

Seasonal weather forecast for the months of August, September, and October 2026

General overview of the weather expected to prevail for August, September and October

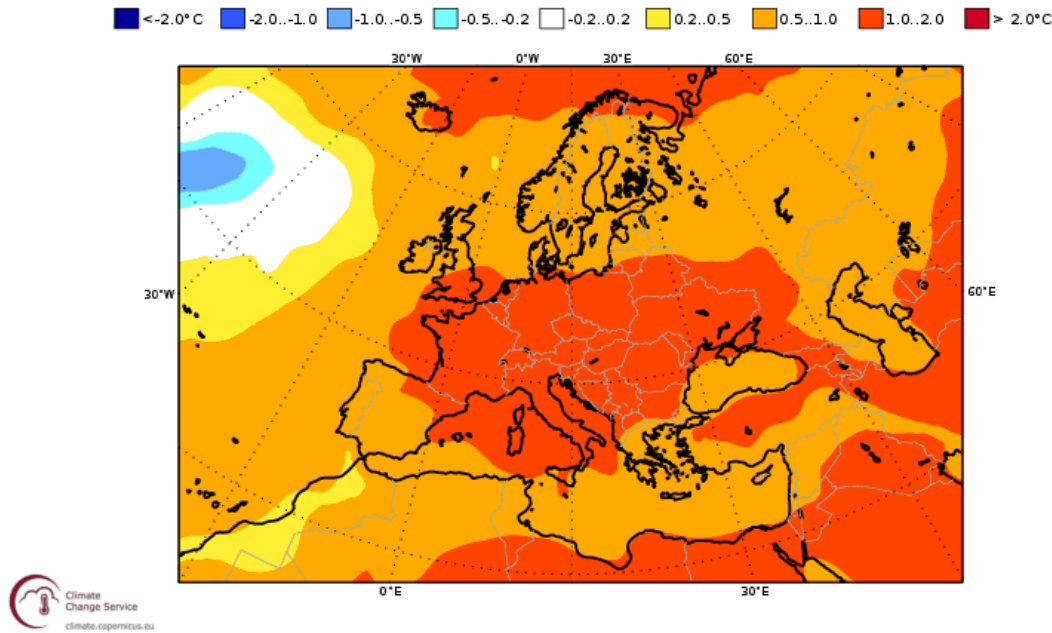
The period of **August, September and October 2026**, which is analyzed climatically below, concerns the end of the summer, dry period of the year, and the first two transitional months, the traditional autumn. September has similar characteristics to the second fortnight of August, while October begins to differ somewhat in terms of both an increase in cumulative rainfall and a decrease in temperature. The seasonal barometric low characterizes the synoptic situation in the entire eastern Mediterranean region mainly in August, while in September and especially in October it shows signs of contraction towards the east. During the period of September and mainly October the atmosphere begins to change to acquire its winter characteristics.

For the seasonal weather forecast, the multi-model system of the Copernicus C3S service was used. The climatology of the models that make up this multi-model system refers to the period 1993–2016; in other words, the values presented represent deviations from the average values of that period. It should be noted that seasonal forecasting aims to capture trends in atmospheric circulation on a continental or planetary scale, and its results should be interpreted with due caution.

