



AGROMETEOROLOGICAL BULLETIN

September 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



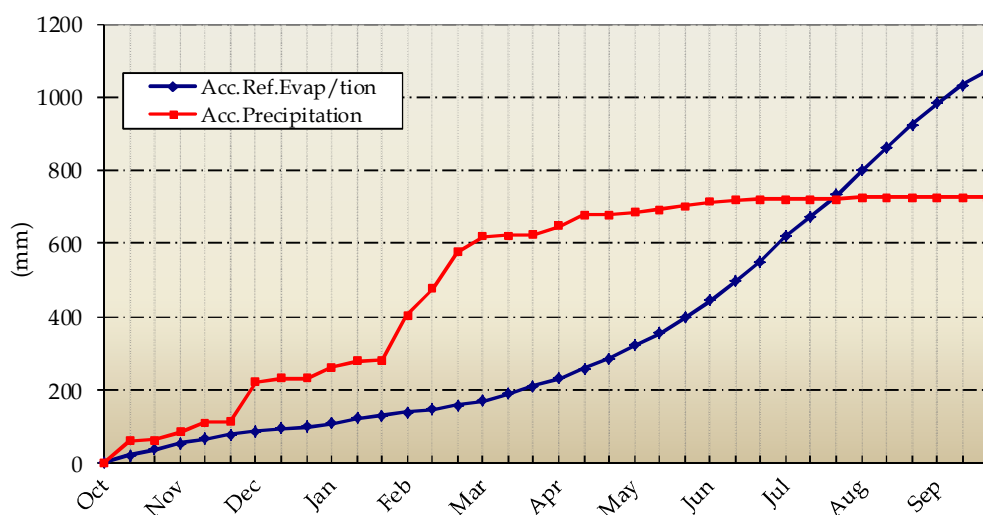
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2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.0	32.4	24.8	26.4	27.0	28.0	29.4	28.4	29.8	29.0	28.9	29.6	27.4
	Min	18.4	17.8	19.2	13.0	16.8	17.0	12.4	13.6	13.4	16.2	15.8	15.9	15.6
Relative Humidity	Max	81	80	75	88	71	85	88	83	86	83	82	78	82
	Min	32	29	49	35	40	32	30	33	35	35	35	36	40
Soil Temperature at 10 cm	06 UTC	27.2	27.3	27.6	24.2	25.0	24.6	24.0	24.4	24.4	24.6	25.3	25.4	22.4
	12 UTC	32.8	32.6	29.4	30.0	30.0	28.8	29.6	29.8	29.6	29.4	30.2	30.8	26.1
Sunshine Duration		11.2	10.7	4.1	11.0	5.0	7.7	10.8	10.9	10.6	10.3	9.2	9.9	9.0
Precipitation				0.0								0.0		4.6
Evaporation		10.0	8.4	6.6	8.0	5.3	8.7	7.0	8.2	11.1	8.7	82.0	74.9	68.9
Growing Degrees	5	21.2	20.1	17.0	14.7	16.9	17.5	15.9	16.0	16.6	17.6	173.5	177.4	151.2
	10	16.2	15.1	12.0	9.7	11.9	12.5	10.9	11.0	11.6	12.6	123.5	127.4	105.5

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	39.3	41.7	30.2
Precipitation - Reference Evapotranspiration	-39.3	-41.7	-25.6
Number of Rainy Days	0.0	0.0	0.6
Number of Dry Days	58.0	32.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

