



Climatic Bulletin

September
2018

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitatio
n**

 **Sunshine
duration**

September started with high temperatures and ended with very low ones.

Meanwhile during last week a rare bad weather event recorded which characterized by the appearance of northerly strong gale winds (25-28/9) over Aegean and by the outbreak of heavy rainfalls and thunderstorms (29-30/9). Mostly affected areas the eastern parts of Peloponnese and of central mainland.



Temperature

First 10-day period

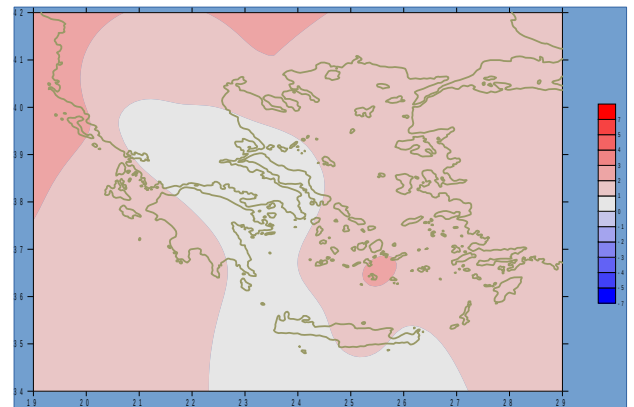
More specific (varied) :

Minimum:

from 9°C to 20°C over north mainland,
 from 12°C to 27°C over central mainland,
 from 12°C to 26°C over rest parts.

Maximum:

from 27°C to 37°C over north mainland,
 from 29°C to 38°C over central mainland,
 from 28°C to 37°C over rest parts.



Deviation of mean temperature from normal values

Second 10-day period

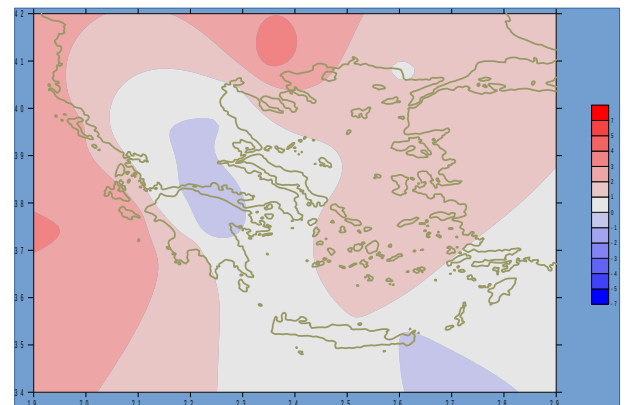
More specific (varied) :

Minimum:

from 7°C to 20°C over north mainland,
 from 12°C to 24°C over central mainland,
 from 11°C to 24°C over rest parts.

Maximum:

from 26°C to 33°C over north mainland,
 from 26°C to 32°C over central mainland,
 from 25°C to 35°C over rest parts.



Deviation of maximum temperature from normal values

Third 10-day period

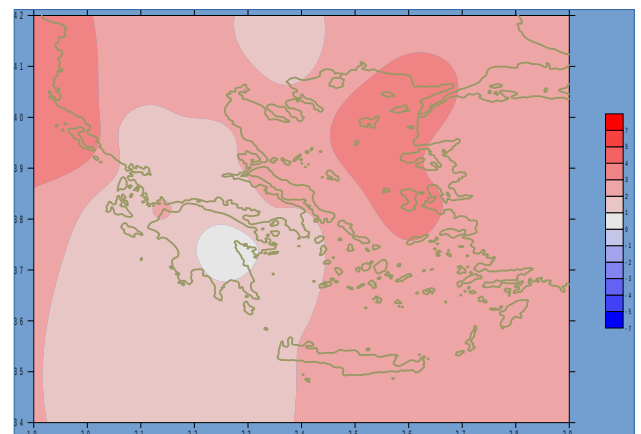
More specific (varied) :

Minimum:

from 2°C to 17°C over north mainland,
 from 8°C to 20°C over central mainland,
 from 9°C to 23°C over rest parts.

Maximum:

from 14°C to 33°C over north mainland,
 from 16°C to 32°C over central mainland,
 from 21°C to 33°C over rest parts.



Deviation of minimum temperature from normal values



Precipitation

First 10-day period

Locally remarkable precipitation.

More specific:

18mm in Chrissoupoli (5/9),
18mm in Ioannina, 7mm in Limnos,
41mm in Tatoi, 16mm in Elefsina, 22mm in Lavrio,
8mm in Spata, 8mm in Shinias (8/9).

Second 10-day period

Locally remarkable precipitation in the beginning.

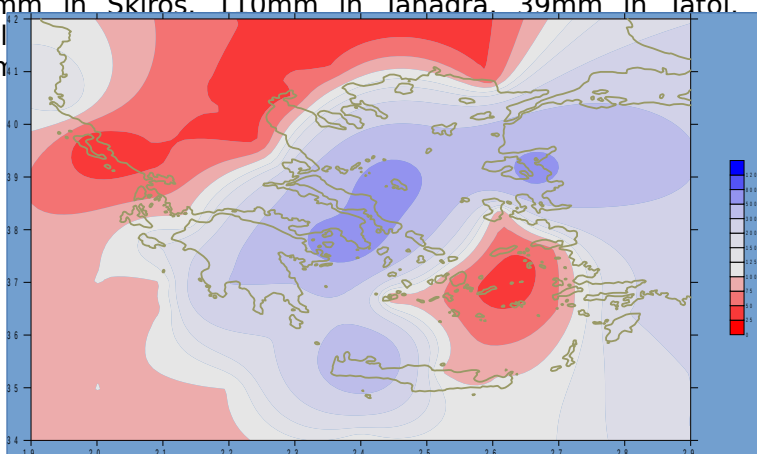
More specific:

7mm in Antirio (11/9), 7mm in Doxato (12/9),
7mm in Mitilini, 34mm in Souda, 12mm in Heraklion,
17mm in Kostas, 18mm in N.Filadelfia (13/9).

