



AGROMETEOROLOGICAL BULLETIN

March 2016
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



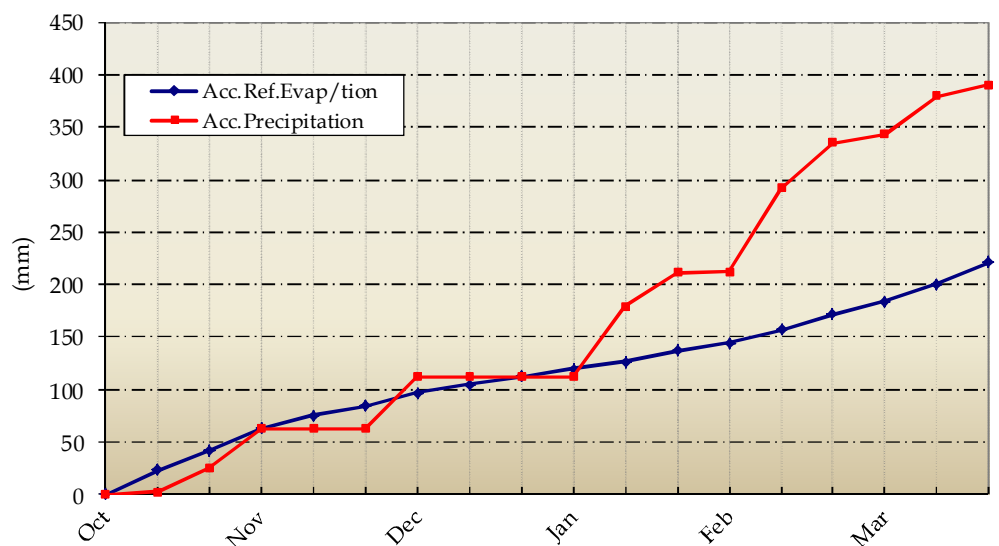
Hellenic National Meteorological Service
Division of Climatology-Applications
El. Venizelou Street 14, 16777
Helliniko, Athens

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

| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 16.4 | 16.8 | 12.0 | 10.6 | 10.4 | 11.0 | 12.2 | 13.4 | 15.6 | 14.4 | 13.3 | 11.4 | 11.6 |
| | Min | 6.0 | 4.0 | 9.0 | 4.2 | 1.0 | 4.6 | 4.8 | 0.0 | 8.2 | 7.4 | 4.9 | 3.3 | 2.9 |
| Relative Humidity | Max | 97 | 93 | 84 | 85 | 69 | 70 | 90 | 89 | 88 | 85 | 85 | 89 | - |
| | Min | 62 | 53 | 73 | 54 | 36 | 34 | 26 | 55 | 57 | 54 | 50 | 48 | - |
| Soil Temperature at 10 cm | 06 UTC | 9.4 | 9.2 | 10.6 | 9.4 | 5.2 | 6.6 | 7.4 | 6.6 | 10.2 | 10.6 | 8.5 | 6.6 | 6.6 |
| | 12 UTC | 13.6 | 14.4 | 11.2 | 8.4 | 9.0 | 10.0 | 11.8 | 13.0 | 15.0 | 15.0 | 12.1 | 10.3 | 8.9 |
| Sunshine Duration | | 10.2 | 6.0 | 0.0 | 0.0 | 3.8 | 5.6 | 8.3 | 8.9 | 7.3 | 8.4 | 5.8 | 5.9 | 4.9 |
| Precipitation | | | 2.5 | 1.6 | 6.8 | | | | | | | 10.9 | 3.3 | 14.4 |
| Evaporation | | 2.8 | 2.8 | 1.1 | 2.0 | 2.9 | 4.1 | 2.1 | 3.9 | 2.2 | 4.3 | 28.2 | 10.4 | 21.8 |
| Growing Degrees | 5 | 6.2 | 5.4 | 5.5 | 2.4 | 0.7 | 2.8 | 3.5 | 1.7 | 6.9 | 5.9 | 41.0 | 24.7 | 27.0 |
| | 10 | 1.2 | 0.4 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.9 | 4.9 | 0.0 | 3.4 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 20.5 | 18.4 | 18.1 |
| Precipitation - Reference Evapotranspiration | -9.6 | -15.1 | -3.7 |
| Number of Rainy Days | 3.0 | 4.0 | 2.2 |
| Number of Dry Days | 1.0 | 2.0 | - |

