




# Climatic Bulletin

October 2014

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

October had significant fluctuations of temperature, with high values in the middle of the period and low values at the end.

However, the month was characterized by strong rainfalls and thunderstorms which caused severe local floods over many parts. In particular, the floods recorded on the 24<sup>th</sup> of October over Attica caused terrible havoc.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

## First Decameron

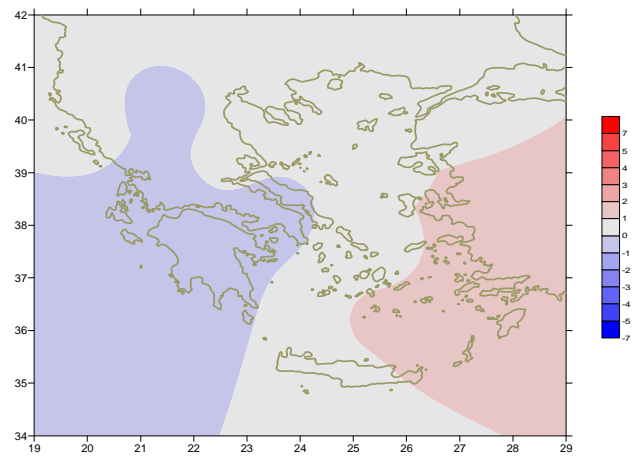
More specific (varied) :

### Minimum:

from 4°C to 16°C over north mainland,  
from 5°C to 17°C over central mainland,  
from 10°C to 21°C over rest parts.

### Maximum:

from 13°C to 28°C over north mainland,  
from 15°C to 31°C over central mainland,  
from 14°C to 29°C over rest parts.



*Deviation of mean temperature from normal values*

## Second Decameron

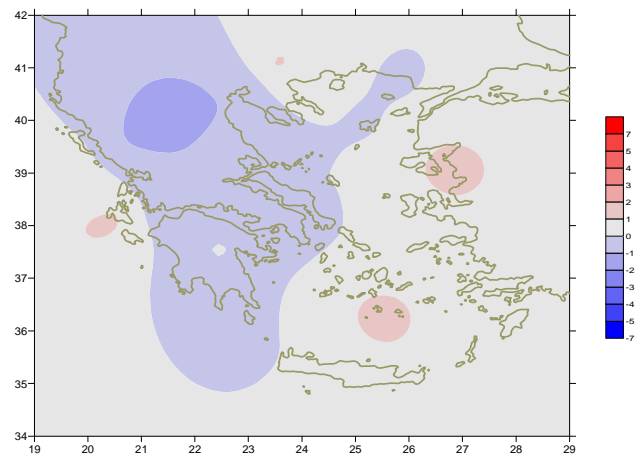
More specific (varied) :

### Minimum:

from 2°C to 16°C over North mainland,  
from 4°C to 22°C over central mainland,  
from 11°C to 22°C over rest parts.

### Maximum:

from 19°C to 29°C over north mainland,  
from 21°C to 33°C over central mainland,  
from 20°C to 33°C over rest parts.  
( the highest value: 33°C in Iraklion at 17/10).



*Deviation of maximum temperature from normal values*

## Third Decameron

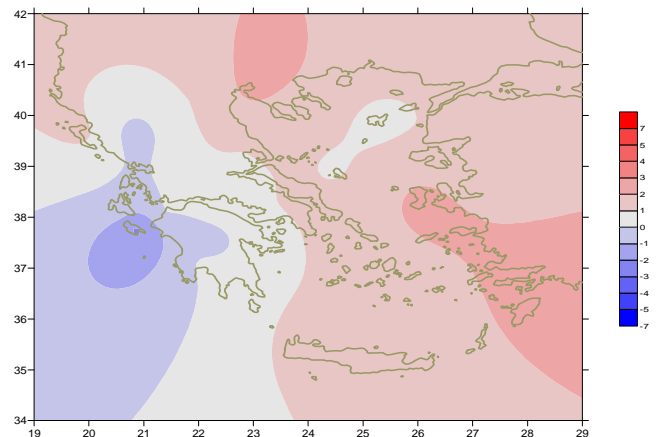
More specific (varied) :

### Minimum:

from 0°C to 17°C over north mainland,  
from 3°C to 15°C over central mainland,  
from 13°C to 17°C over rest parts.  
(the lowest value: 0°C in Florina at 30/10).

### Maximum:

from 10°C to 26°C over north mainland,  
from 12°C to 26°C over central mainland,  
from 15°C to 25°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

Strong rainfalls and thunderstorms mainly over west, north and locally south parts.

