




# Climatic Bulletin

July 2022

 **Max  
temperature**

 **Min  
temperature**

 **Mean  
temperature**

 **Precipitation**

 **Sunshine  
duration**

July was a warm month for the whole area. Also it was a very rainy month for the most parts of the country with the exception of the south Aegean area and Crete. Meanwhile strong thunderstorms caused floods and local damages. In parallel the precipitation values measured in the Met. Stations of Kalamata and Skiros set up extreme records for a long period.



# Temperature

### First 10-day period

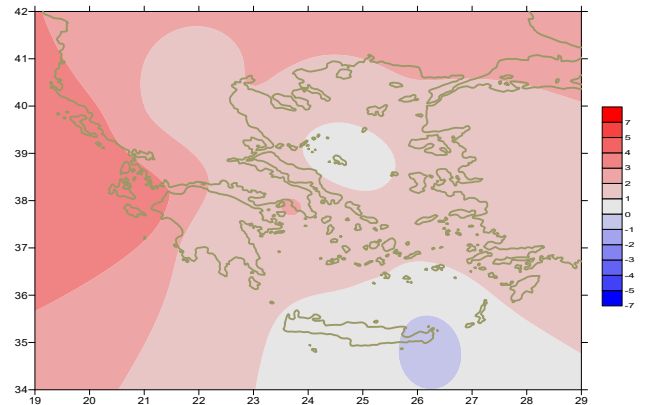
More specific (varied) :

**Minimum:**

from 11°C to 23°C over north mainland,  
 from 14°C to 26°C over central mainland,  
 from 21°C to 25°C over rest parts.

**Maximum:**

from 22°C to 37.5°C over north mainland,  
 from 26°C to 36°C over central mainland,  
 from 25°C to 34°C over rest parts.



*Deviation of mean temperature from normal values*

### Second 10-day period

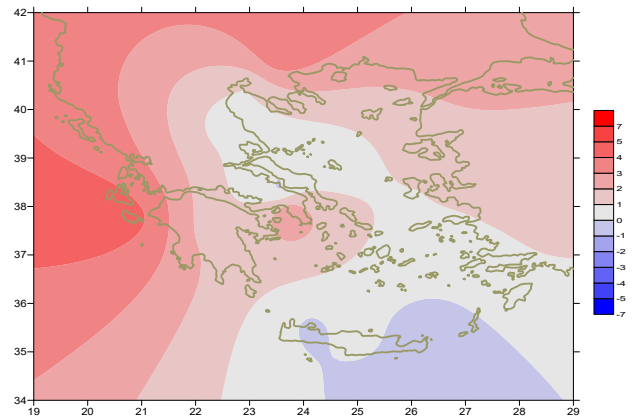
More specific (varied) :

**Minimum:**

from 8°C to 23°C over north mainland,  
 from 13°C to 26°C over central mainland,  
 from 20°C to 26°C over rest parts.

**Maximum:**

from 25°C to 39°C over north mainland,  
 from 25°C to 37°C over central mainland,  
 from 24°C to 35°C over rest parts.



*Deviation of maximum temperature from normal values*

### Third 10-day period

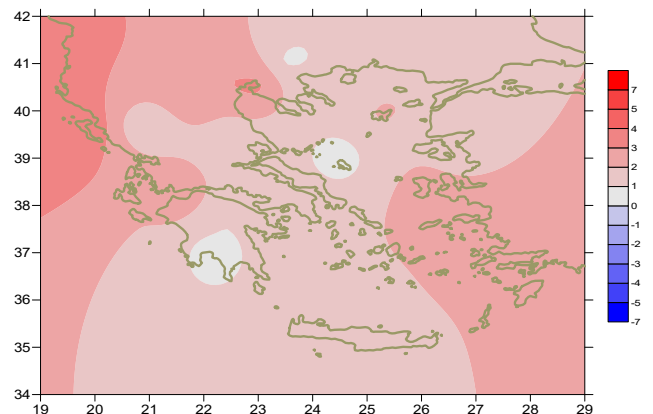
More specific (varied) :

**Minimum:**

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

**Maximum:**

from 32°C to 40°C over north mainland,  
 from 31°C to 41°C over central mainland,  
 from 27°C to 37°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 (high record in Skiros).

More specific:

20mm in Kranea (1/7),  
 15mm in Ioannina (5/7),  
 14mm in Kastoria, 80mm in Edessa, 34mm in Kranea (7/7),  
 52mm in Kavala (TEI), 36mm in Doxato, 31mm in Thessaloniki,  
 11mm in Kozani, 25mm in Larisa, 23mm in Aghialos, 33mm in Oreoi,  
 108mm in Skiathos, 117mm in Skiros, 18mm in Tanagra, 12mm in Tripoli,  
 10mm in Tatoi, 25mm in Larisa (9/7).

### Second 10-day period

Locally significant amounts of precipitation, mainly over west mainland (high record in Kalamata).