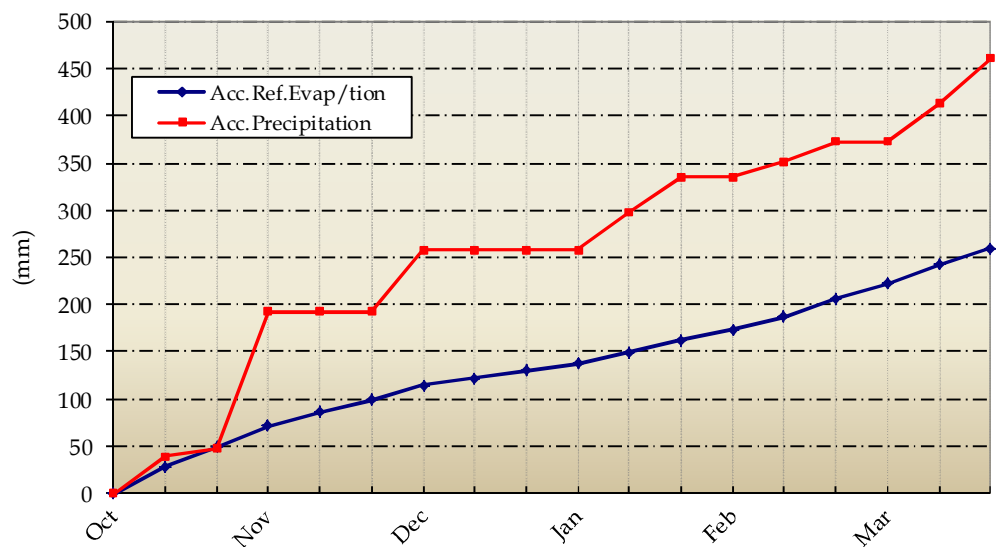
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 17.7 | 18.0 | 18.1 | 14.2 | 16.1 | 16.2 | 15.1 | 11.4 | 16.6 | 17.8 | 16.1 | 15.3 | 15.7 |
| | Min | 7.4 | 8.0 | 9.2 | 9.8 | 8.8 | 5.5 | 6.3 | 8.4 | 7.6 | 7.5 | 7.8 | 6.5 | 6.3 |
| Relative Humidity | Max | 87 | 89 | 90 | 88 | 89 | 90 | 91 | 92 | 92 | 89 | 90 | 88 | - |
| | Min | 52 | 56 | 58 | 59 | 56 | 52 | 51 | 86 | 61 | 50 | 58 | 45 | - |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | 11.4 | 10.6 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | 13.6 | 12.8 |
| Sunshine Duration | | 3.5 | 0.0 | 0.0 | 0.0 | 6.2 | 5.4 | 1.2 | 0.0 | 10.6 | 10.0 | 3.7 | 5.8 | 6.4 |
| Precipitation | | 6.1 | 5.4 | 2.6 | 0.4 | | 2.3 | 1.8 | 29.3 | 0.0 | | 47.9 | 16.6 | 25.8 |
| Evaporation | | 9.5 | 8.0 | 2.9 | 1.3 | 1.0 | 5.3 | 1.7 | 1.2 | 5.0 | 2.0 | 37.9 | 22.2 | 26.9 |
| Growing Degrees | 5 | 7.6 | 8.0 | 8.7 | 7.0 | 7.5 | 5.9 | 5.7 | 4.9 | 7.1 | 7.7 | 69.9 | 59.0 | 60.4 |
| | 10 | 2.6 | 3.0 | 3.7 | 2.0 | 2.5 | 0.9 | 0.7 | 0.0 | 2.1 | 2.7 | 20.0 | 9.9 | 15.6 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 17.8 | 19.6 | 21.0 |
| Precipitation - Reference Evapotranspiration | 30.1 | -3.0 | 4.8 |
| Number of Rainy Days | 7.0 | 5.0 | 3.7 |
| Number of Dry Days | 0.0 | 0.0 | - |

