



AGROMETEOROLOGICAL BULLETIN

August 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



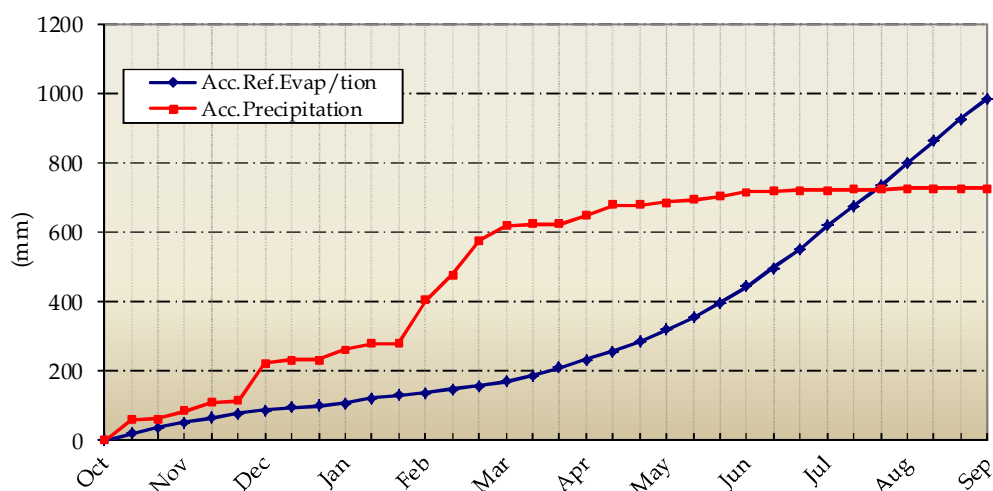
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3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	30	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	35.2	31.4	35.4	36.6	36.4	36.2	32.4	31.6	29.0	31.0	34.2	33.6	30.8	31.1
	Min	20.0	21.0	20.4	25.0	23.2	18.8	22.2	21.0	18.4	20.0	19.6	20.9	18.7	18.6
Relative Humidity	Max	66	87	85	62	61	73	79	75	73	77	70	73	75	77
	Min	24	44	45	26	20	24	43	39	35	48	27	34	39	34
Soil Temperature at 10 cm	06 UTC	29.0	29.6	30.0	30.8	30.6	30.2	30.7	30.6	28.0	28.8	28.6	29.7	27.1	25.7
	12 UTC	34.4	34.6	35.2	34.6	35.0	34.6	35.2	34.2	33.0	33.6	34.0	34.4	31.9	29.3
Sunshine Duration		12.4	11.7	10.5	12.0	12.1	10.7	11.7	11.0	12.1	11.2	11.8	11.6	12.0	11.5
Precipitation															2.8
Evaporation		8.5	8.0	9.0	6.0	13.4	11.6	9.0	9.0	9.0	8.0	8.9	100.4	92.8	99.8
Growing Degrees	5	22.6	21.2	22.9	25.8	24.8	22.5	22.3	21.3	18.7	20.5	21.9	244.5	217.3	202.4
	10	17.6	16.2	17.9	20.8	19.8	17.5	17.3	16.3	13.7	15.5	16.9	189.5	162.3	151.3

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	59.8	56.6	49.5
Precipitation - Reference Evapotranspiration	-59.8	-56.6	-46.7
Number of Rainy Days	0.0	0.0	0.6
Number of Dry Days	38.0	12.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