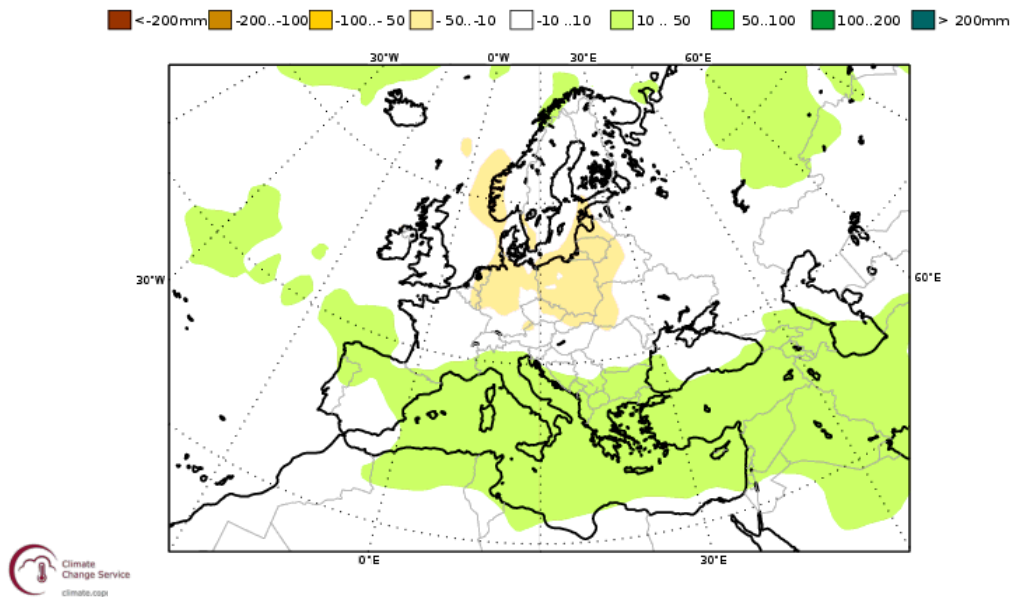
The general outlook for the upcoming three-month period in Cyprus, according to the seasonal forecast, is expected to feature slightly above-normal temperatures and precipitation exceeding normal levels. Specifically, the average temperatures for the three-month period are forecast to be 0.5 to 1.0°C above the seasonal average, while the cumulative seasonal rainfall for August, September, and October is expected to be 10 to 50 mm above the seasonal normal.

In addition, the forecast indicates that positive temperature anomalies are expected across most of Europe. The only area where negative temperature anomalies appear likely is locally over the Atlantic Ocean, southwest of Iceland. Across most European regions, positive temperature anomalies are forecast to range between 1 and 2°C, while over eastern Europe and locally in western and northern Europe they are expected to range between 0.5 and 1°C.

With regard to precipitation, near-normal conditions are forecast for many parts of Europe, with a tendency towards above-normal rainfall over the Mediterranean countries and parts of the Middle East. Slightly below-normal precipitation is expected mainly over parts of Poland and Germany.



Deviation of the mean seasonal temperature (°C) from the long-term average
for the period August, September and October

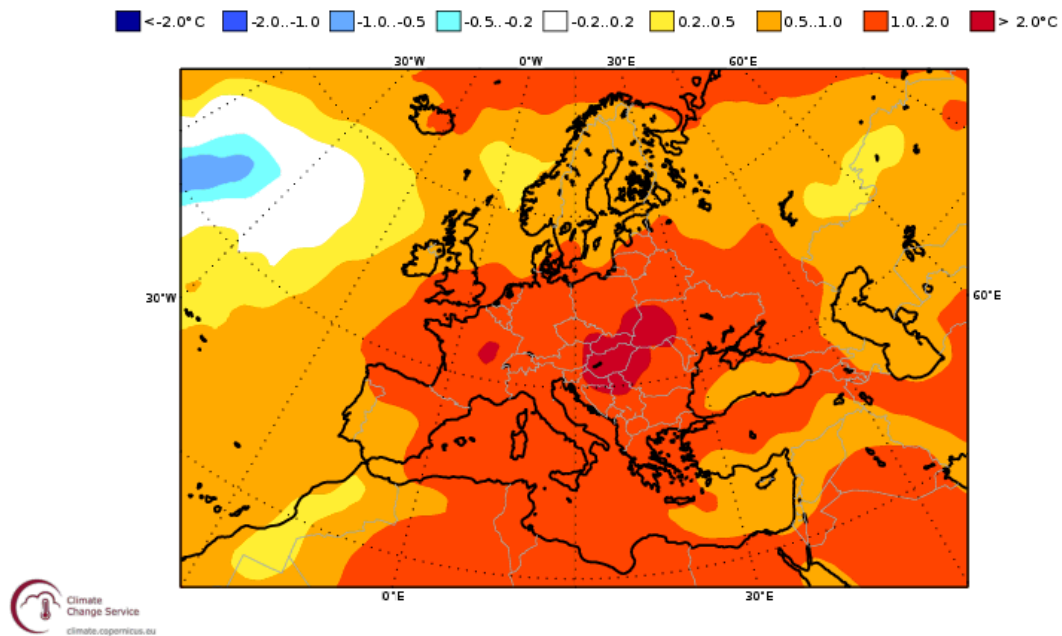


Deviation of the mean seasonal precipitation (mm) from the long-term average for
the period August, September and October

