




Climatic Bulletin

April 2015

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

April had a relatively cold first decameron. Afterwards the temperature rose and since the middle of the month it climbed up to relatively high values. During the same period locally strong rainfalls and thunderstorms took place, while significant snowfalls recorded over eastern mainland and Crete,



ΕΘΝΙΚΗ
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HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

More specific (varied) :

Minimum:

from -5°C to 12°C over north mainland,
from $+3^{\circ}\text{C}$ to 14°C over central mainland,
from $+4^{\circ}\text{C}$ to 16°C over rest parts.

Maximum:

from 8°C to 16°C over north mainland,
from 11°C to 25°C over central mainland,
from 11°C to 22°C over rest parts.

Second Decameron

More specific (varied) :

Minimum:

from 0°C to 12°C over North mainland,
from -1°C to 15°C over central mainland,
from $+4^{\circ}\text{C}$ to 17°C over rest parts.

Maximum:

from 18°C to 26°C over north mainland,
from 17°C to 28°C over central mainland,
from 14°C to 24°C over rest parts.

Third Decameron

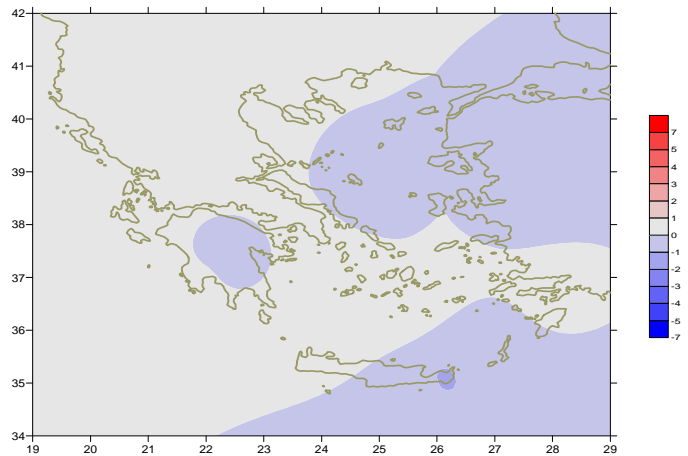
More specific (varied) :

Minimum:

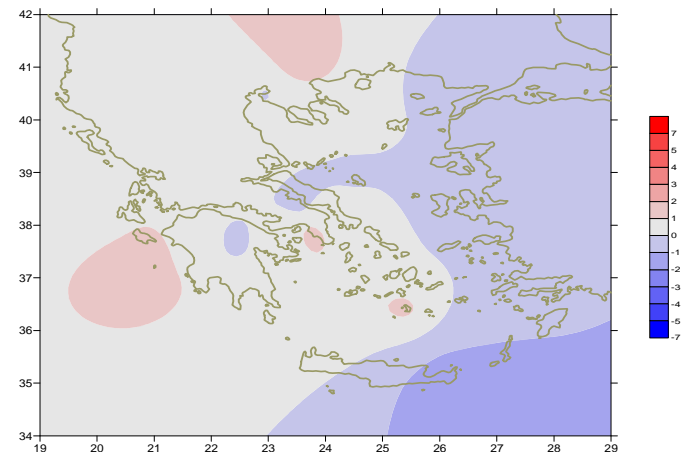
from 1°C to 13°C over north mainland,
from 2°C to 14°C over central mainland,
from 4°C to 16°C over rest parts.

Maximum:

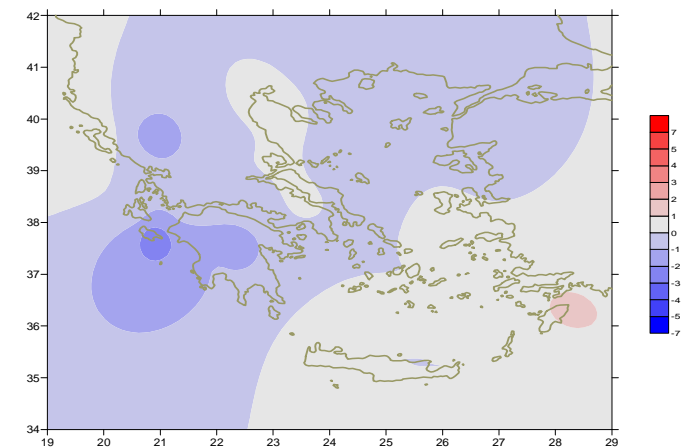
from 16°C to 27°C over north mainland,
from 17°C to 29°C over central mainland,
from 17°C to 29°C over rest parts.



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 most parts.

More specific:

24mm in Adravidia (5/4),

31mm in Alexandroupoli, 28mm in Konitsa,

34mm in Kozani, 17mm in Limnos, 26mm in Kastoria(6/4),

12mm in Aghialos, 16mm in Souda (8/4),

33mm in Karistos, 15mm in Tatoi, 34mm in Kastelli, 8mm in Karpathos (9 /4).

Second Decameron

Lack of precipitation until last day.

More specific:

2mm in Serres, 4mm in Alexandroupoli (20/4).

Third Decameron

Local precipitation.

