



AGROMETEOROLOGICAL BULLETIN

September 2026
3rd 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



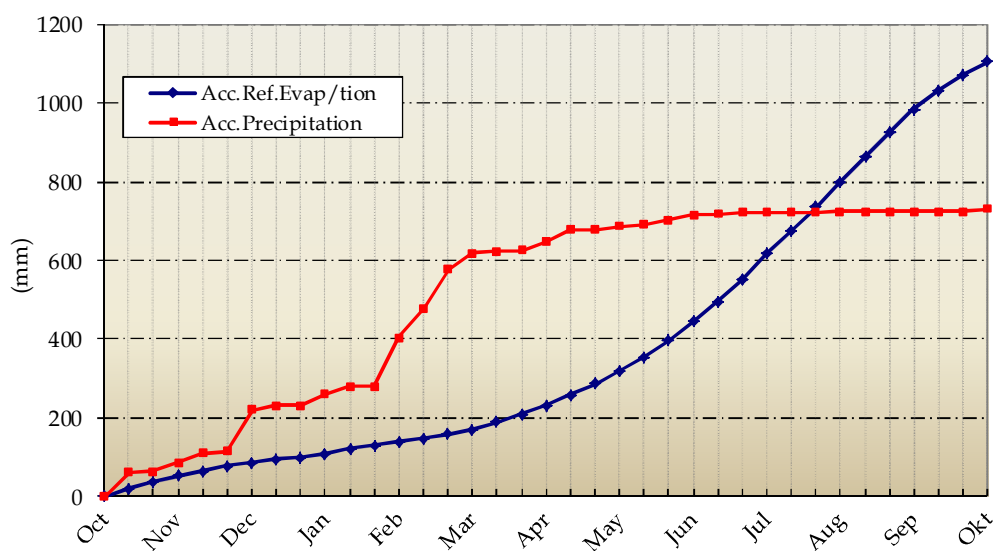
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3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	26.0	23.0	22.0	22.2	24.8	24.8	24.8	26.0	22.0	23.6	23.9	25.9	24.9
	Min	13.0	14.0	10.6	8.0	8.0	16.0	17.8	18.4	16.4	18.4	14.1	15.6	13.9
Relative Humidity	Max	83	92	90	87	87	70	69	56	77	63	77	80	85
	Min	52	45	43	35	36	46	36	30	52	42	42	42	45
Soil Temperature at 10 cm	06 UTC	24.4	24.6	20.8	18.8	18.6	20.6	21.0	21.0	21.8	20.6	21.2	23.0	20.1
	12 UTC	28.0	24.6	23.4	24.2	24.0	24.6	23.0	25.2	22.0	21.8	24.1	27.6	23.1
Sunshine Duration		8.1	0.2	8.4	10.7	8.5	7.0	4.6	9.5	0.0	3.4	6.0	8.5	7.3
Precipitation			5.4							0.3		5.7	0.6	17.6
Evaporation		5.0	2.4	5.8	4.9	7.3	5.7	8.3	8.5	3.1	8.9	59.9	57.7	50.9
Growing Degrees	5	14.5	13.5	11.3	10.1	11.4	15.4	16.3	17.2	14.2	16.0	139.9	157.5	128.6
	10	9.5	8.5	6.3	5.1	6.4	10.4	11.3	12.2	9.2	11.0	89.9	107.5	83.8

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	33.2	35.4	27.7
Precipitation - Reference Evapotranspiration	-27.5	-34.8	-10.1
Number of Rainy Days	2.0	1.0	1.6
Number of Dry Days	59.0	40.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

