



Climatic Bulletin

January 2015

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

January started with extremely low temperatures, local frost and strong gale force North winds. The weather conditions improved for five days (from 14/1 to 18/1) while heavy rainfalls, thunderstorms and strong gale force South winds recorded until the end of the month, causing many problems. It is remarkable that a lot of rivers located at west and central mainland overflowed.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

More specific (varied) :

Minimum:

from -19.9°C to 2°C over north mainland,
 from -10°C to 6°C over central mainland,
 from -4°C to 11°C over rest parts.

Maximum:

from -4.6°C to 16°C over north mainland,
 from 4°C to 19°C over central mainland,
 from 5°C to 18°C over rest parts.

Second Decameron

More specific (varied) :

Minimum:

from -10°C to 11°C over North mainland,
 from -6°C to 12°C over central mainland,
 from -2°C to 17°C over rest parts.

Maximum:

from 4°C to 17°C over north mainland,
 from 8°C to 19°C over central mainland,
 from 12°C to 18°C over rest parts.

Third Decameron

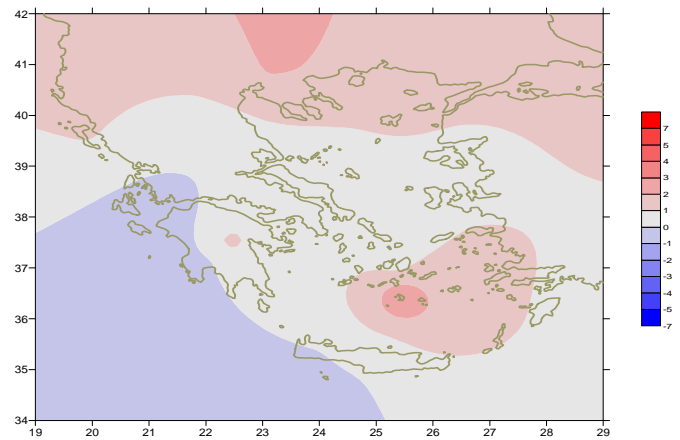
More specific (varied) :

Minimum:

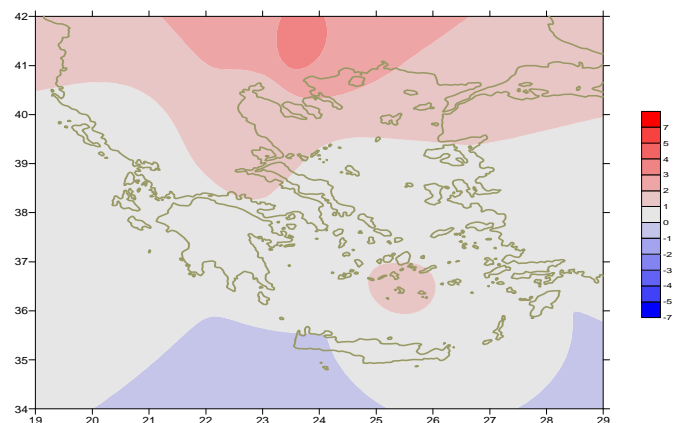
from 0°C to 13°C over north mainland,
 from 1°C to 10°C over central mainland,
 from 4°C to 16°C over rest parts.

Maximum:

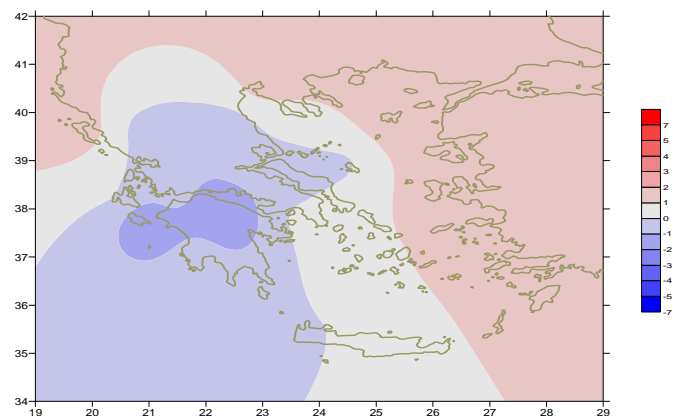
from 5°C to 15°C over north mainland,
 from 7°C to 20°C over central mainland,
 from 10°C to 20°C over rest parts.



Deviation of mean temperature from normal values



Deviation of maximum temperature from normal values



Deviation of minimum temperature from normal values



Precipitation

First Decameron

Remarkable precipitation (mainly snowfalls) over east and south parts (Evia, NA Attika, Cyclades, Kreta).

More specific:

*96mm in Souda, 46mm in Sandorini,
26mm in Chios, 41mm in Iraklion (1/1),
41mm in Sitia (5/1),
53mm in Kasteli, 29mm in Karpathos (6/1),
23mm in Syros (7/1).*

Second Decameron

Temporarily local rainfalls.