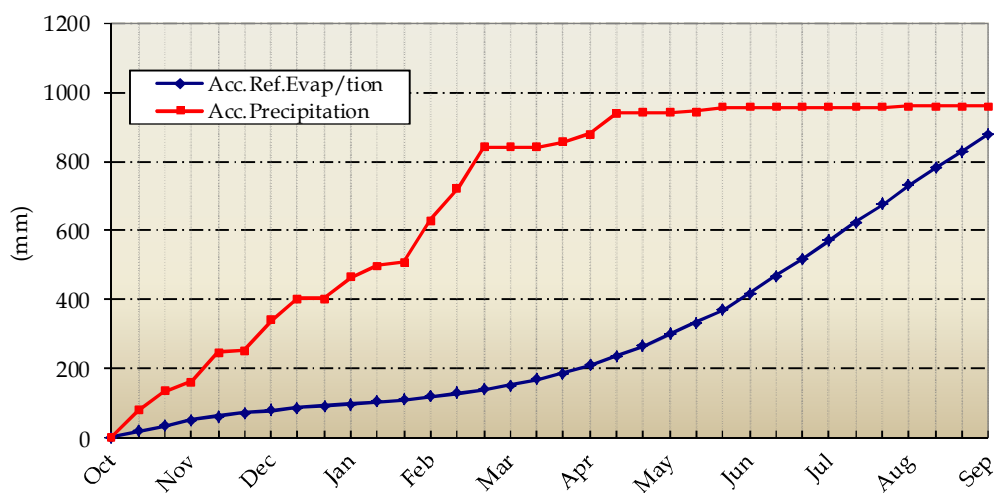


3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	20	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	33.2	33.7	34.5	36.1	35.0	33.8	35.4	36.7	33.0	33.8	32.0	34.3	31.8	31.5
	Min	21.7	21.0	21.9	21.8	22.2	22.2	22.9	21.7	23.7	23.6	23.6	22.4	19.5	19.2
Relative Humidity	Max	100	100	100	92	96	90	100	95	98	100	100	97	94	86
	Min	41	47	40	42	44	54	38	32	57	53	45	45	42	34
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	28.1
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	33.5
Sunshine Duration		11.9	11.7	10.8	11.6	11.6	11.8	12.0	10.1	9.7	10.1	10.2	11.0	11.3	11.0
Precipitation														1.9	3.9
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	-	83.8
Growing Degrees	5	22.5	22.4	23.2	24.0	23.6	23.0	24.2	24.2	23.4	23.7	22.8	256.8	226.9	186.3
	10	17.5	17.4	18.2	19.0	18.6	18.0	19.2	19.2	18.4	18.7	17.8	201.8	171.9	140.7

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	49.4	46.1	37.0
Precipitation - Reference Evapotranspiration	-49.4	-44.2	-33.1
Number of Rainy Days	0.0	1.0	0.3
Number of Dry Days	37.0	92.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

