




Climatic Bulletin

September 2015

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

September was a hot month in the beginning. Particularly on the 6th day when extreme maximum temperatures recorded locally over central mainland.. From the 11th of month till the end a great number of strong rainfalls and thunderstorms took place. Because of the above mentioned severe phenomena a lot of great damages caused over Sporades(in particular over Skopelos island) and over southern parts of Iraklion area.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

More specific (varied) :

Minimum:

from 13°C to 21°C over north mainland,
from 18°C to 25°C over central mainland,
from 19°C to 26°C over rest parts.

Maximum:

from 22°C to 38.7°C over north mainland,
from 29°C to 41.6°C over central mainland,
from 27°C to 36°C over rest parts.

Note: extreme values 41.6°C in Elefsina,
40.7°C in Aghialos, 40.4°C in Lamia,
39.9°C in n. Filadelfia (Attica) at 6/9.

Second Decameron

More specific (varied) :

Minimum:

from 7.5°C to 21°C over North mainland,
from 11°C to 24°C over central mainland,
from 18°C to 24°C over rest parts.

Maximum:

from 27°C to 34°C over north mainland,
from 27°C to 35°C over central mainland,
from 24°C to 32°C over rest parts.

Third Decameron

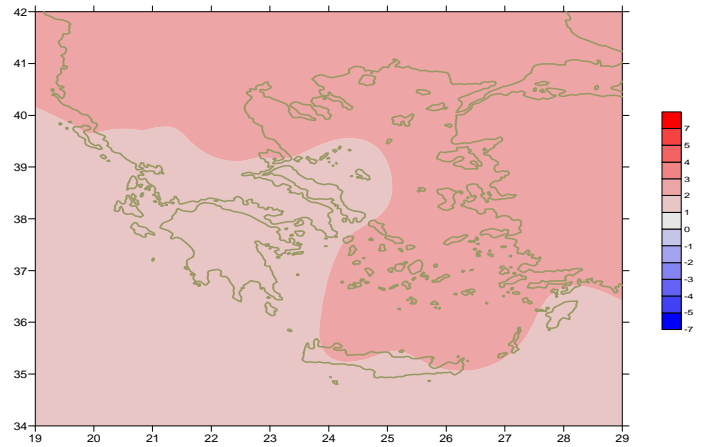
More specific (varied) :

Minimum:

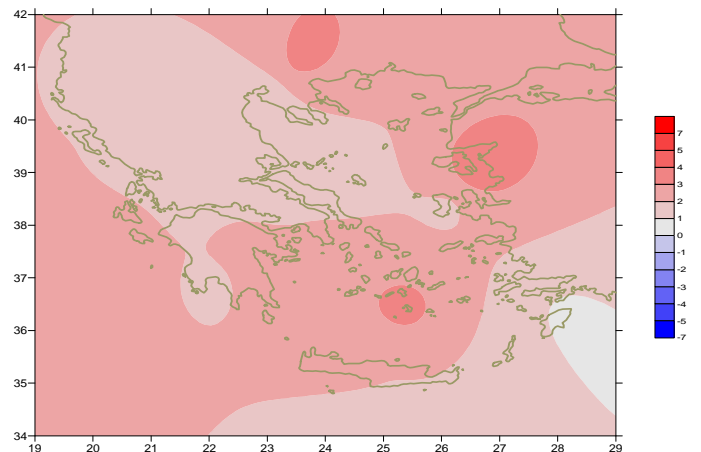
from 11°C to 21°C over north mainland,
from 14°C to 22°C over central mainland,
from 16°C to 24°C over rest parts.

Maximum:

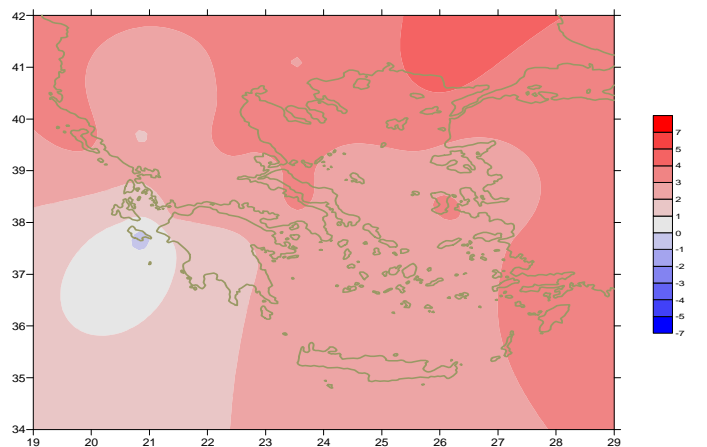
from 16°C to 30°C over north mainland,
from 20°C to 30°C over central mainland,
from 22°C to 29°C over rest parts.



Deviation of mean temperature from normal values



Deviation of maximum temperature from normal values



Deviation of minimum temperature from normal values



Precipitation

First Decameron

Local heavy rains and thunderstorms at the end (10/9).

More specific:

59mm in Ioannina, 67mm in Konitsa, 91mm in Kerkyra, 48mm in Kozani, 39mm in Kastoria, 31mm in Edessa, 20mm in Argostoli (6/8) at 10/9.

Second Decameron

Local rains and thunderstorms between 11-12/9.

More specific:

19mm in Preveza, 13mm in Kozani at 11/9, 24mm in Alexandroupoli, 8mm in Kastelorizo, 5mm in Limnos at 12/9.

