



Climatic Bulletin

December 2014

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

The first half of December was characterized by relatively high temperatures and a lot of precipitation. A soft weather period recorded until Christmas Day while bad weather conditions prevailed at the end. Particularly, during the last two days heavy snowfalls, extremely low temperatures, strong thunderstorms and strong gale force winds caused many problems over seas and mainland as well.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

More specific (varied) :

Minimum:

from 0°C to 12°C over north mainland,
from 1°C to 14°C over central mainland,
from 5°C to 19°C over rest parts.

Maximum:

from 5°C to 19°C over north mainland,
from 12°C to 21°C over central mainland,
from 13°C to 23°C over rest parts.

Second Decameron

More specific (varied) :

Minimum:

from -5°C to 9°C over North mainland,
from 0°C to 14°C over central mainland,
from 4°C to 17°C over rest parts.

Maximum:

from 3°C to 12°C over north mainland,
from 11°C to 16°C over central mainland,
from 13°C to 20°C over rest parts.
(the highest value: 25°C in Iraklion at 1/12).

Third Decameron

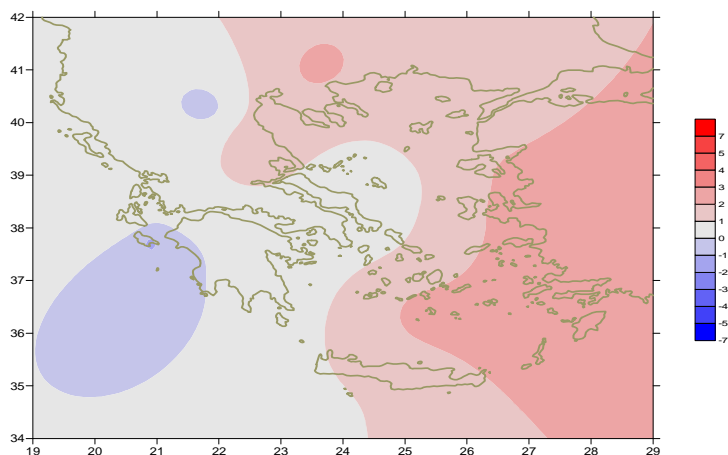
More specific (varied) :

Minimum:

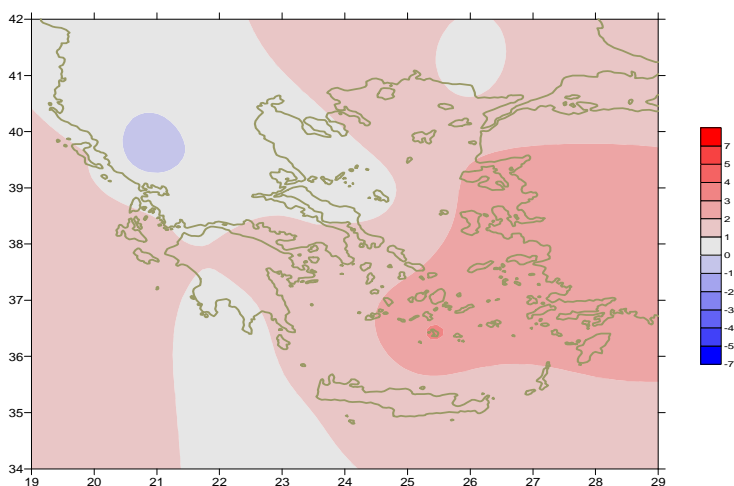
from -14°C to 8°C over north mainland,
from -3°C to 11°C over central mainland,
from 3°C to 14°C over rest parts.
(the lowest value: -14°C in Florina at 30/12).

Maximum:

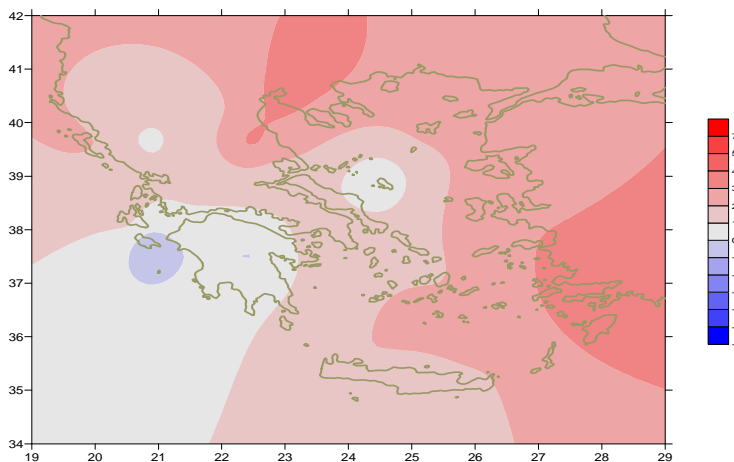
from -6°C to 14°C over north mainland,
from 1°C to 20°C over central mainland,
from 3°C to 19°C over rest parts.



Deviation of mean temperature from normal values



Deviation of maximum temperature from normal values



Deviation of minimum temperature from normal values



Precipitation

First Decameron

Strong rainfalls and thunderstorms over most parts.

More specific:

44mm in Edessa, 61mm in Ioannina (1/12),
59mm in Lamia (3/12), 75mm in Alexandroupoli, 60mm in Kalamata (4/12),
52mm in Thessaloniki, 46mm in Tatoi (6/12),
64mm in Kastelorizo (7/12),

55mm in Limnos, 54mm in Elefsina, 51mm in Methoni,

93mm in Kasteli (8/12),

50mm in Kos, 38mm in Paros (9/12), 29mm in Zakynthos (10/12).