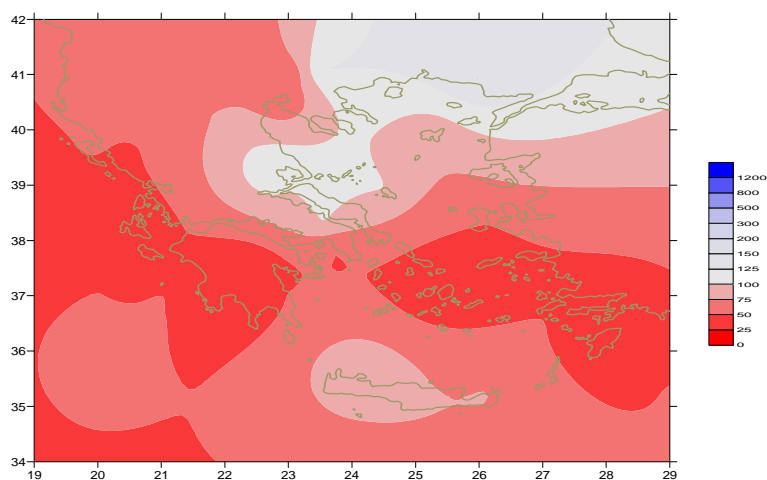
More specific:

15mm in Mitilini (26/4),

21mm in Skyros (27/4),

11mm in Ioannina (29/4),

8mm in Aghialos (30 /4).



*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	14,7	21,4	7,1	41	87
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	12,1	18,1	4,2	38	252
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	14,7	19,1	8	13	263
CHRYSOUPOLI	24,62	40,92	13,1	17,1	7,8	25	236
ALEXANDROUPOLI	25,95	40,85	13,2	16,8	7,1	51	244
KOZANI	21,83	40,28	11,8	17,4	5,1	28	
KERKYRA	19,92	39,62	15,7	19,7	10,1	14	262
IOANNINA	20,82	39,70	12,9	18,4	4,4	25	207
PREVEZA	20,76	38,91	15,6	19,3	10,2	12	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	14,6	20,5	6,1	26	251
LIMNOS	25,23	39,92	13,7	17,4	8,5	20	246
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	14,8	19,4	7,8	35	249
MYTILINI	26,60	39,05	15,2	19,1	10,6	28	287
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	15,2	19,1	9,1	27	255
SKYROS	24,48	38,96	14,6	17,8	10,8	20	250
ARGOSTOLI	20,50	38,12	15,6	19	11,3	5	293
ARAXOS	21,42	38,15	15,6	19,6	9,1	19	284
TANAGRA	23,57	38,33	14,8	19,4	7,5	26	247
HIOS	26,13	38,35	15,3	18,4	10,5	12	265
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	11,4	17,1	3,6	13	150
TATOI	23,78	38,10	14,4	19	7,1	15	
HELLINIKO	23,73	37,90	16,3	20,6	11,5	12	261
ELEYSINA	23,55	38,07	16	20,4	9,4	6	
ZAKYNTHOS	20,88	37,75	15,8	20,3	8,4	6	308
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	15,5	20,9	8,1	4	291
NAXOS	25,37	37,10	16,2	18,8	12,5	1	277
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	14,2	19,1	8,5	10	
KOS	27,08	36,80	15,4	18,1	12,4	5	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	16,4	19,5	12,6	9	284
SOUDA	24,12	35,55	16,1	20,3	11,9	28	286
RODOS	28,08	36,40	16,9	19,4	13,7	6	319
MYKONOS	25,35	37,43	15	17,7	12	4	
HRAKLEIO	25,18	35,33	16,4	19,6	12	20	260
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	15,7	18,7	12,5	20	186
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	14,2	18,6	9	56	265
KARPATIOS	27,15	35,42	15,9	18,4	13,7	10	
PAROS	25,13	37,02					
SYROS	24,95	37,42	15,5	18,9	11,4	8	278
IKARIA	26,35	37,68	15,3	17,5	13,6	123	

**TABLE OF DEVIATIONS
FROM NORMAL VALUES**

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	0.4	115
FLORINA		
THESSALONIKI	0.5	36
ALEXANDROUPOLI	0	129
KOZANI	-0.1	70
KERKYRA	0.6	23
IOANNINA	0.3	33
LARISA	0.6	90
LIMNOS	-0.1	62
AGHIALOS	0.6	102
MYTILINI	-0.6	60
AGRINIO		
SKYROS	-0.6	91
ARGOSTOLI	0.2	9
ARAXOS	0.2	46
HIOS	0	29
HELLINIKO	0.3	48
ZAKYNTHOS	0.3	12
SAMOS		
KALAMATA	0.1	8
NAXOS	0.1	5
METHONI		
SANTORINI	0.8	47
SOUDA	0.3	88
RODOS	0.2	25
HERAKLIO	-0.2	67
SITIA	-1.1	73

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

Climatic Bulletin

General Description

Precipitation amounts were lower than normal values with exception of parts of northern mainland.
The mean temperature varied close to normal values but it was slightly lower locally 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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