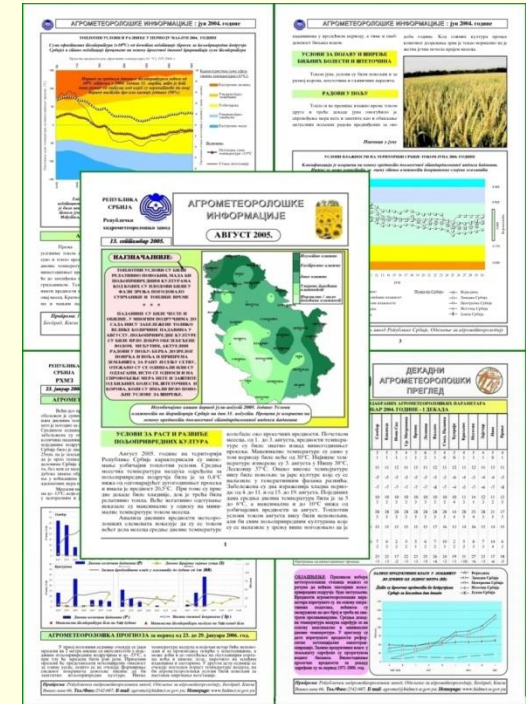


MOISTURE CONDITIONS – DROUGHT MONITORING

OPERATIVE APPLICATION OF STANDARDIZED PRECIPITATION INDEX



Products of operative 1-24 months
Standardized precipitation index (SPI)
application facilitate the moisture condition
monitoring and are presented in bulletins
and analyses made by RHMS of Serbia



Republic
Hydrometeorological
Service of Serbia



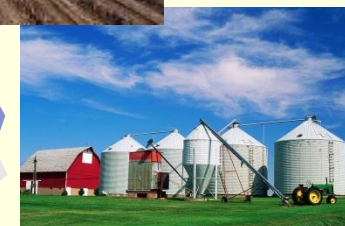
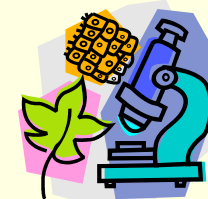
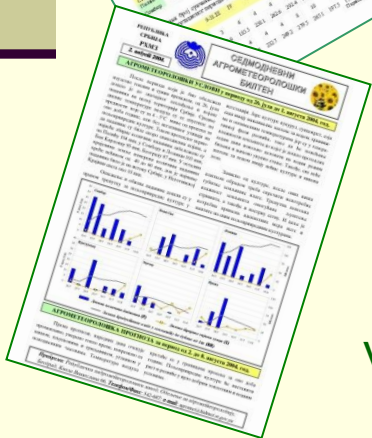
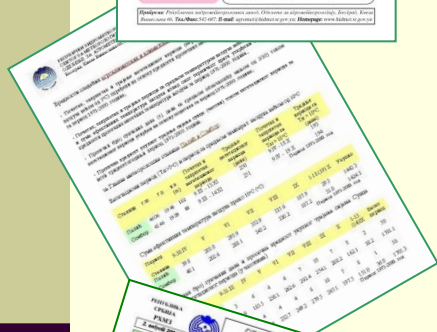
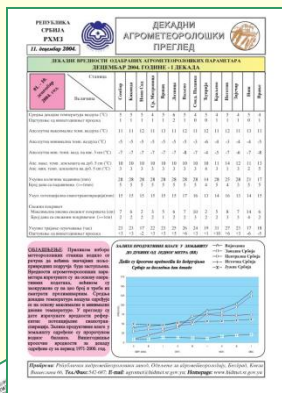
Regular agricultural meteorology bulletins and analyses, warnings and forecasts, information on request as well as agroclimatic studies results are distributed to various users in the field of agriculture:

- Farmers, production and other organizations and their associations;
- Scientific, expert and technical agricultural institutions
- Governmental bodies and nongovernmental organizations

and to the

- Public information sector:
 - television
 - newspapers and periodicals
 - radio

via Internet, e-mail, phone/fax, mail etc.

