

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

MONTH: MAY 2023

Table 1

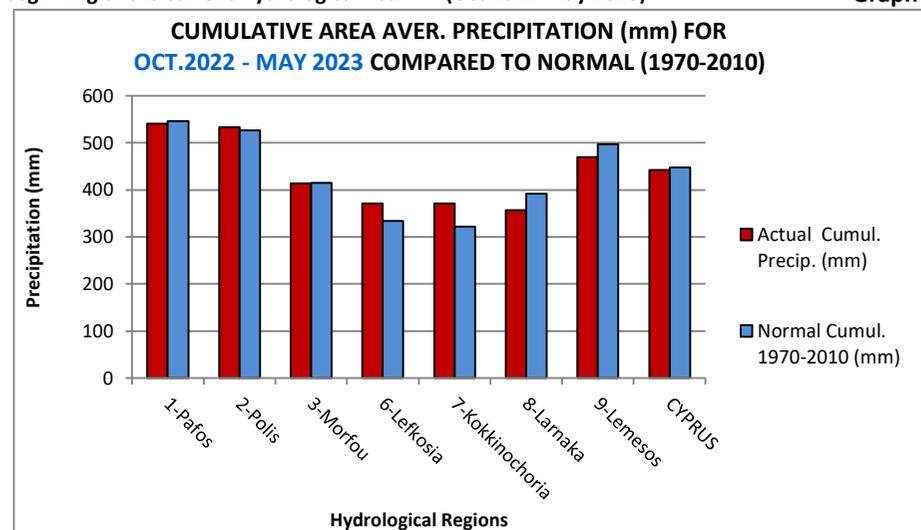
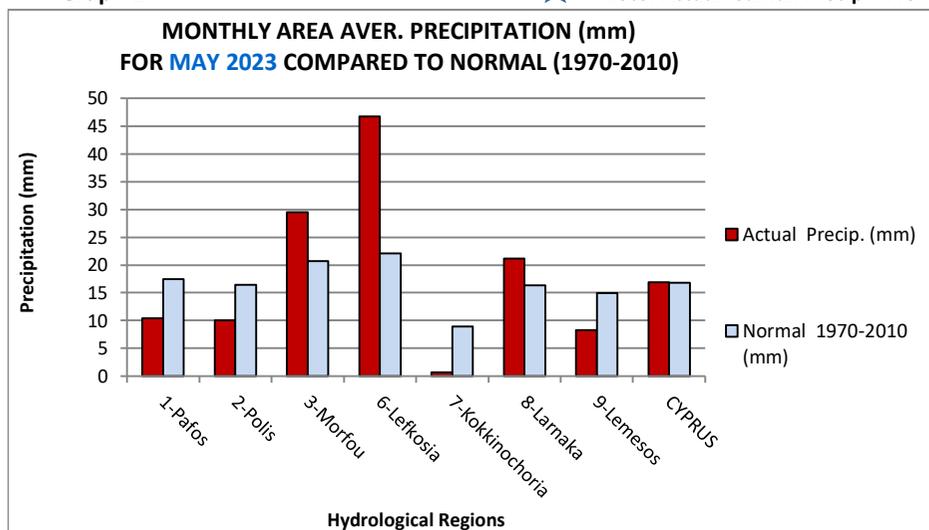
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	10.4	17.5	59%	4	540.3	546.0	99%	5	094-Asprokremmos	7,23	-0.30	0.37	-0.80	-0.05	-0.12	0.22	-0.56	0.25	1.49
2-Polis	10.1	16.5	61%	5	533.6	526.6	101%	5	063-Evretou	6,24	-0.27	0.62	-0.72	0.02	-0.01	0.24	-0.39	0.33	1.27
3-Morfou	29.5	20.7	143%	7	414.0	415.2	100%	5	370-Kapoura	6,22,1	0.62	0.52	-0.39	0.03	-0.01	0.10	-0.53	0.44	1.85
6-Lefkosia	46.7	22.1	212%	9	370.9	334.4	111%	6	565-Politiko(Tamasos)	5,10,2,7	1.14	1.56	0.15	0.48	0.54	0.80	-0.06	0.53	1.80
7-Kokkinochoria	0.7	9.0	7%	2	370.9	321.6	115%	8	845-Frenaros	31	-0.60	-0.12	0.29	0.66	0.64	0.21	-0.41	0.50	1.29
8-Larnaka	21.1	16.4	129%	7	356.7	391.9	91%	4	592-Lefkara	6,11,2,5,1	0.53	0.47	-0.72	-0.25	-0.27	0.18	-0.75	0.15	1.52
9-Lemesos	8.3	15.0	56%	4	470.0	497.3	95%	4	313-Kouris	5,25	-0.39	0.06	-0.98	-0.20	-0.29	-0.01	-0.81	0.38	1.90
CYPRUS	16.9	16.8	101%	6	442.5	448.2	99%	5			0.23	0.49	-0.67	-0.02	-0.07	0.21	-0.61	0.36	1.78

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. => (Oct.2022-May.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
-1.0 to -1.49	Moderate drought
-1.5 to -1.99	Severe drought
-2 and less	Extreme drought