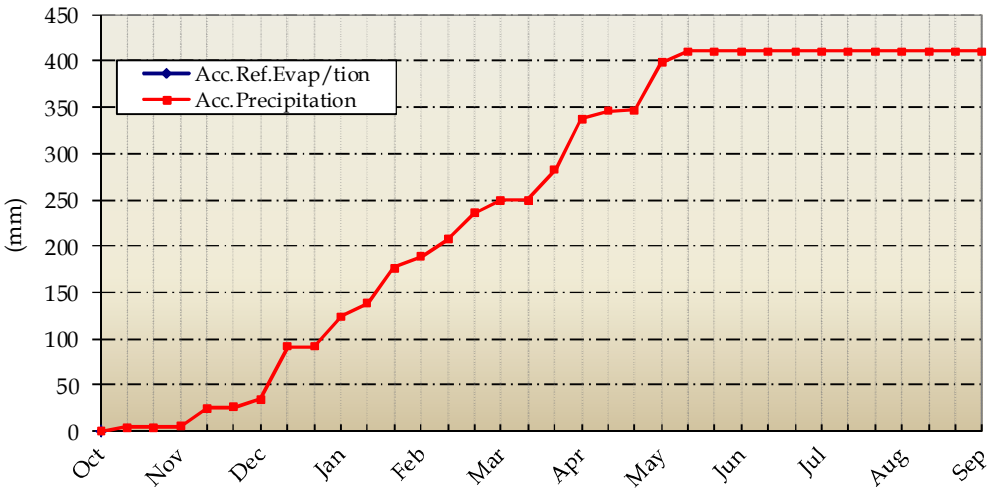


3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	20	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	30.0	32.0	30.2	31.0	32.0	33.0	31.0	32.6	28.2	29.2	29.8	30.8	29.6	29.1
	Min	21.6	22.0	24.0	24.0	22.4	23.6	24.8	25.6	25.8	25.0	26.0	24.1	23.3	22.4
Relative Humidity	Max	76	76	75	76	66	87	87	77	74	69	69	76	75	79
	Min	52	37	54	53	42	33	50	42	43	56	46	46	47	55
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sunshine Duration		12.2	11.7	11.7	11.7	11.5	11.2	11.3	11.3	11.1	10.7	11.2	11.4	11.6	11.3
Precipitation															0.8
Evaporation		6.9	4.4	7.4	4.7	7.9	2.7	11.0	8.4	7.7	7.5	5.1	73.7	82.3	70.3
Growing Degrees	5	20.8	22.0	22.1	22.5	22.2	23.3	22.9	24.1	22.0	22.1	22.9	246.9	235.8	220.9
	10	15.8	17.0	17.1	17.5	17.2	18.3	17.9	19.1	17.0	17.1	17.9	191.9	180.8	167.8

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	0.0	0.0	0.2
Number of Dry Days	100.0	92.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

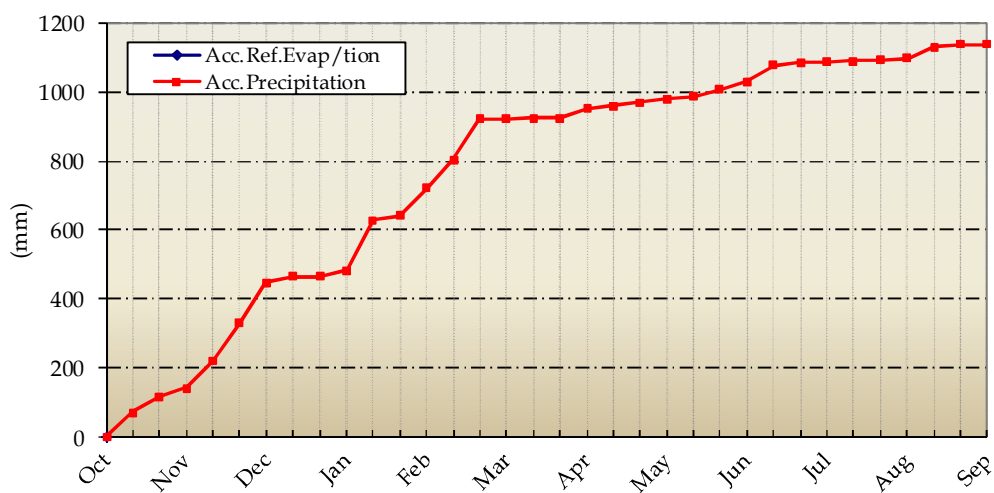


3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	20	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	36.0	35.2	36.7	37.0	37.0	34.6	37.2	38.7	37.5	36.0	35.3	36.5	32.0	31.1
	Min	18.0	15.2	16.6	18.0	18.5	17.2	18.0	17.1	21.0	18.7	18.3	17.9	13.5	15.4
Relative Humidity	Max	100	100	100	84	100	90	100	99	96	100	100	97	96	87
	Min	18	33	33	37	18	30	25	23	26	21	26	26	26	31
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	22.4
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8
Sunshine Duration		12.0	11.5	11.3	10.9	11.4	11.9	11.1	10.5	8.4	10.2	9.5	10.8	10.3	9.3
Precipitation														10.4	9.6
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	-	
Growing Degrees	5	22.0	20.2	21.7	22.5	22.8	20.9	22.6	22.9	24.3	22.4	21.8	243.9	195.0	150.5
	10	17.0	15.2	16.7	17.5	17.8	15.9	17.6	17.9	19.3	17.4	16.8	188.9	140.0	109.5

