




Climatic Bulletin

May 2010

 Max
temperature

 Min
temperature

 Mean
temperature

 Precipitation

 Sunshine
duration



May marked by the hot five days at the end..
Remarkable rainfalls and strong thunderstorms
recorded at 21-22/5 mainly over Central-Northern
Aegean (local floods over Sporades).
Also, strong gale force south winds (8 locally 9 beaufort)
affected North Ionian at 16/5.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First Decameron

Minimum: The values were low mainly over mainland for the first four days.

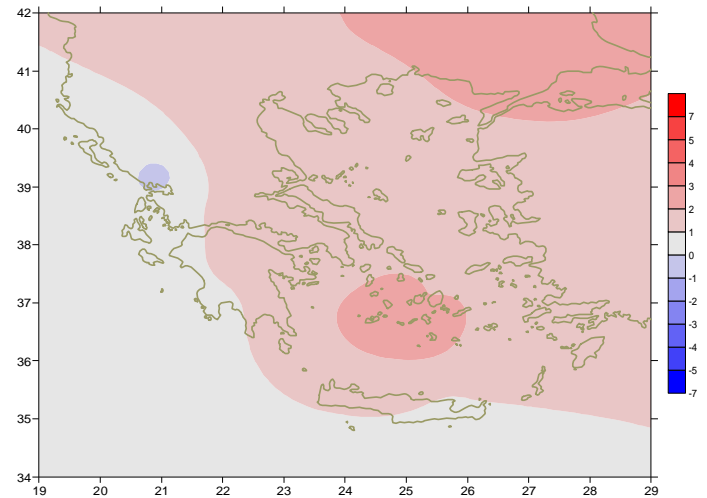
Some of the lowest:

6.4°C in Tripoli and 8.5°C in Agrinio at 4/5.

Maximum: High values recorded at the end.

More specific:

31.2°C in Lamia, 29.6°C in N.Filadelfia at 9/5.



Deviation of mean temperature from normal values

Second Decameron

Minimum: The values increased in the middle of the period.

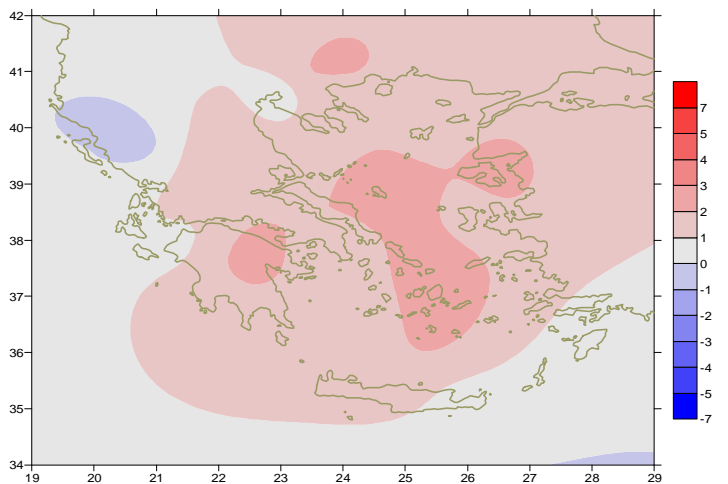
E.g: 17°C in Ioannina and 13.2°C in Kozani at 15/5.

Maximum: High values between 11/5 and 14/5 locally in mainland and mainly in Creta.

More specific:

34°C in Lamia and 34.8°C in Iraklion at 13/5,

33.4°C in Kasteli (Iraklio) at 14/5.



Deviation of maximum temperature from normal values

Third Decameron

Minimum: The values were relatively low over Northwestern parts but they rised everywhere at the end of the period.

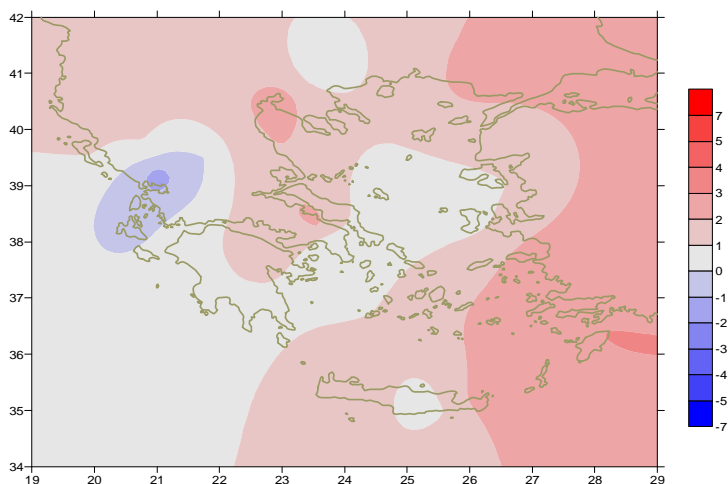
More specific:

7.4°C in Kastoria at 24/5 and 8.4°C in Konitsa at 24/5.

Maximum: High values over mainland for the last days.

For example:

34°C in N. Filadelfia at 30/5, 35°C in Anchialos and 35.6°C in Milos at 31/5.



Deviation of minimum temperature from normal values



Precipitation

First Decameron

Relatively low precipitation recorded.

2mm in Konitsa at 2/5,

1mm in Kastoria and Kozani at 8/5.

Second Decameron

Remarkable rainfalls and local thunderstorms recorded at the end of the period mainly over mainland.

More specific:

34mm in Konitsa (15/5),

31mm in Preveza (20/5),

59mm in Kerkyra (20/5).

