



AGROMETEOROLOGICAL BULLETIN

August 2026
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



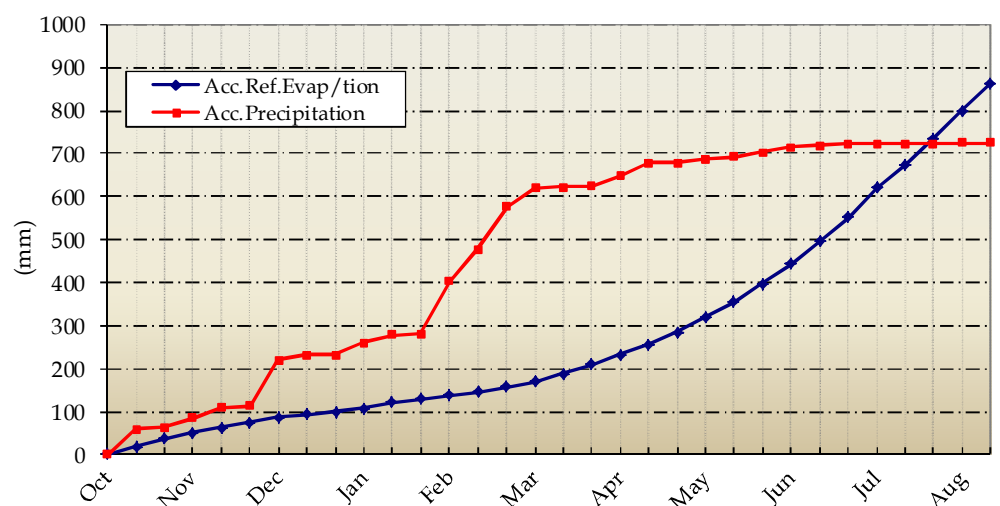
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1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	32.8	34.4	33.4	33.0	37.4	36.2	32.2	34.0	35.8	35.6	34.5	34.5	32.7
	Min	22.0	22.6	20.6	18.6	20.0	23.0	20.6	20.2	23.6	22.8	21.4	22.6	20.2
Relative Humidity	Max	63	58	70	75	67	74	79	75	71	71	70	69	76
	Min	32	29	37	40	22	24	41	39	26	29	32	30	33
Soil Temperature at 10 cm	06 UTC	29.2	29.5	29.6	30.0	29.8	30.6	30.7	30.4	31.4	30.4	30.2	30.0	26.7
	12 UTC	33.0	33.6	34.2	34.6	34.6	35.0	35.0	34.8	35.4	35.2	34.5	33.9	30.4
Sunshine Duration		13.1	12.7	12.4	11.8	12.6	12.5	11.4	10.4	12.5	12.7	12.2	12.0	11.5
Precipitation														5.0
Evaporation		11.2	12.0	10.0	8.5	12.3	10.1	8.1	9.2	11.8	7.9	101.1	115.6	89.9
Growing Degrees	5	22.4	23.5	22.0	20.8	23.7	24.6	21.4	22.1	24.7	24.2	229.4	235.7	194.3
	10	17.4	18.5	17.0	15.8	18.7	19.6	16.4	17.1	19.7	19.2	179.4	185.7	148.9

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	64.1	70.9	50.1
Precipitation - Reference Evapotranspiration	-64.1	-70.9	-45.1
Number of Rainy Days	0.0	0.0	0.7
Number of Dry Days	17.0	42.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