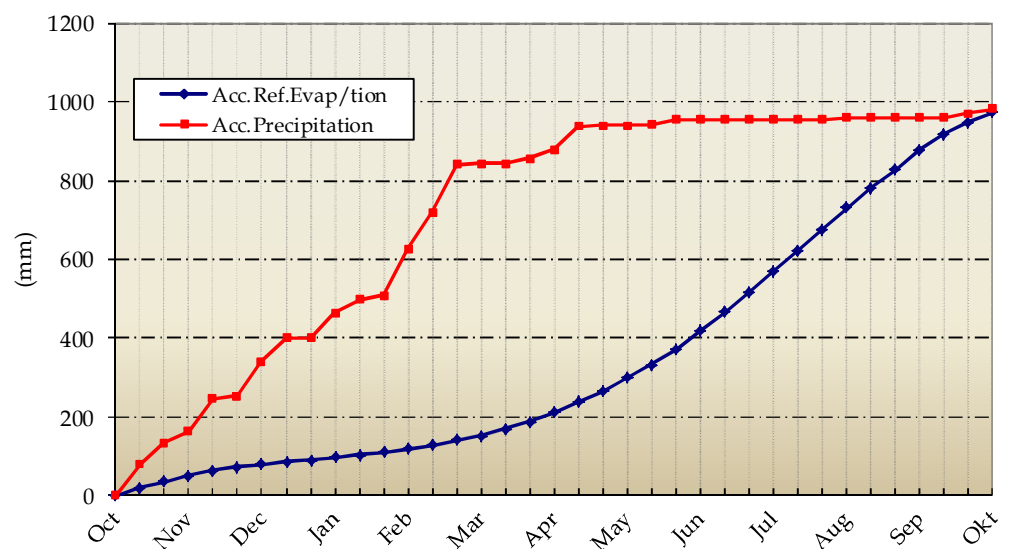


3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	30.0	28.1	25.0	26.0	27.0	24.7	26.6	26.0	27.5	26.6	26.8	27.4	26.5
	Min	19.1	20.6	15.9	12.2	16.0	14.6	18.4	11.3	13.2	14.9	15.6	17.0	16.1
Relative Humidity	Max	100	100	92	96	100	100	82	95	88	65	92	96	90
	Min	47	50	35	28	38	52	33	37	24	35	38	48	42
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	22.2
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	26.5
Sunshine Duration		10.1	6.2	10.1	10.5	6.6	9.0	10.0	10.5	10.0	6.6	9.0	8.2	7.8
Precipitation			6.9				4.1					11.0	46.2	16.1
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	54.0
Growing Degrees	5	19.6	19.4	15.5	14.1	16.5	14.7	17.5	13.7	15.4	15.8	161.9	171.9	135.8
	10	14.6	14.4	10.5	9.1	11.5	9.7	12.5	8.7	10.4	10.8	111.9	121.9	94.1

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	26.0	26.0	28.8
Precipitation - Reference Evapotranspiration	-15.0	20.2	-12.7
Number of Rainy Days	2.0	2.0	1.8
Number of Dry Days	5.0	27.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

