




# Climatic Bulletin

May 2014

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

The main characteristic of month was the alternation of periods with strong rainfalls, thunderstorms (over central and north mainland) and periods with high temperatures. An episode with dust from Africa recorded from the 26th to 29th of May.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

### First Decameron

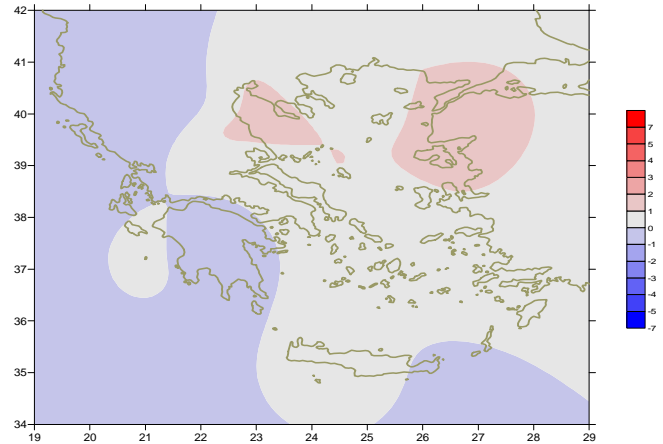
More specific (varied) :

**Minimum:**

from 3°C to 13°C over north mainland,  
from 5°C to 15°C over central mainland,  
from 7°C to 19°C over rest parts.

**Maximum:**

from 16°C to 26°C over north mainland,  
from 19°C to 27°C over central mainland,  
from 18°C to 27°C over rest parts.



*Deviation of mean temperature from normal values*

### Second Decameron

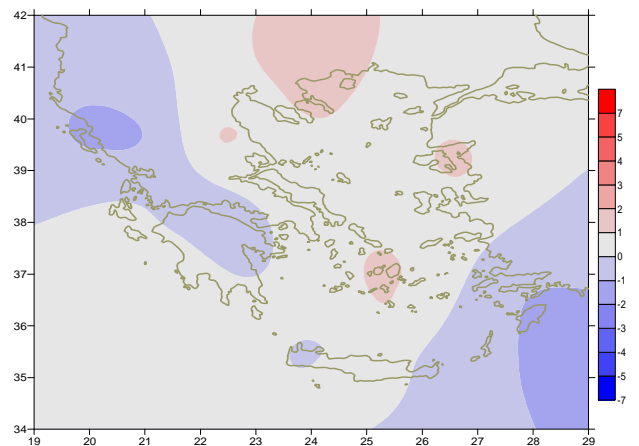
More specific (varied) :

**Minimum:**

from 5°C to 13°C over North mainland,  
from 7°C to 15°C over central mainland,  
from 10°C to 17°C over rest parts.  
( the lowest value : 1°C in Florina at 18/5).

**Maximum:**

from 19°C to 28°C over north mainland,  
from 20°C to 30°C over central mainland,  
from 21°C to 28°C over rest parts.



*Deviation of maximum temperature from normal values*

### Third Decameron

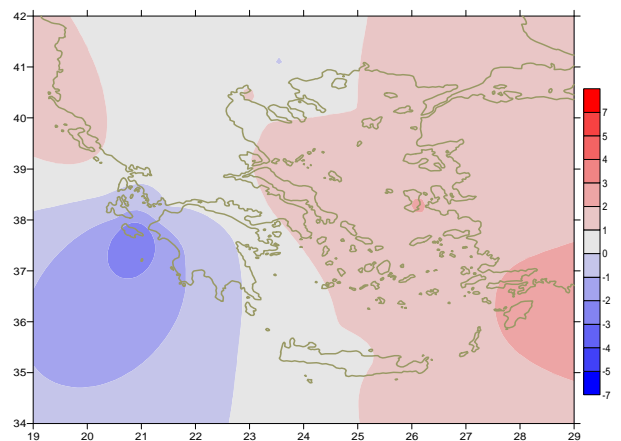
More specific (varied) :

**Minimum:**

from 7°C to 15°C over north mainland,  
from 10°C to 16°C over central mainland,  
from 12°C to 21°C over rest parts.

**Maximum:**

from 20°C to 33°C over north mainland,  
from 23°C to 34°C over central mainland,  
from 22°C to 35°C over rest parts.  
( the highest value: 35°C in Kalamata at 26/5).



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Significant local rainfalls and thunderstorms locally over central, northern mainland and N. Ionion.

More specific:

*22mm in Ioannina, 11mm in Serres (1/5),  
18mm in Preveza (4/5), 7mm in Alexandroupoli (5/5),  
17mm in Chrissoupoli, 6mm in Kastellorizo (10/5).*

### Second Decameron

Relatively low precipitation amounts.