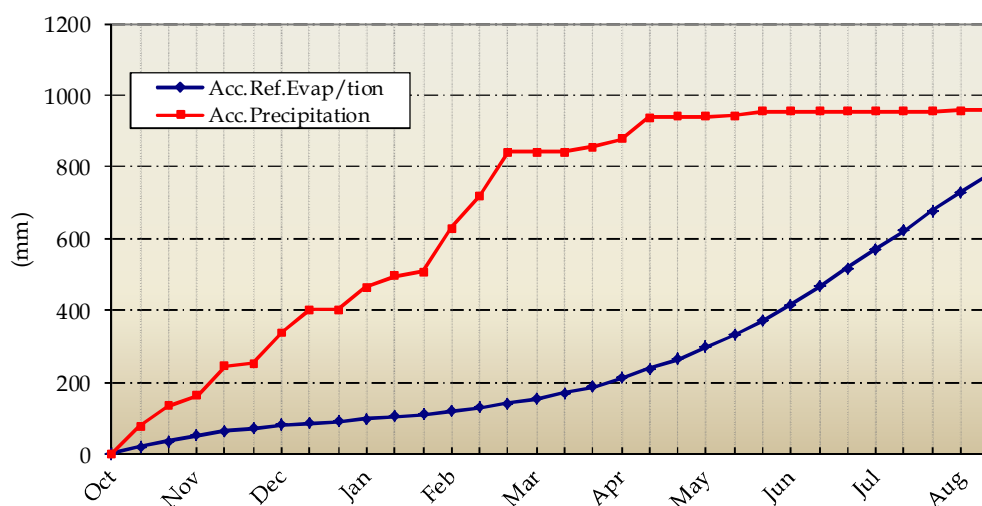


1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	36.7	34.0	33.6	33.1	33.6	36.6	36.2	34.8	37.0	37.5	35.3	33.1	31.8
	Min	19.6	16.8	19.0	19.2	20.6	19.9	19.6	21.2	20.8	24.9	20.2	19.8	19.8
Relative Humidity	Max	78	90	87	89	100	100	92	93	92	72	89	87	88
	Min	23	28	29	45	38	27	24	39	33	29	32	35	39
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	29.0
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	34.2
Sunshine Duration		12.9	12.8	12.6	11.8	12.2	12.4	12.2	11.8	10.9	12.2	12.2	12.4	11.9
Precipitation														1.0
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	82.2
Growing Degrees	5	23.2	20.4	21.3	21.2	22.1	23.3	22.9	23.0	23.9	26.2	227.4	214.9	167.9
	10	18.2	15.4	16.3	16.2	17.1	18.3	17.9	18.0	18.9	21.2	177.4	164.9	127.5

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	49.4	48.6	57.9
Precipitation - Reference Evapotranspiration	-49.4	-48.6	-56.9
Number of Rainy Days	0.0	0.0	0.2
Number of Dry Days	16.0	72.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

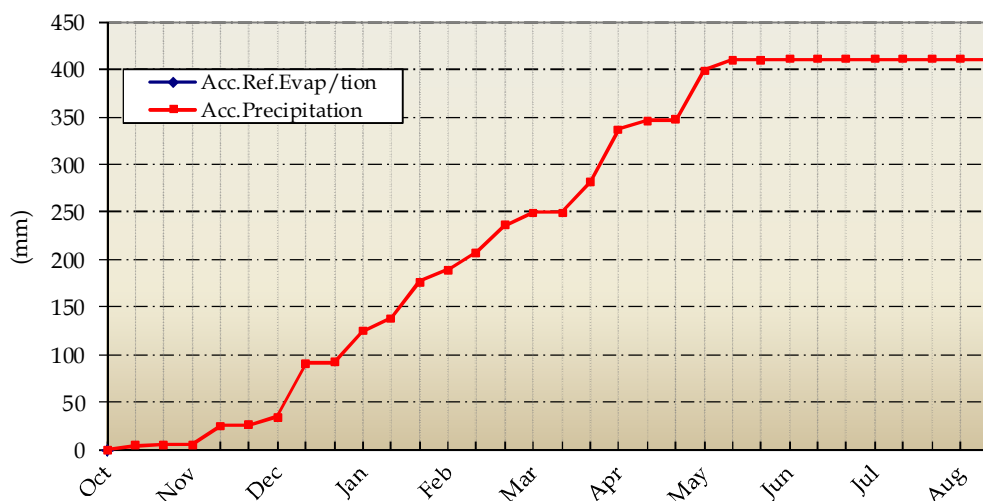


1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	28.0	29.0	29.4	30.0	30.8	30.2	32.0	32.0	30.0	29.0	30.0	29.4	29.5
	Min	24.6	22.0	25.0	20.6	21.6	23.2	23.0	24.4	28.4	26.4	23.9	24.2	23.2
Relative Humidity	Max	73	79	81	77	66	76	78	75	74	76	76	78	79
	Min	61	56	55	44	42	40	44	43	53	64	50	56	55
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		11.4	11.7	12.0	12.2	12.4	12.2	12.1	12.0	11.6	10.4	11.8	11.8	12.0
Precipitation														0.0
Evaporation		7.1	5.8	6.0	9.0	7.8	4.6	10.2	8.3	9.5	6.3	74.6	77.6	71.2
Growing Degrees	5	21.3	20.5	22.2	20.3	21.2	21.7	22.5	23.2	24.2	22.7	219.8	218.2	202.9
	10	16.3	15.5	17.2	15.3	16.2	16.7	17.5	18.2	19.2	17.7	169.8	168.2	155.4

