

Report of National Meteorological Administration (Bucharest, Romania) Winter 2010-2011

Normal winter temperatures have been recorded in a large part of the country with the exception of Southern and Eastern regions where the thermal anomalies were generally below normal (figure 1). Winter precipitation amounts were normal and above normal in almost all Romanian regions (figure 2). In the first part of the winter, floods occurred in the North-Western regions of Romania due to high precipitation amounts cumulated with snow melting during warm episodes which alternated with cold ones.

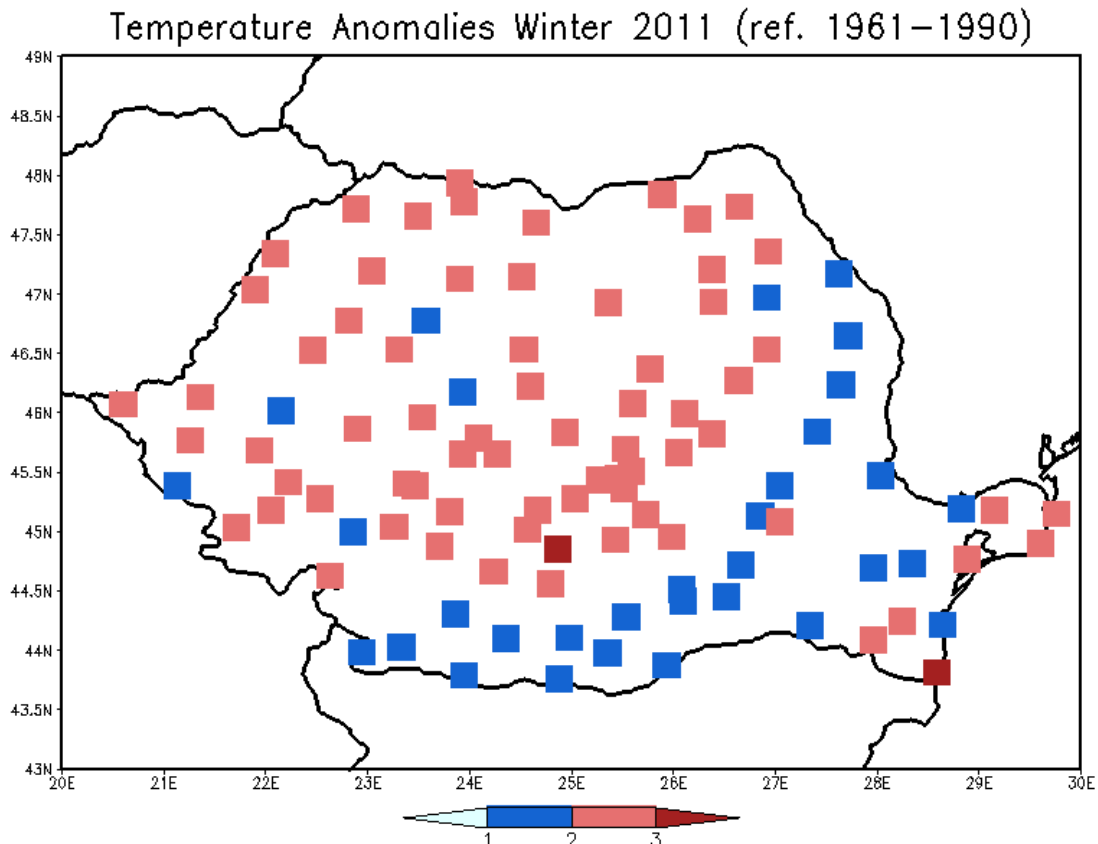


Figure 1. Terciles of temperature for the winter 2010-2011 at 103 Romanian stations. Blue squares (1) illustrate below normal temperatures, pink squares (2) are for normal values and red squares (3) for above normal ones.

