

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

MONTH: APRIL 2022

Table 1

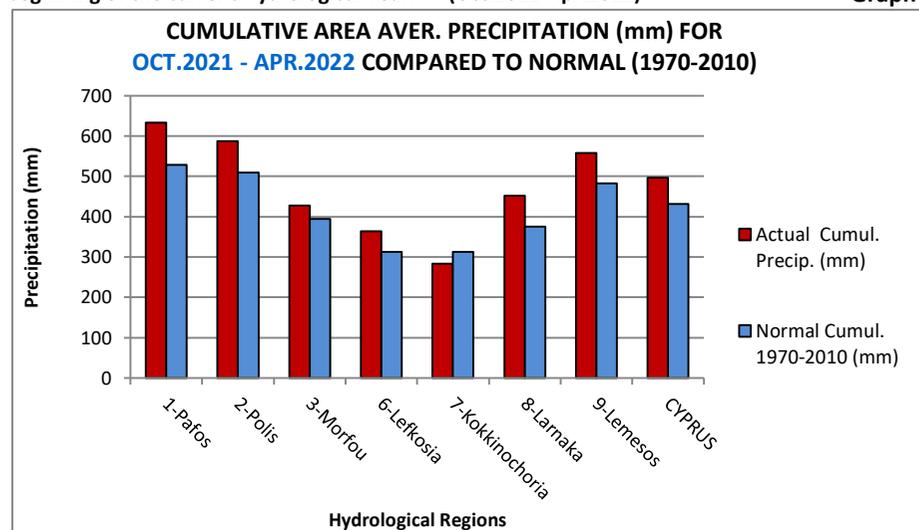
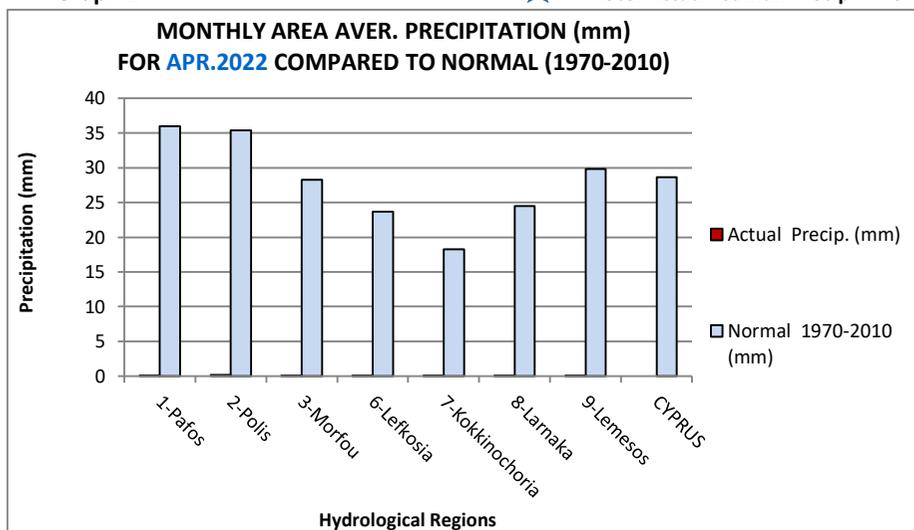
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS		STANDARDIZED PRECIPITATION INDEX (SPI-n)								
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.						Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles											
1-Pafos	0.1	36.0	0%	1	633.4	528.5	120%	9	094-Asprokremmos	30									
2-Polis	0.2	35.4	1%	1	587.9	510.1	115%	8	063-Evretou	30	-1.77	-0.68	0.79	0.57	0.42	-0.31	0.45	1.56	1.25
3-Morfou	0.0	28.2	0%	1	428.3	394.5	109%	6	370-Kapoura	30	-1.77	-0.94	0.52	0.46	0.19	-0.45	0.51	2.26	1.77
6-Lefkosia	0.0	23.7	0%	1	363.6	312.4	116%	7	565-Politiko(Tamasos)	30	-1.77	-1.16	0.72	0.88	0.60	-0.36	0.27	1.85	1.19
7-Kokkinochoria	0.1	18.3	0%	1	283.5	312.6	91%	4	845-Frenaros	30	-1.77	-1.14	-0.06	-0.15	-0.31	-0.84	0.22	1.09	0.66
8-Larnaka	0.0	24.5	0%	1	452.3	375.6	120%	8	592-Lefkara	30	-1.77	-1.26	0.83	0.79	0.57	-0.47	0.38	1.79	1.41
9-Lemesos	0.0	29.8	0%	1	557.7	482.3	116%	8	313-Kouris	30	-2.07	-1.19	0.73	0.51	0.32	-0.60	0.61	2.16	1.90
CYPRUS	0.0	28.6	0%	1	497.4	431.4	115%	8			-1.77	-1.07	0.76	0.62	0.41	-0.50	0.48	2.00	1.64

Graph 1



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