




# Climatic Bulletin

March 2010

 Max  
temperature

 Min  
temperature

 Mean  
temperature

 Precipitation

 Sunshine  
duration



March was cold enough during first ten days period. Remarkable snowfalls recorded at central and northern Greece, mainly at northwestern parts. On contrary, high temperatures recorded in southeastern Aegean at the same period. A significant dust episode, with its peak at 8/3, affected mainly the southern parts of Greece. Also, south winds strong gale force caused a lot of problems at the middle and the end of the month.



ΕΘΝΙΚΗ  
ΜΕΤΕΩΡΟΛΟΓΙΚΗ  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



## Temperature

### First Decameron

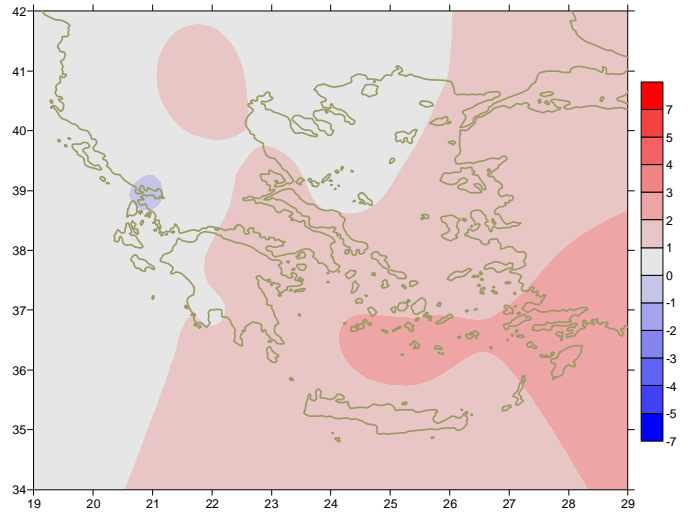
**Minimum:** The values were low mainly over Northwestern from 7-9/3.

Some of the lowest:

$-3.2^{\circ}\text{C}$  in Kastoria and  $-3^{\circ}\text{C}$  in Ioannina.

**Maximum:** High values recorded over southeastern parts. More specific:

$20^{\circ}\text{C}$  in Rodos while  $9^{\circ}\text{C}$  in Arta at 7/3.



*Deviation of mean temperature from normal values*

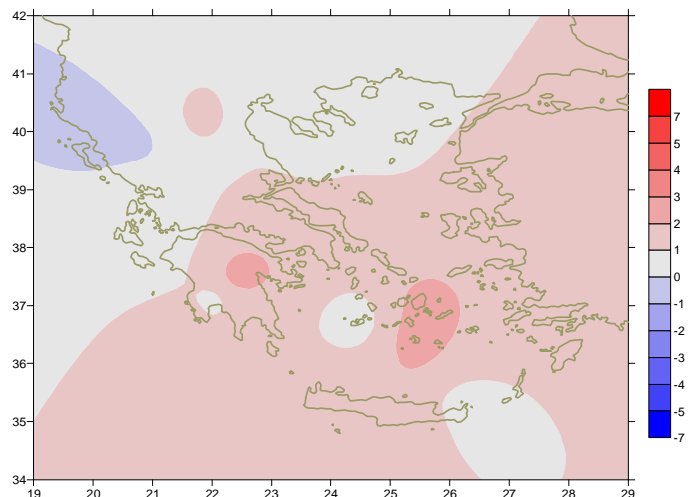
### Second Decameron

**Minimum:** The values increased gradually between 17-18/3.

Some of the lowest that were noticed are  $-3.4^{\circ}\text{C}$  in Kastoria and  $-5^{\circ}\text{C}$  in Florina at 19/3.

**Maximum:** From the highest values:

$18.4^{\circ}\text{C}$  in Iraklion at 12/3.



*Deviation of maximum temperature from normal values*

### Third Decameron

**Minimum:** The values were relatively low in Northwestern parts.

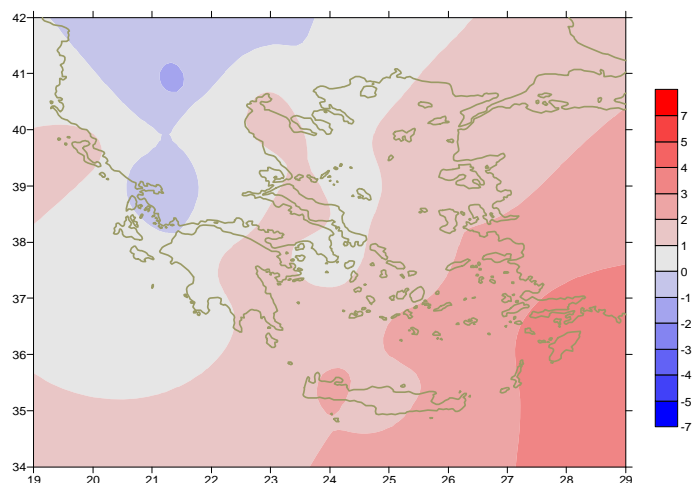
More specific:

$-1.8^{\circ}\text{C}$  in Alexandroupoli and  $-2.2^{\circ}\text{C}$  in Tripoli at 20/3.

**Maximum:** Low values which rised at the end.

For example:

$2^{\circ}\text{C}$  in Kastoria at 20/3 and  $23.8^{\circ}\text{C}$  in the same town at 30/3.



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Significant rainfalls and local thunderstorms recorded in the middle of the period over mainland.

More specific: 32mm in Arta at 5/3,  
34mm in Tripoli at 6/3 and  
120mm in Trikala (Imathias) at 7/3.

