

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

MONTH: JUNE 2023

Table 1

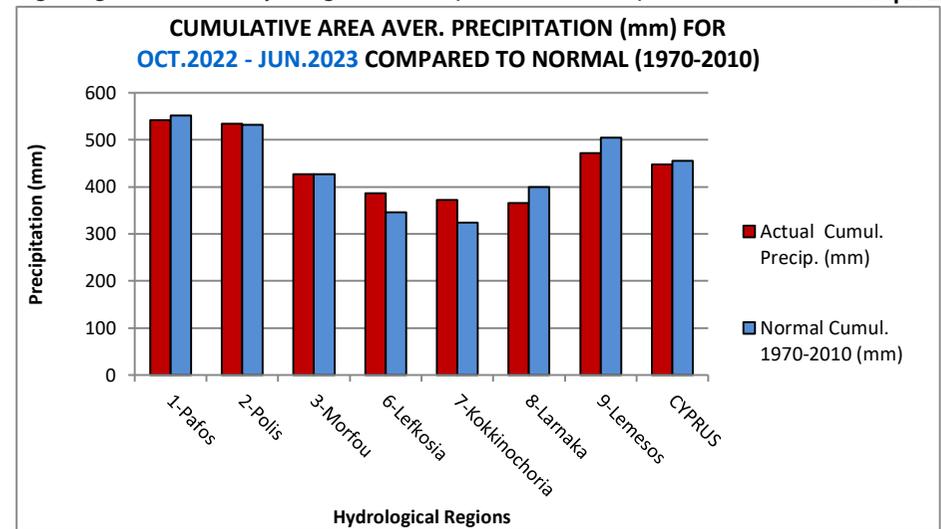
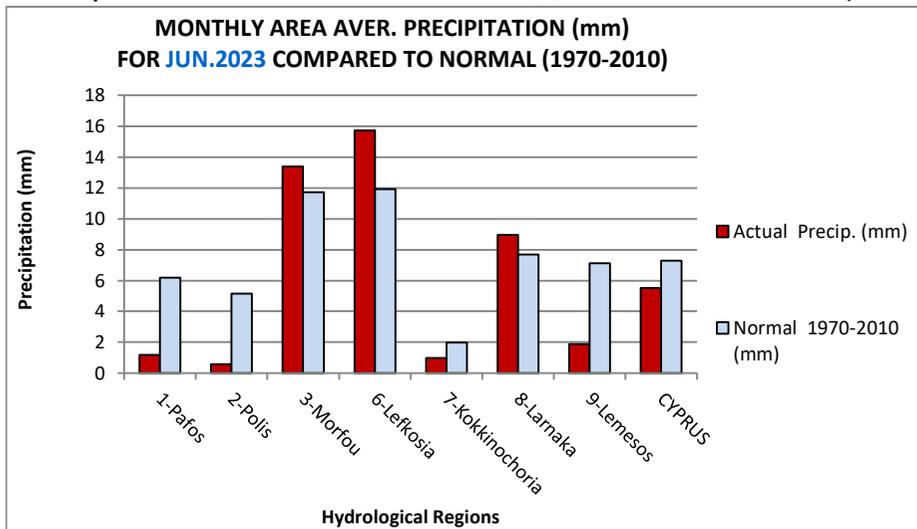
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	1.2	6.2	19%	3	541.5	552.1	98%	5	094-Asprokremmos	30	-0.52	0.12	-0.38	-0.07	-0.13	0.23	-0.55	0.17	1.39
2-Polis	0.6	5.1	11%	3	534.2	531.7	100%	5	063-Evretou	30	-0.34	0.20	-0.19	0.02	-0.04	0.23	-0.39	0.28	1.23
3-Morfou	13.4	11.7	114%	7	427.4	426.9	100%	5	370-Kapoura	12,17	0.46	0.83	0.26	0.06	-0.01	0.14	-0.46	0.37	1.77
6-Lefkosia	15.7	11.9	132%	7	386.6	346.3	112%	6	565-Politiko(Tamasos)	12,16	0.52	1.21	0.86	0.48	0.50	0.86	0.03	0.47	1.69
7-Kokkinochoria	1.0	2.0	50%	7	371.9	323.6	115%	8	845-Frenaros	30	0.34	-0.10	0.97	0.64	0.64	0.21	-0.39	0.40	1.28
8-Larnaka	8.9	7.7	116%	7	365.6	399.6	91%	4	592-Lefkara	11,4,11	0.46	0.66	-0.07	-0.22	-0.27	0.23	-0.71	0.12	1.45
9-Lemesos	1.9	7.1	27%	3	471.9	504.4	94%	4	313-Kouris	30	-0.49	-0.20	-0.53	-0.25	-0.30	0.00	-0.80	0.29	1.79
CYPRUS	5.5	7.3	76%	6	448.0	455.4	98%	5			0.08	0.45	-0.08	-0.03	-0.08	0.23	-0.58	0.28	1.69

Graph 1



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