

AREA AVERAGE PRECIPITATION (mm), DRY SPELLS AND STANDARDIZED PRECIPITATION INDEX (SPI-n) PER HYDROLOGICAL REGION

MONTH: JANUARY 2025

Table 1

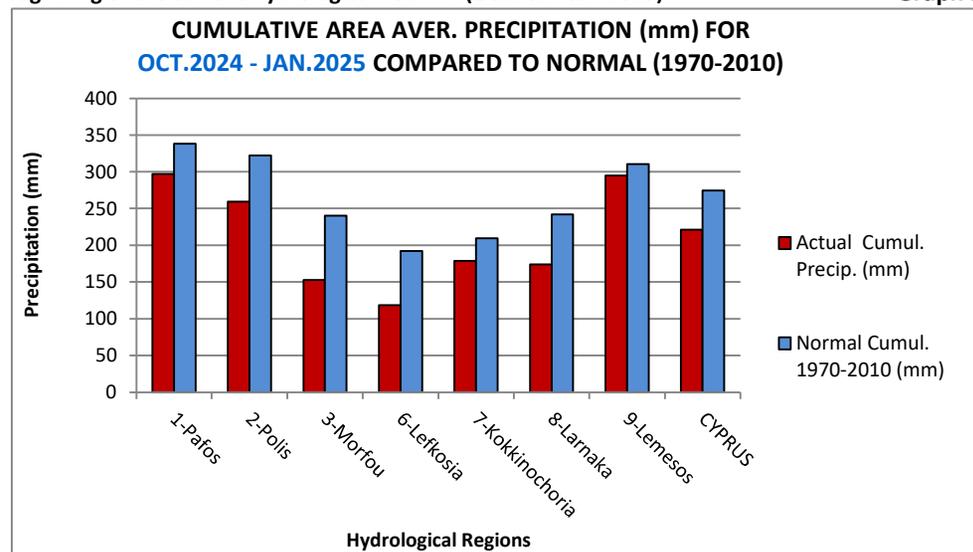
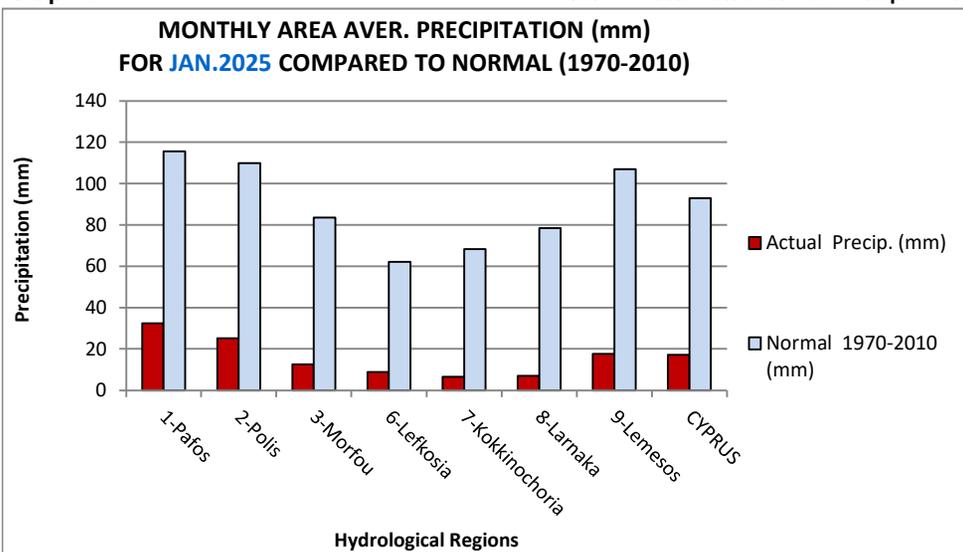
| HYDROLOGICAL REGION | PRECIPITATION (mm) | | | | | | | | DRY SPELLS | STANDARDIZED PRECIPITATION INDEX (SPI-n) | | | | | | | | | |
|---------------------|----------------------------|-----------------------|-------------|---------|----------------------------|------------------------------|-------------|---------|------------------------|---|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| | 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 | 32.4 | 115.6 | 28% | 1 | 296.9 | 338.3 | 88% | 4 | 094-Asprokremmos | 11,9,1,6 | -1.75 | -0.05 | -0.41 | -0.49 | -1.18 | -0.91 | -1.29 | -1.04 | -1.29 |
| 2-Polis | 25.2 | 109.8 | 23% | 1 | 259.5 | 322.1 | 81% | 3 | 063-Evretou | 21, 8 | -2.07 | -0.29 | -0.71 | -0.74 | -1.50 | -0.90 | -1.31 | -1.11 | -1.21 |
| 3-Morfou | 12.4 | 83.5 | 15% | 1 | 152.6 | 240.4 | 64% | 1 | 370-Kapoura | 21, 9 | -2.36 | -0.80 | -0.95 | -0.98 | -1.33 | -1.24 | -1.59 | -1.49 | -1.51 |
| 6-Lefkosia | 8.8 | 62.1 | 14% | 1 | 118.3 | 192.2 | 62% | 1 | 565-Politiko (Tamasos) | 21, 9 | -2.11 | -0.66 | -0.66 | -0.67 | -0.54 | -0.10 | -0.59 | -0.23 | -0.58 |
| 7-Kokkinochoria | 6.6 | 68.3 | 10% | 1 | 178.7 | 209.6 | 85% | 4 | 845-Frenaros | 11,9,1,7 | -2.49 | -0.05 | -0.27 | -0.35 | -0.54 | -0.78 | -0.59 | -0.82 | -0.80 |
| 8-Larnaka | 6.9 | 78.5 | 9% | 1 | 173.9 | 241.8 | 72% | 2 | 592-Lefkara | 21, 9 | -2.58 | -0.42 | -0.32 | -0.30 | -0.50 | -0.55 | -1.16 | -0.85 | -1.22 |
| 9-Lemesos | 17.6 | 106.9 | 17% | 1 | 294.9 | 310.3 | 95% | 5 | 313-Kouris | 21,1,7 | -2.10 | 0.15 | -0.01 | -0.01 | -0.63 | -0.98 | -1.44 | -1.25 | -1.50 |
| CYPRUS | 17.1 | 92.9 | 18% | 1 | 221.1 | 274.3 | 81% | 3 | | | -2.22 | -0.25 | -0.46 | -0.49 | -0.99 | -0.90 | -1.34 | -1.13 | -1.38 |

Graph 1



Note: Actual Cumul. Precip. = From the beginning of the current Hydrological Year. => (Oct.2024-Jan.2025)

Graph 2



Note 1 (SPI According to): Desert Action, IES(Institute for Environment and Sustainability) and JRC (European Commission)

SPIs for short accumulation periods (e.g., SPI-1 to SPI-3) are indicators for immediate impacts such as reduced soil moisture, snowpack, and flow in smaller creeks

SPIs for medium accumulation periods (e.g., SPI-3 to SPI-12) are indicators for reduced stream flow and reservoir storage

SPIs for long accumulation periods (e.g., SPI-12 to SPI-48) are indicators for reduced reservoir and groundwater recharge

Note 2 (Deciles):

1 = Very Much Below Average, Lowest on Record 4-7 = Average 10 = Highest on Record, Very Much Above Average
 2-3 = Below Average 8-9 = Above Average

| 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 | |