

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

MONTH: AUGUST 2022

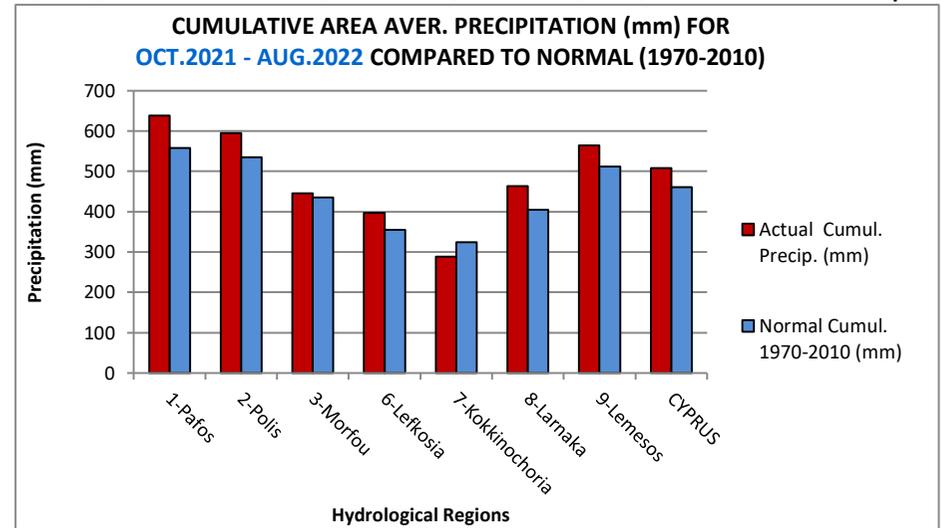
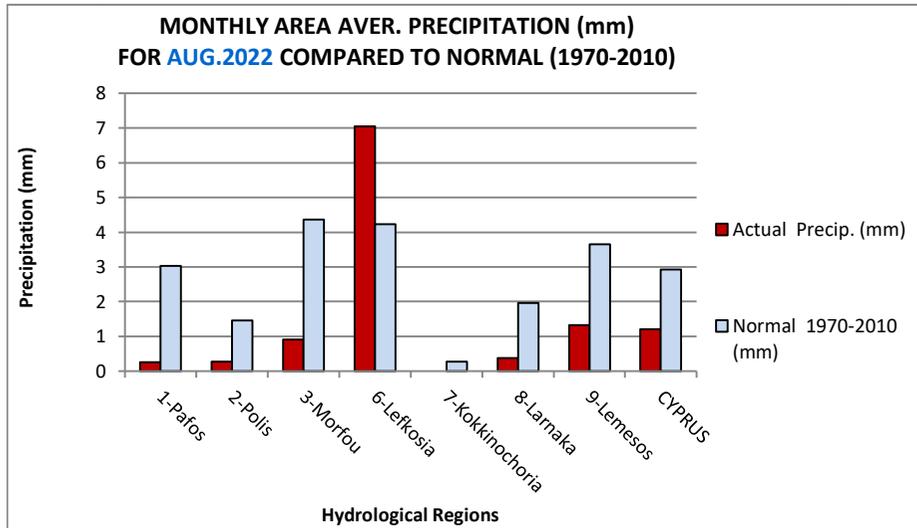
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	0.3	3.0	9%	3	638.3	558.2	114%	7	094-Asprokremmos	31	-0.34	-1.23	-1.41	0.92	0.50	-0.45	0.28	1.57	1.47
2-Polis	0.3	1.5	18%	6	595.0	534.9	111%	7	063-Evretou	31	0.24	-0.12	-0.92	0.82	0.41	-0.31	0.39	1.38	1.20
3-Morfou	0.9	4.4	21%	4	445.8	435.8	102%	5	370-Kapoura	31	-0.08	-0.03	-1.05	0.47	0.23	-0.41	0.43	1.86	1.80
6-Lefkosia	7.0	4.2	167%	8	397.7	355.0	112%	6	565-Politiko(Tamasos)	24,6	0.78	0.59	-0.95	0.84	0.76	-0.15	0.30	1.55	1.28
7-Kokkinochoria	0.0	0.3	0%	1	288.3	324.1	89%	3	845-Frenaros	31	1.57	0.23	-1.18	-0.01	-0.25	-0.83	0.14	1.07	0.56
8-Larnaka	0.4	2.0	19%	5	463.5	404.4	115%	7	592-Lefkara	31	-0.05	0.12	-1.55	0.82	0.61	-0.47	0.33	1.61	1.41
9-Lemesos	1.3	3.7	36%	5	564.0	511.7	110%	7	313-Kouris	31	-0.34	-0.90	-1.68	0.79	0.36	-0.61	0.50	1.97	1.91
CYPRUS	1.2	2.9	41%	5	508.6	461.4	110%	7			-0.21	-0.31	-1.41	0.80	0.45	-0.48	0.39	1.79	1.65

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. => (Oct.2021-Aug.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)		SPI VALUES (According to WMO-No.1090)	
0 to -0.99	Mild drought	1.0 to 1.49	moderately wet
-1.0 to -1.49	Moderate drought	-0.99 to 0.99	near normal
-1.5 to -1.99	Severe drought	-1.0 to -1.49	moderately dry
-2 and less	Extreme drought	-1.5 to -1.99	severely dry
		-2 and less	extremely dry