



AGROMETEOROLOGICAL BULLETIN

September 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



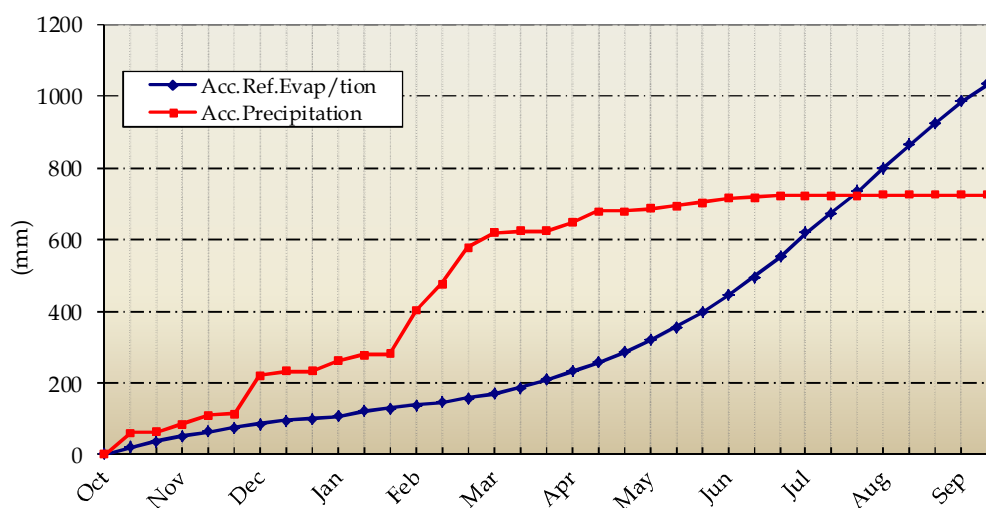
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1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	32.6	34.4	32.0	32.8	32.0	33.0	32.0	29.8	30.6	33.0	32.2	31.2	28.3
	Min	21.0	20.8	21.6	16.4	16.6	17.8	17.0	19.4	18.8	18.2	18.8	18.5	16.3
Relative Humidity	Max	82	70	70	78	72	82	83	69	74	82	76	78	81
	Min	29	29	31	32	38	37	29	28	32	30	32	36	36
Soil Temperature at 10 cm	06 UTC	29.0	28.6	29.0	27.6	27.0	27.8	28.8	27.6	27.0	27.0	27.9	27.1	23.8
	12 UTC	33.7	33.8	31.6	31.0	32.8	33.0	33.6	32.6	32.0	31.6	32.6	31.8	27.2
Sunshine Duration		11.6	11.8	3.8	10.4	11.6	10.9	11.4	11.3	11.4	11.2	10.5	10.0	10.1
Precipitation														8.1
Evaporation		7.8	11.4	11.3	8.5	6.8	8.2	9.0	7.5	13.0	8.0	91.5	82.2	78.4
Growing Degrees	5	21.8	22.6	21.8	19.6	19.3	20.4	19.5	19.6	19.7	20.6	204.9	198.2	161.9
	10	16.8	17.6	16.8	14.6	14.3	15.4	14.5	14.6	14.7	15.6	154.9	148.2	115.3

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	48.5	46.5	37.6
Precipitation - Reference Evapotranspiration	-48.5	-46.5	-29.5
Number of Rainy Days	0.0	0.0	0.9
Number of Dry Days	48.0	22.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

