

DEPARTMENT OF METEOROLOGY
AREA AVERAGE PRECIPITATION (mm), DRY SPELLS AND STANDARDIZED PRECIPITATION INDEX (SPI-n) PER HYDROLOGICAL REGION
MONTH: JANUARY 2024

Table 1

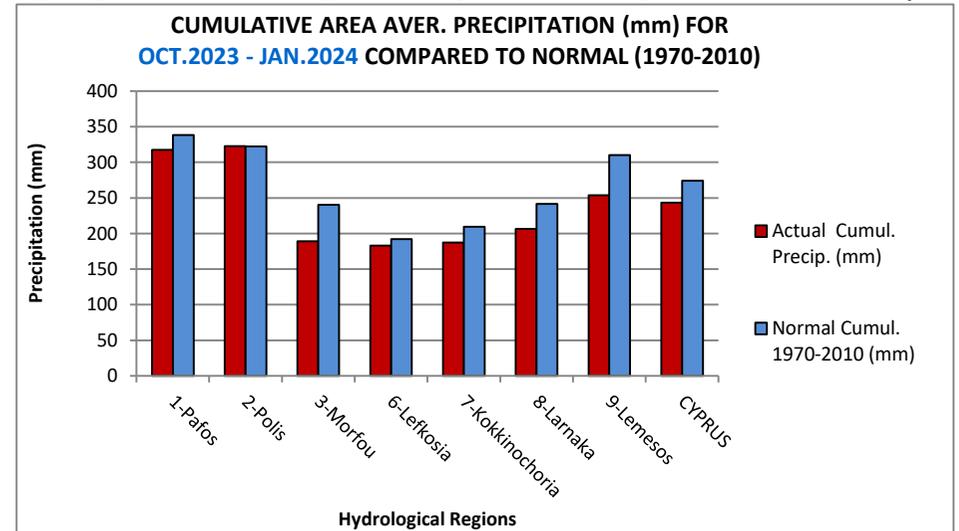
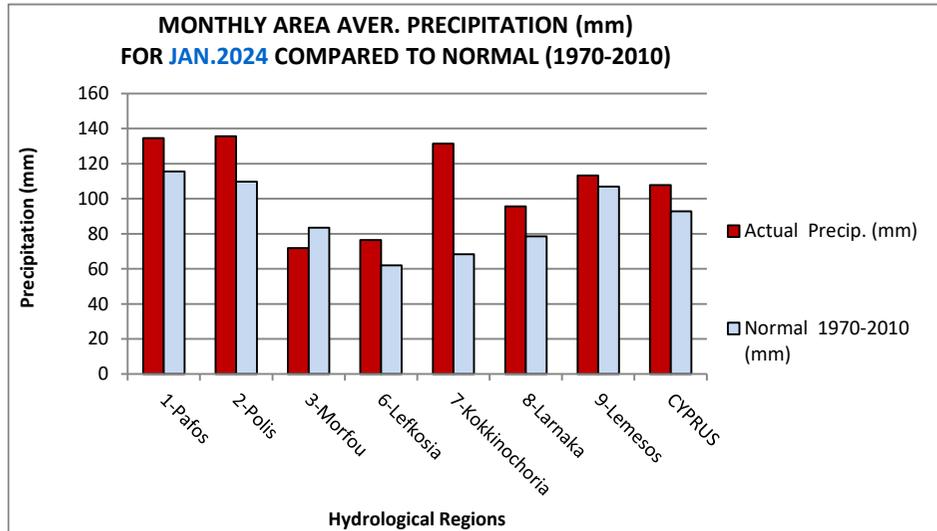
HYDROLOGICAL REGION	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	134.6	115.6	116%	7	317.6	338.3	94%	4	094-Asprokremmos	7, 1, 5, 2, 2, 1	0.28	-0.31	-0.12	-0.25	-0.08	-0.62	-0.42	-0.74	0.30
2-Polis	135.7	109.8	124%	8	322.6	322.1	100%	5	063-Evretou	2, 4, 1, 4, 1, 2	0.43	-0.10	0.01	-0.13	0.20	-0.46	-0.28	-0.50	0.37
3-Morfou	71.9	83.5	86%	4	189.1	240.4	79%	3	370-Kapoura	11, 3, 4, 3, 2, 1	-0.19	-0.69	-0.53	-0.44	-0.33	-0.86	-0.71	-0.78	0.47
6-Lefkosia	76.4	62.1	123%	8	183.2	192.2	95%	5	565-Politiko (Tamasos)	11, 4, 4, 3, 1, 1	0.44	-0.26	0.00	0.28	0.44	-0.19	0.17	-0.22	0.99
7-Kokkinochoria	131.5	68.3	192%	9	187.4	209.6	89%	5	845-Frenaros	9, 2, 1, 1, 4, 2, 2	1.31	-0.11	-0.22	-0.35	-0.42	-0.18	-0.49	-0.47	0.84
8-Larnaka	95.7	78.5	122%	8	206.3	241.8	85%	4	592-Lefkara	9, 2, 1, 4, 2, 1	0.41	-0.42	-0.13	-0.09	-0.19	-0.87	-0.51	-0.87	0.64
9-Lemesos	113.2	106.9	106%	7	253.8	310.3	82%	3	313-Kouris	7, 1, 1, 4, 5	0.12	-0.55	-0.51	-0.65	-0.65	-1.10	-0.87	-1.12	0.39
CYPRUS	107.8	92.9	116%	8	243.2	274.3	89%	4			0.30	-0.42	-0.26	-0.31	-0.20	-0.76	-0.54	-0.81	0.54

Graph 1



Note: Actual Cumul. Precip. = From the beginning of the current Hydrological Year. => (Oct.2023-Jan.2024)

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