



AGROMETEOROLOGICAL BULLETIN

August 2026
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



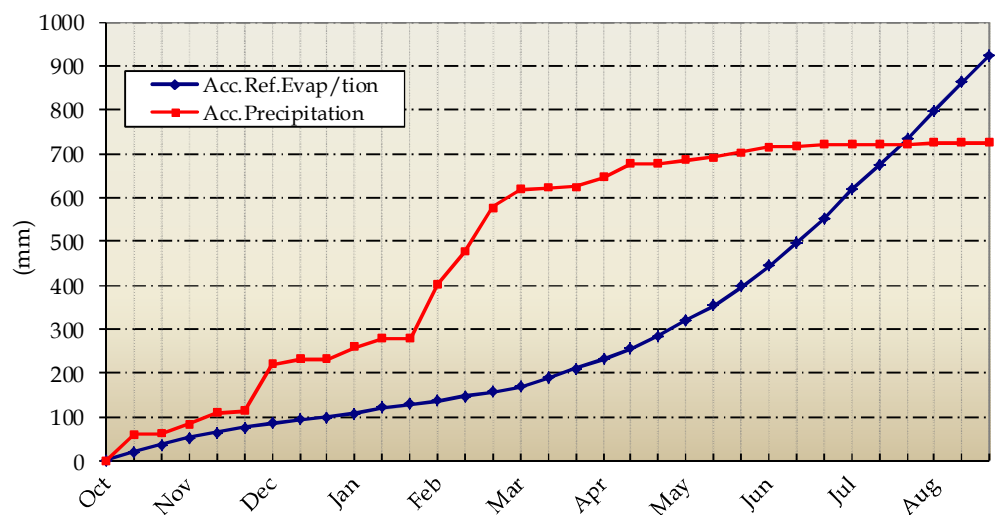
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2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	36.0	37.0	34.2	31.0	29.8	30.8	29.8	29.0	34.4	35.0	32.7	33.1	32.1
	Min	23.0	21.8	24.2	21.8	20.4	20.4	16.4	16.0	20.0	18.8	20.3	22.1	19.4
Relative Humidity	Max	53	70	71	65	65	65	78	77	78	83	70	70	76
	Min	18	22	34	32	32	32	40	56	32	33	33	32	34
Soil Temperature at 10 cm	06 UTC	30.4	30.2	30.7	30.2	28.6	27.6	27.8	28.0	28.4	29.2	29.1	29.3	26.2
	12 UTC	35.0	35.0	34.8	35.0	32.4	32.0	32.7	32.6	33.2	34.0	33.7	33.3	29.8
Sunshine Duration		12.8	12.8	12.6	11.8	11.3	11.8	12.5	12.1	11.5	12.4	12.2	11.5	11.6
Precipitation													4.5	4.2
Evaporation		11.7	14.3	14.1	9.4	8.1	11.7	8.3	6.1	10.7	9.7	104.1	107.5	94.6
Growing Degrees	5	24.5	24.4	24.2	21.4	20.1	20.6	18.1	17.5	22.2	21.9	214.9	225.9	190.4
	10	19.5	19.4	19.2	16.4	15.1	15.6	13.1	12.5	17.2	16.9	164.9	175.9	144.4

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	61.7	66.4	47.1
Precipitation - Reference Evapotranspiration	-61.7	-61.9	-42.9
Number of Rainy Days	0.0	1.0	0.6
Number of Dry Days	27.0	50.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

