




# Climatic Bulletin

January 2013

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**



In January significant snowfalls recorded over most mountains.  
Meanwhile strong rainfalls and thunderstorms , in many cases, had as a result severe local floods.  
In parallel, hail and gale force winds caused damages.



ΕΘΝΙΚΗ  
**ΜΕΤΕΩΡΟΛΟΓΙΚΗ**  
ΥΠΗΡΕΣΙΑ  
HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

### First Decameron

**Minimum:** declining values from 4/1 till the end.

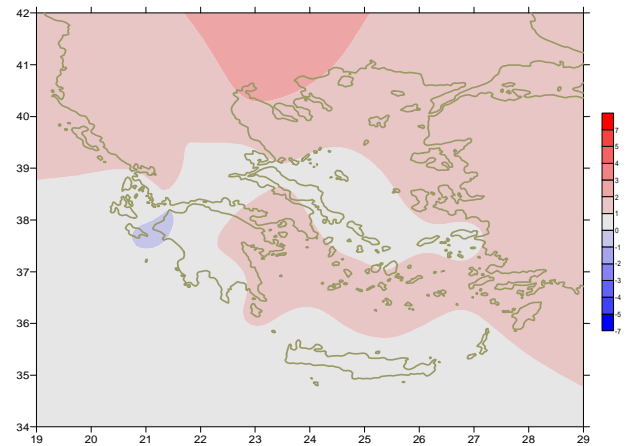
More specific (the lowest) :

-10.7°C in Florina, -10°C in Kastoria and -7.6°C in Larisa at 9/1.

**Maximum:** values which declined from 8/1 .

More specific (the lowest):

-1.2°C in Kozani, +2.1 in Tatoi, 2.4°C in Alexandroupoli at 8/1.



*Deviation of mean temperature from normal values*

### Second Decameron

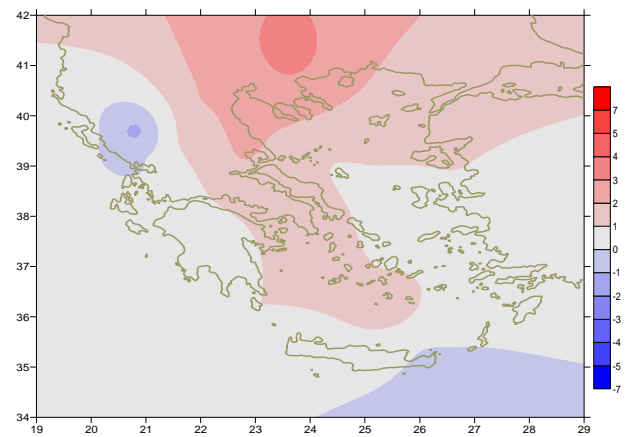
**Minimum:** low values over mainland, in the middle of month.

More specific :

-3.1°C in Thessaloniki, -3.4°C in Serres and -2.3°C in Tripoli at 13/1.

**Maximum:** More specific (from the highest):

19.4 in Araxos, 19.2°C in Santorini, 21.4°C in Leonidio, 20.6°C in Souda at 20/1.



*Deviation of maximum temperature from normal values*

### Third Decameron

**Minimum:** low values at the end.

More specific (from the lowest) :

-1.5°C in Ioannina at 29/1,

-2.6°C in Larisa,

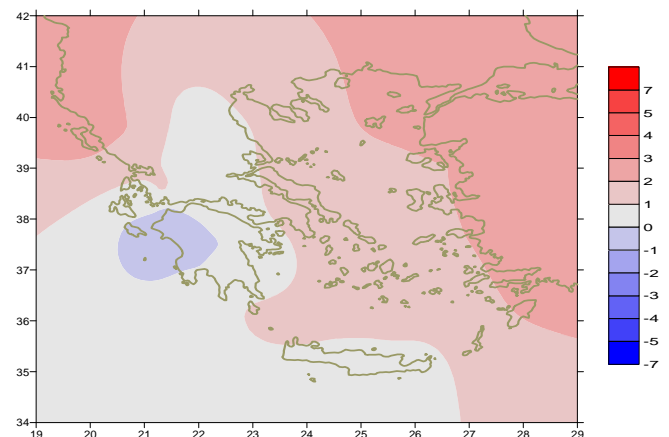
-3.6°C in Tripoli at 30/1.

**Maximum:** low values at the end (28-29/1) over East-southern parts as well.

More specific :

8.8°C in Desfina at 28/1,

8.7°C in Tatoi, 7.8°C in Limnos at 29/1.



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

Significant rainfalls and thunderstorms locally over Central-southern Aegean and Creta.

More specific:

*48mm in Kos, 77mm in Souda (1/1),  
15mm in Skyros (6/1), 16mm in Skyros (7/1), 27mm in Kastelli (8/1).*

### Second Decameron

Strong rainfalls and thunderstormsover most parts.