More specific:

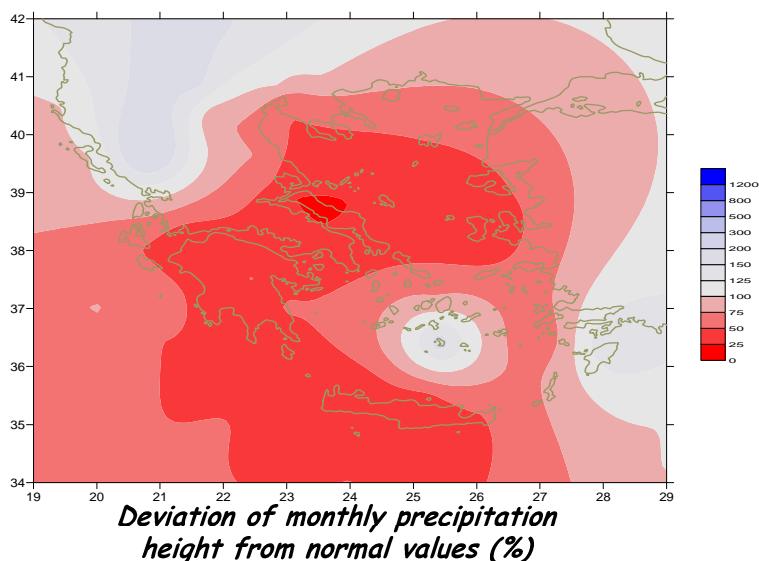
*3mm in Alexandroupoli (11/5),  
10mm in Serres, 7mm in Kastoria (14/5),  
7mm in Kerkyra, 12mm in Ioannina, 3mm in Astipalea (17/5).  
4mm in Kithira (19/5).*

### Third Decameron

Significant local rainfalls and thunderstorms.

More specific:

*37mm in Ioannina (23/5), 10mm in Larissa (24/5),  
15mm in Kozani (26/5), 7mm in Thessaloniki, 5mm in Aghialos, 7mm in Naxos.  
11mm in Milos (29/5), 30mm in Chrissoupoli, 11mm in Kos (30/5).*



STATION	Longitude	Latitude	Tmean	TX	TN	RR	INST
SERRES	23,53	41,07	19,8	26,7	12,4	50	207
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	15,9	21,6	7,8	50	228
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	20,7	24,9	12,9	15	283
CHRYSOUPOLI	24,62	40,92	19,3	22,6	13,7	56	281
ALEXANDROUPOLI	25,95	40,85	19,3	23,1	12,8	24	281
KOZANI	21,83	40,28	16,3	22	9,4	39	
KERKYRA	19,92	39,62	19,4	22,7	14,6	32	287
IOANNINA	20,82	39,70	15,9	22,1	9,8	116	183
PREVEZA	20,76	38,91	18,9	22,2	14,9	48	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	20,7	26,9	11,2	26	249
LIMNOS	25,23	39,92	19,3	22,6	13,8	7	328
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	20,3	24,6	12,8	12	293
MYTILINI	26,60	39,05	21,4	25,1	16,4	11	288
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	19,5	23,6	12,9	8	301
SKYROS	24,48	38,96	20,3	22,9	16,8	2	308
ARGOSTOLI	20,50	38,12	19,3	22,9	14,3	6	330
ARAXOS	21,42	38,15	19,8	23,7	12,9	5	318
TANAGRA	23,57	38,33	20,6	25,3	12,3	4	300
HIOS	26,13	38,35	20,4	23,3	15,4	2	313
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	16,1	22	7,8	16	160
TATOI	23,78	38,10	20	24,1	12		
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	21,6	25,8	14,4	4	
ZAKYNTHOS	20,88	37,75	20	24,3	11,3	7	298
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	19,7	25	11,7	2	300
NAXOS	25,37	37,10	20	23,1	16,7	8	325
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	19,5	24,3	14,1		
KOS	27,08	36,80	19,8	23	16,5	8	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	20,1	23,1	16,9	10	298
SOUDA	24,12	35,55	20,2	24,3	15,5	3	337
RODOS	28,08	36,40	20,8	23,1	17,9	16	298
MYKONOS	25,35	37,43	19,6	22,5	16,7		
HERAKLEIO	25,18	35,33	20,9	24,5	15,8	3	316
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	20,1	23,4	17,1	4	
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	19,1	23,4	13,8	4	294
KARPATOS	27,15	35,42	20,6	22,9	18,3	0	
PAROS	25,13	37,02					
SYROS	24,95	37,42	20	23,9	16,4		319
IKARIA	26,35	37,68	19,2	21,3	17,2	18	

TABLE OF DEVIATIONS  
FROM NORMAL VALUES

STATION	TMEAN ( deviation ) (I)	PRECI ( deviation % ) (II)
SERRES	0.3	103
FLORINA		
THESSALONIKI	1.2	34
ALEXANDROUPOLI	1	66
KOZANI	-0.5	68
KERKYRA	-0.2	81
IOANNINA	-1.5	173
LARISA	1.1	70
LIMNOS	0.9	30
AGHIALOS	0.8	32
MYTILINI	1.2	52
AGRINIO		
SKYROS	1	11
ARGOSTOLI	-0.2	32
ARAXOS	0	27
HIOS	0.9	17
HELLINIKO		
ZAKYNTHOS	0.2	41
SAMOS		
KALAMATA	-0.1	9
NAXOS	0.6	82
METHONI		
SANTORINI	0.9	167
SOUDA	0.2	23
RODOS	0.3	114
HERAKLIO	0.6	20
SITIA	-0.3	31

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

# Climatic Bulletin

## General Description

Precipitation amounts were lower than normal values everywhere with exception of few parts of northern, central mainland and south Aegean area .  
The mean temperature varied near by the 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/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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