




# Climatic Bulletin

September 2020

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

In September a very deep barometric low affected Greece gradually between the 18<sup>th</sup> and the 20<sup>th</sup> of month. The very strong gale force winds caused a lot of damages mainly close to the coastlines.

The main characteristic was the long lasting intense rainfalls and thunderstorms which recorded over south Ionian, locally over central mainland (mainly in Karditsa, in Fthiotida and in Magnesia) and over West Crete as well. Specifically in Karditsa four human lives were lost due to ruinous floods.



# Temperature

### First 10-day period

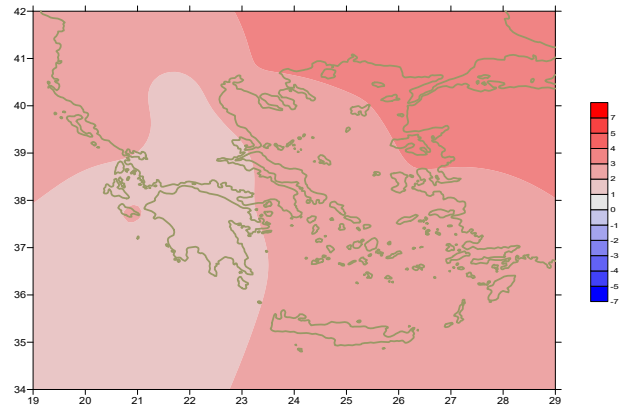
More specific (varied) :

**Minimum:**

from 6°C to 24°C over north mainland,  
 from 13°C to 25°C over central mainland,  
 from 17°C to 26°C over rest parts.

**Maximum:**

from 24°C to 36°C over north mainland,  
 from 27°C to 38°C over central mainland,  
 from 26°C to 38°C over rest parts.



*Deviation of mean temperature from normal values*

### Second 10-day period

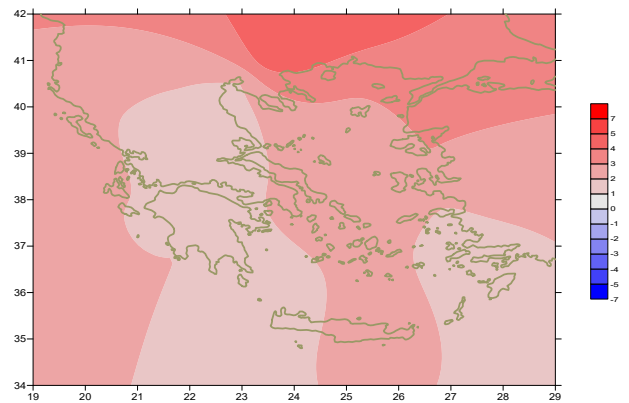
More specific (varied) :

**Minimum:**

from 8°C to 24°C over north mainland,  
 from 13°C to 25°C over central mainland,  
 from 18°C to 25°C over rest parts.

**Maximum:**

from 22°C to 36°C over north mainland,  
 from 22°C to 35°C over central mainland,  
 from 26°C to 34°C over rest parts.



*Deviation of maximum temperature from normal values*

### Third 10-day period

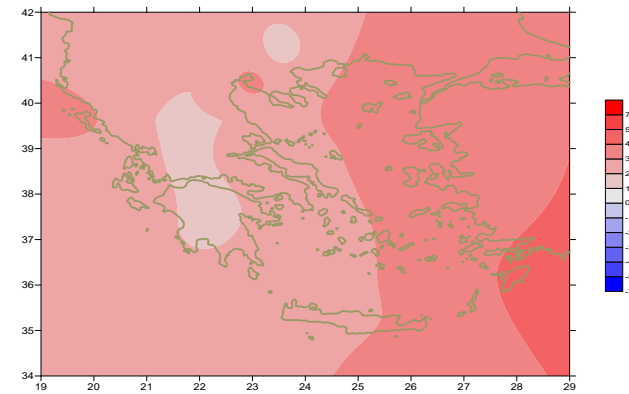
More specific (varied) :

**Minimum:**

from 5°C to 19°C over north mainland,  
 from 12°C to 22°C over central mainland,  
 from 15°C to 24°C over rest parts.

**Maximum:**

from 21°C to 33°C over north mainland,  
 from 22°C to 32°C over central mainland,  
 from 25°C to 36°C over rest parts.



*Deviation of minimum temperature from normal values*



## P r e c i p i t a t i o n

### First 10-day period

Locally very low amounts of precipitation.

