

AREA AVERAGE PRECIPITATION (mm), DRY SPELLS AND STANDARDIZED PRECIPITATION INDEX (SPI) PER HYDROLOGICAL REGION
MONTH: FEBRUARY 2023

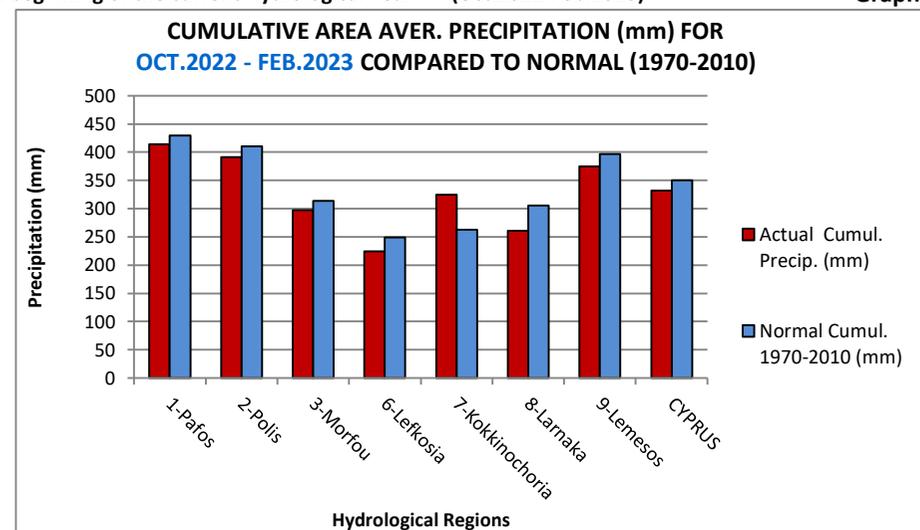
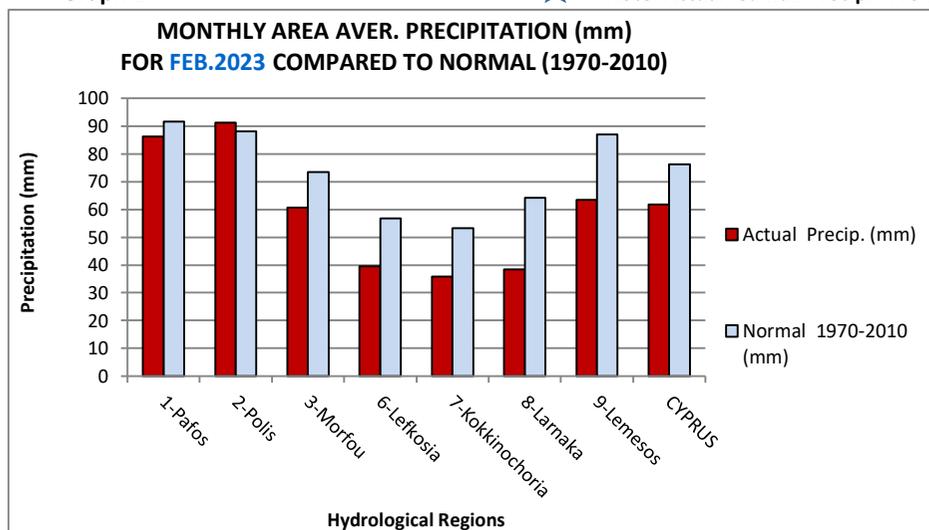
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	86.2	91.5	94%	6	414.23	429.849	96%	5	094-Asprokremmos	1,22	0.12	-1.03	-0.14	-0.22	-0.61	-0.05	-0.72	0.31	1.28
2-Polis	91.3	88.1	104%	6	391.66	410.248	95%	5	063-Evretou	1,17,4	0.29	-1.13	-0.22	-0.25	-0.63	-0.05	-0.58	0.27	1.06
3-Morfou	60.7	73.4	83%	5	297.1	313.786	95%	5	370-Kapoura	1,2,18	0.00	-0.66	-0.14	-0.19	-0.60	-0.22	-0.54	0.40	1.81
6-Lefkosia	39.4	56.8	69%	4	224.45	249.058	90%	4	565-Politiko(Tamasos)	1,23	-0.16	-0.65	-0.11	-0.05	-0.54	0.14	-0.41	0.31	1.42
7-Kokkinochoria	35.8	53.3	67%	4	325.13	262.828	124%	8	845-Frenaros	1,23	-0.18	0.42	0.74	0.72	0.40	0.04	-0.39	0.52	1.08
8-Larnaka	38.3	64.2	60%	3	260.5	305.954	85%	3	592-Lefkara	1,23	-0.44	-0.99	-0.39	-0.41	-0.90	-0.20	-0.78	0.24	1.20
9-Lemesos	63.4	86.9	73%	3	374.54	397.135	94%	5	313-Kouris	1,8,13	-0.29	-1.02	-0.17	-0.26	-0.68	-0.20	-0.80	0.52	1.68
CYPRUS	61.8	76.2	81%	4	332.2	350.435	95%	5			-0.10	-0.92	-0.16	-0.21	-0.64	-0.11	-0.70	0.40	1.52

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. => (Oct.2022-Feb.2023)

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