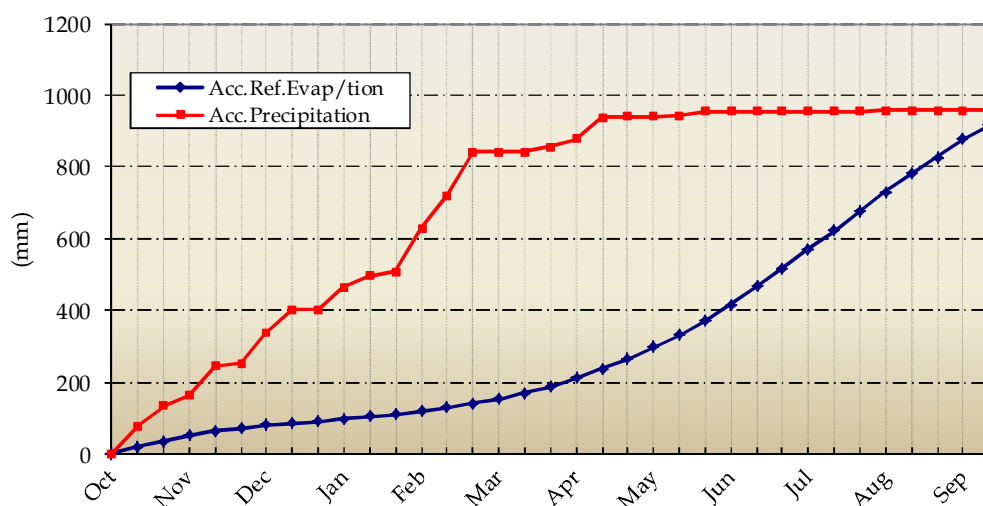


1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	33.3	35.0	34.5	34.2	33.7	33.4	38.0	33.6	32.6	32.7	34.1	30.7	29.4
	Min	20.7	23.9	22.4	20.1	19.5	17.9	19.8	22.0	19.3	21.7	20.7	18.0	18.2
Relative Humidity	Max	91	99	100	95	85	96	97	99	94	100	96	94	88
	Min	40	41	36	34	24	41	24	37	34	39	35	42	39
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	26.3
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	31.2
Sunshine Duration		11.3	10.4	12.1	11.2	11.5	11.6	11.0	11.0	10.6	10.5	11.1	11.3	10.0
Precipitation														6.6
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	69.5
Growing Degrees	5	22.0	24.5	23.5	22.2	21.6	20.7	23.9	22.8	21.0	22.2	224.2	193.7	154.6
	10	17.0	19.5	18.5	17.2	16.6	15.7	18.9	17.8	16.0	17.2	174.2	143.7	113.5

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	40.0	38.0	46.5
Precipitation - Reference Evapotranspiration	-40.0	-38.0	-39.9
Number of Rainy Days	0.0	0.0	1.1
Number of Dry Days	47.0	10.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

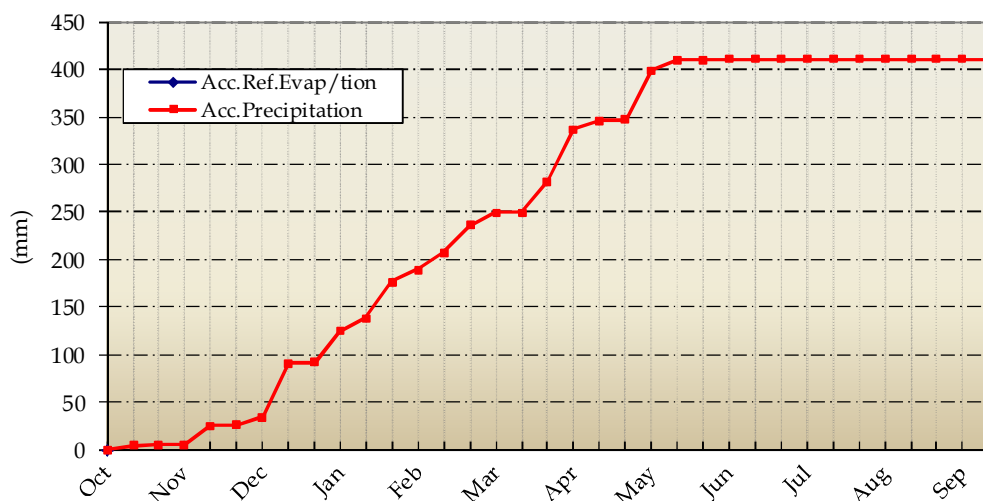


1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	29.8	29.0	29.6	29.8	29.0	30.0	30.6	27.8	27.8	28.6	29.2	28.8	28.1
	Min	23.8	20.8	21.4	26.2	26.0	21.0	22.8	25.4	22.6	20.2	23.0	23.3	21.1
Relative Humidity	Max	81	84	69	64	68	75	68	68	68	85	73	75	80
	Min	28	46	44	52	54	42	47	42	48	51	45	51	54
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		11.1	11.1	11.0	10.5	10.5	10.7	10.7	10.7	10.7	10.7	10.8	11.1	10.6
Precipitation														1.6
Evaporation		11.3	5.7	3.0	12.7	8.3	7.0	14.9	6.7	7.4	6.9	83.9	70.6	64.7
Growing Degrees	5	21.8	19.9	20.5	23.0	22.5	20.5	21.7	21.6	20.2	19.4	211.1	210.7	188.0
	10	16.8	14.9	15.5	18.0	17.5	15.5	16.7	16.6	15.2	14.4	161.1	160.7	140.0

