




# Climatic Bulletin

August 2023

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

The first warm week of August followed by a relatively cool ten-day period. In contrast high values of temperature recorded over the whole Greek area till the end of month .  
Meanwhile locally significant amounts of precipitation recorded over west and north parts.



# Temperature

### First 10-day period

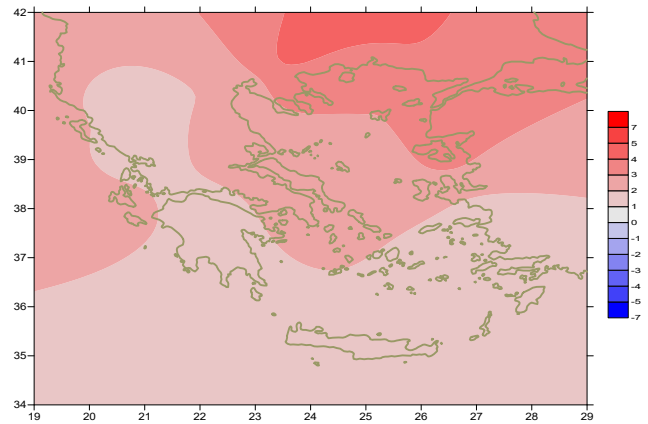
More specific (varied) :

**Minimum:**

from 7.5°C to 25°C over north mainland,  
 from 12°C to 28°C over central mainland,  
 from 18°C to 27°C over rest parts.

**Maximum:**

from 22°C to 42.5°C over north mainland,  
 from 28°C to 40.7°C over central mainland,  
 from 27°C to 36°C over rest parts.



*Deviation of mean temperature from normal values*

### Second 10-day period

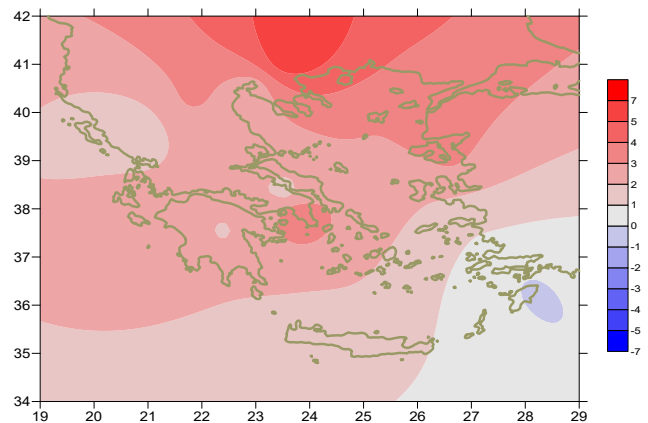
More specific (varied) :

**Minimum:**

from 10°C to 27°C over north mainland,  
 from 13°C to 28°C over central mainland,  
 from 22°C to 26°C over rest parts.

**Maximum:**

from 27°C to 39.8°C over north mainland,  
 from 27°C to 37.5°C over central mainland,  
 from 25°C to 33.4°C over rest parts.



*Deviation of maximum temperature from normal values*

### Third 10-day period

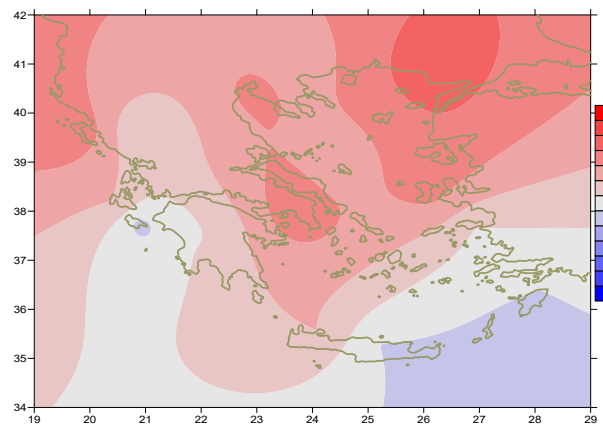
More specific (varied) :

**Minimum:**

from 10°C to 27°C over north mainland,  
 from 15°C to 30.8°C over central mainland,  
 from 20°C to 27°C over rest parts.

**Maximum:**

from 29°C to 40.8°C over north mainland,  
 from 28°C to 37.8°C over central mainland,  
 from 28°C to 36.4°C over rest parts.



*Deviation of minimum temperature from normal values*



## Precipitation

### First 10-day period

Significant amounts of precipitation over central and north parts.  
More specific:

8mm in Edessa, 12mm in Preveza, 14mm in Ioannina,  
17mm in Kerkira, 108mm in Othonoi, 26mm in Adravida,  
18mm in Messologi (5/8),  
13mm in Ormenio, 6mm in Doxato, 4mm in Polikastro,  
5mm in Ioannina (6/8),  
11mm in Thessaloniki, 14mm in Serres, 25mm in Polikastro,  
5mm in Kozani, 13mm in Lamia (10/8).

### Δεύτερο δεκαήμερο Second 10-day period

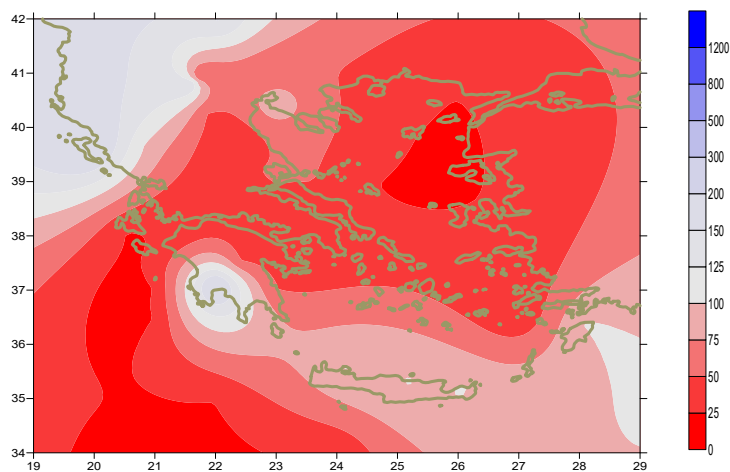
Locally small amounts of precipitation.  
More specific:

8mm στην Καλαμάτα, 12mm στο Αργος (11/8),  
3mm στα Κύθηρα (12/8).

