

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

**MONTH: SEPTEMBER 2022**

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	2.9	5.5	53%	6	641.2	563.6	114%	7	094-Asprokremmos 30	0.01	<b>-0.78</b>	<b>-2.85</b>	0.23	0.53	<b>-0.44</b>	0.31	1.56	1.53
2-Polis	0.3	4.3	8%	3	595.3	539.2	110%	7	063-Evretou 30	<b>-0.34</b>	<b>-1.10</b>	<b>-2.41</b>	0.22	0.40	<b>-0.31</b>	0.38	1.35	1.24
3-Morfou	2.1	5.0	42%	6	447.9	440.8	102%	5	370-Kapoura 30	0.05	<b>-0.84</b>	<b>-1.71</b>	<b>-0.36</b>	0.11	<b>-0.43</b>	0.37	1.83	1.88
6-Lefkosia	9.7	6.7	145%	8	407.4	361.7	113%	7	565-Politiko(Tamasos) 5,24	0.55	0.40	<b>-0.69</b>	<b>-0.36</b>	0.52	<b>-0.14</b>	0.25	1.58	1.37
7-Kokkinochoria	1.9	1.7	113%	8	290.2	325.7	89%	4	845-Frenaros 30	0.55	0.43	<b>-1.62</b>	<b>-0.64</b>	<b>-0.26</b>	<b>-0.83</b>	0.14	1.10	0.59
8-Larnaka	4.1	5.8	70%	7	467.6	410.3	114%	7	592-Lefkara 30	0.07	<b>-0.48</b>	<b>-1.86</b>	<b>-0.25</b>	0.53	<b>-0.47</b>	0.30	1.61	1.46
9-Lemesos	5.1	5.7	90%	8	569.1	517.3	110%	7	313-Kouris 30	0.23	<b>-0.43</b>	<b>-2.27</b>	<b>-0.07</b>	0.38	<b>-0.60</b>	0.48	1.96	1.95
<b>CYPRUS</b>	<b>3.5</b>	<b>5.0</b>	<b>70%</b>	<b>7</b>	<b>512.1</b>	<b>466.4</b>	<b>110%</b>	<b>7</b>		<b>0.11</b>	<b>-0.47</b>	<b>-2.13</b>	<b>-0.09</b>	<b>0.42</b>	<b>-0.47</b>	<b>0.37</b>	<b>1.77</b>	<b>1.71</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