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	26.4
Precipitation - Reference Evapotranspiration	-	-	-16.8
Number of Rainy Days	0.0	2.0	1.4
Number of Dry Days	13.0	15.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration

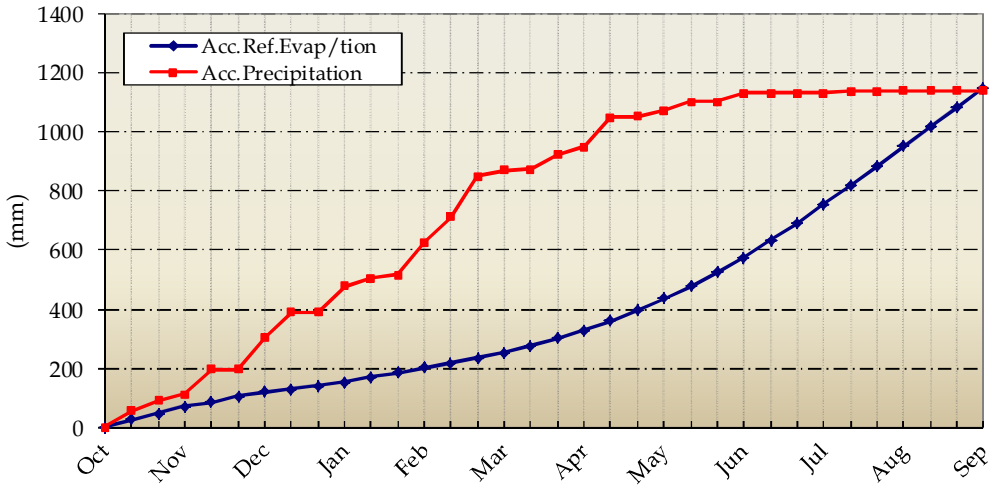


3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	20	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.0	36.3	36.4	38.9	35.5	38.7	38.7	34.4	34.0	31.5	31.9	35.5	32.8	31.9
	Min	21.3	22.8	24.0	23.2	20.8	22.3	23.0	21.3	22.6	21.5	21.0	22.2	18.5	18.8
Relative Humidity	Max	90	91	91	90	90	89	81	94	93	91	94	90	88	84
	Min	33	30	30	22	22	21	37	39	40	41	46	33	35	32
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	25.9
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	28.7
Sunshine Duration		11.9	12.0	11.5	11.5	11.6	12.1	11.0	10.7	9.8	9.1	10.8	11.1	11.5	10.6
Precipitation											0.0		0.0		3.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	-	81.0
Growing Degrees	5	22.7	24.6	25.2	26.1	23.2	25.5	25.9	22.9	23.3	21.5	21.5	262.1	227.2	201.6
	10	17.7	19.6	20.2	21.1	18.2	20.5	20.9	17.9	18.3	16.5	16.5	207.1	172.2	152.1

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	67.4	63.5	43.9
Precipitation - Reference Evapotranspiration	-67.4	-63.5	-40.4
Number of Rainy Days	0.0	0.0	0.7
Number of Dry Days	38.0	25.0	-