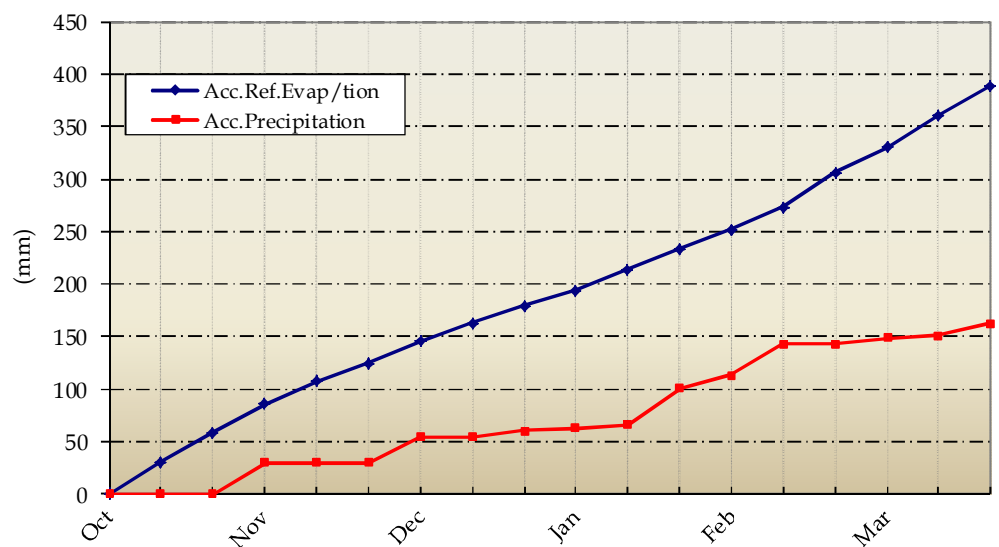
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 21.8 | 24.2 | 20.4 | 17.4 | 14.0 | 14.4 | 13.0 | 17.0 | 17.6 | 18.4 | 17.8 | 15.3 | 15.9 |
| | Min | 9.4 | 12.0 | 16.4 | 10.0 | 11.0 | 8.8 | 11.8 | 6.6 | 13.6 | 10.0 | 11.0 | 9.2 | 9.4 |
| Relative Humidity | Max | 71 | 74 | 93 | 88 | 81 | 89 | 74 | 85 | 86 | 92 | 83 | 83 | - |
| | Min | 35 | 25 | 25 | 52 | 54 | 58 | 50 | 51 | 50 | 65 | 46 | 57 | - |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunshine Duration | | 9.6 | 4.8 | 3.1 | 6.0 | 4.2 | 2.8 | 0.0 | 2.1 | 8.3 | 9.7 | 5.1 | 5.2 | 5.5 |
| Precipitation | | | | 3.4 | 7.4 | 0.7 | 0.2 | | | 0.0 | | 11.7 | 14.1 | 23.2 |
| Evaporation | | 3.0 | 4.9 | 0.9 | 2.4 | 1.8 | 2.2 | 0.5 | 3.3 | 2.0 | 2.7 | 23.7 | 29.0 | 33.8 |
| Growing Degrees | 5 | 10.6 | 13.1 | 13.4 | 8.7 | 7.5 | 6.6 | 7.4 | 6.8 | 10.6 | 9.2 | 93.9 | 72.5 | 76.5 |
| | 10 | 5.6 | 8.1 | 8.4 | 3.7 | 2.5 | 1.6 | 2.4 | 1.8 | 5.6 | 4.2 | 43.9 | 22.5 | 28.0 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|-------|------------------------|--------------------------|
| Reference Evapotranspiration | 28.2 | 24.2 | - |
| Precipitation - Reference Evapotranspiration | -16.5 | -10.1 | 23.2 |
| Number of Rainy Days | 4.0 | 3.0 | 3.5 |
| Number of Dry Days | 8.0 | 2.0 | - |