More specific:

2mm in Xanthi (4/9)

### Second 10-day period

Locally very high amounts of precipitation, mainly between 18-20/9

More specific:

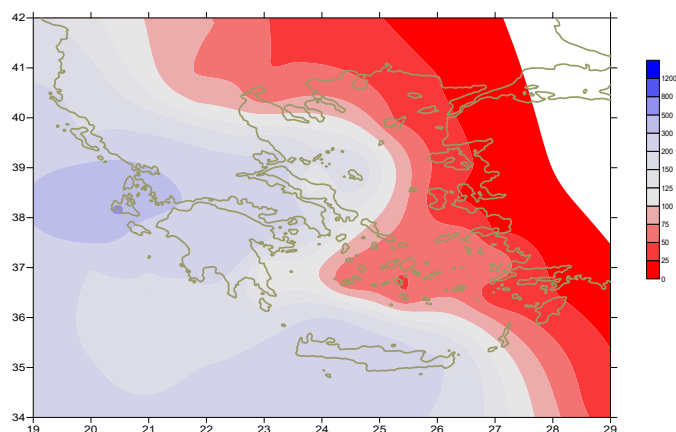
29mm in Argostoli, 26mm in Adravida (17/9),  
62mm in Preveza, 67mm in Argostoli, 37mm in Zakynthos,  
38mm in Kalamata, 49mm in Antirio, 62mm in Messologi,  
44mm in Aghialos, 31mm in Tripoli, 25mm in Araxos (18/9),  
39mm in Heraklion, 19mm in Mikonos, 17mm in Siros,  
20mm in Hellinikon, 29mm in Tripoli, 14mm in Tatoi,  
12mm in Paros, 13mm in Tanagra (19/9),  
99mm in Kasteli/Kissamos (20/9).

### Third 10-day period

Remarkable amounts of precipitation locally over west and north parts.

More specific:

23mm in Ioannina, 45mm in Kerkira, 30mm in Othonoi (23/9),  
40mm in Argostoli, 32mm in Kerkira (24/9),  
29mm in Preveza, 47mm in Ioannina, 47mm in Konitsa,  
19mm in Araxos (26/9),  
64mm in Messologi, 54mm in Araxos, 50mm in Antirio, 18mm in Tithorea,  
33mm in Skiros (28/9), 31mm in Preveza (29/9) .



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

TABLE OF MEAN VALUES

STATION	Longitude	Latitude	Tmean	TX	TN	RR	INST
RRES	23,53	41,07	24,7	32,8	15,9	2	252
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	20,6	27,4	11,9	24	252
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	24,7	29,3	18,3	13	279
CHRYSOUPOLI	24,62	40,92					
ALEXANDROUPOLI	25,95	40,85	24,8	30,1	17,9		297
KOZANI	21,83	40,28	21,1	27,2	14,5	24	
KERKYRA	19,92	39,62	25,1	30,2	19,7	128	257
IOANNINA	20,82	39,70	22,6	29	14,4	107	212
PREVEZA	20,76	38,91					
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	23,9	29,8	16,1	42	234
LIMNOS	25,23	39,92	24,2	27,9	20,2	6	285
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	24,1	28,9	18	54	275
MYTILINI	26,60	39,05	26,2	29,7	22	0	289
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	24,7	30,4	17,7	97	253
SKYROS	24,48	38,96	24,3	26,9	21,8	33	268
ARGOSTOLI	20,50	38,12	25,2	29	21,1	161	267
ARAXOS	21,42	38,15					
TANAGRA	23,57	38,33					
HIOS	26,13	38,35	25,5	28,8	20,8	0	302
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	21,8	27,8	13,4	67	261
TATOI	23,78	38,10	24,9	29	19	17	
HELLINIKO	23,73	37,90	26,5	30,4	22,2	20	302
ELEYSINA	23,55	38,07	26,8	30,7	22,5	2	
ZAKYNTHOS	20,88	37,75	25,9	29,5	21,1	56	277
SAMOS	26,92	37,68	26,6	30,5	22	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	24,8	30,8	18,1	71	263
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95					
KOS	27,08	36,80	26,1	29,9	23,2	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41					
SOUDA	24,12	35,55	25,2	29	21,1	8	279
RODOS	28,08	36,40	27,3	30	24,8		304
MYKONOS	25,35	37,43	25,4	28,4	22,8	13	
HRAKLEIO	25,18	35,33	25,9	28,8	22,2	46	279
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	28,3	20	99	270
KARPATOS	27,15	35,42					
PAROS	25,13	37,02	24,9	27,7	22,3	7	281
SYROS	24,95	37,42	25,2	28,1	22,6	17	288
IKARIA	26,35	37,68					

**TABLE OF DEVIATIONS  
FROM NORMAL VALUES**

STATION	TMEAN ( deviation ) (I)	PRECI (deviation % ) (II)
SERRES	3.1	10
FLORINA		
THESSALONIKI	2.9	50
ALEXANDROUPOLI	3.8	
KOZANI	1.6	73
KERKYRA	2.4	171
IOANNINA	2.3	195
LARISA	1.9	143
LIMNOS	2.8	31
AGHIALOS	1.9	173
MYTILINI	3.2	
AGRINIO		
SKYROS	2.2	184
ARGOSTOLI	1.7	537
ARAXOS		
HIOS	2.9	
HELLINIKO	2.2	206
ZAKYNTHOS	2.1	221
SAMOS	2.3	
KALAMATA	1.5	253
NAXOS		
METHONI		
SANTORINI		
SOUDA	2.2	43
RODOS	2.7	
HERAKLIO	2.4	236
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 enough than normal values locally over Ionian area, over mainland and Creta island as well. The mean temperature varied higher than normals everywhere.

### 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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