



AGROMETEOROLOGICAL BULLETIN

May 2023
2nd 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



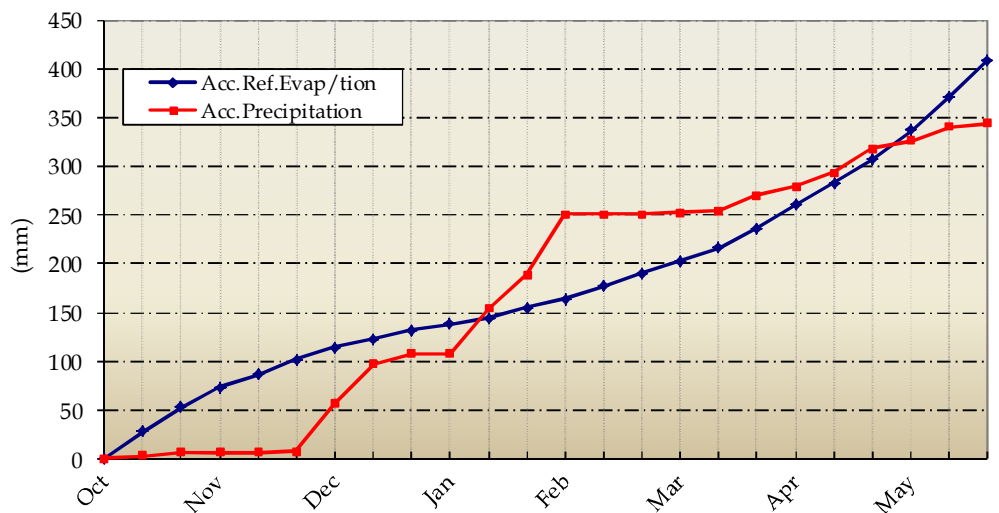
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www.hnms.gr
www.emy.gov.gr
www.meteo.gov.gr
www.meteohellas.gr

| 2nd 10-day period (11-20/05/2023) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 18.0 | 20.0 | 21.2 | 21.0 | 26.6 | 27.8 | 24.2 | 19.4 | 25.0 | 24.6 | 22.8 | 25.0 | 23.6 |
| | Min | 9.6 | 10.4 | 4.6 | 8.8 | 11.6 | 13.2 | 15.2 | 12.4 | 13.0 | 12.4 | 11.1 | 10.5 | 12.5 |
| Relative Humidity | Max | 82 | 82 | 90 | 88 | 88 | 91 | 91 | 91 | 89 | 86 | 88 | 87 | 88 |
| | Min | 40 | 40 | 33 | 56 | 37 | 40 | 59 | 59 | 40 | 43 | 45 | 41 | 46 |
| Soil Temperature at 10 cm | 06 UTC | 14.4 | 14.6 | 15.0 | 16.6 | 16.7 | 18.2 | 19.0 | 17.6 | 17.2 | 17.4 | 16.7 | 18.9 | 18.7 |
| | 12 UTC | 16.4 | 18.0 | 18.8 | 19.0 | 20.3 | 21.0 | 20.6 | 20.0 | 20.4 | 20.0 | 19.4 | 21.9 | 22.6 |
| Sunshine Duration | | 8.0 | 9.2 | 12.3 | 3.2 | 9.0 | 1.5 | 3.6 | 2.4 | 8.8 | 10.3 | 6.8 | 11.2 | 9.5 |
| Precipitation | | | | | 0.1 | | | 0.4 | 0.4 | 2.6 | 0.2 | 3.7 | 19.2 | 6.5 |
| Evaporation | | 7.3 | 5.0 | 4.0 | 5.1 | 4.7 | 4.3 | 2.7 | 3.7 | 4.1 | 5.0 | 45.9 | 64.3 | 63.7 |
| Growing Degrees | 5 | 8.8 | 10.2 | 7.9 | 9.9 | 14.1 | 15.5 | 14.7 | 10.9 | 14.0 | 13.5 | 119.5 | 127.1 | 111.7 |
| | 10 | 3.8 | 5.2 | 2.9 | 4.9 | 9.1 | 10.5 | 9.7 | 5.9 | 9.0 | 8.5 | 69.5 | 77.1 | 68.9 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-------|------------------------|--------------------------|
| Reference Evapotranspiration | 37.0 | 44.3 | 29.7 |
| Precipitation - Reference Evapotranspiration | -33.3 | -25.1 | -23.2 |
| Number of Rainy Days | 5.0 | 2.0 | 1.6 |
| Number of Dry Days | 4.0 | 12.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

