




Climatic Bulletin

August 2016

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

August had a few hot days at the beginning. Moreover it characterised by heavy precipitation locally over mainland between 8-9/8 and 23-25/8. Also the persistence of blowing of strong north-northeast winds for the periods 13-15/8 and 24-27/8 caused problems over eastern parts.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

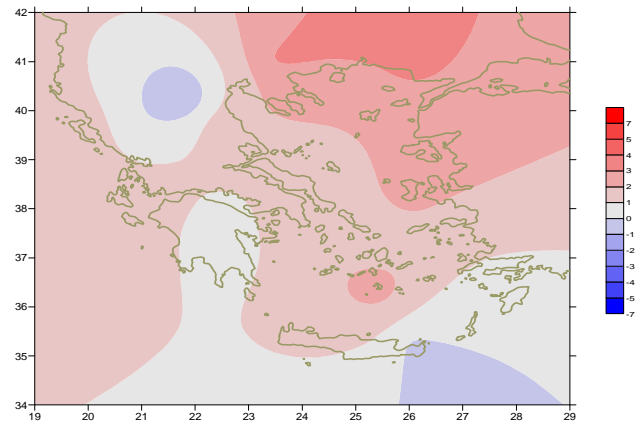
More specific (varied) :

Minimum:

from 13°C to 22°C over north mainland,
from 15°C to 27°C over central mainland,
from 20°C to 26°C over rest parts.

Maximum:

from 22°C to 39°C over north mainland,
from 31°C to 40°C over central mainland,
from 30°C to 35°C over rest parts.



Deviation of mean temperature from normal values

Second Decameron

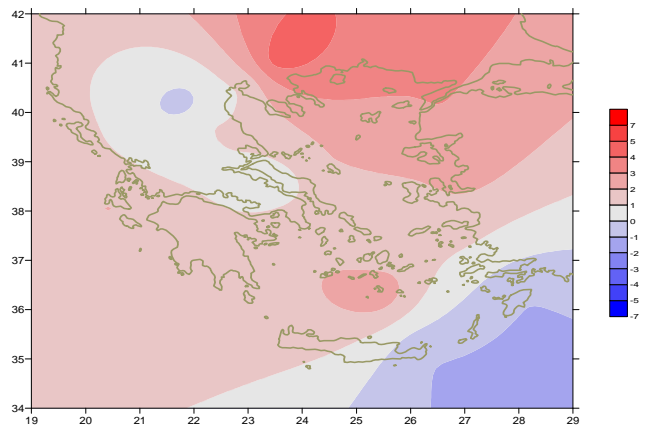
More specific (varied) :

Minimum:

from 7°C to 21°C over north mainland,
from 11°C to 23°C over central mainland,
from 19°C to 26°C over rest parts.

Maximum:

from 25°C to 38°C over north mainland,
from 27°C to 38°C over central mainland,
from 26°C to 34°C over rest parts.



Deviation of maximum temperature from normal values

Third Decameron

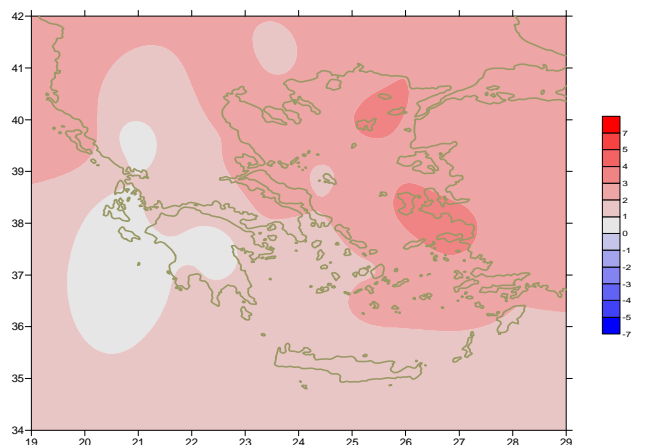
More specific (varied) :

Minimum:

from 11°C to 21°C over north mainland,
from 14°C to 24°C over central mainland,
from 20°C to 25°C over rest parts.

Maximum:

from 27°C to 38°C over north mainland,
from 30°C to 38°C over central mainland,
from 26°C to 33°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 Decameron

Local rainfalls, thunderstorms over mainland.

More specific:

29mm in Ioannina (3/8),

8mm in Kastoria, 8mm in Edessa, 30mm in Kozani, 41mm in Lamia (8/8),

57mm in Thessaloniki, 14mm in Astros, 12mm in Lamia,

45mm in Tripoli (9/8).

Second Decameron

A few local precipitation in the middle of the period.

More specific:

97mm in Skiathos (13/8), 4mm in Adravida (14/8), 5mm in Edessa (19/8).

Third Decameron

A few local precipitation mainly over north and central mainland.

