



Climatic Bulletin

November 2009

 Max
temperature

 Min
temperature

 Mean
temperature

 Precipitation

 Sunshine
duration



November in its first half gave heavy rainfalls and thunderstorms which, in some cases, were accompanied by hail. Floods made their appearance in many parts of Greek mainland and islands, as well. The second half was characterized both by sunshine and local fogs.



Temperature

First Decameron

Minimum: Initially the values were low over Northern and Western mainland..

Some of the lowest:

-3°C in *Kastoria* at 2/11 and -1.8°C in *Alexandroupoli* at 3/11.

Maximum: Relatively low values recorded over Central and Northern parts until 4/11:

6.6°C in *Serres*, 7.4°C in *Kabala* and 8.6°C in *Trikala* of *Thessaly* at 3/11.

Second Decameron

Minimum: The values increased mostly at the end.

Some of the lowest that were noticed are 0.6°C in *Konitsa* and 0.6°C in *Tripoli* at 13/11.

Maximum: From the highest values:

23.4°C in *Trikala (Imathias)* at 19/11 and 22.8°C in *Elefsina* at 20/11.

Third Decameron

Minimum: The values were relatively low due to clear sky during the night.

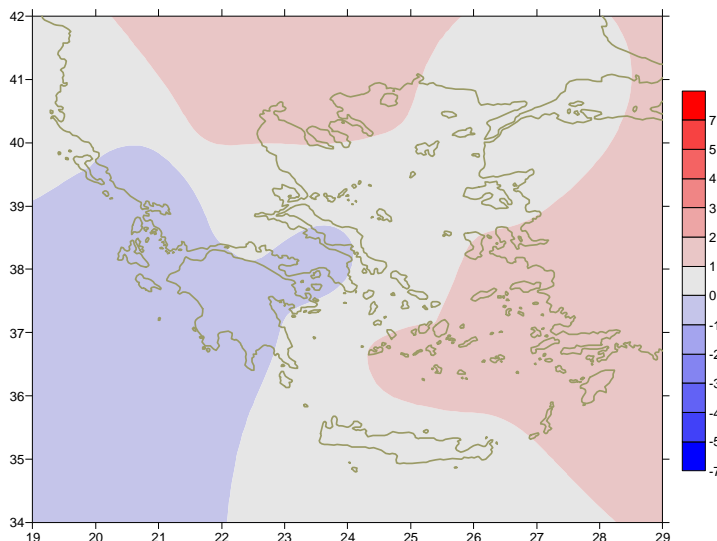
More specific:

-1.2°C in *Tripoli* and -2.3°C in *Kozani* at 22/11.

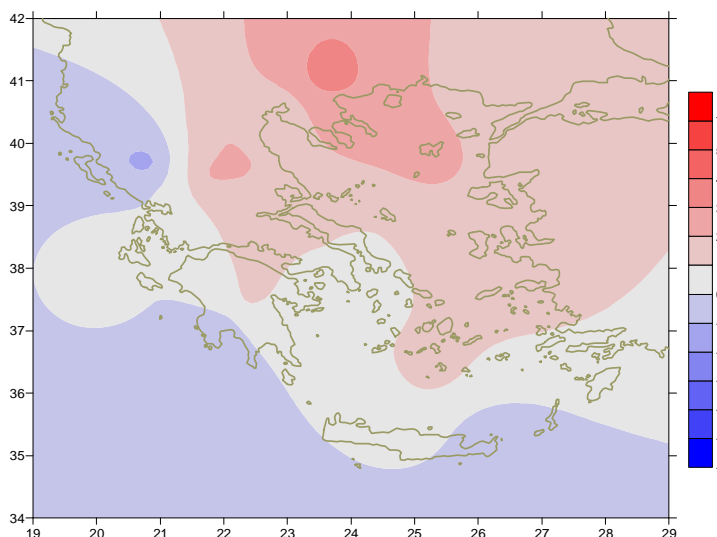
Maximum: During the whole period the values were temporarily increased over Southern Aegean.

