




# Climatic Bulletin

March 2013

 Max  
temperature

 Min  
temperature

 Mean  
temperature

 Precipitation

 Sunshine  
duration



The prevalence of gale force south winds for a long period and the frequent transportation of dust from Northern Africa to greater area of Greece are two of the main characteristics of March.

In parallel locally strong rainfalls and thunderstorms recorded while significant amounts of snow covered the higher mountains of mainland.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ

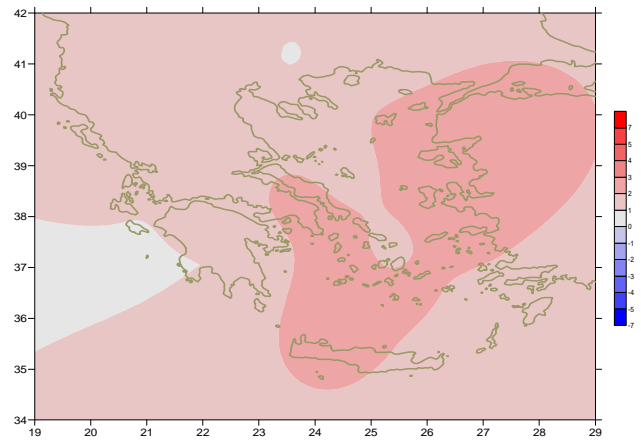
HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

### First Decameron

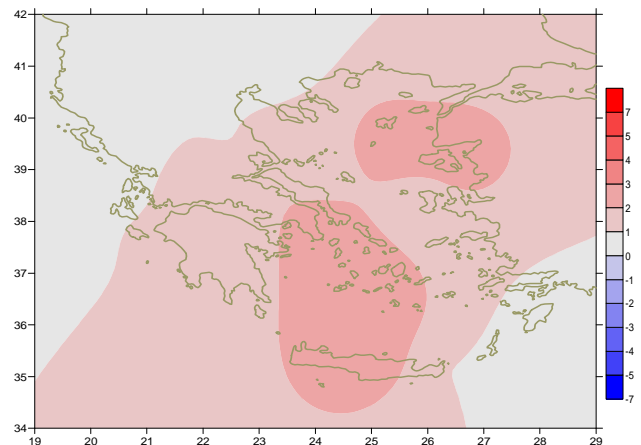
**Minimum:** low values in the beginning.  
 More specific (the lowest) :  
 -3.8C in Florina, -3.4°C in Kastoria at 4/3.  
**Maximum:**  
 More specific (variation of values):  
 over north mainland from 6°C to 15°C .  
 over central mainland from 9°C to 17°C .  
 over rest parts from 11°C to 19°C .



*Deviation of mean temperature from normal values*

### Second Decameron

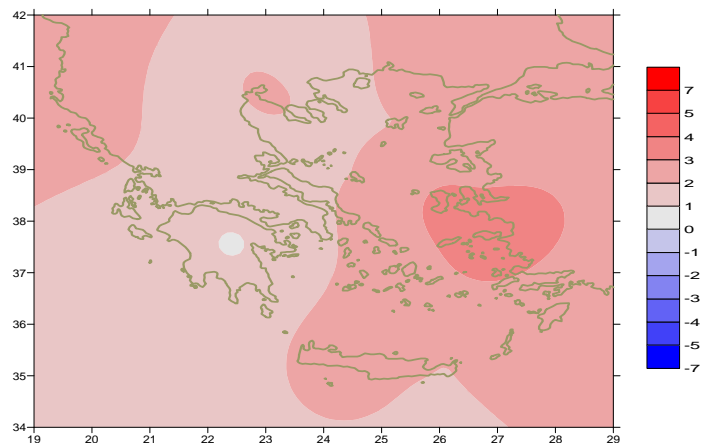
**Minimum:**  
 More specific : (variation of values):  
 over north mainland from 2°C to 9°C .  
 over central mainland from 4°C to 13°C .  
 over rest parts from 9°C to 15°C .  
**Maximum:**  
 More specific (the highest):  
 25.5 in Kasteli (11/3), 22.5°C in Argos (13/3),  
 25.6°C in Souda at 20/3.



*Deviation of maximum temperature from normal values*

### Third Decameron

**Minimum:**  
 More specific (variation of values):  
 over north mainland from -4°C to 11°C .  
 over central mainland from 2°C to 13°C .  
 over rest parts from 8°C to 17°C .  
**Maximum:** high values at the end.  
 More specific :  
 25.4°C in Iraklion at 29/3,  
 26°C in Souda and 25.6°C in Andravida at 30/3.



*Deviation of minimum temperature from normal values*



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

### First Decameron

Locally strong rainfalls and thunderstorms mainly over Peloponnese and over eastern Aegean.

More specific:

*50mm in Astros, 36mm in Kalamata, 39mm in Naxos (3/3),  
21mm in Chios (8/3), 86mm in Samos(9/3), 26mm in Mitilini (10/3).*

### Second Decameron

Significant rainfalls and thunderstorms mainly over Ipirus.