Second Decameron

Strong rainfalls and thunderstorms over most parts.

More specific:

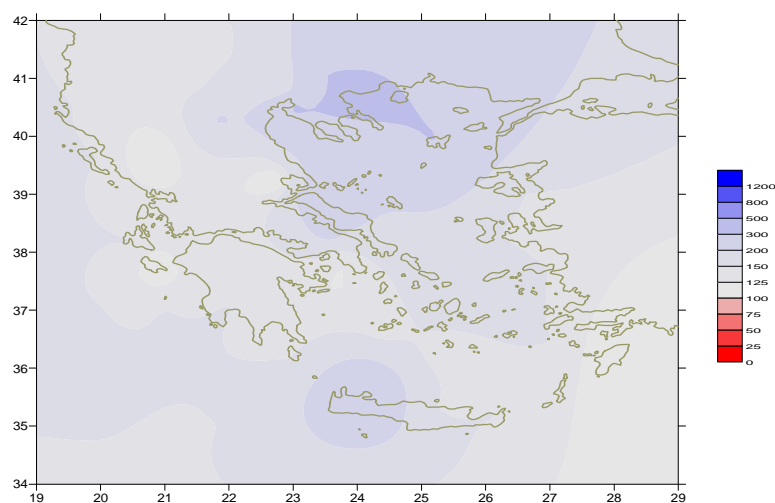
39mm in Skiros, 70mm in Tanagra, 51mm in Karistos,
53mm in Tatoi, 49mm in Hellinikon, 89mm in Spata,
66mm in Souda, 40mm in Mikonos (12/12),
44mm in Chrissoupoli, 53mm in Adravidia, 33mm in Argostoli,
52mm in Araxos (17/12).

Third Decameron

Strong rainfalls, thunderstorms and snowfalls(30-31/12).

More specific:

43mm in Kerkira (28/12),
37mm in Konitsa, 45mm in Ioannina (29/12),
40mm in Leonidio, 32mm in Milos, 30mm in Kithira,
48mm in Ikarria (30/12),
33mm in Skiros, 126mm in Souda,
49mm in Iraklion, 41mm in Kasteli (31/12).



**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	7,1	10,8	4,2	129	80
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	4,9	9,7	0,8	101	93
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	8,4	11,2	6	164	90
CHRYSOUPOLI	24,62	40,92	8,5	11,8	5,6	157	103
ALEXANDROUPOLI	25,95	40,85	8,2	11,4	5,5	215	72
KOZANI	21,83	40,28	4,6	8,4	1,7	112	
KERKYRA	19,92	39,62	12,1	16,4	8,8	188	116
IOANNINA	20,82	39,70	6,5	10,8	2,4	168	68
PREVEZA	20,76	38,91	12,1	15,6	0,7	150	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	7,9	11,3	5	60	67
LIMNOS	25,23	39,92	11	14,4	8,5	242	98
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	9,3	13,2	6,3	53	109
MYTILINI	26,60	39,05	13,4	16,3	11,1	166	102
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	12,2	16,5	8,6	211	120
SKYROS	24,48	38,96	11,9	14,5	9,4	164	102
ARGOSTOLI	20,50	38,12	13,8	17,3	11,2	147	121
ARAXOS	21,42	38,15	12	16,1	8,4	155	137
TANAGRA	23,57	38,33	10	14,6	6,2	175	98
HIOS	26,13	38,35	13	16,5	10,3	161	101
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	7,1	12,6	2,7	151	111
TATOI	23,78	38,10	10,3	14,7	6,8	202	
HELLINIKO	23,73	37,90	13,3	16,6	10,5	132	
ELEYSINA	23,55	38,07	12	16,1	8,3	191	
ZAKYNTHOS	20,88	37,75	13,1	17,7	8,9	154	109
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	11,8	17,1	7,9	214	121
NAXOS	25,37	37,10	15,1	18,1	12,7	114	78
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	10,7	14,3	6,5	104	
KOS	27,08	36,80	14,7	17,3	12,7	207	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	15,7	18,2	13,1	73	138
SOUDA	24,12	35,55	13,8	17,4	11,3	261	118
RODOS	28,08	36,40	16,1	18,9	13,8	121	150
MYKONOS	25,35	37,43	13,6	15,8	12,1	110	
HRAKLEIO	25,18	35,33	15	18,6	12,4	98	124
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	15,3	18,5	13	29	134
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18					
KARPATOS	27,15	35,42					
PAROS	25,13	37,02					
SYROS	24,95	37,42					
IKARIA	26,35	37,68					

**TABLE OF DEVIATIONS
FROM NORMAL VALUES**

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	2.2	295
FLORINA		
THESSALONIKI	1.7	310
ALEXANDROUPOLI	1.2	248
KOZANI	1	206
KERKYRA	1	104
IOANNINA	0.7	98
LARISA	1.6	115
LIMNOS	1.7	302
AGHIALOS	1.3	83
MYTILINI	2.1	114
AGRINIO		
SKYROS	0.2	210
ARGOSTOLI	0.9	117
ARAXOS	0.5	118
HIOS	1.9	140
HELLINIKO	1.3	200
ZAKYNTHOS	0.3	91
SAMOS		
KALAMATA	0.2	139
NAXOS	1.4	164
METHONI		
SANTORINI	2.9	120
SOUDA	1.2	278
RODOS	2.7	83
HERAKLIO	1.2	127
SITIA	1.3	33

(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. The mean temperature varied above normal values in general, mainly over Aegean area.

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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