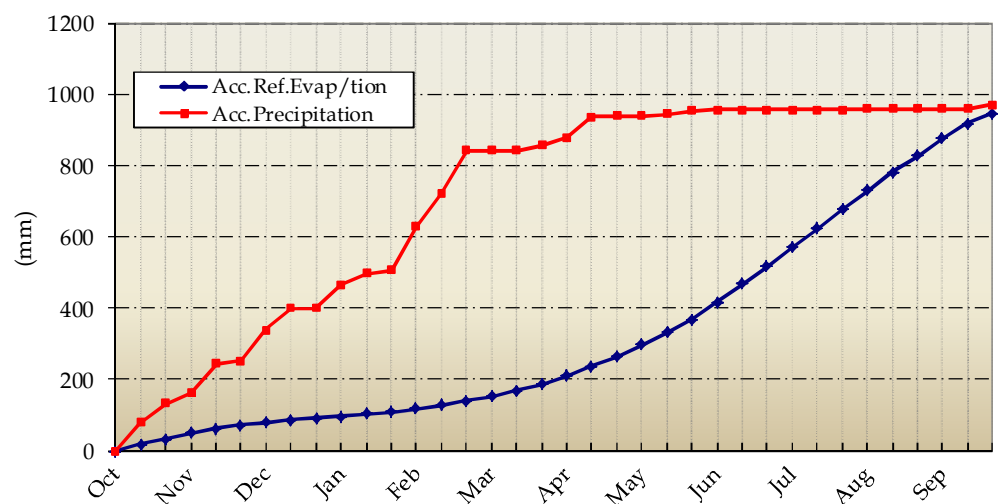


2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	32.1	33.1	30.5	31.7	22.0	29.8	28.5	29.4	30.0	31.0	29.8	31.3	28.5
	Min	21.5	19.9	22.6	19.6	19.6	17.0	12.9	16.8	18.6	19.7	18.8	18.5	17.2
Relative Humidity	Max	100	100	83	85	100	100	100	100	100	100	97	94	89
	Min	52	40	50	31	64	30	27	36	40	48	42	37	41
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	24.6
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	29.0
Sunshine Duration		10.9	11.1	7.7	9.1	0.0	6.9	10.8	10.7	8.8	6.2	8.2	10.6	9.1
Precipitation						11.1	0.4					11.5		10.3
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	58.4
Growing Degrees	5	21.8	21.5	21.6	20.7	15.8	18.4	15.7	18.1	19.3	20.4	193.2	198.6	151.4
	10	16.8	16.5	16.6	15.7	10.8	13.4	10.7	13.1	14.3	15.4	143.2	148.6	109.0

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	30.2	33.6	26.5
Precipitation - Reference Evapotranspiration	-18.7	-33.6	-16.2
Number of Rainy Days	2.0	0.0	1.4
Number of Dry Days	51.0	20.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

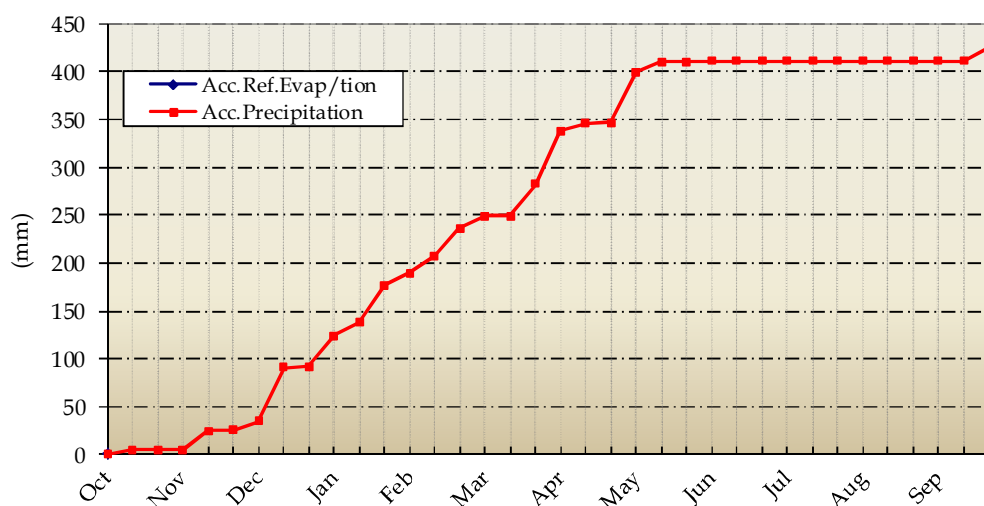


2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	28.4	29.8	31.0	28.2	26.2	25.8	25.8	26.8	27.8	27.0	27.7	28.2	27.4
	Min	19.6	20.0	20.8	22.0	20.4	19.6	20.4	22.2	19.4	22.0	20.6	21.5	20.3
Relative Humidity	Max	92	85	90	89	87	96	93	65	73	69	84	75	84
	Min	55	46	28	58	55	54	52	50	47	56	50	48	57
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		11.2	10.9	10.5	10.2	2.0	3.4	8.7	10.9	10.9	10.7	8.9	10.7	9.3
Precipitation						0.0	9.1	5.1				14.2		6.7
Evaporation		3.3	5.7	4.8	5.2	1.5	3.1	5.3	8.9	5.0	5.7	48.5	67.2	52.8
Growing Degrees	5	19.0	19.9	20.9	20.1	18.3	17.7	18.1	19.5	18.6	19.5	191.6	198.3	181.2
	10	14.0	14.9	15.9	15.1	13.3	12.7	13.1	14.5	13.6	14.5	141.6	148.3	133.3

