

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

MONTH: SEPTEMBER 2022

Table 1

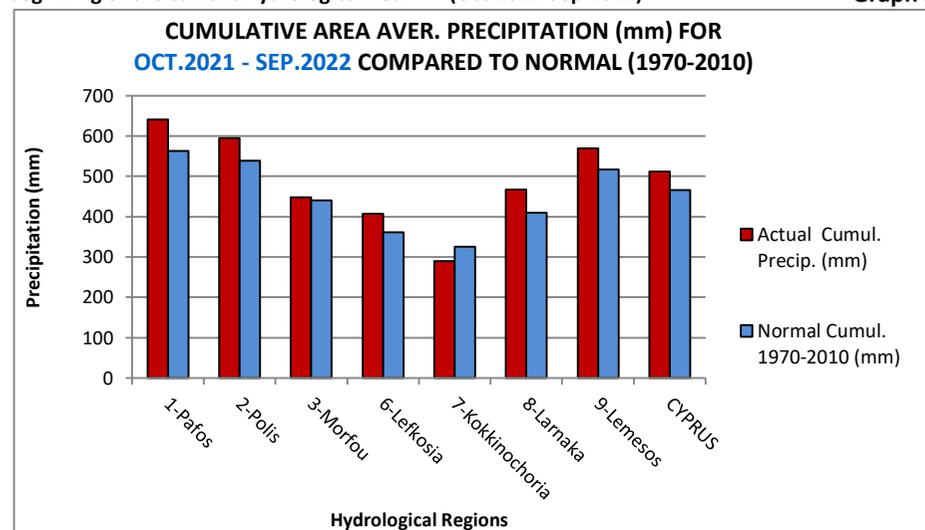
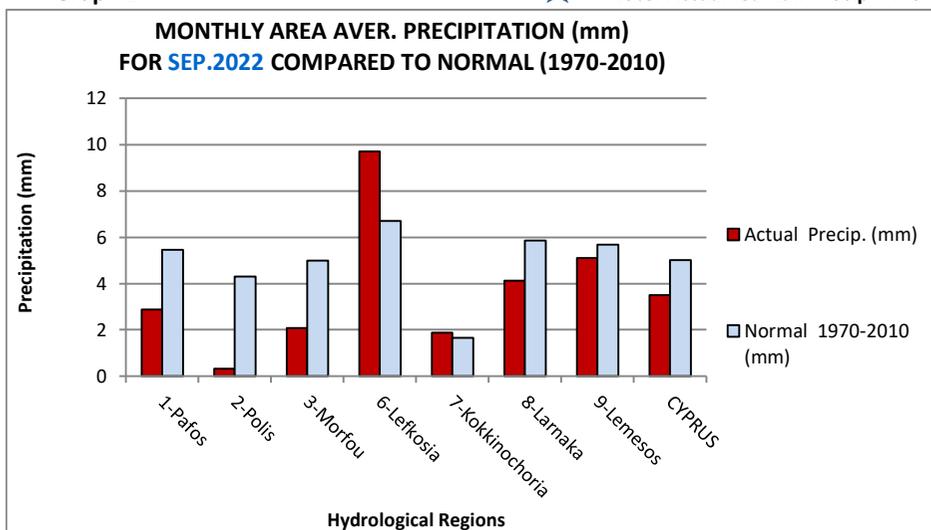
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	2.9	5.5	53%	6	641.2	563.6	114%	7	094-Asprokremmos	30	0.01	-0.78	-2.85	0.23	0.53	-0.44	0.31	1.56	1.53
2-Polis	0.3	4.3	8%	3	595.3	539.2	110%	7	063-Evretou	30	-0.34	-1.10	-2.41	0.22	0.40	-0.31	0.38	1.35	1.24
3-Morfo	2.1	5.0	42%	6	447.9	440.8	102%	5	370-Kapoura	30	0.05	-0.84	-1.71	-0.36	0.11	-0.43	0.37	1.83	1.88
6-Lefkosia	9.7	6.7	145%	8	407.4	361.7	113%	7	565-Politikot(Tamasos)	5,24	0.55	0.40	-0.69	-0.36	0.52	-0.14	0.25	1.58	1.37
7-Kokkinochoria	1.9	1.7	113%	8	290.2	325.7	89%	4	845-Frenaros	30	0.55	0.43	-1.62	-0.64	-0.26	-0.83	0.14	1.10	0.59
8-Larnaka	4.1	5.8	70%	7	467.6	410.3	114%	7	592-Lefkara	30	0.07	-0.48	-1.86	-0.25	0.53	-0.47	0.30	1.61	1.46
9-Lemesos	5.1	5.7	90%	8	569.1	517.3	110%	7	313-Kouris	30	0.23	-0.43	-2.27	-0.07	0.38	-0.60	0.48	1.96	1.95
CYPRUS	3.5	5.0	70%	7	512.1	466.4	110%	7			0.11	-0.47	-2.13	-0.09	0.42	-0.47	0.37	1.77	1.71

Graph 1



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