



# Climatic Bulletin

September 2010

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**



September had "cold" periods and really hot ones mainly at the end.

In particular over northern parts of Kreta, the temperature increased rapidly due to south winds which passed over the mountain range.

Meanwhile, strong rainfalls and thunderstorms caused floods in most parts of mainland.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

## First Decameron

**Minimum:** The values were relatively low over NW mainland.

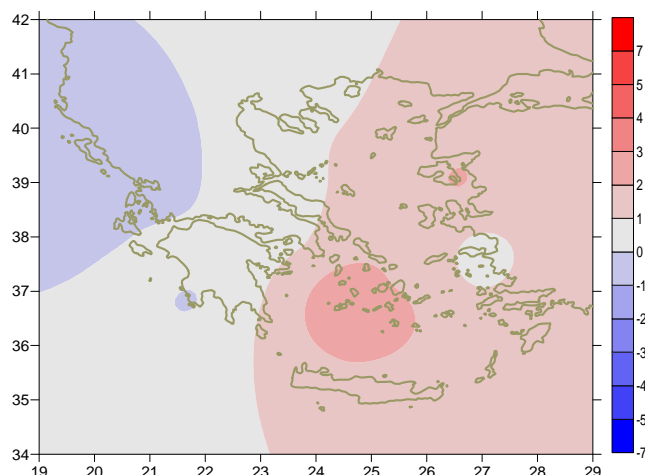
Some of the lowest:

*7°C in Kastoria and 8.6°C in Ioannina at 3/9.*

**Maximum:** High values recorded last period.

More specific:

*33.5°C in Agrinio at 8/9, 33.4°C in Trikala (Thessaly) and 33.6°C in N.Filadelfia at 9/9.*



*Deviation of mean temperature from normal values*

## Second Decameron

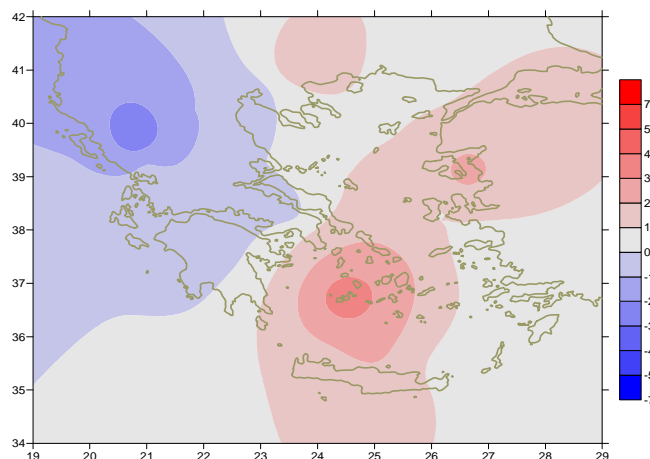
**Minimum:** The values were high over Aegean.

Varried from *10°C to 14°C over NW mainland and from 16°C to 24°C over rest parts.*

**Maximum:** High values mainly 18-20/9 everywhere.

More specific:

*35°C in Serres, 34.4°C in Larisa at 18/9, 34°C in N. Filadelfia, 33°C in Souda at 20/9.*



*Deviation of maximum temperature from normal values*

## Third Decameron

**Minimum:** The values decreased temporarily over Northwestern parts.

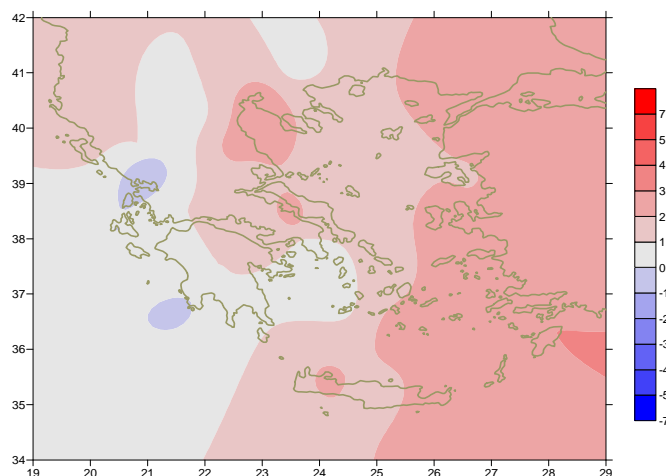
More specific:

*8.6°C in Kastoria at 24/9 and 10.6°C in Tripoli at 24/9.*

**Maximum:** high enough values over Southeastern parts at the end.

For example:

*37.2°C in Iraklion and 32°C in Timbaki (Kreta) at 29/9.*



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

High precipitation recorded in the middle of the Period.

