

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

**MONTH: OCTOBER 2020**

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)									
	Monthly Area Aver. Precip.					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	SPI-60
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles											
1-Pafos	0.3	34.9	1%	1	094-Asprokremmos	31	-1.76	-2.68	-2.41	-0.96	0.95	2.15	1.92	1.63	0.85
2-Polis	0.1	33.9	0%	1	063-Evretou	31	-1.76	-1.75	-2.55	-0.65	0.82	1.71	1.52	1.42	0.61
3-Morfou	0.0	22.4	0%	1	370-Kapoura	31	-2.06	-2.35	-2.02	-0.47	0.69	1.90	2.23	1.87	0.94
6-Lefkosia	1.3	20.6	6%	1	565-Politiko(Tamasos)	31	-1.86	-1.80	-2.19	-0.93	0.17	1.71	1.53	1.11	0.23
7-Kokkinochoria	0.0	17.4	0%	1	845-Frenaros	31	-1.42	-1.75	-1.45	0.00	0.90	1.88	1.26	0.72	-0.14
8-Larnaka	0.5	24.4	2%	1	592-Lefkara	31	-2.06	-2.85	-2.24	-0.73	0.56	2.07	1.78	1.35	0.49
9-Lemesos	0.0	27.9	0%	1	313-Kouris	31	-2.06	-2.71	-2.52	-0.63	1.00	2.60	2.32	2.22	1.50
<b>CYPRUS</b>	<b>0.3</b>	<b>26.8</b>	<b>1%</b>	<b>1</b>		<b>31</b>	<b>-2.06</b>	<b>-2.05</b>	<b>-2.65</b>	<b>-0.77</b>	<b>0.83</b>	<b>2.24</b>	<b>2.02</b>	<b>1.76</b>	<b>0.87</b>

**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

