

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

Table 1

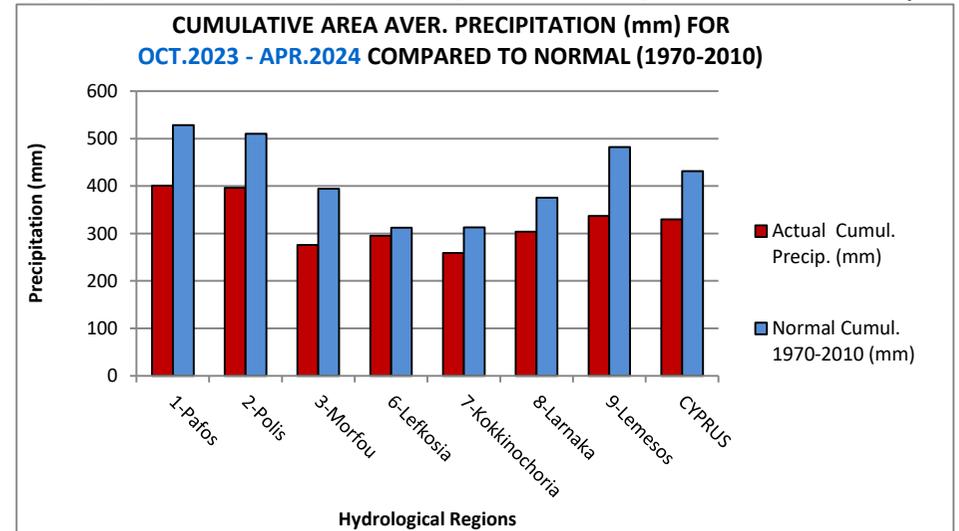
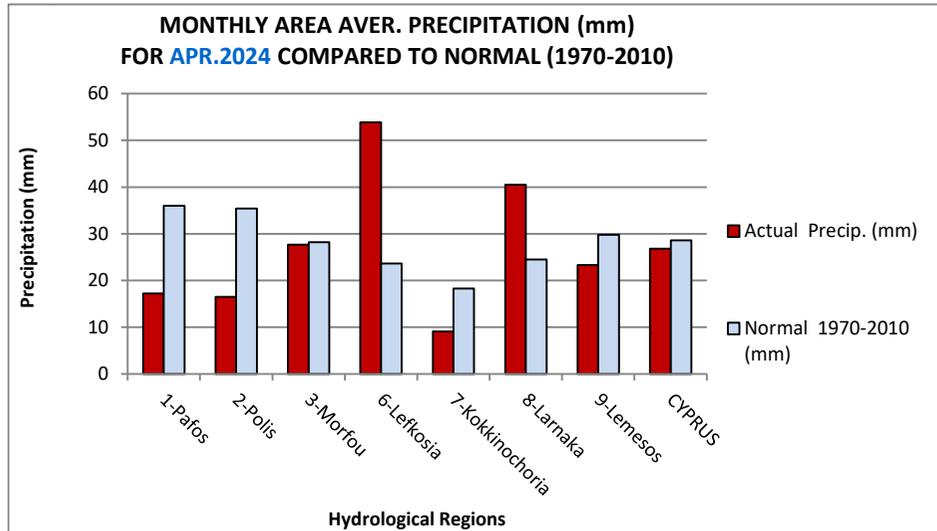
HYDROLOGICAL REGION	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	17.3	36.0	48%	3	400.5	528.5	76%	2	094-Asprokremmos	30	-0.53	-1.71	-1.08	-0.86	-0.96	-0.84	-0.47	-1.10	-0.32
2-Polis	16.5	35.4	47%	2	396.5	510.1	78%	2	063-Evretou	30	-0.59	-1.94	-1.03	-0.88	-0.98	-0.77	-0.47	-0.98	-0.25
3-Morfou	27.7	28.2	98%	6	275.6	394.5	70%	1	370-Kapoura	7, 21	0.27	-1.08	-1.24	-1.03	-0.93	-0.88	-0.69	-1.19	-0.28
6-Lefkosia	53.9	23.7	228%	9	295.2	312.4	95%	4	565-Politiko (Tamasos)	7, 1, 19	1.44	0.12	-0.25	0.00	0.23	0.22	0.50	-0.22	0.31
7-Kokkinochoria	9.1	18.3	50%	3	258.6	312.6	83%	3	845-Frenaros	7, 1, 20	-0.38	-0.38	-0.40	-0.45	-0.60	0.02	-0.25	-0.75	0.11
8-Larnaka	40.5	24.5	165%	8	304.0	375.6	81%	2	592-Lefkara	7, 21	1.04	-0.38	-0.64	-0.35	-0.31	-0.61	-0.23	-1.02	-0.24
9-Lemesos	23.3	29.8	78%	6	337.2	482.3	70%	1	313-Kouris	7, 1, 20	0.01	-1.45	-1.20	-1.11	-1.21	-1.15	-0.85	-1.53	-0.39
CYPRUS	26.8	28.6	94%	6	329.7	431.4	76%	1			0.19	-1.20	-1.00	-0.81	-0.83	-0.78	-0.48	-1.17	-0.25

Graph 1



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