



# Climatic Bulletin

September 2013

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

September characterized by mild temperatures, in general.

In the middle of the month, locally strong rainfalls and thunderstorms affected most parts of the country while there were periods with lack of precipitation.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

## First Decameron

### Minimum:

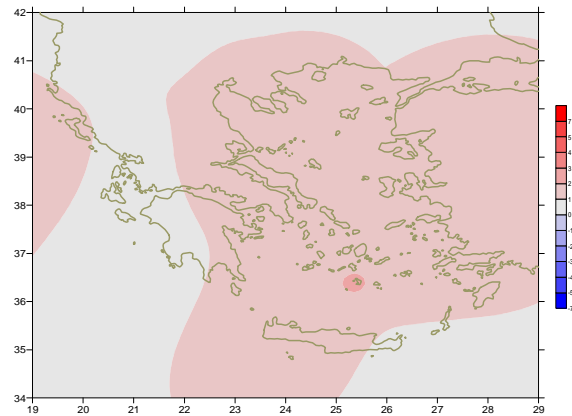
More specific varied :

from 8°C to 17°C over North mainland,  
 from 14°C to 21°C over rest mainland,  
 from 19°C to 25°C over islands.

**Maximum:** high values mainly over mainland.

More specific:

from 27°C to 34°C over North mainland,  
 from 30°C to 35°C over rest mainland,  
 from 25°C to 30°C over islands.



*Deviation of mean temperature from normal values*

## Second Decameron

### Minimum:

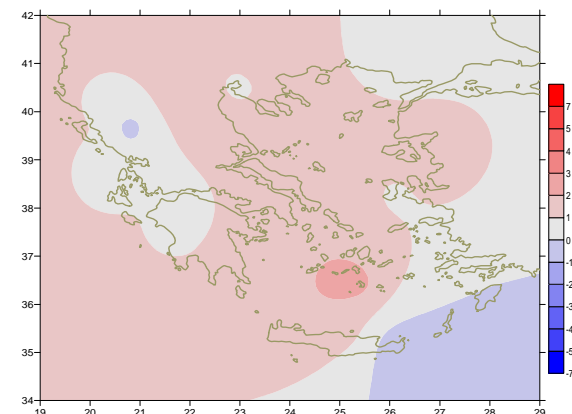
More specific varied :

from 10°C to 18°C over North mainland,  
 from 15°C to 22°C over rest mainland,  
 from 18°C to 25°C over islands.

**Maximum:**

More specific:

from 26°C to 33°C over North mainland,  
 from 31°C to 37.3°C over rest mainland,  
 from 26°C to 37°C over islands.



*Deviation of maximum temperature from normal values*

## Third Decameron

### Minimum:

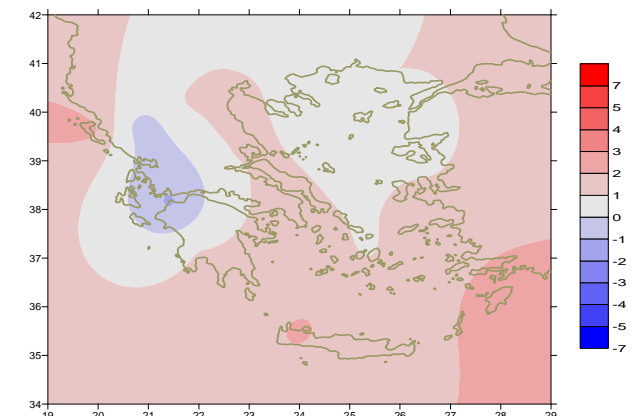
More specific varied :

from 2.6°C to 14°C over North mainland,  
 from 12°C to 20°C over rest mainland,  
 from 16°C to 23°C over islands.

**Maximum:**

More specific:

from 18°C to 30°C over North mainland,  
 from 29°C to 32°C over rest mainland,  
 from 23°C to 30°C over islands.



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Local rainfalls and thunderstorms over north mainland.

More specific:

*12mm in Serres,*

*12mm in Edessa,*

*2mm in Florina at 2/9.*

### Second Decameron

Locally strong rainfalls and thunderstorms temporarily over Ionian sea, mainland, islands of north and east Aegean.