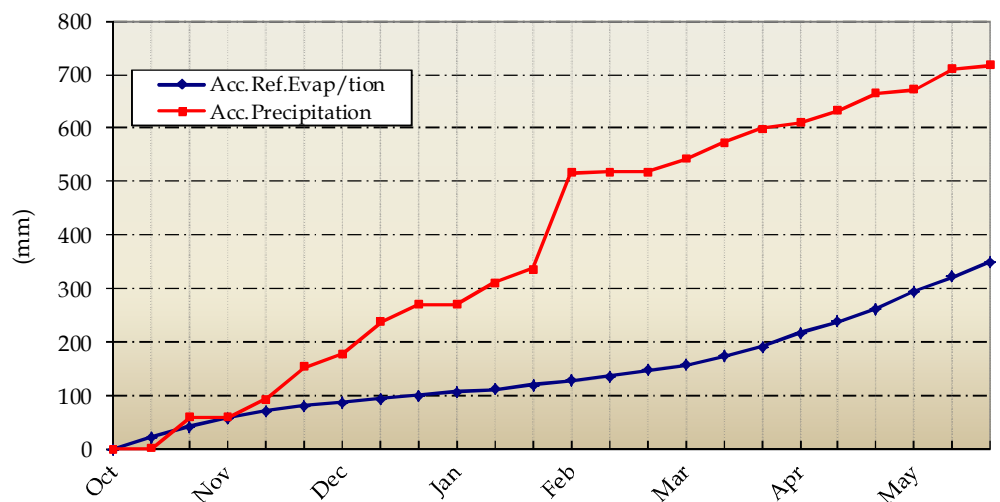


| 2nd 10-day period (11-20/05/2023) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 20.0 | 21.6 | 20.2 | 27.5 | 31.1 | 22.0 | 21.6 | 22.4 | 24.6 | 24.6 | 23.6 | 25.5 | 24.7 |
| | Min | 12.8 | 9.1 | 11.8 | 12.6 | 13.6 | 16.6 | 13.2 | 12.5 | 12.2 | 14.3 | 12.9 | 13.1 | 13.4 |
| Relative Humidity | Max | 97 | 98 | 98 | 98 | 93 | 97 | 98 | 98 | 97 | 97 | 97 | 94 | 91 |
| | Min | 64 | 58 | 59 | 44 | 28 | 63 | 67 | 56 | 52 | 47 | 54 | 46 | 39 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 20.3 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 25.2 |
| Sunshine Duration | | 0.0 | 8.2 | 0.3 | 4.6 | 5.6 | 3.0 | 5.7 | 8.5 | 8.2 | 2.1 | 4.6 | 11.4 | 9.4 |
| Precipitation | | | | | | | 3.5 | 3.0 | | | | 6.5 | | 6.5 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 60.6 |
| Growing Degrees | 5 | 11.4 | 10.4 | 11.0 | 15.1 | 17.4 | 14.3 | 12.4 | 12.5 | 13.4 | 14.5 | 132.2 | 142.9 | 113.5 |
| | 10 | 6.4 | 5.4 | 6.0 | 10.1 | 12.4 | 9.3 | 7.4 | 7.5 | 8.4 | 9.5 | 82.2 | 92.9 | 73.4 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-------|------------------------|--------------------------|
| Reference Evapotranspiration | 28.1 | 42.1 | 41.1 |
| Precipitation - Reference Evapotranspiration | -21.6 | -42.1 | -34.6 |
| Number of Rainy Days | 2.0 | 0.0 | 1.2 |
| Number of Dry Days | 10.0 | 18.0 | - |

