

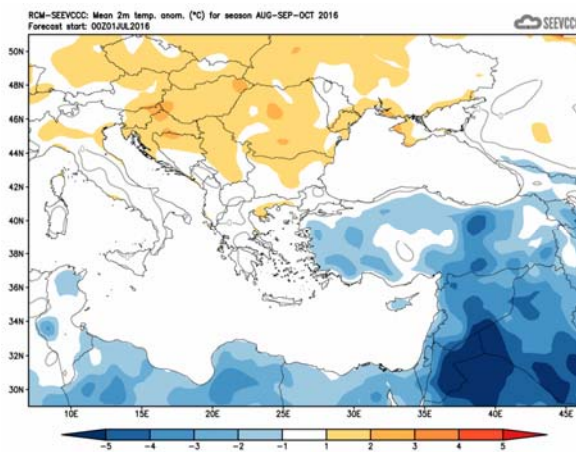
Seasonal weather forecast for the months of

August, September and October 2016

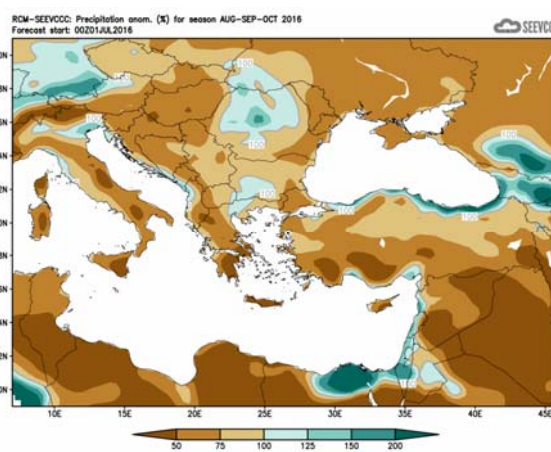
General over view of the weather expected to prevail for August, September and October.

The weather for the following three months, namely **August, September and October 2016**, will be presented, with respect to the anomalies of temperature, and accumulated precipitation. Normal temperatures (both maximum and minimum), are on the rise suggesting **August** as the hottest month of the year. The accumulated precipitation is at its lowest values. The period of the following three months (mainly July and August) is likely to be characterized by outbreaks of thunderstorms, initiated from thermal causes over the main plain area or over the mountainous range from orographic uplift.

Specifically, regarding the seasonal forecast for the period of **August, September and October 2016**, the temperature will be generally normal to lower than normal. Normal to lower than normal temperature characterizes also the greater part of Asia Minor, while the Balkans will be normal and near East will be again significantly lower than normal. The amount of the accumulated precipitation over most areas of Cyprus is expected to range between 50% and 75% of normal, but over the southern and eastern part is expected to range 50% of normal and below.



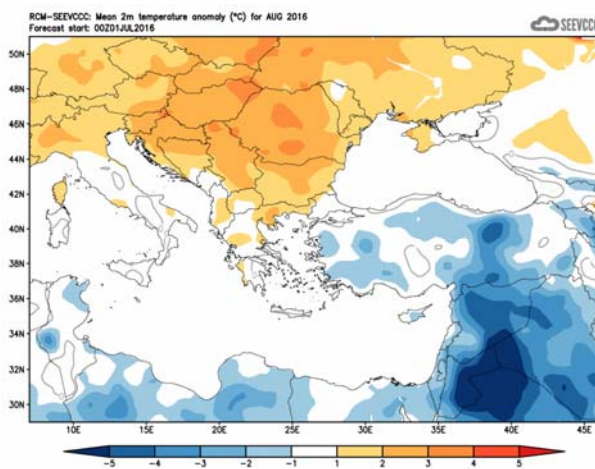
Divergence of temperature from normal from the mean seasonal temperature (°C) for August, September and October



