

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

MONTH: MARCH 2023

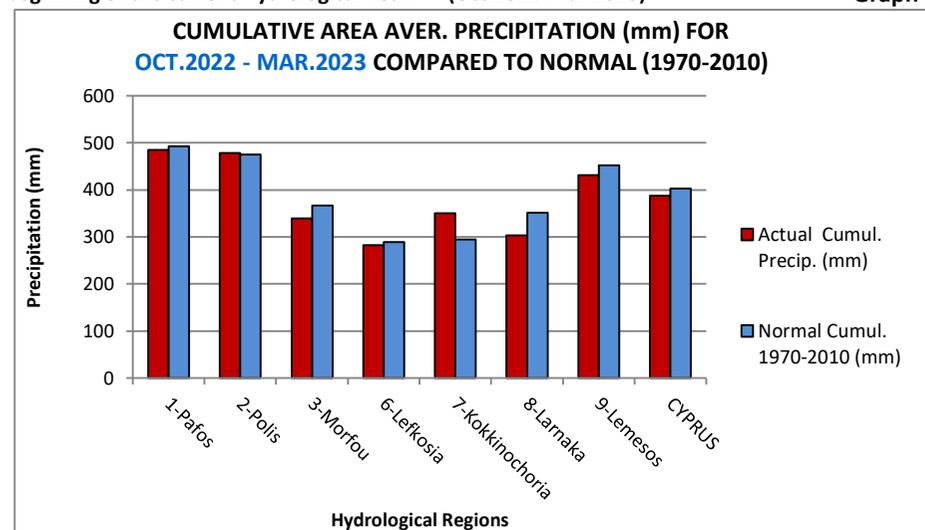
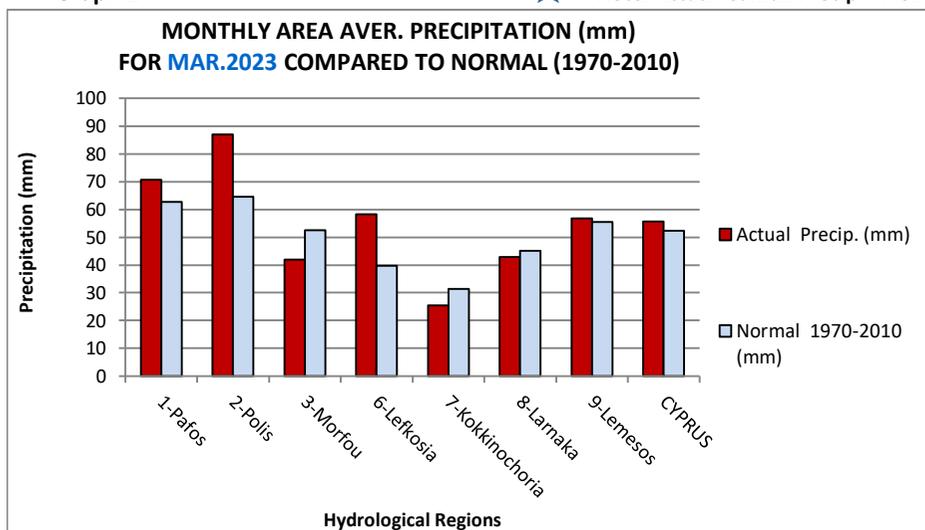
Table 1	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	SPI-60
Hydrological Region	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles											
1-Pafos	70.6	62.6	113%	7	484.9	492.5	98%	5	094-Asprokremmos	11,1,12	0.43	-0.36	-0.05	-0.11	-0.53	0.05	-0.66	0.19	1.39
2-Polis	87.0	64.5	135%	6	478.7	474.7	101%	6	063-Evretou	11,1,1,8,3	0.72	-0.19	0.03	-0.04	-0.46	0.05	-0.40	0.24	1.24
3-Morfou	41.9	52.5	80%	4	339.0	366.3	93%	4	370-Kapoura	12,1,2,12	-0.05	-0.05	-0.19	-0.28	-0.72	-0.27	-0.74	0.26	1.88
6-Lefkosia	58.3	39.6	147%	8	282.8	288.7	98%	5	565-Politiko(Tamasos)	12,3,12	0.85	0.37	0.06	0.07	-0.26	0.30	-0.41	0.24	1.67
7-Kokkinochoria	25.5	31.5	81%	5	350.7	294.3	119%	8	845-Frenaros	5,6,1,2,13	0.05	1.06	0.69	0.68	0.45	0.06	-0.48	0.43	1.21
8-Larnaka	42.8	45.1	95%	5	303.3	351.1	86%	6	592-Lefkara	12,12	0.27	-0.24	-0.35	-0.42	-0.79	-0.08	-0.86	0.07	1.40
9-Lemesos	56.8	55.4	103%	6	431.4	452.5	95%	5	313-Kouris	12,3,12	0.30	-0.36	-0.13	-0.19	-0.58	-0.14	-0.88	0.37	1.84
CYPRUS	55.6	52.3	106%	6	387.8	402.7	96%	5			0.37	-0.18	-0.09	-0.15	-0.56	-0.03	-0.72	0.26	1.68

Graph 1



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