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	-
Precipitation - Reference Evapotranspiration	-	-	-
Number of Rainy Days	0.0	0.0	0.0
Number of Dry Days	79.0	71.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



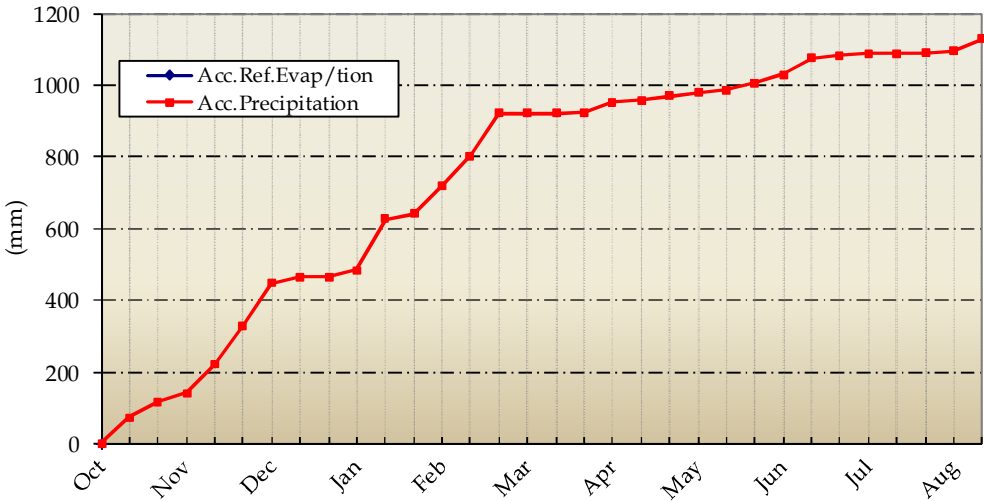
Ioannina

1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.5	34.6	34.4	33.5	35.4	34.2	35.4	35.9	34.2	35.7	34.8	33.4	32.1
	Min	21.9	18.4	19.0	15.1	15.1	20.0	15.7	15.5	17.3	17.3	17.5	17.9	16.6
Relative Humidity	Max	63	70	91	100	92	100	100	100	100	99	92	79	88
	Min	23	18	20	27	27	28	24	25	30	28	25	25	35
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	23.5
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	25.7
Sunshine Duration		12.3	12.6	10.6	7.4	9.9	6.8	9.0	9.1	6.3	9.8	9.4	10.9	10.1
Precipitation					32.5		0.0	0.0				32.5	0.9	7.6
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	
Growing Degrees	5	23.2	21.5	21.7	19.3	20.3	22.1	20.6	20.7	20.8	21.5	211.6	206.5	150.1
	10	18.2	16.5	16.7	14.3	15.3	17.1	15.6	15.7	15.8	16.5	161.6	156.5	111.3

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	33.6
Precipitation - Reference Evapotranspiration	-	-	-26.0
Number of Rainy Days	1.0	1.0	1.1
Number of Dry Days	10.0	5.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