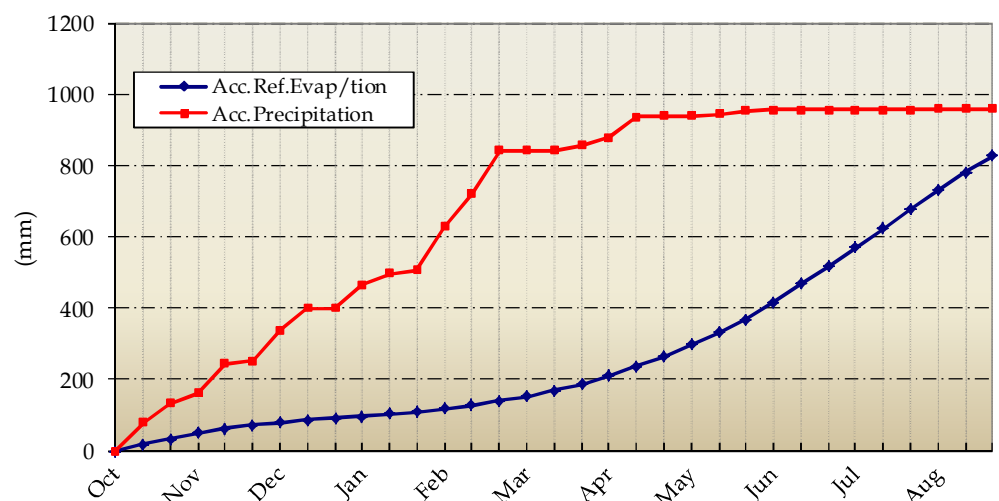


2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	36.1	37.3	37.7	36.2	33.4	31.7	32.6	33.7	33.2	33.9	34.6	34.5	31.7
	Min	21.3	20.2	18.5	18.5	17.9	17.6	19.7	21.0	21.2	20.4	19.6	18.7	19.7
Relative Humidity	Max	89	89	70	77	76	96	100	100	100	98	90	90	88
	Min	32	27	18	27	26	28	47	39	38	45	33	31	36
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	28.6
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	33.8
Sunshine Duration		13.1	13.1	12.5	12.3	11.9	12.4	11.7	12.4	11.9	11.6	12.3	12.1	11.5
Precipitation														1.0
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	83.9
Growing Degrees	5	23.7	23.8	23.1	22.4	20.7	19.7	21.2	22.4	22.2	22.2	221.1	216.2	170.7
	10	18.7	18.8	18.1	17.4	15.7	14.7	16.2	17.4	17.2	17.2	171.1	166.2	129.5

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	47.3	45.4	43.1
Precipitation - Reference Evapotranspiration	-47.3	-45.4	-42.1
Number of Rainy Days	0.0	0.0	0.1
Number of Dry Days	26.0	82.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

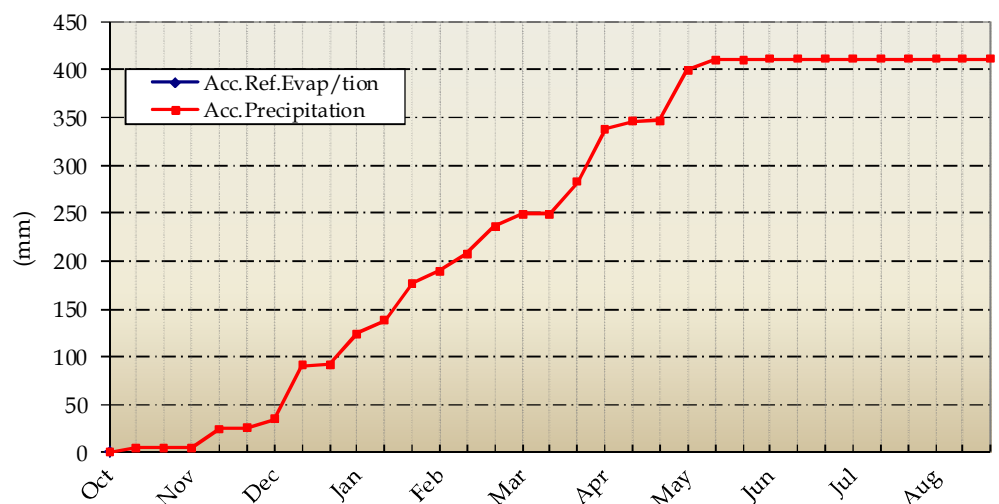


2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	30.4	29.6	29.0	28.0	26.8	26.6	28.0	29.6	29.6	30.0	28.8	29.5	29.5
	Min	23.4	23.2	24.0	25.6	24.6	24.4	23.0	20.4	21.2	22.0	23.2	23.6	23.0
Relative Humidity	Max	78	78	70	79	74	69	75	88	92	91	79	80	78
	Min	58	48	52	66	56	56	54	52	62	58	56	54	53
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		10.9	12.0	11.4	11.4	12.1	11.0	11.8	11.2	11.4	11.9	11.5	11.5	11.6
Precipitation														0.4
Evaporation		7.3	5.0	9.6	5.8	8.5	7.7	7.6	5.3	5.6	5.2	67.6	64.7	72.4
Growing Degrees	5	21.9	21.4	21.5	21.8	20.7	20.5	20.5	20.0	20.4	21.0	209.7	215.7	205.6
	10	16.9	16.4	16.5	16.8	15.7	15.5	15.5	15.0	15.4	16.0	159.7	165.7	157.3