The SEECOF-4 outlook for temperature was relatively good. The prediction stated that there are only 25% chances for above normal temperature over Romanian territory. Only 2 out of the available 103 Romanian stations recorded above normal temperature (figure 1). The precipitation outlook for the Northern and Western part of the Romania was worse than for the Southern and Eastern areas. The prediction stated only 25% chances for above normal precipitation in the Northern and Western regions and

35% chances for above normal precipitation in the Southern and Eastern areas. In fact, above normal values were present all over the country and only 6 out of the available 103 stations recorded below normal precipitation (figure 2).

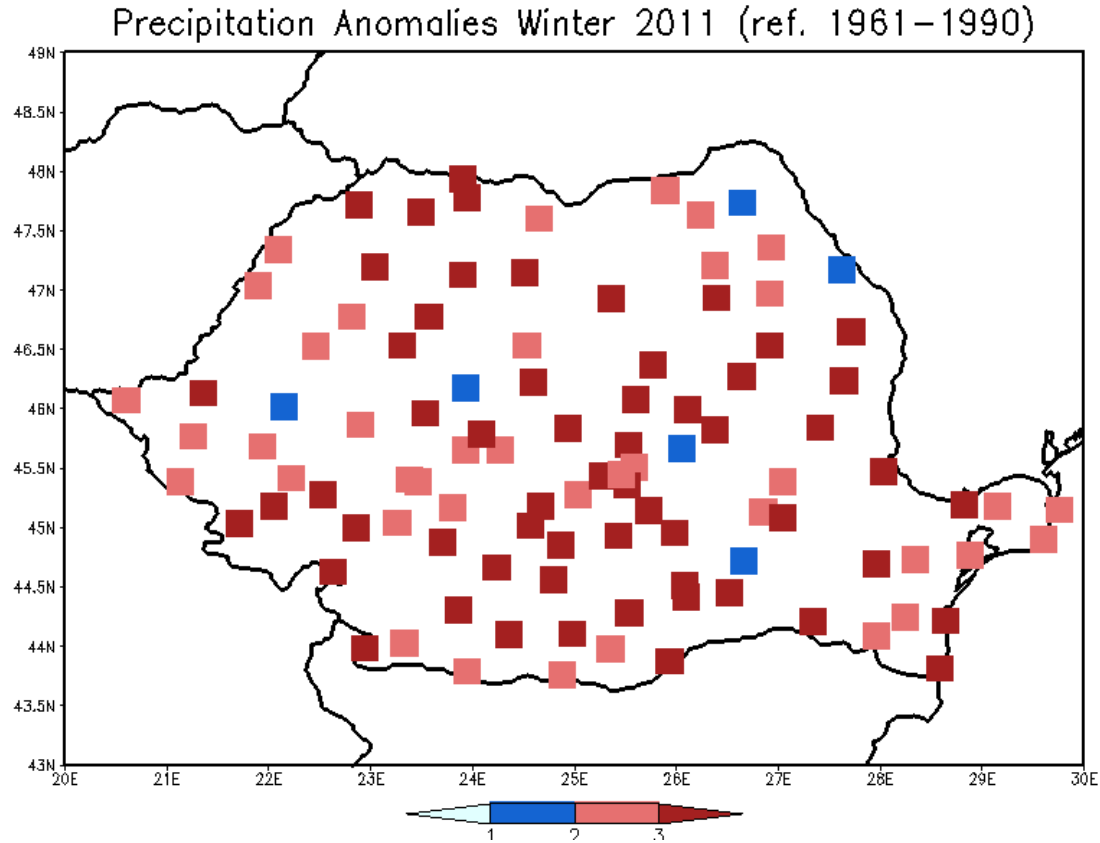


Figure 2. Terciles of precipitation sum for the winter 2010-2011 at 103 Romanian stations. Blue squares (1) illustrate below normal temperatures, pink squares (2) are for normal values and red squares (3) for above normal ones.

The subjective perception among outlook users has been that the winter was a severe one, even though from the climatological point of view it was not in the top of most severe winters in Romania. The mild winters of the last 2 decades are still influencing the users perception.