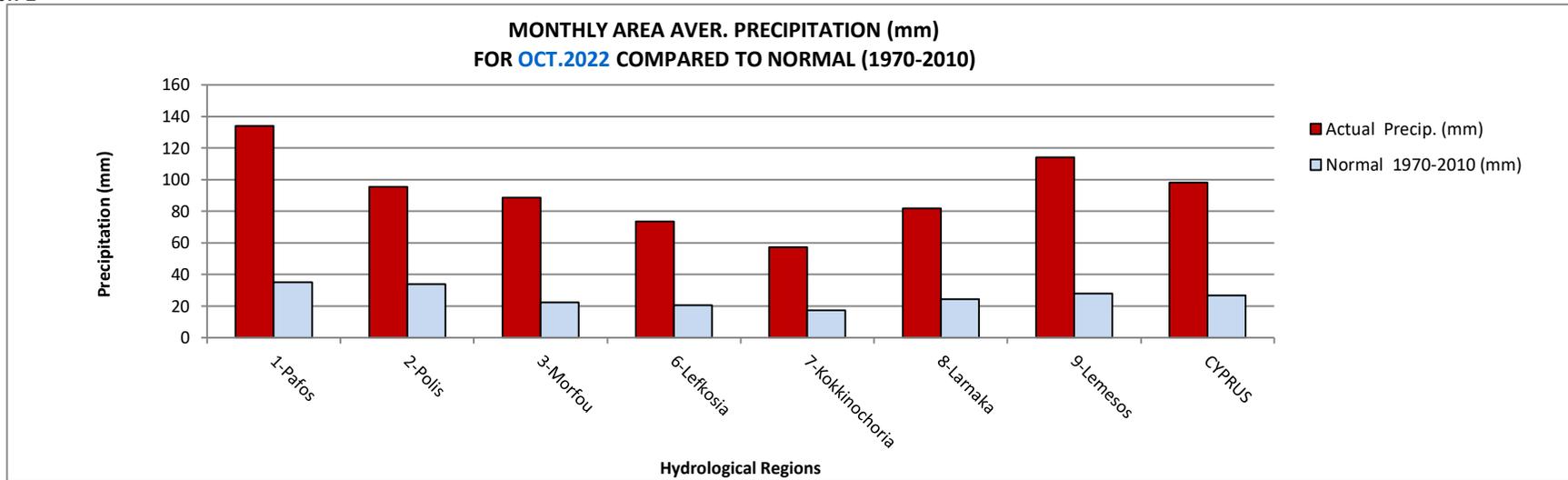


DEPARTMENT OF METEOROLOGY
AREA AVERAGE PRECIPITATION (mm), DRY SPELLS AND STANDARDIZED PRECIPITATION INDEX (SPI) PER HYDROLOGICAL REGION
MONTH: OCTOBER 2022

Table 1

Hydrological Region	PRECIPITATION (mm)				DRY SPELLS	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly 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											
1-Pafos	134.0	34.9	383%	9	094-Asprokremmos	14,1,12	2.19	1.92	1.43	0.25	1.29	0.20	0.65	1.78	1.76
2-Polis	95.5	33.9	281%	9	063-Evretou	14,12	1.69	1.48	0.93	-0.08	1.03	0.18	0.57	1.40	1.40
3-Morfou	88.7	22.4	396%	9	370-Kapoura	14,2,11	1.87	1.57	0.90	-0.15	0.78	0.13	0.50	1.70	2.14
6-Lefkosia	73.5	20.6	357%	9	565-Politiko(Tamasos)	14,1,1,10	1.80	1.70	1.12	-0.09	1.08	0.36	0.37	1.68	1.58
7-Kokkinochoria	57.2	17.4	329%	9	845-Frenaros	15,14	1.79	1.65	1.15	-0.28	0.24	-0.37	0.19	1.27	0.79
8-Larnaka	82.0	24.4	336%	9	592-Lefkara	15,1,1,10	1.91	1.64	1.03	-0.40	1.06	0.04	0.32	1.77	1.67
9-Lemesos	114.1	27.9	409%	9	313-Kouris	14,1,12	2.18	1.89	1.31	-0.09	1.13	0.03	0.57	2.15	2.19
CYPRUS	98.1	26.8	367%	9			2.10	1.97	1.27	-0.08	1.14	0.13	0.55	1.92	1.95

Graph 1



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

8-9 = Above Average

2-3 = Below Average

4-7 = Average

10 = Highest on Record, very much above aver.

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

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