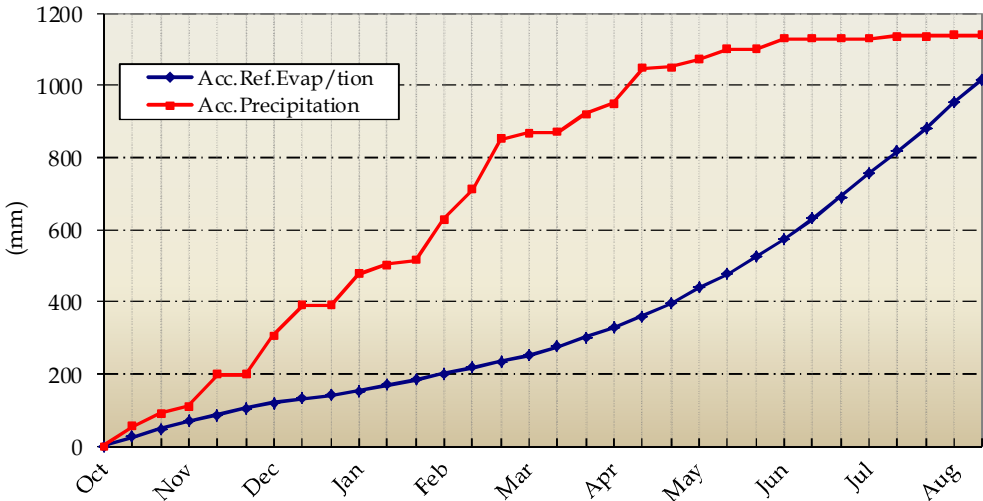
Kalamata

1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	33.4	30.1	32.2	35.8	38.8	36.0	36.8	34.6	38.0	37.9	35.4	34.3	32.7
	Min	21.2	16.3	17.8	19.1	19.4	20.4	18.9	21.0	20.7	22.3	19.7	20.2	19.5
Relative Humidity	Max	93	93	85	78	72	89	91	85	77	94	86	83	86
	Min	21	38	38	20	18	18	23	29	24	24	25	32	35
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	26.3
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	29.3
Sunshine Duration		12.0	12.2	12.3	11.4	10.1	11.6	11.2	9.3	7.0	12.1	10.9	11.7	11.3
Precipitation													0.9	3.9
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	69.5
Growing Degrees	5	22.3	18.2	20.0	22.5	24.1	23.2	22.9	22.8	24.4	25.1	225.4	222.2	190.4
	10	17.3	13.2	15.0	17.5	19.1	18.2	17.9	17.8	19.4	20.1	175.4	172.2	145.2

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	64.6	65.4	41.0
Precipitation - Reference Evapotranspiration	-64.6	-64.5	-37.1
Number of Rainy Days	0.0	1.0	0.6
Number of Dry Days	17.0	72.0	-

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

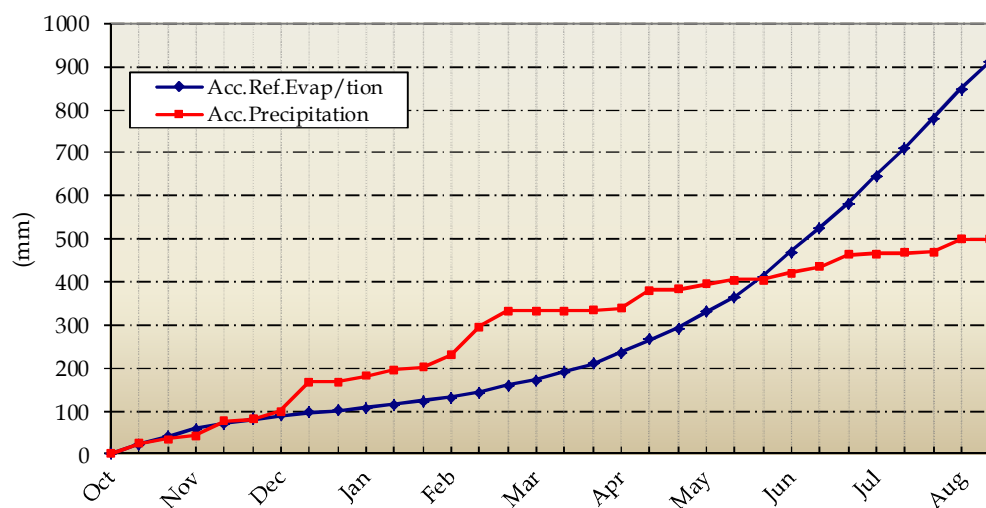
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	32.6	32.4	34.6	36.2	36.0	35.5	36.0	38.0	36.0	34.6	35.2	34.1	33.7
	Min	20.0	16.2	17.2	17.2	18.9	20.0	18.4	19.0	26.5	23.3	19.7	18.8	19.3
Relative Humidity	Max	81	82	74	73	70	70	70	77	75	84	76	89	81
	Min	34	25	24	21	22	20	29	21	31	29	26	27	30
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	27.6
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	29.5
Sunshine Duration		12.4	11.8	12.1	10.0	11.0	11.9	10.8	11.9	9.7	11.6	11.3	10.9	10.5
Precipitation													0.3	6.9
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	98.8
Growing Degrees	5	21.3	19.3	20.9	21.7	22.5	22.8	22.2	23.5	26.3	24.0	224.3	214.3	194.0
	10	16.3	14.3	15.9	16.7	17.5	17.8	17.2	18.5	21.3	19.0	174.3	164.3	149.0

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration		63.2	61.9
Precipitation - Reference Evapotranspiration		-63.2	-61.6
Number of Rainy Days		0.0	2.0
Number of Dry Days		17.0	4.0