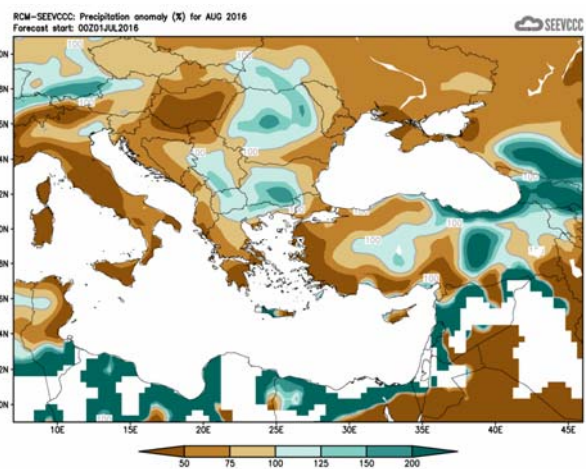
Percentage (%) of the mean seasonal accumulated precipitation compared to the mean normal for August, September and October

The seasonal monthly forecast in detail

August's seasonal forecast suggests that temperature over Cyprus will be generally normal, except southern and eastern part that will be by 1 to 2°C below normal. The amount of the accumulated precipitation over most areas of Cyprus is expected to range between 50% and 75% of normal, over the southern and eastern part is expected to range 50% of normal and below and over northern and western part between normal and 125% of normal.

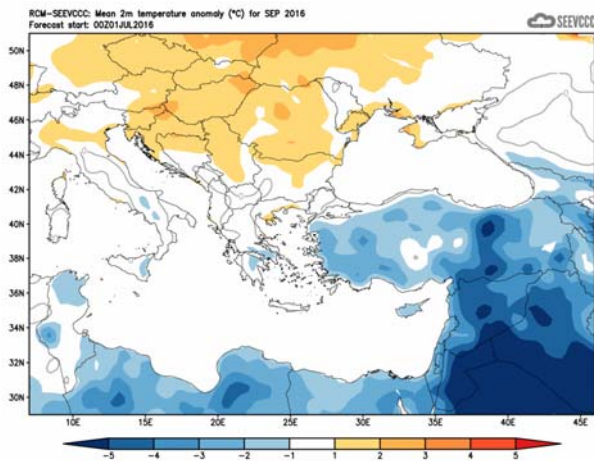


Divergence of the mean monthly temperature (°C)
from normal during August

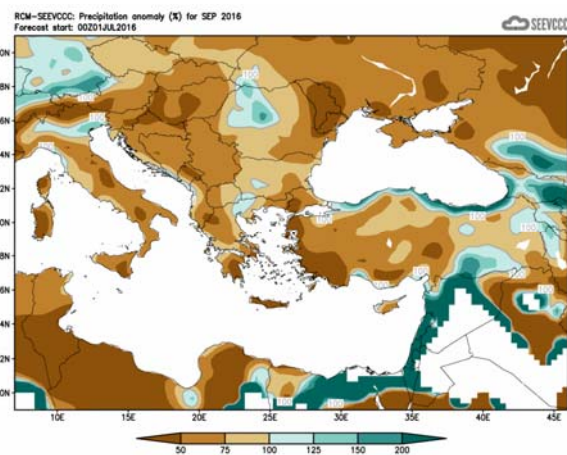


Percentage of the mean monthly precipitation (%)
compared with the normal of August

The seasonal forecast suggests that **September's** temperature will be generally below normal, by 1 to 2°C. The below normal temperature is also a characteristic of the area of Asia Minor and Near and Middle East. The amount of the accumulated precipitation over most areas of Cyprus is expected to range between 75% of normal and normal, over the southern and eastern part is expected to range between 50% and 75% of normal and over northern and western part between normal and 125% of normal.