More specific:

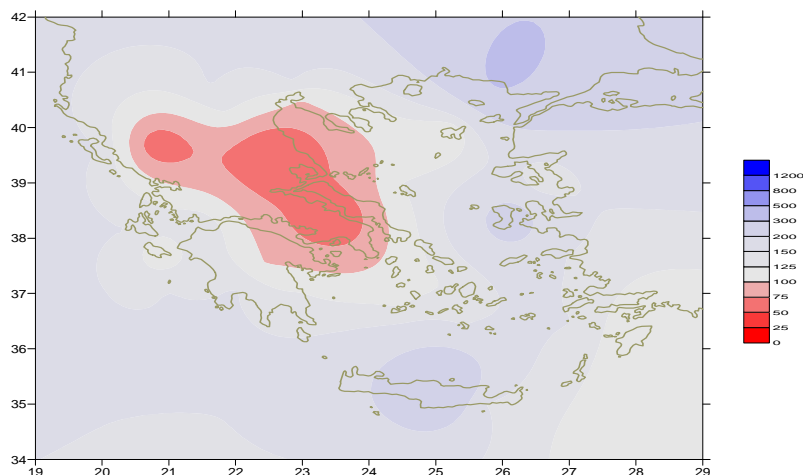
*27mm in Alexandroupoli, 14mm in Kastelorizo (12/1),
58mm in Iraklio, 39mm in Kasteli (13/1),
14mm in Konitsa (19/1).*

Third Decameron

Strong rainfalls, thunderstorms and snowfalls over mountainous regions mainly 30-31/1.

More specific:

*40mm in Argostoli (21/1),
46mm in Tripoli, 54mm in Kalamata (24/1),
65mm in Alexandroupoli, 42mm in Mitilini (25/1),
81mm in Chios (26/1),
42mm in Spata, 27mm in Kasos (29/1),
60mm in Konitsa, 70mm in Ioannina (31/1).*



*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	5,9	11,1	1,1	44	128
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	2,7	7,7	-2,2	66	124
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	6,9	10,4	2,7	30	140
CHRYSOUPOLI	24,62	40,92	6,2	10,4	2,5	84	124
ALEXANDROUPOLI	25,95	40,85	6,1	10,1	2,3	196	123
KOZANI	21,83	40,28	2,9	7,6	-1,2	41	
KERKYRA	19,92	39,62	10,7	14,6	6,6	156	131
IOANNINA	20,82	39,70	5,3	10,4	-0,2	43	
PREVEZA	20,76	38,91	9,9	13,6	6,5	163	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	5,4	11,5	-0,4	13	124
LIMNOS	25,23	39,92	8,7	12	6	62	118
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	7	12,5	2,4	18	140
MYTILINI	26,60	39,05	10,1	12,9	7,9	142	106
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	9,7	14,4	5,4	132	151
SKYROS	24,48	38,96	10,3	12,5	7,2	84	114
ARGOSTOLI	20,50	38,12	11,8	15	8,5	136	157
ARAXOS	21,42	38,15	9,6	14,1	5,4	111	168
TANAGRA	23,57	38,33	7,5	12,5	2,6	18	115
HIOS	26,13	38,35	10,5	13,4	7,8	281	108
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	4,7	10,1	-1	107	125
TATOI	23,78	38,10	7,6	12,2	3,6	57	
HELLINIKO	23,73	37,90	10,5	14,2	7,5	38	136
ELEYSINA	23,55	38,07	9,3	13,4	5,6	31	
ZAKYNTHOS	20,88	37,75	10,7	15,4	6,2	114	127
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	10	15,2	5,3	139	154
NAXOS	25,37	37,10	12,5	15,2	10,2	78	90
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	9,6	12,1	7	296	
KOS	27,08	36,80	11,2	13,6	9,3	87	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	12,3	14,7	9,9	86	125
SOUDA	24,12	35,55	10,9	14,4	7,5	233	146
RODOS	28,08	36,40	12,6	14,9	10,4	138	132
MYKONOS	25,35	37,43	10,9	13,3	9,3	86	
HRAKLEIO	25,18	35,33	12,3	15,6	9,3	196	140
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21					
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTEI	25,33	35,18	9,6	12,7	6,2	290	150
KARPATOS	27,15	35,42	13,4	15,3	11,2	71	
PAROS	25,13	37,02					
SYROS	24,95	37,42	11,3	14,1	8,8	140	137
IKARIA	26,35	37,68	11,8	13,1	8	205	

**TABLE OF DEVIATIONS
FROM NORMAL VALUES**

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	2.1	125
FLORINA		
THESSALONIKI	1.9	81
ALEXANDROUPOLI	1.3	325
KOZANI	0.9	104
KERKYRA	1.1	119
IOANNINA	0.7	33
LARISA	0.3	44
LIMNOS	1.2	86
AGHIALOS	0.6	37
MYTILINI	0.8	109
AGRINIO		
SKYROS	0.4	107
ARGOSTOLI	0.2	116
ARAXOS	-0.5	115
HIOS	0.9	241
HELLINIKO	0.5	62
ZAKYNTHOS	-0.6	76
SAMOS		
KALAMATA	0.2	123
NAXOS	0.5	109
METHONI		
SANTORINI	1	134
SOUDA	0.1	164
RODOS	0.9	93
HERAKLIO	0.3	214
SITIA		

(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 with the exception of northern, central mainland (mainly Thessaly) where they were lower.
The mean temperature varied above normal values 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/m²

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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