

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

MONTH: DECEMBER 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.				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	234.8	117.3	200%	9	276.0	222.7	124%	9	094-Asprokremmos	4,1,6,1,7	1.27	0.64	0.57	0.17	-0.19	-0.25	1.19	1.63	1.11
2-Polis	201.2	109.4	184%	9	248.9	212.3	117%	8	063-Evretou	4,1,5,7	1.13	0.49	0.46	0.06	-0.20	-0.17	1.01	1.42	0.85
3-Morfoú	167.5	84.4	198%	9	202.3	156.9	129%	9	370-Kapoura	4,1,5,2,1,5	1.23	0.68	0.73	0.27	-0.10	0.17	1.57	2.34	1.50
6-Lefkosia	183.4	68.8	267%	9	211.0	130.2	162%	9	565-Politiko(Tamasos)	4,1,4,2,1	1.65	1.14	1.41	0.89	0.36	0.18	1.56	1.87	1.07
7-Kokkinochoria	114.9	80.6	143%	8	153.4	141.2	109%	7	845-Frenaros	4,1,5,2,9,2,7	0.72	0.32	0.30	-0.08	-0.71	-0.17	1.25	1.04	0.36
8-Larnaka	206.9	90.1	230%	9	248.4	163.3	152%	9	592-Lefkara	4,1,5,2,1,7	1.42	1.04	1.09	0.68	0.12	-0.14	1.54	1.79	1.10
9-Lemesos	229.9	112.1	205%	9	262.1	203.3	129%	8	313-Kouris	4,1,5,2,7	1.31	0.71	0.59	0.22	-0.06	-0.08	1.73	2.20	1.63
CYPRUS	200.6	97.8	205%	9	237.9	181.4	131%	8			1.33	0.77	0.77	0.34	-0.08	-0.10	1.54	1.97	1.30

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