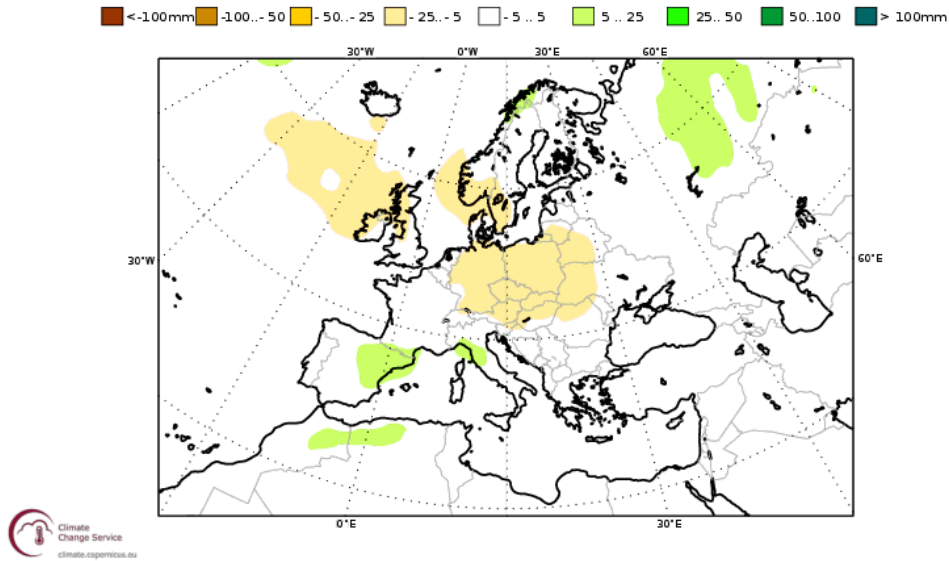
The seasonal monthly forecast in detail

August is expected to be 0.5°C to 1.0°C warmer than normal across the entire island. Similarly, temperatures are forecast to be above or even well above normal across almost all of Europe. With regard to precipitation, rainfall is expected to remain near normal in Cyprus, as well as across most parts of Europe. It should be noted, however, that the normal cumulative rainfall totals for August are very low in the lowland areas of Cyprus, as shown in the table of climatological normals below.

C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM
Mean 2m temperature anomaly
Nominal forecast start: 01/07/26
Variance-standardized mean
AUG 2026

