

AREA AVERAGE PRECIPITATION (mm), DRY SPELLS AND STANDARDIZED PRECIPITATION INDEX (SPI) PER HYDROLOGICAL REGION  
MONTH: DECEMBER 2022

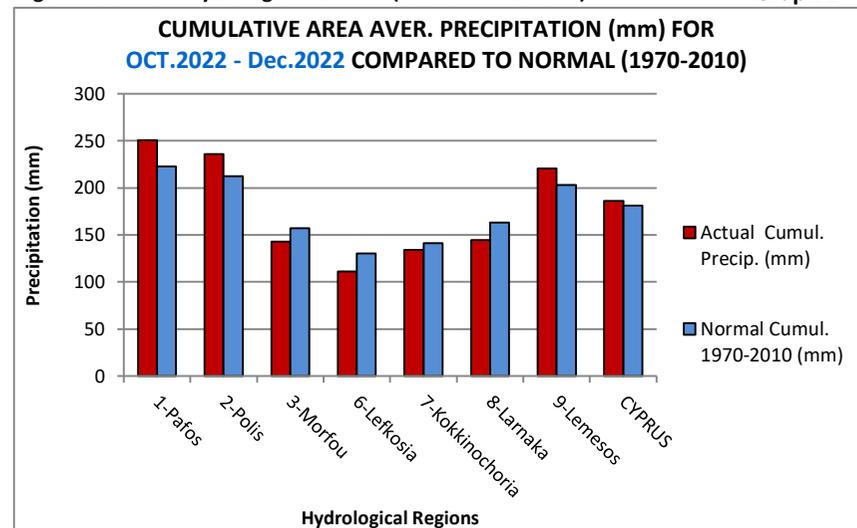
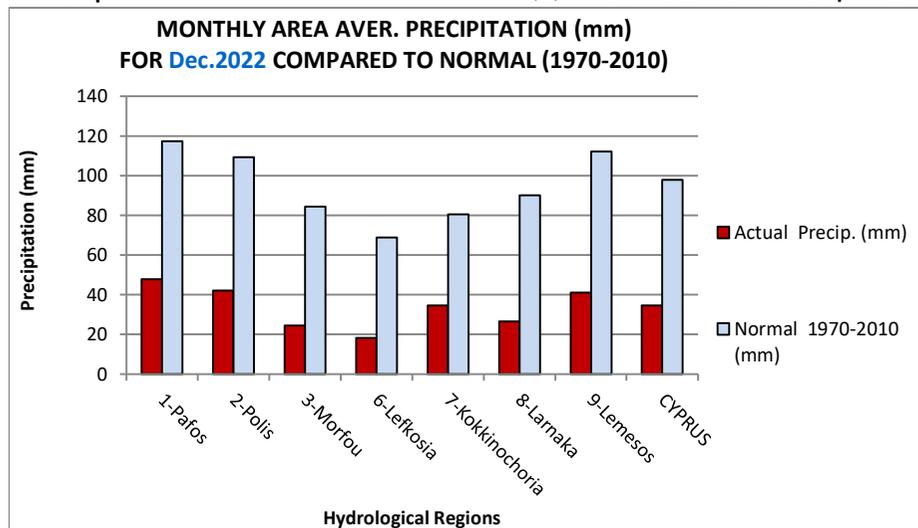
Table 1

Hydrological Region	PRECIPITATION (mm)								DRY SPELLS  Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					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	47.8	117.3	41%	2	250.7	222.7	113%	7	094-Asprokremmos	12,5,10	-1.00	0.39	0.29	-0.28	0.32	0.04	-0.09	1.15	1.61
2-Polis	42.2	109.4	39%	2	236.1	212.3	111%	7	063-Evretou	12,5,4,6	-1.14	0.33	0.23	-0.36	0.29	0.00	-0.04	0.98	1.39
3-Morfoú	24.5	84.4	29%	2	143.1	156.9	91%	5	370-Kapoura	12,5,3,6	-1.23	-0.10	-0.24	-0.79	-0.39	-0.44	-0.17	1.20	2.03
6-Lefkosia	18.3	68.8	27%	2	111.3	130.2	86%	5	565-Politiko(Tamasos)	7,4,5,4,6	-1.17	-0.15	-0.13	-0.55	-0.45	-0.10	-0.20	1.14	1.50
7-Kokkinochoria	34.6	80.6	43%	3	134.2	141.2	95%	5	845-Frenaros	7,4,9,6	-0.75	0.04	0.04	-0.35	-0.43	-0.91	-0.55	0.82	0.69
8-Larnaka	26.5	90.1	29%	2	144.4	163.3	88%	8	592-Lefkara	5,1,4,5,10	-1.09	-0.14	-0.23	-0.72	-0.33	-0.23	-0.45	1.18	1.51
9-Lemesos	41.2	112.1	37%	2	220.8	203.3	109%	7	313-Kouris	12,5,10	-1.06	0.29	0.19	-0.32	0.06	-0.07	-0.12	1.54	2.08
CYPRUS	34.5	97.8	35%	2	186.0	181.4	103%	6			-1.12	0.15	0.06	-0.49	-0.03	-0.16	-0.19	1.32	1.83

Graph 1

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