

DEPARTMENT OF METEOROLOGY

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

MONTH: JUNE 2022

Table 1

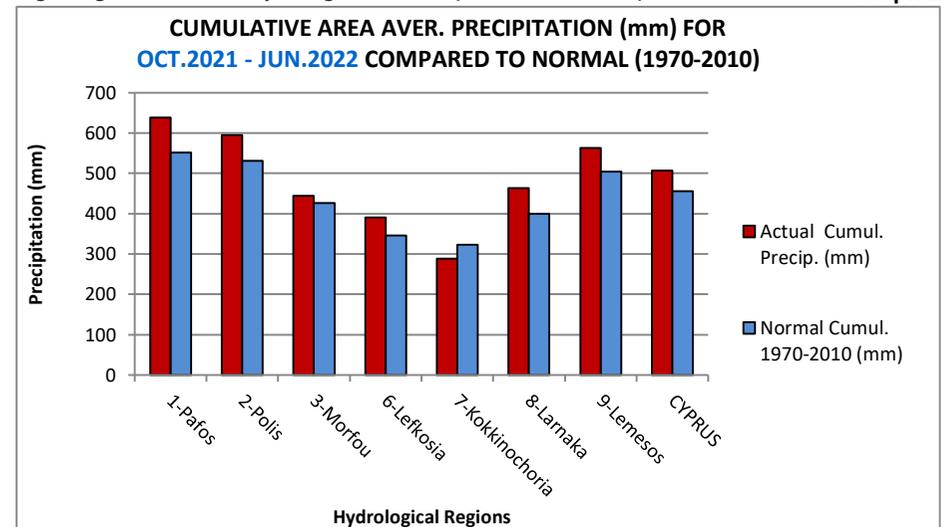
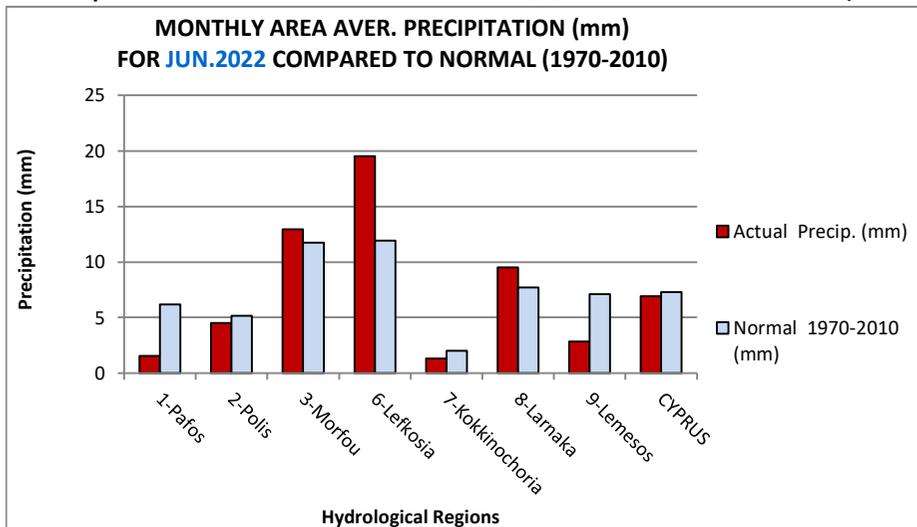
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	1.6	6.2	25%	4	638.0	552.1	116%	8	094-Asprokremmos	12, 17	-0.31	-2.74	0.31	0.57	0.53	-0.45	0.33	1.57	1.48
2-Polis	4.5	5.1	88%	7	594.7	531.7	112%	8	063-Evretou	30	0.33	-2.18	0.30	0.46	0.45	-0.31	0.40	1.38	1.22
3-Morfou	13.0	11.7	111%	7	444.9	426.9	104%	6	370-Kapoura	6,6,16	0.44	-1.45	-0.23	0.20	0.28	-0.41	0.48	1.86	1.79
6-Lefkosia	19.5	11.9	164%	8	390.7	346.3	113%	7	565-Politiko(Tamasos)	30	0.74	-0.89	-0.37	0.51	0.80	-0.22	0.28	1.57	1.28
7-Kokkinochoria	1.3	2.0	66%	8	288.3	323.6	89%	4	845-Frenaros	30	0.33	-1.88	-0.62	-0.25	-0.25	-0.83	0.14	1.07	0.56
8-Larnaka	9.5	7.7	124%	7	463.1	399.6	116%	8	592-Lefkara	30	0.54	-1.92	-0.15	0.58	0.65	-0.47	0.37	1.63	1.41
9-Lemesos	2.8	7.1	40%	4	562.7	504.4	112%	7	313-Kouris	30	-0.29	-2.55	0.01	0.43	0.36	-0.61	0.55	1.98	1.91
CYPRUS	6.9	7.3	95%	7	507.4	455.4	111%	7			0.21	-2.21	-0.01	0.47	0.48	-0.49	0.43	1.79	1.65

Graph 1



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