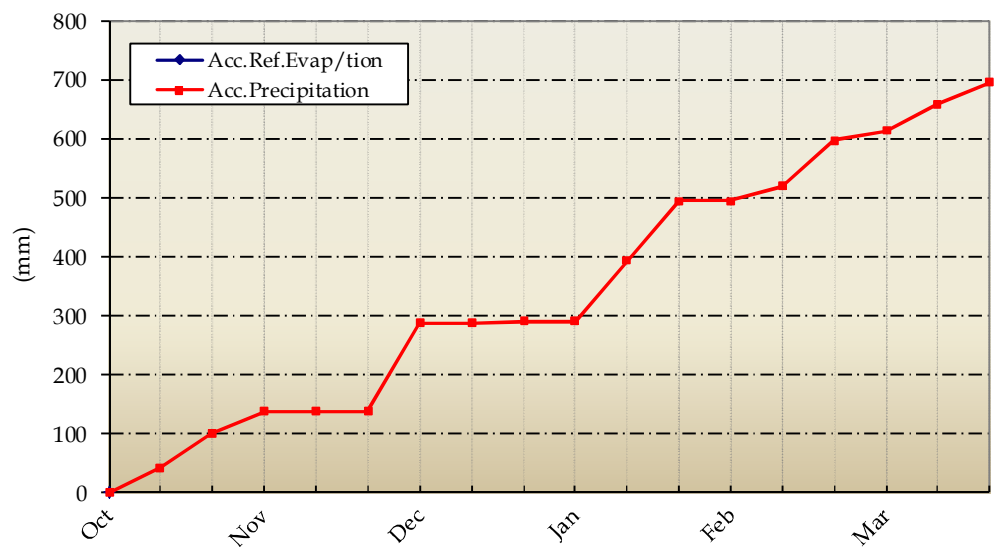
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|-----|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 11.4 | 13.8 | 8.8 | 12.4 | 9.2 | 13.4 | 12.6 | 12.0 | 16.7 | 17.4 | 12.8 | 12.6 | 12.6 |
| | Min | 2.0 | 2.2 | 4.2 | 6.4 | 5.6 | 3.2 | 5.7 | 6.6 | 3.4 | 0.6 | 4.0 | 1.1 | 2.7 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 100 | 100 | - | 85 | 100 | 100 | 98 | 89 | - |
| | Min | 66 | 51 | 63 | 45 | 82 | 41 | 43 | 68 | 35 | 28 | 52 | 37 | - |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 6.6 |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | 8.8 |
| Sunshine Duration | | 0.8 | - | 0.0 | 0.2 | 0.0 | 4.1 | - | 1.8 | - | 6.9 | 2.0 | 5.5 | 4.5 |
| Precipitation | | 2.1 | 4.0 | 25.3 | 1.6 | 1.9 | 0.5 | | 0.1 | 0.0 | 0.0 | 35.5 | 15.1 | 29.5 |
| Evaporation | | - | - | - | - | - | - | - | - | - | - | - | - | 18.6 |
| Growing Degrees | 5 | 1.7 | 3.0 | 1.5 | 4.4 | 2.4 | 3.3 | 4.2 | 4.3 | 5.1 | 4.0 | 33.8 | 18.7 | 28.8 |
| | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 3.0 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|-----|------------------------|--------------------------|
| Reference Evapotranspiration | - | - | 16.8 |
| Precipitation - Reference Evapotranspiration | - | - | 12.7 |
| Number of Rainy Days | 7.0 | 3.0 | 3.4 |
| Number of Dry Days | 0.0 | 3.0 | - |

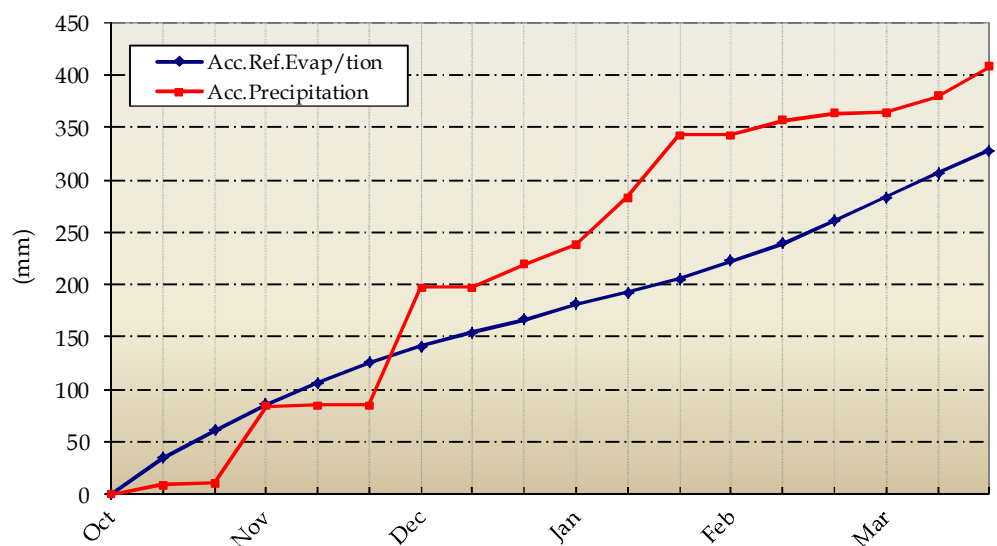
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 17.4 | 20.6 | 18.2 | 15.4 | 14.4 | 16.0 | 15.5 | 14.6 | 18.3 | 19.6 | 17.0 | 16.1 | 16.3 |
| | Min | 6.9 | 10.4 | 10.4 | 9.0 | 8.8 | 5.4 | 6.4 | 7.0 | 3.8 | 6.4 | 7.4 | 5.7 | 5.8 |
| Relative Humidity | Max | 93 | 84 | 93 | 93 | 93 | 94 | 84 | 95 | 96 | 91 | 92 | 90 | - |
| | Min | 55 | 40 | 60 | 45 | 62 | 57 | 45 | 78 | 50 | 45 | 54 | 46 | - |
| Soil Temperature at 10 cm | 06 UTC | 13.0 | 13.6 | 14.0 | 13.4 | 13.0 | 12.2 | 12.6 | 12.6 | 11.2 | 12.0 | 12.8 | 11.4 | 10.9 |
| | 12 UTC | 13.6 | 14.0 | 14.6 | 14.0 | 13.4 | 13.6 | 14.4 | 13.0 | 13.0 | 13.6 | 13.7 | 12.1 | 13.0 |
| Sunshine Duration | | 7.2 | 0.6 | 0.9 | 0.0 | 4.1 | 4.8 | 6.6 | 0.0 | 9.6 | 11.3 | 4.5 | 6.5 | 6.1 |
| Precipitation | | 1.9 | 0.6 | 5.7 | 0.7 | 1.8 | 0.6 | 0.0 | 16.6 | | | 27.9 | 26.8 | 22.7 |
| Evaporation | | 3.7 | 0.5 | 0.0 | 1.3 | 0.2 | 3.0 | 0.6 | 0.0 | 5.5 | 3.9 | 18.7 | - | 33.5 |
| Growing Degrees | 5 | 7.2 | 10.5 | 9.3 | 7.2 | 6.6 | 5.7 | 6.0 | 5.8 | 6.1 | 8.0 | 72.3 | 58.9 | 60.5 |
| | 10 | 2.2 | 5.5 | 4.3 | 2.2 | 1.6 | 0.7 | 1.0 | 0.8 | 1.1 | 3.0 | 22.3 | 9.7 | 15.1 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 21.2 | 22.7 | 21.7 |
| Precipitation - Reference Evapotranspiration | 6.7 | 4.1 | 1.0 |
| Number of Rainy Days | 7.0 | 6.0 | 3.8 |
| Number of Dry Days | 0.0 | 1.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