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	2.0	0.0	0.8
Number of Dry Days	115.0	112.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

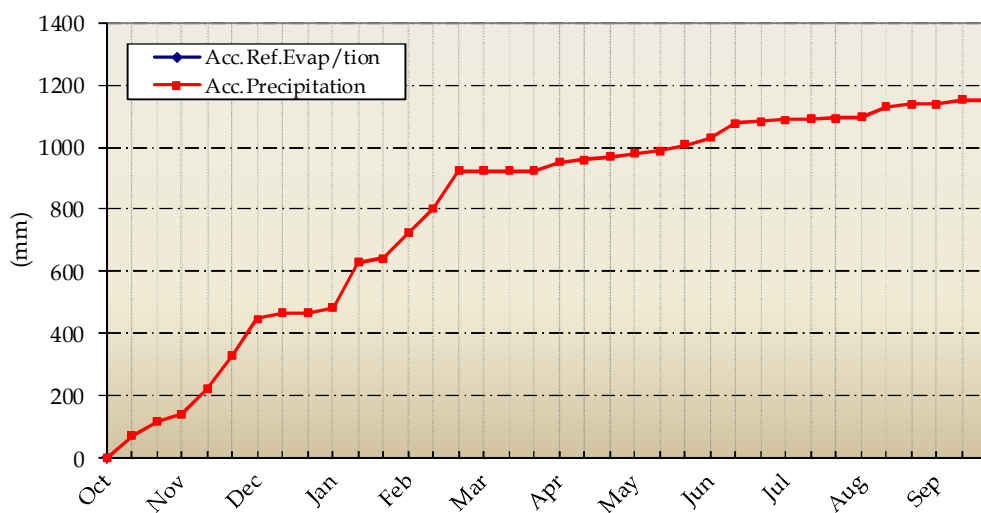


2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	35.5	33.2	30.0	28.9	27.2	27.1	28.6	29.7	29.8	28.6	29.9	30.3	26.6
	Min	14.0	15.0	14.8	12.4	19.0	17.9	9.8	11.8	13.0	15.0	14.3	13.5	12.5
Relative Humidity	Max	90	100	100	85	72	100	100	100	100	100	95	87	93
	Min	23	31	28	29	30	30	27	30	30	39	30	28	41
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	19.0
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	20.1
Sunshine Duration		11.3	6.9	9.8	9.9	7.9	7.7	10.9	9.7	7.0	3.4	8.4	9.9	6.9
Precipitation										0.0		0.0	0.7	13.4
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	
Growing Degrees	5	19.8	19.1	17.4	15.7	18.1	17.5	14.2	15.8	16.4	16.8	170.7	169.0	108.7
	10	14.8	14.1	12.4	10.7	13.1	12.5	9.2	10.8	11.4	11.8	120.7	119.0	71.4

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	16.1
Precipitation - Reference Evapotranspiration	-	-	-2.7
Number of Rainy Days	0.0	1.0	1.8
Number of Dry Days	19.0	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