More specific:

*19mm in Konitsa at 12/9,*

*27mm in Kerkyra , 29mm in Ioannina,*

*17mm in Argostoli, 27mm in Araxos at 16/9.*

*18mm in Chios at 17/9,*

*16mm in Alexandroupoli at 18/9.*

### Third Decameron

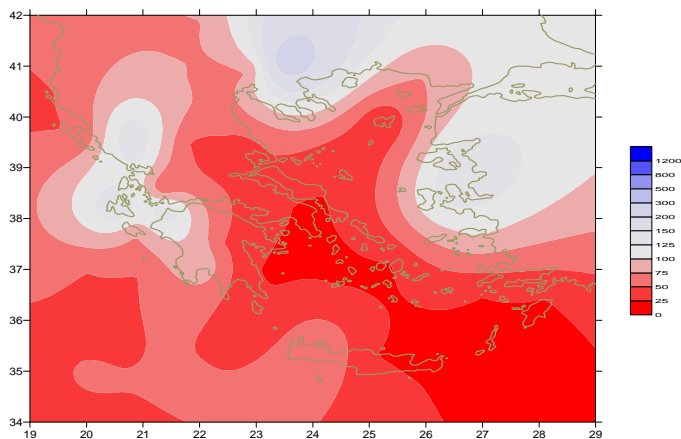
Local rainfalls and thunderstorms over Peloponnese.

More specific:

*18mm in Argos at 21/9,*

*9mm in Andravida , 10mm in Kalamata at 22/9,*

*21mm in Argostoli, 8mm in Leonidio at 23/9.*



*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	22,7	29,8	14,6	58	258
FLORINA	21,40	40,78	18,6	26,7	11,5	13	
KASTORIA	21,27	40,45	19,9	26,7	10,9	28	245
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	23,2	27,9	16,1	22	255
CHRYSOUPOLI	24,62	40,92	21,8	26,3	15,8	21	281
ALEXANDROUPOLI	25,95	40,85	22	26,7	15	22	303
KOZANI	21,83	40,28	20,8	27,2	13,7	24	
KERKYRA	19,92	39,62	24,1	28,9	18,7	34	274
IOANNINA	20,82	39,70	20,4	26,8	11,9	69	213
PREVEZA	20,76	38,91	24,4	28,2	18,7	20	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	23,5	30,7	15,2	10	231
LIMNOS	25,23	39,92	22,7	26,9	16,5	1	290
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	23,9	28,7	16,8	8	274
MYTILINI	26,60	39,05	24,4	28,7	19,3	15	321
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	24,1	28,8	18,3	10	281
SKYROS	24,48	38,96	23,6	26,4	19,7	1	271
ARGOSTOLI	20,50	38,12					
ARAXOS	21,42	38,15	24,2	28,6	17,5	28	288
TANAGRA	23,57	38,33	24,4	29,5	16,2	0	276
HIOS	26,13	38,35	23,7	27	18,5	0	302
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52					
TATOI	23,78	38,10	23,5	28,5	16	0	
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	25,7	30,1	19,5	0	
ZAKYNTHOS	20,88	37,75	24,6	28,7	18,7	12	291
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	24	29,8	17,3	22	281
NAXOS	25,37	37,10	24	26,4	20,7	0	314
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	24,4	27,7	16,7	0	
KOS	27,08	36,80	24,1	27,4	20,9	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	24,8	27,9	21,3	1	314
SOUDA	24,12	35,55	24,6	29	20,3	10	312
RODOS	28,08	36,40	25,7	28,3	22,8	0	322
MYKONOS	25,35	37,43	23,7	26,5	20,8	0	
HERAKLEIO	25,18	35,33	24,8	27,7	20,6	0	290
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	24,4	26	21,6	0	252
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18					
KARPATOS	27,15	35,42	24,9	27,8	23,1	0	
PAROS	25,13	37,02					
SYROS	24,95	37,42	24,5	28,4	20,9	0	312
IKARIA	26,35	37,68	22,7	24,6	20,8	4	

TABLE OF DEVIATIONS  
FROM NORMAL VALUES

STATION	TMEAN ( deviation ) (I)	PRECI ( deviation % ) (II)
SERRES	1.1	278
FLORINA	0.3	29
THESSALONIKI	1.4	84
ALEXANDROUPOLI	1	71
KOZANI	1.3	73
KERKYRA	1.4	46
IOANNINA	0.1	126
LARISA	1.5	34
LIMNOS	1.3	5
AGHIALOS	1.7	26
MYTILINI	1.4	140
AGRINIO		
SKYROS	1.5	6
ARGOSTOLI	0.7	147
ARAXOS	0.7	125
HIOS	1.1	-
HELLINIKO		
ZAKYNTHOS	0.8	47
SAMOS		
KALAMATA	0.7	78
NAXOS	1.4	
METHONI		
SANTORINI	2.2	6
SOUDA	1.6	54
RODOS	1.1	-
HERAKLIO	1.3	-
SITIA	0.8	-

(I) deviation of mean temperature from normal values

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

# Climatic Bulletin

## General Description

In general precipitation amounts were lower than normal values. Meanwhile they were higher locally over west, north mainland and eastern Aegean.  
The mean temperature varied slightly higher than normal values over east and south 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/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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