

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

MONTH: AUGUST 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)									
	Monthly Area Aver. Precip.				Cumul. 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	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles											
1-Pafos	11.6	3.0	381%	9	964.2	558.2	173%	10	094-Asprokremmos	31	1.76	1.81	1.09	2.26	2.39	1.78	1.35	0.46	0.74
2-Polis	2.5	1.5	168%	8	815.1	534.9	152%	10	063-Evretou	31	0.62	1.08	0.52	1.74	1.88	1.28	1.07	0.27	0.67
3-Morfou	9.6	4.4	219%	9	739.7	435.8	170%	10	370-Kapoura	31	1.10	1.07	0.66	1.81	2.33	1.83	1.39	0.51	0.92
6-Lefkosia	2.8	4.2	66%	8	599.3	355.0	169%	10	565-Politiko	closed	0.30	0.83	0.87	1.99	2.09	1.42	0.89	0.13	0.59
7-Kokkinochoria	0.1	0.3	24%	9	504.5	324.1	156%	9	845-Frenaros	31	*	1.91	0.57	1.88	1.73	0.72	0.20	<b>-0.80</b>	<b>-0.73</b>
8-Larnaka	5.3	2.0	272%	9	699.1	404.4	173%	10	592-Lefkara	19, 11	1.22	0.99	1.10	2.05	2.14	1.45	0.89	0.19	0.69
9-Lemesos	13.5	3.7	369%	9	913.1	511.7	178%	10	313-Kouris	19, 11	1.77	1.63	1.25	2.47	2.57	1.92	1.62	0.82	1.24
<b>CYPRUS</b>	<b>7.6</b>	<b>2.9</b>	<b>259%</b>	<b>9</b>	<b>782.8</b>	<b>461.4</b>	<b>170%</b>	<b>10</b>			<b>1.36</b>	<b>1.49</b>	<b>1.02</b>	<b>2.23</b>	<b>2.38</b>	<b>1.69</b>	<b>1.28</b>	<b>0.39</b>	<b>0.82</b>

**Note 1 (SPI According to):**

Desert Action, IES(Institute for Environment and Sustainability) and JRC (European Commission)

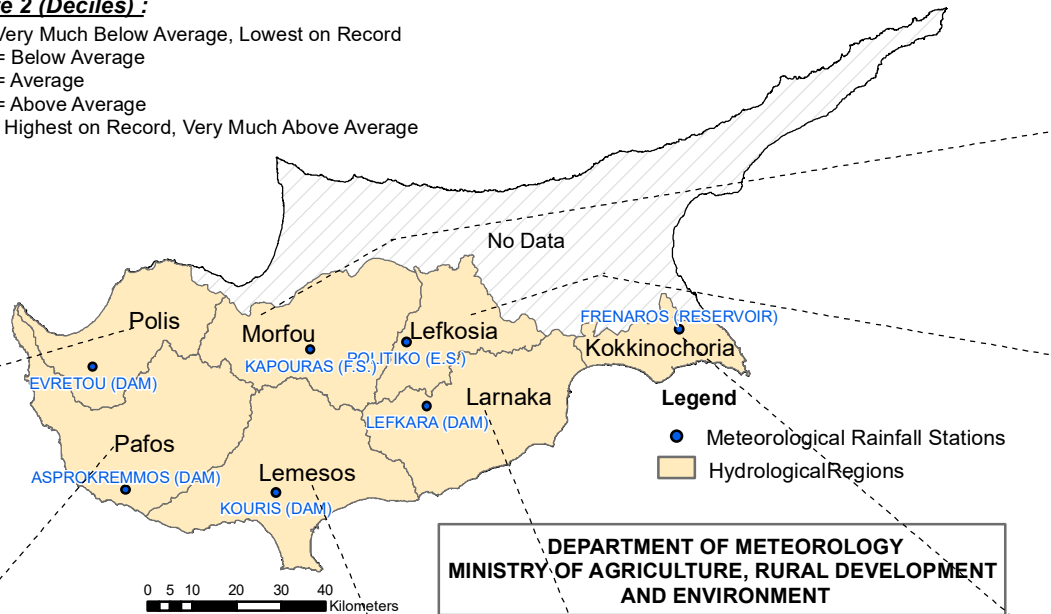
SPI-1 to SPI-3 are indicators for immediate impacts such as reduced soil moisture, snowpack, and flow in smaller creeks

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



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