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

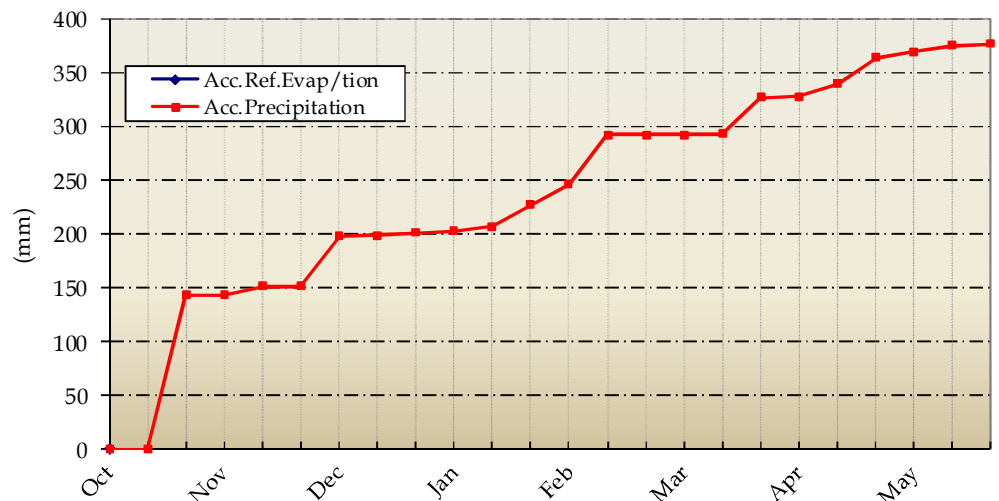


| 2nd 10-day period (11-20/05/2023) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 18.2 | 19.6 | 20.2 | 22.4 | 23.8 | 28.8 | 22.2 | 21.8 | 21.8 | 22.6 | 22.1 | 22.6 | 24.3 |
| | Min | 15.4 | 15.6 | 14.0 | 12.6 | 14.2 | 20.6 | 14.8 | 14.8 | 14.0 | 13.8 | 15.0 | 14.5 | 15.7 |
| Relative Humidity | Max | 86 | 85 | 85 | 75 | 77 | 90 | 89 | 79 | 85 | 84 | 84 | 85 | 84 |
| | Min | 72 | 60 | 53 | 45 | 26 | 21 | 48 | 55 | 62 | 51 | 49 | 53 | 49 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunshine Duration | | 0.0 | 12.8 | 12.2 | 9.1 | 9.7 | 1.8 | 11.4 | 12.8 | 12.6 | 6.5 | 8.9 | 10.9 | 10.2 |
| Precipitation | | 1.1 | | | | | 0.0 | 0.0 | | | | 1.1 | | 2.8 |
| Evaporation | | 2.6 | 4.5 | 3.9 | 3.2 | 6.3 | 2.6 | 4.5 | 6.9 | 3.0 | 8.8 | 46.3 | 43.4 | 52.2 |
| Growing Degrees | 5 | 11.8 | 12.6 | 12.1 | 12.5 | 14.0 | 19.7 | 13.5 | 13.3 | 12.9 | 13.2 | 135.6 | 135.3 | 135.3 |
| | 10 | 6.8 | 7.6 | 7.1 | 7.5 | 9.0 | 14.7 | 8.5 | 8.3 | 7.9 | 8.2 | 85.6 | 85.3 | 90.3 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-----|------------------------|--------------------------|
| Reference Evapotranspiration | - | - | |
| Precipitation - Reference Evapotranspiration | - | - | |
| Number of Rainy Days | 1.0 | 0.0 | 0.8 |
| Number of Dry Days | 0.0 | 18.0 | - |

