

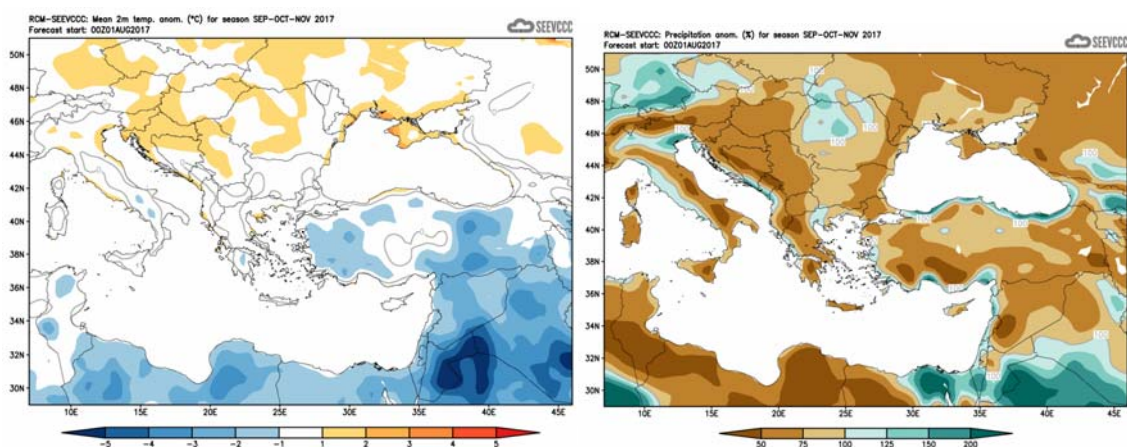
Seasonal weather forecast for the months of September, October and November 2017

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

The weather for the following three months, namely **September, October and November 2017**, will be presented, with respect to the anomalies of temperature, and accumulated precipitation.

During the period in focus normal temperatures (both maximum and minimum) are declining, suggesting **September** as the hottest month of the period and **November** the period's coldest month. The accumulated precipitation is at its lowest values during September but it rises well during the period. The first month of the period is likely to be climatologically characterized by outbreaks of thunderstorms, initiated from thermal causes over the main plain area or over the mountainous range from orographic uplift. During **October** and mainly during **November** the frequency of baroclinic depressions affecting the area increases significantly, resulting in higher accumulated precipitation. During **November** snow fall over the highest peaks of Troodos range is likely and may be recorded, as in the past.

Specifically, regarding the seasonal forecast for the period of **September, October and November 2017**, the temperature will be generally normal. Normal to lower than normal temperature characterizes also the greater part of Asia Minor, the Balkans and Middle East. The amount of the accumulated precipitation over Cyprus is expected to range generally from 75% of normal to normal, except over the southeastern part that is expected to range from 50% of normal to 75% of normal and north-western part that is expected to reach 125% of normal.

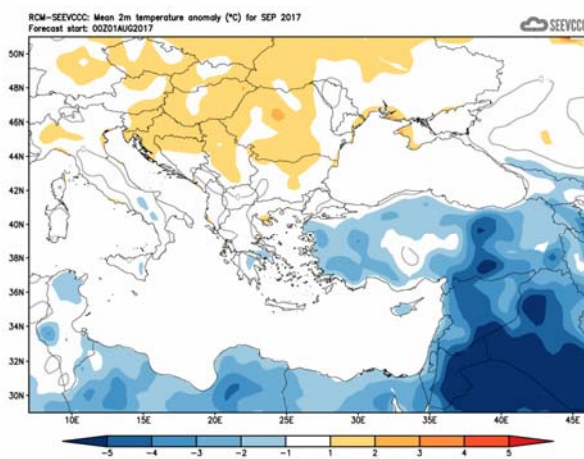


Divergence of temperature from normal from the mean seasonal temperature (°C) for September, October and November

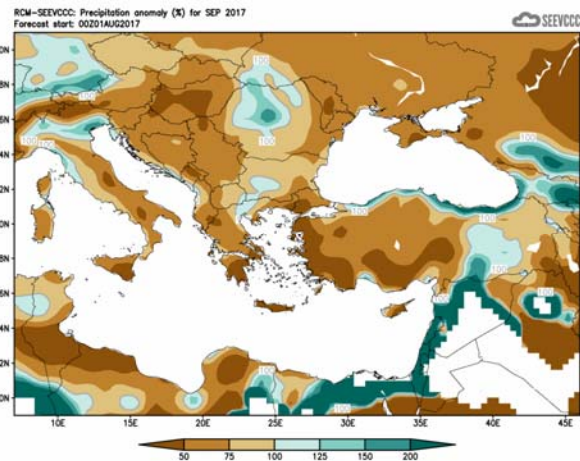
Percentage (%) of the mean seasonal accumulated precipitation compared to the mean normal for September, October and November

The seasonal monthly forecast in detail

The seasonal forecast suggests that **September's** temperature will be generally below normal, by 1 to 2°C. The lower than normal temperature is also a characteristic of the area of Asia Minor and Near and Middle East. The amount of the accumulated precipitation will reach 50% of normal over the eastern and southern, it will range between 50% and 100% of normal over northern part and mountainous areas and in some northwestern areas will reach 125% of normal.