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	0.0	0.0	0.1
Number of Dry Days	89.0	81.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

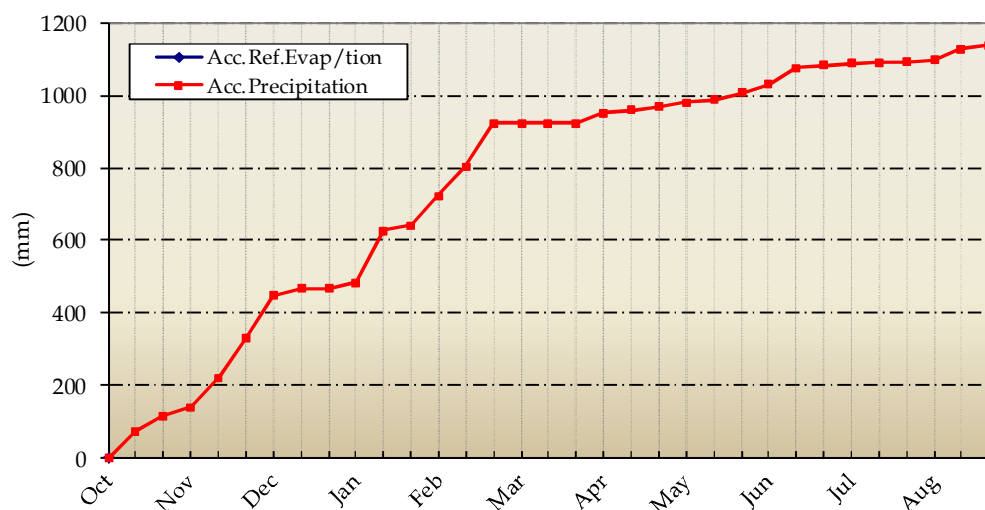


2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	36.9	35.8	34.3	32.2	30.8	32.2	32.7	32.0	33.8	34.4	33.5	33.4	32.0
	Min	17.4	15.9	16.4	27.0	16.2	12.5	18.0	18.3	15.6	18.4	17.6	20.3	15.8
Relative Humidity	Max	100	100	45	100	100	94	100	100	100	98	94	78	88
	Min	22	23	27	32	28	32	31	29	32	32	29	24	32
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	23.4
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	25.0
Sunshine Duration		11.7	11.6	11.8	4.7	9.8	10.9	9.3	9.6	9.8	9.9	9.9	9.9	10.0
Precipitation					0.3			6.6	0.7			7.6	2.3	8.4
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	
Growing Degrees	5	22.2	20.9	20.4	24.6	18.5	17.4	20.4	20.2	19.7	21.4	205.4	218.5	148.2
	10	17.2	15.9	15.4	19.6	13.5	12.4	15.4	15.2	14.7	16.4	155.4	168.5	109.1

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	34.9
Precipitation - Reference Evapotranspiration	-	-	-26.5
Number of Rainy Days	3.0	1.0	1.3
Number of Dry Days	9.0	7.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

