Measurements Units

- ◆ Temperature : °C
- ◆ Relative Humidity : %
- ◆ Soil Temperature : °C
- ◆ Sunshine Duration : Hours
- ◆ Precipitation : mm
- ◆ Evaporation (Pan) : mm
- ◆ Growing Degrees : °C

UTC (Universal Time coordinates) in Greece

- ◆ Winter : Time(UTC) = Local time - 2
- ◆ Summer : Time(UTC) = Local time - 3

© HELLENIC NATIONAL METEOROLOGICAL SERVICE

Reproduction is prohibited without written permission

El. Venizelou street 14, Zip Code 16777

Helliniko, Athens