

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

MONTH: JANUARY 2023

Table 1

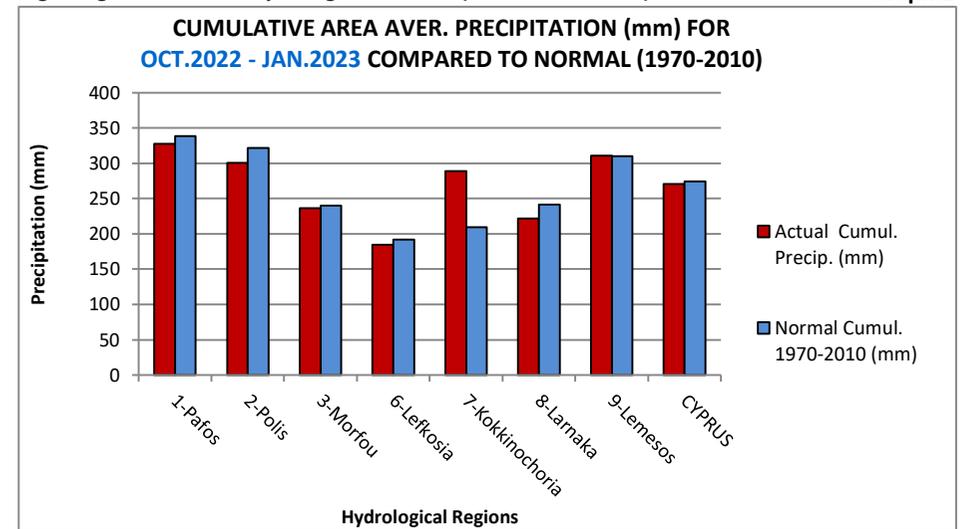
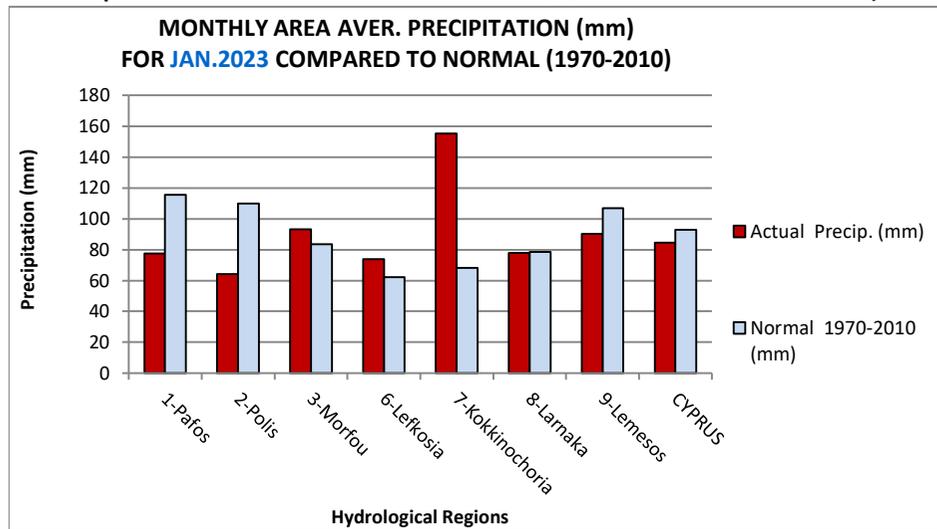
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	77.4	115.6	67%	3	328	338.3	97%	5	094-Asprokremmos	10,3,13	-0.64	-1.07	-0.19	-0.39	-0.74	-0.33	-0.69	0.45	1.26
2-Polis	64.3	109.8	59%	2	300.4	322.1	93%	5	063-Evretou	10,16	-0.89	-0.92	-0.34	-0.52	-0.80	-0.38	-0.57	0.39	0.97
3-Morfou	93.3	83.5	112%	8	236.4	240.4	98%	5	370-Kapoura	10,10,2,1	0.25	-0.87	-0.11	-0.35	-0.76	-0.50	-0.52	0.75	1.77
6-Lefkosia	73.7	62.1	119%	7	185	192.2	96%	5	565-Politiko(Tamasos)	10,15	0.40	-0.77	0.04	-0.11	-0.68	-0.06	-0.46	0.86	1.32
7-Kokkinochoria	155.1	68.3	227%	9	289.3	209.6	138%	9	845-Frenaros	11,15	1.67	0.57	0.94	0.85	0.27	-0.14	-0.15	1.18	1.00
8-Larnaka	77.7	78.5	99%	6	222.2	241.8	92%	5	592-Lefkara	11,1,12,1	0.06	-0.86	-0.24	-0.42	-0.97	-0.33	-0.71	0.85	1.22
9-Lemesos	90.3	106.9	84%	5	311.1	310.3	100%	6	313-Kouris	10,1,13,1	-0.24	-0.80	-0.06	-0.26	-0.77	-0.40	-0.69	0.84	1.70
CYPRUS	84.4	92.9	91%	6	270.4	274.3	99%	6			-0.15	-0.87	-0.11	-0.31	-0.78	-0.36	-0.65	0.76	1.48

Graph 1



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

