




Climatic Bulletin

September 2022

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

In September the temperature values had a remarkable variation but finally the mean values were higher than the normal ones.
Also significant precipitations recorded over west, central and north mainland and over Ionian sea area.



Temperature

First 10-day period

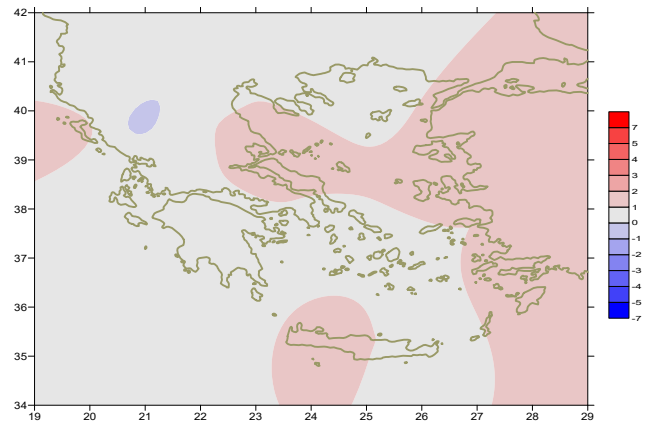
More specific (varied) :

Minimum:

from 10°C to 23°C over north mainland,
 from 12°C to 24°C over central mainland,
 from 15°C to 26°C over rest parts.

Maximum:

from 24°C to 34°C over north mainland,
 from 26°C to 34°C over central mainland,
 from 26°C to 32°C over rest parts.



Deviation of mean temperature from normal values

Second 10-day period

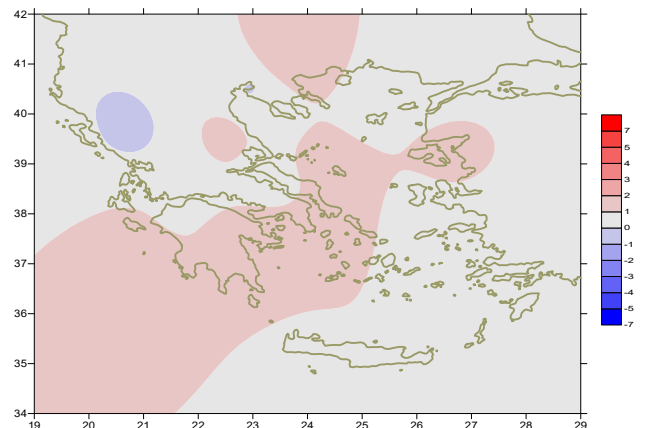
More specific (varied) :

Minimum:

from 2°C to 21°C over north mainland,
 from 8°C to 21°C over central mainland,
 from 13°C to 26°C over rest parts.

Maximum:

from 23°C to 36°C over north mainland,
 from 24°C to 39°C over central mainland,
 from 25°C to 32°C over rest parts.



Deviation of maximum temperature from normal values

Third 10-day period

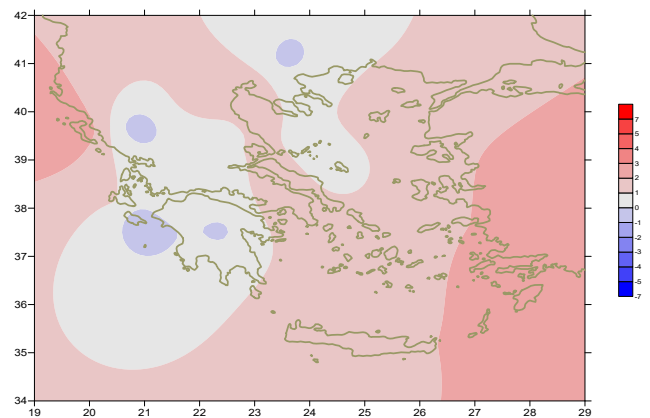
More specific (varied) :

Minimum:

from -1°C to 19°C over north mainland,
 from 6°C to 21°C over central mainland,
 from 10°C to 23°C over rest parts.

Maximum:

from 16°C to 32°C over north mainland,
 from 16°C to 31°C over central mainland,
 from 22°C to 30°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 significant amounts of precipitation.

More specific:

11mm in Edessa, 9mm in Ioannina, 20mm in Argostoli,
20mm in Sofades (2/9),
41mm in Thessaloniki, 17mm in Serres, 20mm in Edessa,
13mm in Kozani, 38mm in Aghialos, 58mm in Skiathos, 16mm in Tithorea,
20mm in Oreoi, 11mm in Tanagra (5/9).

Second 10-day period

Locally small amounts of precipitation over north parts .