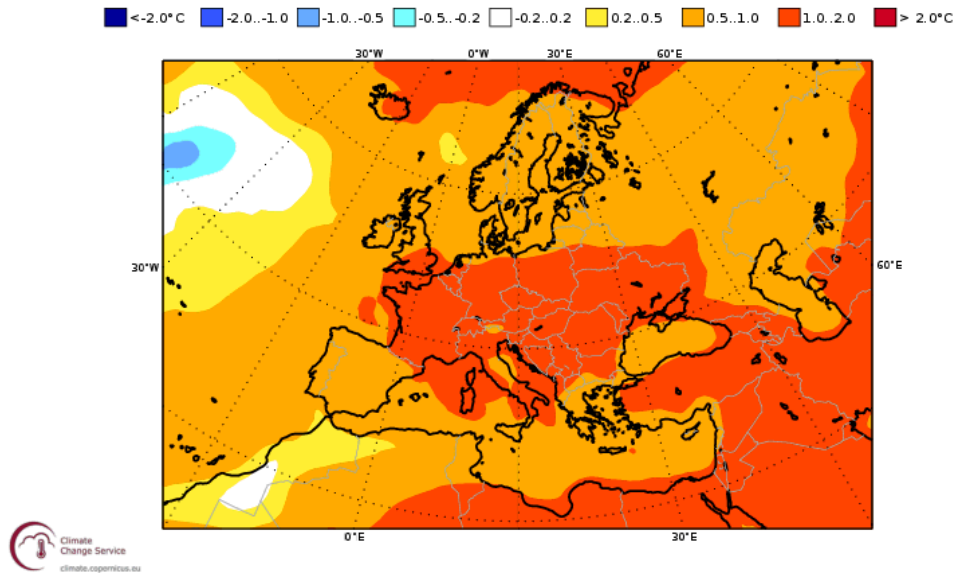


Deviation of the mean monthly temperature (°C) from normal during August

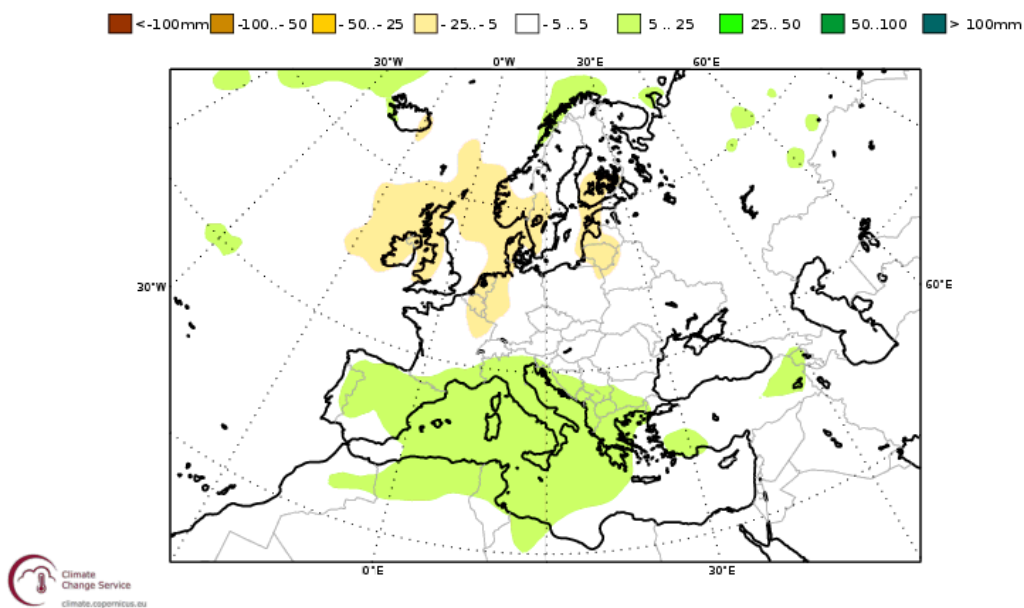


Deviation of the mean monthly precipitation (mm) from the normal for August

September is also expected to be 0.5°C to 1.0°C warmer than normal across Cyprus. Likewise, temperatures are forecast to be above normal across almost all of Europe during the month. With regard to precipitation, rainfall is again expected to be near normal in Cyprus. However, indications point to above-normal precipitation across the Mediterranean region.



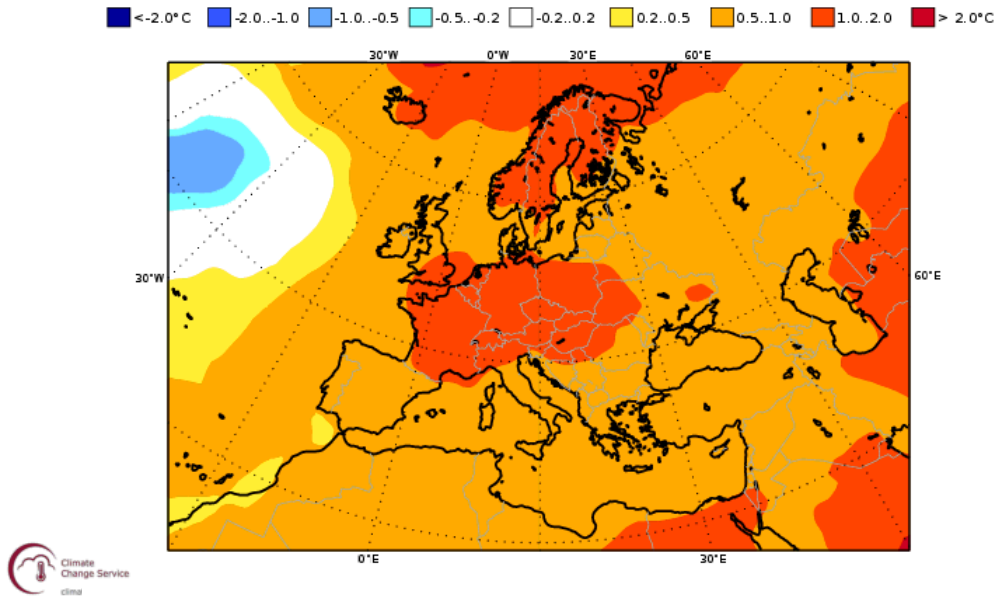
Deviation of the mean monthly temperature (oC) from normal during September



