



# Climatic Bulletin

October 2016

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

October characterized by the crossing of four barometric lows which affected most parts of Greece and mainly the western ones.

Occasionally, extremely strong rainfalls, thunderstorms, whirlwinds and gale force winds caused local disasters. In particular, significant floods recorded over Kerkira, Kefalonia, Ioannina, Nafpaktos, Mesologi and western parts of Crete.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

### First Decameron

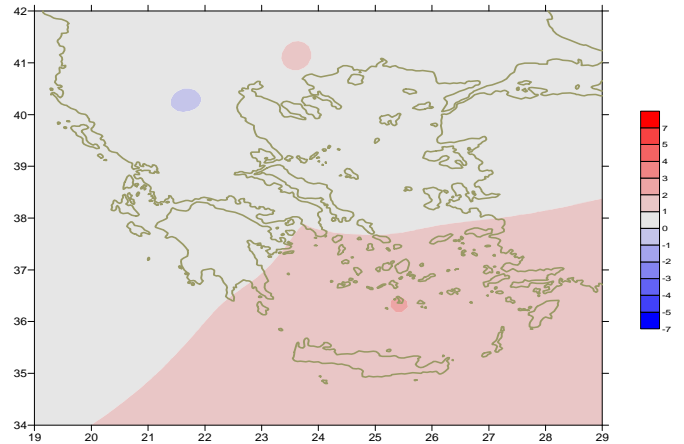
More specific (varied) :

**Minimum:**

from 0°C to 16°C over north mainland,  
from 6°C to 19°C over central mainland,  
from 10°C to 23°C over rest parts.

**Maximum:**

from 15°C to 30°C over north mainland,  
from 16°C to 33°C over central mainland,  
from 23°C to 30°C over rest parts.



*Deviation of mean temperature from normal values*

### Second Decameron

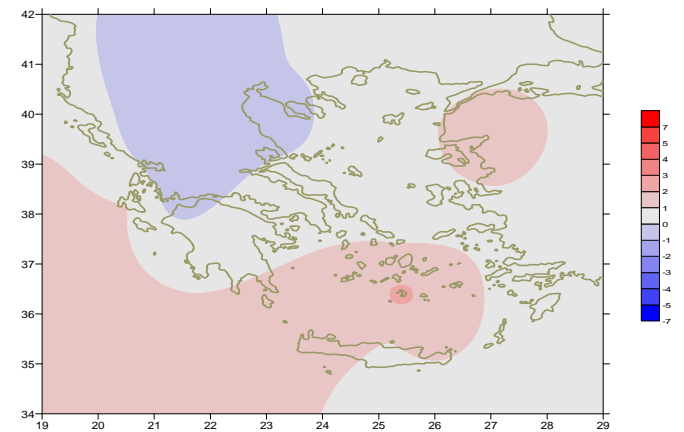
More specific (varied) :

**Minimum:**

from 0°C to 16°C over north mainland,  
from 3°C to 20°C over central mainland,  
from 9°C to 24°C over rest parts.

**Maximum:**

from 14°C to 24°C over north mainland,  
from 16°C to 27°C over central mainland,  
from 19°C to 33°C over rest parts.



*Deviation of maximum temperature from normal values*

### Third Decameron

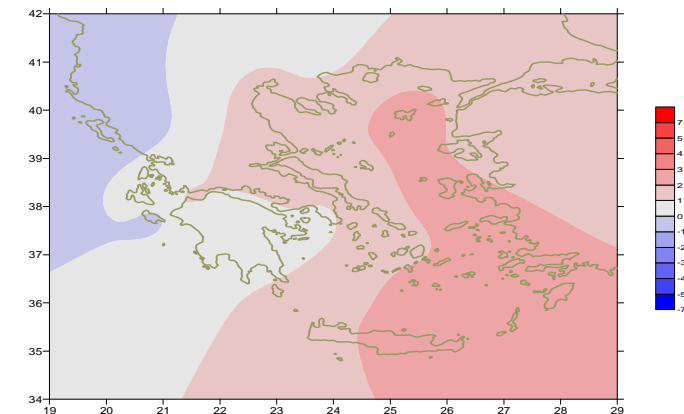
More specific (varied) :

**Minimum:**

from 4°C to 15°C over north mainland,  
from 6°C to 19°C over central mainland,  
from 14°C to 21°C over rest parts.

**Maximum:**

from 13°C to 23°C over north mainland,  
from 15°C to 24°C over central mainland,  
from 17°C to 26°C over rest parts.



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Local strong rainfalls and thunderstorms over most parts of mainland and Ionian area.

More specific:

*24mm in Konitsa, 20mm in Kerkyra, 44mm in Preveza, 23mm in Lamia, 41mm in Araxos, 25mm in Zakynthos (7/10), 43mm in Astros, 33mm in Tripoli, 13mm in Mitilini, 13mm in Nat. Kolimvitiirion (8/10), 23mm in Thessaloniki, 73mm in Kerkira, 42mm in Ioannina (10/10).*

### Second Decameron

Remarkable local precipitation in the beginning mainly over west parts..

