

## Seasonal weather forecast for the area of South-East Europe

Under the present link, of the official website of Cyprus Department of Meteorology will be posted, on a regular basis, the graphic output of the seasonal weather forecast, for the next 3 months, as well as analyses corresponding to comparisons related to the values of the observed values and the normal ones. Analyses of the seasonal forecast will also be posted under the present link regarding the validation of the meteorological situation of the month on which the forecast of the next three months was based on.

The seasonal forecast model is in use since 2009, and issues every month seasonal forecasts for the next 7 months (graphics and analyses of the 3 next months will only be presented) especially for the area of South-Eastern Europe. The hosting organization is the Hydrometeorological Service of Serbia and the project is under the umbrella of the World Meteorological Organization. The model from which the specific seasonal forecast is produced is dynamic and has many similarities with the short range weather forecast models. So the model in use results in uncertainty (as any other weather forecasting product) and for the previous reason it is possible to diverge from the real weather observed. The whole project is named **South-East European Climate Outlook Forum (SEECOF)**.

The fields of differences (anomalies) of temperature and rainfall (rainfall and temperature parameters are key prognostic parameters in the final level of short-term forecast and of course for seasonal and climate forecasts), from the normal values were selected for presentation and commentary of the seasonal products. The areas of the meteorological stations, Athalassa for inland, Polis for the northern coast, Paphos int. airport on the western coast, Larnaka int. airport on the southern coast, Frenaros for the eastern coast and Prodromos Forest College for the higher mountainous areas were selected as reference areas. The recent climatological period 1981-2010 is employed for a more direct comparison against the observed meteorological values.

The forecast must be considered as a general guide line of the prevailing climate for the next few months for the area of Cyprus.