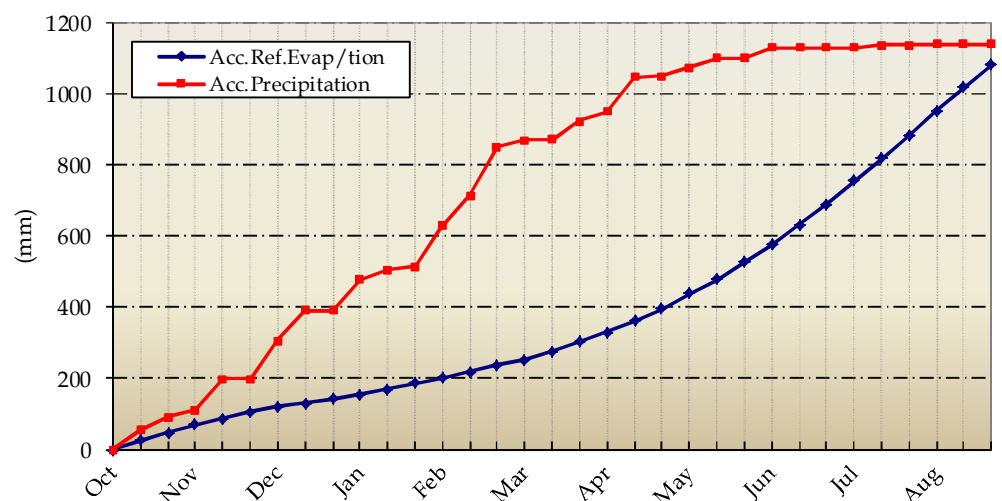


2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.8	37.8	37.8	32.9	33.9	34.7	31.1	34.4	34.4	34.0	34.6	33.0	32.2
	Min	20.3	19.6	18.5	19.4	20.6	17.5	17.1	20.5	19.8	19.9	19.3	18.7	19.4
Relative Humidity	Max	94	94	85	85	86	85	93	92	93	84	89	86	84
	Min	24	19	24	24	27	25	42	30	25	32	27	32	33
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	26.1
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	29.2
Sunshine Duration		12.1	12.0	12.2	10.9	10.8	12.2	11.7	11.7	11.8	12.0	11.7	12.2	11.4
Precipitation														3.2
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	71.8
Growing Degrees	5	22.6	23.7	23.2	21.2	22.3	21.1	19.1	22.5	22.1	22.0	219.5	208.8	188.4
	10	17.6	18.7	18.2	16.2	17.3	16.1	14.1	17.5	17.1	17.0	169.5	158.8	143.1

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	63.1	62.8	48.5
Precipitation - Reference Evapotranspiration	-63.1	-62.8	-45.3
Number of Rainy Days	0.0	0.0	0.6
Number of Dry Days	27.0	14.0	-

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

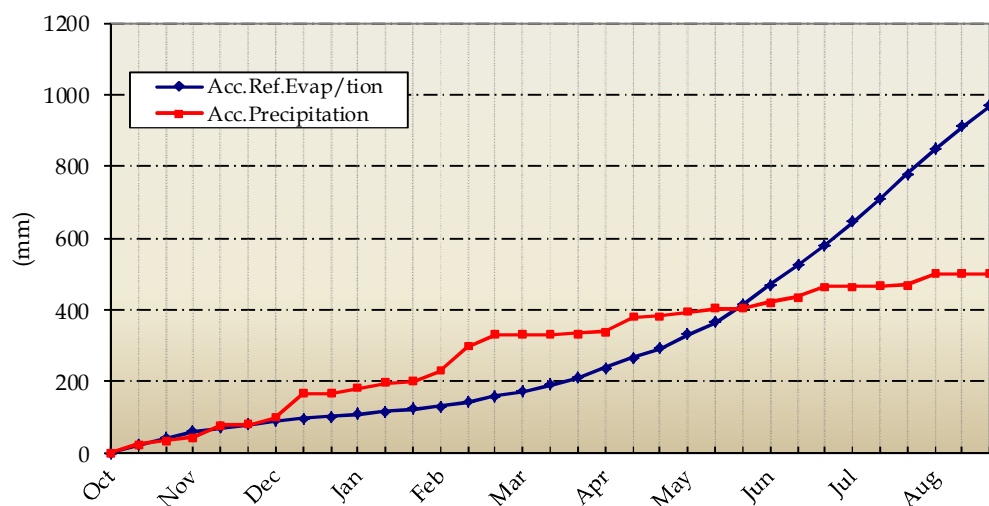
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	36.6	36.6	34.7	31.6	29.8	32.6	35.2	35.4	35.0	35.4	34.3	34.0	33.5
	Min	19.0	19.4	19.0	22.6	18.4	14.8	15.3	17.2	19.0	20.8	18.6	18.5	18.7
Relative Humidity	Max	72	70	71	74	68	79	83	92	89	84	78	73	76
	Min	28	18	26	34	31	28	26	30	26	28	28	26	26
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	27.2
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	28.9
Sunshine Duration		11.5	12.0	10.7	7.1	9.7	11.9	11.3	9.0	10.8	11.3	10.5	10.2	10.9
Precipitation														3.3
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	91.8
Growing Degrees	5	22.8	23.0	21.9	22.1	19.1	18.7	20.3	21.3	22.0	23.1	214.2	212.7	195.4
	10	17.8	18.0	16.9	17.1	14.1	13.7	15.3	16.3	17.0	18.1	164.2	162.7	149.2

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	59.8	60.4	57.5
Precipitation - Reference Evapotranspiration	-59.8	-60.4	-54.2
Number of Rainy Days	0.0	0.0	0.8
Number of Dry Days	27.0	14.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

