



# Climatic Bulletin

November 2010

 Max  
temperature

 Min  
temperature

 Mean  
temperature

 Precipitation

 Sunshine  
duration



November had a sunny first week without precipitation. In contrast, during the period 8-17/11 very strong rainfalls and thunderstorms recorded which caused floods temporarily over Epirus and N. Ionion. In parallel the island of Kerkira and the northwestern parts of Peloponnese were hit by whirlwinds(8-10/11). Strong gale force south winds caused a lot of problems and carried great amounts of dust from Africa.



ΕΘΝΙΚΗ  
ΜΕΤΕΩΡΟΛΟΓΙΚΗ  
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



# Temperature

## First Decameron

**Minimum:** The values were relatively high at 9 and 10/11 (except NW mainland).

From the highest:

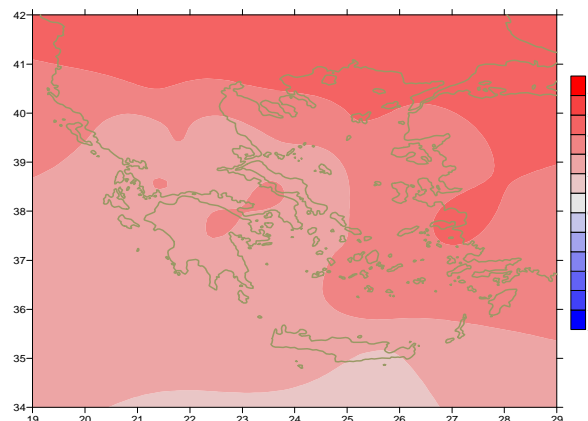
*19°C in Alexandroupoli and 21.2°C in Hellinikon at 9/11.*

**Maximum:** Relatively high values at the beginning.

More specific:

*25.4°C in Astros, 26°C in Timbaki at 9/11,*

*28.4°C in Lamia and 29°C Iraklion at 10/11.*



*Deviation of mean temperature from normal values*

## Second Decameron

**Minimum:** The values decreased at the end.

More specific:( from the lowest)

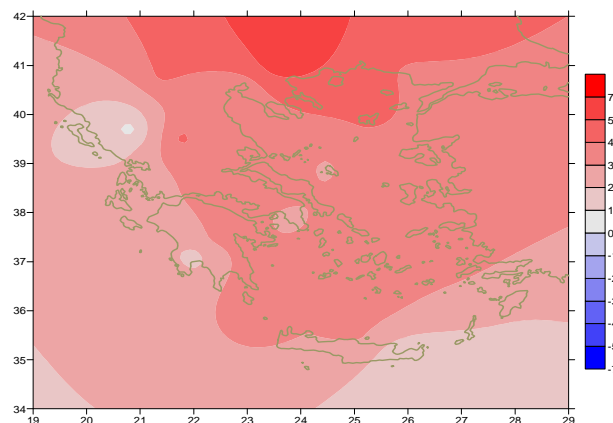
*7.3°C in Lamia and 4.2°C in Tripoli.*

**Maximum:** reduced values in general.

More specific: (from the lowest)

*11.4°C in Kozani,*

*13.8°C in Tripoli at 17/11.*



*Deviation of maximum temperature from normal values*

## Third Decameron

**Minimum:** relatively low mainly over NW parts.

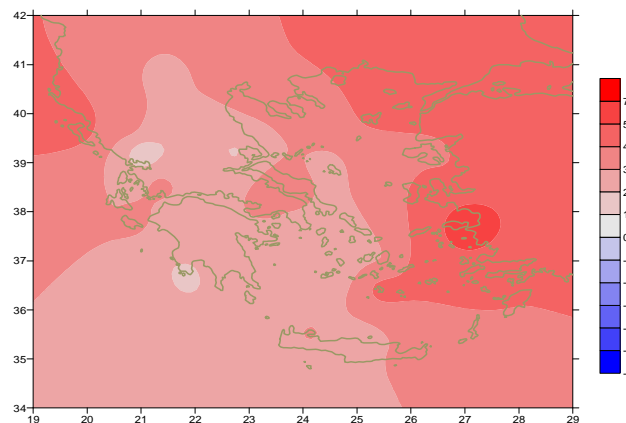
More specific:(from the lowest)

*1.4°C in Kastoria at 21/11 and 3°C in Trikala at 25/11.*

**Maximum:** high values last days.

For example: (from the highest)

*27°C in Velo ( Korinthia ), 27.2°C in Souda and Iraklion at 29/11.*



*Deviation of minimum temperature from normal values*



## Precipitation

### First Decameron

High precipitation recorded over Epirous and N.Ionion.

More specific:

*127mm in Ioannina ,*

*57mm in Konitsa and*

*49mm in Arta at 9/11.*

### Second Decameron

very high precipitation recorded over Attica, N. Ionion, S. Aegean and Creta island.