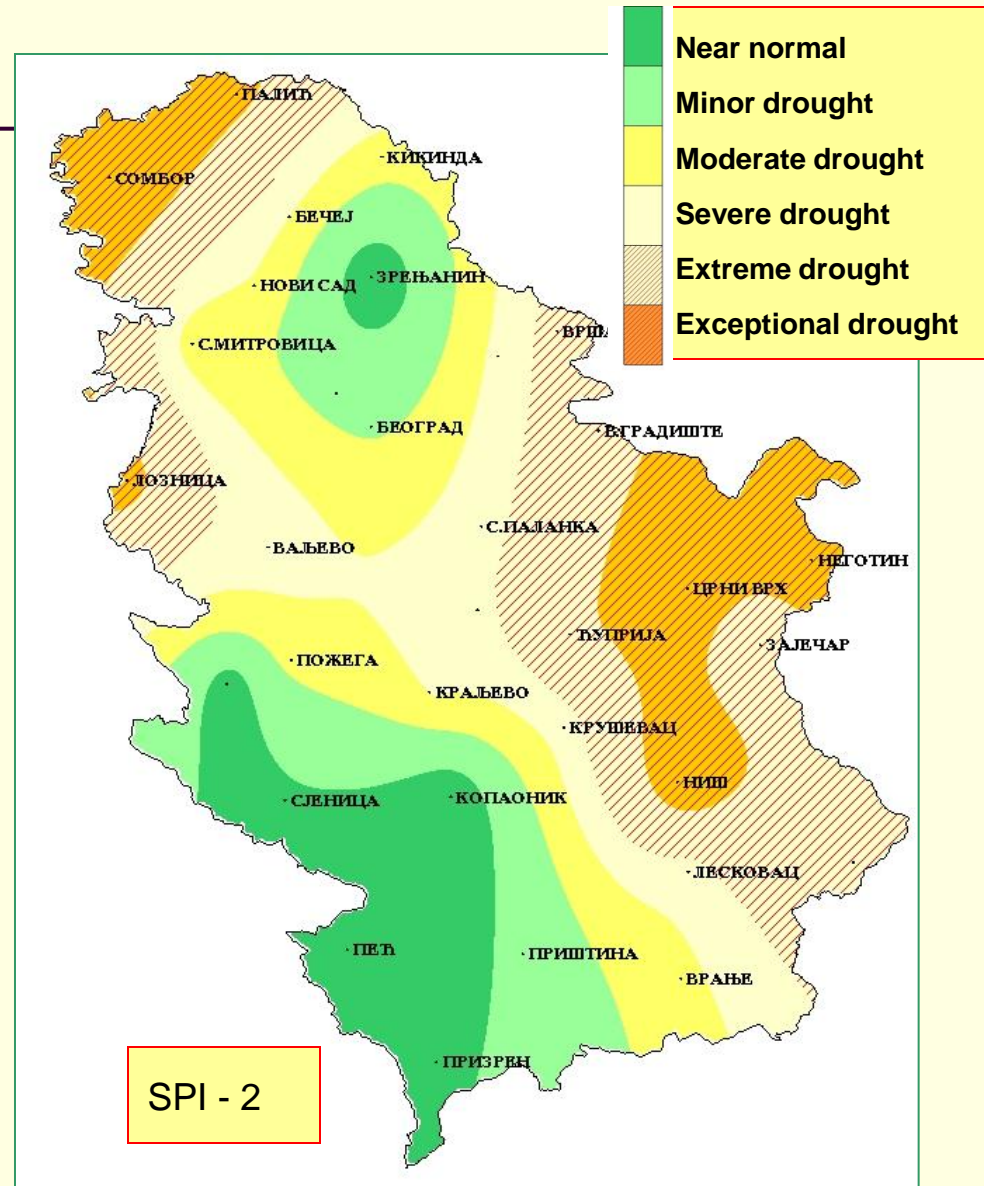


SPI: EXAMPLES OF MOISTURE CONDITIONS ANALYSES

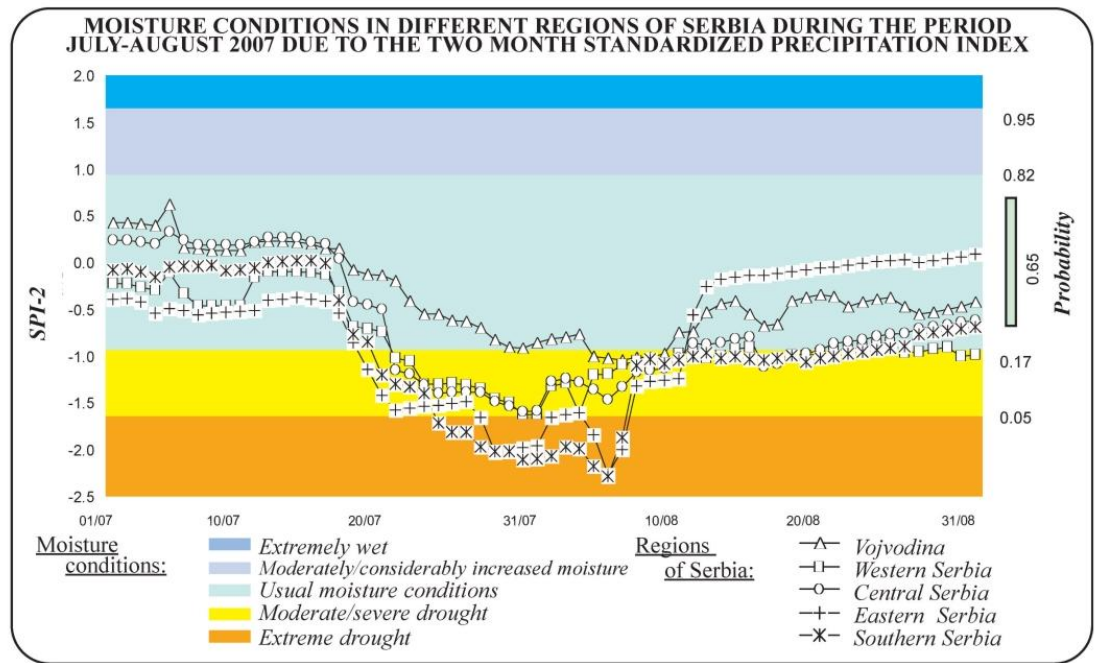
DROUGHT MONITORING

Extreme drought was registered twice in the 2007 on the territory of Serbia: during the early spring and mid summer. Drought characterized