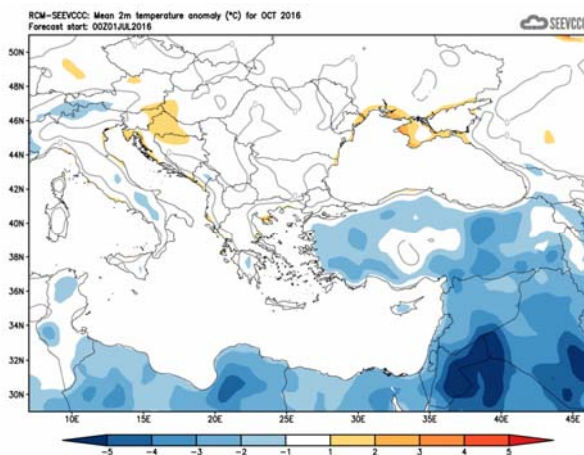


Divergence of the mean monthly temperature (°C) from normal during September

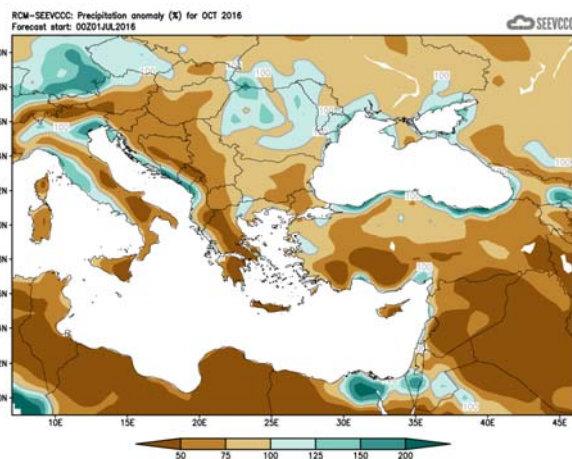


Percentage of the mean monthly precipitation (%) compared with the normal of September

The seasonal forecast for **October** suggests that temperature will be generally normal, except inland that is expected to be by 1 to 2°C below normal. The accumulated precipitation for Cyprus will range over most areas between 50% and 75% of normal, except a small portion over the southern and eastern part where is expected to be 50% and below.



Divergence of the mean monthly temperature (°C) from normal during October



Percentage of the mean monthly precipitation (%) compared with the normal of October

Normal values of temperature and accumulated precipitation for August, September and October 2016

The normal values of mean maximum, mean minimum temperature and accumulated precipitation are presented below concerning the three months the period of forecast is covering, in order to gain a better view of the normal seasonal climate. The temperature, both maximum and minimum, is on the fall suggesting **August** as the warmest month of not only the period but also the year. On the other hand the accumulated precipitation is increasing significantly from **August** to **October**, as presented by the climatological data shown on the table below. It is worth noting that **October's** precipitation is significantly higher than **August's** as a result of the reoccurrence/redeveloping of depressions over the area of the east Mediterranean (during October).

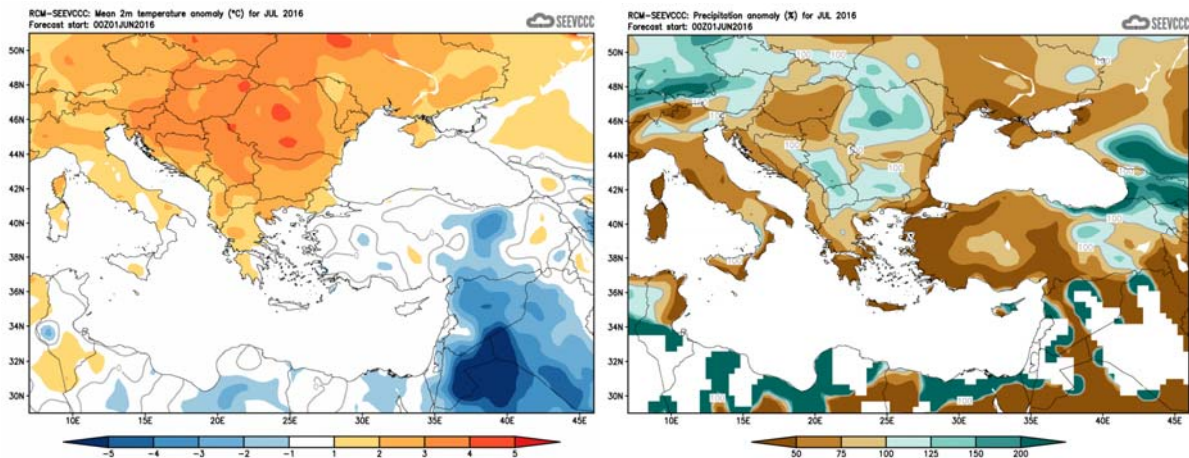
TEMPERATURE AND PRECIPITATION NORMAL VALUES FOR THE PERIOD 1981-2010									
Area Name	MEAN DAILY MAXIMUM TEMPERATURE (°C)			MEAN DAILY MINIMUM TEMPERATURE (°C)			MEAN MONTHLY TOTAL PRECIPITATION (mm)		
	August	September	October	August	September	October	August	September	October
NORTH COAST	33.3	30.1	26.4	21.5	19.2	16.1	0.0	4.0	30.3
WEST COAST*	30.5	29.0	26.4	21.1	19.1	16.4	0.0	3.6	27.4
MOUNTAINOUS AREAS	28.0	24.6	19.2	18.1	14.9	10.9	12.0	10.7	34.4
INLAND*	36.9	33.6	28.4	21.9	18.8	15.2	1.8	12.2	20.7
SOUTH COAST	32.9	30.9	27.8	22.3	19.8	16.7	0.3	4.3	16.0
EAST COAST**	33.5	31.9	28.5	22.0	19.6	16.7	0.1	2.9	19.9