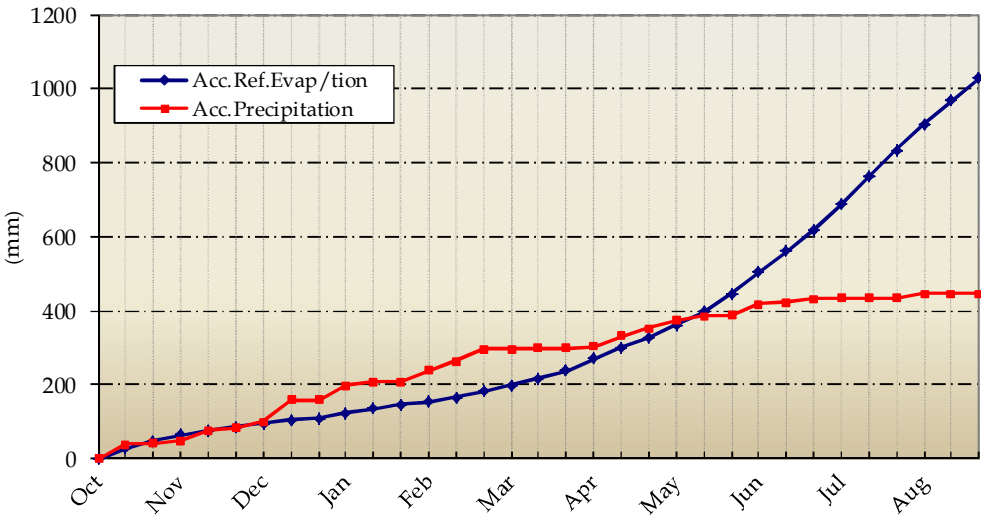


2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	35.1	35.5	35.0	30.6	29.2	30.2	31.1	32.0	34.6	33.8	32.7	32.4	32.4
	Min	22.5	21.9	22.9	25.6	21.1	19.6	18.0	19.4	20.2	21.2	21.2	22.3	20.8
Relative Humidity	Max	67	69	74	66	66	72	79	78	84	82	74	73	73
	Min	31	26	29	36	34	38	39	38	32	38	34	36	31
Soil Temperature at 10 cm	06 UTC	29.0	29.2	29.0	29.8	28.0	27.2	27.2	27.4	28.0	28.6	28.3	28.6	27.7
	12 UTC	34.6	34.0	33.2	33.0	34.4	31.2	31.0	33.5	32.0	31.6	32.8	32.1	32.5
Sunshine Duration		12.3	12.8	11.6	7.2	11.6	12.7	12.2	11.4	10.9	12.1	11.5	11.0	11.0
Precipitation													0.0	2.3
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	90.8
Growing Degrees	5	23.8	23.7	24.0	23.1	20.2	19.9	19.6	20.7	22.4	22.5	219.8	223.7	199.7
	10	18.8	18.7	19.0	18.1	15.2	14.9	14.6	15.7	17.4	17.5	169.8	173.7	153.5

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	59.3	57.4	55.6
Precipitation - Reference Evapotranspiration	-59.3	-57.4	-53.3
Number of Rainy Days	0.0	0.0	0.9
Number of Dry Days	26.0	15.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