the period of autumn sowing in 2006 also, so the loses in agriculture production were serious.

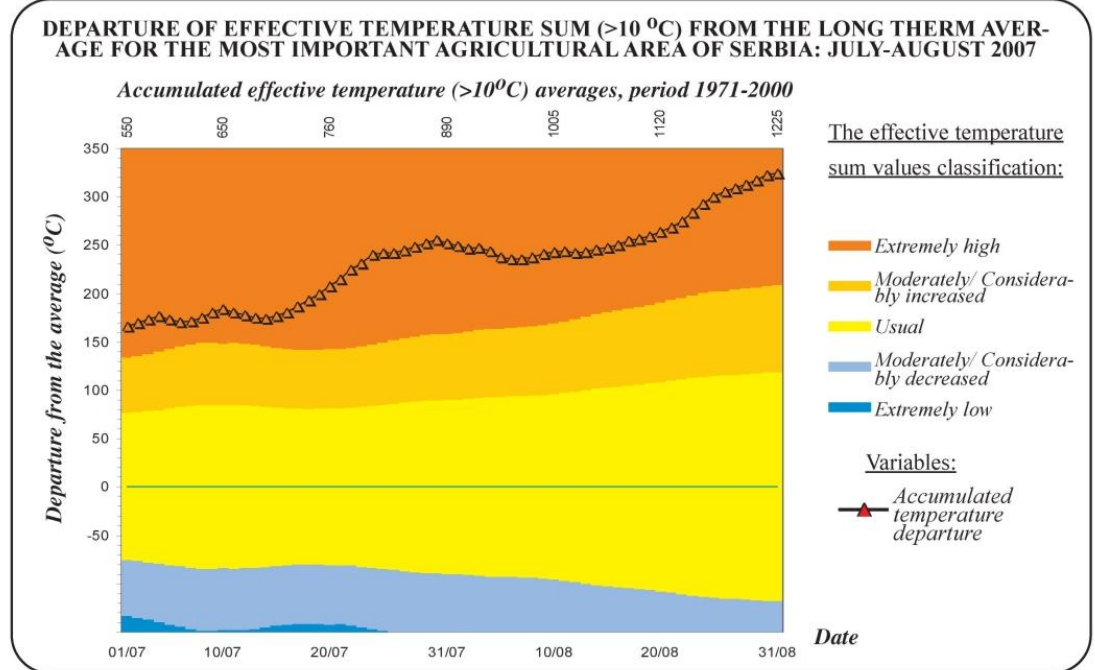
Extreme spring drought in eastern and nortwest parts of Serbia: conditions on May 4th 2007, estimated on the basis of SPI for two months



