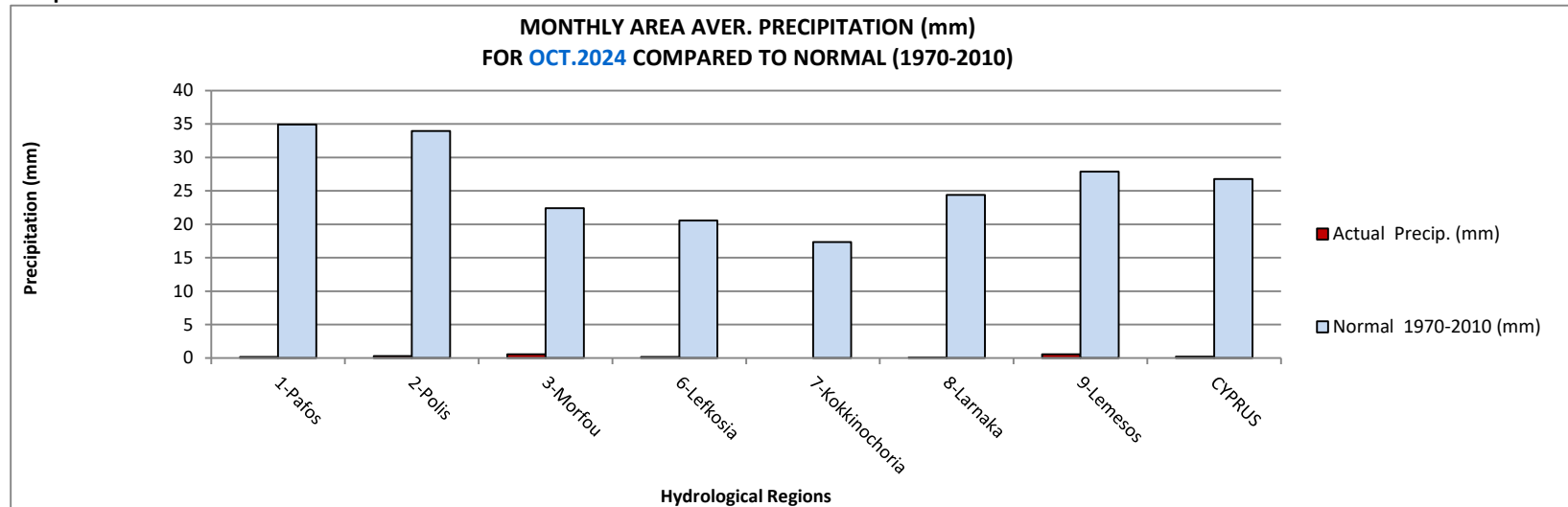


DEPARTMENT OF METEOROLOGY
AREA AVERAGE PRECIPITATION (mm), DRY SPELLS AND STANDARDIZED PRECIPITATION INDEX (SPI-n) PER HYDROLOGICAL REGION
MONTH: OCTOBER 2024

Table 1	PRECIPITATION (mm)				DRY SPELLS		STANDARDIZED PRECIPITATION INDEX (SPI-n)								
	Monthly Area Aver. Precip.						SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	SPI-60
HYDROLOGICAL REGION	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)										
1-Pafos	0.2	34.9	0%	1	094-Asprokremmos	31	-1.60	-1.17	-1.12	-2.19	-1.48	-1.45	-0.37	-0.96	-0.50
2-Polis	0.3	33.9	1%	1	063-Evretou	31	-1.60	-1.50	-1.16	-2.27	-1.43	-1.26	-0.40	-0.85	-0.45
3-Morfou	0.6	22.4	2%	1	370-Kapoura	31	-1.64	-0.25	-0.32	-1.12	-1.39	-1.31	-0.63	-1.00	-0.62
6-Lefkosia	0.2	20.6	1%	1	565-Politiko (Tamasos)	31	-2.09	0.15	0.02	-0.02	-0.32	-0.15	0.52	0.10	0.12
7-Kokkinochoria	0.0	17.4	0%	1	845-Frenaros	31	-1.34	-0.92	-0.92	-0.87	-0.68	-0.36	-0.22	-0.67	-0.21
8-Larnaka	0.1	24.4	0%	1	592-Lefkara	31	-1.79	0.58	0.47	-0.17	-0.53	-0.77	0.00	-0.68	-0.43
9-Lemesos	0.6	27.9	2%	1	313-Kouris	31	-1.84	-0.21	-0.14	-1.44	-1.36	-1.61	-0.60	-1.27	-0.76
CYPRUS	0.2	26.8	1%	1			-1.79	-0.51	-0.42	-1.38	-1.23	-1.25	-0.34	-0.94	-0.53

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

2-3 = Below Average

4-7 = Average

8-9 = Above Average

10 = Highest on Record, very much above aver.

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	