

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

Table 1

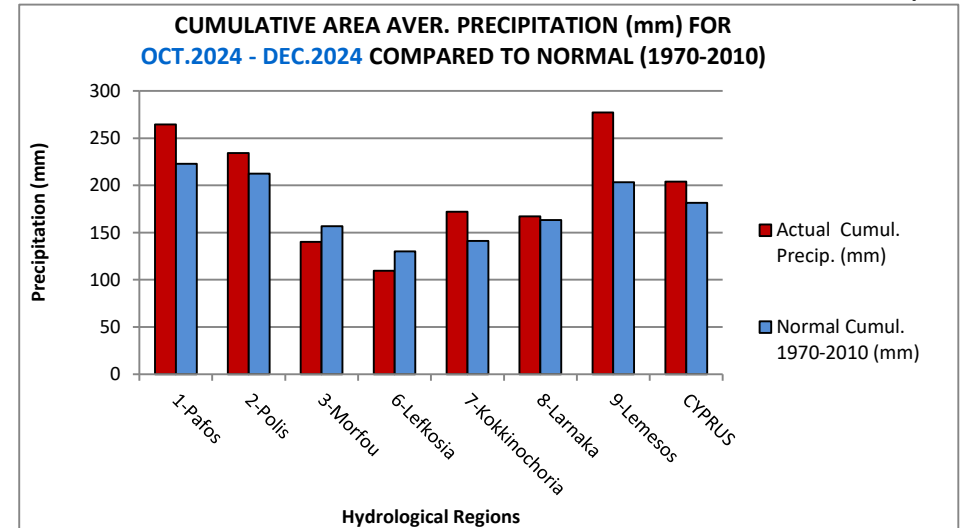
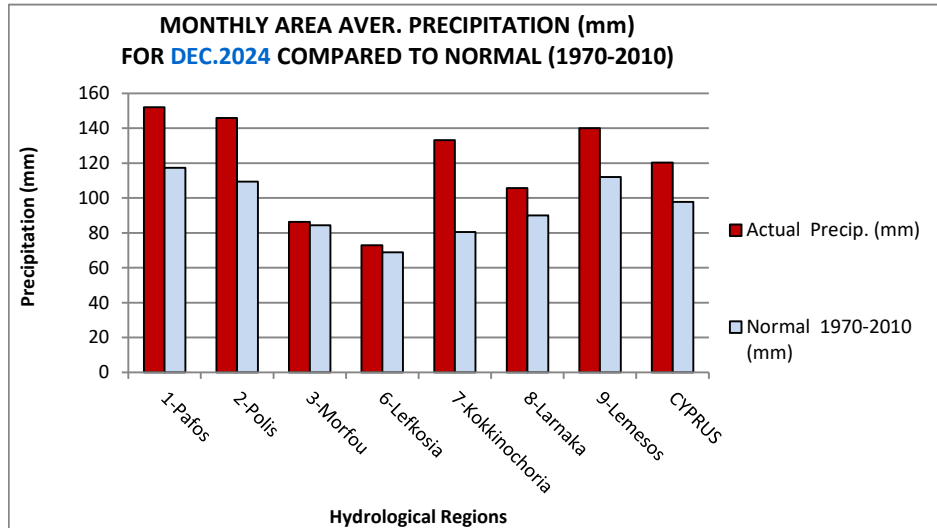
Table 1	PRECIPITATION (mm)								DRY SPELLS		STANDARDIZED PRECIPITATION INDEX (SPI-n)								
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.														
HYDROLOGICAL REGION	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles	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
1-Pafos	152.1	117.3	130%	7	264.5	222.7	119%	7	094-Asprokremmos	1, 4, 8, 4, 1, 1	0.55	0.52	0.51	0.23	-0.36	-0.66	-0.43	-0.56	-0.64
2-Polis	145.8	109.4	133%	8	234.3	212.3	110%	7	063-Evretou	2, 3, 8, 4, 1, 1, 1	0.58	0.32	0.31	0.03	-0.55	-0.68	-0.47	-0.61	-0.62
3-Morfou	86.4	84.4	102%	5	140.2	156.9	89%	4	370-Kapoura	2, 12, 4, 1, 3, 1	0.23	-0.14	0.12	-0.04	-0.74	-0.73	-0.98	-1.03	-0.81
6-Lefkosia	72.9	68.8	106%	6	109.5	130.2	84%	4	565-Politiko (Tamasos)	2, 12, 4, 1, 2, 1	0.29	-0.19	0.18	0.41	0.12	0.36	-0.04	0.13	0.01
7-Kokkinochoria	133.2	80.6	165%	8	172.1	141.2	122%	7	845-Frenaros	1, 12, 4, 1, 4, 1	0.96	0.57	0.59	0.41	0.68	0.33	-0.06	-0.56	-0.31
8-Larnaka	105.7	90.1	117%	6	167.0	163.3	102%	5	592-Lefkara	2, 12, 4, 1, 1, 1	0.42	0.17	0.58	0.71	0.26	-0.12	-0.43	-0.42	-0.65
9-Lemesos	140.0	112.1	125%	7	277.3	203.3	136%	8	313-Kouris	2, 3, 8, 4, 3, 1	0.50	0.87	0.97	0.87	0.09	-0.59	-0.59	-0.65	-0.69
CYPRUS	120.3	97.8	123%	7	204.0	181.4	112%	6			0.48	0.39	0.54	0.44	-0.15	-0.48	-0.54	-0.62	-0.66

Graph 1



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