

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

Table 1

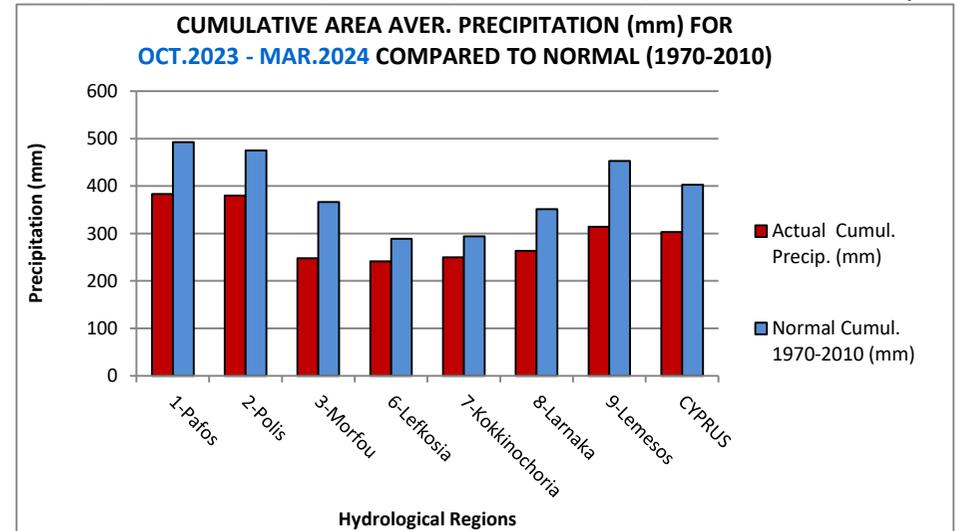
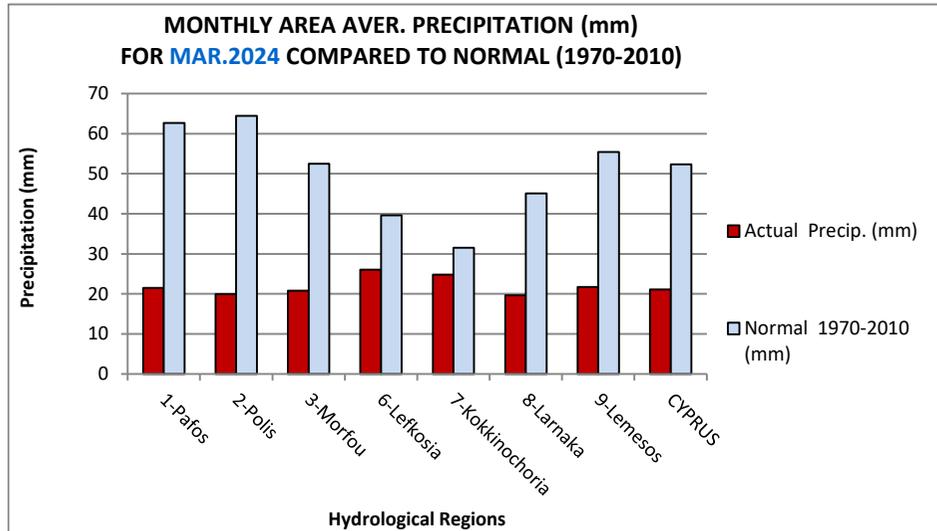
HYDROLOGICAL REGION	PRECIPITATION (mm)				DRY SPELLS				STANDARDIZED PRECIPITATION INDEX (SPI-n)										
	Monthly Area Aver. Precip.		Cumul. Area Aver. Precip.		Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)				SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	21.5	62.6	34%	1	383.3	492.5	78%	2	094-Asprokremmos	14, 16	-1.10	-0.76	-0.86	-0.75	-0.77	-0.97	-0.48	-1.06	-0.25
2-Polis	19.9	64.5	31%	1	380.0	474.7	80%	2	063-Evretou	5, 8, 4, 11	-1.13	-0.83	-0.82	-0.78	-0.78	-0.90	-0.48	-0.83	-0.20
3-Morfou	20.8	52.5	40%	1	247.9	366.3	68%	1	370-Kapoura	17, 1, 11	-0.92	-1.07	-1.20	-1.12	-0.79	-1.12	-0.78	-1.19	-0.23
6-Lefkosia	26.0	39.6	66%	3	241.4	288.7	84%	3	565-Politiko (Tamasos)	17, 13	-0.27	-0.19	-0.40	-0.37	0.10	-0.17	0.24	-0.39	0.21
7-Kokkinochoria	24.8	31.5	79%	5	249.5	294.3	85%	3	845-Frenaros	2, 2, 1, 8, 1, 11	0.00	0.75	-0.37	-0.38	-0.49	-0.07	-0.31	-0.77	0.11
8-Larnaka	19.6	45.1	43%	2	263.5	351.1	75%	2	592-Lefkara	17, 13	-0.59	-0.32	-0.76	-0.53	-0.41	-0.91	-0.42	-1.10	-0.25
9-Lemesos	21.8	55.4	39%	1	313.9	452.5	69%	1	313-Kouris	14, 4, 4, 6	-0.93	-0.83	-1.13	-1.08	-1.20	-1.34	-0.92	-1.54	-0.32
CYPRUS	21.1	52.3	40%	1	302.9	402.7	75%	2			-0.95	-0.67	-0.93	-0.84	-0.76	-1.00	-0.56	-1.16	-0.21

Graph 1



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