




Climatic Bulletin

July 2021

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

July characterized by two heat wave episodes. The first one at the beginning and the second one at the end. Particularly that significant heat wave persisted for few days of August.

In contrast the temperature levels kept lower enough due to the prevailing of gale force north winds between 17-27/7.

Also lack of precipitation recorded over south mainland and over islands.



Temperature

First 10-day period

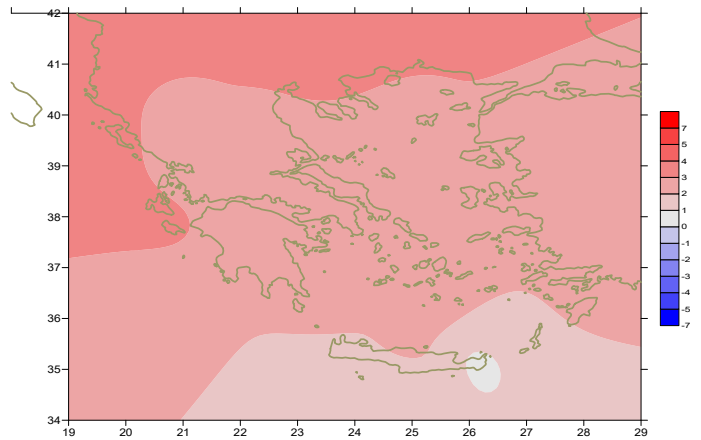
More specific (varied) :

Minimum:

from 9°C to 23°C over north mainland,
 from 18°C to 27°C over central mainland,
 from 18°C to 26°C over rest parts.

Maximum:

from 31°C to 41°C over north mainland,
 from 30°C to 44°C over central mainland,
 from 30°C to 38°C over rest parts.



Deviation of mean temperature from normal values

Second 10-day period

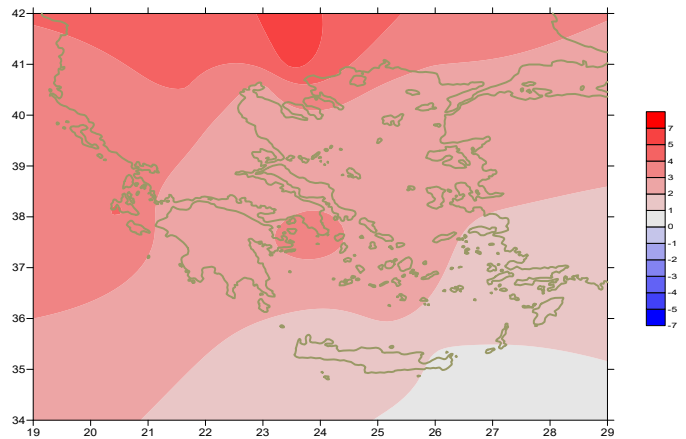
More specific (varied) :

Minimum:

from 12°C to 24°C over north mainland,
 from 16°C to 26°C over central mainland,
 from 17°C to 26°C over rest parts.

Maximum:

from 28°C to 39°C over north mainland,
 from 29°C to 40°C over central mainland,
 from 28°C to 37°C over rest parts.



Deviation of maximum temperature from normal values

Third 10-day period

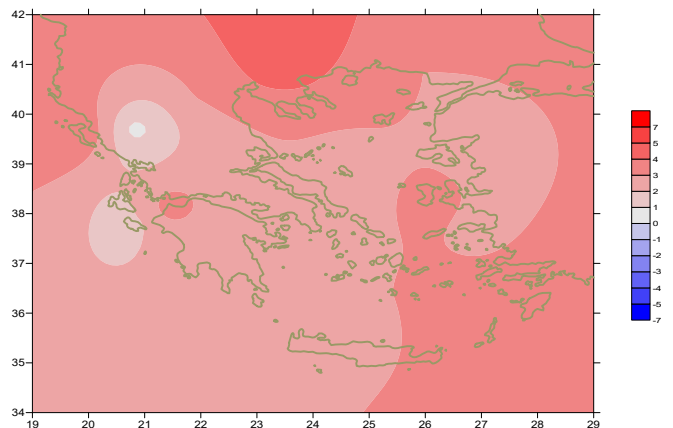
More specific (varied) :

Minimum:

from 11°C to 26°C over north mainland,
 from 16°C to 28°C over central mainland,
 from 21°C to 32°C over rest parts.

Maximum:

from 28°C to 43.7°C over north mainland,
 from 29°C to 42.7°C over central mainland,
 from 27°C to 39.2°C over rest parts.



Deviation of minimum temperature from normal values



P r e c i p i t a t i o n

First 10-day period

Locally significant amounts of precipitation only over northwest mainland.

More specific:

91mm in Kotroni (5/7), 2mm in Serres (7/7),
10mm in Doxato (8/7),
27mm in Kastoria, 2mm in Kozani, 3mm in Ioannina (10/7).

Δεύτερο δεκαήμερο Second 10-day period

Locally significant amounts of precipitation over central and north mainland.

