




Climatic Bulletin

September 2014

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

September had significant fluctuations of temperature and few days of very strong wind force. However, it characterized by strong rainfalls and thunderstorms which caused local floods.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ
HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

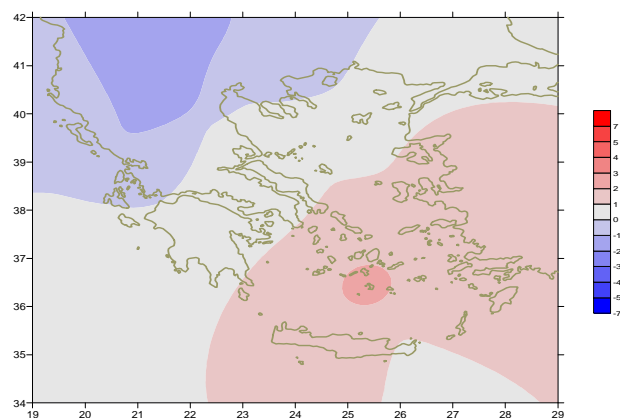
More specific (varied) :

Minimum:

from 10°C to 20°C over north mainland,
from 14°C to 23°C over central mainland,
from 17°C to 24°C over rest parts.

Maximum:

from 22°C to 33°C over north mainland,
from 27°C to 33°C over central mainland,
from 26°C to 35°C over rest parts.
(the highest value: 35.2°C in Sitia at 3/9).



Deviation of mean temperature from normal values

Second Decameron

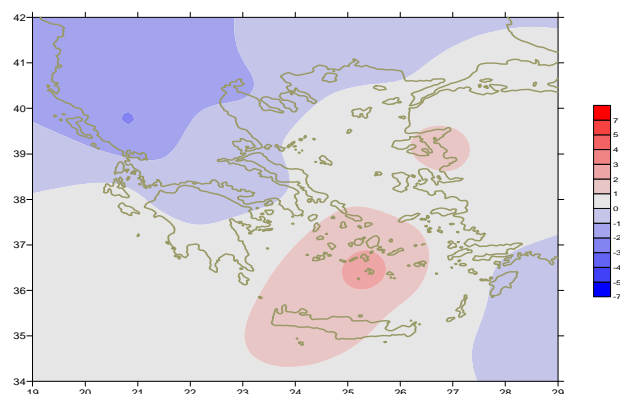
More specific (varied) :

Minimum:

from 10°C to 20°C over North mainland,
from 13°C to 22°C over central mainland,
from 16°C to 23°C over rest parts.

Maximum:

from 20°C to 32°C over north mainland,
from 27°C to 33°C over central mainland,
from 24°C to 32°C over rest parts.



Deviation of maximum temperature from normal values

Third Decameron

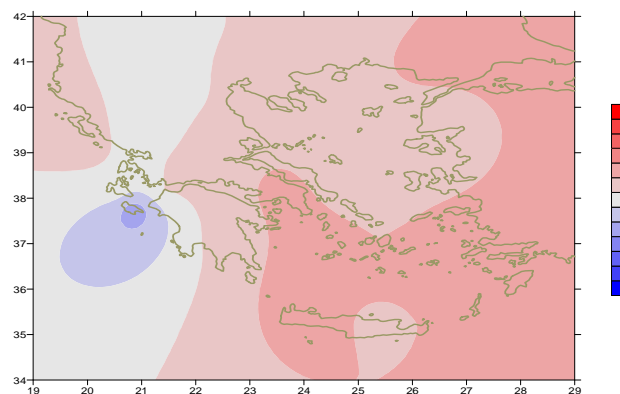
More specific (varied) :

Minimum:

from 3°C to 18°C over north mainland,
from 7°C to 22°C over central mainland,
from 12°C to 24°C over rest parts.
(the lowest value: 3°C in Florina at 30/9).

Maximum:

from 21°C to 31°C over north mainland,
from 23°C to 33°C over central mainland,
from 23°C to 37°C over rest parts.
(the highest value: 37.4°C in Souda at 23/9).



Deviation of minimum temperature from normal values



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

First Decameron

Significant local rainfalls and thunderstorms , mainly over west and north parts.

More specific:

*72mm in Florina, 70mm in Kastoria, 56mm in Kerkira,
99mm in Preveza (1/9),
80mm in Chrissoupoli (3/9),
40mm in Kozani, 52mm in Larisa, 50mm in Skiathos (6/9),
39mm in Tripoli (9/9).*

Second Decameron

Local rainfalls and thunderstorms.