Extremely high amounts of precipitation mainly at the end.

More specific:

17mm in Souda (27/9),
27mm in Astros, 30mm in Leonidio, 25mm in Milos,
41mm in Souda, 47mm in στη Gaudos, 29mm in Paleochora (28/9),
29mm in Skiathos, 36mm in Astros, 18mm in Lamia, 17mm in
Adravida,
26mm in Argostoli, 21mm in Araxos, 39mm in Tanagra, 27mm in
Tatoi,
24mm in Hellinikon, 26mm in Elefsina, 25mm in Zakynthos, 90mm in
Argos,
51mm in Kalamata, 43mm in Leonidio, 37mm in Spata (29/9),
119mm in Skiathos, 30mm in Aghialos, 56mm in Mitilini, 44mm in
Lamia,
98mm in Skiros, 110mm in Tanagra, 39mm in Tatoi, 39mm in
Hellinikon (30/9).
65mm in Souda (30/9).



**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	23,6	31,4	14,6	2	250
FLORI NA	21,40	40,78					
KASTORI A	21,27	40,45	19,7	26,2	11,2	6	239
TRI KALA_ I MATHI AS	22,55	40,60					
THESSALONI KI	22,97	40,52	23,6	28,4	17,2	8	255
CHRYSOUPOLI	24,62	40,92	22,4	27,5	16,2	30	266
ALEXANDROUPOLI	25,95	40,85	22,7	27,3	16	14	252
KOZANI	21,83	40,28	20,7	25,7	12,8	13	
KERKYRA	19,92	39,62	25	29,9	19,5		294
I OANNI NA	20,82	39,70	20,9	27,3	13,4	25	232
PREVEZA	20,76	38,91	24,8	28,9	19,7	2	
TRI KALA_ THESSALI AS	21,77	39,52					
LARI SA	22,45	39,65	22,6	28,6	15,2	14	207
LI MNOS	25,23	39,92	22,9	26,6	18,8	46	253
ARTA	21,00	39,17					
AGHI ALOS	22,78	39,21	22,8	27,5	17,2	40	237
MYTI LI NI	26,60	39,05	24,6	28,3	20,6	65	286
VELO	22,77	37,97					
AGRI NI O	21,35	38,60					
LAMI A	22,43	38,87					
ANDRAVI DA	21,28	37,92	23,9	29	17,6	18	282
SKYROS	24,48	38,96	23,2	25,4	20,1	112	258
ARGOSTOLI	20,50	38,12	24,9	29,3	20,6	30	294
ARAXOS	21,42	38,15	24,6	28,8	18,5	24	275
TANAGRA	23,57	38,33	22,7	27,2	17,1	73	253
HI OS	26,13	38,35	24,4	27,5	19,8	14	271
PYRGOS	21,42	37,67					
TRI POLI	22,40	37,52	19,6	25,9	11,1	84	247
TATOI	23,78	38,10	22,6	27	17	122	
HELLI NI KO	23,73	37,90	25	28,9	20,6	75	280
ELEYSI NA	23,55	38,07	25,1	29	20,7	112	
ZAKYNTHOS	20,88	37,75	25,6	30,2	20,6	32	290
SAMOS	26,92	37,68	26	29,9	21,6	3	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	24,6	30,2	17,8	61	276
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	23,8	27,6	18,1	135	
KOS	27,08	36,80	25,2	29,3	21,7	4	
KYTHI RA	22,98	36,15					
SANTORI NI	25,41	36,41	24,8	27,5	21,7	2	288
SOUDA	24,12	35,55	23,6	27,5	19,8	96	270
RODOS	28,08	36,40	26,4	28,8	23,7	14	282
MYKONOS	25,35	37,43					
HRAKLEI O	25,18	35,33	24,9	27,3	21,3	17	286
I ERAPETRA	25,73	35,02					
SI TEI A	26,10	35,21	24,4	26,6	23,3	3	212
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	22,4	26,2	18,9	26	273
KARPATOS	27,15	35,42	25,6	28,1	23,5	10	
PAROS	25,13	37,02	24,2	26,8	21,2	5	272
SYROS	24,95	37,42	24,1	26,6	22		272
I KARI A	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	PRECI
	(deviation)	(deviation %)
	(I)	(II)
SERRES	2	10
FLORI NA		
THESSALONI KI	1,8	31
ALEXANDROUPOLI	1,7	45
KOZANI	1,2	40
KERKYRA	2,3	0
I OANNI NA	0,6	46
LARI SA	0,6	48
LI MNOS	1,5	235
AGHI ALOS	0,6	128
MYTI LI NI	1,6	608
AGRI NI O		
SKYROS	1,1	626
ARGOSTOLI	1,4	100
ARAXOS	1,1	107
HI OS	1,8	17
HELLI NI KO	0,7	773
ZAKYNTHOS	1,8	126
SAMOS	1,7	13
KALAMATA	1,3	217
NAXOS		
METHONI		
SANTORI NI	2,2	11
SOUDA	0,6	513
RODOS	1,8	197
HERAKLI O	1,4	87
SITIA	0,8	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 west and north parts while they were very higher over east and south ones. Meanwhile lack of precipitation recorded over Kerkira island, fact which had not happen for seventy two years. The mean temperature varied higher than normals almost 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, seasonal 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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