

AREA AVERAGE PRECIPITATION (mm), DRY SPELLS AND STANDARDIZED PRECIPITATION INDEX (SPI) PER HYDROLOGICAL REGION

MONTH: JULY 2023

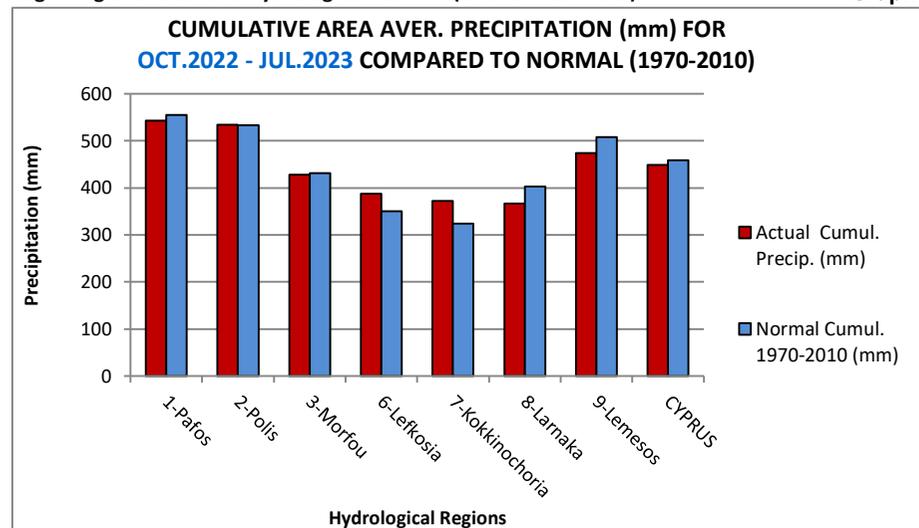
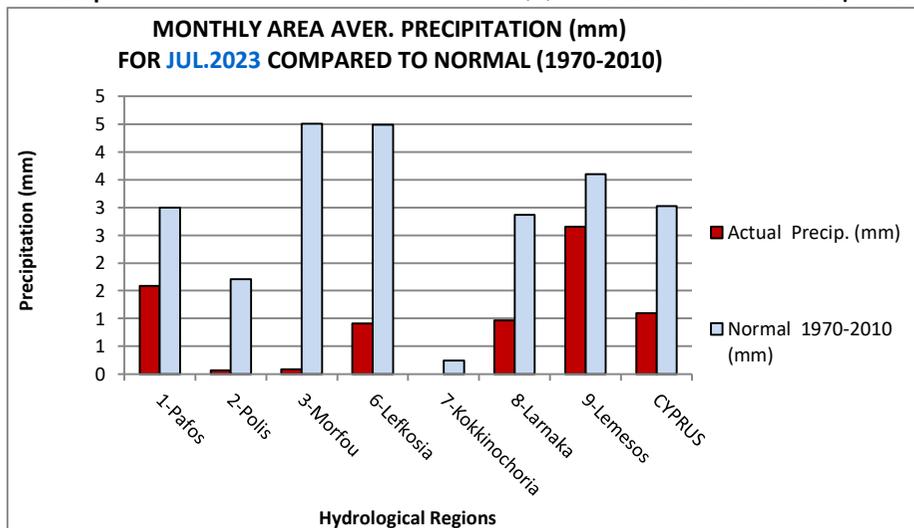
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS		STANDARDIZED PRECIPITATION INDEX (SPI-n)								
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.						Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles											
1-Pafos	1.6	3.0	53%	7	543.1	555.1	98%	5	094-Asprokremmos	31									
2-Polis	0.1	1.7	4%	5	534.2	533.4	100%	5	063-Evretou	31	0.12	-0.57	0.45	-0.50	-0.06	0.21	-0.40	0.25	1.21
3-Morfou	0.1	4.5	2%	3	427.5	431.4	99%	5	370-Kapoura	31	-0.02	0.44	0.21	-0.60	-0.03	0.12	-0.47	0.35	1.75
6-Lefkosia	0.9	4.5	20%	5	387.5	350.8	110%	6	565-Politiko(Tamasos)	31	0.06	0.90	0.86	-0.05	0.50	0.84	0.05	0.45	1.65
7-Kokkinochoria	0.0	0.2	0%	1	371.9	323.8	115%	8	845-Frenaros	31	*	-0.68	-0.35	0.25	0.62	0.21	-0.39	0.38	1.27
8-Larnaka	1.0	2.9	34%	6	366.6	402.5	91%	4	592-Lefkara	8,22	0.24	0.43	-0.02	-0.79	-0.27	0.23	-0.69	0.09	1.42
9-Lemesos	2.6	3.6	74%	6	474.5	508.0	93%	4	313-Kouris	31	0.33	-0.60	-0.38	-1.01	-0.29	0.00	-0.80	0.27	1.78
CYPRUS	1.1	3.0	36%	6	449.1	458.5	98%	5			0.08	0.03	0.12	-0.72	-0.08	0.22	-0.58	0.26	1.67

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. => (Oct.2022-Jul.2023)

Graph 2



Note 1 (SPI According to): Desert Action, IES(Institute for Environment and Sustainability) and JRC (European Commission)

SPIs for short accumulation periods (e.g., SPI-1 to SPI-3) are indicators for immediate impacts such as reduced soil moisture, snowpack, and flow in smaller creeks

SPIs for medium accumulation periods (e.g., SPI-3 to SPI-12) are indicators for reduced stream flow and reservoir storage

SPIs for long accumulation periods (e.g., SPI-12 to SPI-48) are indicators for reduced reservoir and groundwater recharge

Note 2 (Deciles):

1 = Very Much Below Average, Lowest on Record 4-7 = Average 10 = Highest on Record, Very Much Above Average

2-3 = Below Average

8-9 = Above Average

SPI VALUES (According to WMO-No.1090)

2.0 +	extremely wet
1.5 to 1.99	very wet
1.0 to 1.49	moderately wet
-0.99 to 0.99	near normal
-1.0 to -1.49	moderately dry
-1.5 to -1.99	severely dry
-2 and less	extremely dry

SPI VALUES (Karavokyris & Partners)		
0 to -0.99	Mild drought	-0.99 to 0.99
-1.0 to -1.49	Moderate drought	-1.0 to -1.49
-1.5 to -1.99	Severe drought	-1.5 to -1.99
-2 and less	Extreme drought	-2 and less