

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

MONTH: OCTOBER 2021

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 (According to 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

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.					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	5.4	34.9	15%	1	094-Asprokremmos	31	-1.29	-1.34	-2.10	-2.22	-1.18	-0.08	1.33	1.25	1.04
2-Polis	5.1	33.9	15%	1	063-Evretou	15	-1.34	-1.15	-1.73	-1.66	-0.82	0.02	1.03	1.00	0.96
3-Morfou	7.4	22.4	33%	3	370-Kapoura	9, 1, 3	-0.73	0.04	-0.87	-1.45	-0.62	0.06	1.41	1.80	1.49
6-Lefkosia	10.6	20.6	52%	4	565-Politiko(Tamasos)	27, 3	-0.34	0.92	-0.04	-1.01	-0.62	-0.32	1.23	1.11	0.71
7-Kokkinochoria	9.5	17.4	55%	5	845-Frenaros	18, 8, 3	-0.31	-0.32	-0.92	-1.93	-0.78	0.13	1.30	0.77	0.28
8-Larnaka	10.1	24.4	41%	3	592-Lefkara	26, 4	-0.72	0.09	-0.88	-2.00	-1.15	-0.35	1.33	1.15	0.73
9-Lemesos	3.3	27.9	12%	1	313-Kouris	31	-1.51	-1.42	-2.45	-2.42	-1.25	-0.08	1.74	1.64	1.64
CYPRUS	6.6	26.8	25%	1			-1.09	-0.65	-1.47	-2.09	-1.07	-0.11	1.47	1.41	1.21

Note 1 (SPI According to):

Desert Action, IES(Institute for Environment and Sustainability) and JRC (European Commission)

SPI-1 to SPI-3 are indicators for immediate impacts such as reduced soil moisture, snowpack, and flow in smaller creeks

SPI-3 to SPI-12 are indicators for reduced stream flow and reservoir storage

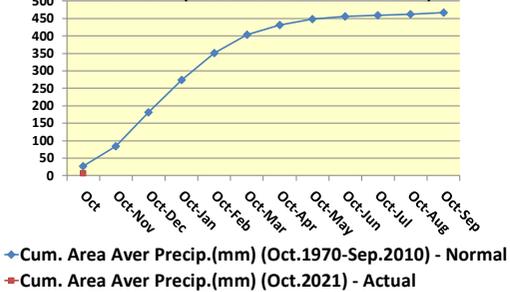
SPI-12 to SPI-48 are indicators for reduced reservoir and groundwater recharge

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 Average

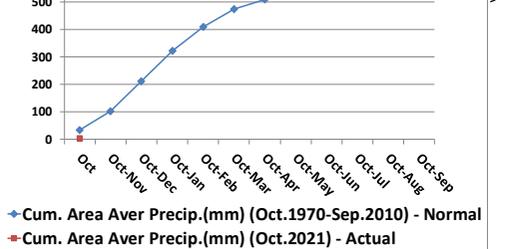
Cumulative Area Average Precipitation (mm)

CYPRUS (Area under Government Control)



