




Climatic Bulletin

August 2019

 Max
temperature

 Min
temperature

 Mean
temperature

 Precipitation

 Sunshine
duration

August was very hot from the beginning with max values of temperature up to 40 degrees Centigrade locally over north and central mainland climbing up to 43 degrees at met. station of Tithorea.

Meanwhile local thunderstorms recorded between 15th and 17th of the month while very strong to gale force north-northeastern winds prevailed over Aegean area during last ten days.



ΕΘΝΙΚΗ
ΜΕΤΕΩΡΟΛΟΓΙΚΗ
ΥΠΗΡΕΣΙΑ

HELLENIC NATIONAL METEOROLOGICAL SERVICE



Temperature

First 10-day period

More specific (varied) :

Minimum:

from 10°C to 26°C over north mainland,
 from 16°C to 27°C over central mainland,
 from 20°C to 28°C over rest parts.

Maximum:

from 29°C to 40°C over north mainland,
 from 30°C to 43°C over central mainland,
 from 27°C to 36°C over rest parts.

Second 10-day period

More specific (varied) :

Minimum:

from 8°C to 26°C over north mainland,
 from 16°C to 26°C over central mainland,
 from 18°C to 25°C over rest parts.

Maximum:

from 28°C to 39°C over north mainland,
 from 27°C to 39°C over central mainland,
 from 26°C to 34°C over rest parts.

Third 10-day period

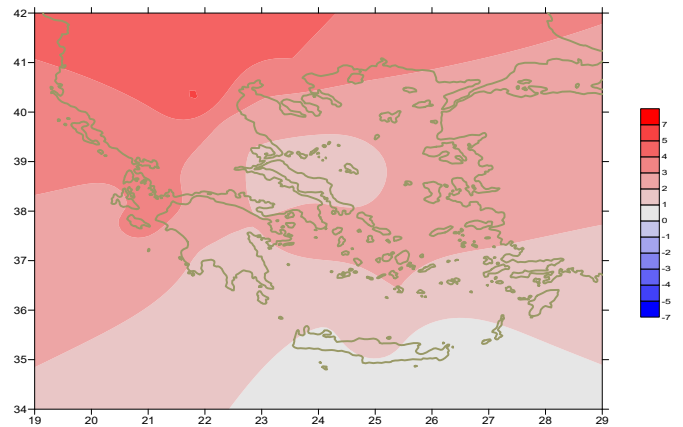
More specific (varied) :

Minimum:

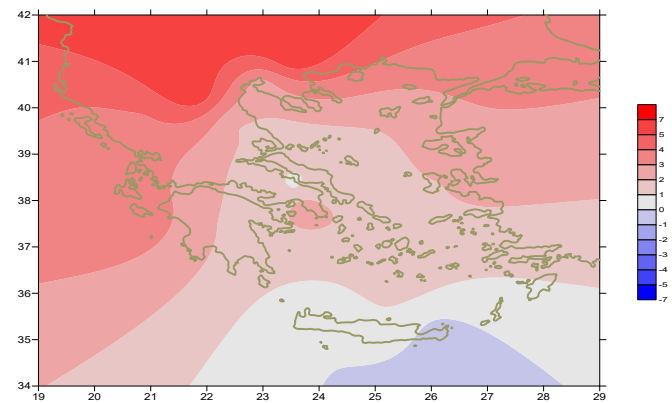
from 10°C to 26°C over north mainland,
 from 12°C to 28°C over central mainland,
 from 21°C to 28°C over rest parts.

Maximum:

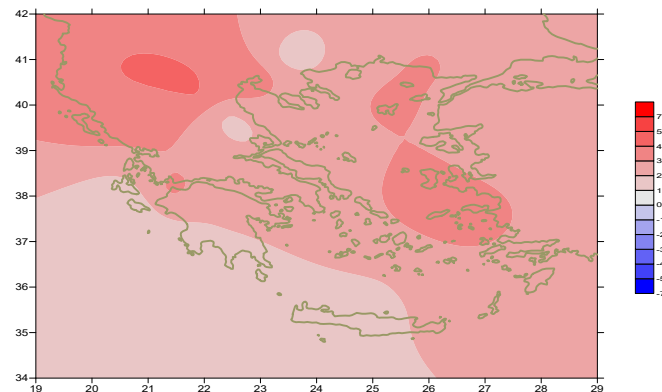
from 31°C to 40°C over north mainland,
 from 30°C to 38°C over central mainland,
 from 27°C to 35°C over rest parts.



Deviation of mean temperature from normal values



Deviation of maximum temperature from normal values



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 low amounts of precipitation.

More specific:

4mm in Ormenio (3/8),
2mm in Doxato, 2mm in Kavala,
4mm in Skiathos, 4mm in Tripoli (5/8),
2mm in Konitsa (9/8).

Second 10-day period

Locally significant amounts of precipitation.

