




Climatic Bulletin

May 2022

 **Max
temperature**

 **Min
temperature**

 **Mean
temperature**

 **Precipitation**

 **Sunshine
duration**

May was a relatively warm month.
Also it was a dry one mainly over south Aegean area.
In the middle of the period (18-19/5) strong gale
force winds affected a few areas.



Temperature

First 10-day period

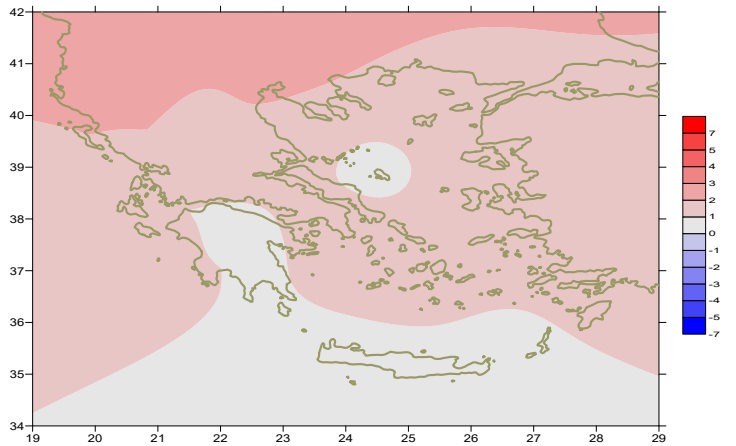
More specific (varied) :

Minimum:

from 2.5°C to 13°C over north mainland,
 from 5.5°C to 16°C over central mainland,
 from 7°C to 17°C over rest parts.

Maximum:

from 13°C to 28°C over north mainland,
 from 14°C to 26°C over central mainland,
 from 17°C to 24°C over rest parts.



Deviation of mean temperature from normal values

Second 10-day period

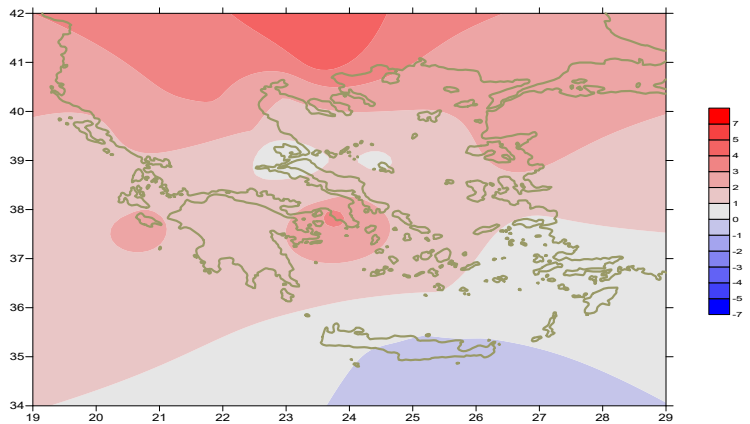
More specific (varied) :

Minimum:

from 1.5°C to 17°C over north mainland,
 from 5°C to 19°C over central mainland,
 from 9°C to 19°C over rest parts.

Maximum:

from 21°C to 33°C over north mainland,
 from 18°C to 32°C over central mainland,
 from 18°C to 29°C over rest parts.



Deviation of maximum temperature from normal values

Third 10-day period

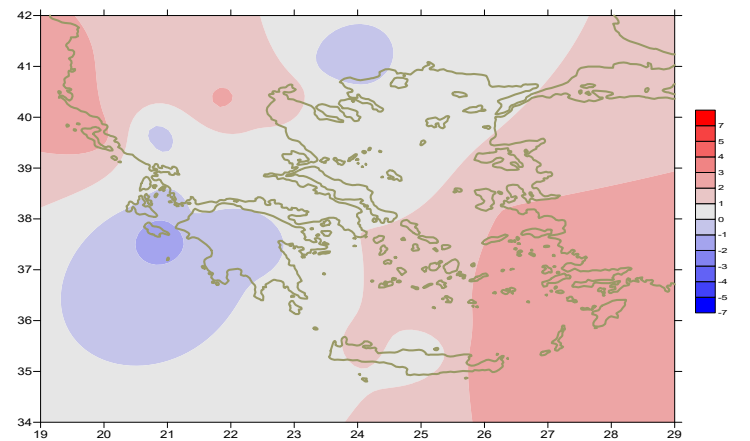
More specific (varied) :