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

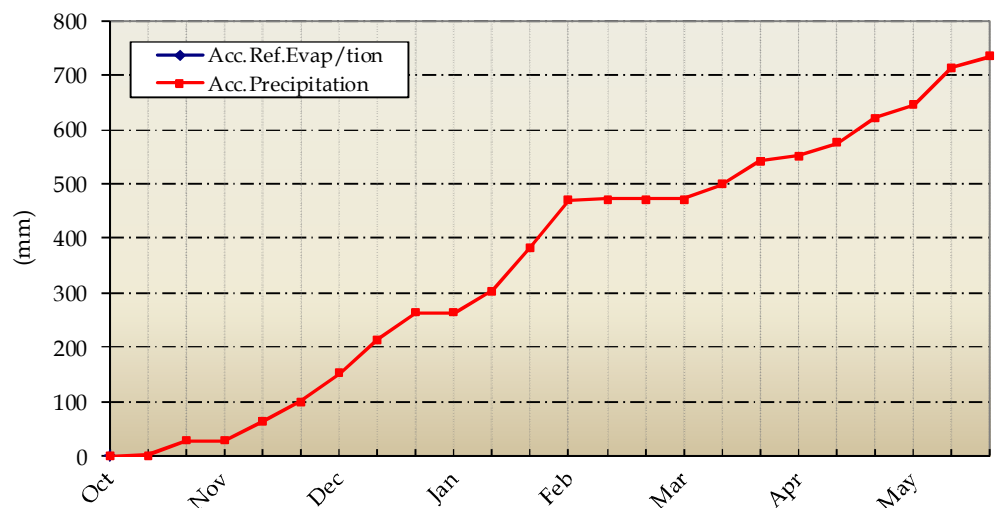


| 2nd 10-day period (11-20/05/2023) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 16.0 | 20.2 | 19.2 | 21.6 | 26.2 | 19.2 | 17.0 | 21.9 | 24.7 | 23.5 | 21.0 | 26.0 | 23.6 |
| | Min | 9.1 | 10.8 | 4.7 | 12.2 | 16.3 | 14.9 | 9.6 | 9.4 | 9.5 | 11.4 | 10.8 | 8.8 | 10.4 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 88 | 100 | 100 | 100 | 100 | 100 | 99 | 97 | 92 |
| | Min | 70 | 61 | 55 | 51 | 30 | 56 | 55 | 49 | 38 | 29 | 49 | 33 | 43 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 15.7 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 17.9 |
| Sunshine Duration | | 0.0 | 4.4 | 3.3 | 0.1 | 4.1 | 2.3 | 1.4 | 8.7 | 9.0 | 4.7 | 3.8 | 8.4 | 7.5 |
| Precipitation | | 6.9 | 0.2 | 0.5 | 3.2 | | 6.1 | 3.6 | 0.4 | | 0.0 | 20.9 | 7.1 | 16.9 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | |
| Growing Degrees | 5 | 7.6 | 10.5 | 7.0 | 11.9 | 16.3 | 12.1 | 8.3 | 10.7 | 12.1 | 12.5 | 108.7 | 123.8 | 97.2 |
| | 10 | 2.6 | 5.5 | 2.0 | 6.9 | 11.3 | 7.1 | 3.3 | 5.7 | 7.1 | 7.5 | 58.7 | 73.8 | 57.2 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-----|------------------------|--------------------------|
| Reference Evapotranspiration | - | - | 41.9 |
| Precipitation - Reference Evapotranspiration | - | - | -25.0 |
| Number of Rainy Days | 7.0 | 4.0 | 2.6 |
| Number of Dry Days | 0.0 | 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