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	0.0	0.0	0.4
Number of Dry Days	110.0	102.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



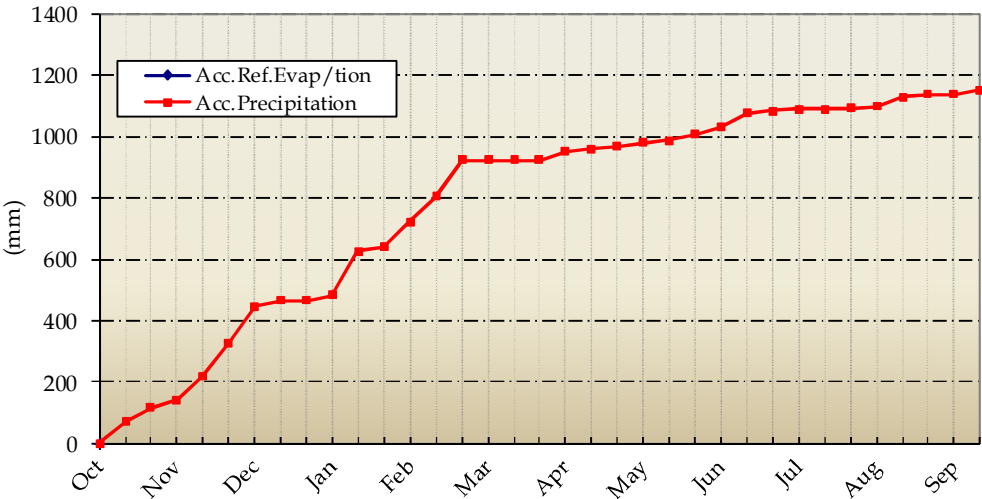
Ioannina

1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.7	34.0	31.8	32.8	33.9	36.9	35.1	32.4	33.0	33.1	33.8	30.7	27.6
	Min	18.7	18.0	16.3	15.0	14.0	13.0	14.2	14.8	16.2	15.0	15.5	13.4	13.3
Relative Humidity	Max	100	100	100	100	100	100	100	100	100	100	100	98	91
	Min	25	38	25	21	20	17	19	35	34	30	26	32	38
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	20.7
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	22.0
Sunshine Duration		7.5	9.7	6.8	9.9	11.3	11.2	10.9	10.3	9.4	10.6	9.8	8.7	7.7
Precipitation		14.0										14.0	38.3	14.2
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	
Growing Degrees	5	21.7	21.0	19.1	18.9	19.0	20.0	19.7	18.6	19.6	19.1	196.5	170.3	120.2
	10	16.7	16.0	14.1	13.9	14.0	15.0	14.7	13.6	14.6	14.1	146.5	120.3	81.2

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	40.3
Precipitation - Reference Evapotranspiration	-	-	-26.1
Number of Rainy Days	1.0	5.0	1.9
Number of Dry Days	13.0	2.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



