

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

MONTH: DECEMBER 2018

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.				Cumul. 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	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles											
1-Pafos	232.9	117.3	199%	9	361.6	222.7	162%	9	094-Asprokremmos	2, 2, 2, 2, 5, 3	1.33	1.39	1.36	1.41	1.20	0.29	0.09	-0.01	-0.33
2-Polis	195.9	109.4	179%	9	321.5	212.3	151%	9	063-Evretou	2, 2, 4, 5, 1, 2	1.14	1.25	1.26	1.32	1.10	0.15	0.09	0.07	-0.35
3-Morfou	129.9	84.4	154%	8	271.6	156.9	173%	9	370-Kapoura	2, 2, 6, 5, 1, 2	0.86	1.44	1.48	1.87	1.52	0.14	-0.18	-0.12	-0.55
6-Lefkosia	117.8	68.8	171%	9	202.8	130.2	156%	9	565-Politiko(Tamasos)	2, 1, 10, 5, 5	1.00	1.07	1.11	1.40	0.80	-0.38	-0.79	-0.69	-0.71
7-Kokkinochoria	131.0	80.6	163%	9	186.8	141.2	132%	8	845-Frenaros	3, 3, 7, 5, 1, 3	0.96	0.76	0.72	0.41	-0.01	-0.91	-1.48	-1.58	-1.90
8-Larnaka	154.3	90.1	171%	9	249.8	163.3	153%	9	592-Lefkara	2, 2, 5, 5, 4	1.00	1.09	1.08	1.13	0.71	-0.35	-0.87	-0.40	-0.79
9-Lemesos	233.3	112.1	208%	9	333.0	203.3	164%	9	313-Kouris	2, 2, 5, 5, 1, 3	1.39	1.36	1.31	1.41	1.14	0.18	0.15	0.16	-0.46
CYPRUS	179.1	97.8	183%	9	287.4	181.4	158%	9			1.18	1.28	1.27	1.40	1.07	-0.02	-0.28	-0.21	-0.64

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