For example:

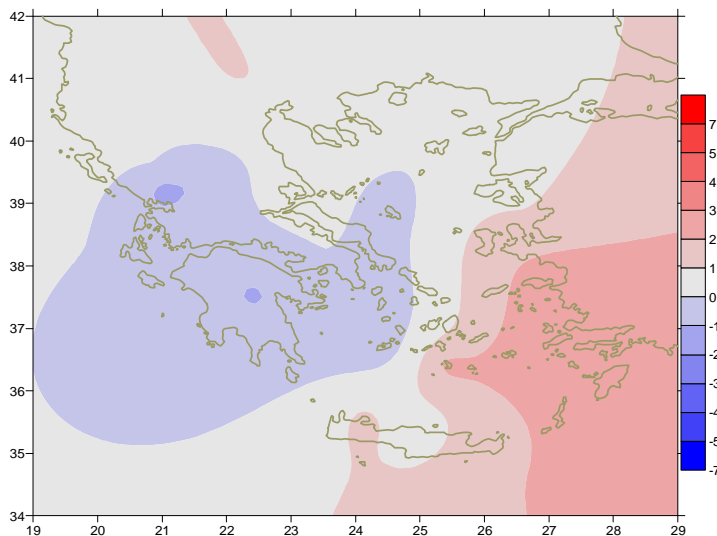
23°C in *Timbaki*, 20.8°C in *Kos* at 22/11 and 21.6°C in *Rhodos* at 23/11.



Deviation of mean temperature from normal values



Deviation of maximum temperature from normal values



Deviation of minimum temperature from normal values



Precipitation

First Decameron

Significant rainfalls and local thunderstorms recorded after 3/11

Mainly over Ionian Sea, western mainland and also over Aegean Sea..

More specific: *98mm in Kerkyra at 6/11,*

80mm in Methoni,

51mm in Iraklion and

39mm in Ikaria at 8/11,

106mm in Arta at 10/11.

Second Decameron

Remarkably high precipitation recorded at 11 and 12/11 mainly over

Western parts and Aegean.

More specific: *34mm in Mitilini (11/11),*

40mm in Kos (11/11),

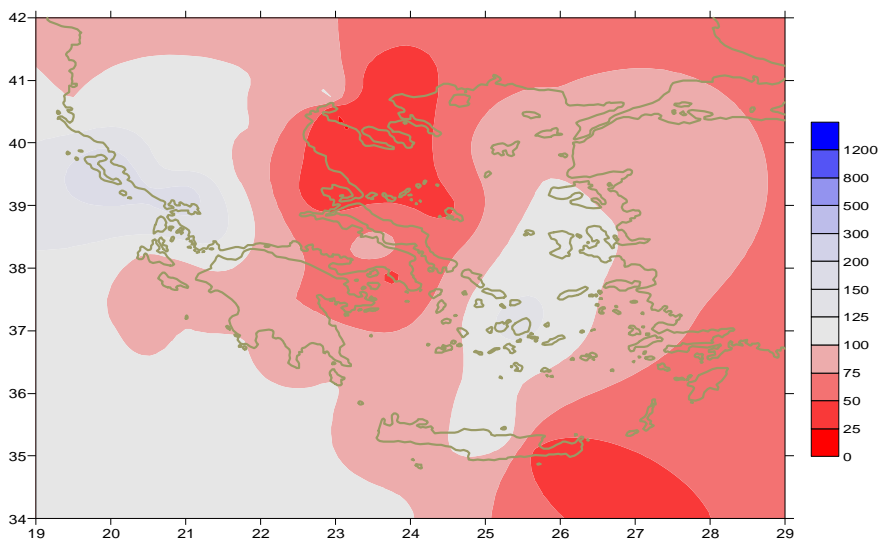
24mm in Samos (11/11),

24mm in Timbaki (12/11).

