



# Climatic Bulletin

September 2011

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**



In September the temperature had significant variation between hot and cold periods. Meanwhile, the main characteristic was the long appearance of gale force northern winds (10-18/9 and 26-30/9), over eastern parts. Also, heavy rainfalls and thunderstorms with hail recorded from 20/9 to 22/9, firstly over western parts and gradually over rest Greek area.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

## First Decameron

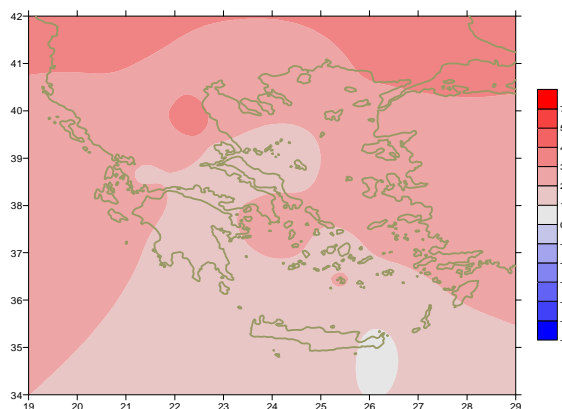
**Minimum:** the the highest values:

*26.6°C in Samos , 26.2°C in Rodos and 25.4°C in Karpathos at 3/9.*

**Maximum:** High values at the end of the period.

More specific:

*38.2°C in Serres , 36.8°C in Larisa, 36.6°C in Timbaki, 34.4°C in Florina at 9/8.*



*Deviation of mean temperature from normal values*

## Second Decameron

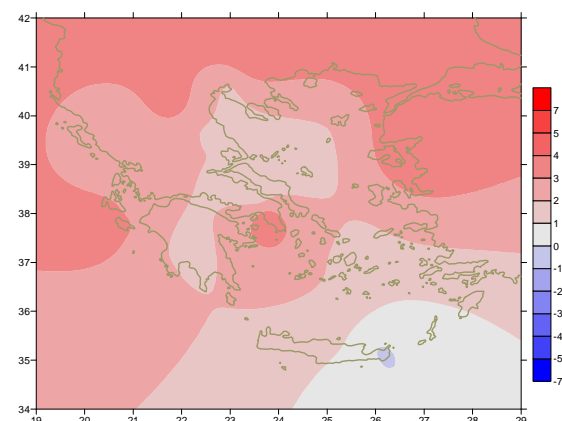
**Minimum:** Relatively high values.

E.g (the highest): *23.4°C in Chios at 16/9 , 24°C in Leros, 24.3°C in Karistos at 18/9.*

**Maximum:** high values in the middle.

More specific:

*37.1°C in Serres (14/9), 36.6°C in Agrinio (16/9), 35.8°C in Hellinikon (17/9).*



*Deviation of maximum temperature from normal values*

## Third Decameron

**Minimum:** The values decreased over mainland mainly at the end.

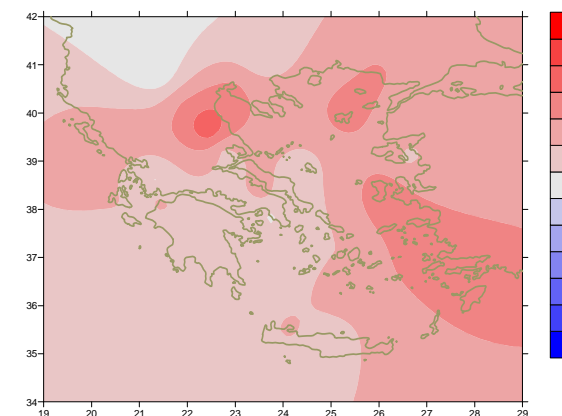
More specific:

*3.8°C in Florina (the lowest of month), 5°C in Kastoria and 9.4°C in Larisa at 29/9.*

**Maximum:** low values in contrast with the high ones of 2<sup>nd</sup> decameron..

For example:

*18.8°C in Serres (21/9), 25.4°C in Agrinio (21/9), 27.6°C in Hellinikon (22/9).*



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Remarkable precipitation amounts over mainland.

More specific:

*19mm in Tripoli at 3/9,*

*26mm in Serres at 7/9*

*9mm in Ioannina, 15mm in Larisa at 7/9.*

### Second Decameron

Very high precipitation amounts mainly over mainland.