Deviation of the mean monthly precipitation (mm) from the normal for September

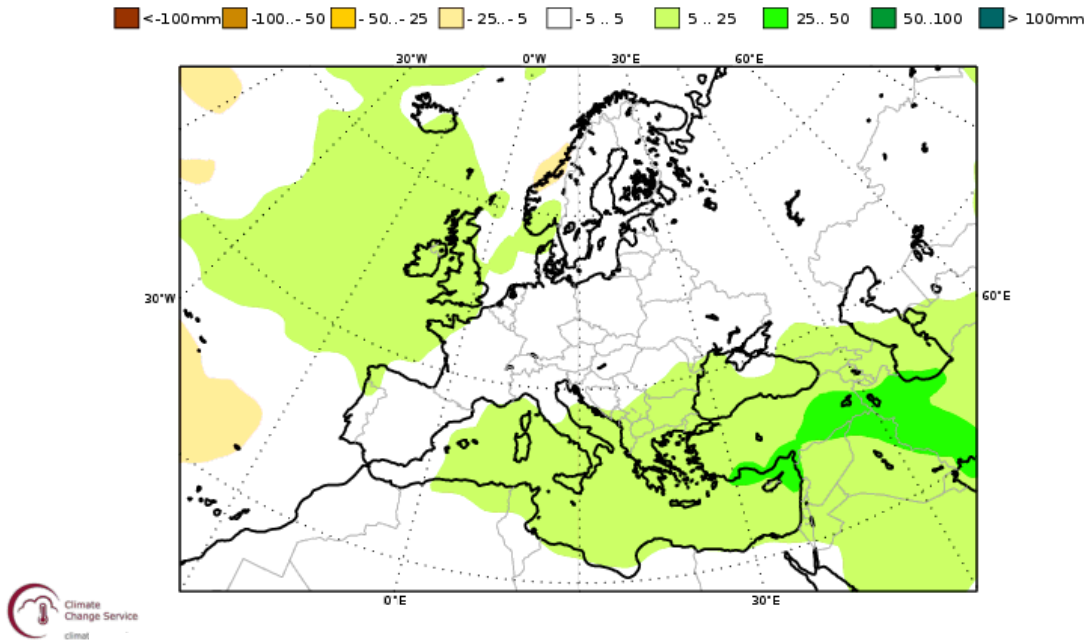
October is also expected to be 0.5°C to 1.0°C warmer than normal across Cyprus. Similarly, temperatures are forecast to be above normal across almost all of Europe during the month. With regard to precipitation, seasonal rainfall is expected to be above normal, by approximately 5 to 25 mm, with locally higher amounts possible over the northern parts of the island. A tendency towards above-normal precipitation is also forecast across the Mediterranean countries and the Middle East.

