




# Climatic Bulletin

April 2010

 Max  
temperature

 Min  
temperature

 Mean  
temperature

 Precipitation

 Sunshine  
duration



April gave mean temperature values which exceeded normals at every part of Greece. Remarkable thunderstorms recorded, frequently accompanied by hail (e.g 19/4). Also, gale force winds affected Greek area with a high rate of frequency. In a special north winds strong gale force caused a lot of problems at 26-27/4.

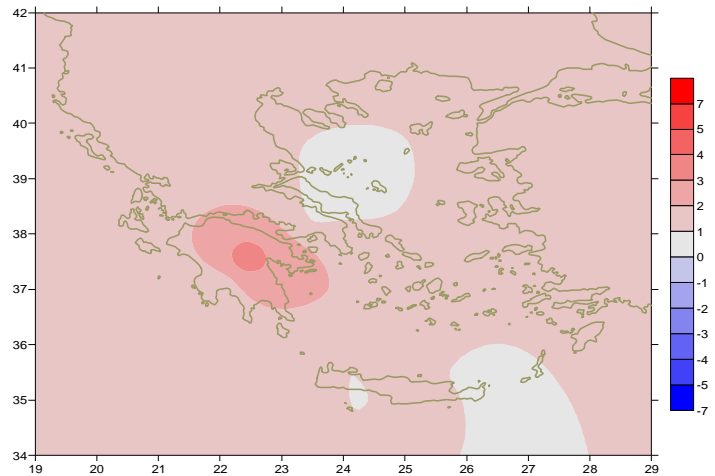


## Temperature

### First Decameron

**Minimum:** The values were low mainly over Northwestern for the first five days and after 9/4. Some of the lowest:  $2^{\circ}\text{C}$  in *Kastoria* and  $2.8^{\circ}\text{C}$  in *Ioannina* at 4/4.

**Maximum:** High values recorded declining at the end. More specific:  $24.4^{\circ}\text{C}$  in *Serres*,  $23.2^{\circ}\text{C}$  in *Trikala* at 1/4.

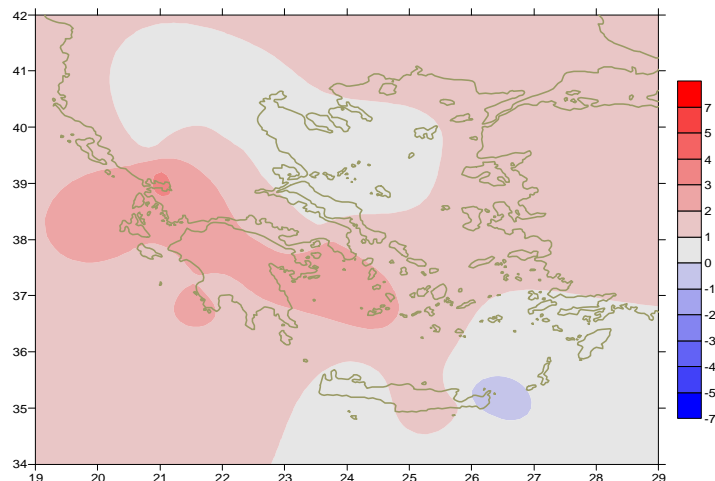


*Deviation of mean temperature from normal values*

### Second Decameron

**Minimum:** The values increased gradually from 16/4. E.g:  $11^{\circ}\text{C}$  in *Kastoria* and  $9^{\circ}\text{C}$  in *Kozani* at 17/4.

**Maximum:** High values at 16/4 and 17/4 locally in mainland and mainly in Creta. More specific:  $28^{\circ}\text{C}$  in *Arta* and  $31.2^{\circ}\text{C}$  in *Iraklion* at 16/4,  $29^{\circ}\text{C}$  in *Timbaki* at 17/4.

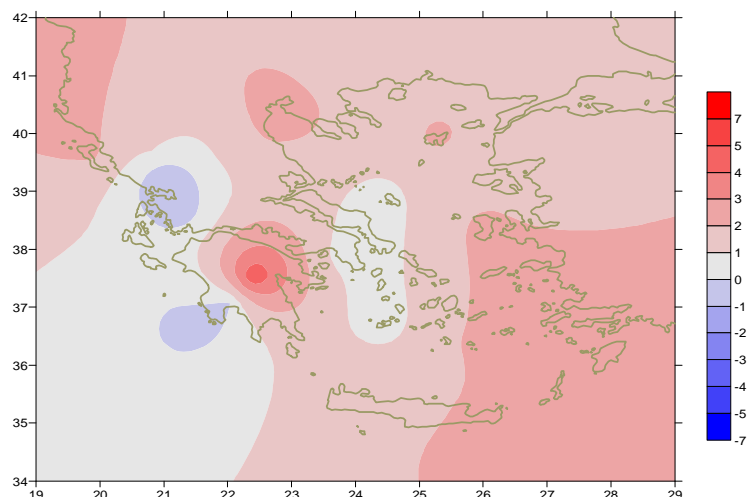


*Deviation of maximum temperature from normal values*

### Third Decameron

**Minimum:** The values were relatively high only in the middle of the period. More specific:  $4.6^{\circ}\text{C}$  in *Konitsa* at 22/4 and  $5^{\circ}\text{C}$  in *Alexandroupoli* at 30/4.

**Maximum:** High values over mainland for the first days. For example:  $24^{\circ}\text{C}$  in *Serres* at 21/4 and  $27.2^{\circ}\text{C}$  in *Adravida* at 24/4.



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Relatively low precipitation recorded.

*13mm in Serres at 2/4,*

*9mm in Ikaria at 7/4,*

*7mm in Agrinio at 8/4.*

### Second Decameron

Remarkable rainfalls and thunderstorms recorded at the end of the period mainly over mainland.

