

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

MONTH: JANUARY 2022

Table 1

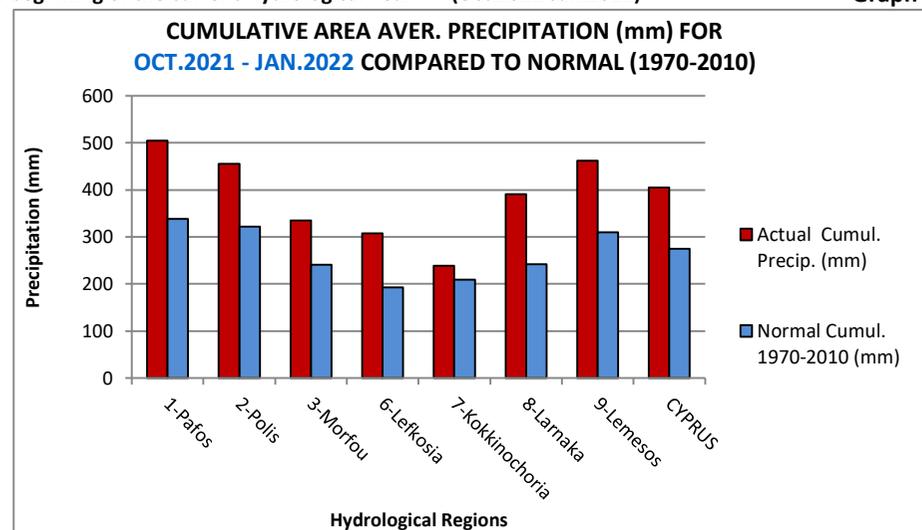
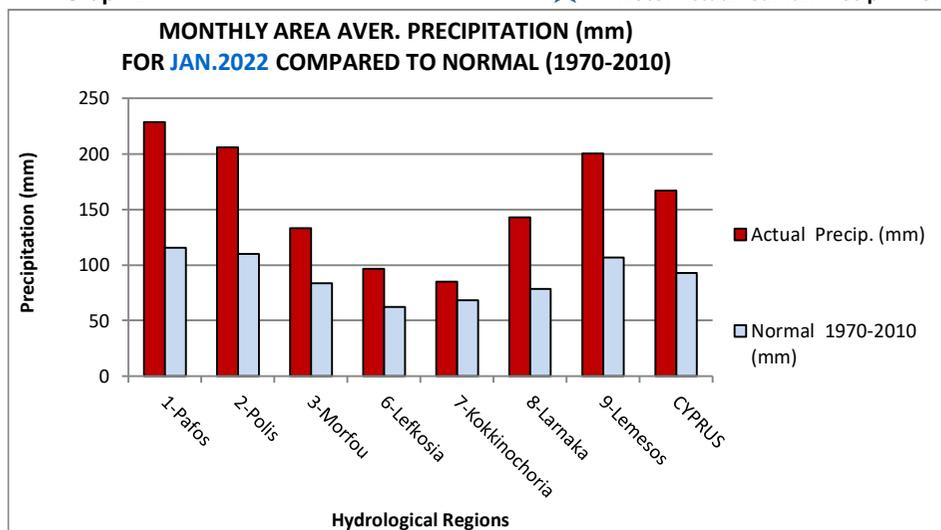
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	228.4	115.6	198%	9	504.4	338.3	149%	9	094-Asprokremmos	8,1,4,3,1,2	1.29	1.38	1.15	0.97	0.29	-0.23	0.94	1.73	1.40
2-Polis	206.0	109.8	188%	9	454.9	322.1	141%	9	063-Evretou	8,4,3,1,1,1	1.30	1.32	1.08	0.89	0.28	-0.04	0.89	1.48	1.11
3-Morfoú	133.2	83.5	160%	9	335.5	240.4	140%	9	370-Kapoura	8,4,3,1,6	0.92	1.15	1.04	0.73	0.11	-0.01	1.23	2.26	1.69
6-Lefkosia	96.5	62.1	155%	9	307.4	192.2	160%	9	565-Politiko	8,7,5,4,1	0.86	1.41	1.54	1.23	0.59	0.03	1.34	1.80	1.26
7-Kokkinochoria	84.9	68.3	124%	7	238.2	209.6	114%	8	845-Frenaros	8,1,5,3,1,2,1,1	0.55	0.54	0.42	0.27	-0.37	-0.27	1.21	1.01	0.59
8-Larnaka	142.8	78.5	182%	9	391.1	241.8	162%	9	592-Lefkara	8,4,3,1,4,1	1.14	1.46	1.41	1.19	0.47	-0.07	1.44	1.76	1.42
9-Lemesos	200.3	106.9	187%	9	462.4	310.3	149%	9	313-Kouris	8,1,3,3,1,4	1.13	1.30	1.08	0.88	0.23	-0.16	1.37	2.18	1.89
CYPRUS	167.0	92.9	180%	9	404.9	274.3	148%	9			1.16	1.36	1.20	0.98	0.29	-0.12	1.28	1.97	1.58

Graph 1



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