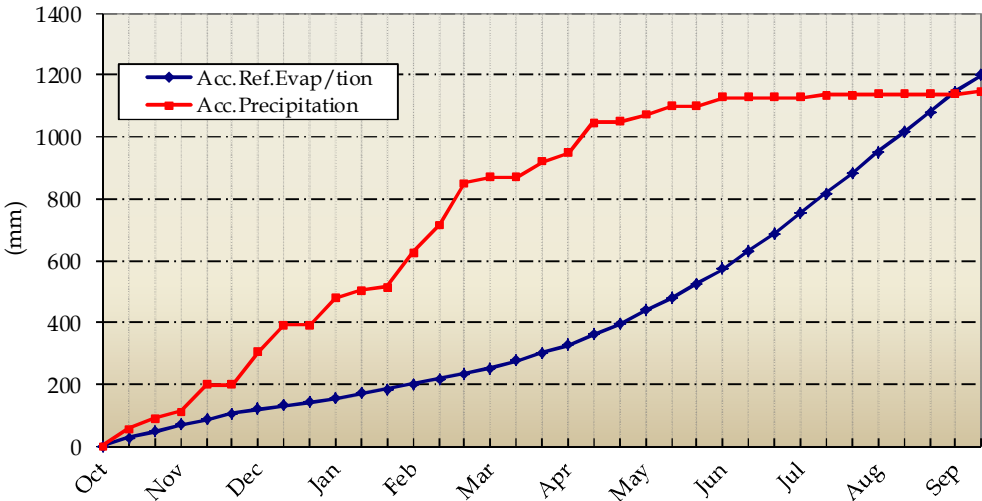
Kalamata

1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	33.0	34.2	33.2	34.4	35.4	33.1	34.0	34.7	30.6	31.1	33.4	31.8	30.2
	Min	20.8	23.5	21.9	19.7	18.0	16.8	18.4	17.4	19.8	19.4	19.6	18.6	17.6
Relative Humidity	Max	90	89	90	96	85	81	81	92	92	91	89	84	86
	Min	40	34	31	28	19	31	30	33	53	42	34	36	37
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	24.8
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	27.4
Sunshine Duration		11.7	11.1	9.5	9.0	11.8	11.5	11.6	10.7	8.9	11.2	10.7	10.9	10.3
Precipitation					8.5							8.5		9.9
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	60.4
Growing Degrees	5	21.9	23.9	22.6	22.1	21.7	20.0	21.2	21.1	20.2	20.3	214.7	202.0	166.8
	10	16.9	18.9	17.6	17.1	16.7	15.0	16.2	16.1	15.2	15.3	164.7	152.0	122.6

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	54.3	53.7	38.1
Precipitation - Reference Evapotranspiration	-45.8	-53.7	-28.2
Number of Rainy Days	1.0	0.0	1.0
Number of Dry Days	41.0	35.0	-

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

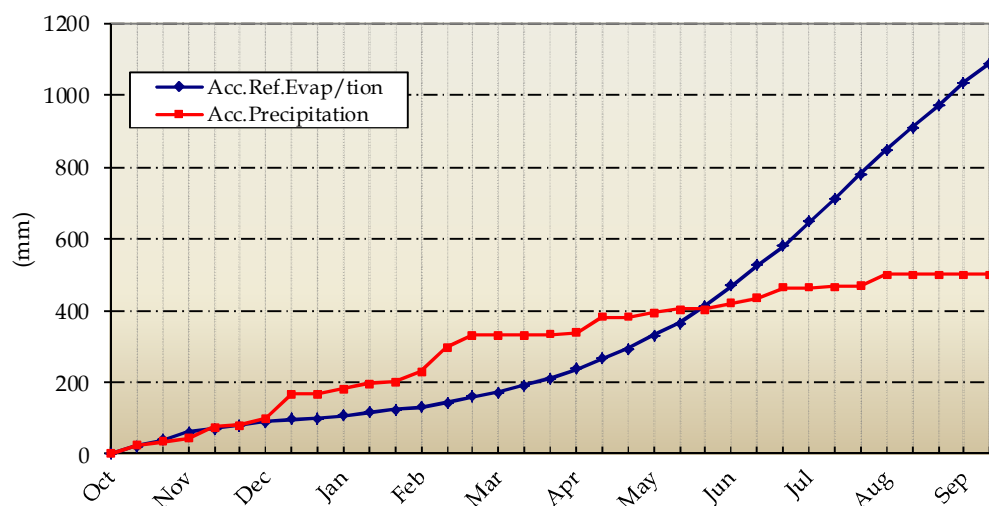
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	37.0	35.2	33.6	34.2	36.0	37.6	32.8	31.0	31.2	35.4	34.4	34.0	30.2
	Min	20.6	21.0	22.0	17.4	16.2	14.8	20.8	17.1	15.0	14.8	18.0	16.4	16.1
Relative Humidity	Max	71	82	77	87	62	69	57	78	88	91	76	80	84
	Min	29	33	35	18	21	19	27	42	29	23	28	25	31
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	25.0
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	26.5
Sunshine Duration		9.1	8.0	7.0	10.5	10.9	10.7	10.5	10.1	10.1	10.7	9.8	10.2	8.6
Precipitation														11.0
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	80.6
Growing Degrees	5	23.8	23.1	22.8	20.8	21.1	21.2	21.8	19.1	18.1	20.1	211.9	202.1	163.0
	10	18.8	18.1	17.8	15.8	16.1	16.2	16.8	14.1	13.1	15.1	161.9	152.1	118.1

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	51.4	51.8	50.0
Precipitation - Reference Evapotranspiration	-51.4	-51.8	-39.0
Number of Rainy Days	0.0	0.0	1.6
Number of Dry Days	48.0	35.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