More specific:

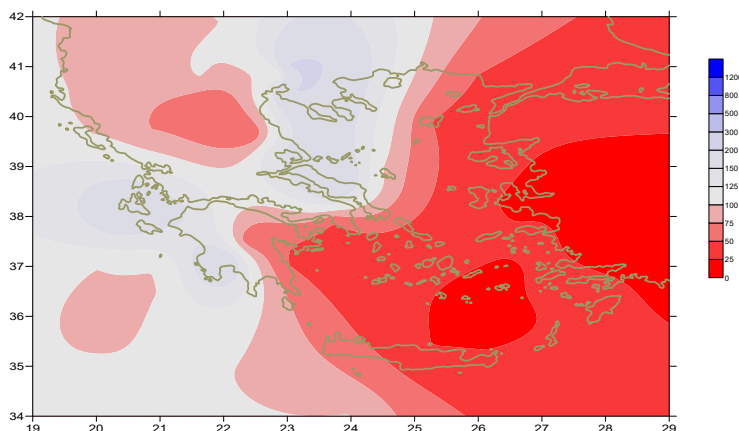
3mm in Thessaloniki (12/9),
7mm in Edessa, 17mm in Serres (17/9).

Third 10-day period

Locally large amounts of precipitation.

More specific:

10mm in Tithorea (21/9),
14mm in Astros, 12mm in Argos, 13mm in Leonidio (22/9),
10mm in Gavdos (23/9),
28mm in Preveza/Aktio, 14mm in Ioannina, 14mm in Argostoli,
26mm in Kerkira, 20mm in Zakynthos, 46mm in Kalamata (27/9),
27mm in Antirio, 35mm in Kerkira, 14mm in Argostoli (28/9),
11mm in Konitsa, 22mm in Adravidia, 24mm in Araxos,
20mm in Antirio (29/9).



**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	22,1	29,7	14	42	274
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	19	26,3	10,3	15	247
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	22,7	27,1	16,6	52	284
CHRYSOUPOLI	24,62	40,92	21,9	26,1	15,9	8	282
ALEXANDROUPOLI	25,95	40,85	21,9	26,8	15,3	12	276
KOZANI	21,83	40,28	19,6	26,1	14	14	
KERKYRA	19,92	39,62	23,9	28	19,1	72	276
IOANNINA	20,82	39,70	20,1	26,6	11,7	33	256
PREVEZA	20,76	38,91	24,2	28,2	18,2	57	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	23,2	30,1	14,9	10	264
LIMNOS	25,23	39,92	22,2	25,8	18,3	6	280
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	23,4	28,2	16,7	45	285
MYTILINI	26,60	39,05	24,5	28,2	20,4	0	293
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	24	28,8	17,7	28	302
SKYROS	24,48	38,96	23,2	26,1	19,1	14	274
ARGOSTOLI	20,50	38,12	24,1	27,7	20	53	310
ARAXOS	21,42	38,15	24,4	29	17,5	26	311
TANAGRA	23,57	38,33	23,7	28,7	16,6	23	301
HIOS	26,13	38,35	23,7	26,9	19,1	0	307
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	20,7	27,7	11,4	13	286
TATOI	23,78	38,10	23,1	28	17,2	2	
HELLINIKO	23,73	37,90	25	30	21,2	4	297
ELEYSINA	23,55	38,07	25,2	29,2	20	9	
ZAKYNTHOS	20,88	37,75	24,6	29	18,2	28	315
SAMOS	26,92	37,68	25,3	28,8	20,8	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	23,7	29,8	16,5	52	300
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	24,3	28,4	18,7		
KOS	27,08	36,80	24,9	29,4	21,6	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41					
SOUDA	24,12	35,55	24,2	28,1	20,1	5	287
RODOS	28,08	36,40	26	28,6	23,4	0	318
MYKONOS	25,35	37,43	24,1	26,9	21,6	0	
HRAKLEIO	25,18	35,33	24,5	27,4	20,3	1	312
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	24,3	27,4	21,8	0	281
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	22,7	27,1	18,2	4	287
KARPATIOS	27,15	35,42	25	27,8	23,4		
PAROS	25,13	37,02	24,2	27,4	21	0	296
SYROS	24,95	37,42	24,4	27,2	21,7		310
IKARIA	26,35	37,68					

11,314,58,13617810,214,16,45611,314,57,89612510,713,7820210,5165,88616112,715,410,232137

**TABLE OF DEVIATIONS
FROM NORMAL VALUES**

STATION	TMEAN (deviation (I)	PRECI (deviation %) (II)
SERRES	0,5	201
FLORINA		
THESSALONIKI	0,9	199
ALEXANDROUPOLI	0,9	39
KOZANI	0,1	43
KERKYRA	1,2	96
IOANNINA	-0,2	60
LARISA	1,2	34
LIMNOS	0,8	31
AGHIALOS	1,2	144
MYTILINI	1,5	-
AGRINIO		
SKYROS	1,1	78
ARGOSTOLI	0,6	177
ARAXOS	0,9	116
HIOS	1,1	-
HELLINIKO	0,7	41
ZAKYNTHOS	0,8	110
SAMOS	1	-
KALAMATA	0,4	185
NAXOS		
METHONI		
SANTORINI		
SOUDA	1,2	27
RODOS	1,4	-
HERAKLIO	1	5
SITIA	0,7	-

(I) deviation of mean temperature from normal values
 (II) deviation of monthly precipitation height from normal values %.

Climatic Bulletin

General Description

Precipitation amounts were lower enough than normal values over the most parts of east and south Aegean area and over few parts of Crete as well.
The mean temperature varied higher than normal values.

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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14 El.Venizelou 16777
Helliniko, Athens
Greece