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

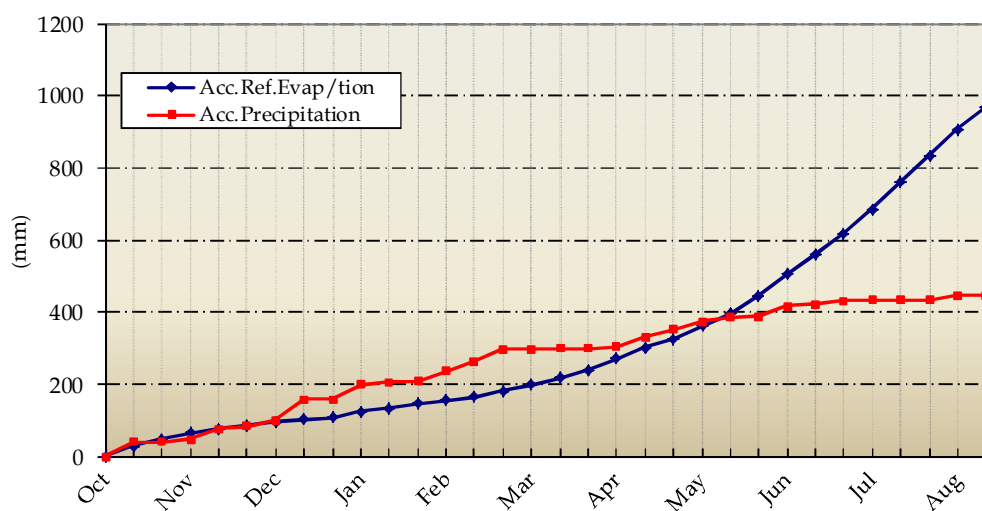


1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	32.2	32.7	35.0	35.0	36.0	35.4	34.1	36.6	35.1	33.1	34.5	32.9	32.7
	Min	19.9	18.8	21.0	21.0	22.0	24.4	21.8	22.0	24.6	24.0	22.0	21.6	21.5
Relative Humidity	Max	70	73	66	89	69	62	82	83	81	78	75	79	75
	Min	37	31	26	27	23	25	39	23	35	38	30	38	35
Soil Temperature at 10 cm	06 UTC	27.2	27.0	26.2	27.6	28.0	27.4	28.4	28.6	29.0	29.2	27.9	27.3	28.3
	12 UTC	31.2	30.4	31.4	31.8	31.6	31.4	34.2	34.4	33.8	34.4	32.5	31.8	33.0
Sunshine Duration		13.0	13.0	12.8	12.8	12.0	12.5	10.3	12.4	10.2	11.6	12.1	9.9	10.6
Precipitation										0.0		0.0	4.9	11.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	95.6
Growing Degrees	5	21.1	20.8	23.0	23.0	24.0	24.9	23.0	24.3	24.9	23.6	232.4	222.2	201.4
	10	16.1	15.8	18.0	18.0	19.0	19.9	18.0	19.3	19.9	18.6	182.4	172.2	155.9

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	63.4	59.4	44.3
Precipitation - Reference Evapotranspiration	-63.4	-54.5	-32.8
Number of Rainy Days	0.0	1.0	1.4
Number of Dry Days	16.0	4.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