More specific:

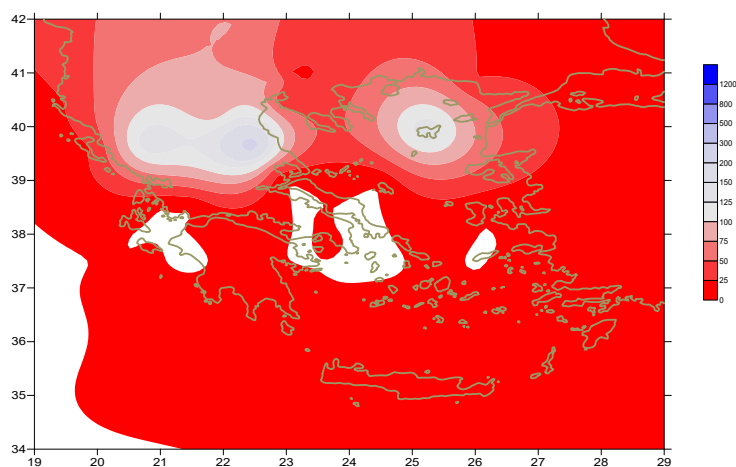
3mm in Konitsa, 2mm in Ioannina (11/7),
3mm in Kastoria, 2mm in Ioannina (12/7),
39mm in Edessa, 39mm in Florina, 40mm in Kastoria,
16mm in Kozani, 43mm in Larisa (18/7),
9mm in Kozani, 3mm in Larisa (19/7),
9mm in Aghialos, 4mm in Ioannina (20/7).

Third 10-day period

Small amounts of precipitation locally only over north mainland.

More specific:

3mm in Doxato, 4mm in Florina (28/7).



**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	29,6	37,5	23,1	2	340
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	26,2	32,6	15,6	72	341
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	29,6	34,1	22,3	4	360
CHRYSOUPOLI	24,62	40,92	28,1	32	21,2		354
ALEXANDROUPOLI	25,95	40,85	28,7	33	20,4	3	387
KOZANI	21,83	40,28	26,9	33,2	18,4	26	
KERKYRA	19,92	39,62	29,7	33,9	22,3	0	373
IOANNINA	20,82	39,70	27,3	34,7	15,4	40	345
PREVEZA	20,76	38,91	27,9	32,1	21,7	0	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	29,6	35,4	20,3	47	331
LIMNOS	25,23	39,92	28	31	22,8	15	373
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	29,5	33,5	21,1	9	360
MYTILINI	26,60	39,05	28,9	33	24,4		374
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	28,6	33,8	20,1	0	397
SKYROS	24,48	38,96	27,7	29,8	23,9	0	368
ARGOSTOLI	20,50	38,12	28,6	32,7	22,4	0	385
ARAXOS	21,42	38,15	29,4	33,6	22,1	0	373
TANAGRA	23,57	38,33	29,9	34,1	21	0	389
HIOS	26,13	38,35	29,1	32,4	24,2	0	380
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	27,3	32,8	16,6		357
TATOI	23,78	38,10	29,5	33,7	23,1		
HELLINIKO	23,73	37,90	30,8	35,3	25,5	0	394
ELEYSINA	23,55	38,07	31,3	35,3	25,8	0	
ZAKYNTHOS	20,88	37,75	29,9	34	22,2	0	400
SAMOS	26,92	37,68	30,4	34,2	24,9	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	28,5	33,7	20,6	0	371
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95					
KOS	27,08	36,80	28,1	32,7	23,8	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	28,1	30,7	24,8	0	362
SOUDA	24,12	35,55	28,3	31,5	23,6	0	392
RODOS	28,08	36,40	29,3	31,8	25,7	0	392
MYKONOS	25,35	37,43	28,1	30,7	24,7	0	
HRAKLEIO	25,18	35,33	28,2	30,3	24,2	0	390
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	26,8	29,4	25,9	0	359
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	26,2	29,9	21,9		334
KARPATOS	27,15	35,42					
PAROS	25,13	37,02	27,5	30,6	23,8	0	389
SYROS	24,95	37,42					
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	3.5	6
FLORINA		
THESSALONIKI	3.1	16
ALEXANDROUPOLI	3.1	17
KOZANI	2.9	67
KERKYRA	3.3	0
IOANNINA	2.5	140
LARISA	2.5	232
LIMNOS	2.5	146
AGHIALOS	2.8	51
MYTILINI	2.5	0
AGRINIO		
SKYROS	2.4	0
ARGOSTOLI	3.1	0
ARAXOS	2.8	0
HIOS	2.7	0
HELLINIKO	3	0
ZAKYNTHOS	3.2	0
SAMOS	2	0
KALAMATA	2	0
NAXOS		
METHONI		
SANTORINI	2.7	0
SOUDA	1.9	0
RODOS	2.4	0
HERAKLIO	2.1	0
SITIA	0.8	0

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

Climatic Bulletin

General Description

Precipitation amounts were lower than normal values in general, with lack of precipitation over islands. The mean temperature varied higher enough 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/m²

Table Legend :

T_{mean} : 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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