

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

**MONTH: JULY 2023**

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	1.6	3.0	53%	7	543.1	555.1	98%	5	094-Asprokremmos	31	0.33	<b>-0.66</b>	0.13	<b>-0.86</b>	<b>-0.14</b>	0.20	<b>-0.55</b>	0.15	1.37
2-Polis	0.1	1.7	4%	5	534.2	533.4	100%	5	063-Evretou	31	0.12	<b>-0.57</b>	0.45	<b>-0.50</b>	<b>-0.06</b>	0.21	<b>-0.40</b>	0.25	1.21
3-Morfo	0.1	4.5	2%	3	427.5	431.4	99%	5	370-Kapoura	31	<b>-0.02</b>	0.44	0.21	<b>-0.60</b>	<b>-0.03</b>	0.12	<b>-0.47</b>	0.35	1.75
6-Lefkosia	0.9	4.5	20%	5	387.5	350.8	110%	6	565-Politiko(Tamasos)	31	0.06	0.90	0.86	<b>-0.05</b>	0.50	0.84	0.05	0.45	1.65
7-Kokkinochoria	0.0	0.2	0%	1	371.9	323.8	115%	8	845-Frenaros	31	*	<b>-0.68</b>	<b>-0.35</b>	0.25	0.62	0.21	<b>-0.39</b>	0.38	1.27
8-Larnaka	1.0	2.9	34%	6	366.6	402.5	91%	4	592-Lefkara	8,22	0.24	0.43	<b>-0.02</b>	<b>-0.79</b>	<b>-0.27</b>	0.23	<b>-0.69</b>	0.09	1.42
9-Lemesos	2.6	3.6	74%	6	474.5	508.0	93%	4	313-Kouris	31	0.33	<b>-0.60</b>	<b>-0.38</b>	<b>-1.01</b>	<b>-0.29</b>	0.00	<b>-0.80</b>	0.27	1.78
<b>CYPRUS</b>	<b>1.1</b>	<b>3.0</b>	<b>36%</b>	<b>6</b>	<b>449.1</b>	<b>458.5</b>	<b>98%</b>	<b>5</b>			<b>0.08</b>	<b>0.03</b>	<b>0.12</b>	<b>-0.72</b>	<b>-0.08</b>	<b>0.22</b>	<b>-0.58</b>	<b>0.26</b>	<b>1.67</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