More specific:

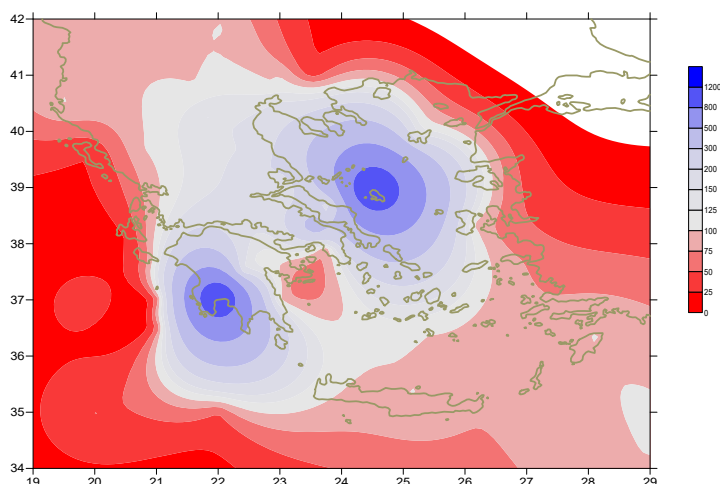
88mm in Kalamata, 10mm in Tripoli,  
 3mm in Argos, 4mm in Leonidio (13/7),  
 8mm in Ioannina (17/7).

### Third 10-day period

Locally small amounts of precipitation.

More specific:

5mm in Doxato, 2mm in Limnos (25/7),  
 18mm in Kozani, 7mm in Ioannina, 2mm in Kos (28/7).



*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	28,2	35,9	19,2	7	326
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	25	31,4	15,2	25	321
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	28,6	32,5	21,7	37	378
CHRYSOUPOLI	24,62	40,92	26,7	30,8	19,7	18	350
ALEXANDROUPOLI	25,95	40,85	27,8	32,4	19,3		373
KOZANI	21,83	40,28	25	30,9	18,5	44	
KERKYRA	19,92	39,62	29,9	34,5	22,3		380
IOANNINA	20,82	39,70	27,1	33,9	15,8	23	352
PREVEZA	20,76	38,91	28,2	32,5	22		
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	28,5	33,6	19,1	31	311
LIMNOS	25,23	39,92	26,9	30,4	21,8	13	381
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	27,8	31,8	20	31	366
MYTILINI	26,60	39,05	27,7	32	23		383
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	287	33,2	19,6	0	397
SKYROS	24,48	38,96	25,6	27,9	21,9	118	364
ARGOSTOLI	20,50	38,12	29,1	32,9	23,2		398
ARAXOS	21,42	38,15	29,7	34,2	21,6	0	392
TANAGRA	23,57	38,33	28	31,9	19,8	27	395
HIOS	26,13	38,35	27,6	31	23,6	0	386
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	25,8	31,2	15,3	30	345
TATOI	23,78	38,10	28,1	31,8	23,1	13	
HELLINIKO	23,73	37,90	30	34,5	24,7	3	391
ELEYSINA	23,55	38,07	30,5	34,3	25	4	
ZAKYNTHOS	20,88	37,75	30,5	35,1	22,5		414
SAMOS	26,92	37,68	30	33,4	24,8		
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	27,9	33,3	18,9	88	389
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	28,2	31,5	22,6	6	
KOS	27,08	36,80	27,4	31,5	23,7		
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	26,4	28,8	23,6		370
SOUDA	24,12	35,55	27,2	30,1	22,3	0	399
RODOS	28,08	36,40	28,6	31,3	25	0	406
MYKONOS	25,35	37,43	26,1	28,3	22,9		
HRAKLEIO	25,18	35,33	26,8	29	23,4		388
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	25,5	27,7	23,9	0	373
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	24,6	27,7	21,5	2	344
KARPATIOS	27,15	35,42	25,1	28	23,3		
PAROS	25,13	37,02	25,9	28,7	22,5		364
SYROS	24,95	37,42	26,8	29,4	23,4	0	376
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**

<b>STATION</b>	<b>TMEAN ( deviation ) (I)</b>	<b>PRECI (deviation % ) (II)</b>
SERRES	2,1	22
FLORINA		
THESSALONIKI	2,1	145
ALEXANDROUPOLI	2,2	-
KOZANI	1	113
KERKYRA	3,5	-
IOANNINA	2,3	81
LARISA	1,4	153
LIMNOS	1,4	126
AGHIALOS	1,1	174
MYTILINI	1,3	-
AGRINIO		
SKYROS	0,3	2000
ARGOSTOLI	3,6	-
ARAXOS	3,1	-
HIOS	1,2	-
HELLINIKO	2,2	54
ZAKYNTHOS	3,8	-
SAMOS	1,6	-
KALAMATA	1,4	2514
NAXOS		
METHONI		
SANTORINI	1	-
SOUDA	0,8	-
RODOS	1,7	-
HERAKLIO	0,7	-
SITIA	-0,5	-

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

# Climatic Bulletin

## General Description

Precipitation amounts were very higher than normal values over the most parts of central and north mainland while lack of precipitation recorded over south Aegean area and Crete. The mean temperature varied higher enough than normal values over the west parts of Greece.

### 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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