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

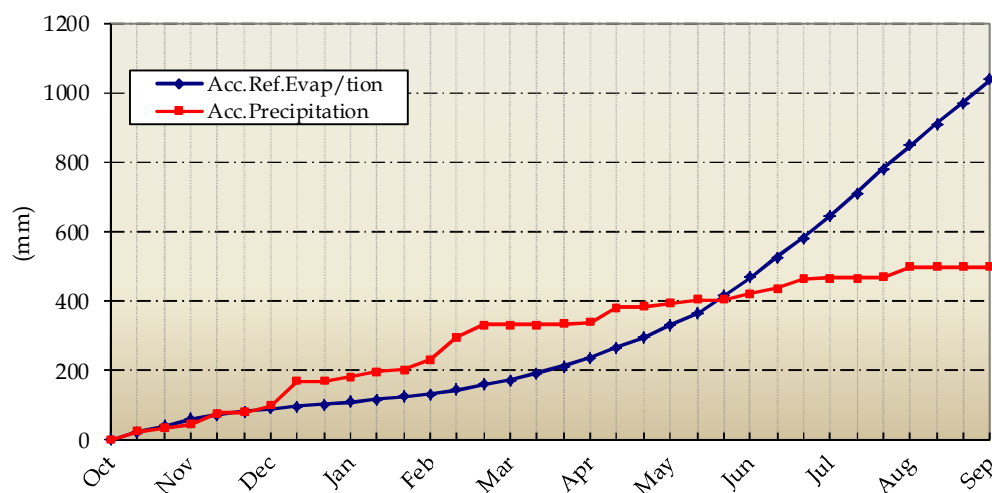
Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	30	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	38.4	38.8	39.0	37.2	37.6	37.2	36.4	33.8	32.6	33.0	34.0	36.2	33.8	32.8
	Min	17.9	19.0	23.0	23.2	19.8	20.6	21.4	21.6	22.6	18.8	19.0	20.6	16.9	18.0
Relative Humidity	Max	75	72	87	71	69	80	77	73	78	85	76	77	82	78
	Min	21	24	23	30	26	30	32	42	38	31	33	30	25	28
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	28.8
Sunshine Duration		11.6	10.8	10.1	9.4	10.6	10.8	10.6	9.4	8.2	9.8	10.3	10.1	10.1	10.5
Precipitation														0.0	3.1
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	-	106.3
Growing Degrees	5	23.2	23.9	26.0	25.2	23.7	23.9	23.9	22.7	22.6	20.9	21.5	257.5	224.1	202.3
	10	18.2	18.9	21.0	20.2	18.7	18.9	18.9	17.7	17.6	15.9	16.5	202.5	169.1	152.8

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	65.6	61.0	59.6
Precipitation - Reference Evapotranspiration	-65.6	-61.0	-56.5
Number of Rainy Days	0.0	0.0	1.2
Number of Dry Days	38.0	25.0	-