More specific:

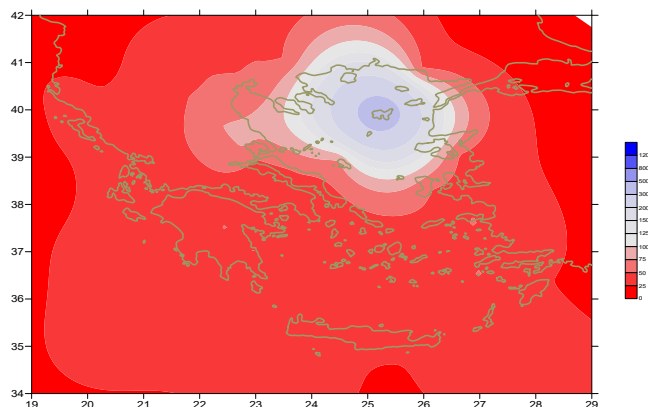
12mm in Serres, 3mm in Florina, 2mm in Kastoria,
5mm in Sofades (15/8),
8mm in Ormenio (16/8),
31mm in Limnos, 10mm in Larisa, 5mm in Skiathos, 7mm in Oreoi,
6mm in SKiros, 2mm in Alexandroupoli, 2mm in Kavala (17/8),
14mm in Sofades (20/8).

Third 10-day period

Locally low amounts of precipitation over north parts.

More specific:

4mm in Kastoria (27/8), 7mm in Kozani (28/8).



*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	28,9	37,2	18,9	12	346
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	25,6	32,9	14,7	6	347
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	29,1	33,4	21,8	0	357
CHRYSOUPOLI	24,62	40,92	27,5	32,5	20,3	9	357
ALEXANDROUPOLI	25,95	40,85	28,2	33,6	20,3	4	367
KOZANI	21,83	40,28	28,5	34,9	19,4	15	
KERKYRA	19,92	39,62	29,4	34,7	22,3	0	366
IOANNINA	20,82	39,70	27,5	34,5	18,5	0	333
PREVEZA	20,76	38,91	28,2	33,3	22,1	0	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	28,4	34,5	18,8	10	325
LIMNOS	25,23	39,92	27,1	30,5	23,1	31	378
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	27,9	32,5	20,3	12	363
MYTILINI	26,60	39,05	28,2	32,6	23,1	0	392
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	28,2	33,7	19,3	0	367
SKYROS	24,48	38,96	26,3	28,5	23,5	6	343
ARGOSTOLI	20,50	38,12	28,6	32,7	22,4	0	368
ARAXOS	21,42	38,15	29,8	34,3	22,5	0	364
TANAGRA	23,57	38,33	27,9	32,3	20,3	0	372
HIOS	26,13	38,35	28	31,2	24,4	0	372
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	25,9	31,7	16,7	4	355
TATOI	23,78	38,10	28,1	32,3	22,6	0	
HELLINIKO	23,73	37,90	30,1	33,8	25,1	0	382
ELEYSINA	23,55	38,07	30,4	34,6	25,5	0	
ZAKYNTHOS	20,88	37,75	29,9	34,5	22,6	0	390
SAMOS	26,92	37,68	29,9	33,9	25,2	0	
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	28	33,3	19,8	0	361
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	28,5	31,7	23,4		
KOS	27,08	36,80	27,1	31,5	23,7	0	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	26,8	29,7	23,8	0	356
SOUDA	24,12	35,55	26,7	29,9	22,2	0	373
RODOS	28,08	36,40	28,5	31,7	25,2	0	370
MYKONOS	25,35	37,43	25,9	28,3	23	0	
HRAKLEIO	25,18	35,33	27,2	29,2	23,3	0	373
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	26	28,1	24,6	0	301
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTEI	25,33	35,18	25,2	28,9	21,8	0	345
KARPATOS	27,15	35,42	26,4	29,7	24,2	0	
PAROS	25,13	37,02	26,4	29,2	23,4	0	363
SYROS	24,95	37,42	26,9	29,1	24	0	363
IKARIA	26,35	37,68					

**TABLE OF DEVIATIONS
FROM NORMAL VALUES**

STATION	TMEAN (deviation) (I)	PRECI (deviation %) (II)
SERRES	4	42
FLORINA		
THESSALONIKI	3.3	0
ALEXANDROUPOLI	3	38
KOZANI	5.1	48
KERKYRA	3.3	0
IOANNINA	3.3	0
LARISA	2.4	65
LIMNOS	2.5	413
AGHIALOS	2	65
MYTILINI	2.3	0
AGRINIO		
SKYROS	1.5	58
ARGOSTOLI	2.9	0
ARAXOS	3.2	0
HIOS	2.4	0
HELLINIKO	2.5	0
ZAKYNTHOS	3.3	0
SAMOS	2.2	0
KALAMATA	1.8	0
NAXOS		
METHONI		
SANTORINI	2	0
SOUDA	0.9	0
RODOS	1.6	0
HERAKLIO	1.3	0
SITIA	0.2	0

(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 most parts.
The mean temperature varied higher than normals mainly over west and north country.

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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