More specific:

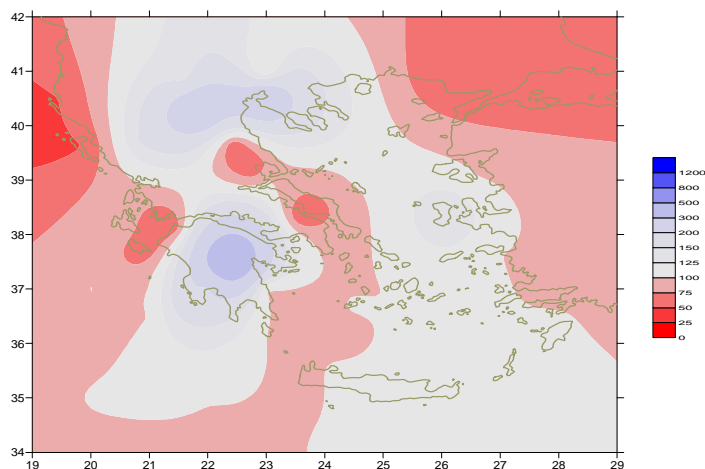
13mm in Edessa, 7mm in Kozani (22/8),

82mm in Konitsa, 11mm in Lamia, 15mm in Ioannina ,

5mm in Serres (23/8),

5mm in Argostoli (24/8), 9mm in Kalamata (25/8),

11mm in Kastoria (25/8).



*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	28	35,6	19,1	11	300
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	23,6	30,2	15,3	25	271
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	27,5	32,1	21,1	58	320
CHRYSOUPOLI	24,62	40,92	27,1	31,5	20,1		324
ALEXANDROUPOLI	25,95	40,85	28,3	33,3	20,2		364
KOZANI	21,83	40,28	22,5	28,7	17	64	
KERKYRA	19,92	39,62	27,9	32,5	21,4		333
IOANNINA	20,82	39,70	24,5	31,1	15,5	21	213
PREVEZA	20,76	38,91	27	31,3	21,7	4	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	27,7	33,5	19	7	300
LIMNOS	25,23	39,92	27	30,9	23	0	360
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	27,5	31,6	20,5	1	314
MYTILINI	26,60	39,05	28,5	32,9	23,6	0	369
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	26,7	31,3	19,4	4	328
SKYROS	24,48	38,96	26,1	29	23,2	0	306
ARGOSTOLI	20,50	38,12	27	31	21,6	10	345
ARAXOS	21,42	38,15	28,2	32,7	20,6	0	317
TANAGRA	23,57	38,33	27,7	31,7	20,4		344
HIOS	26,13	38,35	28	30,8	23,8	0	350
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	24	31,2	14,9	56	272
TATOI	23,78	38,10	27,5	31,6	21,9	0	
HELLINIKO	23,73	37,90	29,3	33,2	24,3	0	333
ELEYSINA	23,55	38,07	29,5	33,5	23,7		
ZAKYNTHOS	20,88	37,75	28,3	32,3	21,5		367
SAMOS	26,92	37,68	29,1	33,5	25,1	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	27	32,7	19,4	17	318
NAXOS	25,37	37,10	25,9	27,3	23,6	0	364
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95					
KOS	27,08	36,80	26,3	30,3	23,2	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	27,4	30,9	24	0	353
SOUDA	24,12	35,55	27,1	31,4	22,3	0	352
RODOS	28,08	36,40	27,5	29,7	24,6	0	356
MYKONOS	25,35	37,43	26	28,4	23,5	0	
HRAKLEIO	25,18	35,33	27	29,2	22,9	0	349
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	25,6	27,7	23,7	0	300
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTEI	25,33	35,18	25,3	29,5	20,9	0	327
KARPATOS	27,15	35,42	26,5	29,6	24,3	0	
PAROS	25,13	37,02	26,5	28,8	22,9	0	346
SYROS	24,95	37,42	26,8	29,1	24,1	0	361
IKARIA	26,35	37,68					

**TABLE OF DEVIATIONS
FROM NORMAL VALUES**

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	3.1	38
FLORINA		
THESSALONIKI	1.7	279
ALEXANDROUPOLI	3.1	1
KOZANI	-0.9	207
KERKYRA	1.8	1
IOANNINA	0.3	74
LARISA	1.7	45
LIMNOS	2.4	-
AGHIALOS	1.6	5
MYTILINI	2.6	-
AGRINIO		
SKYROS	1.3	-
ARGOSTOLI	1.3	70
ARAXOS	1.6	-
HIOS	2.4	-
HELLINIKO	1.7	-
ZAKYNTHOS	1.7	1
SAMOS	1.4	-
KALAMATA	0.8	164
NAXOS	1.5	-
METHONI		
SANTORINI	2.6	-
SOUDA	1.3	-
RODOS	0.6	-
HERAKLIO	1.1	-
SITIA	-0.2	-

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

Climatic Bulletin

General Description

Precipitation amounts varied higher enough than normals only over mainland. Meanwhile lack of precipitation recorded over Aegean area, Attica, eastern Crete and northern Peloponnese. The mean temperature was higher than normal values over most parts.

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 :

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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 14 El.Venizelou 16777
 Helliniko, Athens
 Greece