




# Climatic Bulletin

July 2014

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

The main characteristic of July was the lack of heatwaves and etesians. On the contrary, the passing of cold fronts through Greece and the prevailing of unstable weather conditions caused strong rainfalls, thunderstorms and hail.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ  
HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

### First Decameron

More specific (varied) :

**Minimum:**

from 6°C to 21°C over north mainland,  
from 13°C to 24°C over central mainland,  
from 16°C to 25°C over rest parts.

**Maximum:**

from 28°C to 35°C over north mainland,  
from 29°C to 38°C over central mainland,  
from 24°C to 37°C over rest parts.  
( the highest value: 38°C in Elefsina at 9/7).

### Second Decameron

More specific (varied) :

**Minimum:**

from 7°C to 20°C over North mainland,  
from 14°C to 23°C over central mainland,  
from 17°C to 25°C over rest parts.

**Maximum:**

from 24°C to 33°C over north mainland,  
from 25°C to 35°C over central mainland,  
from 27°C to 32°C over rest parts.

### Third Decameron

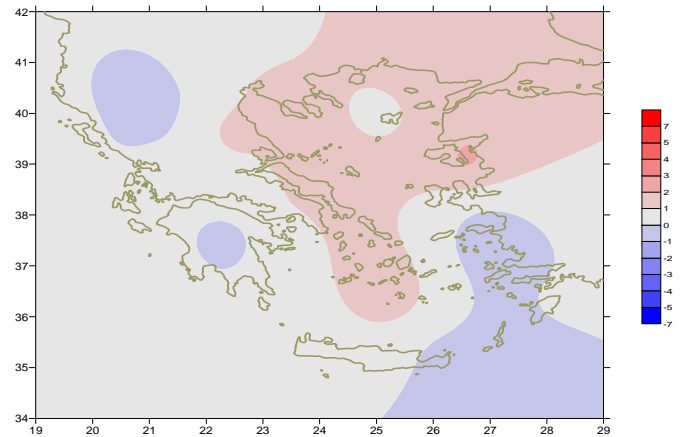
More specific (varied) :

**Minimum:**

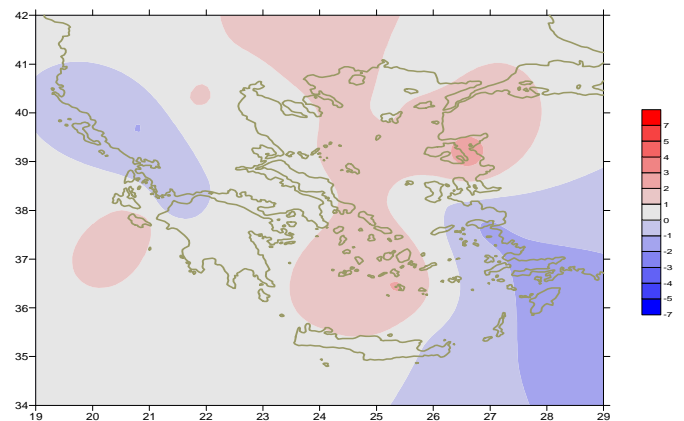
from 13°C to 20°C over north mainland,  
from 15°C to 24°C over central mainland,  
from 18°C to 26°C over rest parts.

**Maximum:**

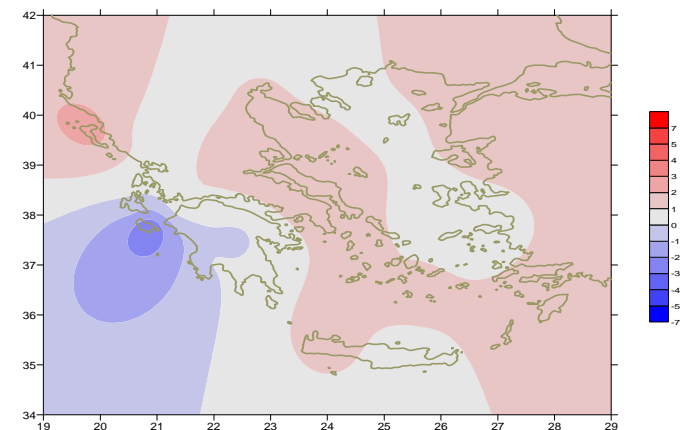
from 25°C to 36°C over north mainland,  
from 31°C to 38°C over central mainland,  
from 27°C to 35°C over rest parts.



*Deviation of mean temperature from normal values*



*Deviation of maximum temperature from normal values*



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Few local rainfalls and thunderstorms.

More specific:

*3mm in Chrissoupoli (4/7).*

### Second Decameron

Significant local rainfalls and thunderstorms between 15-20/7.