* West Coast and Inland Values cover the period 1983-2010

** East Coast Temperature Values cover the period 1981-2007

Evaluation of July's seasonal forecast for the area of Cyprus

The seasonal forecast suggested that **July's** temperature would be normal alike Asia Minor. Regarding the accumulated precipitation Cyprus west part was expected to range below 50% and 75% of normal but over the east part accumulated precipitation was expected to range up to 200%.



Divergence of the mean monthly temperature (°C)
from normal during July

Percentage of the mean monthly precipitation (%)
compared with the normal of July

Concerning the models evaluation for **July**, a general judgment is that the model did not perform so well both qualitatively and quantitatively concerning not only for the temperature but also for the seasonal accumulated precipitation. It must be mentioned that during summer month's precipitation is resulted mainly from thundery activity which has very localised characteristics and that judging is very difficult due to models limitations.

In a more detailed evaluation of the recorded temperatures, both maximum and minimum (table below), were around 1-2°C above normal over the most areas of Cyprus. Extreme highs and lows (both maximum and minimum departing by 4°C of normal) were recorded. Note the 39.1°C highest maximum of Polis Chrysochous station departing by almost 6°C from normal and the 33.1°C highest maximum of Prodromos station departing around 5°C from normal. There were also recorded two highest minimums with positive departures greater than 4°C of normal, the first at Athalassa station on 6th of **July** and the second at Pafos airport on 24th of **July**. At Prodromos station lowest maximum (23.5°C) and lowest minimum (12.8°C) temperatures were recorded with negative departures greater than 4°C from normal.

