

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

MONTH: JUNE 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 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	23.7	6.2	384%	9	951.5	552.1	172%	10	094-Asprokremmos	31	1.71	0.34	2.05	2.39	2.35	1.76	1.31	0.42	0.73
2-Polis	13.8	5.1	268%	9	812.0	531.7	153%	10	063-Evretou	14, 14	1.24	-0.01	1.57	1.87	1.88	1.31	1.06	0.26	0.67
3-Morfou	27.2	11.7	232%	9	729.7	426.9	171%	10	370-Kapoura	11, 3, 14	1.19	0.36	1.86	2.28	2.34	1.81	1.34	0.46	0.91
6-Lefkosia	29.2	11.9	245%	9	595.4	346.3	172%	10	565-Politiko	closed	1.13	0.34	2.00	2.11	2.19	1.45	0.88	0.12	0.61
7-Kokkinochoria	19.0	2.0	954%	10	504.4	323.6	156%	9	845-Frenaros	7, 11, 10	1.97	0.24	1.89	1.76	1.73	0.72	0.20	-0.80	-0.73
8-Larnaka	15.6	7.7	203%	9	691.8	399.6	173%	10	592-Lefkara	14, 1, 10	0.98	0.43	2.09	2.16	2.15	1.43	0.86	0.17	0.68
9-Lemesos	24.0	7.1	338%	9	899.3	504.4	178%	10	313-Kouris	31	1.64	0.61	2.22	2.57	2.53	1.88	1.59	0.77	1.23
<b>CYPRUS</b>	<b>21.9</b>	<b>7.3</b>	<b>301%</b>	<b>9</b>	<b>774.4</b>	<b>455.4</b>	<b>170%</b>	<b>10</b>			<b>1.54</b>	<b>0.39</b>	<b>2.15</b>	<b>2.38</b>	<b>2.37</b>	<b>1.67</b>	<b>1.25</b>	<b>0.35</b>	<b>0.82</b>

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

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

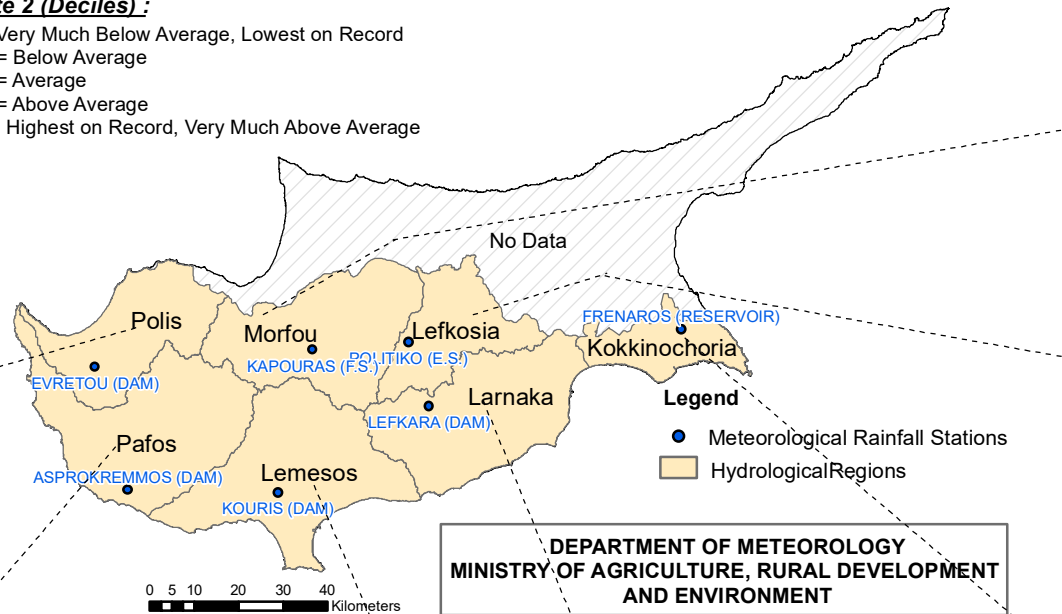
SPI-1 to SPI-3 are indicators for immediate impacts such as reduced soil moisture, snowpack, and flow in smaller creeks

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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