

**MINISTRY OF AGRICULTURE,
RURAL DEVELOPMENT AND ENVIRONMENT
DEPARTMENT OF METEOROLOGY
CY-1418 NICOSIA**

8 October 2020

MONTHLY WEATHER REPORT

THE WEATHER IN SEPTEMBER 2020

General Weather Conditions: In September the weather was extremely dry and hot. Unstable weather conditions occurred on the 21st and on the 25th of the month, giving isolated showers. The mean air temperature was about 3.5°C above normal and the area average precipitation was 0.2mm i.e. 4% of normal.

Severe Weather conditions: During the periods 1-5, 7-11 and 15-17 and on the 29th of September extremely high temperatures were recorded almost in all areas of Cyprus.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in September was about 0.2mm i.e. 4% of normal. The mean rainfall ranged from 0% to 125% (Lefkara) of normal.

The cumulative area average precipitation during the period October 2019-September 2020 was about 626.5mm, i.e. 125% of normal. The cumulative precipitation was above normal almost in all areas of Cyprus, ranging from 92% (Paphos Airport) to 156% (Larnaka Airport) of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 3.5°C above normal. The mean daily temperatures were above normal for all days of the month. Extremely high temperatures were recorded during the periods 1-5, 7-11 and 15-17 and on the 29th of the month, when maximum temperatures were about 5°C to 12°C above normal. Heat wave conditions (maximum daily temperature above 40°C) prevailed on the 1st, during the periods 3-5 and 8-11 and on the 29th of the month. Maximum temperatures exceeded 34°C in Athalassa on 29 occasions, 31°C in Larnaka Airport on 30 occasions and in Prodromos they exceeded 24°C on 30 occasions. Most stations recorded their highest maximum temperature on the 4th and on the 10th of the month and their lowest minimum temperature during the period 26-27 and on the 30th of the month.

The 5-day averages of air temperature and their deviations from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

SEPTEMBER 2020

FIVE-DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (°C)

Table 1

MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	41	6	35	3	32	3	35	8	5
6--10	40	6	35	4	33	4	32	7	5
11--15	38	4	33	2	32	3	29	4	3
16--20	38	4	34	3	31	2	30	5	4
21--25	36	3	32	2	31	2	27	4	3
26--30	37	4	34	4	31	2	29	6	4
MONTH	38	5	34	3	32	3	30	6	4

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	23	3	24	3	22	2	22	6	4
6--10	22	3	24	4	22	2	21	6	4
11--15	21	2	23	3	22	3	16	1	2
16--20	20	1	23	3	21	2	18	3	2
21--25	19	1	22	3	21	2	15	1	2
26--30	20	2	22	4	21	3	17	3	3
MONTH	21	2	23	3	21	2	18	3	3

Normal Period for Temperature: 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPERAT.	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE
HIGHEST MAXIMUM	45.3	4	38.9	10	34.8	10	38.2	4
LOWEST MINIMUM	17.1	26	20.9	26	19.7	24, 27	13.3	30