




# Climatic Bulletin

April 2011

 Max  
temperature

 Min  
temperature

 Mean  
temperature

 Precipitation

 Sunshine  
duration



April gave a lot of rainfalls and thunderstorms in the beginning, in the middle and during last days of the month.

Also, remarkable snowfalls recorded over mountains of the whole country, even of southern islands.

Gale force north winds ( 7 locally 8 Beaufort) affected eastern parts, quite often, giving a sense of colder conditions.

Anyway, the mean temperature was in general lower than normal values.



ΕΘΝΙΚΗ  
ΜΕΤΕΩΡΟΛΟΓΙΚΗ  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



## Temperature

### First Decameron

**Minimum:** relatively high values which declined between 3/4 and 8/4.

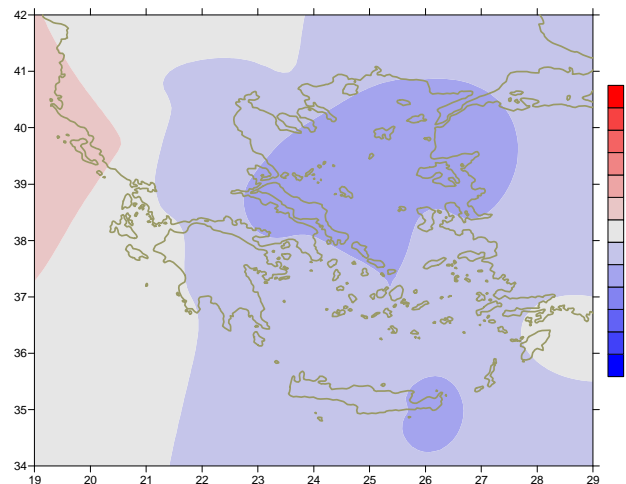
More specific (the lowest):

1.8°C in Kastoria, 2.2°C in Florina and 1.4°C in Tripoli at 5/4.

**Maximum:** high values mainly at the end.

More specific (from the highest):

29.8°C in Trikala (Imathias) at 8/4, 28.4°C in Astros and 29°C in Trikala (Thessaly) at 9/4.



*Deviation of mean temperature from normal values*

### Second Decameron

**Minimum:** The values decreased even over southern parts.

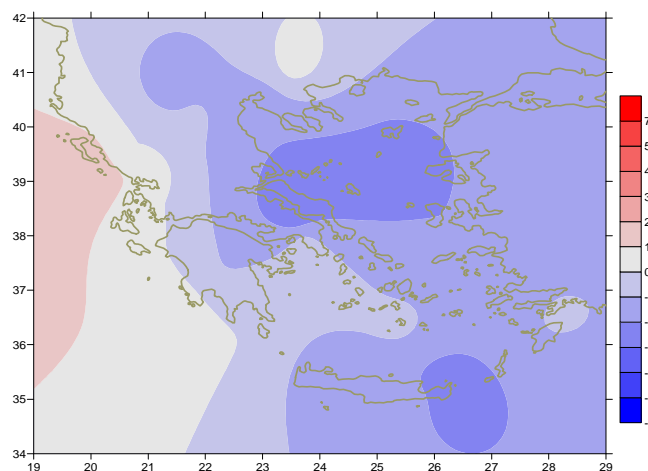
More specific:

2.2°C in Tanagra, 3.2°C in Spata (airport) at 12/4 but below zero values over NW mainland (e.g. Florina -2°C at 15/4).

**Maximum:** low values at the end of the period over eastern and southern islands.

More specific:

10.6°C in Limnos, 1°C in Mykonos and 12.6°C in Chios at 19/4.



*Deviation of maximum temperature from normal values*

### Third Decameron

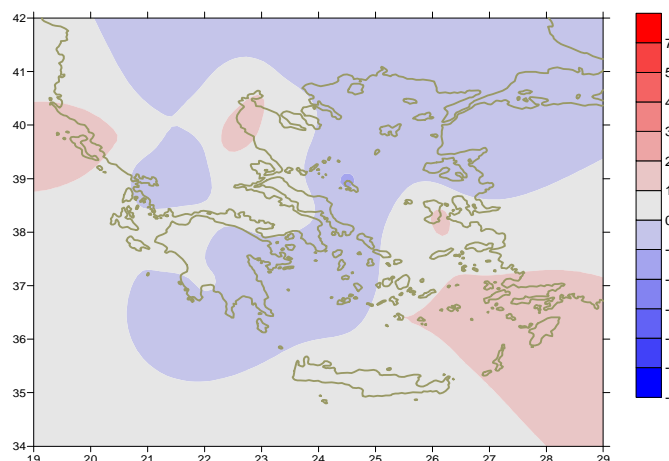
**Minimum:** the values increased again at the end.

More specific:

1.6°C at 21/4 and 5.4°C at 27/4 in Kastoria, 10.4°C at 22/4 and 1°C at 27/4 in Hellinikon.

**Maximum:** relatively high values which declined at the end. For example:

in Kastoria from 20°C at 21/4 reached 10°C at 27/4, while in Hellinikon from 22°C at 22/4 reached 15.6°C at 27/4.



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

The precipitation was high during first two days period (1-2/4) over central and southern mainland and over Aegean area.

More specific:

*32mm in Lamia at 1/4,*

*37mm in Samos and 25mm in Syros at 2/4.*

### Second Decameron

Remarkable precipitation amounts recorded mainly over mainland in the middle of the period over Peloponnese, Ionian area and Creta.