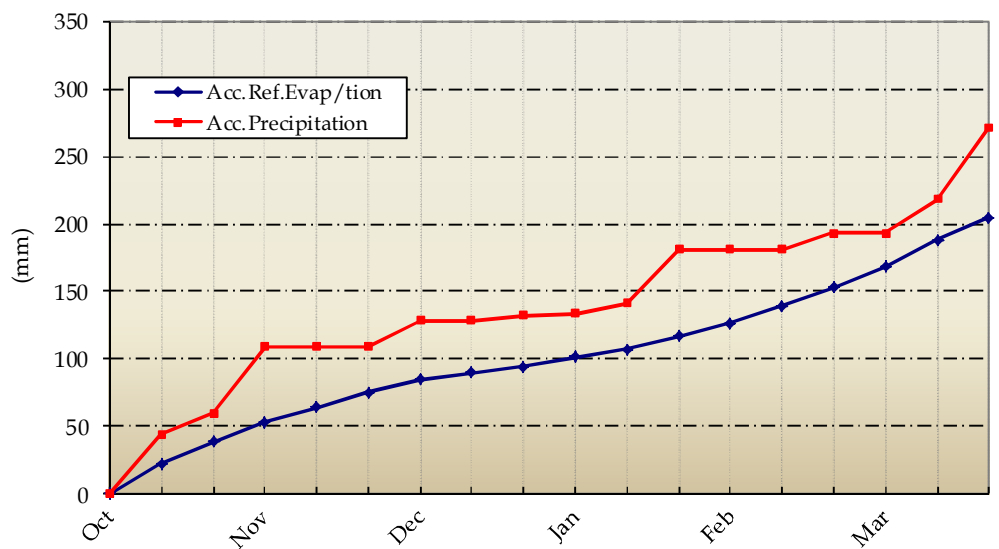


Larisa

| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 17.4 | 11.4 | 12.6 | 10.6 | 9.3 | 9.7 | 10.8 | 22.2 | 20.5 | 18.2 | 14.3 | 12.5 | 14.0 |
| | Min | 1.6 | 5.6 | 9.0 | 8.3 | 5.6 | 6.0 | 5.8 | 19.4 | 6.0 | 4.5 | 7.2 | 3.3 | 2.8 |
| Relative Humidity | Max | 100 | 100 | 100 | 100 | 100 | 100 | 88 | 100 | 100 | 100 | 99 | 100 | - |
| | Min | 43 | 90 | 86 | 69 | 74 | 73 | 50 | 66 | 29 | 34 | 61 | 50 | - |
| Soil Temperature at 10 cm | 06 UTC | 11.8 | 12.0 | 9.8 | 11.4 | 10.6 | 10.8 | 11.2 | 11.0 | 11.0 | 11.8 | 11.1 | - | 8.4 |
| | 12 UTC | 11.8 | 11.0 | 11.8 | 11.4 | 11.0 | 11.0 | 10.8 | 10.4 | 11.0 | 11.6 | 11.2 | - | 9.5 |
| Sunshine Duration | | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 10.1 | 0.0 | 9.0 | 9.2 | 3.5 | 3.6 | 5.1 |
| Precipitation | | | 15.2 | 20.6 | 2.5 | 3.5 | 2.0 | | 0.6 | 9.1 | | 53.5 | 7.6 | 13.9 |
| Evaporation | | 3.0 | 0.0 | 0.0 | 3.7 | 0.1 | 1.5 | 0.8 | 1.8 | 0.4 | 5.8 | 17.1 | 16.0 | 20.7 |
| Growing Degrees | 5 | 4.5 | 3.5 | 5.8 | 4.5 | 2.5 | 2.9 | 3.3 | 15.8 | 8.3 | 6.4 | 57.3 | 29.3 | 36.4 |
| | 10 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 10.8 | 3.3 | 1.4 | 16.2 | 0.0 | 5.5 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 16.7 | 15.9 | 18.5 |
| Precipitation - Reference Evapotranspiration | 36.8 | -8.3 | -4.6 |
| Number of Rainy Days | 7.0 | 7.0 | 3.1 |
| Number of Dry Days | 1.0 | 3.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

