

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

## MONTH: SEPTEMBER 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.														
	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (mm)	% of Normal	Deciles	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
1-Pafos	8.5	5.5	156%	8	428.8	563.6	76%	1	094-Asprokremmos	30	0.73	0.36	-0.57	-1.04	-1.08	-0.74	-0.35	-0.97	-0.36
2-Polis	4.4	4.3	102%	7	422.8	539.2	78%	1	063-Evretou	30	0.29	0.17	-0.48	-1.07	-1.02	-0.69	-0.37	-0.85	-0.26
3-Morfou	18.2	5.0	365%	9	327.3	440.8	74%	1	370-Kapoura	20, 1, 7	1.29	1.28	0.31	-0.82	-1.05	-0.7	-0.59	-1.02	-0.3
6-Lefkosia	26.4	6.7	394%	9	363.9	361.7	101%	4	565-Politiko (Tamasos)	7, 14, 7	1.52	1.45	1.16	0.44	0.11	0.37	0.61	0.12	0.41
7-Kokkinochoria	4.6	1.7	275%	9	269.0	325.7	83%	2	845-Frenaros	30	1.04	0.94	-0.33	0.59	-0.51	0.06	-0.15	-0.68	0.06
8-Larnaka	43.5	5.8	743%	9	379.0	410.3	92%	3	592-Lefkara	20, 7	2.34	2.14	1.5	0.36	-0.22	-0.26	0.06	-0.68	-0.05
9-Lemesos	23.9	5.7	422%	9	389.9	517.3	75%	1	313-Kouris	30	1.6	1.25	0.47	-0.72	-1.1	-0.95	-0.59	-1.29	-0.38
<b>CYPRUS</b>	<b>19.5</b>	<b>5.0</b>	<b>389%</b>	<b>9</b>	<b>375.5</b>	<b>466.4</b>	<b>81%</b>	<b>1</b>			<b>1.64</b>	<b>1.38</b>	<b>0.46</b>	<b>-0.52</b>	<b>-0.83</b>	<b>-0.59</b>	<b>-0.29</b>	<b>-0.94</b>	<b>-0.23</b>