More specific:

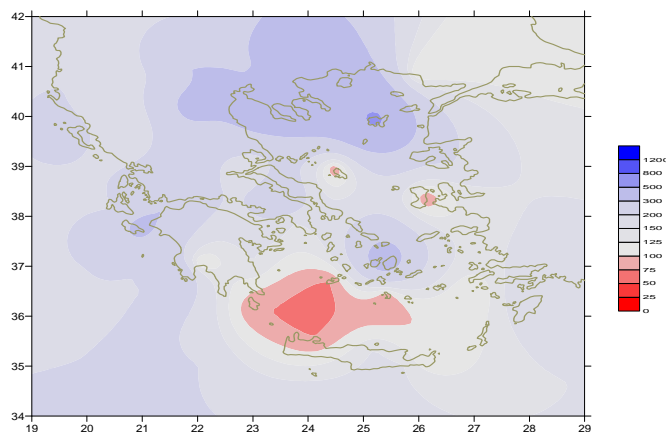
*51mm in Preveza (11/9),
20mm in Thessaloniki, 28mm in Tatoi (16/9),
44mm in Limnos (17/9), 29mm in Edessa (18/9).*

Third Decameron

Significant local rainfalls and thunderstorms..

More specific:

*23mm in Araxos (21/9),
40mm in Serres, 27mm in Zakynthos, 21mm in Chios (26/9),
22mm in Naxos. 28mm in Mikonos, 34mm in Sitia (27/9),
14mm in Kasteli (29/9).*



*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	20,9	27,6	15,3	99	154
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	17,9	24,2	11,9	148	202
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	21,6	25,9	16,9	118	216
CHRYSOUPOLI	24,62	40,92	21	25,2	16,6	125	212
ALEXANDROUPOLI	25,95	40,85	21,5	26,2	16,2	26	235
KOZANI	21,83	40,28	18	24	12,7	118	
KERKYRA	19,92	39,62	22,5	26,5	18,2	157	240
IOANNINA	20,82	39,70	19,2	25	12,7	60	180
PREVEZA	20,76	38,91	23,3	27	18,9	188	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	22,2	28,1	15,9	70	219
LIMNOS	25,23	39,92	21,6	25,5	17,8	107	249
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	22,7	27,2	17,1	48	245
MYTILINI	26,60	39,05	24,4	28,2	20	17	284
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	23,2	27,6	17,9	82	285
SKYROS	24,48	38,96	23	25,2	20,2	8	252
ARGOSTOLI	20,50	38,12	23,5	27,1	19,6	48	290
ARAXOS	21,42	38,15	23,5	27,7	17,9	63	290
TANAGRA	23,57	38,33	22,9	27,7	17,2	45	234
HIOS	26,13	38,35	23,7	26,5	19,2	27	291
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52					
TATOI	23,78	38,10	22,4	27,2	17,2	61	
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	24,8	29,1	19,7	31	
ZAKYNTHOS	20,88	37,75	23,9	28,5	17,1	84	281
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	23,8	29	17,1	11	297
NAXOS	25,37	37,10	24,4	26,4	21,8	23	
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	23,6	29,6	17,6	20	
KOS	27,08	36,80	24	27	21,3	21	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	25	28,1	21,6	9	284
SOUDA	24,12	35,55	24,6	28,6	20,9	2	286
RODOS	28,08	36,40	25,8	28,1	23,4	13	302
MYKONOS	25,35	37,43	23,5	26,4	20,9	22	
HERAKLEIO	25,18	35,33	24,9	27,8	21,1	24	260
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	24,5	27	21,9	35	299
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	22,8	27,3	18,4	70	267
KARPATOS	27,15	35,42	26	28,3	24,1	0	
PAROS	25,13	37,02					
SYROS	24,95	37,42	24,1	27,5	20,7	23	296
IKARIA	26,35	37,68					

TABLE OF DEVIATIONS
FROM NORMAL VALUES

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	-0.7	474
FLORINA		
THESSALONIKI	-0.2	450
ALEXANDROUPOLI	0.5	84
KOZANI	-1.5	360
KERKYRA	-0.2	210
IOANNINA	-1.1	110
LARISA	0.2	238
LIMNOS	0.2	546
AGHIALOS	0.5	154
MYTILINI	1.4	159
AGRINIO		
SKYROS	0.9	45
ARGOSTOLI	0	160
ARAXOS	0	281
HIOS	1.1	32
HELLINIKO		
ZAKYNTHOS	0.1	331
SAMOS		
KALAMATA	0.5	39
NAXOS	1.8	404
METHONI		
SANTORINI	2.4	50
SOUDA	1.6	11
RODOS	1.2	183
HERAKLIO	1.4	123
SITIA	0.9	77

(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 every region but they were lower over few parts of Aegean sea and Creta. The mean temperature varied above normal values over southeast parts and below them over northwest 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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