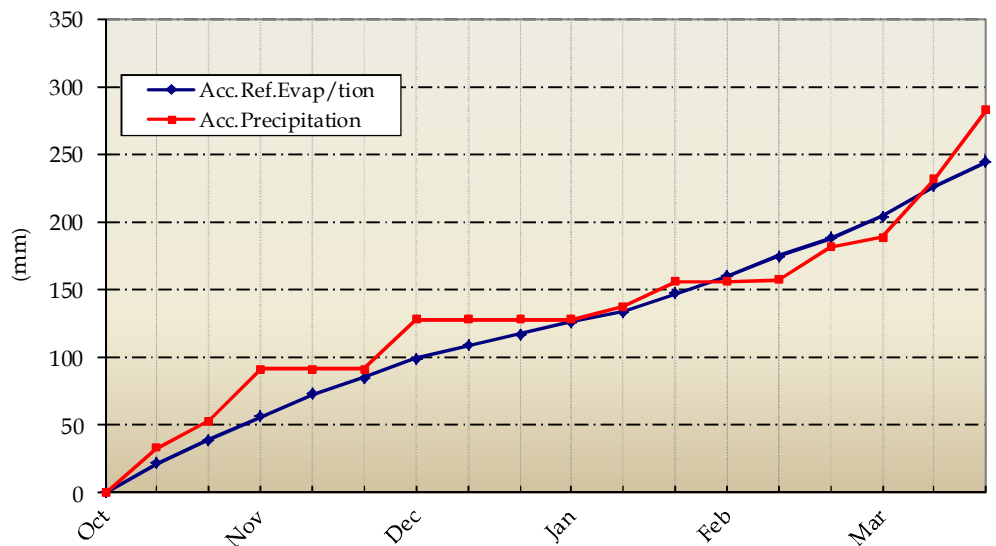


Mikra

| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 17.2 | 12.6 | 12.6 | 11.4 | 9.2 | 9.8 | 11.8 | 12.6 | 17.2 | 18.2 | 13.3 | 12.0 | 13.4 |
| | Min | 4.2 | 5.6 | 10.5 | 8.8 | 5.8 | 6.2 | 6.7 | 2.9 | 5.3 | 8.7 | 6.5 | 4.0 | 4.2 |
| Relative Humidity | Max | 94 | 95 | 95 | 87 | 91 | 90 | 92 | 93 | 95 | 82 | 91 | 87 | - |
| | Min | 32 | 69 | 77 | 68 | 68 | 55 | 47 | 55 | 35 | 21 | 53 | 48 | - |
| Soil Temperature at 10 cm | 06 UTC | 10.4 | 10.6 | 11.4 | 10.4 | 9.8 | 9.4 | 9.4 | 8.5 | 11.4 | 11.6 | 10.3 | 8.0 | 8.1 |
| | 12 UTC | 12.6 | 12.4 | 12.2 | 10.8 | 10.5 | 10.2 | 12.0 | 11.1 | 11.6 | 12.0 | 11.5 | 10.5 | 10.7 |
| Sunshine Duration | | 9.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 4.5 | 9.6 | 10.4 | 3.7 | 4.9 | 4.9 |
| Precipitation | | | 9.2 | 27.1 | 11.8 | 2.5 | 0.5 | | | | | 51.1 | 5.9 | 13.5 |
| Evaporation | | 2.5 | 2.4 | 0.0 | 0.0 | 4.2 | 0.1 | 1.1 | 2.1 | 2.2 | 5.6 | 20.2 | 23.1 | 27.0 |
| Growing Degrees | 5 | 5.7 | 4.1 | 6.6 | 5.1 | 2.5 | 3.0 | 4.3 | 2.8 | 6.3 | 8.5 | 48.7 | 30.1 | 38.9 |
| | 10 | 0.7 | 0.0 | 1.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 3.5 | 7.1 | 0.0 | 5.9 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 18.0 | 19.0 | 20.0 |
| Precipitation - Reference Evapotranspiration | 33.1 | -13.1 | -6.5 |
| Number of Rainy Days | 5.0 | 4.0 | 3.0 |
| Number of Dry Days | 1.0 | 2.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