More specific:

*42mm in Leonidio, 29mm in Araxos, 40mm in Zakynthos at 17/4 and 24mm in Sitia at 19/4.*

### Third Decameron

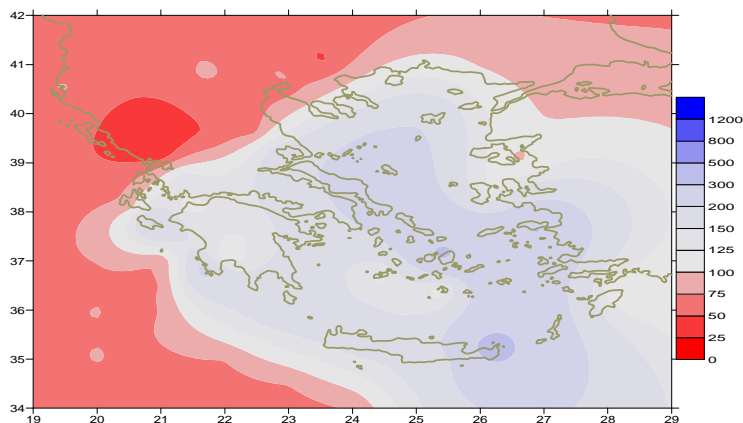
Very high precipitation amounts recorded over most parts (mainly in Attica) at 27/4.

More specific:

*32mm in Hellinikon and 33mm in Spata at 27/4.*

*45mm in Zakynthos at 28/4*

*and 34mm in Sitia at 29/4.*



*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	14,4	20,3	7,4	17	199
FLORINA	21,40	40,78	11,3	15,3	4,2	21	
KASTORIA	21,27	40,45	11,7	16,7	4,5	20	183
TRIKALA_IMATHIAS	22,55	40,60	14,4	20,2	8,2	26	150
THESSALONIKI	22,97	40,52	13,8	17,4	8,4	23	202
CHRYSOUPOLI	24,62	40,92	12,8	16,3	8,1	20	199
ALEXANDROUPOLI	25,95	40,85	12,2	15,7	6,5	41	183
KOZANI	21,83	40,28	11,8	15,9	5,8	29	
KERKYRA	19,92	39,62	16,4	20,6	10,8	32	229
IOANNINA	20,82	39,70	13,5	18,1	6,9	20	181
PREVEZA	20,76	38,91	15,8	19,4	11,2	28	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	13,6	18,7	7,7	19	208
LIMNOS	25,23	39,92	12,2	15,1	8,7	62	208
ARTA	21,00	39,17	15,4	21	9,4	27	144
AGHIALOS	22,78	39,21	13,3	17,2	8	59	195
MYTILINI	26,60	39,05	14,4	17,4	10,6	45	210
VELO	22,77	37,97	14,9	18,4	10,6	84	215
AGRINIO	21,35	38,60	15,1	20,5	8	88	225
LAMIA	22,43	38,87	14	18,9	8,7	84	183
ANDRAVIDA	21,28	37,92	15,2	19,2	9,8	49	232
SKYROS	24,48	38,96	13,2	15,2	10,4	57	176
ARGOSTOLI	20,50	38,12	16	19,1	11,9	51	247
ARAXOS	21,42	38,15	15,7	19,2	10,3	46	230
TANAGRA	23,57	38,33	13	16,8	8	56	211
HIOS	26,13	38,35	14,5	16,7	11,2	50	206
PYRGOS	21,42	37,67	15,9	19,9	9,9	54	145
TRIPOLI	22,40	37,52	11,3	16,2	4,7	77	205
TATOI	23,78	38,10	13	16,2	8,9	37	
HELLINIKO	23,73	37,90	15,5	18,8	11,3	48	225
ELEYSINA	23,55	38,07	15	18,7	10,7	24	
ZAKYNTHOS	20,88	37,75	16	19,2	11,1	113	231
SAMOS	26,92	37,68	15,2	18,4	11,4	98	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	15	19,5	9,2	50	227
NAXOS	25,37	37,10	15,1	17,3	12,9	59	236
METHONI	21,70	36,82	15,8	19	11,1	73	249
MHLOS	24,43	36,73					
SPATA	23,95	37,95	13,9	16,2	8,6	59	
KOS	27,08	36,80	15,3	18	12,9	34	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	15,6	17,6	13,5	21	237
SOUDA	24,12	35,55	15	18,2	11,7	58	237
RODOS	28,08	36,40	17	19,3	14,1	25	244
MYKONOS	25,35	37,43	13,6	15,6	12,2	73	
HERAKLEIO	25,18	35,33	15,7	18,5	12,4	56	232
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	15,4	17,4	13,2	95	225
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	16,5	20,4	10,9	7	282
KASTELI	25,33	35,18	13,4	17,1	9,7	80	218
KARPATIOS	27,15	35,42	16,4	18,6	14,8	42	
PAROS	25,13	37,02	14,8	17,4	12,5	51	233
SYROS	24,95	37,42	14,4	16,6	12,1	81	242
IKARIA	26,35	37,68	14,2	16,2	13,3	112	

# Climatic Bulletin

## General Description

Precipitation amounts were lower than normal values over Northern Ionian, Ipirus, slightly lower over most parts of Macedonia, Thrace and Eastern Aegean.

In contrast, they were very higher than normals over Northern Creta and Peloponnese.

The mean temperature varied lower than normal values almost everywhere and mainly over most parts of Aegean.

### 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