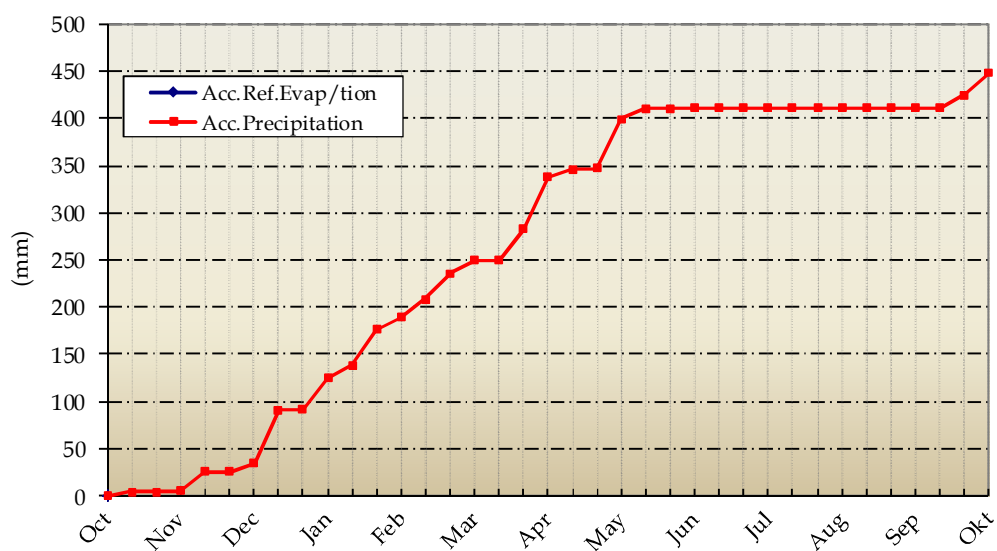


3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	27.0	28.0	25.2	23.6	24.6	25.4	22.0	24.4	24.0	23.2	24.7	26.2	26.4
	Min	23.4	19.6	22.0	19.4	15.6	16.8	17.6	21.0	20.0	20.8	19.6	19.4	19.4
Relative Humidity	Max	68	75	91	64	78	92	94	77	78	92	81	85	84
	Min	50	50	64	39	51	46	67	51	47	64	53	54	57
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		10.3	8.6	4.2	10.6	9.4	3.2	1.1	8.7	8.5	6.5	7.1	9.5	8.0
Precipitation				6.9				10.6	0.2		5.3	23.0	0.6	4.1
Evaporation		18.7	2.4	3.3	8.1	1.4	2.2	1.6	9.1	2.2	6.4	55.4	42.7	46.0
Growing Degrees	5	20.2	18.8	18.6	16.5	15.1	16.1	14.8	17.7	17.0	17.0	171.8	178.0	173.8
	10	15.2	13.8	13.6	11.5	10.1	11.1	9.8	12.7	12.0	12.0	121.8	128.0	125.3

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration		-	-
Precipitation - Reference Evapotranspiration		-	-
Number of Rainy Days		4.0	1.0
Number of Dry Days		5.0	120.0

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



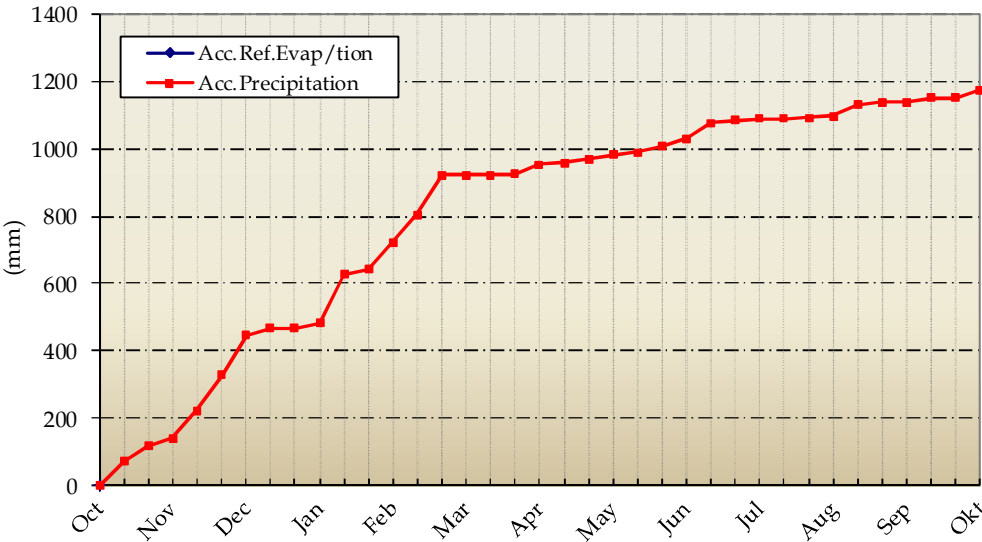
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3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	30.2	20.7	23.0	23.4	20.8	19.2	22.6	22.4	25.5	21.2	22.9	26.7	24.0
	Min	12.0	13.0	11.0	5.6	5.4	10.0	11.8	8.0	8.4	13.3	9.8	12.6	11.3
Relative Humidity	Max	100	100	88	100	100	100	100	100	100	98	99	98	95
	Min	29	27	23	24	44	42	36	35	28	37	32	36	47
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	17.7
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	18.7
Sunshine Duration		9.9	4.9	10.7	10.7	2.0	4.4	9.0	10.4	8.3	7.1	7.7	7.0	5.8
Precipitation			12.5			10.5	0.9				0.0	23.9	11.8	28.0
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	
Growing Degrees	5	16.1	11.9	12.0	9.5	8.1	9.6	12.2	10.2	12.0	12.3	113.8	146.5	103.9
	10	11.1	6.9	7.0	4.5	3.1	4.6	7.2	5.2	7.0	7.3	63.8	96.5	62.6