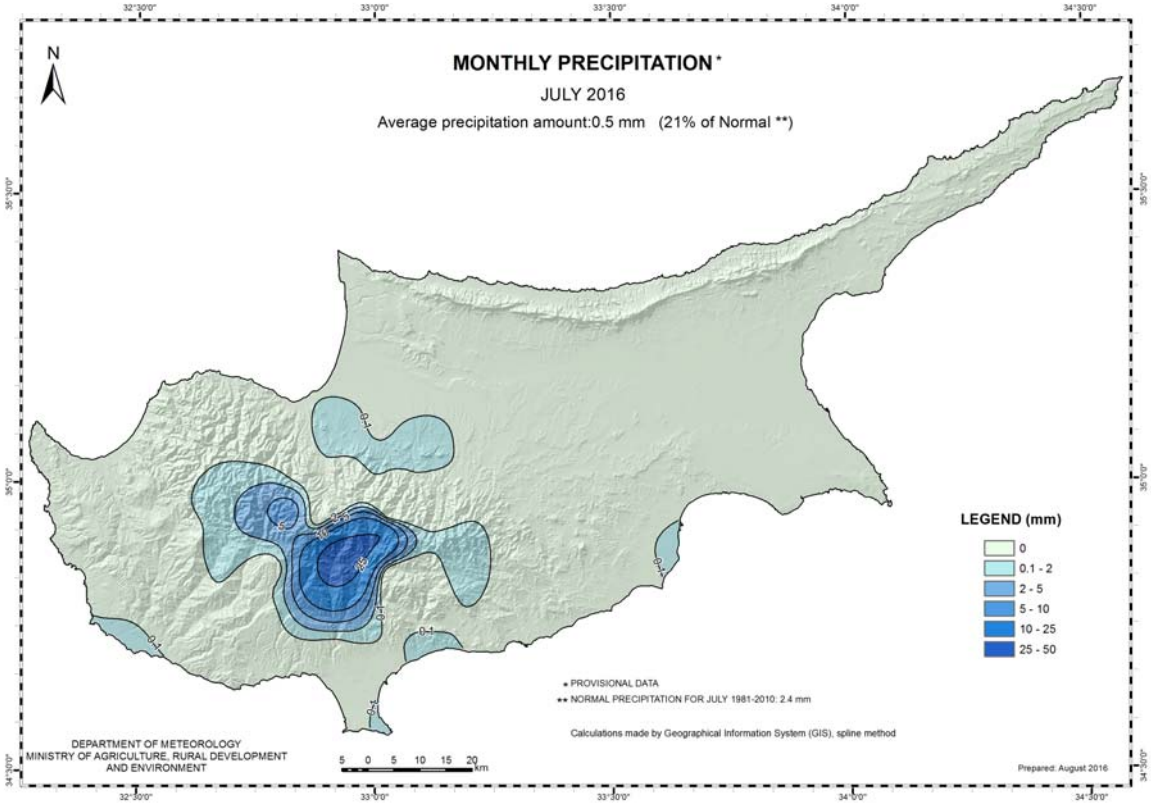
On 5th, 23rd and 31st of **July** episodes of thundery activity and isolated showers resulted in accumulated precipitation of 21% of normal. Areas with extreme accumulated precipitation were also recorded, like Saittas which recorded 38.8 millimeters of precipitation or 388% of normal.

TEMPERATURE AND PRECIPITATION PROVISIONAL DATA FOR JULY 2016														
St. No.	Station Name	Mean Daily Maximum Temperature (°C)	Normal Value (1981-2010)	Difference from Normal Value	Highest Daily Maximum Temperature (°C)	Lowest Daily Maximum Temperature (°C)	Mean Daily Minimum Temperature (°C)	Normal Value (1981-2010)	Difference from Normal Value	Lowest Daily Minimum Temperature (°C)	Highest Daily Minimum Temperature (°C)	Monthly Total Precipitation (mm)	Normal Value (1981-2010)	Difference from Normal Value
41	POLIS CHRYSOCHOUS	35.4	33.4	2.0	39.1	32.8	23.0	21.1	1.9	20.7	24.5	0.0	0.1	-0.1
82*	PAFOS (AIRPORT)	31.5	29.9	1.6	33.3	30.0	21.6	20.6	1.0	19.9	24.8	0.4	0.2	0.2
225	PRODROMOS (C.F.C.)	29.1	27.9	1.2	33.1	23.5	18.1	18.2	-0.1	12.8	20.9	6.6	16.4	-9.8
666*	ATHALASSA (RADIOSONDE)	38.0	37.1	0.9	40.4	34.6	23.7	22.1	1.6	21.3	26.8	0.0	4.2	-4.2
731	LARNAKA (AIRPORT)	33.6	32.5	1.1	36.6	31.1	23.4	22.0	1.4	21.3	25.1	0.2	0.5	-0.3
800**	ACHNA (DASAKI)	33.3	33.2	0.1	37.0	29.9	21.8	21.8	0.0	18.2	24.4	0.0	0.1	-0.1

* Pafos' and Athalassa's Station Normal Values cover the period 1983-2010
 ** Achna's Temperature Normal Values cover the period 1981-2007

= VALUES FROM AUTOMATIC WEATHER STATION

For the purpose of better visualization of **July** accumulated precipitation, a chart of Cyprus with the total preliminary accumulated precipitation is presented.



A Cyprus chart with the normal (period 1981 to 2010) accumulated precipitation for the month of **July** is also presented.

