

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

MONTH: OCTOBER 2019

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	STANDARDIZED PRECIPITATION INDEX (SPI-n)									
	Actual Precip. (mm)	Normal 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
1-Pafos	40.8	34.9	117%	7	094-Asprokremmos	26, 4	0.43	0.61	0.45	1.21	2.36	1.78	1.37	0.47	0.73
2-Polis	47.8	33.9	141%	8	063-Evretou	22, 4, 3	0.65	0.74	0.49	0.94	1.75	1.37	1.18	0.28	0.69
3-Morfou	61.7	22.4	275%	9	370-Kapoura	22, 3, 4	1.38	1.59	1.04	1.67	2.08	2.08	1.64	0.61	0.98
6-Lefkosia	52.3	20.6	254%	9	565-Politiko(Tamasos)	19, 2, 3, 4	1.32	1.43	0.85	2.09	2.23	1.64	1.16	0.22	0.60
7-Kokkinochoria	48.2	17.4	278%	9	845-Frenaros	14, 4, 1, 1, 1, 3	1.55	1.51	1.37	2.42	2.01	0.95	0.33	-0.58	-0.60
8-Larnaka	75.7	24.4	310%	9	592-Lefkara	22, 3, 3	1.83	2.03	1.43	2.65	2.45	1.75	1.18	0.26	0.88
9-Lemesos	89.3	27.9	320%	9	313-Kouris	14, 6, 2, 4	1.86	2.03	1.72	2.25	2.85	2.18	1.89	1.00	1.45
CYPRUS	61.4	26.8	229%	9			1.35	1.57	1.19	2.05	2.51	1.90	1.48	0.48	0.92

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