Minimum:

from 3°C to 21°C over north mainland,
 from 8°C to 21°C over central mainland,
 from 9°C to 24°C over rest parts.

Maximum:

from 21°C to 33°C over north mainland,
 from 23°C to 38°C over central mainland,
 from 23°C to 33°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

Significant amounts of precipitation locally over mainland.

More specific:

13mm in Edessa, 9mm in Kozani, 8mm in Konitsa (1/5),
10mm in Kerkira, 11mm in Kastoria, 13mm in Kalamata,
11mm in Tripoli, 10mm in Argos (2/5),
5mm in Doxato, 5mm in Serres (3/5),
9mm in Kozani, 5mm in Kranea,
6mm in Konitsa, 6mm in Aghialos (4/5).

Second 10-day period

Locally significant amounts of precipitation in the middle of the period.

More specific:

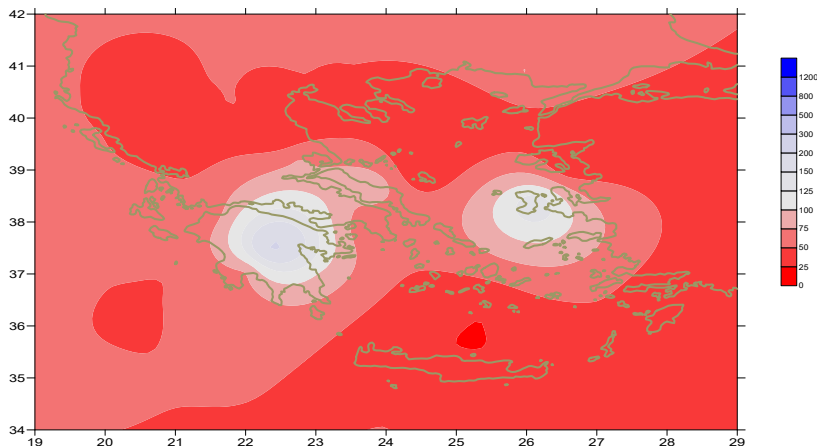
6mm in Kozani, 7mm in Kastoria (14/5),
19mm in Alexandroupoli, 22mm in Sofades, 11mm in Doxato (18/5),
14mm in Aghialos, 12mm in Tithorea, 28mm in Oreoi,
15mm in Chios, 11mm in Tanagra, 17mm in N.Filadelfia (19/5),
6mm in Kos (20/5).

Third 10-day period

Locally small amounts of precipitation.

More specific:

66mm in Kranea (22/5), 5mm in Edessa (25/5),
8mm in Serres (28/5),
13mm in Edessa, 14mm in Preveza, 8mm in Tripoli,
10mm in Argostoli (29/5),
10mm in Mesologji, 6mm in Araxos (30/5),
6mm in Serres, 5mm in Alexandroupoli (31/5).