Third Decameron

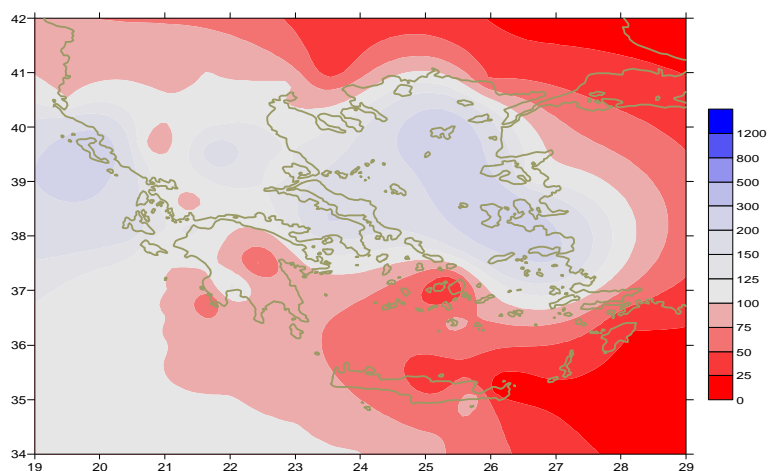
Remarkable rainfalls and thunderstorms recorded at Central-northern Aegean, Thessaly and Eastern Sterea.

More specific:

35mm in Trikala(Thessaly), 24mm in Lamia at 21/5,

29mm in Skyros at 22/5,

34mm in Limnos at 23/5.



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	21,4	27,2	12,8	16	251
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	17,4	22,7	8,9	51	240
TRIKALA_IMATHIAS	22,55	40,60	20,9	26,3	13,8	54	230
THESSALONIKI	22,97	40,52	20,8	24,9	14,3	41	279
CHRYSOUPOLI	24,62	40,92	20	23,7	14,4	28	265
ALEXANDROUPOLI	25,95	40,85	20,5	24,2	13,4	19	314
KOZANI	21,83	40,28	18,6	23	10,6	62	
KERKYRA	19,92	39,62	20,2	23,8	14	97	279
IOANNINA	20,82	39,70	17,7	22,9	10,4	55	242
PREVEZA	20,76	38,91	19,8	23,2	14,7	74	
TRIKALA_THESSALIAS	21,77	39,52	21,7	27,4	13,5	84	
LARISA	22,45	39,65	21,3	27,5	12,4	51	289
LIMNOS	25,23	39,92	20	23,7	14,1	67	328
ARTA	21,00	39,17	19,7	25,7	12,5	58	278
AGHIALOS	22,78	39,21	20,9	25,6	13,8	43	290
MYTILINI	26,60	39,05	22	26,1	16,2	24	339
VELO	22,77	37,97	21,8	26,9	13,2	10	297
AGRINIO	21,35	38,60	21,1	27,4	12,2	40	280
LAMIA	22,43	38,87	22,1	27,9	13,7	34	249
ANDRAVIDA	21,28	37,92	20,3	24,7	13,3	27	289
SKYROS	24,48	38,96	21	24,2	15,4	27	302
ARGOSTOLI	20,50	38,12	20	23,4	14,7	32	304
ARAXOS	21,42	38,15	20,5	24,7	13,6	25	294
TANAGRA	23,57	38,33	22	27	13,3	44	314
HIOS	26,13	38,35	21,3	24,6	14,1	35	313
PYRGOS	21,42	37,67	20,6	25,3	12,9	66	259
TRIPOLI	22,40	37,52	19	25,3	9,5	16	297
TATOI	23,78	38,10	21,4	25,6	13,8	17	
HELLINIKO	23,73	37,90	21,8	25,5	16	21	325
ELEYSINA	23,55	38,07	22,7	26,9	16,1	3	
ZAKYNTHOS	20,88	37,75					
SAMOS	26,92	37,68	22,4	26,2	16,5	34	342
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	20,3	25,4	12,6	31	306
NAXOS	25,37	37,10	21,4	24,7	17	0	344
METHONI	21,70	36,82	19,9	23,5	15,4	8	279
MHLOS	24,43	36,73	21,9	23,9	16,9	8	
SPATA	23,95	37,95	21,6	26,7	13,1	13	
KOS	27,08	36,80	21	24,5	17,5	16	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	21,6	24,6	17,4	5	319
SOUDA	24,12	35,55	21,3	25,7	16,2	8	302
RODOS	28,08	36,40	21,9	24,7	18,8	4	328
MYKONOS	25,35	37,43	21,1	24,7	16,9	3	
HERAKLEIO	25,18	35,33	21,5	25,1	15,6	5	317
IERAPETRA	25,73	35,02	21,4	24,9	16,3	10	246
SITEIA	26,10	35,21	21,3	24,3	17,8	0	326
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	21,1	25	14	5	263
KASTELI	25,33	35,18	20,6	26	13,3	2	287
KARPATOS	27,15	35,42	21,1	24,2	18	5	
PAROS	25,13	37,02					
SYROS	24,95	37,42	21,6	25,3	16,6	2	336
IKARIA	26,35	37,68	20,6	22,6	18,3	13	

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General Description

Precipitation amounts were higher than normal values over northwestern mainland, northern Ionian and Central-Northern Aegean. On the contrary, over all the rest parts of Greece they were lower, particularly in Southeastern Aegean Sea. The mean temperature varied higher than normal values everywhere, except northwestern mainland.

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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