More specific:

*59mm in Konitsa, 71mm in Preveza ,*

*50mm in Agrinio and 70m in Leonidio at 20/9.*

### Third Decameron

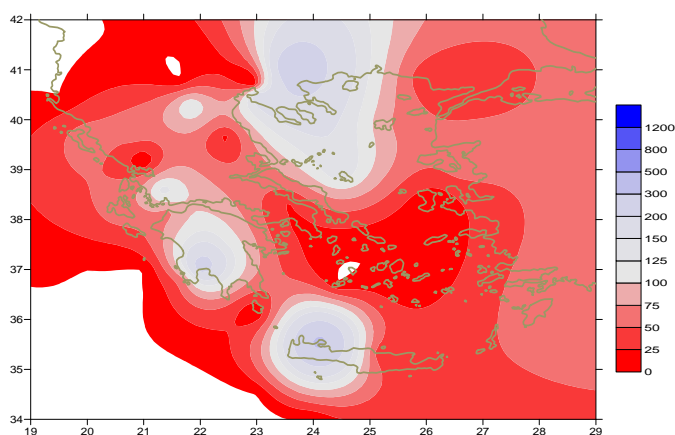
Remarkable precipitation amounts over mainland.

More specific:

*33mm in Thessaloniki at 21/9,*

*29mm in Skiathos,*

*26mm in Kos and 33mm in Icaria at 22/9.*



*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	24,4	31,8	15,6	55	210
FLORINA	21,40	40,78	20,6	28,5	11	38	253
KASTORIA	21,27	40,45	21,5	28,3	12	20	258
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	24,4	29,1	18,2	44	265
CHRYSOUPOLI	24,62	40,92	23,2	28,3	17,1	25	272
ALEXANDROUPOLI	25,95	40,85	24,1	29,9	17,1	10	292
KOZANI	21,83	40,28	22,4	28,9	15,3	43	
KERKYRA	19,92	39,62	25,5	30,6	19	50	280
IOANNINA	20,82	39,70	23,2	29,4	14,9	36	235
PREVEZA	20,76	38,91	25,7	30,5	20,7	72	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	25,5	30,6	19	5	280
LIMNOS	25,23	39,92	23,7	27,4	19,8	16	291
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	24	29,2	17,5	17	278
MYTILINI	26,60	39,05	25,7	30,7	20,3	7	312
VELO	22,77	37,97	26	30,7	18,9	13	255
AGRINIO	21,35	38,60	24,8	32,4	15,9	63	275
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	25,1	30,6	17,6	22	288
SKYROS	24,48	38,96	23,7	25,9	20,5	27	287
ARGOSTOLI	20,50	38,12	26,4	29,8	21,1	19	306
ARAXOS	21,42	38,15	26,1	30,8	19,1	15	283
TANAGRA	23,57	38,33	24	29,5	17,2	4	276
HIOS	26,13	38,35	25,5	28,6	21,1	0	298
PYRGOS	21,42	37,67	25,6	32,1	17,2	17	285
TRIPOLI	22,40	37,52	21,4	28,3	13,1	32	278
TATOI	23,78	38,10	24,6	28,8	19,7	4	
HELLINIKO	23,73	37,90	27	32	20,6	2	274
ELEYSINA	23,55	38,07	26,9	31,2	21,9	4	
ZAKYNTHOS	20,88	37,75	26,5	30,7	20,2	12	298
SAMOS	26,92	37,68	24,4	31,8	15,6	55	210
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	24,5	30,2	17,5	69	309
NAXOS	25,37	37,10	24,3	26,3	21,9	0	316
METHONI	21,70	36,82	25,3	29,3	20,1	21	310
MHLOS	24,43	36,73					
SPATA	23,95	37,95	24	28,2	18,6	4	
KOS	27,08	36,80	25,3	29,1	22	26	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	24,7	27,4	22,2	4	314
SOUDA	24,12	35,55	24,5	28,9	20,3	64	292
RODOS	28,08	36,40	26,9	29,6	23,7	5	315
MYKONOS	25,35	37,43	23,7	26	21,6	0	
HERAKLEIO	25,18	35,33	25	27,6	20,8	6	279
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	24,4	26,6	22,4	21	294
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	26,2	30,8	18,6	1	322
KASTELI	25,33	35,18	22,8	26,9	19,1	11	285
KARPATOS	27,15	35,42	24,8	28,1	23,5	6	
PAROS	25,13	37,02	24,7	28,2	21,8	0	304
SYROS	24,95	37,42	24,8	27,2	22,1	0	312
IKARIA	26,35	37,68	23,8	25,5	22,7	33	

# Climatic Bulletin

## General Description

Precipitation amounts were lower than normal values over most parts, with exception of Central Macedonia and Peloponnese. In contrast, the mean temperature varied higher than normal values almost everywhere (Greek islands and 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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