More specific:

*61mm in Thessaloniki (15/7), 38mm in Edessa (15/7),*

*32mm in Lamia (15/7), 23mm in Tatoi (15/7),*

*8mm in Alexandroupoli (18/7),*

*43mm in Athens-Kolimvritio (19/7), 8mm in Serres (20/7).*

### Third Decameron

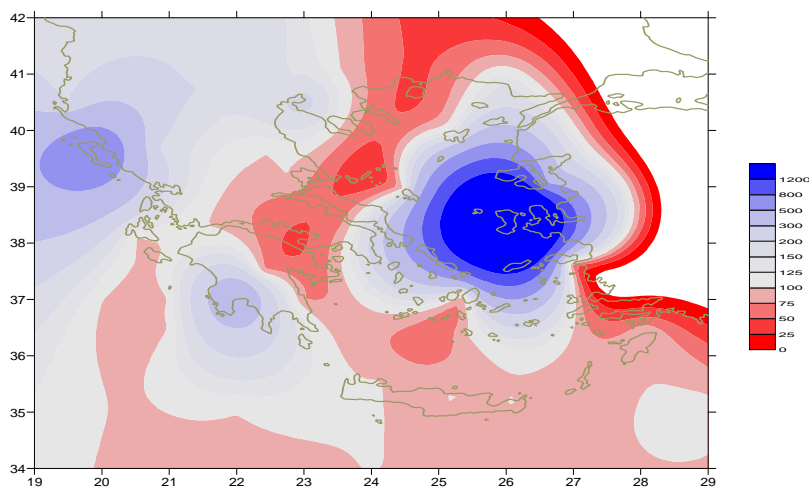
Significant local rainfalls and thunderstorms.

More specific:

*25mm in Kozani (21/7), 22mm in Kerkyra (21/7),*

*7mm in Mitilini (24/7), 4mm in Chios (24/7),*

*22mm in Ioannina(25/7), 41mm in Kerkyra (31/7) .*



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

TABLE OF MEAN VALUES

STATION	Longitude	Latitude	Tmean	TX	TN	RR	INST
SERRES	23,53	41,07	27,1	33,6	18,4	30	270
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	23,8	29,9	14,3	38	328
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	27,6	31,6	19,7	62	358
CHRYSOUPOLI	24,62	40,92	26	29,2	19,9	37	336
ALEXANDROUPOLI	25,95	40,85	27	30,8	19,3	18	348
KOZANI	21,83	40,28	24,2	30,5	16,1	46	
KERKYRA	19,92	39,62	26,8	30,5	20,7	69	376
IOANNINA	20,82	39,70	24	29,9	15,3	55	316
PREVEZA	20,76	38,91	26	29,3	20,7	17	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	28,4	33,6	19,1	16	327
LIMNOS	25,23	39,92	26,3	29,9	20,3	13	286
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	27,7	31,9	20,2	11	349
MYTILINI	26,60	39,05	28,6	32,8	22,9	10	379
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	26,3	30,1	19,2	0	388
SKYROS	24,48	38,96	26,5	28,9	22,8	4	350
ARGOSTOLI	20,50	38,12	26,2	29,5	20,2	15	381
ARAXOS	21,42	38,15	26,8	30,5	19,4	4	372
TANAGRA	23,57	38,33	28,4	32,4	19,5	0	370
HIOS	26,13	38,35	27,2	30,1	21,4	4	378
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	24,2	30,7	13,9	11	338
TATOI	23,78	38,10	27,1	31,6	18,9	23	
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	29,2	33,6	22,5	3	
ZAKYNTHOS	20,88	37,75	27,3	32	17,4	0	385
SAMOS	26,92	37,68	27,6	31,3	22,6	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	26,5	31,5	18,3	21	371
NAXOS	25,37	37,10	25,9	28,2	22,7	0	411
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95					
KOS	27,08	36,80	26	29,5	22,3	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	26,9	30,4	23,4	0	365
SOUDA	24,12	35,55	27	31,3	22,2	0	404
RODOS	28,08	36,40	27	29,2	23,9	0	381
MYKONOS	25,35	37,43	25,8	28,7	22,8	0	
HERAKLEIO	25,18	35,33	26,7	29,4	22,1	0	384
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	25,6	28,2	23,1	0	
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	25,9	30,1	20,6	0	356
KARPATOS	27,15	35,42	25,6	28,5	23,3	0	
PAROS	25,13	37,02					
SYROS	24,95	37,42	26,9	30,4	22,8	0	385
IKARIA	26,35	37,68	24,3	26,9	22,7	0	

**TABLE OF DEVIATIONS  
FROM NORMAL VALUES**

STATION	TMEAN ( deviation ) (I)	PRECI ( deviation % ) (II)
SERRES	1	96
FLORINA		
THESSALONIKI	1.1	242
ALEXANDROUPOLI	1.4	102
KOZANI	0.2	118
KERKYRA	0.4	932
IOANNINA	-0.8	193
LARISA	1.3	79
LIMNOS	0.8	126
AGHIALOS	1	62
MYTILINI	2.2	435
AGRINIO		
SKYROS	1.2	68
ARGOSTOLI	0.7	97
ARAXOS	0.2	93
HIOS	0.8	4000
HELLINIKO		
ZAKYNTHOS	0.6	1
SAMOS	-0.8	0
KALAMATA	0	600
NAXOS	1.2	0
METHONI		
SANTORINI	1.5	0
SOUDA	0.6	0
RODOS	0.1	0
HERAKLIO	0.6	0
SITIA	-0.4	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 higher than normal values over most parts of mainland and over North Ionian sea and Aegean sea.  
The mean temperature varied near by the normal values.

### 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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