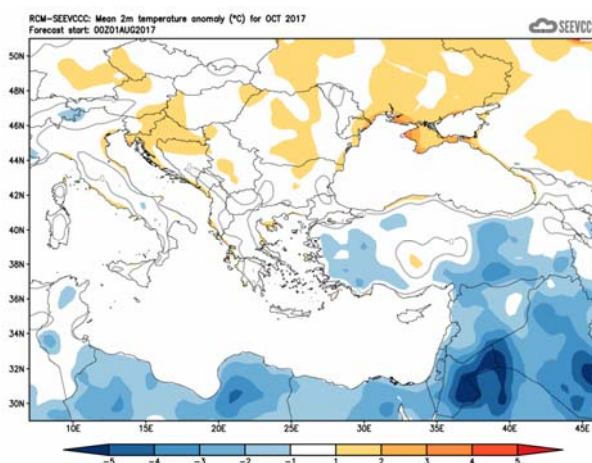


Divergence of the mean monthly temperature (°C)
from normal during September

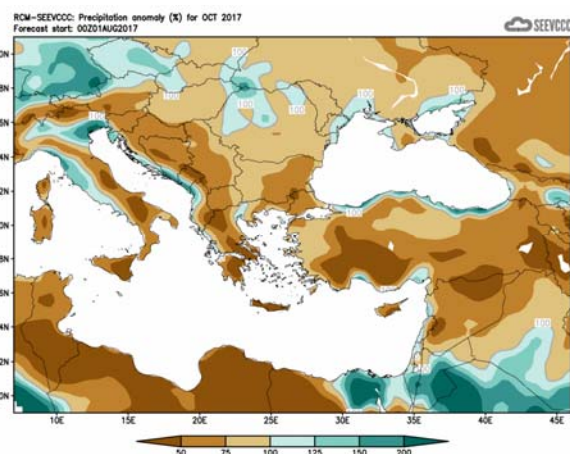


Percentage of the mean monthly precipitation (%)
compared with the normal of September

The seasonal forecast for **October** suggests that temperature will be generally normal. The accumulated precipitation of Cyprus will reach 50% of normal over south and east part and over the rest areas of Cyprus between 50% and 75% of normal.

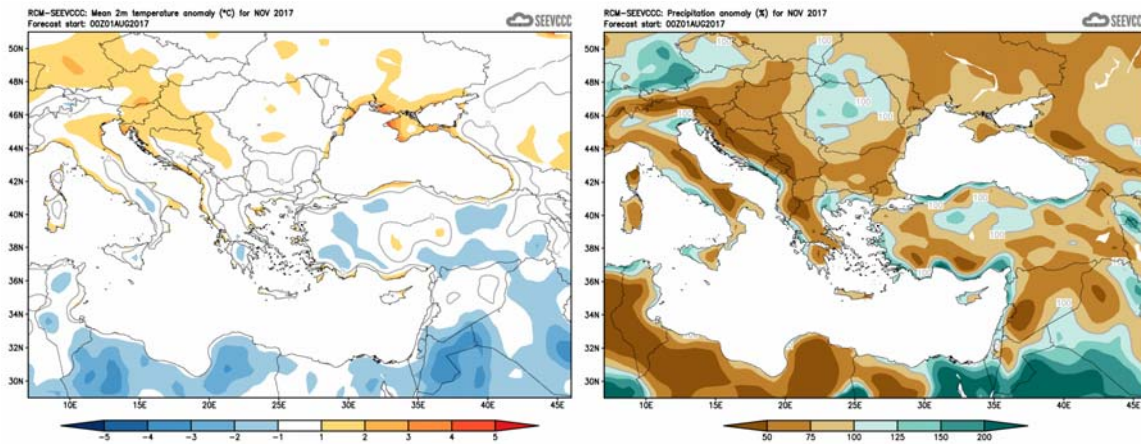


Divergence of the mean monthly temperature (°C)
from normal during October



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

The seasonal forecast for **November** suggests that temperature will be generally normal. The accumulated precipitation of November will range from normal to 150% of normal over west, north and mountainous areas and will range from 75% of normal to normal over the rest areas of Cyprus.