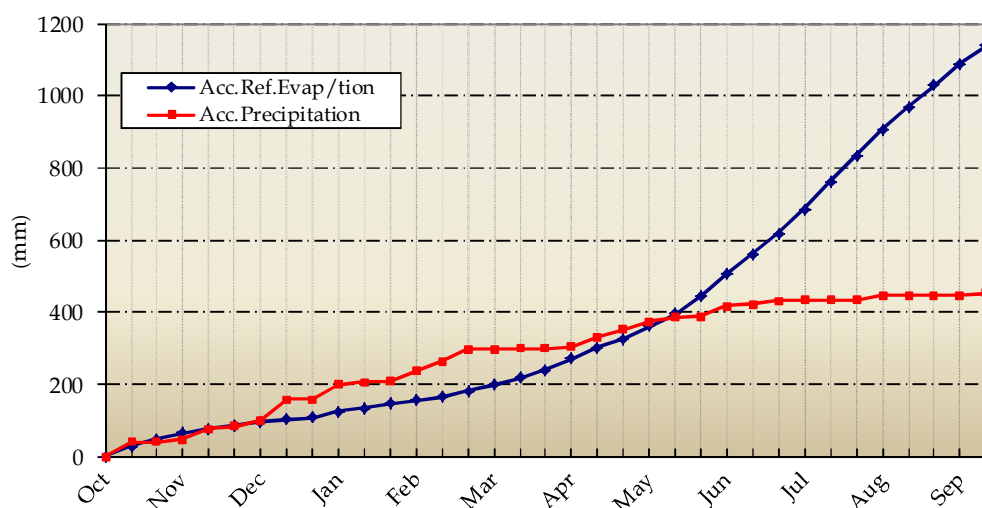


1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	32.9	34.5	32.4	33.1	32.0	35.0	33.0	29.8	29.7	31.0	32.3	31.8	28.7
	Min	21.2	23.7	21.5	18.8	18.2	18.8	20.8	19.2	17.5	18.4	19.8	19.8	18.0
Relative Humidity	Max	78	83	100	90	79	68	63	79	85	90	82	70	77
	Min	41	32	38	33	30	22	33	42	45	46	36	34	37
Soil Temperature at 10 cm	06 UTC	28.2	27.5	28.2	24.8	25.2	25.6	26.0	25.8	25.0	25.6	26.2	27.2	24.6
	12 UTC	31.8	32.6	30.4	31.6	31.2	31.6	30.2	29.0	27.6	27.6	30.4	30.4	28.6
Sunshine Duration		11.1	9.2	10.3	10.7	11.8	11.5	11.0	12.4	11.2	10.8	11.0	10.8	8.8
Precipitation				5.9	0.3							6.2		8.4
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	69.9
Growing Degrees	5	22.1	24.1	22.0	21.0	20.1	21.9	21.9	19.5	18.6	19.7	210.8	208.2	171.3
	10	17.1	19.1	17.0	16.0	15.1	16.9	16.9	14.5	13.6	14.7	160.8	158.2	124.6

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	50.9	52.5	38.5
Precipitation - Reference Evapotranspiration	-44.7	-52.5	-30.1
Number of Rainy Days	2.0	0.0	1.3
Number of Dry Days	39.0	36.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