Third Decameron

No significant precipitation was recorded.

More specific: *8mm in Kastelli (26/11),*
9mm in Ioannina (29/11).



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	11,1	17,2	5	19	114
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	8,8	14,9	2,1	144	145
TRIKALA_IMATHIAS	22,55	40,60	11,9	18,7	6,5	49	161
THESSALONIKI	22,97	40,52	12,2	16,7	7,6	14	170
CHRYSOUPOLI	24,62	40,92	11,9	16,9	7,1	29	176
ALEXANDROUPOLI	25,95	40,85	11,5	16,1	7	57	155
KOZANI	21,83	40,28	9,4	15	4,6		
KERKYRA	19,92	39,62	14,2	18,2	10,2	316	108
IOANNINA	20,82	39,70	9,4	14,6	4,8	179	82
PREVEZA	20,76	38,91	14,7	18	11,6	148	
TRIKALA_THESSALIAS	21,77	39,52	10,8	17,4	5,5	100	
LARISA	22,45	39,65	11,5	18	5,7	33	176
LIMNOS	25,23	39,92	13,2	18	9,2	76	181
ARTA	21,00	39,17	12,8	19,2	8	291	153
AGHIALOS	22,78	39,21	12,7	18,7	8,6	20	194
MYTILINI	26,60	39,05	15,3	18,8	12,3	90	189
VELO	22,77	37,97	13,5	19,6	9,1	37	180
AGRINIO	21,35	38,60	12,8	19,1	7,4	233	163
LAMIA	22,43	38,87	12,4	19,2	7,2	41	180
ANDRAVIDA	21,28	37,92	14,2	19	9,8	110	167
SKYROS	24,48	38,96	15	18,4	11,8	23	179
ARGOSTOLI	20,50	38,12	15,7	19,7	12,4	147	188
ARAXOS	21,42	38,15	14,5	19,3	9,7	146	186
TANAGRA	23,57	38,33	12,6	18,7	8	53	180
HIOS	26,13	38,35	14,9	18,6	11,6	105	174
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	10	16,7	3,9	86	194
TATOI	23,78	38,10	12,9	18,4	8,7	49	
HELLINIKO	23,73	37,90	15,2	19,1	11,3	22	178
ELEYSINA	23,55	38,07	15,1	19,8	10,7	35	
ZAKYNTHOS	20,88	37,75	15,2	19,1	11,7	123	150
SAMOS	26,92	37,68	16	19,2	13,2	90	207
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	14,1	20,1	9,2	120	196
NAXOS	25,37	37,10	17,2	19,7	14	66	171
METHONI	21,70	36,82	15,7	19,1	11,6	118	211
MHLOS	24,43	36,73	16,4	18,9	12,5	54	
SPATA	23,95	37,95	15,3	18,7	8,4	52	
KOS	27,08	36,80	16,5	19,2	14,3	67	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	17,1	19,3	15,2	56	213
SOUDA	24,12	35,55	16,3	19,9	13,1	63	176
RODOS	28,08	36,40	18	20,7	15,6	63	203
MYKONOS	25,35	37,43					
HERAKLEIO	25,18	35,33	17	20,6	13,7	71	187
IERAPETRA	25,73	35,02	18	20,6	15,4	20	212
SITEIA	26,10	35,21	17,4	19,4	15,3	28	182
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	16,9	21,8	12,2	76	157
KASTEI	25,33	35,18		18,1	10,3	101	180
KARPATOS	27,15	35,42	17,9	20,2	15,7	25	
PAROS	25,13	37,02					
SYROS	24,95	37,42	16,6	19,3	13,9	40	225
IKARIA	26,35	37,68					

Climatic Bulletin

General Description

Precipitation amounts were higher than normal values over Northwestern parts and most of Aegean areas. The mean temperature varied higher than normal values, over parts of Northern mainland and most of Aegean Islands.

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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