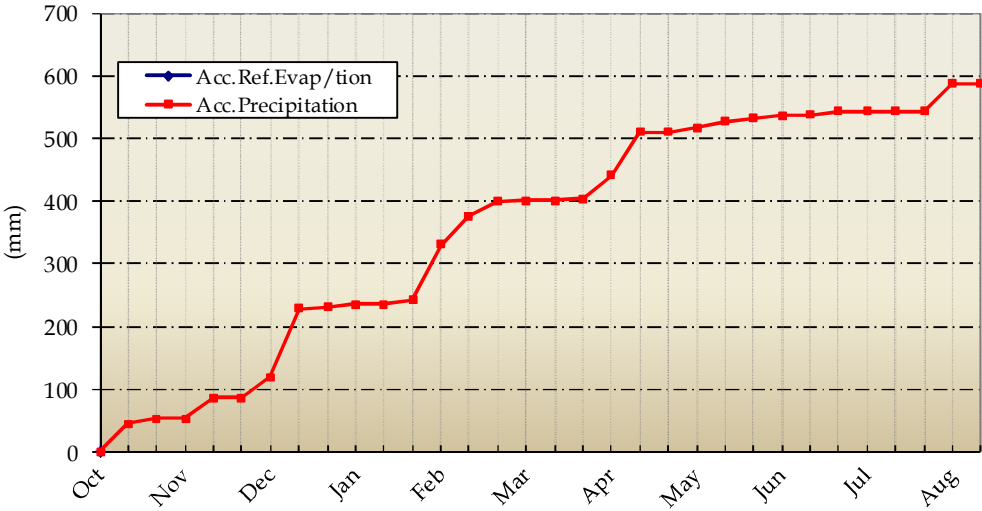
Tanagra

1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	29.4	29.5	33.0	33.6	33.6	33.4	33.7	34.6	32.7	31.4	32.5	31.8	32.4
	Min	23.6	21.3	19.8	19.0	20.6	22.6	19.3	19.1	23.9	24.8	21.4	21.5	20.4
Relative Humidity	Max	61	59	63	53	54	57	64	65	58	57	59	63	68
	Min	29	31	20	20	22	24	23	22	31	32	25	28	27
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		13.1	12.9	13.1	12.8	12.8	12.7	12.5	12.6	12.0	12.2	12.7	12.0	11.8
Precipitation													0.1	4.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	97.2
Growing Degrees	5	21.5	20.4	21.4	21.3	22.1	23.0	21.5	21.9	23.3	23.1	219.5	216.6	186.5
	10	16.5	15.4	16.4	16.3	17.1	18.0	16.5	16.9	18.3	18.1	169.5	166.6	143.0

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	0.0	1.0	0.5
Number of Dry Days	16.0	0.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



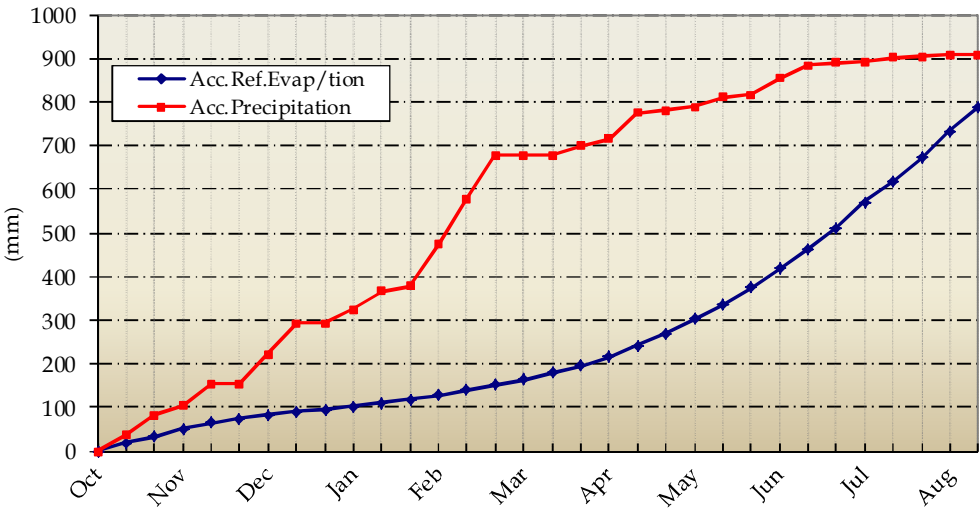
Tripoli

1st 10-day period (1-10/08/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	31.1	30.5	33.5	33.4	34.0	34.6	33.0	35.1	33.9	33.3	33.2	31.9	31.7
	Min	19.6	15.8	12.8	12.1	14.0	14.9	13.0	14.7	15.2	21.3	15.3	16.8	15.3
Relative Humidity	Max	54	82	87	86	76	72	81	85	81	64	77	73	83
	Min	17	22	12	14	15	12	19	17	24	23	18	27	26
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	25.9
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	29.7
Sunshine Duration		12.5	10.4	12.7	12.1	10.7	12.6	8.1	7.8	11.9	12.4	11.1	10.3	10.6
Precipitation													0.1	4.8
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	67.4
Growing Degrees	5	20.4	18.2	18.2	17.8	19.0	19.8	18.0	19.9	19.6	22.3	192.9	193.2	145.7
	10	15.4	13.2	13.2	12.8	14.0	14.8	13.0	14.9	14.6	17.3	142.9	143.2	106.2

1st 10-day period (1-10/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	55.8	52.9	36.2
Precipitation - Reference Evapotranspiration	-55.8	-52.8	-31.4
Number of Rainy Days	0.0	1.0	1.1
Number of Dry Days	17.0	33.0	-

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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ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

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