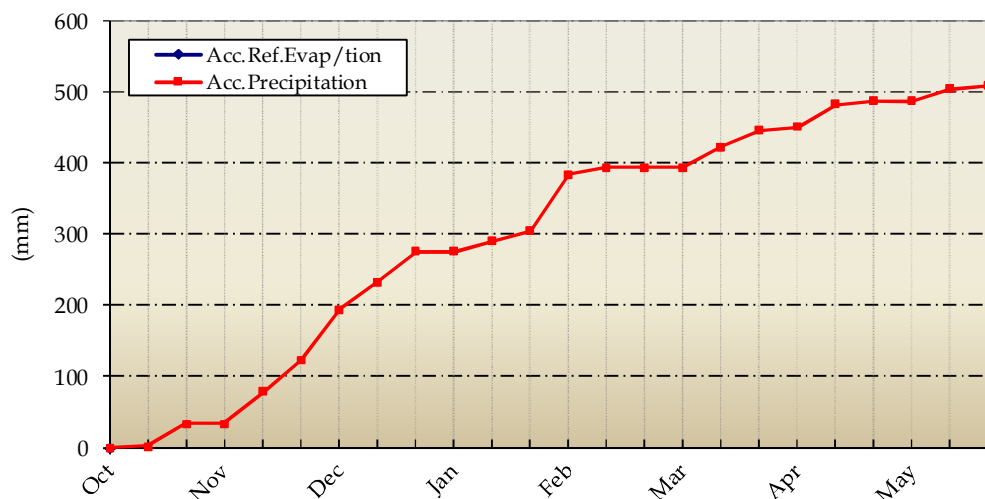


| 2nd 10-day period (11-20/05/2023) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 21.5 | 22.6 | 22.1 | 27.5 | 29.9 | 23.3 | 24.3 | 26.7 | 24.4 | 26.9 | 24.9 | 25.5 | 25.1 |
| | Min | 14.6 | 11.2 | 9.9 | 12.1 | 13.9 | 17.6 | 11.4 | 11.6 | 13.1 | 13.0 | 12.8 | 12.0 | 12.5 |
| Relative Humidity | Max | 95 | 97 | 97 | 96 | 77 | 93 | 95 | 96 | 94 | 96 | 94 | 94 | 90 |
| | Min | 63 | 56 | 57 | 41 | 32 | 62 | 50 | 30 | 49 | 31 | 47 | 39 | 39 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | 20.2 | 18.9 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | 22.7 | 21.7 |
| Sunshine Duration | | 0.0 | 8.6 | 5.0 | 10.0 | 10.0 | 9.3 | 9.2 | 12.4 | 11.9 | 1.5 | 7.8 | 11.2 | 9.4 |
| Precipitation | | 1.9 | | 0.0 | | | 0.9 | 0.8 | | | 1.0 | 4.6 | 1.4 | 6.9 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 55.2 |
| Growing Degrees | 5 | 13.1 | 11.9 | 11.0 | 14.8 | 16.9 | 15.5 | 12.9 | 14.2 | 13.8 | 15.0 | 138.8 | 137.4 | 119.2 |
| | 10 | 8.1 | 6.9 | 6.0 | 9.8 | 11.9 | 10.5 | 7.9 | 9.2 | 8.8 | 10.0 | 88.8 | 87.4 | 76.2 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-----|------------------------|--------------------------|
| Reference Evapotranspiration | - | - | 49.9 |
| Precipitation - Reference Evapotranspiration | - | - | -43.0 |
| Number of Rainy Days | 4.0 | 1.0 | 1.8 |
| Number of Dry Days | 4.0 | 9.0 | - |