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	29.4
Precipitation - Reference Evapotranspiration	-	-	-1.4
Number of Rainy Days	3.0	5.0	2.4
Number of Dry Days	20.0	13.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

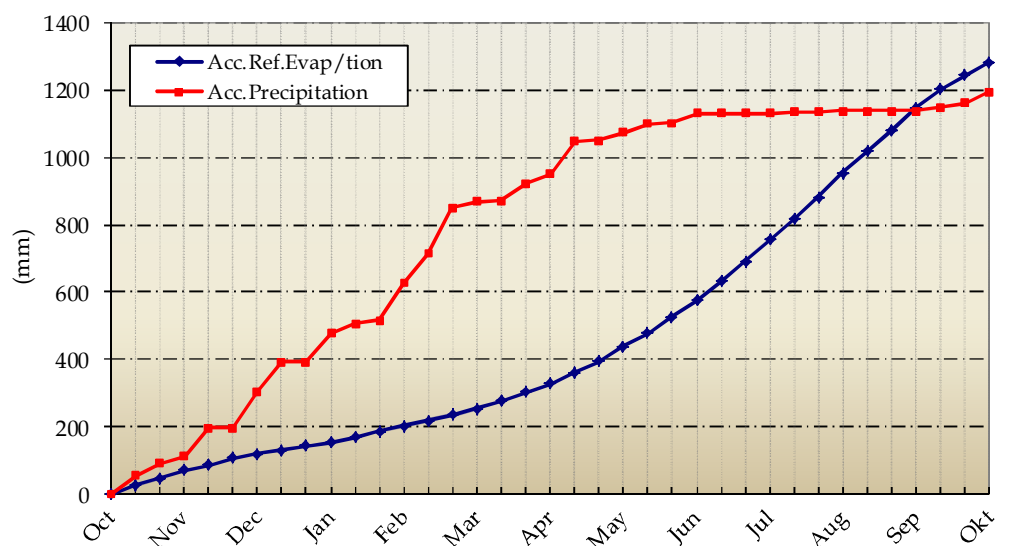


3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	29.7	29.7	27.0	26.7	26.7	26.1	27.5	27.2	26.9	26.9	27.4	29.1	27.3
	Min	18.3	18.0	15.2	13.2	12.3	14.5	15.6	15.4	13.6	15.0	15.1	16.5	15.6
Relative Humidity	Max	93	95	93	93	87	97	85	90	91	82	91	91	90
	Min	47	53	25	25	39	42	36	28	30	33	36	42	42
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	21.8
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	24.0
Sunshine Duration		10.7	5.1	9.9	10.6	9.8	5.9	6.7	10.4	7.9	6.0	8.3	8.0	8.0
Precipitation							30.2	0.2		0.7	0.4	31.5	13.3	17.1
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	50.4
Growing Degrees	5	19.0	18.9	16.1	15.0	14.5	15.3	16.6	16.3	15.3	16.0	162.8	178.4	148.9
	10	14.0	13.9	11.1	10.0	9.5	10.3	11.6	11.3	10.3	11.0	112.8	128.4	103.5

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	37.3	38.5	27.7
Precipitation - Reference Evapotranspiration	-5.8	-25.2	-10.6
Number of Rainy Days	4.0	3.0	2.1
Number of Dry Days	9.0	50.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