Third Decameron

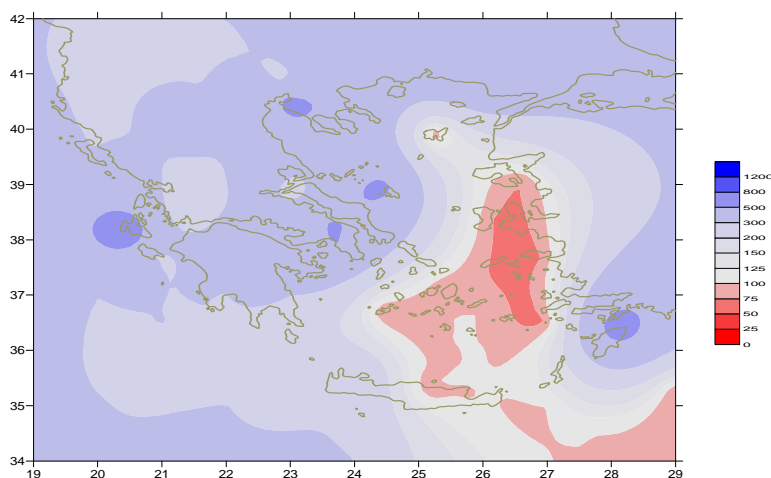
Strong rains with long duration and local severe thunderstorms temporarily over most parts

More specific:

52mm in Thessaloniki, 52mm in Skiathos, 62mm in Karistos (21/9), 48mm in Skiros, 45mm in Skiathos, 48mm in Spata, 72mm in Kos (22/9), 72mm in Alexandroupoli, 55mm in Skiathos (23/9), 188mm in Argostoli, 46mm in Kerkyra (25/9),

63mm in Thessaloniki, 40mm in Zakynthos, 32mm in Preveza (26/9),

66mm in Chrissoupoli (28/9), 64mm in Aghialos(30/9).



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	24,1	31,3	17,2	78	169
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	20,7	26,8	14	87	212
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	24	28,5	18,5	141	221
CHRYSOUPOLI	24,62	40,92	23	27,3	18,2	90	239
ALEXANDROUPOLI	25,95	40,85	23,7	28,6	18,4	134	254
KOZANI	21,83	40,28	21,5	26,5	15,1	112	
KERKYRA	19,92	39,62	24,7	29,7	19,8	148	256
IOANNINA	20,82	39,70	22,3	28,2	14,2	65	199
PREVEZA	20,76	38,91	25,2	29	20,1	120	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	24,2	30,3	17,6	73	198
LIMNOS	25,23	39,92	23,6	27,3	19,7	9	253
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	24,2	28,5	18,5	149	214
MYTILINI	26,60	39,05	25,9	30,5	20,9	4	281
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	24,9	29,7	18,5	55	261
SKYROS	24,48	38,96	23,9	26,1	21,6	95	243
ARGOSTOLI	20,50	38,12	25,1	29,1	20,4	188	274
ARAXOS	21,42	38,15	25,3	29,8	19,1	39	271
TANAGRA	23,57	38,33	24,5	29,6	18,1	52	250
HIOS	26,13	38,35	24,8	28	20,5	2	269
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	22	29,1	13,2	61	242
TATOI	23,78	38,10	24,2	29,3	18,8	71	
HELLINIKO	23,73	37,90	26	30,5	22	39	283
ELEYSINA	23,55	38,07	26,1	30,6	21	71	
ZAKYNTHOS	20,88	37,75	25,8	30,5	18,4	62	276
SAMOS	26,92	37,68					
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	24,4	30,4	18	38	253
NAXOS	25,37	37,10	24,8	27,4	22,2	0	274
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	24,7	28,8	20	67	
KOS	27,08	36,80	25,1	28,9	22,2	98	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	25,4	29	22,1	6	276
SOUDA	24,12	35,55	25,1	29,5	21,1	42	274
RODOS	28,08	36,40	26,5	29,1	23,8	43	281
MYKONOS	25,35	37,43	24,3	27,2	21,9	16	
HRAKLEIO	25,18	35,33	25,4	28,5	21,9	10	250
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21					
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	24	28,7	19,1	16	261
KARPATOS	27,15	35,42	26	28,8	23,8	8	
PAROS	25,13	37,02					
SYROS	24,95	37,42	24,7	27,9	21,9	33	276
IKARIA	26,35	37,68					

TABLE OF DEVIATIONS
FROM NORMAL VALUES

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	2.5	373
FLORINA		
THESSALONIKI	2.2	538
ALEXANDROUPOLI	2.7	432
KOZANI	2	342
KERKYRA	2	198
IOANNINA	2	118
LARISA	2.2	248
LIMNOS	2.2	46
AGHIALOS	2	478
MYTILINI	2.9	37
AGRINIO		
SKYROS	1.8	531
ARGOSTOLI	1.6	627
ARAXOS	1.8	174
HIOS	2.2	3
HELLINIKO	1.7	402
ZAKYNTHOS	2	244
SAMOS		
KALAMATA	1.1	135
NAXOS	2.2	1
METHONI		
SANTORINI	2.8	34
SOUDA	2.1	225
RODOS	1.9	606
HERAKLIO	1.9	51
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 normals everywhere with exception of Cyclades and East Aegean islands.
The mean temperature varied higher than 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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