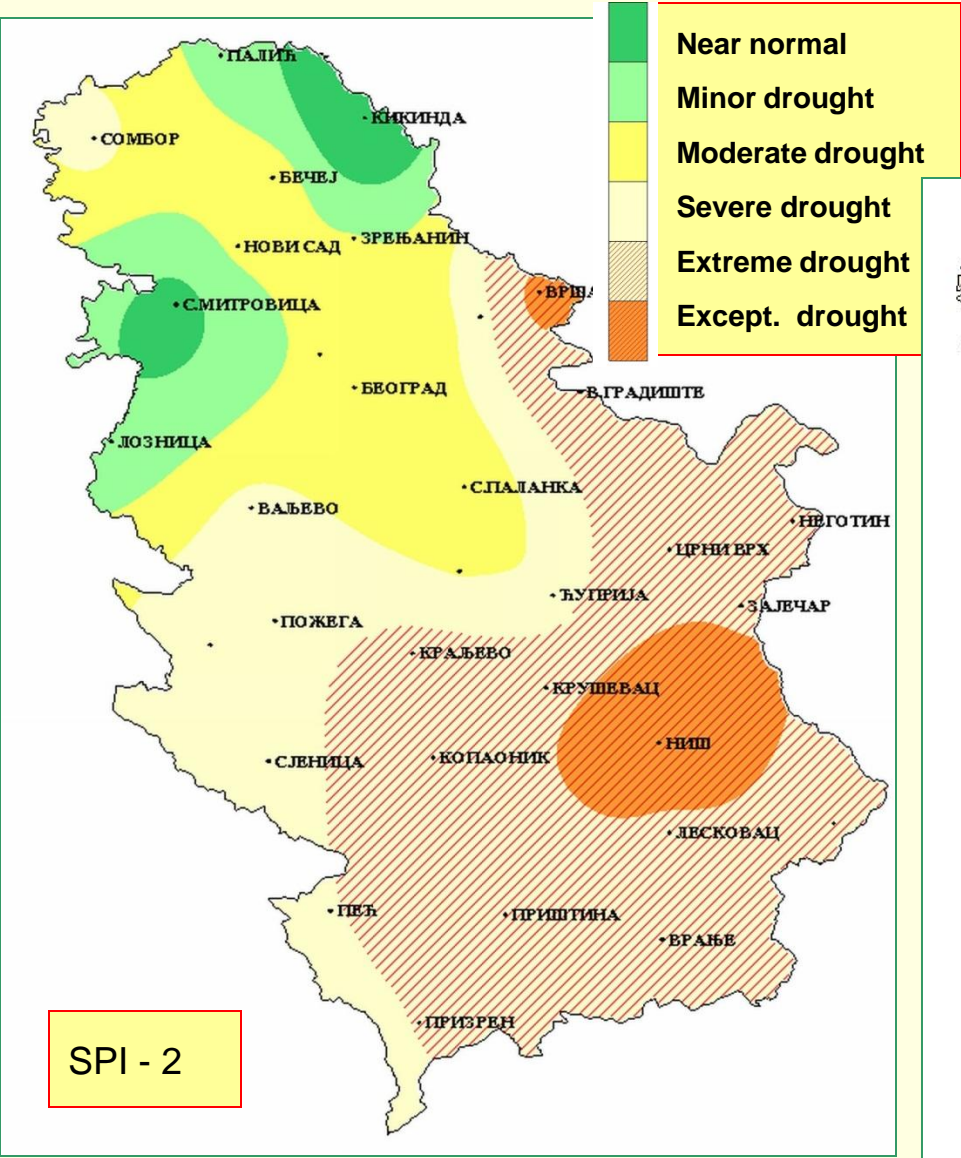
Summer drought in 2007: shortage of precipitation was accompanied with extremely high temperatures. New absolute maximum temperature values exceeded in the most of the country