More specific:

*34mm in Argostoli, 39mm in Zakynthos, 28mm in Ioannina,  
33mm in Preveza (5/10),  
58mm in Kerkyra, 29mm in Konitsa (6/10),  
59mm in Kerkyra, 44mm in Adravida, 31mm in Kalamata (7/10).*

### Second Decameron

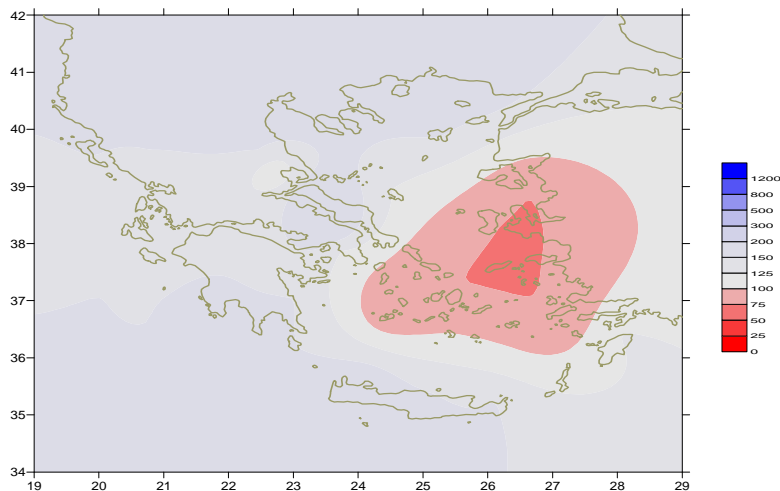
No significant precipitation recorded.

### Third Decameron

Strong rainfalls and thunderstorms over most parts.

More specific:

*24mm in Serres, 21mm in N.Kolimvitirio(23/10),  
65mm in Tatoi, 62mm in Elefsina, 60mm in Tanagra,  
61mm in N.Filadelfia (24/10),  
41mm in Ioannina, 40mm in Tripoli, 33mm in Skiathos (24/10),  
36mm in Chryssoupoli, 30mm in Thessaloniki (25/10),  
28mm in Milos (26/10), 28mm in Souda(27/10),  
20mm in Iraklion, 19mm in Sitia (30/10),*



*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	16,4	22,1	11,4	59	123
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	13	18,1	7,4	82	152
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	16,7	20,4	12,8	70	133
CHRYSOUPOLI	24,62	40,92	15,8	20	11,7	71	156
ALEXANDROUPOLI	25,95	40,85	15,9	20	11,3	82	166
KOZANI	21,83	40,28	13	17,6	8,9	88	
KERKYRA	19,92	39,62	18,6	23,2	14,6	198	206
IOANNINA	20,82	39,70	14,9	20,2	8,1	122	140
PREVEZA	20,76	38,91	19,2	22,5	16	190	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	16,4	21,3	11,3	66	115
LIMNOS	25,23	39,92	16,7	20	13,2	55	182
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	17	21,1	13	64	151
MYTILINI	26,60	39,05	19,3	22,9	15,7	22	188
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	18,1	23,2	13,4	166	190
SKYROS	24,48	38,96	18,3	20,5	16,3	42	206
ARGOSTOLI	20,50	38,12	19,4	23,8	15,5	125	218
ARAXOS	21,42	38,15	18,5	22,8	14	97	209
TANAGRA	23,57	38,33	16,7	21,7	12,3	100	151
HIOS	26,13	38,35	19	21,9	15,9	20	223
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	14,3	20,4	8	88	147
TATOI	23,78	38,10	17,4	21,8	12,8	75	
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	19,4	23,4	15,6	82	
ZAKYNTHOS	20,88	37,75	18,7	23,5	13,5	184	187
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	18,2	23,9	13,2	156	202
NAXOS	25,37	37,10	19,8	21,6	18,6	27	202
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	18,2	30,1	13,7	14	
KOS	27,08	36,80	20,1	23	17,4	17	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	20,4	23,1	17,5	26	
SOUDA	24,12	35,55	19,5	23,2	16,5	137	204
RODOS	28,08	36,40	21,7	24,4	19,1	72	256
MYKONOS	25,35	37,43	18,7	21,2	17,2	9	
HERAKLEIO	25,18	35,33	20,7	23,7	17,6	99	195
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21					
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTEI	25,33	35,18	18,4	22,4	14,8	43	232
KARPATOS	27,15	35,42	22,7	25,2	21,2	0	
PAROS	25,13	37,02					
SYROS	24,95	37,42	19,4	22,2	17	6	241
IKARIA	26,35	37,68	19,3	21	17,7	69	

**TABLE OF DEVIATIONS  
FROM NORMAL VALUES**

STATION	TMEAN ( deviation ) (I)	PRECI (deviation % ) (II)
SERRES	1	135
FLORINA		
THESSALONIKI	0,6	173
ALEXANDROUPOLI	0,4	163
KOZANI	-0,4	174
KERKYRA	0,2	134
IOANNINA	0	128
LARISA	0,3	140
LIMNOS	0,1	153
AGHIALOS	0,3	99
MYTILINI	1	58
AGRINIO		
SKYROS	0,2	109
ARGOSTOLI	-0,3	117
ARAXOS	-0,4	114
HIOS	1	54
HELLINIKO		
ZAKYNTHOS	-0,9	126
SAMOS		
KALAMATA	-0,6	156
NAXOS	0,5	69
METHONI		
SANTORINI	1,5	89
SOUDA	0,5	171
RODOS	1,1	112
HERAKLIO	0,8	144
SITIA		

(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 in general but they were lower over few parts of east and south Aegean sea. The mean temperature varied above normal values over eastern Aegean area and below them over Ionian and over central-southern mainland.

### 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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