*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	21,8	29,9	12,1	23	294
FLORINA	21,40	40,78					
KASTORIA	21,27	40,45	18,7	25,5	9,2	28	269
TRIKALA_IMATHIAS	22,55	40,60					
THESSALONIKI	22,97	40,52	21,6	26,6	13,2	10	321
CHRYSOUPOLI	24,62	40,92	19,9	23,9	13,3	8	316
ALEXANDROUPOLI	25,95	40,85	20,1	24,7	11,7	26	314
KOZANI	21,83	40,28	18,7	24,8	11,5	29	
KERKYRA	19,92	39,62	21,6	25,5	15,4	13	322
IOANNINA	20,82	39,70	19,4	25,9	9,1	20	259
PREVEZA	20,76	38,91	20,3	24,4	14,4	24	
TRIKALA_THESSALIAS	21,77	39,52					
LARISA	22,45	39,65	21,5	27,8	11,6	9	262
LIMNOS	25,23	39,92	19,9	23,8	13,4		343
ARTA	21,00	39,17					
AGHIALOS	22,78	39,21	20,5	24,7	12,6	25	306
MYTILINI	26,60	39,05	22	26,3	16,6		333
VELO	22,77	37,97					
AGRINIO	21,35	38,60					
LAMIA	22,43	38,87					
ANDRAVIDA	21,28	37,92	20,6	25,5	12,7	6	316
SKYROS	24,48	38,96	19,8	22,7	15,1	2	319
ARGOSTOLI	20,50	38,12	20,6	24,3	14,7	14	329
ARAXOS	21,42	38,15	20,8	25,1	13,1	10	331
TANAGRA	23,57	38,33	21,2	26,4	12	16	322
HIOS	26,13	38,35	21,1	24,3	15,2	15	270
PYRGOS	21,42	37,67					
TRIPOLI	22,40	37,52	17,5	24,2	7,6	76	292
TATOI	23,78	38,10	21,3	25,9	13,6	6	
HELLINIKO	23,73	37,90	22,3	27,4	16,8	3	327
ELEYSINA	23,55	38,07	22,7	27	16,1	7	
ZAKYNTHOS	20,88	37,75	21,5	25,8	12,7	8	335
SAMOS	26,92	37,68	21,7	25,3	16,5		
ARGOS	22,75	37,63					
KALAMATA	22,02	37,07	20,8	25,9	12,3	17	338
NAXOS	25,37	37,10					
METHONI	21,70	36,82					
MHLOS	24,43	36,73					
SPATA	23,95	37,95	21,3	25,5	14	6	
KOS	27,08	36,80	21,1	24,7	17,5	6	
KYTHIRA	22,98	36,15					
SANTORINI	25,41	36,41	20,8	23,2	17,4		300
SOUDA	24,12	35,55	20,7	24,6	15,7	2	332
RODOS	28,08	36,40	22	24,8	18,4		352
MYKONOS	25,35	37,43	20,6	23,5	16,9		
HRAKLEIO	25,18	35,33	20,7	23,4	15,4	1	336
IERAPETRA	25,73	35,02					
SITEIA	26,10	35,21	20,3	23,7	18,3		305
RETHYMNO	24,50	35,36					
TYMPAKI	24,76	35,06					
KASTELI	25,33	35,18	19,9	24,3	13,5	4	291
KARPATIOS	27,15	35,42	20,8	23,9	18,9		
PAROS	25,13	37,02	20,4	24,2	16,2		313
SYROS	24,95	37,42	20,7	23,8	17		319
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	2.3	47
FLORINA		
THESSALONIKI	2.1	23
ALEXANDROUPOLI	1.8	72
KOZANI	1.9	50
KERKYRA	2	36
IOANNINA	2	30
LARISA	1.9	24
LIMNOS	1.5	0
AGHIALOS	1	67
MYTILINI	1.8	0
AGRINIO		
SKYROS	0.5	11
ARGOSTOLI	1.1	74
ARAXOS	1	54
HIOS	1.6	128
HELLINIKO	1.7	21
ZAKYNTHOS	1.7	47
SAMOS	1.2	
KALAMATA	1	75
NAXOS		
METHONI		
SANTORINI	1.6	1
SOUDA	0.7	15
RODOS	1.5	1
HERAKLIO	0.4	7
SITIA	0.1	1

(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 almost everywhere.
The mean temperature varied higher than normal values mainly over mainland and Ionian area.

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 :

T_{mean} : 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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