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



Agrometeorological Data

August 2026

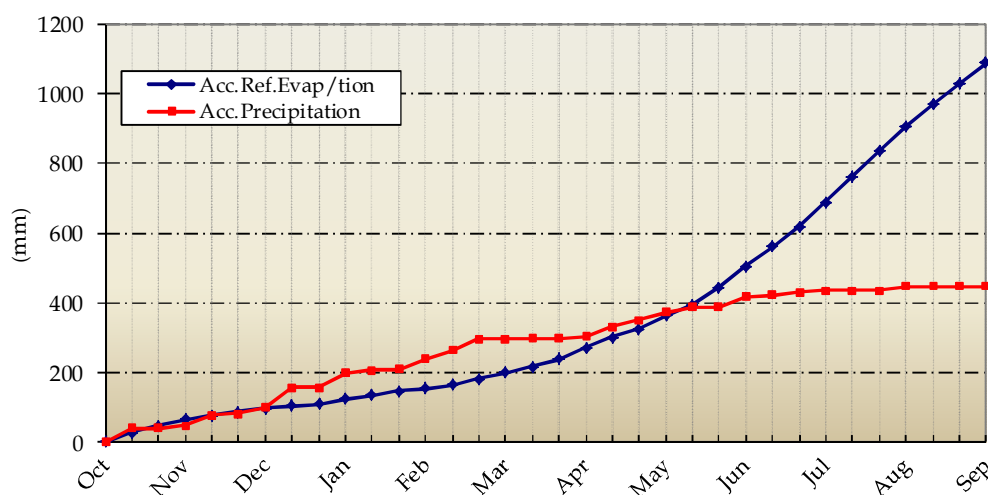
Mikra

3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	30	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	35.0	35.4	37.7	35.4	36.0	34.7	35.1	32.7	29.9	32.8	32.1	34.3	31.0	31.7
	Min	20.8	22.5	23.4	27.0	22.4	21.6	22.9	22.4	25.4	21.0	21.5	22.8	20.1	20.1
Relative Humidity	Max	81	82	90	72	85	83	84	70	67	78	78	79	79	72
	Min	30	38	25	38	31	37	41	48	45	38	40	37	36	32
Soil Temperature at 10 cm	06 UTC	28.2	28.6	28.0	29.9	29.4	29.2	29.4	27.4	29.4	28.4	27.4	28.7	27.5	27.2
	12 UTC	31.8	34.2	34.0	34.0	34.0	33.2	34.2	32.6	32.8	30.8	30.6	32.9	31.0	31.7
Sunshine Duration		12.4	11.3	11.3	9.6	11.6	11.5	11.3	10.7	6.0	10.8	10.9	10.7	10.8	10.7
Precipitation														0.0	4.5
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	-	97.8
Growing Degrees	5	22.9	24.0	25.6	26.2	24.2	23.2	24.0	22.6	22.7	21.9	21.8	258.9	226.3	212.7
	10	17.9	19.0	20.6	21.2	19.2	18.2	19.0	17.6	17.7	16.9	16.8	203.9	171.3	161.9

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	60.8	60.7	47.5
Precipitation - Reference Evapotranspiration	-60.8	-60.7	-43.0
Number of Rainy Days	0.0	0.0	0.9
Number of Dry Days	37.0	26.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



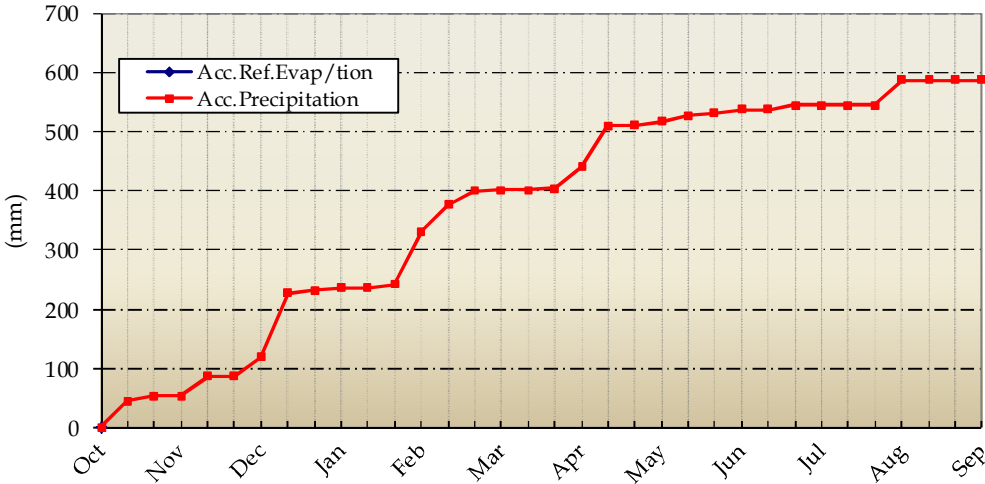
Tanagra

3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	20	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	35.3	38.1	36.6	35.8	36.3	37.2	35.2	34.0	30.8	33.0	33.2	35.0	32.3	31.6
	Min	18.6	18.9	20.8	22.3	20.0	21.5	21.5	21.1	21.8	18.9	18.1	20.3	19.0	19.2
Relative Humidity	Max	66	70	73	58	59	64	64	68	60	67	65	65	63	69
	Min	20	17	16	18	19	17	22	22	30	22	24	21	21	29
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sunshine Duration		12.2	12.0	11.6	12.2	11.9	11.8	13.0	10.9	10.2	10.7	11.2	11.6	11.6	11.4
Precipitation															2.7
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	-	97.9
Growing Degrees	5	22.0	23.5	23.7	24.1	23.2	24.4	23.4	22.6	21.3	21.0	20.7	249.5	226.8	191.5
	10	17.0	18.5	18.7	19.1	18.2	19.4	18.4	17.6	16.3	16.0	15.7	194.5	171.8	144.7