More specific:

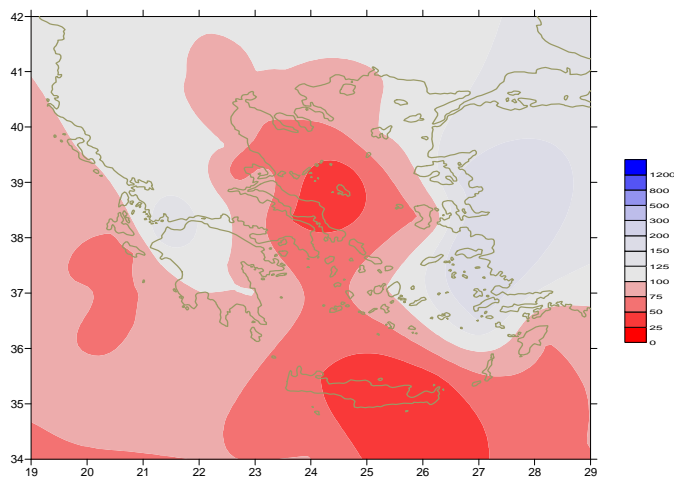
*29mm in Konitsa at 13/3 and 53mm at 14/3,  
28mm in Preveza at 15/3,  
17 in Mitilini at 16/3 and 14mm in Andravida at 16/3.*

### Third Decameron

Significant precipitation amounts over northern mainland and eastern Aegean.

More specific:

*34mm in Limnos, 16mm in Chios at 22/3  
41mm in Edessa at 25/3,  
25mm in Preveza, 16mm in Araxos at 26/3,  
20mm in Konitsa at 31/3.*



*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	10,6	15,1	5,6	30	69
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	8,3	12,9	3,2	74	136
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	11,4	15	6,8	30	139
CHRYSOUPOLI	24,62	40,92	10,6	13,9	7	38	134
ALEXANDROUPOLI	25,95	40,85	10,4	13,9	6,3	46	160
KOZANI	21,83	40,28	8,7	12,5	3,2	33	
KERKYRA	19,92	39,62	13,3	16,8	9,7	86	137
IOANNINA	20,82	39,70					
PREVEZA	20,76	38,91	13,3	16,7	9,7		115
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	10,8	15,8	4,8	29	134
LIMNOS	25,23	39,92	12	15,3	8,2	45	164
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	11,8	16,3	6,4	25	151
MYTILINI	26,60	39,05	14,3	17,3	10,7	96	181
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	13,4	17,7	8,6	80	178
SKYROS	24,48	38,96	13,5	16	10,9	10	167
ARGOSTOLI	20,50	38,12	14,2	16,9	10,7	55	173
ARAXOS	21,42	38,15	13,6	17,2	9,2	80	171
TANAGRA	23,57	38,33	12,5	16,9	6,4	25	157
HIOS	26,13	38,35	13,9	16,4	10,8	48	184
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	9,4	14,7	3,4	71	150
TATOI	23,78	38,10	12,2	16,6	6,5	21	
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	13,6	17,4	8,8	10	
ZAKYNTHOS	20,88	37,75	13,8	17,2	10,5	50	150
SAMOS	26,92	37,68	14,5	17,3	11,5	141	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	13,4	18,4	8,2	69	173
NAXOS	25,37	37,10	15,2	17,9	12,5	47	206
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	13,5	17,2	8,3	26	
KOS	27,08	36,80	14,1	16,5	11,9	39	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	15,2	17,6	12,7	36	206
SOUDA	24,12	35,55	15	18,9	10,9	20	216
RODOS	28,08	36,40	15	17,4	12,4	50	190
MYKONOS	25,35	37,43	14,1	16,1	12,6	16	
HERAKLEIO	25,18	35,33	15,7	19,5	11,9	11	208
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	15,2	18,2	12,3	2	191
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	13,4	18,2	8,8	16	209
KARPATHOS	27,15	35,42					
PAROS	25,13	37,02					
SYROS	24,95	37,42	14,4	17,2	12	22	219
IKARIA	26,35	37,68	14	15,5	12,7	85	

TABLE OF DEVIATIONS  
FROM NORMAL VALUES

STATION	TMEAN ( deviation ) (I)	PRECI ( deviation % ) (II)
SERRES	0.9	91
FLORINA		
THESSALONIKI	1.8	66
ALEXANDROUPOLI	1.9	88
KOZANI	1.7	79
KERKYRA	1.2	87
IOANNINA		
LARISA	1.3	80
LIMNOS	2.1	87
AGHIALOS	1.8	48
MYTILINI	2.5	128
AGRINIO		
SKYROS	1.8	20
ARGOSTOLI	1.1	66
ARAXOS	1.3	134
HIOS	2.1	65
HELLINIKO		
ZAKYNTHOS	0.9	56
SAMOS	2.3	164
KALAMATA	1	96
NAXOS	2.1	94
METHONI		
SANTORINI	2.5	60
SOUDA	2.4	25
RODOS	1.4	66
HERAKLIO	2.1	20
SITIA	1.4	18

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

# Climatic Bulletin

## General Description

Precipitation amounts were quite higher than normal values locally over western, northern parts and eastern Aegean, while over rest parts they were lower enough.  
The mean temperature varied higher than normal values everywhere.

### 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