### Third 10-day period

Locally significant amounts of precipitation.

More specific:  
6mm in Thessaloniki, 6mm in Ioannina (24/8),  
6mm in Messologi (25/8),  
4mm in Kerkira, 6mm in Kalamata (26/8),  
8mm in Mikonos (27/8),  
39mm in Preveza/Aktio, 14mm in Kerkira (29/8).



*Deviation of monthly precipitation height  
from normal values (%)*

TABLE OF MEAN VALUES

STATION	Longitude	Lattitude	Tmean	TX	TN	RR	INST
SERRES	23,53	41,07	29,1	37,1	19,5	14	324
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	24,5	32	15,1	10	305
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	28,5	33,1	21,5	19	339
CHRYSOUPOLI	24,62	40,92	27,7	32,6	19,9	3	326
ALEXANDROUPOLI	25,95	40,85	29,1	33,8	21,8	0	331
KOZANI	21,83	40,28	25,3	32,3	17,5	10	
KERKYRA	19,92	39,62	28,2	32,7	22,2	36	342
IOANNINA	20,82	39,70	25,4	32,1	16	27	307
PREVEZA	20,76	38,91	27,4	32,5	21,9	51	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	28,8	34,8	19,6		293
LIMNOS	25,23	39,92	27,6	31,3	23,2	0	345
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	28,7	33,5	21,2	6	342
MYTILINI	26,60	39,05	29,2	33,2	24,6	0	346
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	27,3	32,6	19,7	26	338
SKYROS	24,48	38,96	27	29,9	23,6	-2	317
ARGOSTOLI	20,50	38,12	27,9	31,5	22,9	0	360
ARAXOS	21,42	38,15	28,5	33,7	20,2	0	356
TANAGRA	23,57	38,33	28,9	33,1	21,4	0	346
HIOS	26,13	38,35	28,3	31,4	23,8	0	357
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	25,1	31,8	15,6	4	316
TATOI	23,78	38,10	28,7	32,8	23,3		
HELLINIKO	23,73	37,90	30,3	35,2	26,3	0	363
ELEYSINA	23,55	38,07	30,4	34,2	25,7	0	
ZAKYNTHOS	20,88	37,75	28,9	33,2	20,6	2	356
SAMOS	26,92	37,68	28,8	33,2	22,9	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	27,5	33,5	19,5	18	331
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	29,2	32,5	24,2	0	
KOS	27,08	36,80	26,6	30,1	23,5	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41					
SOUDA	24,12	35,55	27,5	31,2	23	2	193
RODOS	28,08	36,40	28,1	30,5	25,6	0	362
MYKONOS	25,35	37,43	26,6	28,9	23,8	8	
HRAKLEIO	25,18	35,33	27,7	30,1	22,9	0	377
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21					
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	26,3	30,5	21,6	0	349
KARPATOS	27,15	35,42	27,3	30,2	25,3	0	
PAROS	25,13	37,02	27,8	30,3	23,8	0	359
SYROS	24,95	37,42	27,3	30,8	24,8	3	350
IKARIA	26,35	37,68					

11,314,58,13617810,214,16,45611,314,57,89612510,713,7820210,5165,88616112,715,410,232137

**TABLE OF DEVIATIONS  
FROM NORMAL VALUES**

STATION	TMEAN ( deviation) (I)	PRECI (deviation % ) (II)
SERRES	4,2	48
FLORINA		
THESSALONIKI	2,7	91
ALEXANDROUPOLI	3,9	-
KOZANI	1,9	32
KERKYRA	2,1	202
IOANNINA	1,2	95
LARISA	2,8	1
LIMNOS	3	-
AGHIALOS	2,8	32
MYTILINI	3,3	-
AGRINIO		
SKYROS	2,2	-
ARGOSTOLI	2,2	-
ARAXOS	1,9	-
HIOS	2,7	5
HELLINIKO	2,7	-
ZAKYNTHOS	2,3	22
SAMOS	1,1	-
KALAMATA	1,3	173
NAXOS		
METHONI		
SANTORINI		
SOUDA	1,7	133
RODOS	1,2	-
HERAKLIO	1,8	-
SITIA		

(I) deviation of mean temperature from normal values  
 (II) deviation of monthly precipitation height from normal values %.

# Climatic Bulletin

## General Description

Precipitation amounts were higher than normal values locally over west and north mainland.  
The mean temperature varied higher than normal values everywhere.

### Climatic Parameters :

- ❖ **Normal Values** : normal values for various parameters (temperature, precipitation, etc) are defined as mean values calculated for 30 years. These normal values are used as basis and represent the mean situation. They can be specified in 10 daily, monthly, seasonally and yearly level and are used for the trend comparison of 10 days, month, season or year as: rainy decameron, mild winter, cool August etc.

### Measurement :

- ❖ **Precipitation**  
1 mm = 1 litre/m<sup>2</sup>

### Table Legend :

Tmean : Mean Temperature  
TN : Minimum Temperature  
TX : Maximum Temperature  
RR : Precipitation height(mm)  
INST : Sun Duration (hours)

### UTC hours (Universal Time Coordinates) in Greece :

- ❖ Winter : UTC hour = local hour - 2
- ❖ Summer : UTC hour = local hour - 3

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