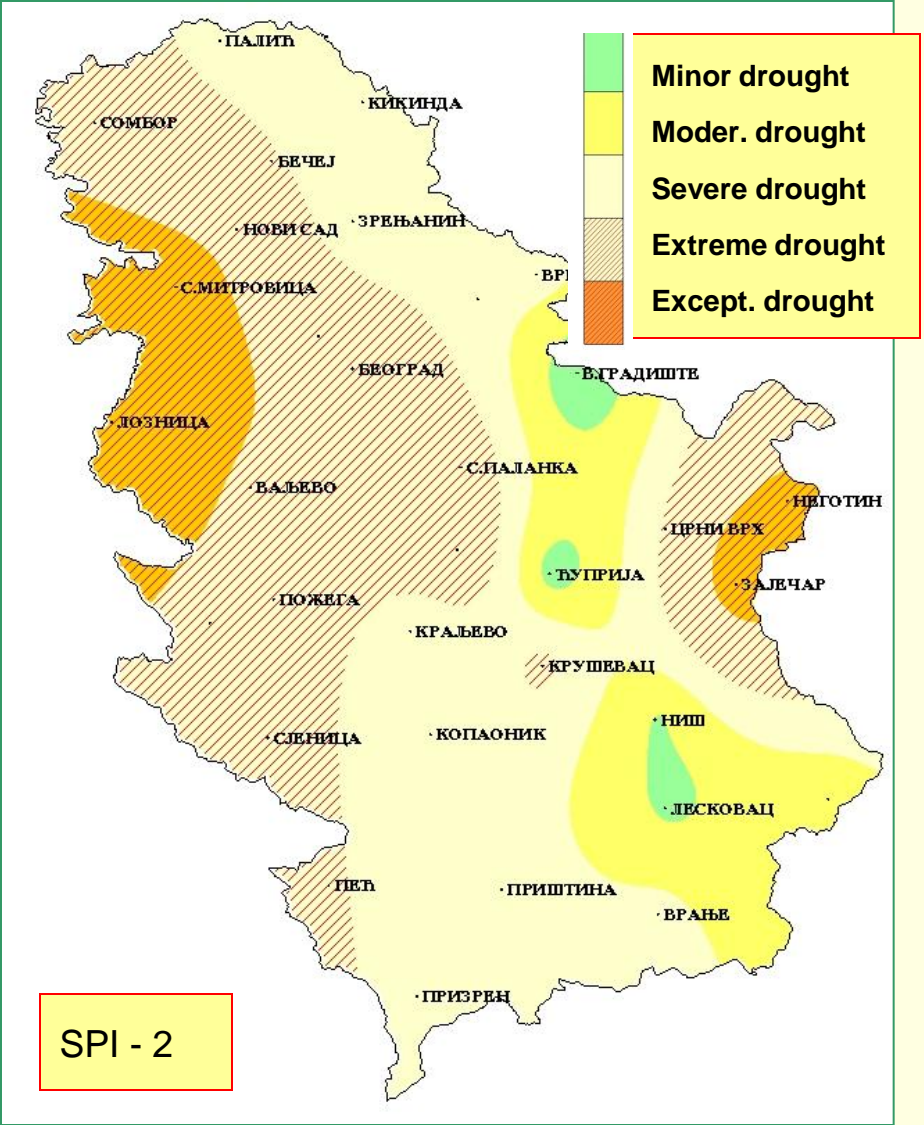
Average daily values of two month - SPI for the five parts of Serbia (up) and average value of effective temperature sum ($> 10^{\circ}\text{C}$) departure from the multiyear average for the most important agriculture region (down) during the period July-August 2007



Autumn-winter drought in 2006: conditions on December 17th (SPI - 2)



Summer drought in 2007: moisture conditions on August 5th (SPI - 2)



SPI - 2