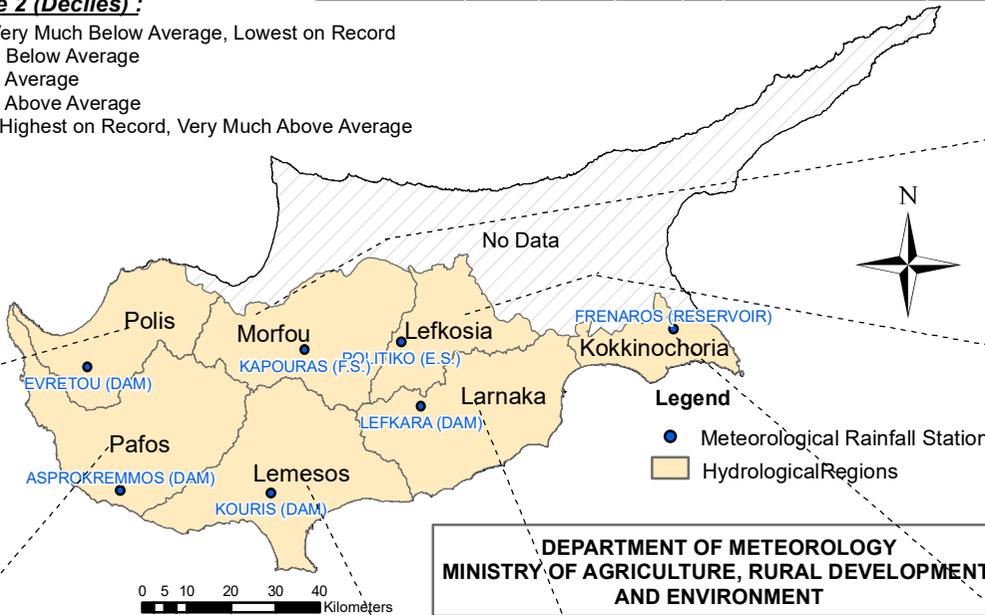
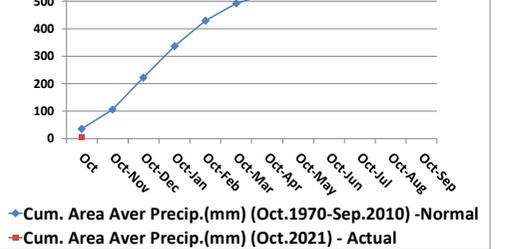
Cumulative Area Average Precipitation (mm)

Hydrological Region 2 (Polis)



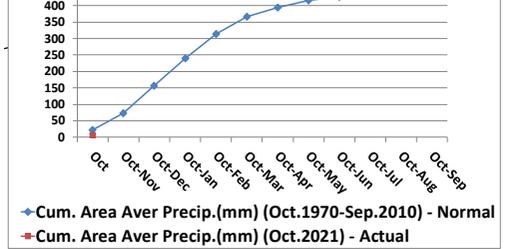
Cumulative Area Average Precipitation (mm)

Hydrological Region 1 (Pafos)



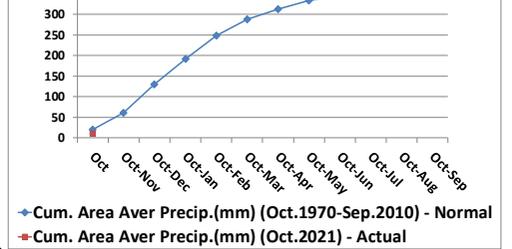
Cumulative Area Average Precipitation (mm)

Hydrological Region 3 (Morfou)



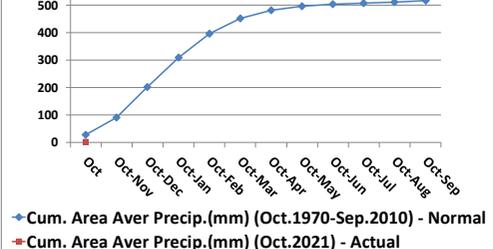
Cumulative Area Average Precipitation (mm)

Hydrological Region 6 (Lefkosia)



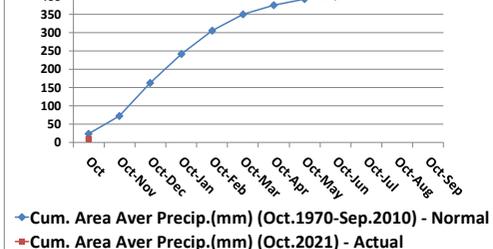
Cumulative Area Average Precipitation (mm)

Hydrological Region 9 (Lemesos)



Cumulative Area Average Precipitation (mm)

Hydrological Region 8 (Larnaka)



Cumulative Area Average Precipitation (mm)

Hydrological Region 7 (Kokkinochoria)

