

DEPARTMENT OF METEOROLOGY

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

MONTH: JANUARY 2025

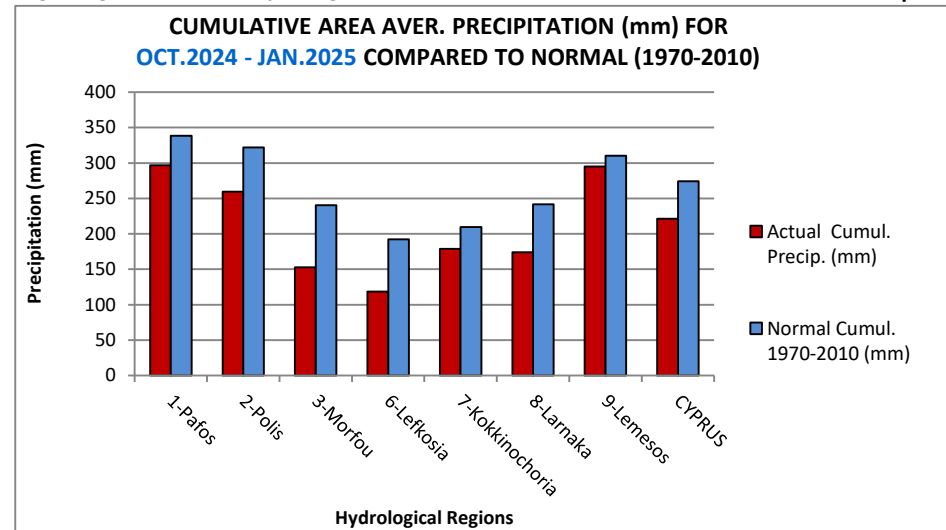
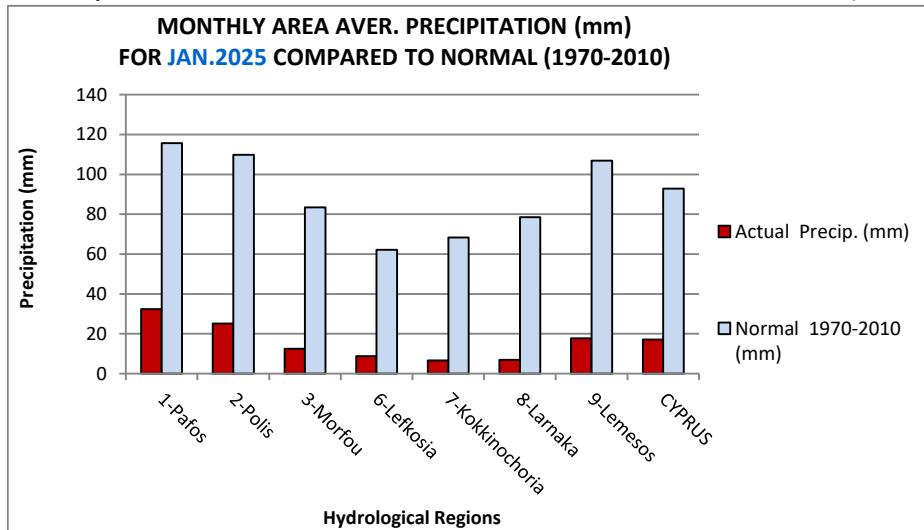
Hydrological Region	PRECIPITATION (mm)				PRECIPITATION (mm)				DRY SPELLS		STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Monthly Area Aver. Precip.		Cumul. Area Aver. Precip.		Monthly Area Aver. Precip.		Cumul. Area Aver. Precip.				Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)		SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles												
1-Pafos	32,4	115,6	28%	1	296,9	338,3	88%	4	094-Asprokremmos	11,9,1,6	-1,75	-0,05	-0,41	-0,49	-1,18	-0,91	-1,29	-1,04	-1,29	
2-Polis	25,2	109,8	23%	1	259,5	322,1	81%	3	063-Evretou	21, 8	-2,07	-0,29	-0,71	-0,74	-1,50	-0,90	-1,31	-1,11	-1,21	
3-Morfou	12,4	83,5	15%	1	152,6	240,4	64%	1	370-Kapoura	21, 9	-2,36	-0,80	-0,95	-0,98	-1,33	-1,24	-1,59	-1,49	-1,51	
6-Lefkosia	8,8	62,1	14%	1	118,3	192,2	62%	1	565-Politiko(Tamasos)	21, 9	-2,11	-0,66	-0,66	-0,67	-0,54	-0,10	-0,59	-0,23	-0,58	
7-Kokkinochoria	6,6	68,3	10%	1	178,7	209,6	85%	4	845-Frenaros	11,9,1,7	-2,49	-0,05	-0,27	-0,35	-0,54	-0,78	-0,59	-0,82	-0,80	
8-Larnaka	6,9	78,5	9%	1	173,9	241,8	72%	2	592-Lefkara	21, 9	-2,58	-0,42	-0,32	-0,30	-0,50	-0,55	-1,16	-0,85	-1,22	
9-Lemesos	17,6	106,9	17%	1	294,9	310,3	95%	5	313-Kouris	21,1,7	-2,10	0,15	-0,01	-0,01	-0,63	-0,98	-1,44	-1,25	-1,50	
CYPRUS	17,1	92,9	18%	1	221,1	274,3	81%	3			-2,22	-0,25	-0,46	-0,49	-0,99	-0,90	-1,34	-1,13	-1,38	

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. => (Oct.2024-Jan.2025)

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 to -0.99	Mild drought
-0.99 to 0.99	near normal
-1.0 to -1.49	Moderate drought
-1.0 to -1.49	moderately dry
-1.5 to -1.99	Severe drought
-1.5 to -1.99	severely dry
-2 and less	Extreme drought
-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