OCT 2026



Deviation of the mean monthly temperature (oC) from normal during October

OCT 2026



Deviation of the mean monthly precipitation (mm) from the normal for October

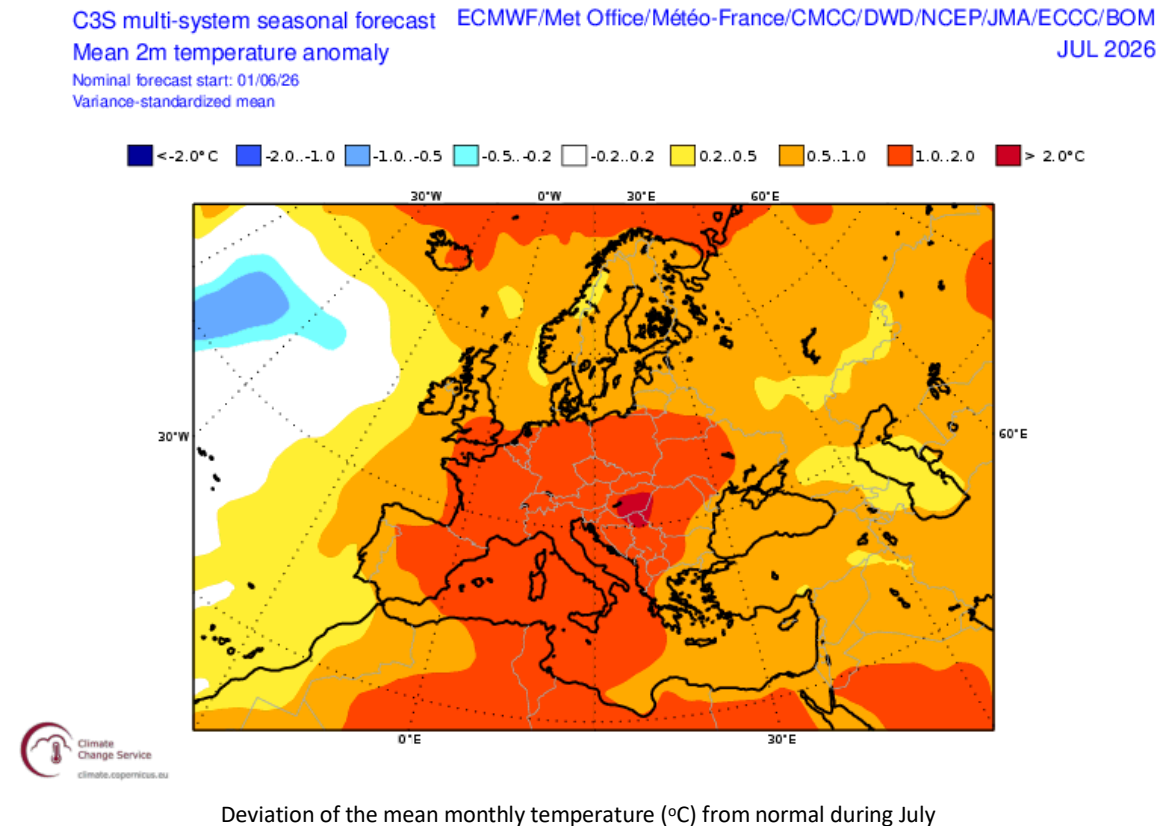
Normal values of temperature and accumulated precipitation for August, September and October

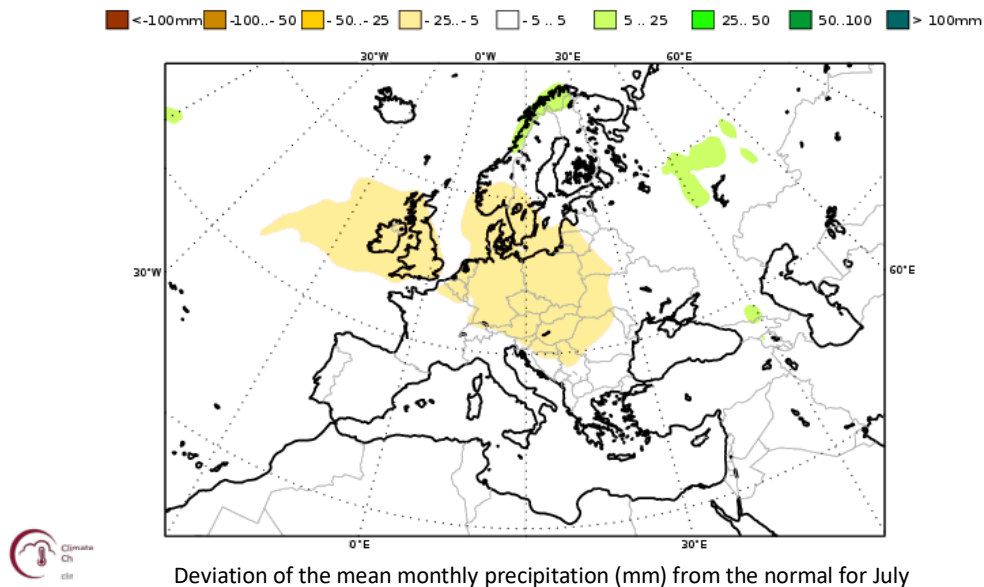
The normal values of mean maximum, mean minimum temperature and accumulated precipitation are presented below concerning the three months the period of forecast is covering, in order to gain a better view of the normal seasonal climate. The temperature, both maximum and minimum, is on the rise suggesting **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** towards **October**, as presented by the climatological data shown in the table below. It is worth noting that **October's** precipitation is significantly higher than **August's** because of the occurrence of depressions over the area of east Mediterranean (during October).