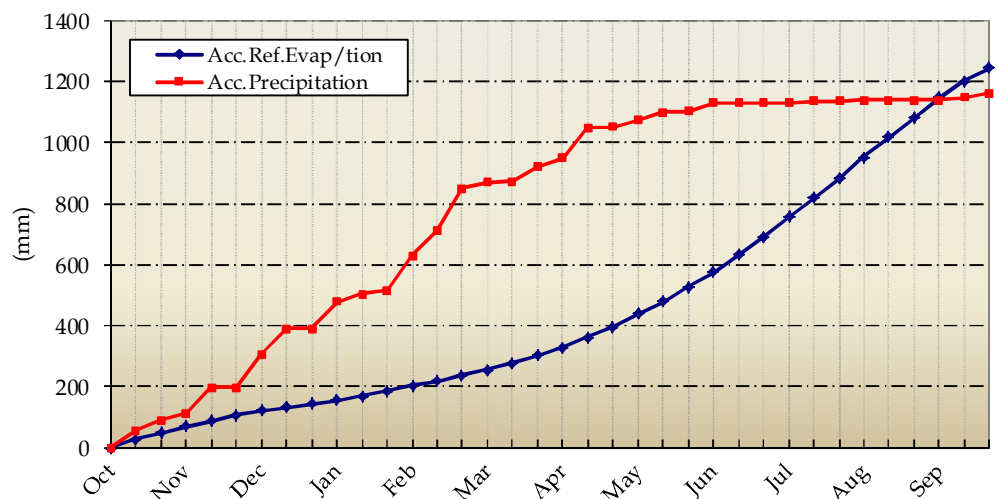


2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	31.7	34.0	31.3	30.3	25.1	27.3	28.4	30.0	30.0	29.9	29.8	31.5	29.0
	Min	21.3	22.2	22.8	16.9	17.7	16.8	16.6	13.9	17.7	19.5	18.5	18.8	16.7
Relative Humidity	Max	90	91	84	94	96	96	84	92	92	93	91	83	88
	Min	42	34	35	31	54	42	30	30	40	47	38	36	40
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	23.4
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	25.9
Sunshine Duration		11.3	11.2	7.3	6.7	0.0	2.3	10.8	10.8	10.0	7.3	7.8	10.6	9.2
Precipitation						7.7	6.9				0.0	14.6		14.4
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	58.5
Growing Degrees	5	21.5	23.1	22.1	18.6	16.4	17.1	17.5	17.0	18.9	19.7	191.7	201.5	162.3
	10	16.5	18.1	17.1	13.6	11.4	12.1	12.5	12.0	13.9	14.7	141.7	151.5	117.0

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration		42.3	49.6
Precipitation - Reference Evapotranspiration		-27.7	-49.6
Number of Rainy Days		2.0	0.0
Number of Dry Days		10.0	45.0

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

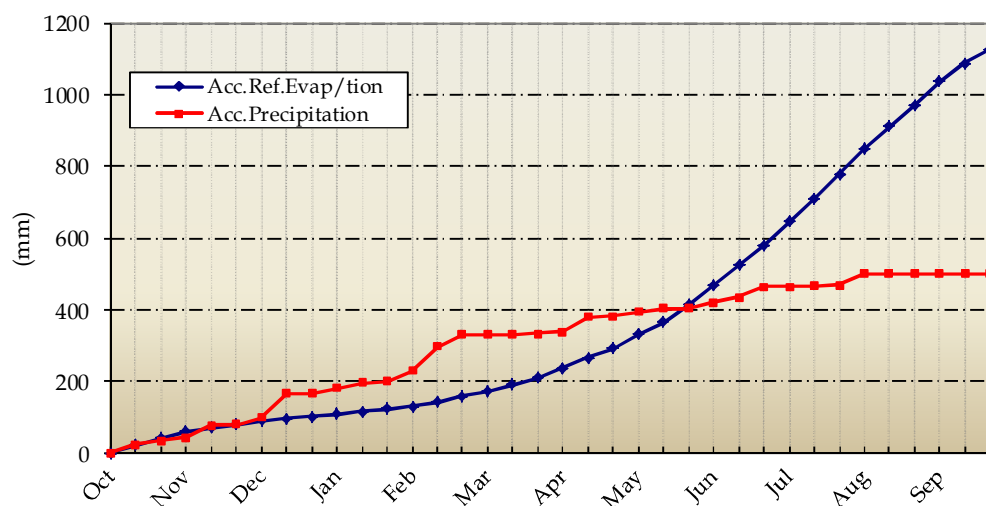
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	35.7	35.4	31.9	30.4	24.2	27.8	30.6	32.4	30.4	30.4	30.9	31.5	29.4
	Min	14.8	17.0	19.6	17.8	16.8	14.8	10.1	12.8	14.0	15.4	15.3	15.6	14.9
Relative Humidity	Max	86	100	100	55	100	100	84	88	100	88	90	82	87
	Min	21	24	25	23	54	30	23	22	32	38	29	30	33
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	23.3
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	25.3
Sunshine Duration		10.6	8.3	10.3	9.9	0.0	9.9	10.2	10.2	8.0	5.7	8.3	9.6	7.2
Precipitation			0.2			1.4						1.6		8.9
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	69.5
Growing Degrees	5	20.3	21.2	20.8	19.1	15.5	16.3	15.4	17.6	17.2	17.9	181.2	185.4	156.5
	10	15.3	16.2	15.8	14.1	10.5	11.3	10.4	12.6	12.2	12.9	131.2	135.4	111.0

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	40.4	45.7	38.1
Precipitation - Reference Evapotranspiration	-38.8	-45.7	-29.2
Number of Rainy Days	2.0	0.0	1.5
Number of Dry Days	49.0	45.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

