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

20 September 2022

## MONTHLY WEATHER REPORT

## **THE WEATHER IN AUGUST 2022**

General Weather Conditions: In August the weather was normal to relatively hot and dry. Unstable weather conditions occurred on the 20<sup>th</sup>, 21<sup>st</sup> and 25<sup>th</sup> of the month, giving isolated thundery showers inland and over mountains. The mean air temperature was about 0.5°C above normal and the area average precipitation was 0.8mm i.e 28% of normal.

<u>Severe weather Conditions</u>: On the 20<sup>th</sup> of August a tornado was reported in Aglandjia but with no report of damages. Relatively high temperatures were recorded some days almost in all areas of Cyprus.

<u>Precipitation (normal period: 1961-1990):</u> According to preliminary estimates, the area average precipitation in August was 0.8mm i.e. 28% of normal. Monthly precipitation ranged from 0% to 186% (Ag. Theodoros Agrou) of normal.

The cumulative area average precipitation during the period October 2021 - August 2022 was about 508.2mm, i.e. 102% of normal. The cumulative precipitation was below normal in all areas, generally ranging from 77% (Palaichori) to 126% (Vavla) of normal.

Temperature (normal period: 1981-2010): The mean air temperature for the month was about 0.5° C above normal. Mean daily temperatures were below normal during the periods 7-13, 15-16 and 22-27 of the month, while during the rest of the month they were above or around normal. Mainly high temperatures were recorded on the 1<sup>st</sup>, 5<sup>th</sup>, 18<sup>th</sup> and 21<sup>st</sup> and during the periods 29-31 of the month, where maximum temperatures were about 3°C above normal. No heat wave conditions (maximum daily temperature above 40°C) were occurred. Maximum temperatures exceeded 37°C at Athalassa in 18 occasions, 33°C at Larnaka Airport in 13 occasions and at Prodromos they exceeded 27°C in 24 occasions (the whole month). Most stations recorded their highest maximum temperature on the 5<sup>th</sup>, 10<sup>th</sup> and 16<sup>th</sup> of the month and their lowest minimum temperature on the 9<sup>th</sup> and during the period 17-18<sup>th</sup> 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.

				AUGUST	2022				
	FIVE-DAY	TEMPER	ATURES A	ND DEVIATIO		NORMAL	( oC )		
Table 4				Prelimina	ry Data				
Table 1			M		M AVIMI IN	1			
STATION	ATHAL	122A	MEAN DAILY MAXIMUM  LARNAKA AIRPORT PAFOS AIRPORT PRODROMOS					20MOS	
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	MEAN DEV.
15	40	2	33	0	31	1	32	4	2
610	37	0	33	0	31	1	28	-1	0
1115	38	0	33	0	31	0	29	0	0
1620	39	2	33	0	31	0	31	2	1
2125	36	-1	33	0	31	0	29	1	0
26-31	37	1	33	1	30	0	30	3	1
MONTH	38	1	33	0	31	0	30	2	1
			М	EAN DAILV					
	1		IVII	EAN DAILY	WINIWUW		ı		1
STATION	ATHAL	_ASSA	I	A AIRPORT			PRODE	ROMOS	MEAN DEV.
STATION DATES	ATHAL ACTUAL	ASSA DEV.	I				PRODE ACTUAL	ROMOS DEV.	MEAN DEV.
			LARNAK	A AIRPORT	PAFOS A	NRPORT			MEAN DEV.
DATES	ACTUAL	DEV.	LARNAK	A AIRPORT DEV.	PAFOS A	NRPORT DEV.	ACTUAL	DEV.	
<b>DATES</b> 15	ACTUAL 22	<b>DEV.</b>	ACTUAL 24	A AIRPORT DEV.	PAFOS A ACTUAL	DEV.	ACTUAL 21	<b>DEV</b> .	1
15 610	22 21	<b>DEV.</b> 0 -2	LARNAK ACTUAL 24 23	A AIRPORT  DEV.  1 0	PAFOS A ACTUAL 23 23	DEV. 2 2	21 16	<b>DEV.</b> 2 -2	1 -1
DATES  15  610  1115  1620  2125	22 21 21 21 21 21	<b>DEV.</b> 0 -2 -1 -1 0	24 23 23 23 24 24	A AIRPORT  DEV.  1  0  1  1  1	PAFOS A ACTUAL 23 23 23 23 22 23	DEV.  2  2  2  1  2	21 16 17 18 19	DEV. 2 -2 -2 0 1	1 -1 0 0 1
15 610 1115 1620 2125 26-31	22 21 21 21 21 21 21 22	DEV.  0 -2 -1 -1 0	24 23 23 23 23 24 24	A AIRPORT  DEV.  1  0  1  1  1  2	PAFOS A ACTUAL 23 23 23 23 22 23 23 23	DEV.  2  2  2  1  2  2	21 16 17 18 19	DEV.  2 -2 -2 0 1 2	1 -1 0 0 1 1 2
DATES  15  610  1115  1620  2125	22 21 21 21 21 21	<b>DEV.</b> 0 -2 -1 -1 0	24 23 23 23 24 24	A AIRPORT  DEV.  1  0  1  1  1	PAFOS A ACTUAL 23 23 23 23 22 23	DEV.  2  2  2  1  2	21 16 17 18 19	DEV. 2 -2 -2 0 1	1 -1 0 0 1
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