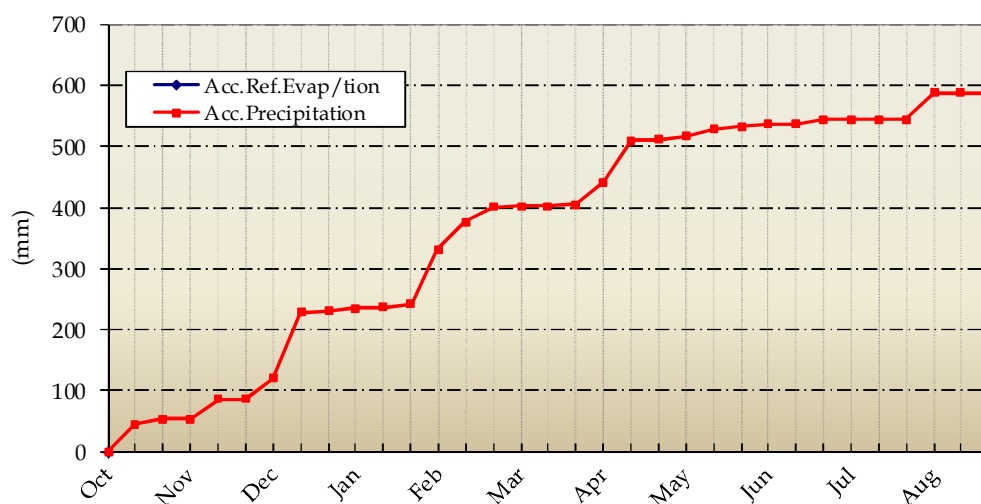


2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	33.4	33.0	30.4	28.8	26.7	28.3	31.8	34.2	33.9	35.0	31.6	31.3	32.1
	Min	22.4	19.7	21.1	22.7	19.5	21.5	16.9	17.0	19.8	19.6	20.0	21.0	19.7
Relative Humidity	Max	58	61	56	63	56	51	65	79	72	72	63	60	69
	Min	20	17	40	26	30	25	25	22	29	24	26	26	26
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		12.5	12.5	12.2	12.0	12.6	12.5	12.3	11.1	12.1	12.0	12.2	11.5	11.6
Precipitation														1.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	95.5
Growing Degrees	5	22.9	21.4	20.8	20.8	18.1	19.9	19.4	20.6	21.9	22.3	207.9	211.2	183.3
	10	17.9	16.4	15.8	15.8	13.1	14.9	14.4	15.6	16.9	17.3	157.9	161.2	139.5

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	-
Precipitation - Reference Evapotranspiration	-	-	-
Number of Rainy Days	0.0	0.0	0.3
Number of Dry Days	26.0	19.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

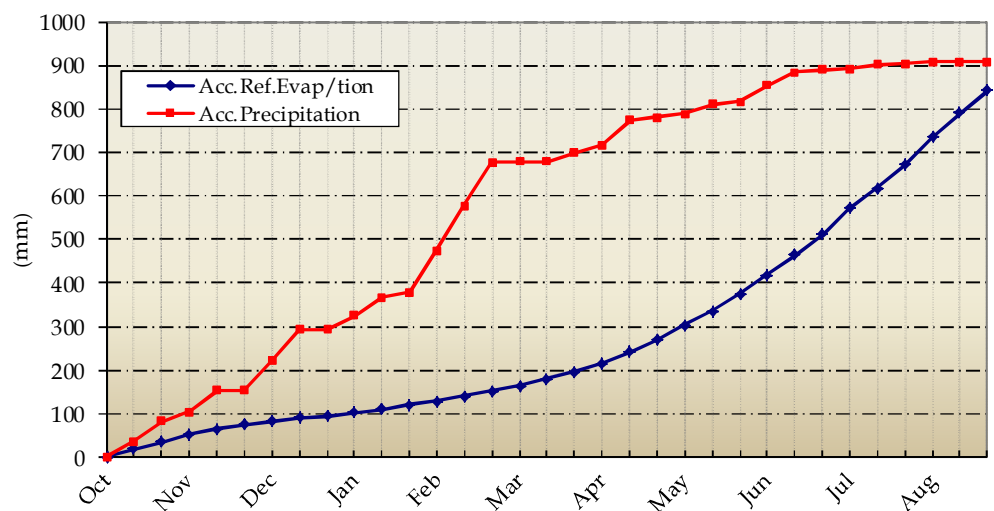


2nd 10-day period (11-20/08/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.3	33.2	32.6	31.0	29.2	30.4	32.3	32.3	33.0	33.1	32.1	31.6	31.4
	Min	16.8	16.8	19.1	20.8	16.4	11.2	10.5	13.9	13.1	14.8	15.3	16.1	14.8
Relative Humidity	Max	72	68	60	60	66	79	89	94	96	93	78	77	79
	Min	16	16	23	23	26	21	15	21	16	14	19	20	24
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	25.1
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	29.3
Sunshine Duration		12.1	12.1	12.0	11.1	11.3	12.0	9.6	9.0	10.4	11.7	11.1	10.3	10.7
Precipitation			0.0					0.0	0.2			0.2	12.7	11.8
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	55.9
Growing Degrees	5	20.6	20.0	20.9	20.9	17.8	15.8	16.4	18.1	18.1	19.0	187.4	188.4	143.9
	10	15.6	15.0	15.9	15.9	12.8	10.8	11.4	13.1	13.1	14.0	137.4	138.4	104.2

2nd 10-day period (11-20/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	52.9	49.5	32.5
Precipitation - Reference Evapotranspiration	-52.7	-36.8	-20.7
Number of Rainy Days	1.0	3.0	1.2
Number of Dry Days	24.0	12.0	-

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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