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

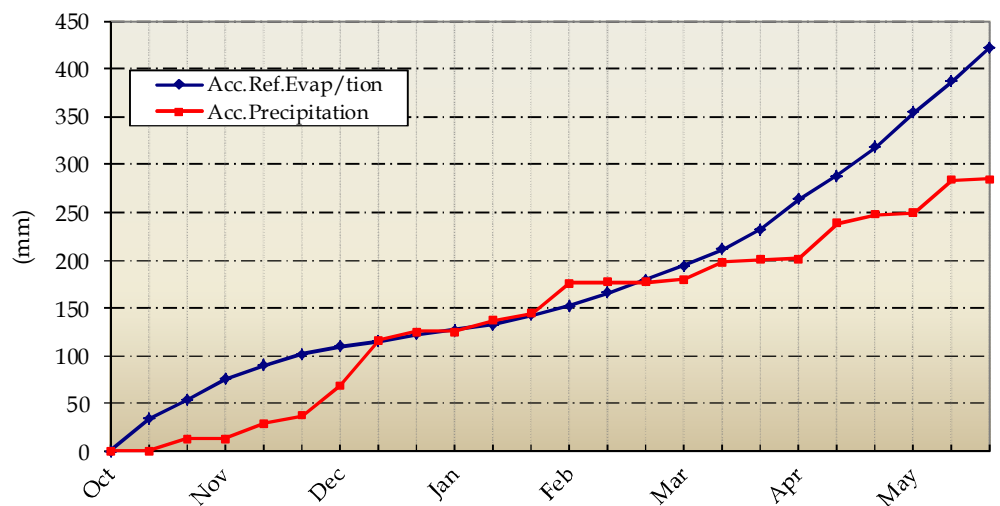


Larisa

| 2nd 10-day period (11-20/05/2023) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 15.3 | 19.8 | 22.0 | 21.6 | 22.6 | 19.8 | 26.4 | 25.6 | 24.6 | 26.6 | 22.4 | 28.4 | 26.7 |
| | Min | 11.6 | 11.8 | 9.6 | 12.2 | 12.0 | 12.4 | 8.0 | 10.0 | 14.0 | 9.6 | 11.1 | 11.2 | 12.1 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 91 | 89 |
| | Min | 80 | 55 | 44 | 49 | 50 | 59 | 28 | 37 | 32 | 30 | 46 | 29 | 31 |
| Soil Temperature at 10 cm | 06 UTC | 17.2 | 17.0 | 16.4 | 17.4 | 18.4 | 18.0 | 18.0 | 18.4 | 20.6 | 20.4 | 18.2 | 19.7 | 18.7 |
| | 12 UTC | 18.6 | 19.4 | 18.6 | 18.8 | 19.0 | 19.2 | 19.4 | 20.4 | 20.4 | 21.2 | 19.5 | 21.3 | 20.3 |
| Sunshine Duration | | 0.8 | 8.3 | 7.8 | 2.9 | 4.6 | 0.4 | 11.6 | 7.6 | 8.2 | 6.6 | 5.9 | 9.7 | 8.5 |
| Precipitation | | 0.1 | | | 0.6 | | 0.2 | | 0.0 | 0.1 | | 1.0 | 1.4 | 8.4 |
| Evaporation | | 1.3 | 2.4 | 4.7 | 2.8 | 5.7 | 3.2 | 5.1 | 6.9 | 7.4 | 0.6 | 40.1 | 81.1 | 74.5 |
| Growing Degrees | 5 | 8.5 | 10.8 | 10.8 | 11.9 | 12.3 | 11.1 | 12.2 | 12.8 | 14.3 | 13.1 | 117.8 | 147.9 | 127.7 |
| | 10 | 3.5 | 5.8 | 5.8 | 6.9 | 7.3 | 6.1 | 7.2 | 7.8 | 9.3 | 8.1 | 67.8 | 97.9 | 83.7 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-------|------------------------|--------------------------|
| Reference Evapotranspiration | 34.7 | 48.3 | 50.6 |
| Precipitation - Reference Evapotranspiration | -33.7 | -46.9 | -42.2 |
| Number of Rainy Days | 4.0 | 2.0 | 1.9 |
| Number of Dry Days | 0.0 | 9.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