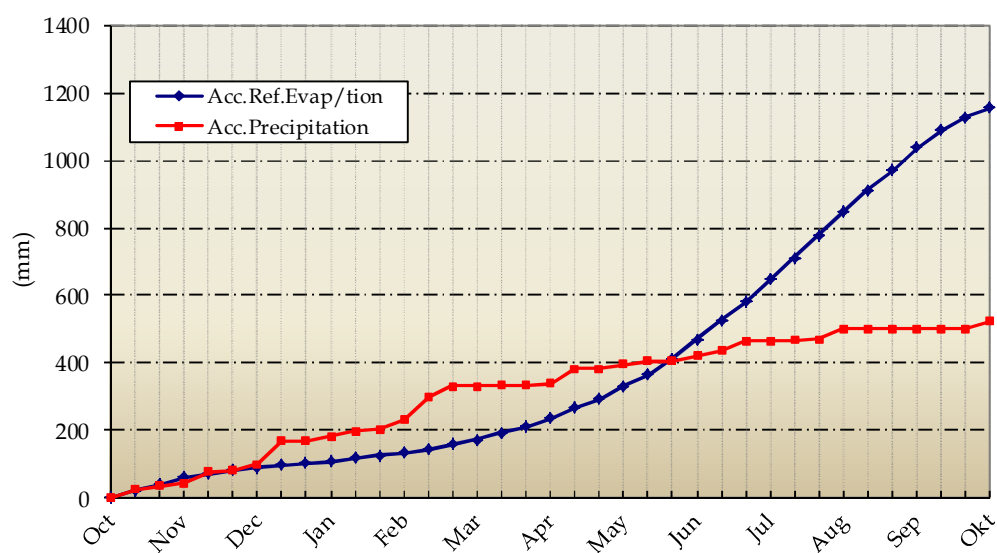


3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.3	25.8	24.0	24.4	23.8	19.6	24.3	25.8	24.8	23.4	25.0	26.6	26.6
	Min	14.4	15.2	12.0	6.6	9.0	14.2	15.2	9.5	11.0	16.2	12.3	14.0	13.5
Relative Humidity	Max	100	100	99	100	100	100	90	100	100	75	96	89	90
	Min	26	56	29	26	37	61	32	33	41	37	38	40	40
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	21.5
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	22.8
Sunshine Duration		9.0	1.3	10.2	9.8	4.7	0.0	6.7	9.7	5.2	2.5	5.9	6.4	5.3
Precipitation			10.0	0.2			11.5					21.7	9.2	15.6
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	52.5
Growing Degrees	5	19.4	15.5	13.0	10.5	11.4	11.9	14.8	12.7	12.9	14.8	136.8	153.2	135.5
	10	14.4	10.5	8.0	5.5	6.4	6.9	9.8	7.7	7.9	9.8	86.8	103.2	90.3

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration		28.4	32.6
Precipitation - Reference Evapotranspiration		-6.7	-23.4
Number of Rainy Days		3.0	3.0
Number of Dry Days		6.0	50.0

