



Climatic Bulletin

August 2015

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

August was a hot month in the beginning but a relatively cool one at the end.

A great number of locally strong rainfalls and thunderstorms took place over mainland, Sporades and Creta island as well.

Because of the above mentioned severe phenomena a lot of great damages caused over Skopelos island and over southern parts of Iraklion area.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

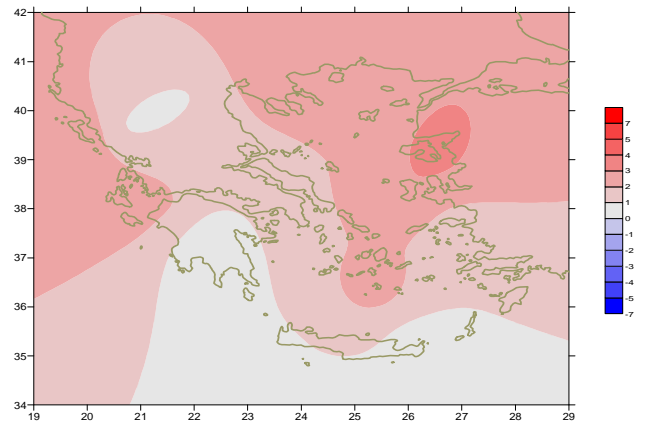
More specific (varied) :

Minimum:

from 13°C to 25°C over north mainland,
from 16°C to 26°C over central mainland,
from 19°C to 26°C over rest parts.

Maximum:

from 32°C to 38°C over north mainland,
from 30°C to 38°C over central mainland,
from 27°C to 39.4°C over rest parts.



Deviation of mean temperature from normal values

Second Decameron

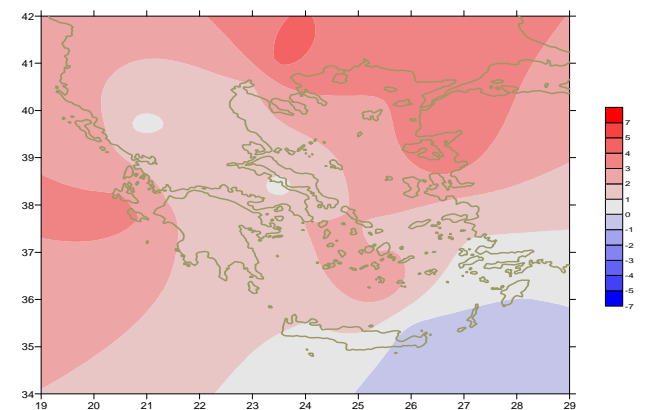
More specific (varied) :

Minimum:

from 13°C to 24°C over North mainland,
from 15°C to 25°C over central mainland,
from 20°C to 27°C over rest parts.

Maximum:

from 28°C to 37°C over north mainland,
from 31°C to 38°C over central mainland,
from 30°C to 36°C over rest parts.



Deviation of maximum temperature from normal values

Third Decameron

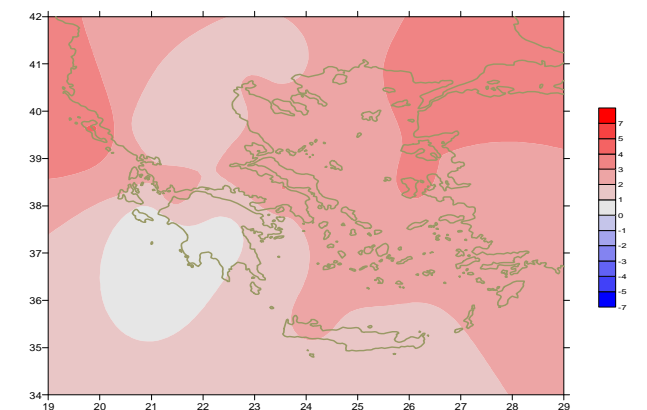
More specific (varied) :

Minimum:

from 10°C to 22°C over north mainland,
from 15°C to 25°C over central mainland,
from 21°C to 26°C over rest parts.

Maximum:

from 26°C to 33°C over north mainland,
from 26°C to 35°C over central mainland,
from 27°C to 32°C over rest parts.



Deviation of minimum temperature from normal values



Precipitation

First Decameron

Local heavy rains and thunderstorms.

More specific:

31mm in Ioannina (3/8), 15mm in Zakynthos (4/8), 36mm in Kalamata (4/8), 28mm in Konitsa (5/8), 19mm in Thessaloniki (6/8), 30mm in Argostoli (6/8), 32mm in Kozani (7/8), 15mm in Lamia (7/8), 33mm in Larisa (8/8), 12mm in Kerkyra (10/8).

Second Decameron

Local heavy rains and thunderstorms.

More specific:

26mm in Argostoli (12/8), 11mm in Kastoria (14/8), 19mm in Ioannina (14/8), 26mm in Iraklion (15/8).