More specific:

*44mm in Kerkira at 4/9,*

*22mm in Tripoli and*

*31mm in Argos at 6/9.*

### Second Decameron

Relatively high precipitation recorded in

the beginig of the period. More specific:

*117mm Trikala (Thessaly),*

*43mm in Agrinio,*

*32mm in Ioannina ,*

*19mm in Skyros at 11/9.*

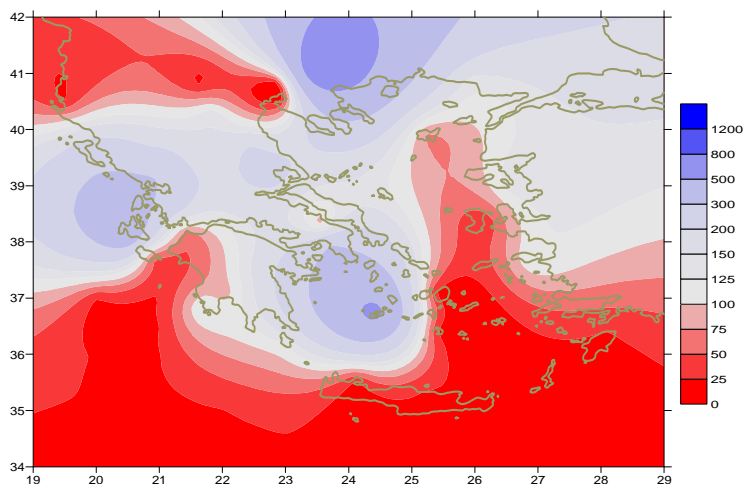
### Third Decameron

Very high precipitation recorded in

the middle of the Period. More specific:

*85mm in Argostoli,*

*40mm in Arta , 35mm in Hellinikon at 25/9.*



*Deviation of monthly perezipitatin  
height from normal values (%)*

TABLE OF MEAN VALUES

STATION	Longitude	Latitude	Tmean	TX	TN	RR	INST
SERRES	23,53	41,07	22,1	29,6	14,8	159	225
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	18,5	24,2	11,6	38	203
TRIKALA_IMATHIAS	22,55	40,60	21,1	27,9	15,4	82	225
THESSALONIKI	22,97	40,52	22,8	26,7	17,8	9	237
CHRYSOUPOLI	24,62	40,92	22,2	26,7	16,7	5	257
ALEXANDROUPOLI	25,95	40,85	22,3	26,9	16,6	42	260
KOZANI	21,83	40,28	19,5	24,3	12,9	47	
KERKYRA	19,92	39,62	22,7	26,6	17,9	191	239
IOANNINA	20,82	39,70	19,4	24,3	13,3	110	179
PREVEZA	20,76	38,91	23	26,9	18,2	76	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	22,5	28,2	16,5	62	198
LIMNOS	25,23	39,92	22,6	26,1	18,1	14	266
ARTA	21,00	39,17	22,1	28,2	16	144	226
AGHIALOS	22,78	39,21	23	27,2	17,4	72	221
MYTILINI	26,60	39,05	25,1	29,1	20,4	16	298
VELO	22,77	37,97	23,7	28,7	18	62	234
AGRINIO	21,35	38,60	22,8	29,2	15,9	96	244
LAMIA	22,43	38,87	23,1	28,8	16,9	49	198
ANDRAVIDA	21,28	37,92	23,5	27,7	18,1	31	249
SKYROS	24,48	38,96	23,2	25,6	20	24	221
ARGOSTOLI	20,50	38,12	23,2	26,5	19	130	275
ARAXOS	21,42	38,15	23,7	27,9	17,6	13	255
TANAGRA	23,57	38,33	23,1	27,8	17,2	15	225
HIOS	26,13	38,35	24,4	27,2	19,9	1	294
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	20,4	26,2	12,6	36	233
TATOI	23,78	38,10	22,8	26,9	17,6	16	
HELLINIKO	23,73	37,90	25,2	29,1	20,4	31	239
ELEYSINA	23,55	38,07	25,2	29	20,5	14	
ZAKYNTHOS	20,88	37,75	24,3	27,6	19,3	15	253
SAMOS	26,92	37,68	24,8	29,1	21,2	29	311
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	23,4	28,6	17,2	24	260
NAXOS	25,37	37,10	24,6	27,1	21,5	0	298
METHONI	21,70	36,82	23,5	26,6	18,8	42	270
MHLOS	24,43	36,73	25,3	28,9	20,3	33	
SPATA	23,95	37,95					
KOS	27,08	36,80	24,4	27,8	21,6	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	25,1	27,9	22,2	0	294
SOUDA	24,12	35,55	24,7	28,8	20,4	0	280
RODOS	28,08	36,40	26,3	28,7	23,5	0	296
MYKONOS	25,35	37,43	23,8	26,3	21,6	2	
HERAKLEIO	25,18	35,33	25,1	28,3	20,9	0	268
IERAPETRA	25,73	35,02	26,4	30,7	22,6	0	192
SITEIA	26,10	35,21	24,6	27	22,4	2	268
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	25,5	29,8	19,2	1	275
KASTELI	25,33	35,18	23	28	18,3	3	276
KARPATOS	27,15	35,42					
PAROS	25,13	37,02	24,5	27,9	21,3	5	290
SYROS	24,95	37,42	24,5	27,3	21,2	0	301
IKARIA	26,35	37,68	23,4	24,9	22	5	

# Climatic Bulletin

## General Description

Precipitation amounts were quite higher than normal values over the most parts, mainly over Ionian, Peloponnese, Central-Eastern Macedonia and Thessaly as well.

The mean temperature varied higher than normal values over Eastern parts. The greatest deviation recorded over South 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