More specific:

*25mm in Konitsa (19/4),*

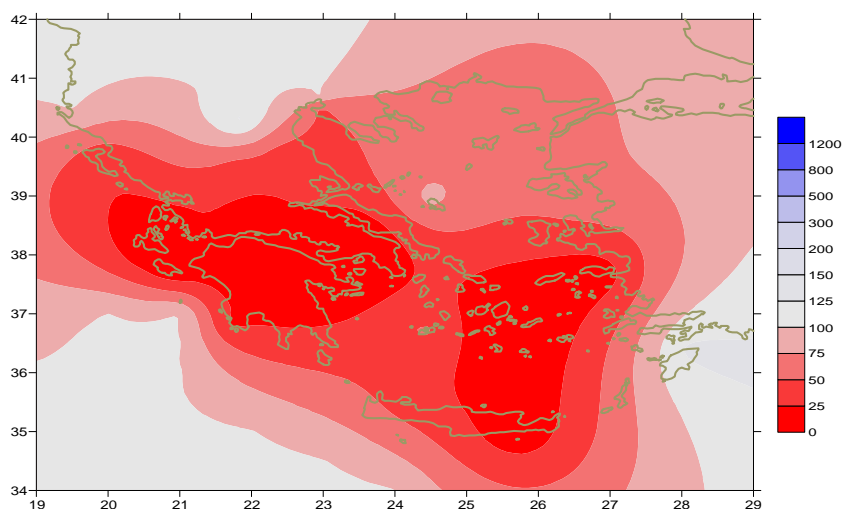
*25mm in Preveza (19/4),*

*24mm in Mytilini (20/4).*

### Third Decameron

Significant rainfalls recorded over Central and Northern Aegean.

More specific: *15mm in Skyros,*  
*14mm in Chios at 21/4.*



*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	15,9	21,5	8,9	32	182
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	12,8	17,7	6,1	30	210
TRIKALA_IMATHIAS	22,55	40,60	16	19	10,1	25	188
THESSALONIKI	22,97	40,52	15,5	19,2	10,1	17	217
CHRYSOUPOLI	24,62	40,92	15	18,6	9,7	24	216
ALEXANDROUPOLI	25,95	40,85	14,8	19,1	8,9	25	236
KOZANI	21,83	40,28	13,3	17,6	6,8	52	
KERKYRA	19,92	39,62	17	20,9	11,4	18	247
IOANNINA	20,82	39,70	13,8	18,8	7	42	196
PREVEZA	20,76	38,91	17	20,5	11,9	26	
TRIKALA_THESSALIAS	21,77	39,52	16,5	21,7	9,7	28	
LARISA	22,45	39,65	15,1	20,9	8,1	9	235
LIMNOS	25,23	39,92	14,9	18	10,9	18	276
ARTA	21,00	39,17	16,8	23,3	9	32	264
AGHIALOS	22,78	39,21	15,5	19,8	9	14	250
MYTILINI	26,60	39,05	17,4	21,3	12,7	33	278
VELO	22,77	37,97	17,1	22,1	9,7	2	280
AGRINIO	21,35	38,60	16,9	23,5	7,9	13	268
LAMIA	22,43	38,87	16,1	22,1	9,5	6	221
ANDRAVIDA	21,28	37,92	16,9	21,7	9,6	2	282
SKYROS	24,48	38,96	15,8	18,4	12,3	18	261
ARGOSTOLI	20,50	38,12	16,9	20,7	12,4	2	279
ARAXOS	21,42	38,15	17,3	21,7	10,4	2	288
TANAGRA	23,57	38,33	15,3	20,4	8,3	0	285
HIOS	26,13	38,35	17	20	12,4	16	271
PYRGOS	21,42	37,67	17	21,8	8,9	2	202
TRIPOLI	22,40	37,52	15,6	19,6	10	0	
TATOI	23,78	38,10	15,6	19,6	10	0	
HELLINIKO	23,73	37,90	17,7	21,6	12,4	0	276
ELEYSINA	23,55	38,07	17,6	21,7	11,9	0	
ZAKYNTHOS	20,88	37,75	17	20,6	11,3	0	280
SAMOS	26,92	37,68	17,6	21,1	13	4	294
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	16,6	21,8	8,9	10	294
NAXOS	25,37	37,10	17,2	19,9	14,2	1	290
METHONI	21,70	36,82	17,1	20,6	11,2	7	282
MHLOS	24,43	36,73	17,1	20,9	12,9	11	
SPATA	23,95	37,95	15,1	20,8	10,1	2	
KOS	27,08	36,80	17,1	20,3	13,8	7	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	17,3	19,7	14,4	0	294
SOUDA	24,12	35,55	16,8	20,5	13	12	282
RODOS	28,08	36,40	18,2	21	14,9	31	286
MYKONOS	25,35	37,43	16,3	19,3	13,8	0	
HERAKLEIO	25,18	35,33	17,6	21,5	13,6	6	264
IERAPETRA	25,73	35,02	18,5	21,8	14,3	0	146
SITEIA	26,10	35,21	17,2	19,9	14,7	5	248
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	17,5	22	10,9	6	220
KASTELI	25,33	35,18	15,3	20,2	9,8	7	254
KARPATOS	27,15	35,42	17,3	20,2	15	9	
PAROS	25,13	37,02					
SYROS	24,95	37,42	16,8	19,8	13,4	7	299
IKARIA	26,35	37,68	17,2	19,4	15,3	19	

# Climatic Bulletin

## General Description

Precipitation amounts were slightly higher than normal values locally in Northwestern mainland. On the contrary, over all the rest parts of Greece they were lower, particularly in Central and South mainland but also over South Aegean Sea. The mean temperature varied higher than normal values everywhere, mainly in 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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