

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

MONTH: JULY 2022

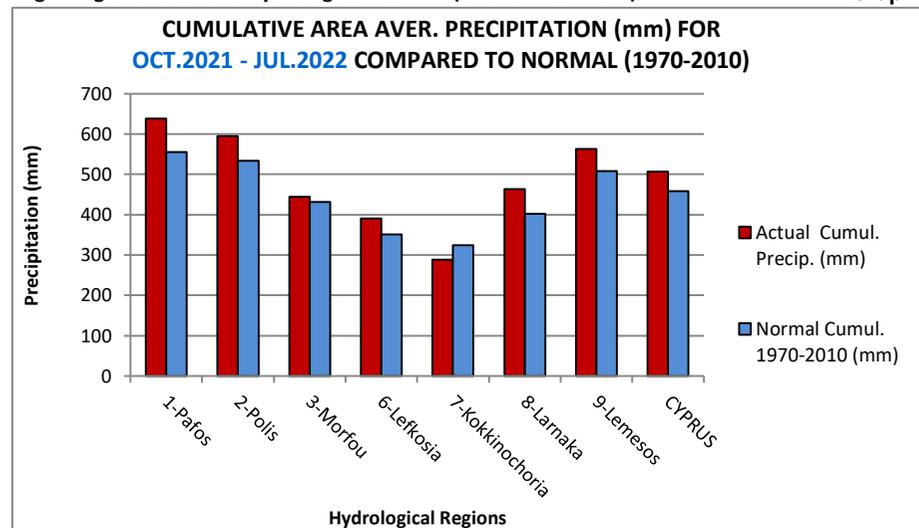
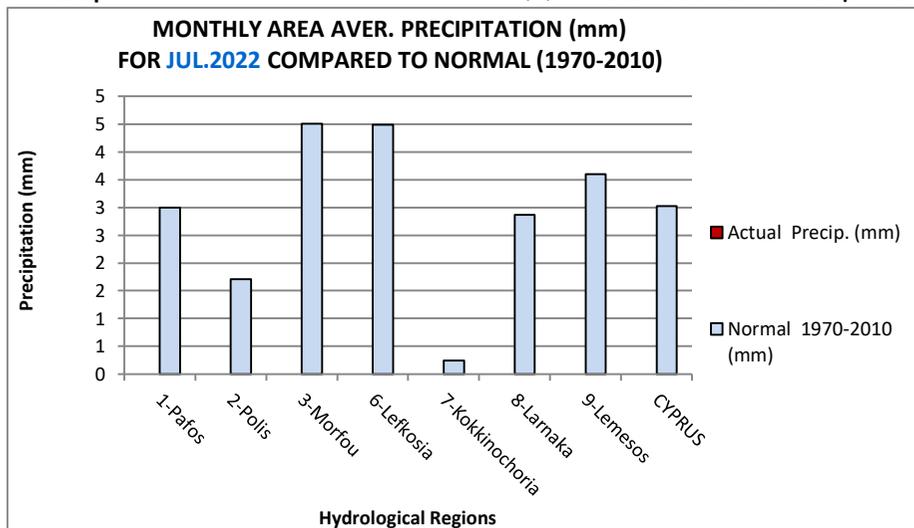
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	SPI-60
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles											
1-Pafos	0.0	3.0	0%	1	638.0	555.1	115%	8	094-Asprokremmos	31	-0.05	-1.56	-1.18	0.75	0.51	-0.45	0.33	1.57	1.48
2-Polis	0.0	1.7	0%	1	594.7	533.4	111%	8	063-Evretou	31	0.10	-0.96	-0.93	0.67	0.44	-0.32	0.40	1.38	1.22
3-Morfou	0.0	4.5	0%	1	444.9	431.4	103%	6	370-Kapoura	31	-0.05	-0.55	-1.13	0.33	0.28	-0.41	0.47	1.85	1.79
6-Lefkosia	0.0	4.5	0%	1	390.7	350.8	111%	7	565-Politiko(Tamasos)	31	-0.14	-0.08	-1.24	0.60	0.77	-0.21	0.27	1.54	1.25
7-Kokkinochoria	0.0	0.2	0%	1	288.3	323.8	89%	4	845-Frenaros	31		-0.39	-1.33	-0.16	-0.25	-0.83	0.14	1.07	0.56
8-Larnaka	0.0	2.9	0%	1	463.1	402.5	115%	8	592-Lefkara	31	0.10	-0.64	-1.55	0.69	0.65	-0.47	0.36	1.62	1.41
9-Lemesos	0.0	3.6	0%	1	562.7	508.0	111%	7	313-Kouris	31	-0.40	-1.43	-1.67	0.60	0.36	-0.62	0.55	1.97	1.91
CYPRUS	0.0	3.0	0%	1	507.4	458.5	111%	7			-0.10	-0.96	-1.41	0.63	0.47	-0.50	0.42	1.78	1.64

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. => (Oct.2021-Jul.2022)

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
-1.0 to -1.49	Moderate drought
-1.5 to -1.99	Severe drought
-2 and less	Extreme drought