

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

MONTH: MARCH 2022

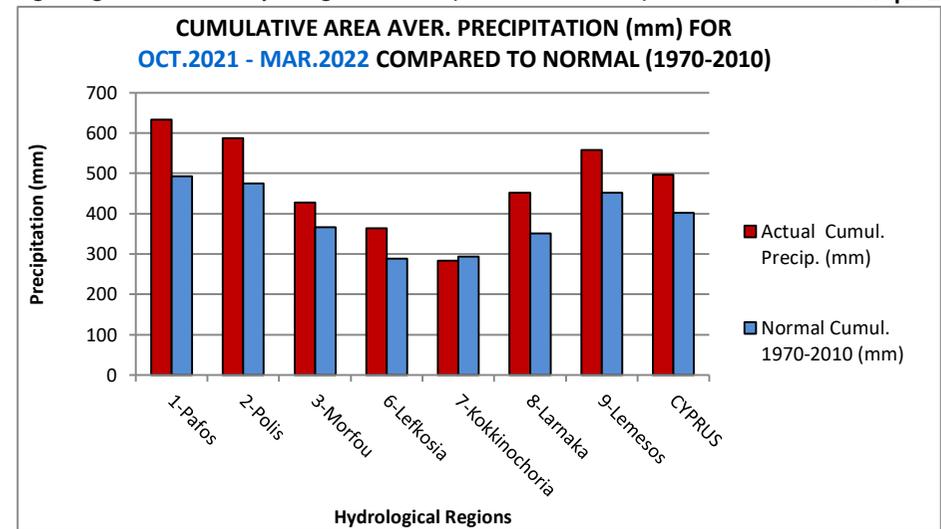
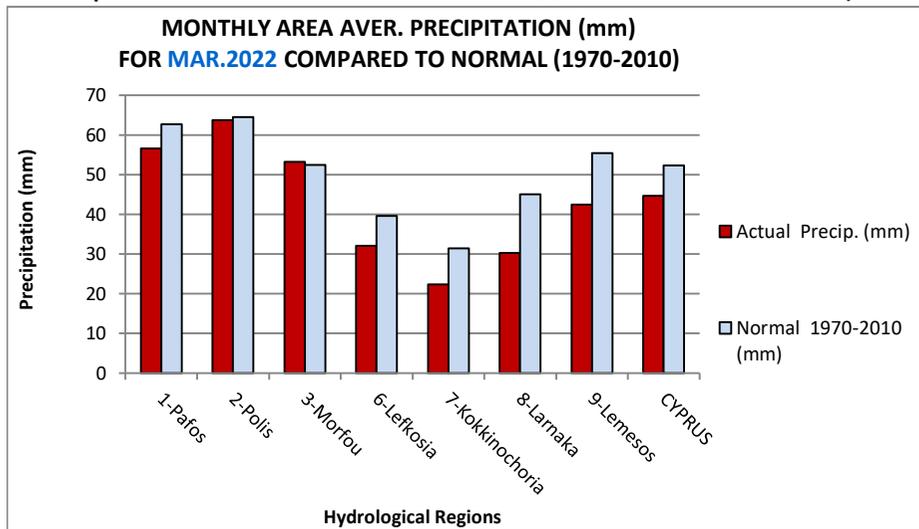
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	56.6	62.6	90%	6	633.3	492.5	129%	9	094-Asprokremmos	5,11,8	0.10	0.82	0.92	0.87	0.62	-0.32	0.55	1.75	1.53
2-Polis	63.8	64.5	99%	6	587.7	474.7	124%	8	063-Evretou	4,10,7	0.25	0.83	0.83	0.81	0.56	-0.07	0.57	1.57	1.24
3-Morfou	53.2	52.5	101%	6	428.3	366.3	117%	7	370-Kapoura	1,6,1,9,7	0.27	0.31	0.60	0.64	0.33	-0.31	0.71	2.27	1.82
6-Lefkosia	32.0	39.6	81%	4	363.6	288.7	126%	8	565-Politikos	1,7,12,7	0.00	0.09	0.82	1.07	0.69	-0.20	0.48	1.89	1.32
7-Kokkinochoria	22.4	31.5	71%	5	283.4	294.3	96%	6	845-Frenaros	1,7,13,1,5	-0.15	-0.18	0.03	0.01	-0.29	-0.81	0.28	1.08	0.69
8-Larnaka	30.3	45.1	67%	3	452.3	351.1	129%	9	592-Lefkara	7,7,4,7	-0.17	0.33	0.88	0.92	0.64	-0.34	0.58	1.79	1.49
9-Lemesos	42.4	55.4	77%	4	557.7	452.5	123%	9	313-Kouris	5,11,9	-0.14	0.49	0.74	0.66	0.42	-0.51	0.79	2.16	1.96
CYPRUS	44.7	52.3	85%	5	497.4	402.7	124%	8			0.02	0.53	0.81	0.81	0.53	-0.35	0.65	2.00	1.69

Graph 1



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