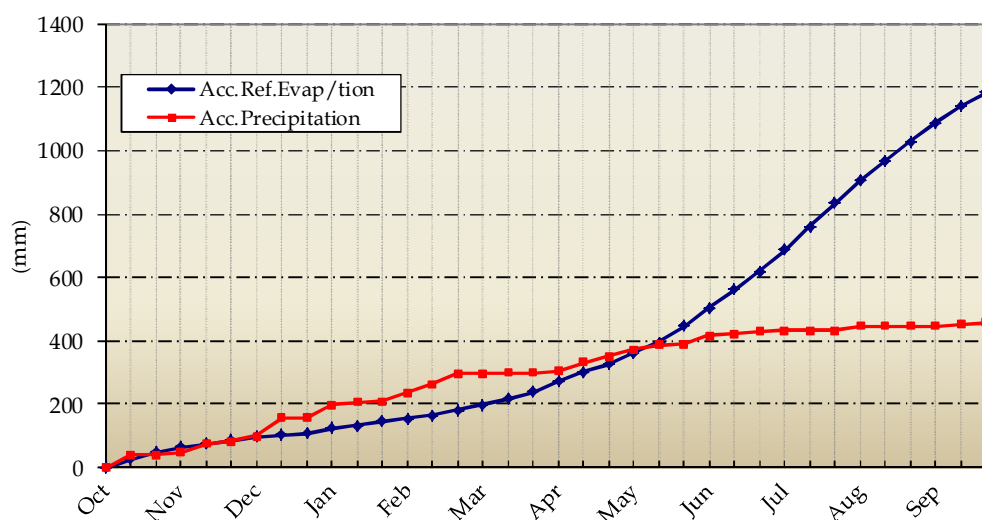


2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	33.8	32.3	27.8	27.8	26.2	26.8	29.2	28.8	29.3	27.8	29.0	29.5	27.9
	Min	19.3	20.0	20.6	15.6	17.0	16.0	14.4	17.0	17.8	18.4	17.6	17.8	16.9
Relative Humidity	Max	92	100	64	82	89	70	73	92	98	94	85	82	80
	Min	31	36	28	28	45	34	28	43	45	50	37	37	39
Soil Temperature at 10 cm	06 UTC	26.2	26.4	24.0	22.2	23.0	22.4	22.2	23.0	22.4	24.2	23.6	25.6	23.2
	12 UTC	28.6	28.2	25.0	26.2	25.6	25.8	29.0	27.4	28.0	24.8	26.9	29.1	27.0
Sunshine Duration		12.1	9.3	11.3	12.0	3.9	10.3	10.9	10.4	10.8	7.1	9.8	10.3	8.4
Precipitation			5.8									5.8	0.4	7.0
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	66.8
Growing Degrees	5	21.6	21.2	19.2	16.7	16.6	16.4	16.8	17.9	18.6	18.1	183.0	186.3	162.8
	10	16.6	16.2	14.2	11.7	11.6	11.4	11.8	12.9	13.6	13.1	133.0	136.3	116.0

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	43.7	44.3	27.9
Precipitation - Reference Evapotranspiration	-37.9	-43.9	-20.9
Number of Rainy Days	1.0	1.0	1.4
Number of Dry Days	7.0	40.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