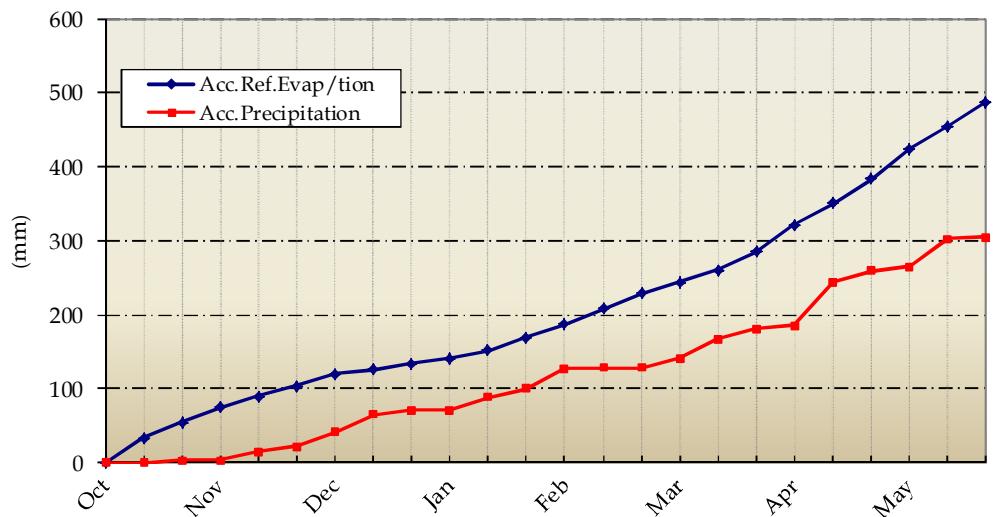
Mikra

| 2nd 10-day period (11-20/05/2023) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 16.8 | 18.6 | 20.0 | 19.6 | 20.0 | 19.6 | 25.3 | 23.6 | 24.9 | 26.2 | 21.5 | 27.2 | 25.1 |
| | Min | 10.6 | 12.4 | 12.8 | 13.8 | 13.5 | 12.6 | 13.1 | 12.6 | 15.0 | 13.1 | 13.0 | 12.7 | 13.8 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 96 | 94 | 99 | 88 | 84 |
| | Min | 59 | 62 | 53 | 48 | 49 | 68 | 49 | 49 | 48 | 33 | 52 | 33 | 38 |
| Soil Temperature at 10 cm | 06 UTC | 16.0 | 16.2 | 16.4 | 17.5 | 17.2 | 17.2 | 17.2 | 18.0 | 18.2 | 18.0 | 17.2 | 19.8 | 19.8 |
| | 12 UTC | 18.3 | 17.2 | 17.4 | 18.0 | 18.2 | 18.2 | 19.6 | 19.2 | 19.8 | 20.0 | 18.6 | 23.4 | 24.8 |
| Sunshine Duration | | 0.5 | 3.3 | 10.6 | 3.3 | 3.2 | 0.7 | 9.7 | 6.7 | 6.0 | 10.4 | 5.4 | 12.1 | 8.8 |
| Precipitation | | 0.0 | 0.3 | | 1.9 | | 0.4 | | | 0.0 | | 2.6 | 0.4 | 10.0 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 61.0 |
| Growing Degrees | 5 | 8.7 | 10.5 | 11.4 | 11.7 | 11.8 | 11.1 | 14.2 | 13.1 | 15.0 | 14.7 | 122.1 | 149.6 | 128.0 |
| | 10 | 3.7 | 5.5 | 6.4 | 6.7 | 6.8 | 6.1 | 9.2 | 8.1 | 10.0 | 9.7 | 72.1 | 99.6 | 84.0 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-------|------------------------|--------------------------|
| Reference Evapotranspiration | 32.7 | 55.9 | 38.1 |
| Precipitation - Reference Evapotranspiration | -30.1 | -55.5 | -28.1 |
| Number of Rainy Days | 3.0 | 2.0 | 2.1 |
| Number of Dry Days | 1.0 | 9.0 | - |

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

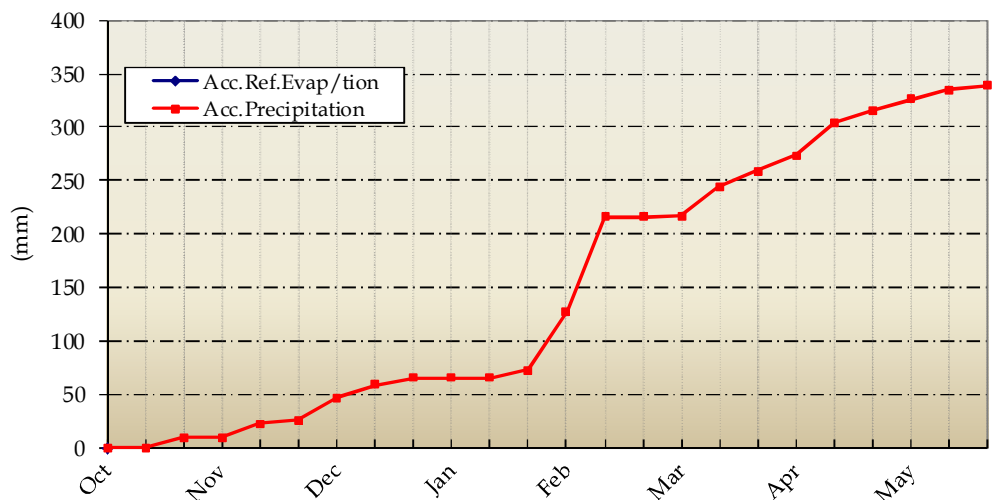


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|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 17.0 | 19.7 | 20.8 | 22.7 | 22.5 | 23.5 | 26.0 | 25.6 | 23.4 | 24.5 | 22.6 | 26.3 | 25.4 |
| | Min | 9.4 | 8.5 | 8.0 | 10.0 | 10.6 | 12.8 | 11.8 | 10.9 | 14.8 | 11.4 | 10.8 | 11.1 | 12.4 |
| Relative Humidity | Max | 95 | 95 | 93 | 94 | 93 | 95 | 94 | 98 | 98 | 76 | 93 | 82 | 85 |
| | Min | 50 | 45 | 42 | 36 | 45 | 49 | 26 | 31 | 31 | 31 | 39 | 27 | 32 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunshine Duration | | 0.4 | 6.0 | 10.7 | 8.1 | 2.1 | 2.5 | 11.9 | 10.2 | 12.1 | 9.1 | 7.3 | 11.1 | 9.0 |
| Precipitation | | 0.0 | | | | | 0.0 | | | 4.0 | | 4.0 | 11.0 | 7.7 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 59.9 |
| Growing Degrees | 5 | 8.2 | 9.1 | 9.4 | 11.4 | 11.6 | 13.2 | 13.9 | 13.3 | 14.1 | 13.0 | 117.0 | 136.9 | 119.1 |
| | 10 | 3.2 | 4.1 | 4.4 | 6.4 | 6.6 | 8.2 | 8.9 | 8.3 | 9.1 | 8.0 | 67.0 | 86.9 | 76.6 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-----|------------------------|--------------------------|
| Reference Evapotranspiration | - | - | |
| Precipitation - Reference Evapotranspiration | - | - | |
| Number of Rainy Days | 1.0 | 1.0 | 1.3 |
| Number of Dry Days | 8.0 | 14.0 | - |