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

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

Normal values of temperature and accumulated precipitation for September, October and November 2017

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 **September** as the warmest month of the period and **November** as the coldest. On the other hand the accumulated precipitation is increasing significantly from **September** towards **November**, as presented by the climatological data shown on the table below. It is worth noting that **October's** and mainly **November's** accumulated precipitation is significantly higher than **September's** as a result of the reoccurrence/redeveloping of depressions over the area of the east Mediterranean.

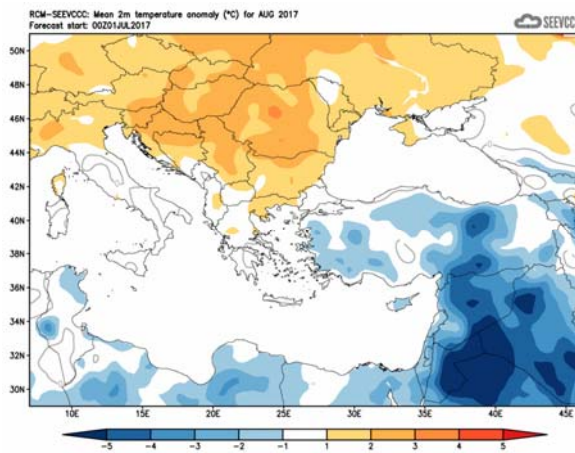
TEMPERATURE AND PRECIPITATION NORMAL VALUES FOR THE PERIOD 1981-2010									
Area Name	MEAN DAILY MAXIMUM TEMPERATURE (°C)			MEAN DAILY MINIMUM TEMPERATURE (°C)			MEAN MONTHLY TOTAL PRECIPITATION (mm)		
	September	October	November	September	October	November	September	October	November
NORTH COAST	30.1	26.4	21.7	19.2	15.1	12.2	4.0	30.3	58.6
WEST COAST*	29.0	26.4	22.4	19.1	15.4	12.9	3.6	27.4	52.6
MOUNTAINOUS AREAS	24.6	19.2	12.8	14.9	10.9	6.1	10.7	34.4	93.8
INLAND*	33.6	28.4	22.1	18.8	15.2	10.4	12.2	20.7	43.2
SOUTH COAST	30.9	27.8	22.6	19.8	15.7	12.4	4.3	16.0	46.8
EAST COAST**	31.9	28.5	22.4	19.6	15.7	11.8	2.9	19.9	44.0

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

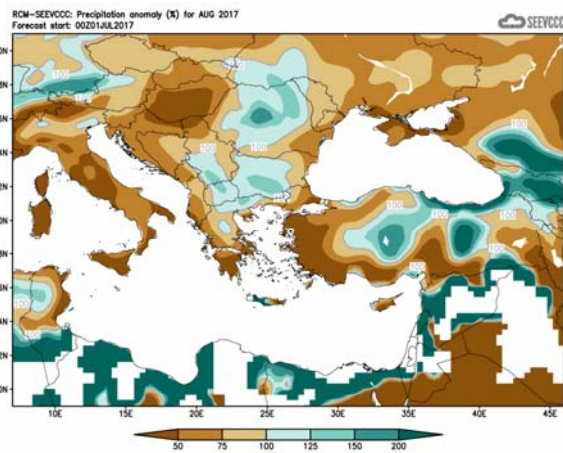
** East Coast Temperature Values cover the period 1981-2007

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

August's seasonal forecast suggested that temperature over Cyprus would be generally normal to lower than normal. The amount of the accumulated precipitation over most areas of Cyprus was expected to range between 50% and 75% of normal, over the southern and eastern part was 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

Concerning the models evaluation for **August** a general judgment is that the model performed well concerning the temperature. All of the mean daily maximum and mean daily minimum temperatures were around normal, except the station of Pafos (Airport) that the mean daily maximum temperature

and the mean minimum temperature were slightly above normal. . 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.

Extremes were also recorded with positive departures greater than 4°C, like Achna station where the highest daily maximum temperature (38.9°C) was 5.4°C greater than normal (33.5°C) and Prodrornos station, where the highest daily maximum temperature (32.6°C) was 4.6°C greater than normal (28°C). Generally, the highest maximum of the month was recorded on 1st of **August** over the inland station of Athalassa and it was 40.6°C with the normal being 36.9°C. For the 1st of August EMMA warning for high temperature was issued.