More specific:

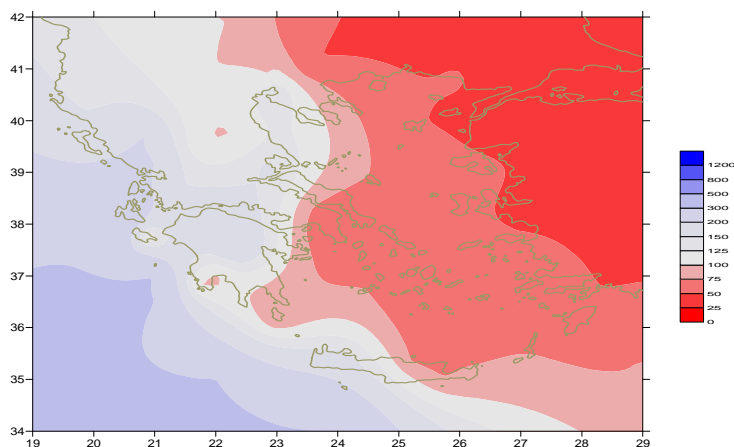
*34mm in Chrissoupoli, 44mm in Konitsa, 23mm in Kerkira, 42mm in Andravida, 25mm in Araxos. 21mm in Preveza, 24mm in Argostoli (11/10), 16mm in Lamia (17/10), 25mm in Argostoli (20/10).*

### Third Decameron

Remarkable precipitation mainly over Ionian area, west, central, south mainland and Creta.

More specific:

*86mm in Argostoli, 39mm in Andravida, 42mm in Araxos. 40mm in Zakynthos (21/10), 41mm in Ioannina, 54mm in Andravida, 61mm in Araxos. 39mm in Preveza, 24mm in Tripoli, 28mm in Nat. Kolimvitiirio, 20mm in Tatoi (22/10), 28mm in Kalamata, 33mm in Methoni (28/10), 89mm in Souda, 37mm in Kasteli, 27mm in Iraklio (31/10).*



*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	16,5	21,2	16,7	16	130
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	12,9	18,2	8	66	155
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	16,8	20,3	12,9	49	142
CHRYSOUPOLI	24,62	40,92	16	20,3	11,5	47	178
ALEXANDROUPOLI	25,95	40,85	16	21	10,7	12	210
KOZANI	21,83	40,28	13,3	18	9	45	
KERKYRA	19,92	39,62	19,2	23,9	15,2	195	185
IOANNINA	20,82	39,70	15	20,7	8,7	148	152
PREVEZA	20,76	38,91	19,2	23	15,4	162	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	16,7	21,8	12	47	130
LIMNOS	25,23	39,92	17,2	20,9	13,3	5	226
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	17,5	21,5	13,6	86	144
MYTILINI	26,60	39,05	18,9	22,8	15	16	245
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	18,7	23,7	13,9	186	178
SKYROS	24,48	38,96	18,3	20,7	15,3	9999	192
ARGOSTOLI	20,50	38,12	20	23,7	17,4	245	197
ARAXOS	21,42	38,15	19,4	23	14,8	125	203
TANAGRA	23,57	38,33					
HIOS	26,13	38,35	18,8	22	14,1	4	236
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	14,9	21	8,7	132	170
TATOI	23,78	38,10	18	22,4	14	38	
HELLINIKO	23,73	37,90	20,3	23,7	16,8	19	182
ELEYSINA	23,55	38,07	20,2	24	15,9	48	
ZAKYNTHOS	20,88	37,75	19,7	23,7	15,6	142	191
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	19,6	25,4	14	77	208
NAXOS	25,37	37,10	20,6	22,6	18,3	4	235
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	19,2	22,6	14,1	35	
KOS	27,08	36,80	20,2	23,4	17,6	8	0
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	21	23,9	17,9	12	265
SOUDA	24,12	35,55	20,7	24,3	17,4	100	214
RODOS	28,08	36,40	22	24,8	19,6	13	268
MYKONOS	25,35	37,43	19,4	22,1	17,5	9	0
HRAKLEIO	25,18	35,33	21,5	24	18,5	29	198
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21					
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	19,2	23,7	14,8	61	196
KARPATOS	27,15	35,42	21,9	24,7	20,3	14	
PAROS	25,13	37,02	20,3	22,6	17,5	3	220
SYROS	24,95	37,42					
IKARIA	26,35	37,68					

**TABLE OF DEVIATIONS  
FROM NORMAL VALUES**

STATION	TMEAN ( deviation )	PRECI ( deviation % )
	( I )	( II )
SERRES	1.1	37
FLORINA		
THESSALONIKI	0.7	121
ALEXANDROUPOLI	0.5	24
KOZANI	-0.1	89
KERKYRA	0.8	132
IOANNINA	0.1	155
LARISA	0.6	100
LIMNOS	0.6	14
AGHIALOS	0.8	133
MYTILINI	0.6	42
AGRINIO		
SKYROS	0.2	-
ARGOSTOLI	0.3	229
ARAXOS	0.5	146
HIOS	0.8	11
HELLINIKO	1	40
ZAKYNTHOS	0.1	97
SAMOS		
KALAMATA	0.8	77
NAXOS	1.3	10
METHONI		
SANTORINI	2.1	41
SOUDA	1.7	125
RODOS	1.4	20
HERAKLIO	1.6	42
SITIA		

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

# Climatic Bulletin

## General Description

Precipitation amounts varied higher enough than normals over Ionian area and locally over west mainland. The mean temperature was slightly higher than normal values mainly over Aegean 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/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

© Hellenic National Meteorological Service  
 Reproduction is prohibited without written authorization  
 14 El.Venizelou 16777  
 Helliniko, Athens  
 Greece