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

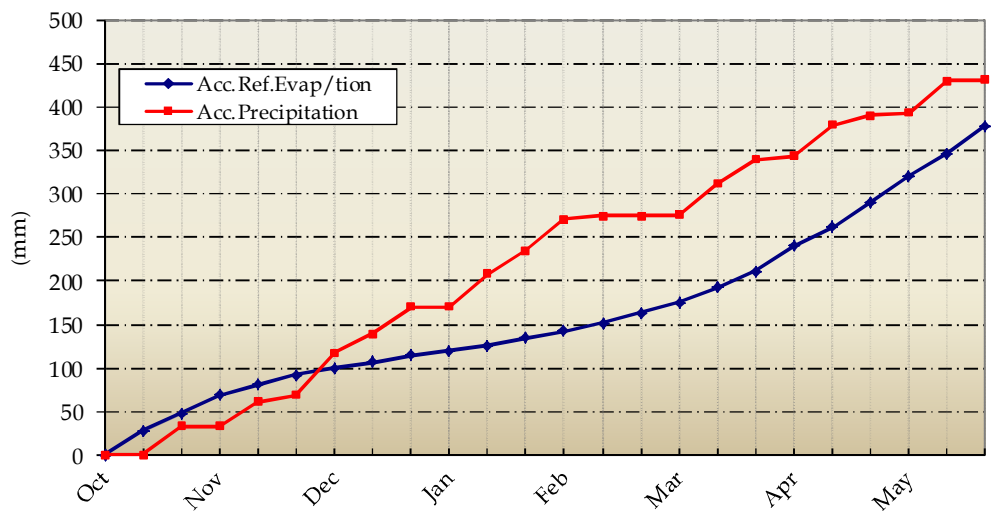


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|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 16.0 | 21.0 | 21.2 | 25.2 | 26.6 | 20.0 | 20.6 | 22.3 | 21.4 | 19.8 | 21.4 | 23.9 | 23.9 |
| | Min | 10.3 | 7.6 | 6.3 | 7.6 | 8.1 | 12.0 | 4.5 | 6.9 | 6.4 | 12.7 | 8.2 | 7.4 | 8.6 |
| Relative Humidity | Max | 98 | 99 | 99 | 98 | 96 | 95 | 96 | 96 | 96 | 93 | 97 | 92 | 87 |
| | Min | 60 | 39 | 37 | 38 | 29 | 52 | 33 | 36 | 36 | 35 | 40 | 25 | 31 |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 17.5 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 21.7 |
| Sunshine Duration | | 0.0 | 8.0 | 4.0 | 9.8 | 5.0 | 1.8 | 11.4 | 11.4 | 6.8 | 4.1 | 6.2 | 9.6 | 9.0 |
| Precipitation | | 0.9 | | | | | 0.0 | | | | 0.3 | 1.2 | 45.4 | 11.6 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 40.5 |
| Growing Degrees | 5 | 8.2 | 9.3 | 8.8 | 11.4 | 12.4 | 11.0 | 7.6 | 9.6 | 8.9 | 11.3 | 98.3 | 106.6 | 96.9 |
| | 10 | 3.2 | 4.3 | 3.8 | 6.4 | 7.4 | 6.0 | 2.6 | 4.6 | 3.9 | 6.3 | 48.3 | 56.6 | 54.6 |

| 2nd 10-day period (11-20/05/2023) | | Previous Year Value | Past Years Mean Value |
|--|-------|------------------------|--------------------------|
| Reference Evapotranspiration | 32.1 | 41.0 | 36.8 |
| Precipitation - Reference Evapotranspiration | -30.9 | 4.4 | -25.2 |
| Number of Rainy Days | 2.0 | 3.0 | 2.2 |
| Number of Dry Days | 0.0 | 9.0 | - |

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)

Mesurements 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

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