### Second Decameron

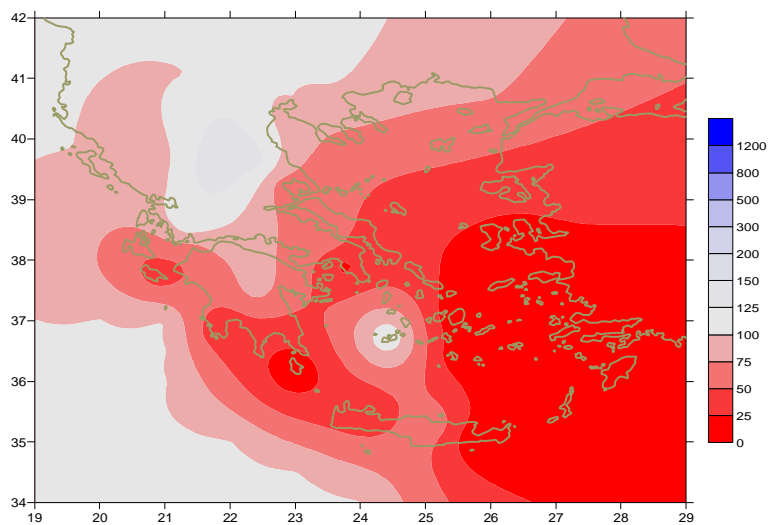
Remarkably high precipitation recorded.

More specific: 40mm in Mytilini (12/3),  
75mm in Pireaus (17/3),  
23mm in Kos (20/3).

### Third Decameron

Locally strong rainfalls and thunderstorms recorded over western parts.

More specific: 41mm in Konitsa,  
39mm in Methoni at 21/3.



*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	10,4	15,7	4,2	45	179
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	7,8	12,8	1,6	59	192
TRIKALA_IMATHIAS	22,55	40,60	10,6	16,2	4,9	48	195
THESSALONIKI	22,97	40,52	10,4	14,2	5,7	31	194
CHRYSOUPOLI	24,62	40,92	10	13,6	5,9	36	168
ALEXANDROUPOLI	25,95	40,85	9,5	13	4,9	49	191
KOZANI	21,83	40,28	8,5	13	2,5	22	
KERKYRA	19,92	39,62	12,4	16	8,2	98	202
IOANNINA	20,82	39,70	9,3	14,4	3,6	81	132
PREVEZA	20,76	38,91	13	16	9,2	57	
TRIKALA_THESSALIAS	21,77	39,52	11,3	16,2	5,6	97	
LARISA	22,45	39,65	10,4	15,5	4,2	48	160
LIMNOS	25,23	39,92	10,8	13,4	7,4	31	191
ARTA	21,00	39,17	11,8	17,7	6,1	96	186
AGHIALOS	22,78	39,21	11,3	15,7	5,6	33	186
MYTILINI	26,60	39,05	13,4	16,7	9,7	22	220
VELO	22,77	37,97	13,1	17,3	8,3	40	207
AGRINIO	21,35	38,60	11,8	17,4	5,4	94	185
LAMIA	22,43	38,87	11,6	16,9	6	79	179
ANDRAVIDA	21,28	37,92	12,8	16,8	8	26	189
SKYROS	24,48	38,96	12,5	15,3	9,7	21	186
ARGOSTOLI	20,50	38,12	13,3	16,9	10,1	47	215
ARAXOS	21,42	38,15	12,8	16,7	7,6	35	206
TANAGRA	23,57	38,33	11,4	16,1	5,9	32	189
HIOS	26,13	38,35	13,6	16,6	9,3	13	210
PYRGOS	21,42	37,67	13,1	17,4	7,3	27	157
TRIPOLI	22,40	37,52	9,9	15,5	4	63	202
TATOI	23,78	38,10	12	16	7	11	
HELLINIKO	23,73	37,90	13,9	17,7	9,3	8	192
ELEYSINA	23,55	38,07	13,5	17,3	8,3	16	
ZAKYNTHOS	20,88	37,75	13,1	16,8	9,6	32	179
SAMOS	26,92	37,68	14	17,3	10,2	16	245
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	13	17,9	7,6	30	209
NAXOS	25,37	37,10	15	17,9	11,7	5	224
METHONI	21,70	36,82	14,1	17,5	9,4	25	21
MHLOS	24,43	36,73	14,2	15	10,8	59	
SPATA	23,95	37,95	13,4	17,1	7,5	12	
KOS	27,08	36,80	14,4	17	11,6	5	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	15,3	17,6	13	7	223
SOUDA	24,12	35,55	14,4	18,4	10,8	21	228
RODOS	28,08	36,40	16,1	18,4	13,5	0	260
MYKONOS	25,35	37,43	13,7	16,3	11,4	5	
HERAKLEIO	25,18	35,33	15,3	18,7	11	37	213
IERAPETRA	25,73	35,02	16,1	19,3	12,5	2	230
SITEIA	26,10	35,21	15,1	17,4	12,6	9	220
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	15	19,3	9,9	0	190
KASTELI	25,33	35,18	12,9	17,7	8,1	21	194
KARPATOS	27,15	35,42	15,6	18,3	13,6	0	
PAROS	25,13	37,02					
SYROS	24,95	37,42	14,4	16,9	11	3	212
IKARIA	26,35	37,68	14,8	16,7	12,8	10	

# Climatic Bulletin

## General Description

Precipitation amounts were higher than normal values locally in Macedonia.  
On the contrary, over all the rest parts of Greece they were lower, particularly in Central and South Aegean Sea.  
The mean temperature varied higher than normal values over Eastern and Southern Greece, particularly in southeastern islands.

### 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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