

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

MONTH: NOVEMBER 2021

| 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 | 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 | 35.7 | 70.5 | 51% | 3 | 41.1 | 105.4 | 39% | 1 | 094-Asprokremmos | 23, 5 | -0.65 | -1.25 | -1.44 | -1.67 | -1.44 | -0.04 | 1.16 | 1.08 | 1.01 |
| 2-Polis | 42.5 | 69.0 | 62% | 3 | 47.7 | 102.9 | 46% | 2 | 063-Evretou | 22, 4 | -0.47 | -1.24 | -1.20 | -1.12 | -1.15 | 0.08 | 0.97 | 0.89 | 0.92 |
| 3-Morfou | 27.4 | 50.1 | 55% | 4 | 34.8 | 72.5 | 48% | 3 | 370-Kapoura | 18, 4, 5 | -0.46 | -0.53 | -0.68 | -1.01 | -0.87 | 0.16 | 1.28 | 1.60 | 1.36 |
| 6-Lefkosia | 16.9 | 40.8 | 41% | 4 | 27.5 | 61.4 | 45% | 3 | 565-Politiko(Tamasos) | 18, 9 | -0.47 | 0.17 | 0.04 | -0.65 | -0.80 | -0.24 | 1.07 | 0.91 | 0.66 |
| 7-Kokkinochoria | 28.9 | 43.3 | 67% | 5 | 38.4 | 60.7 | 63% | 4 | 845-Frenaros | 19, 1, 7 | -0.08 | -0.35 | -0.45 | -1.03 | -1.50 | 0.27 | 1.22 | 0.48 | 0.36 |
| 8-Larnaka | 31.3 | 48.8 | 64% | 5 | 41.4 | 73.2 | 57% | 3 | 592-Lefkara | 18, 3, 5 | -0.15 | -0.31 | -0.47 | -1.30 | -1.10 | -0.22 | 1.15 | 0.87 | 0.73 |
| 9-Lemesos | 28.9 | 63.4 | 46% | 3 | 32.2 | 91.3 | 35% | 2 | 313-Kouris | 19, 4, 5 | -0.60 | -1.27 | -1.66 | -1.74 | -1.32 | -0.02 | 1.57 | 1.43 | 1.52 |
| CYPRUS | 30.7 | 56.8 | 54% | 3 | 37.3 | 83.6 | 45% | 2 | | | -0.51 | -0.83 | -1.03 | -1.43 | -1.26 | -0.03 | 1.32 | 1.19 | 1.15 |

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