TEMPERATURE AND PRECIPITATION NORMAL VALUES FOR THE PERIOD 1991-2020									
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	33.6	30.3	26.8	22.1	19.8	16.6	0.1	5.9	32.3
WEST COAST	31.0	29.4	27.0	21.7	19.8	17.2	0.1	4.2	21.7
MOUNTAINOUS AREAS	28.5	25.0	19.8	18.3	15.0	11.2	12.9	14.1	42.6
INLAND	37.4	34.0	29.2	22.5	19.4	15.9	1.2	10.8	24.4
SOUTH COAST	33.3	31.4	28.3	23.0	20.6	17.5	0.4	5.2	16.0
EAST COAST	33.6	31.8	28.7	22.2	19.8	17.0	0.1	4.4	18.2

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

The seasonal forecast suggested that July would be warmer than normal by 0.5°C to 1.0°C across most of Cyprus. Across almost the whole of Europe, temperatures were also expected to be significantly above normal for the month. Seasonal rainfall over Cyprus was forecast to remain close to the climatological average. It should be noted, however, that rainfall during this time of year is climatologically very limited and contributes only marginally to the island's annual water balance.





Based on the preliminary data recorded by the Department of Meteorology and presented in the table below for the selected reference stations, the seasonal model performed very well for **July** with respect to the seasonal temperature forecast. Overall, July was generally slightly warmer than normal in terms of both maximum and minimum temperatures.

Regarding the cumulative rainfall during the summer months, it should be noted that it is difficult to provide quantitative assessments, as summer rainfall is predominantly convective in nature and characterized by highly localized events that are difficult for seasonal numerical forecasting models to capture. According to the data, **July** recorded an average area rainfall of 8.1 mm, corresponding to 279% of the climatological normal. Therefore, it is evident that the model did not perform satisfactorily in relation to the seasonal forecast of average monthly precipitation.