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

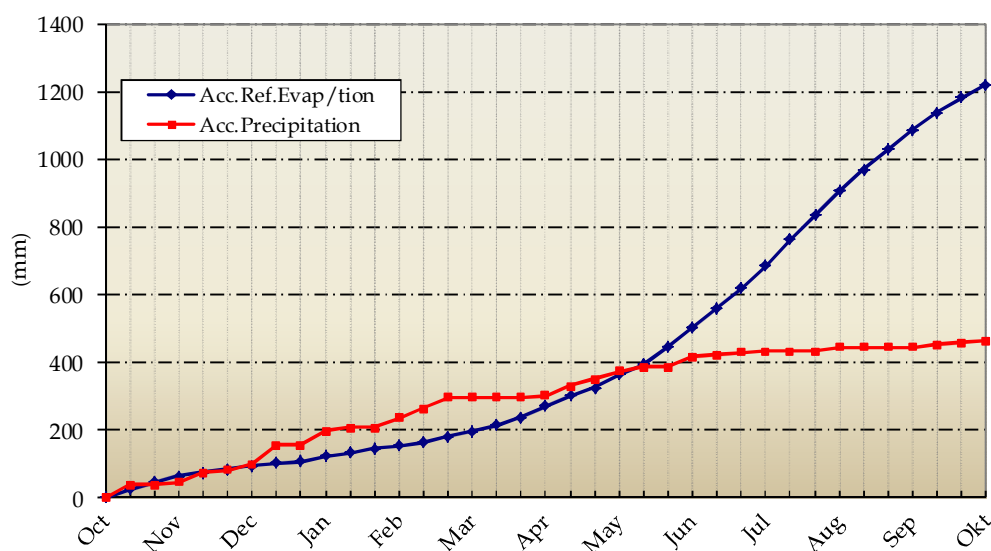


3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	30.0	25.6	23.6	24.4	24.6	22.4	25.9	26.0	25.0	25.0	25.2	25.7	25.4
	Min	17.8	17.4	14.8	10.6	13.0	17.1	17.6	12.3	13.1	18.2	15.2	15.8	15.3
Relative Humidity	Max	100	78	56	85	81	99	71	77	76	77	80	88	81
	Min	45	27	27	23	36	51	34	34	33	35	34	42	41
Soil Temperature at 10 cm	06 UTC	23.8	22.8	20.0	18.0	20.0	20.5	20.0	19.0	19.4	20.4	20.4	23.2	20.9
	12 UTC	26.0	23.2	21.6	21.8	26.0	20.6	24.6	22.2	22.0	23.8	23.2	26.6	24.4
Sunshine Duration		7.5	4.0	10.9	11.2	4.9	3.1	7.7	10.3	4.3	7.8	7.2	7.1	6.9
Precipitation			4.1				0.3			0.0		4.4	20.8	17.1
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	57.5
Growing Degrees	5	18.9	16.5	14.2	12.5	13.8	14.8	16.8	14.2	14.1	16.6	152.2	157.7	144.9
	10	13.9	11.5	9.2	7.5	8.8	9.8	11.8	9.2	9.1	11.6	102.2	107.7	97.7

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	36.4	29.8	26.9
Precipitation - Reference Evapotranspiration	-32.0	-9.0	-9.8
Number of Rainy Days	2.0	3.0	1.6
Number of Dry Days	9.0	12.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