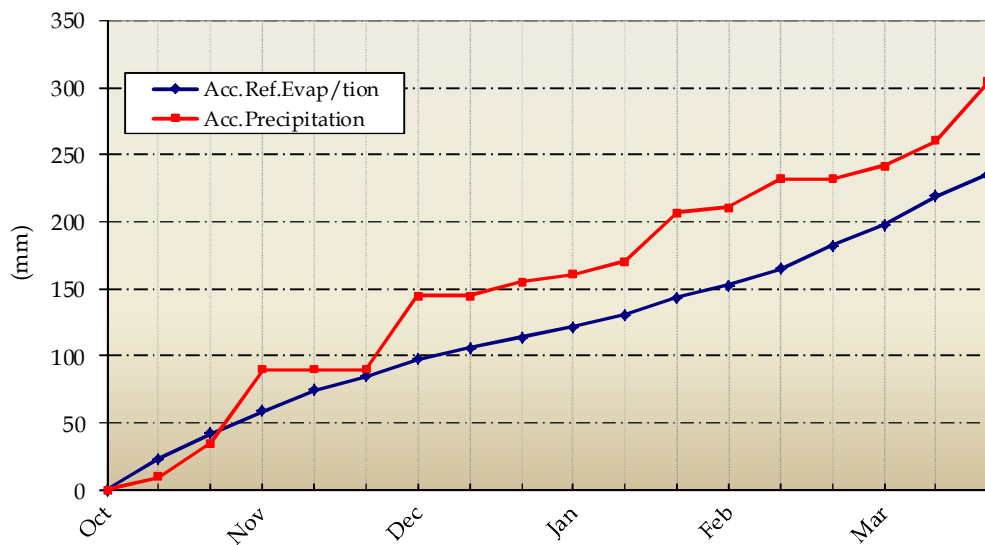


Tanagra

| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 17.1 | 13.8 | 16.8 | 9.4 | 10.0 | 10.6 | 11.2 | 13.7 | 17.4 | 17.2 | 13.7 | 11.9 | 14.3 |
| | Min | 5.2 | 8.0 | 8.9 | 8.8 | 6.0 | 6.8 | 4.1 | 2.5 | 8.1 | 5.9 | 6.4 | 4.5 | 4.4 |
| Relative Humidity | Max | 96 | 99 | 100 | 100 | 87 | 98 | 96 | 100 | 98 | 100 | 97 | 94 | - |
| | Min | 45 | 67 | 67 | 75 | 59 | 57 | 52 | 55 | 39 | 34 | 55 | 54 | - |
| Soil Temperature at 10 cm | 06 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 12 UTC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sunshine Duration | | 6.9 | 0.0 | 1.5 | 0.0 | 1.1 | 0.4 | 0.9 | 1.8 | 9.8 | 9.2 | 3.2 | 5.3 | |
| Precipitation | | | 2.7 | 0.1 | 38.9 | 0.0 | 0.8 | | 0.7 | 0.3 | | 43.5 | 31.3 | 16.7 |
| Evaporation | | 2.5 | 2.2 | 1.0 | 1.3 | 1.5 | 1.7 | 1.0 | 2.5 | 3.0 | 2.6 | 19.3 | 22.8 | |
| Growing Degrees | 5 | 6.2 | 5.9 | 7.9 | 4.1 | 3.0 | 3.7 | 2.7 | 3.1 | 7.8 | 6.6 | 50.8 | 31.9 | |
| | 10 | 1.2 | 0.9 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 1.6 | 9.2 | 0.0 | |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 16.1 | 17.0 | - |
| Precipitation - Reference Evapotranspiration | 27.4 | 14.3 | - |
| Number of Rainy Days | 6.0 | 5.0 | - |
| Number of Dry Days | 1.0 | 0.0 | - |