More specific:

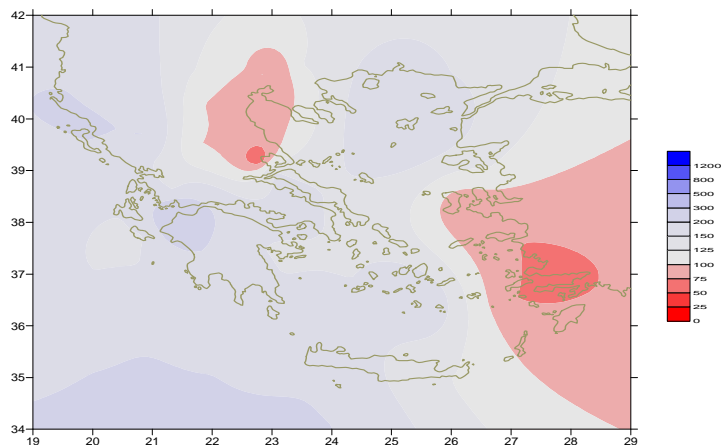
*38mm in Preveza, 27mm in Chios at 21/1,  
37 in Tatoi, 26mm in Elefsina, 47mm in Konitsa at 16/1,  
45 in Araxos, 42mm in Tripoli, 28mm in Ikaria at 17/1,  
46 in Konitsa, 54mm in Ioannina, 54mm in Agrinio at 18/1,*

### Third Decameron

Locally strong rainfalls and thunderstorms between 23/1 and 26/1.

More specific:

*30mm in Leonidio at 24/1,  
40mm in Kerkyra, 43mm in Araxos, 63mm in Zakynthos,  
30mm in Kythira at 25/1,  
30mm in Limnos, 30mm in Mytilini,  
and 25mm in Syros at 26/1.*



*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	6,2	11,2	1,5	36	90
FLORINA	21,40	40,78	1,9	6,2	-2,2	60	44
KASTORIA	21,27	40,45	3,5	8,2	-0,7	78	119
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	7,3	11,1	2,6	23	130
CHRYSOUPOLI	24,62	40,92	6,8	10,8	3,1	79	115
ALEXANDROUPOLI	25,95	40,85	6,3	9,9	3,3	78	110
KOZANI	21,83	40,28	3,3	7,6	-0,6	29	
KERKYRA	19,92	39,62	11	14,3	7,6	214	98
IOANNINA	20,82	39,70	5,7	9	2,1	221	60
PREVEZA	20,76	38,91	10,4	13,7	7,1	197	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	6,2	11,6	1,1	33	134
LIMNOS	25,23	39,92	9	12,2	6,4	130	102
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	7,2	12,9	3,6	9	137
MYTILINI	26,60	39,05	10,7	13,1	8,6	135	102
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	10,4	14,9	7,2	197	119
SKYROS	24,48	38,96	10,5	13	8,4	103	108
ARGOSTOLI	20,50	38,12	12	14,7	9	123	143
ARAXOS	21,42	38,15	10	14,5	6	190	157
TANAGRA	23,57	38,33	8,6	13,1	4,5	76	129
HIOS	26,13	38,35	10,7	13,5	7,9	92	112
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52					
TATOI	23,78	38,10	8,3	12,6	4,1	91	
HELLINIKO	23,73	37,90					
ELEYSINA	23,55	38,07	9,9	14,1	6	80	
ZAKYNTHOS	20,88	37,75	11,2	14,8	7,8	177	140
SAMOS	26,92	37,68	11,2	13,6	8,8	36	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	10,3	15,4	5,6	178	135
NAXOS	25,37	37,10	12,9	15	10,6	80	115
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	10,2	14	6	69	
KOS	27,08	36,80					
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	13,2	15,2	10,7	92	153
SOUDA	24,12	35,55	11,4	14,8	8,5	195	150
RODOS	28,08	36,40	13,1	15,2	10,8	85	165
MYKONOS	25,35	37,43	11,6	13,4	10,2	62	
HERAKLEIO	25,18	35,33	12,6	15,7	9,8	91	144
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	12,5	15,3	10,1	90	141
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	9,8	13,2	6,9	125	141
KARPATOS	27,15	35,42	13,5	15,2	12,4	39	
PAROS	25,13	37,02					
SYROS	24,95	37,42	12,1	14,3	10	55	149
IKARIA	26,35	37,68	11	12,7	9,1	143	

TABLE OF DEVIATIONS  
FROM NORMAL VALUES

STATION	TMEAN ( deviation ) (I)	PRECI (deviation % ) (II)
SERRES	2.4	101
FLORINA	1.5	99
THESSALONIKI	2.5	62
ALEXANDROUPOLI	1.5	128
KOZANI	1.3	73
KERKYRA	1.4	162
IOANNINA	1.1	170
LARISA	1.1	99
LIMNOS	1.5	180
AGHIALOS	0.8	19
MYTILINI	1.4	104
AGRINIO	-	-
SKYROS	1.6	132
ARGOSTOLI	0.4	105
ARAXOS	-0.1	198
HIOS	1.1	79
HELLINIKO	-	-
ZAKYNTHOS	0.1	118
SAMOS	0.9	24
KALAMATA	0.1	158
NAXOS	0.9	112
METHONI	-	-
SANTORINI	1.9	143
SOUDA	0.6	137
RODOS	1.4	57
HERAKLIO	0.6	100
SITIA	0.2	99

(I) deviation of mean temperature from normal values  
(II) deviation of monthly precipitation height from normal values %.

# Climatic Bulletin

## General Description

Precipitation amounts were higher than normal values everywhere with exception of Thessaly and Central Macedonia where they were lower. The mean temperature varied higher than normal values over most parts, in general.

### 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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