



Climatic Bulletin

August 2014

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

August characterized by increased relative humidity mainly after the middle of the month. During the first ten days period strong rainfalls, thunderstorms and hail recorded over most parts. From then onwards short periods of high temperatures and etesians alternated.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

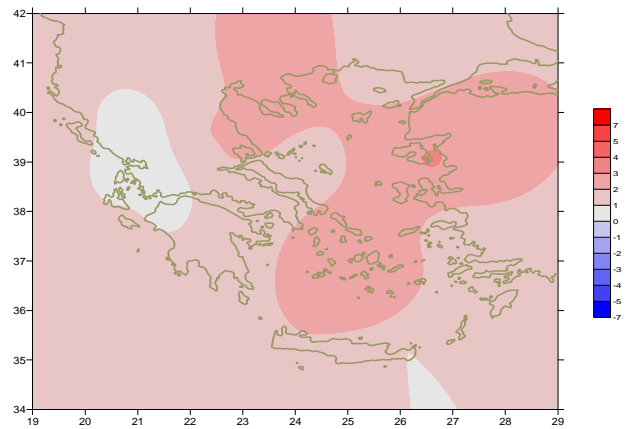
More specific (varied) :

Minimum:

from 14°C to 22°C over north mainland,
from 15°C to 24°C over central mainland,
from 17°C to 25°C over rest parts.

Maximum:

from 27°C to 35°C over north mainland,
from 28°C to 38°C over central mainland,
from 29°C to 35°C over rest parts.
(the highest value: 38°C in Elefsina at 4/8).



Deviation of mean temperature from normal values

Second Decameron

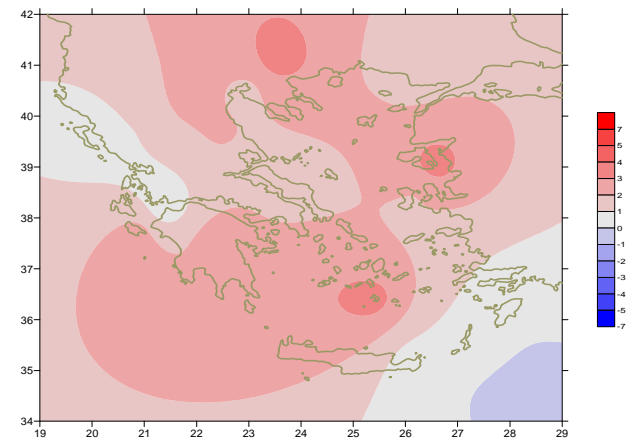
More specific (varied) :

Minimum:

from 8°C to 21°C over North mainland,
from 16°C to 25°C over central mainland,
from 20°C to 26°C over rest parts.

Maximum:

from 27°C to 39°C over north mainland,
from 26°C to 40°C over central mainland,
from 26°C to 37°C over rest parts.
(the highest value: 40°C in Lamia, Larisa, Argos at 15/8).



Deviation of maximum temperature from normal values

Third Decameron

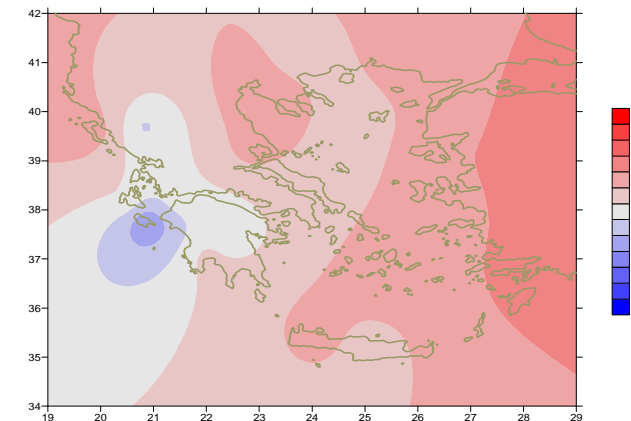
More specific (varied) :

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 minimum temperature from normal values



Precipitation

First Decameron

Significant local rainfalls and thunderstorms.

More specific:

*36mm in Serres(1/8),
79mm in Chrissoupoli, 70mm in Alexandroupoli (2/8),
72mm in Kozani (5/8), 9mm in Tanagra (6/8),
51mm in Limnos (7/8), 48mm in Skiros (7/8).*

Second Decameron

Few local rainfalls and thunderstorms over North mainland.

More specific:

6mm in Florina (17/8).