Daily minimum temperatures were also recorded, with negative departures greater than 4°C below normal, like Prodrornos, where a minimum of 13.4°C was 4.7°C below station's normal (18.1°C) and the station of Achna, where a minimum of 18°C was 4°C below station's normal (22°C).

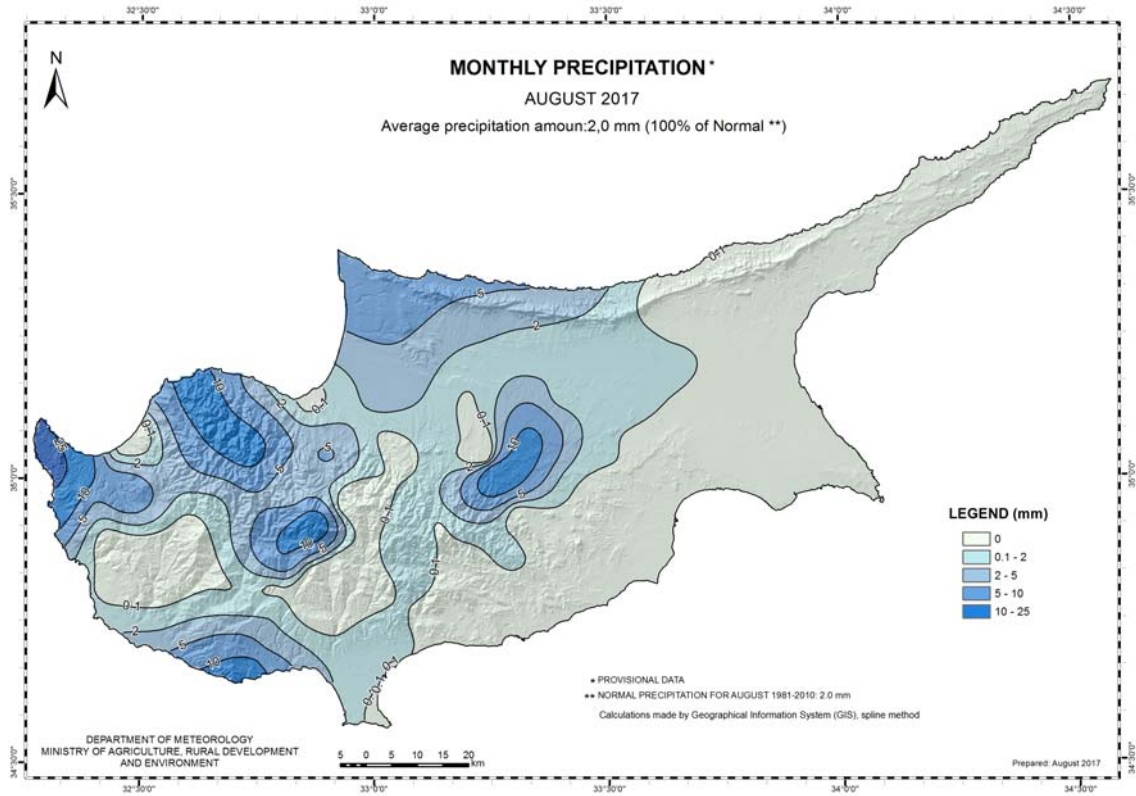
On the 4th, 5th, 6th, 12th and 23rd of **August** episodes of thundery activity and isolated showers over mountainous areas resulted in accumulated precipitation of 100% of normal.

TEMPERATURE AND PRECIPITATION PROVISIONAL DATA FOR AUGUST 2017														
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	33.1	33.3	-0.2	37.5	30.3	21.3	21.5	-0.2	18.2	23.4	1.7	0.0	1.7
82*	PAFOS (AIRPORT)	31.8	30.5	1.3	33.3	30.1	22.4	21.1	1.3	19.7	25.2	2.7	0.0	2.7
225	PRODROMOS (C.F.C.)	29.1	28.0	1.1	32.6	22.3	17.1	18.1	-1.0	13.4	20.4	5.3	12.0	-6.7
666*	ATHALASSA (RADIOSONDE)	37.2	36.9	0.3	40.6	33.3	22.8	21.9	0.9	19.4	25.4	1.0	1.8	-0.8
731	LARNAKA (AIRPORT)	33.3	32.9	0.4	36.5	31.8	23.2	22.3	0.9	20.2	25.2	0.0	0.3	-0.3
800**	ACHNA (DASAKI)	32.9	33.5	-0.6	38.9	30.9	22.0	22.0	0.0	18.0	26.2	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 **August** 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 **August** is also presented.

