

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

**MONTH: AUGUST 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	1.9	3.0	64%	6	545.0	558.2	98%	5	094-Asprokremmos	31	0.17	<b>-0.56</b>	0.21	<b>-0.89</b>	<b>-0.12</b>	0.21	<b>-0.54</b>	0.11	1.38
2-Polis	0.4	1.5	27%	6	534.6	534.9	100%	5	063-Evretou	31	0.26	<b>-0.92</b>	0.47	<b>-0.79</b>	<b>-0.05</b>	0.19	<b>-0.39</b>	0.25	1.21
3-Morfou	1.3	4.4	30%	5	428.8	435.8	98%	4	370-Kapoura	31	<b>-0.08</b>	<b>-0.03</b>	0.35	<b>-0.44</b>	<b>-0.02</b>	0.09	<b>-0.47</b>	0.31	1.76
6-Lefkosia	11.4	4.2	270%	9	398.9	355.0	112%	7	565-Politiko(Tamasos)	31	1.14	0.63	1.52	0.21	0.53	0.87	0.12	0.50	1.68
7-Kokkinochoria	0.1	0.3	26%	8	372.0	324.1	115%	7	845-Frenaros	31	1.58	0.22	<b>-0.18</b>	0.26	0.62	0.21	<b>-0.39</b>	0.38	1.27
8-Larnaka	20.2	2.0	1034%	9	386.8	404.4	96%	4	592-Lefkara	27,3	2.95	1.35	0.81	<b>-0.51</b>	<b>-0.09</b>	0.31	<b>-0.58</b>	0.16	1.50
9-Lemesos	1.2	3.7	34%	5	475.7	511.7	93%	4	313-Kouris	26,4	<b>-0.34</b>	<b>-0.57</b>	<b>-0.13</b>	<b>-1.09</b>	<b>-0.29</b>	0.00	<b>-0.80</b>	0.22	1.77
<b>CYPRUS</b>	<b>5.2</b>	<b>2.9</b>	<b>177%</b>	<b>9</b>	<b>454.3</b>	<b>461.4</b>	<b>98%</b>	<b>5</b>			<b>0.84</b>	<b>0.15</b>	<b>0.43</b>	<b>-0.69</b>	<b>-0.04</b>	<b>0.23</b>	<b>-0.55</b>	<b>0.25</b>	<b>1.69</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

