

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

MONTH: MAY 2022

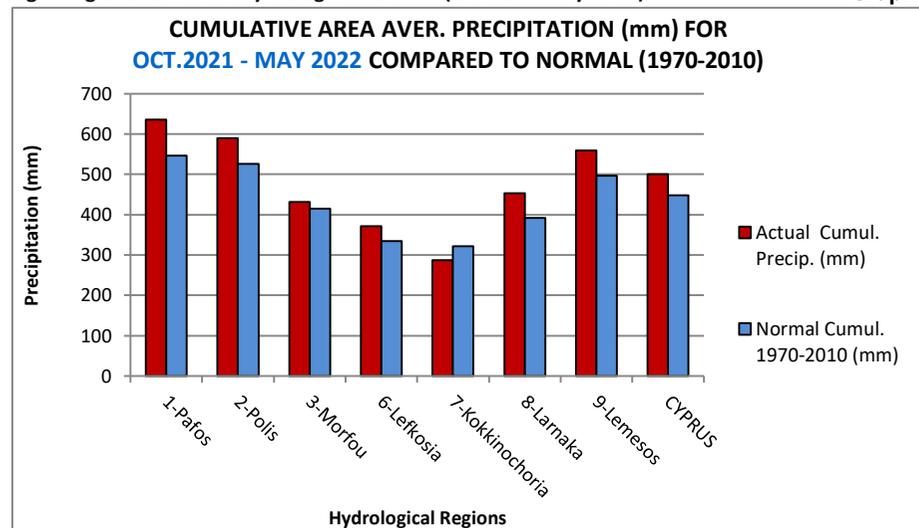
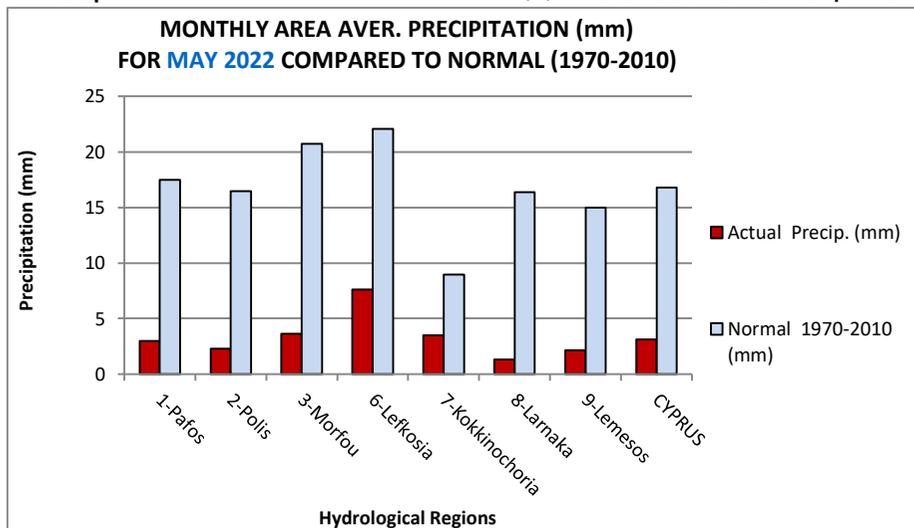
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	3.0	17.5	17%	2	636.4	546.0	117%	8	094-Asprokremmos	31	-1.04	-1.16	0.98	0.57	0.52	-0.46	0.42	1.68	1.48
2-Polis	2.3	16.5	14%	2	590.2	526.6	112%	8	063-Evretou	31	-1.07	-0.90	0.84	0.43	0.44	-0.34	0.44	1.41	1.21
3-Morfou	3.6	20.7	18%	2	431.9	415.2	104%	6	370-Kapoura	10,20	-0.91	-1.11	0.54	0.28	0.23	-0.49	0.54	1.92	1.77
6-Lefkosia	7.6	22.1	35%	3	371.2	334.4	111%	7	565-Politiko	31	-0.52	-1.45	0.80	0.72	0.69	-0.35	0.33	1.66	1.22
7-Kokkinochoria	3.5	9.0	39%	5	287.0	321.6	89%	4	845-Frenaros	31	-0.26	-1.16	0.01	-0.22	-0.27	-0.85	0.24	1.07	0.56
8-Larnaka	1.3	16.4	8%	2	453.6	391.9	116%	8	592-Lefkara	31	-1.11	-1.64	0.86	0.64	0.59	-0.53	0.40	1.69	1.38
9-Lemesos	2.2	15.0	14%	1	559.9	497.3	113%	7	313-Kouris	31	-1.31	-1.42	0.85	0.43	0.34	-0.63	0.64	2.09	1.92
CYPRUS	3.1	16.8	18%	2	500.5	448.2	112%	7			-1.13	-1.37	0.84	0.50	0.44	-0.53	0.50	1.87	1.63

Graph 1



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