More specific:

*32mm in Hellinikon at 12/11,*

*57mm in Sitia at 13/11,*

*28mm in Paros at 16/11,*

*110mm in Kerkira at 17/11.*

### Third Decameron

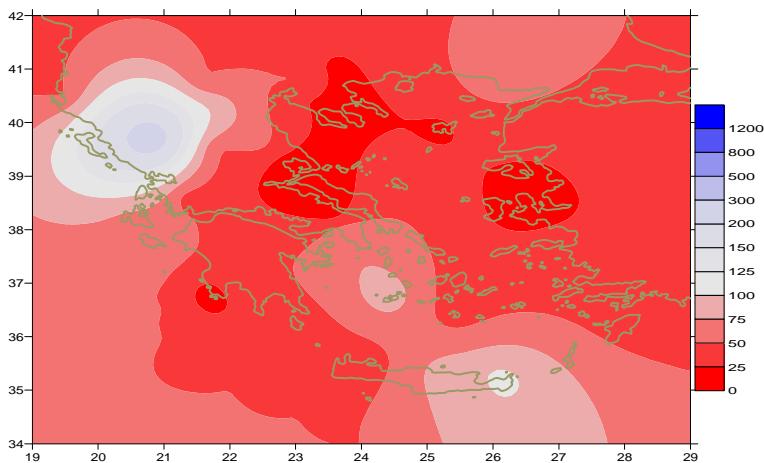
Very high precipitation recorded during the whole period over Ionion area and west mainland.

More specific:

*55mm in Ioannina at 24/11,*

*27mm in Argostoli and*

*49mm in Zakynthos at 26/11.*



*Deviation of monthly perezipitatin height from normal values (%)*

TABLE OF MEAN VALUES

STATION	Longitude	Lattitude	Tmean	TX	TN	RR	INST
SERRES	23,53	41,07	13,8	19,5	8,3	12	102
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	10,6	16,2	4,7	76	138
TRIKALA_IMATHIAS	22,55	40,60	14,3	20,6	8,9	20	139
THESSALONIKI	22,97	40,52	14,8	18,7	10,4	15	152
CHRYSOUPOLI	24,62	40,92	14,7	19	10,5	16	147
ALEXANDROUPOLI	25,95	40,85	15,1	19	10,9	51	152
KOZANI	21,83	40,28	11,4	16,4	6,7	56	
KERKYRA	19,92	39,62	17,4	20,6	14,1	269	105
IOANNINA	20,82	39,70	12,2	16,6	8,1	413	75
PREVEZA	20,76	38,91	17,3	20,8	14	201	
TRIKALA_THESSALIAS	21,77	39,52	13,5	19,5	8,6	57	
LARISA	22,45	39,65	13,4	19,1	7,8	36	137
LIMNOS	25,23	39,92	16,4	19,5	13,3	16	138
ARTA	21,00	39,17	15,4	21,4	10,5	250	130
AGHIALOS	22,78	39,21	14,5	20,2	9,9	10	146
MYTILINI	26,60	39,05	18,2	21,1	15,4	2	146
VELO	22,77	37,97	16,4	21,9	12	25	160
AGRINIO	21,35	38,60	16,1	21,6	11,1	68	134
LAMIA	22,43	38,87	15	21,5	9,5	12	140
ANDRAVIDA	21,28	37,92	17,3	21,9	13,3	89	149
SKYROS	24,48	38,96	17,3	20,1	14,8	23	128
ARGOSTOLI	20,50	38,12	18,5	21,3	15,5	96	168
ARAXOS	21,42	38,15	17,4	21,6	13,2	69	164
TANAGRA	23,57	38,33	16,1	21,2	11,8	6	126
HIOS	26,13	38,35	17,4	20,7	14,2	8	159
PYRGOS	21,42	37,67	18,1	22,3	13,8	92	125
TRIPOLI	22,40	37,52	13,1	18,8	7,8	52	166
TATOI	23,78	38,10	15,7	20,4	11,8	30	
HELLINIKO	23,73	37,90	18,2	21,6	14,8	36	146
ELEYSINA	23,55	38,07	17,6	22	13,7	4	
ZAKYNTHOS	20,88	37,75	18	21,1	15,7	115	148
SAMOS	26,92	37,68	18,7	21,8	16,2	32	159
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	16,8	22,1	11,9	66	163
NAXOS	25,37	37,10	19,3	22,3	16,2	19	139
METHONI	21,70	36,82	18,4	21,9	14,2	12	181
MHLOS	24,43	36,73	18,2	21,9	12,9	54	
SPATA	23,95	37,95					
KOS	27,08	36,80	18,6	21,5	16,5	35	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	19,5	21,8	17,4	19	185
SOUDA	24,12	35,55	18,2	22,6	15	26	165
RODOS	28,08	36,40	19,8	22,4	17,2	29	184
MYKONOS	25,35	37,43	18,1	20,3	16,7	18	
HERAKLEIO	25,18	35,33	18,8	23	15,7	50	178
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	19	21,9	16,7	68	186
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06	17,8	23,3	13,4	60	197
KASTELI	25,33	35,18	16,2	21	11,6	66	196
KARPATOS	27,15	35,42					
PAROS	25,13	37,02	18,7	21,7	16	51	179
SYROS	24,95	37,42	18,7	21,3	16	13	194
IKARIA	26,35	37,68	19,9	20,6	17,7	45	

# Climatic Bulletin

## General Description

Precipitation amounts were quite higher than normal values over Epirus and N.Ionion but lower over the rest parts. The mean temperature varied higher than normal values all over the Greek area and mainly over Northeastern mainland and the islands of eastern Aegean.

### 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/m<sup>2</sup>

### 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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