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

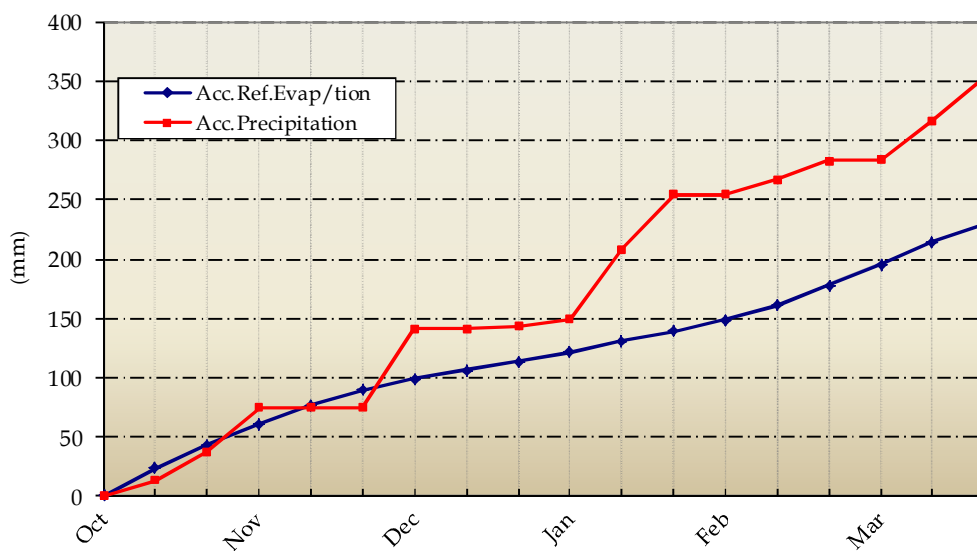


Tripoli

| 2nd 10-day period (11-20/03/2016) | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Mean Value or Sum | Previous Year Value | Past Years Mean Value |
|--------------------------------------|--------|------|------|------|-----|------|-----|------|------|------|------|----------------------|------------------------|--------------------------|
| Temperature | Max | 13.7 | 10.0 | 13.8 | 9.0 | 8.6 | 8.4 | 11.4 | 7.8 | 15.7 | 16.6 | 11.5 | 10.6 | 12.2 |
| | Min | 3.5 | 6.6 | 7.4 | 5.3 | 3.3 | 1.6 | 3.0 | 1.9 | 4.2 | -0.2 | 3.7 | 1.1 | 1.7 |
| Relative Humidity | Max | 95 | 97 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 96 | - |
| | Min | 38 | 77 | 47 | 65 | 70 | 75 | 61 | 90 | 37 | 37 | 60 | 50 | - |
| Soil Temperature at 10 cm | 06 UTC | 8.2 | 9.6 | 9.8 | 9.6 | 8.0 | 7.8 | 7.4 | 7.6 | 7.2 | 6.8 | 8.2 | 6.2 | 6.6 |
| | 12 UTC | 12.4 | - | - | - | 10.2 | 9.4 | 9.4 | 8.4 | - | - | 10.0 | 9.0 | 8.1 |
| Sunshine Duration | | 8.3 | 0.0 | 2.1 | 0.0 | 1.4 | 1.5 | 3.4 | 0.0 | 10.4 | 8.0 | 3.5 | 5.1 | 5.7 |
| Precipitation | | | 4.8 | 0.3 | 5.4 | 5.7 | 0.9 | 0.2 | 19.9 | | | 37.2 | 24.6 | 22.3 |
| Evaporation | | 2.5 | 0.0 | 0.2 | 0.5 | 0.3 | 0.1 | 1.3 | 0.0 | 2.4 | 2.0 | 9.3 | - | 20.1 |
| Growing Degrees | 5 | 3.6 | 3.3 | 5.6 | 2.2 | 1.0 | 0.0 | 2.2 | 0.0 | 5.0 | 3.2 | 26.0 | 10.6 | 24.1 |
| | 10 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 2.5 |

| 2nd 10-day period (11-20/03/2016) | | Previous Year Value | Past Years Mean Value |
|--|------|------------------------|--------------------------|
| Reference Evapotranspiration | 15.3 | 16.6 | 19.5 |
| Precipitation - Reference Evapotranspiration | 21.9 | 8.0 | 2.8 |
| Number of Rainy Days | 7.0 | 3.0 | 4.1 |
| Number of Dry Days | 1.0 | 0.0 | - |

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.

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

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 El. Venizelou street 14, Zip Code 16777
 Helliniko, Athens