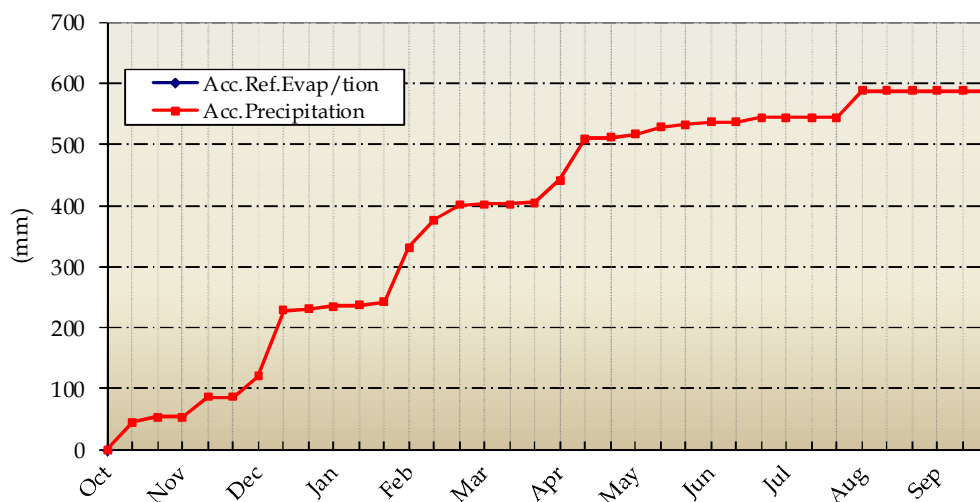


2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	33.6	34.8	30.1	27.4	26.0	25.0	26.9	29.7	29.8	28.1	29.1	29.5	28.3
	Min	17.0	14.9	18.4	18.2	19.5	16.9	14.6	12.4	15.1	15.0	16.2	17.2	16.5
Relative Humidity	Max	69	70	74	71	91	94	80	74	79	71	77	66	79
	Min	20	12	34	34	31	32	28	23	22	31	27	26	33
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		11.8	10.6	7.4	9.1	1.4	7.4	11.3	10.8	9.7	5.7	8.5	10.0	8.7
Precipitation						0.1						0.1		10.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	68.1
Growing Degrees	5	20.3	19.9	19.3	17.8	17.8	16.0	15.8	16.1	17.5	16.6	176.7	183.1	153.5
	10	15.3	14.9	14.3	12.8	12.8	11.0	10.8	11.1	12.5	11.6	126.7	133.1	109.5

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	1.0	0.0	1.0
Number of Dry Days	51.0	50.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

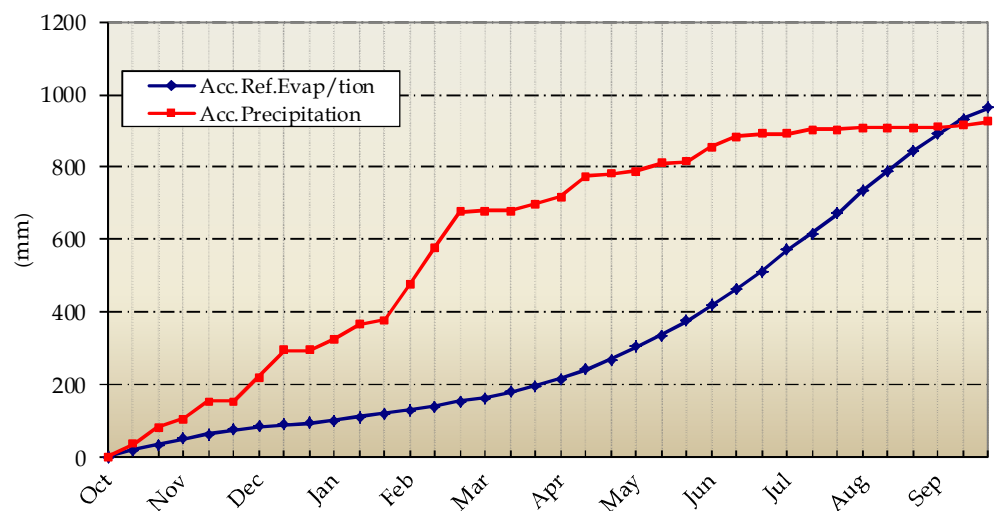


2nd 10-day period (11-20/09/2026)		11	12	13	14	15	16	17	18	19	20	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	32.3	34.0	28.8	25.8	17.9	23.3	25.9	29.4	27.5	28.7	27.4	29.1	27.1
	Min	13.3	13.4	15.6	11.2	15.2	14.4	11.6	8.4	11.4	14.7	12.9	13.8	11.3
Relative Humidity	Max	97	96	88	94	94	89	92	95	96	92	93	81	88
	Min	14	15	18	42	65	38	27	21	32	23	30	26	31
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	20.7
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	23.9
Sunshine Duration		10.1	10.5	10.5	7.4	0.0	4.4	10.3	8.7	5.6	7.2	7.5	9.0	8.5
Precipitation				0.0	0.0	8.5	1.5					10.0	1.0	7.6
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	38.1
Growing Degrees	5	17.8	18.7	17.2	13.5	11.6	13.9	13.8	13.9	14.5	16.7	151.4	164.6	107.3
	10	12.8	13.7	12.2	8.5	6.6	8.9	8.8	8.9	9.5	11.7	101.4	114.6	69.4

2nd 10-day period (11-20/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	31.5	38.4	17.2
Precipitation - Reference Evapotranspiration	-21.5	-37.4	-9.6
Number of Rainy Days	2.0	1.0	1.4
Number of Dry Days	5.0	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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