

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

MONTH: APRIL 2018

Table 1

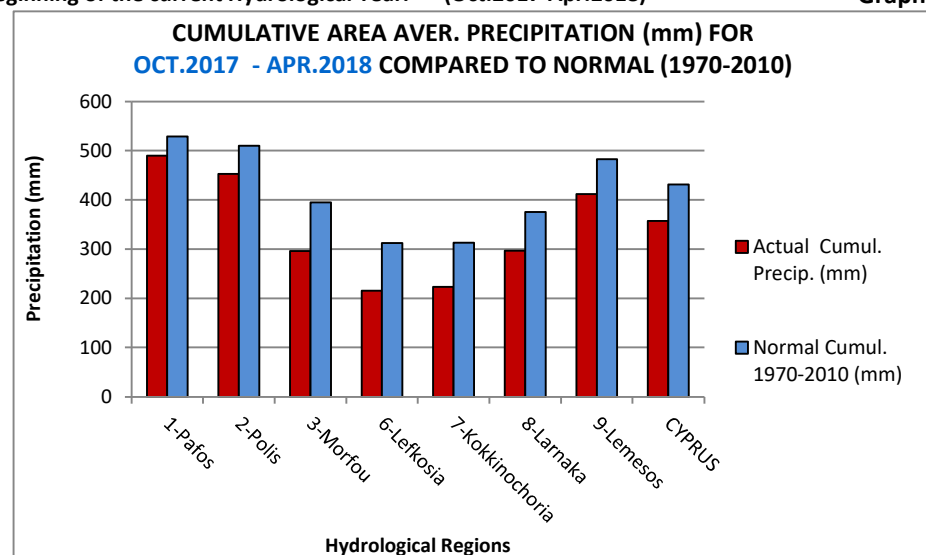
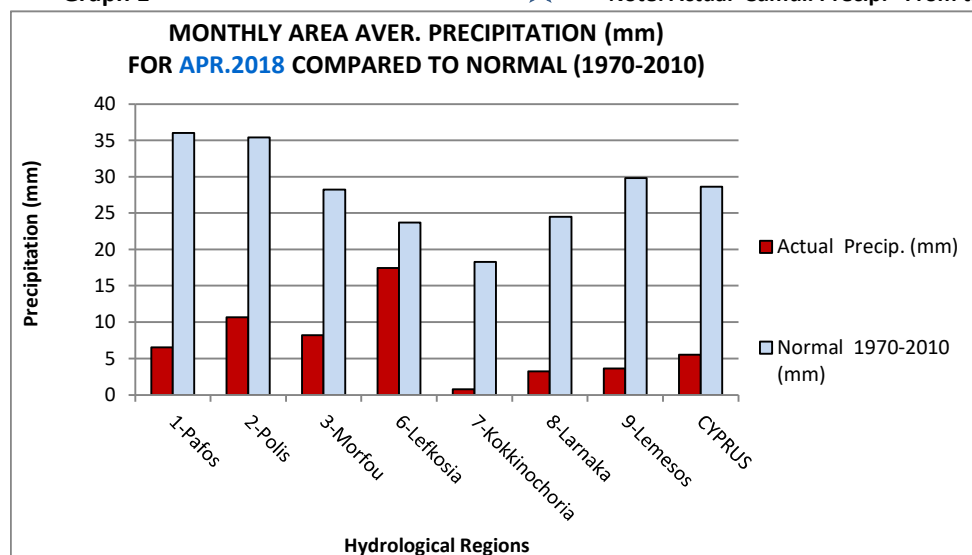
Table 1		PRECIPITATION (mm)								DRY SPELLS		STANDARDIZED PRECIPITATION INDEX (SPI-n)								
		Monthly Area Aver. Precip.				Cumul. Area Aver. Precip.														
Hydrological Region	Actual Precip. (mm)	Normal 1970-2010 (mm)	% of Normal	Deciles	Actual Cumul. Precip. (mm)	Normal Cumul. 1970-2010 (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	6.5	36.0	18%	1	489.6	528.5	93%	5	094-Asprokremmos	7, 22	-1.29	-0.82	-0.29	-0.24	-0.26	-0.44	-1.40	-0.53	-1.40	
2-Polis	10.7	35.4	30%	2	452.9	510.1	89%	5	063-Evretou	30	-0.94	-1.04	-0.45	-0.38	-0.38	-0.30	-1.07	-0.35	-1.30	
3-Morfou	8.2	28.2	29%	2	296.2	394.5	75%	2	370-Kapoura	8, 20	-0.97	-1.00	-0.80	-0.94	-1.15	-1.16	-1.92	-0.96	-2.03	
6-Lefkosia	17.4	23.7	74%	5	215.5	312.4	69%	1	565-Politiko	8, 16, 3	-0.17	-1.66	-1.03	-1.02	-1.38	-1.23	-2.00	-0.85	-1.87	
7-Kokkinochoria	0.7	18.3	4%	1	223.4	312.6	71%	2	845-Frenaros	30	-1.82	-1.62	-0.80	-0.86	-0.79	-1.19	-2.14	-1.63	-2.67	
8-Larnaka	3.2	24.5	13%	1	296.8	375.6	79%	2	592-Lefkara	9, 20	-1.67	-1.70	-0.66	-0.68	-0.81	-1.03	-1.71	-0.73	-1.91	
9-Lemesos	3.6	29.8	12%	1	412.0	482.3	85%	3	313-Kouris	30	-1.56	-1.21	-0.53	-0.51	-0.58	-0.42	-1.43	-0.50	-1.83	
CYPRUS	5.5	28.6	19%	1	357.3	431.4	83%	3			-1.39	-1.36	-0.65	-0.65	-0.75	-0.76	-1.69	-0.73	-1.92	

Graph 1



Note: Actual Cumul. Precip.= From the beginning of the current Hydrological Year. =>(Oct.2017-Apr.2018)

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

SPI VALUES (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