

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

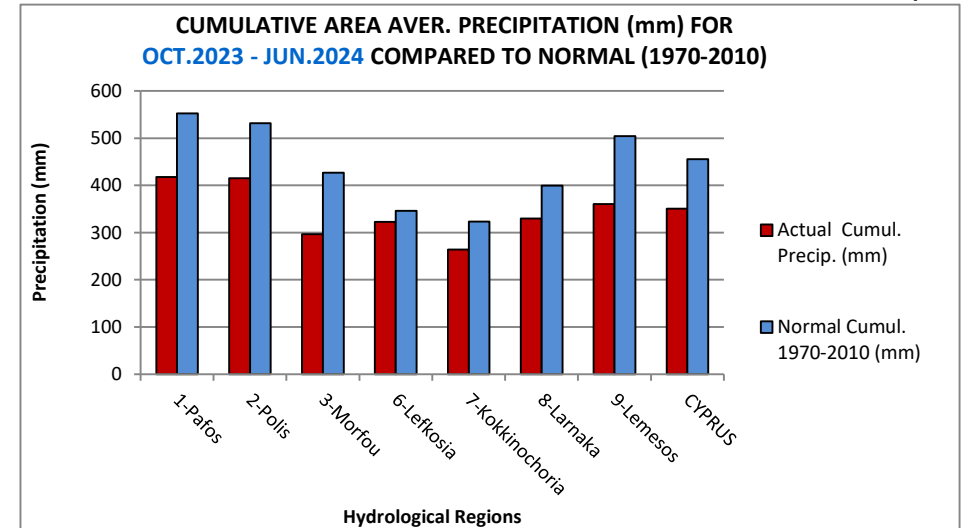
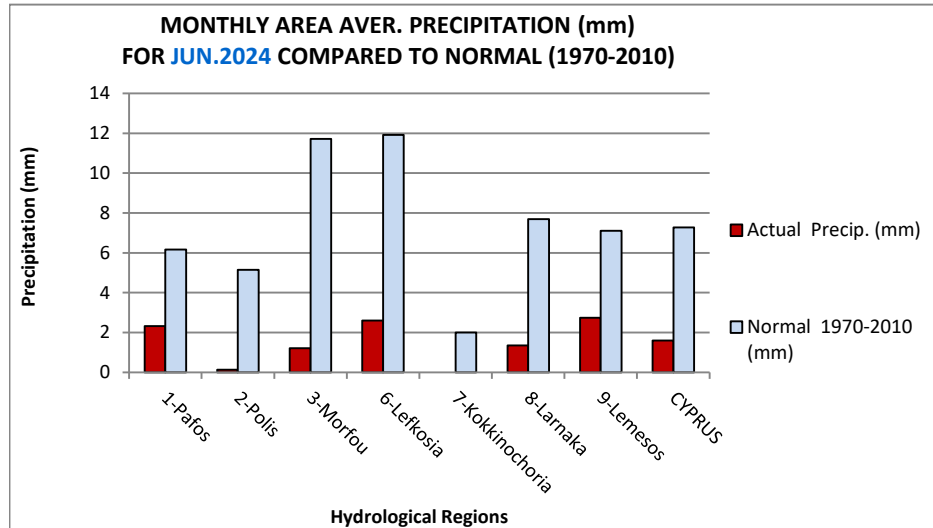
Table 1	PRECIPITATION (mm)								DRY SPELLS		STANDARDIZED PRECIPITATION INDEX (SPI-n)								
	Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.														
HYDROLOGICAL REGION	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles	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
1-Pafos	2.3	6.2	38%	4	417.9	552.1	76%	2	094-Asprokremmos	30	-0.30	-0.64	-1.03	-1.07	-0.94	-0.79	-0.41	-1.07	-0.35
2-Polis	0.1	5.1	3%	2	415.0	531.7	78%	2	063-Evretou	30	-0.59	-0.51	-1.06	-1.00	-0.95	-0.73	-0.42	-0.95	-0.26
3-Morfou	1.2	11.7	10%	3	296.8	426.9	70%	1	370-Kapoura	30	-0.84	-0.13	-1.08	-1.25	-1.17	-0.87	-0.65	-1.17	-0.32
6-Lefkosia	2.6	11.9	22%	4	322.7	346.3	93%	5	565-Politiko (Tamasos)	8, 21	-0.58	0.75	0.12	-0.15	-0.12	0.22	0.62	-0.12	0.31
7-Kokkinochoria	0.0	2.0	0%	1	264.4	323.6	82%	3	845-Frenaros	30	0.00	-0.58	0.55	-0.54	-0.53	0.04	-0.20	-0.73	0.04
8-Larnaka	1.4	7.7	18%	4	329.8	399.6	83%	3	592-Lefkara	30	-0.72	0.76	-0.10	-0.57	-0.36	-0.53	-0.12	-0.96	-0.19
9-Lemesos	2.7	7.1	39%	4	360.7	504.4	72%	1	313-Kouris	30	-0.28	0.05	-0.91	-1.23	-1.16	-1.07	-0.75	-1.49	-0.41
CYPRUS	1.6	7.3	22%	3	350.4	455.4	77%	1			-0.70	0.00	-0.73	-0.98	-0.88	-0.72	-0.40	-1.13	-0.27

Graph 1



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