

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

## MONTH: AUGUST 2024

**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

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

**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

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	0.6	3.0	20%	4	420.3	558.2	75%	1	094-Asprokremmos	31	-0.1	-0.55	-1.51	-1.18	-0.94	-0.76	-0.41	-1.07	-0.39
2-Polis	1.2	1.5	81%	7	418.4	534.9	78%	2	063-Evretou	31	0.39	-0.44	-1.28	-1.06	-0.91	-0.7	-0.43	-0.93	-0.26
3-Morfou	2.8	4.4	63%	6	309.1	435.8	71%	1	370-Kapoura	31	0.28	-0.03	-0.72	-1.15	-1.01	-0.77	-0.6	-1.1	-0.3
6-Lefkosia	7.0	4.2	166%	8	337.5	355.0	95%	4	565-Politiko (Tamasos)	31	0.74	0.11	0.52	-0.12	-0.07	0.28	0.65	-0.02	0.37
7-Kokkinochoria	0.0	0.3	0%	8	264.4	324.1	82%	2	845-Frenaros	31	*	0.05	-0.49	-0.23	-0.53	0.04	-0.2	-0.73	0.04
8-Larnaka	3.2	2.0	164%	8	335.5	404.4	83%	2	592-Lefkara	24, 5	0.62	-0.21	0.03	-0.52	-0.49	-0.48	-0.11	-0.93	-0.2
9-Lemesos	2.1	3.7	59%	6	366.0	511.7	72%	3	313-Kouris	31	-0.05	-0.3	-0.81	-1.29	-1.14	-1.03	-0.73	-1.47	-0.44
<b>CYPRUS</b>	<b>2.0</b>	<b>2.9</b>	<b>68%</b>	<b>6</b>	<b>356.0</b>	<b>461.4</b>	<b>77%</b>	<b>1</b>			<b>0.09</b>	<b>-0.31</b>	<b>-0.78</b>	<b>-0.99</b>	<b>-0.86</b>	<b>-0.68</b>	<b>-0.38</b>	<b>-1.09</b>	<b>-0.28</b>

\* = unreliable result

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