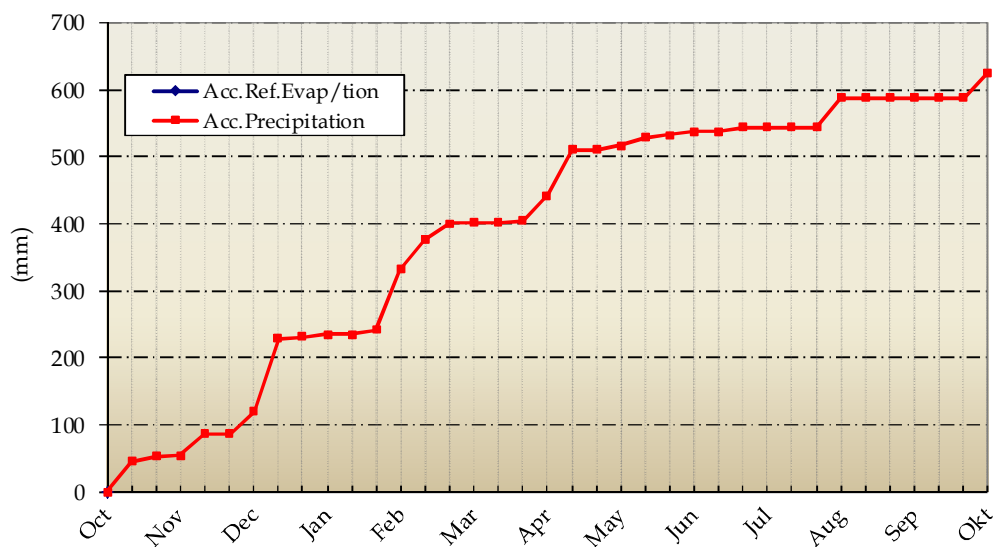


3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	31.2	22.8	20.2	22.6	24.2	19.9	20.2	22.8	23.6	18.1	22.6	25.3	26.2
	Min	14.8	18.9	14.3	10.2	11.0	12.8	14.8	13.7	11.4	15.6	13.8	15.3	15.1
Relative Humidity	Max	75	98	93	85	96	98	98	98	94	94	93	81	85
	Min	23	66	41	30	21	64	59	36	38	36	41	37	38
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunshine Duration		10.5	0.0	5.7	10.5	9.5	0.4	1.7	8.1	7.9	0.0	5.4	8.0	7.1
Precipitation			0.9	6.2			4.8	20.7		0.1	3.9	36.6	6.3	10.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	52.6
Growing Degrees	5	18.0	15.9	12.3	11.4	12.6	11.4	12.5	13.3	12.5	11.9	131.6	152.9	135.9
	10	13.0	10.9	7.3	6.4	7.6	6.4	7.5	8.3	7.5	6.9	81.6	102.9	92.2

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	6.0	2.0	1.6
Number of Dry Days	6.0	57.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



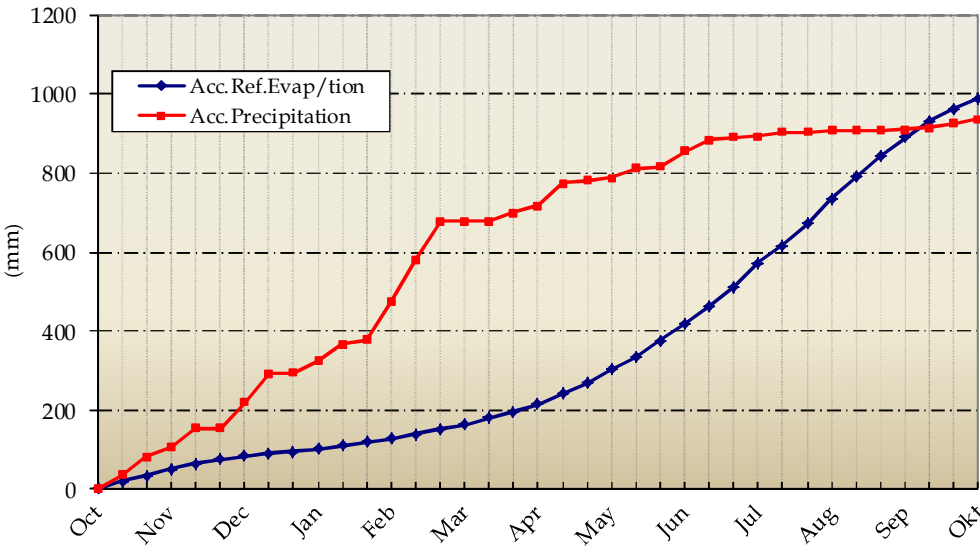
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3rd 10-day period (21-30/09/2026)		21	22	23	24	25	26	27	28	29	30	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	28.7	23.3	20.7	23.0	23.2	20.2	20.5	21.2	23.0	18.5	22.2	25.2	24.3
	Min	10.8	11.4	9.8	8.1	5.9	12.6	13.0	11.3	6.6	13.7	10.3	10.8	10.1
Relative Humidity	Max	94	98	98	97	96	96	80	91	96	80	93	95	92
	Min	23	49	43	24	22	55	45	42	27	48	38	32	40
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	18.7
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	21.6
Sunshine Duration		5.9	3.5	6.5	9.6	9.9	4.5	5.6	6.1	9.0	1.8	6.2	7.4	7.0
Precipitation			9.0	0.0	0.0		3.6	0.0	0.0		0.0	12.6	30.0	9.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	25.5
Growing Degrees	5	14.8	12.4	10.3	10.6	9.6	11.4	11.8	11.3	9.8	11.1	112.8	129.9	89.9
	10	9.8	7.4	5.3	5.6	4.6	6.4	6.8	6.3	4.8	6.1	62.8	79.9	52.8

3rd 10-day period (21-30/09/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	25.4	26.8	14.8
Precipitation - Reference Evapotranspiration	-12.8	3.2	-5.3
Number of Rainy Days	2.0	2.0	1.7
Number of Dry Days	5.0	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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