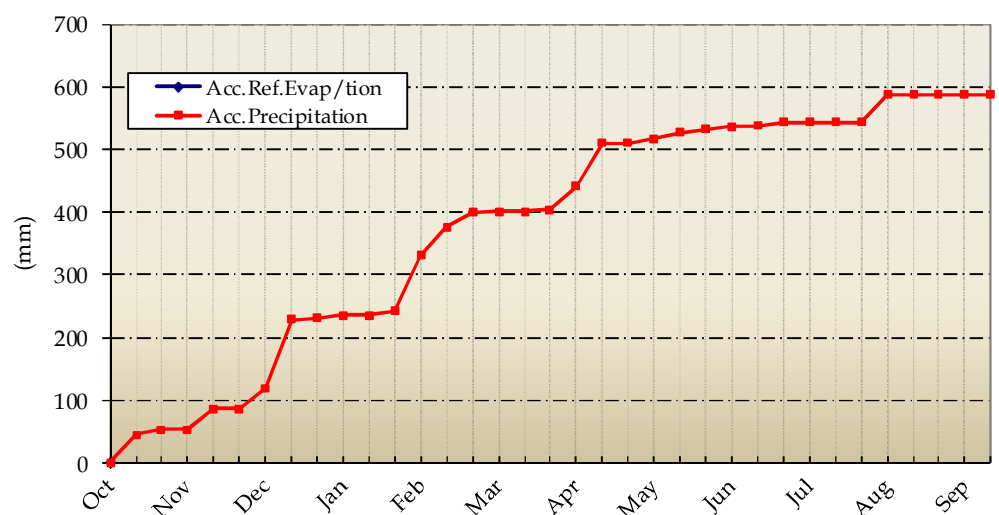


1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.1	34.1	31.7	30.4	31.6	35.4	32.3	28.7	29.8	32.3	32.0	31.3	29.2
	Min	19.2	20.4	19.4	19.4	17.2	13.6	19.2	18.9	14.6	14.4	17.6	18.5	17.5
Relative Humidity	Max	60	63	59	69	66	57	52	66	72	70	63	62	77
	Min	22	17	27	30	19	15	19	31	24	22	23	24	32
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		11.7	11.4	9.9	11.5	11.5	12.3	11.5	11.5	11.0	11.9	11.4	11.3	9.8
Precipitation					0.0							0.0		3.3
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	75.8
Growing Degrees	5	21.7	22.3	20.6	19.9	19.4	19.5	20.8	18.8	17.2	18.4	198.4	198.9	161.9
	10	16.7	17.3	15.6	14.9	14.4	14.5	15.8	13.8	12.2	13.4	148.4	148.9	117.9

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	0.0	0.0	0.9
Number of Dry Days	47.0	40.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



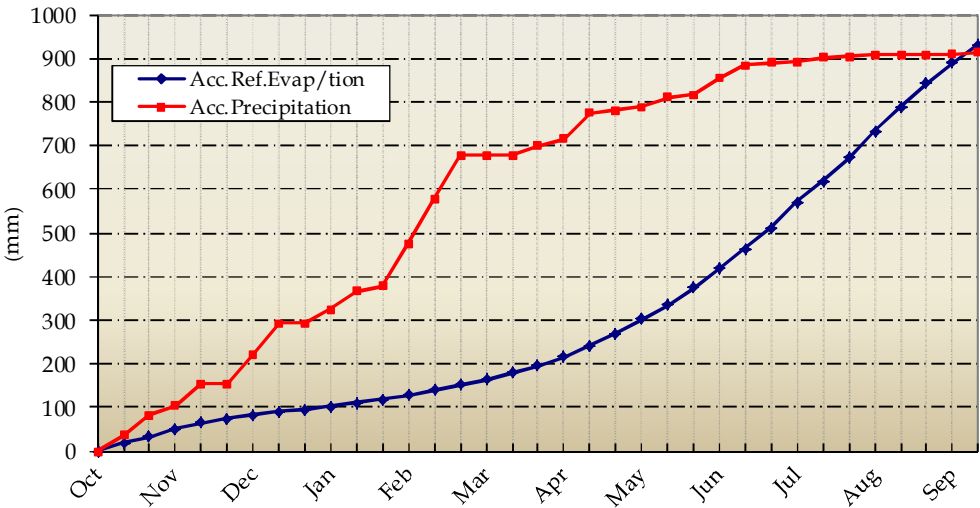
Tripoli

1st 10-day period (1-10/09/2026)		1	2	3	4	5	6	7	8	9	10	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.8	34.5	31.6	30.2	32.2	35.6	31.6	30.6	30.9	32.3	32.4	31.1	28.0
	Min	14.6	15.2	15.8	13.5	11.9	11.7	13.2	12.3	11.8	14.0	13.4	11.4	12.3
Relative Humidity	Max	92	90	91	94	91	82	82	81	96	98	90	92	87
	Min	19	17	23	21	16	12	12	23	22	20	18	21	29
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	22.4
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	26.0
Sunshine Duration		10.9	10.3	7.5	9.2	11.4	11.1	10.8	10.5	8.3	9.5	10.0	8.8	9.2
Precipitation				0.0						5.7		5.7	10.8	10.6
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	42.0
Growing Degrees	5	19.7	19.9	18.7	16.9	17.1	18.7	17.4	16.5	16.4	18.2	179.2	162.4	120.7
	10	14.7	14.9	13.7	11.9	12.1	13.7	12.4	11.5	11.4	13.2	129.2	112.4	80.9

1st 10-day period (1-10/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	40.2	35.4	27.2
Precipitation - Reference Evapotranspiration	-34.5	-24.6	-16.6
Number of Rainy Days	1.0	2.0	1.4
Number of Dry Days	9.0	10.0	-

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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ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

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