

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

MONTH: FEBRUARY 2022

Table 1

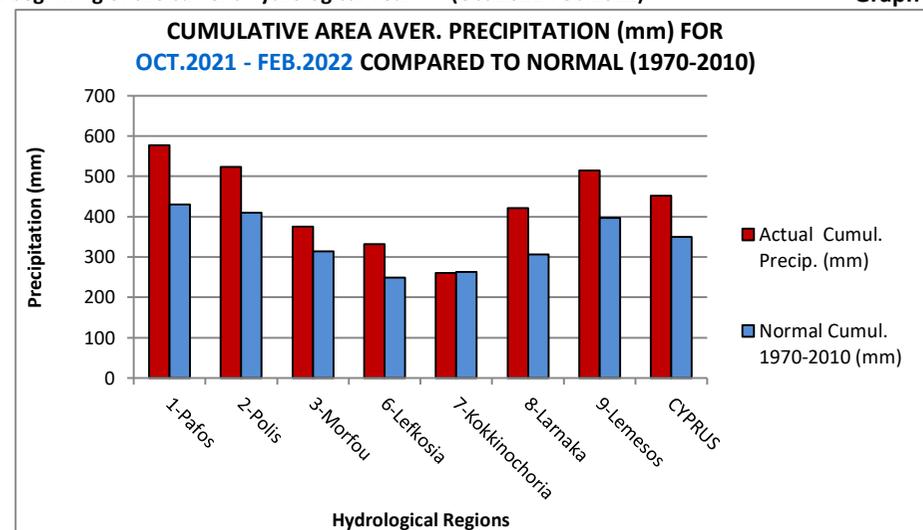
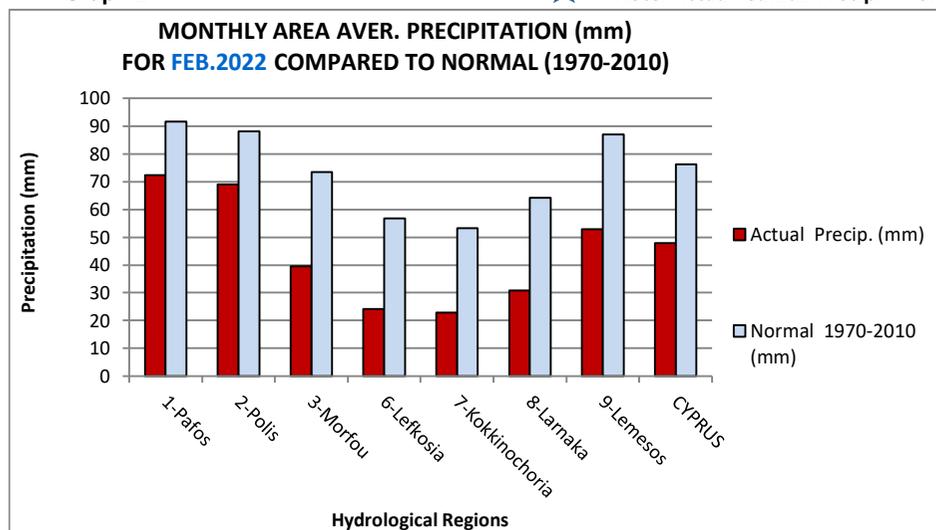
Hydrological Region	PRECIPITATION (mm)								DRY SPELLS Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.					SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	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	72.3	91.5	79%	5	576.7	429.8	134%	9	094-Asprokremmos	1,2,1,14,2	-0.23	1.39	0.96	0.91	0.55	-0.33	0.74	1.67	1.58
2-Polis	69.0	88.1	78%	4	523.9	410.2	128%	9	063-Evretou	2,2,1,8,5,3	-0.25	1.26	0.83	0.83	0.57	-0.16	0.69	1.47	1.31
3-Morfou	39.6	73.4	54%	2	375.1	313.8	120%	8	370-Kapoura	2,4,5,3,4,3	-0.65	1.00	0.68	0.62	0.31	-0.13	0.82	2.18	1.82
6-Lefkosia	24.2	56.8	43%	2	331.6	249.1	133%	8	565-Politiko	2,5,12,2,3	-0.75	1.30	1.13	1.10	0.72	0.01	0.72	1.78	1.33
7-Kokkinochoria	22.8	53.3	43%	2	261.0	262.8	99%	7	845-Frenaros	2,5,14,3	-0.69	0.38	0.11	0.08	-0.23	-0.64	0.41	0.99	0.72
8-Larnaka	30.9	64.2	48%	3	422.0	306.0	138%	9	592-Lefkara	2,4,14,3	-0.71	1.34	1.06	1.01	0.59	-0.16	0.83	1.67	1.50
9-Lemesos	52.9	86.9	61%	3	515.3	397.1	130%	9	313-Kouris	2,2,1,14,3	-0.60	1.25	0.82	0.74	0.43	-0.33	1.01	2.06	2.03
CYPRUS	47.8	76.2	63%	3	452.7	350.4	129%	9			-0.55	1.28	0.90	0.86	0.50	-0.25	0.86	1.90	1.73

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. => (Oct.2021-Feb.2022)

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)		SPI VALUES (According to WMO-No.1090)	
0 to -0.99	Mild drought	1.0 to 1.49	moderately wet
-1.0 to -1.49	Moderate drought	-0.99 to 0.99	near normal
-1.5 to -1.99	Severe drought	-1.0 to -1.49	moderately dry
-2 and less	Extreme drought	-1.5 to -1.99	severely dry
		-2 and less	extremely dry