AREA AVERAGE PRECIPITATION (mm) AND STANDARDIZED PRECIPITATION INDEX (SPI-n) PER HYDROLOGICAL REGION
MONTH: OCTOBER 2023

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

SPI VALUES (According to WMO-No.1090)

SPI	Category	
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	

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

Hydrological Region	PRECIPITATION (mm) Monthly Area Aver. Precip.				DRY SPELLS Dry Spells Periods for selected Meteorological Rainfall Stations (Dry days: <=2.0 mm)		STANDARDIZED PRECIPITATION INDEX (SPI-n)								
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles			SPI-1	SPI-3	SPI-6	SPI-9	SPI-12	SPI-24	SPI-36	SPI-48	SPI-60
1-Pafos	50.9	34.9	146%	8	094-Asprokremmos	1, 11, 3, 12	0.68	0.88	0.45	0.44	-0.64	0.49	-0.23	0.23	1.41
2-Polis	44.4	33.9	131%	7	063-Evretou	17, 13	0.52	0.62	0.20	0.57	-0.39	0.45	-0.11	0.27	1.13
3-Morfou	29.9	22.4	134%	7	370-Kapoura	12, 16	0.46	0.57	0.52	0.31	-0.51	0.20	-0.22	0.15	1.39
6-Lefkosia	39.5	20.6	192%	9	565-Politiko (Tamasos)	1, 7, 4, 16	0.92	0.88	1.11	1.07	0.15	0.82	0.36	0.36	1.63
7-Kokkinochoria	13.0	17.4	75%	5	845-Frenaros	20, 10	-0.10	-0.13	-0.57	-0.50	0.17	0.22	-0.28	0.19	1.25
8-Larnaka	32.5	24.4	133%	8	592-Lefkara	8, 4, 3, 12	0.51	1.08	0.95	0.38	-0.51	0.40	-0.32	-0.05	1.48
9-Lemesos	33.0	27.9	118%	7	313-Kouris	1, 7, 6, 13	0.37	0.47	0.05	-0.21	-0.92	0.21	-0.54	0.02	1.73
CYPRUS	36.5	26.8	136%	7			0.56	0.76	0.49	0.35	-0.57	0.42	-0.26	0.16	1.62

Cumulative Area Average Precipitation (mm)
CYPRUS (Area under Government Control)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

DEPARTMENT OF METEOROLOGY
MINISTRY OF AGRICULTURE, RURAL DEVELOPMENT AND ENVIRONMENT

Cumulative Area Average Precipitation (mm)
Hydrological Region 3 (Morfou)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

Cumulative Area Average Precipitation (mm)
Hydrological Region 2 (Polis)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

Cumulative Area Average Precipitation (mm)
Hydrological Region 6 (Lefkosia)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

No Data

Polis
Morfou
Lefkosia
Kokkinochoria
FRENAROS (RESERVOIR)
KAPOURAS (F.S.)
POLITIKO (E.S.)
EVRETOU (DAM)
Pafos
Larnaka
LEFKARA (DAM)
Lemesos
ASPROKREMMOS (DAM)
KOURIS (DAM)

Legend
- Meteorological Rainfall Stations
- HydrologicalRegions

0 5 10 20 30 40 Kilometers

N

Cumulative Area Average Precipitation (mm)
Hydrological Region 1 (Pafos)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

Cumulative Area Average Precipitation (mm)
Hydrological Region 9 (Lemesos)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

Cumulative Area Average Precipitation (mm)
Hydrological Region 8 (Larnaka)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

Cumulative Area Average Precipitation (mm)
Hydrological Region 7 (Kokkinochoria)

- Cum. Area Aver Precip.(mm) (Oct.1970-Sep.2010) - Normal
- Cum. Area Aver Precip.(mm) (Oct.2023) - Actual

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