

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

MONTH: JULY 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 | 0.0 | 3.0 | 0% | 1 | 638.0 | 555.1 | 115% | 8 | 094-Asprokremmos | 31 | -0.05 | -1.56 | -1.18 | 0.75 | 0.51 | -0.45 | 0.33 | 1.57 | 1.48 |
| 2-Polis | 0.0 | 1.7 | 0% | 1 | 594.7 | 533.4 | 111% | 8 | 063-Evretou | 31 | 0.10 | -0.96 | -0.93 | 0.67 | 0.44 | -0.32 | 0.40 | 1.38 | 1.22 |
| 3-Morfou | 0.0 | 4.5 | 0% | 1 | 444.9 | 431.4 | 103% | 6 | 370-Kapoura | 31 | -0.05 | -0.55 | -1.13 | 0.33 | 0.28 | -0.41 | 0.47 | 1.85 | 1.79 |
| 6-Lefkosia | 0.0 | 4.5 | 0% | 1 | 390.7 | 350.8 | 111% | 7 | 565-Politiko(Tamasos) | 31 | -0.14 | -0.08 | -1.24 | 0.60 | 0.77 | -0.21 | 0.27 | 1.54 | 1.25 |
| 7-Kokkinochoria | 0.0 | 0.2 | 0% | 1 | 288.3 | 323.8 | 89% | 4 | 845-Frenaros | 31 | * | -0.39 | -1.33 | -0.16 | -0.25 | -0.83 | 0.14 | 1.07 | 0.56 |
| 8-Larnaka | 0.0 | 2.9 | 0% | 1 | 463.1 | 402.5 | 115% | 8 | 592-Lefkara | 31 | 0.10 | -0.64 | -1.55 | 0.69 | 0.65 | -0.47 | 0.36 | 1.62 | 1.41 |
| 9-Lemesos | 0.0 | 3.6 | 0% | 1 | 562.7 | 508.0 | 111% | 7 | 313-Kouris | 31 | -0.40 | -1.43 | -1.67 | 0.60 | 0.36 | -0.62 | 0.55 | 1.97 | 1.91 |
| CYPRUS | 0.0 | 3.0 | 0% | 1 | 507.4 | 458.5 | 111% | 7 | | | -0.10 | -0.96 | -1.41 | 0.63 | 0.47 | -0.50 | 0.42 | 1.78 | 1.64 |

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