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	-	-	
Precipitation - Reference Evapotranspiration	-	-	
Number of Rainy Days	0.0	0.0	0.5
Number of Dry Days	37.0	30.0	-

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

Diagram of Accumulated Precipitation and Accumulated Reference Evapotranspiration



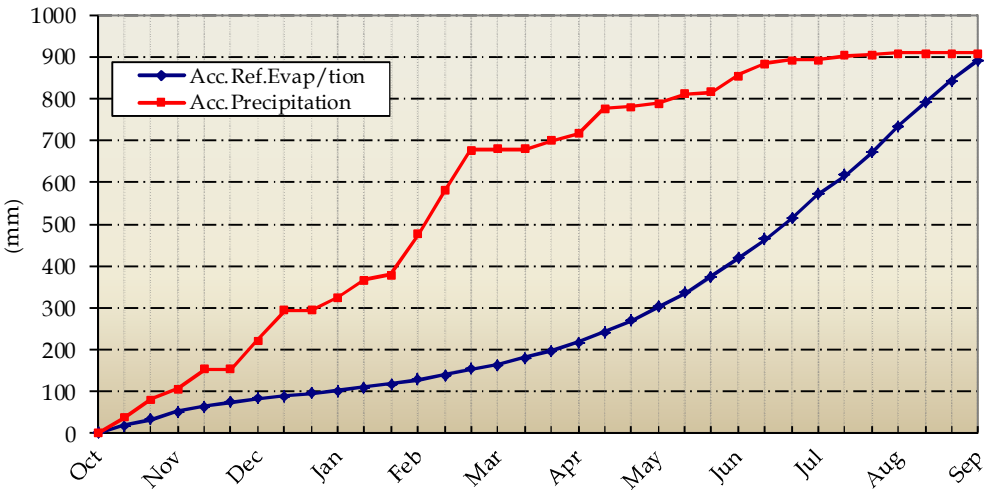
Tripoli

3rd 10-day period (21-31/08/2026)		21	22	23	24	25	26	27	28	29	20	31	Mean Value or Sum	Previous Year Value	Past Years Mean Value
Temperature	Max	34.5	35.8	35.5	36.2	36.3	37.5	34.9	36.3	32.0	32.7	32.0	34.9	31.4	30.8
	Min	13.9	15.3	16.5	16.7	16.4	15.8	19.2	17.6	17.8	18.0	12.4	16.3	12.8	14.3
Relative Humidity	Max	85	89	88	84	79	83	76	84	83	90	96	85	90	73
	Min	15	19	17	18	14	12	23	19	36	36	24	21	19	24
Soil Temperature at 10 cm	06 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	24.5
	12 UTC	-	-	-	-	-	-	-	-	-	-	-	-	-	28.4
Sunshine Duration		11.3	10.3	8.8	8.7	9.9	11.5	10.2	10.1	10.8	7.7	8.3	9.8	10.2	10.4
Precipitation								0.0		0.0	1.2		1.2	1.1	5.2
Evaporation		-	-	-	-	-	-	-	-	-	-	-	-	-	64.9
Growing Degrees	5	19.2	20.6	21.0	21.5	21.4	21.7	22.1	22.0	19.9	20.4	17.2	226.7	187.7	159.1
	10	14.2	15.6	16.0	16.5	16.4	16.7	17.1	17.0	14.9	15.4	12.2	171.7	132.7	113.8

3rd 10-day period (21-31/08/2026)		Previous Year Value	Past Years Mean Value
Reference Evapotranspiration	48.6	47.4	35.4
Precipitation - Reference Evapotranspiration	-47.4	-46.3	-30.2
Number of Rainy Days	1.0	1.0	1.1
Number of Dry Days	11.0	4.0	-

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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The present bulletin was designed and implemented under the support of Water Resources Management Division of Agriculture University of Athens