TEMPERATURE AND PRECIPITATION PROVISIONAL DATA FOR JULY 2026														
St. No.	Station Name	Mean Daily Maximum Temperature (°C)	Normal Value (1991-2020)	Difference from Normal Value	Highest Daily Maximum Temperature (°C)	Lowest Daily Maximum Temperature (°C)	Mean Daily Minimum Temperature (°C)	Normal Value (1991-2020)	Difference from Normal Value	Lowest Daily Minimum Temperature (°C)	Highest Daily Minimum Temperature (°C)	Monthly Total Precipitation (mm)	Normal Value (1991-2020)	Difference from Normal Value
41	POLIS CHRYSOCHOUS	34.6	33.6	1.0	38.5	31.0	22.8	21.7	1.1	20.4	25.3	0.0	0.1	-0.1
82	PAFOS (AIRPORT)	31.3	30.4	0.9	36.6	28.9	23.4	21.0	2.4	21.3	25.7	3.9	0.2	3.7
225	PRODROMOS (C.F.C.)	28.2	28.6	-0.4	33.0	22.5	18.2	18.3	-0.1	12.9	21.7	35.6	13.8	21.8
666	ATHALASSA (RADIOSONDE)	38.6	37.5	1.1	43.2	34.6	23.0	22.6	0.4	19.4	28.2	1.1	4.9	-3.8
731	LARNAKA (AIRPORT)	33.8	33.0	0.8	38.2	31.1	22.8	22.6	0.2	20.5	26.1	0.0	0.7	-0.7
800	ACHNA (DASAKI)	34.5	33.2	1.3	41.6	31.1	22.5	21.8	0.7	19.4	25.3	0.1	0.1	0.0
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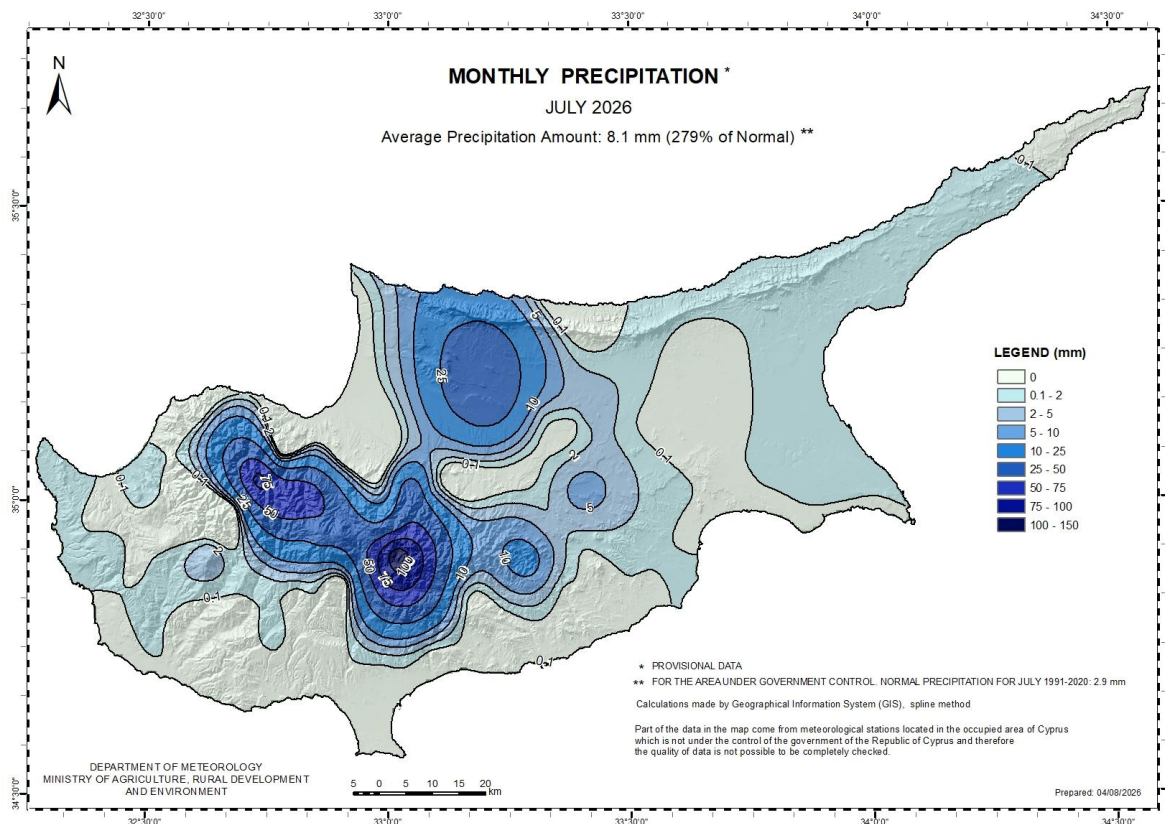
With regard to the recorded mean maximum and minimum temperatures, these were slightly above the climatological normals for the season at most of the selected reference stations. Extreme maximum temperatures were also recorded, with positive anomalies exceeding 4°C above normal. For example, at the Achna station and Paphos Airport, the extreme maximum temperatures reached 41.6°C and 36.6°C, respectively, corresponding to departures of 8.4°C and 6.2°C above the climatological normals for the two locations. Exceptionally high minimum temperatures were also observed, with anomalies of at least 4°C above normal at several stations. At Athalassa and Paphos Airport, the minimum temperatures reached 28.2°C and 25.7°C, respectively, representing positive departures of 5.6°C and 4.7°C above the climatological normals for the two stations.

During **July**, extremely high temperature **EMMA** warnings, have been issued at both the yellow and the orange risk level, for both the maximum and the minimum temperatures. Specifically, warnings for exceptionally high temperatures were issued at the yellow warning level during the periods 12–13, 16–23, and 28–31 July, while orange warning level alerts were issued during 22–23 July.

In addition, EMMA Warnings at the Yellow risk level were issued on 6 and 8 July regarding thunderstorm events.

During the periods 5-9, 18 and 21 of **July** local showers and isolated thunderstorms were reported.

For a better visualization of **July's** accumulated precipitation, a chart of Cyprus with the total preliminary accumulated precipitation is presented below, as well as a map showing the mean climatological precipitation for **July**, based on the 1991–2020 climatological period.



The preliminary monthly rainfall map is produced for the whole of Cyprus. Data from meteorological stations located in the occupied areas are also used; however, the mean monthly rainfall is calculated only for the areas under the control of the Government of the Republic of Cyprus and is compared with the corresponding average of the 1991–2020 climatological period. It is noted that for the monthly maps of the 1991–2020 climatological period, data are available only for the areas controlled by the Government of the Republic of Cyprus.