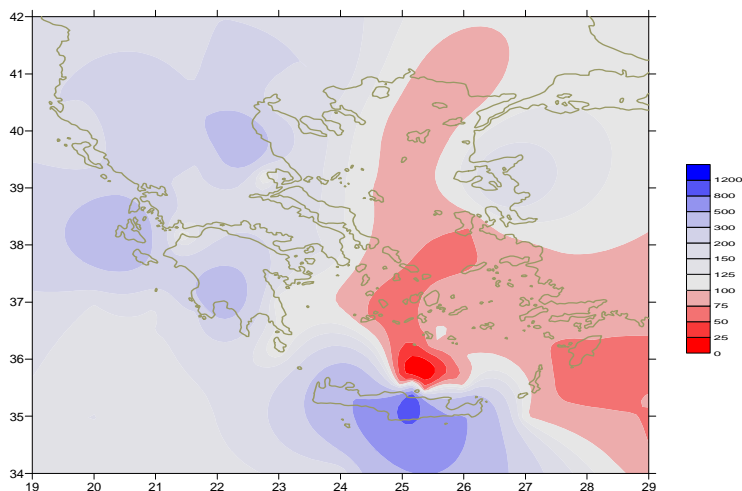
Third Decameron

Temporarily local strong rains and thunderstorms.

More specific:

36mm in Skiathos (21/8), 17mm in Serres, 25mm in Chrissoupoli, 33mm in Skiathos, 15mm in Larisa, 16mm in Lamia (22/8),

31mm in Skiathos (23/8).



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	27,8	35,4	19	43	144
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	23,6	30,7	14,9	43	295
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	28	32,8	20,3	26	338
CHRYSOUPOLI	24,62	40,92	27,1	31,6	20,3	28	334
ALEXANDROUPOLI	25,95	40,85	28	33,2	20,5	0	358
KOZANI	21,83	40,28	24,3	30,4	16,7	69	
KERKYRA	19,92	39,62	28,8	33,6	22,7	21	323
IOANNINA	20,82	39,70					
PREVEZA	20,76	38,91	28,4	33,1	22,6	9	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	27,6	33,5	18,7	70	320
LIMNOS	25,23	39,92	27	31	22,6	0	358
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	27,6	32,3	20,6	7	324
MYTILINI	26,60	39,05	29,2	33,7	24,1	7	364
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	28	32,8	20,4	6	344
SKYROS	24,48	38,96	26,8	29	23,7	0	345
ARGOSTOLI	20,50	38,12					
ARAXOS	21,42	38,15	28,9	33,3	21,7	2	349
TANAGRA	23,57	38,33	27,8	32,2	21	1	341
HIOS	26,13	38,35	28,5	31,6	23,6	0	353
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	24,4	31,3	14,9	26	305
TATOI	23,78	38,10	27,7	32	22,2	2	
HELLINIKO	23,73	37,90	29,2	33,4	24,7	1	347
ELEYSINA	23,55	38,07	29,7	33,8	24,5	0	
ZAKYNTHOS	20,88	37,75	29	33,6	20,9	19	353
SAMOS	26,92	37,68	29,1	33,2	24	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	26,5	32,8	19,1	52	314
NAXOS	25,37	37,10	26,4	28,1	24	0	360
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95					
KOS	27,08	36,80	27,8	35,4	19	43	144
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	23,6	30,7	14,9	43	295
SOUDA	24,12	35,55					
RODOS	28,08	36,40	28	32,8	20,3	26	338
MYKONOS	25,35	37,43	27,1	31,6	20,3	28	334
HRAKLEIO	25,18	35,33	28	33,2	20,5	0	358
IERAPETRA	25,73	35,02	24,3	30,4	16,7	69	
SITEIA	26,10	35,21	28,8	33,6	22,7	21	323
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	28,4	33,1	22,6	9	
KASTELI	25,33	35,18					
KARPATOS	27,15	35,42	27,6	33,5	18,7	70	320
PAROS	25,13	37,02	27	31	22,6	0	358
SYROS	24,95	37,42					
IKARIA	26,35	37,68	27,6	32,3	20,6	7	324

TABLE OF DEVIATIONS
FROM NORMAL VALUES

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	4.3	149
FLORINA		
THESSALONIKI	1.9	125
ALEXANDROUPOLI	3	1
KOZANI	1.4	223
KERKYRA	2.5	118
IOANNINA	0.8	280
LARISA	1.1	452
LIMNOS	2.8	-
AGHIALOS	1.7	38
MYTILINI	3.8	171
AGRINIO		
SKYROS	1.9	-
ARGOSTOLI	2.6	392
ARAXOS	1.9	33
HIOS	2.4	5
HELLINIKO	2	12
ZAKYNTHOS	3	209
SAMOS	1.2	-
KALAMATA	1.6	500
NAXOS	1.9	1
METHONI		
SANTORINI	3.1	1
SOUDA	1	533
RODOS	0.2	10
HERAKLIO	1	3,571
SITIA	-07	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 mainly over Sporathes, Creta and parts of mainland. The mean temperature varied higher than normals particularly over northern mainland and eastern Aegean sea area.

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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