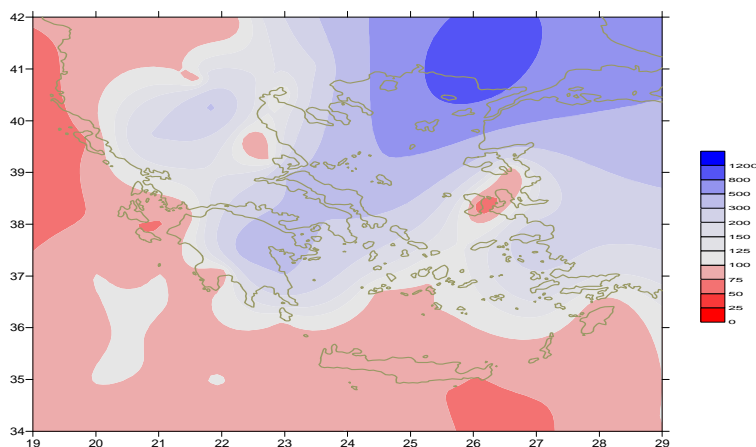
Third Decameron

Significant local rainfalls and thunderstorms

over Ipirous and Peloponnese.

More specific:

*10mm in Konitsa (29/8), 4mm in Ioannina (29/8),
48mm in Tripoli (31/8).*



*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	27,5	34,7	19	49	316
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	24,8	31,8	14,7	0	315
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	27,9	32,5	21	14	337
CHRYSOUPOLI	24,62	40,92	26,3	30,2	20	82	323
ALEXANDROUPOLI	25,95	40,85	26,6	31,3	19,8	109	341
KOZANI	21,83	40,28	24,8	31,4	16,9	101	
KERKYRA	19,92	39,62	27,4	31,6	21,2	0	372
IOANNINA	20,82	39,70	24,6	31,8	14,7	46	306
PREVEZA	20,76	38,91	26,3	30	20,7	0	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	28,1	34,6	19,2	8	323
LIMNOS	25,23	39,92	26,7	30,6	21,5	51	352
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	28	32,4	20,7	17	329
MYTILINI	26,60	39,05	29,1	33,4	24	1	376
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	26,5	31,1	19,9	0	362
SKYROS	24,48	38,96	26,5	28,8	23	49	347
ARGOSTOLI	20,50	38,12	26,7	30,5	21,7	0	379
ARAXOS	21,42	38,15	26,9	31,6	19,8	0	361
TANAGRA	23,57	38,33	28,2	33,1	19,4	31	356
HIOS	26,13	38,35	28	31,1	22,9	0	354
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	25,4	32,9	14,4	60	316
TATOI	23,78	38,10	27,9	32,9	20,1	1	
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	30,3	35,1	23,3	3	
ZAKYNTHOS	20,88	37,75	28,1	33,1	18,7	0	383
SAMOS	26,92	37,68	29,3	33,5	24,7	3	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	27,4	33,3	19,7	1	344
NAXOS	25,37	37,10	26,9	28,6	24,1	0	390
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95					
KOS	27,08	36,80	27,1	30,7	24,1	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	27,9	31,4	24,3	0	356
SOUDA	24,12	35,55	27,8	32,4	22,9	0	379
RODOS	28,08	36,40	28,5	30,8	25,9	0	358
MYKONOS	25,35	37,43	26,6	29,6	23,8	0	
HERAKLEIO	25,18	35,33	27,6	30,3	23,2	0	372
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	26,8	28,8	24,4	0	374
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	26,5	30,5	21,9	0	352
KARPATOS	27,15	35,42	27	29,7	25	0	
PAROS	25,13	37,02					
SYROS	24,95	37,42	27,7	30,9	24	0	362
IKARIA	26,35	37,68	25,8	27,1	24,4	6	

TABLE OF DEVIATIONS
FROM NORMAL VALUES

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	2.6	170
FLORINA		
THESSALONIKI	2.1	67
ALEXANDROUPOLI	1.4	1028
KOZANI	1.4	326
KERKYRA	1.3	0
IOANNINA	0.4	162
LARISA	2.1	52
LIMNOS	2.1	680
AGHIALOS	2.1	91
MYTILINI	3.2	24
AGRINIO		
SKYROS	1.7	476
ARGOSTOLI	1	0
ARAXOS	0.3	0
HIOS	2.4	5
HELLINIKO		
ZAKYNTHOS	1.5	0
SAMOS	1.6	273
KALAMATA	1.2	10
NAXOS	2.5	0
METHONI		
SANTORINI	3.1	0
SOUDA	2	0
RODOS	1.6	0
HERAKLIO	1.7	0
SITIA	1	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 north and central mainland. Also, over parts of northern-central Aegean sea and Crete.
The mean temperature varied above 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/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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