

Status of operational application in Bulgaria

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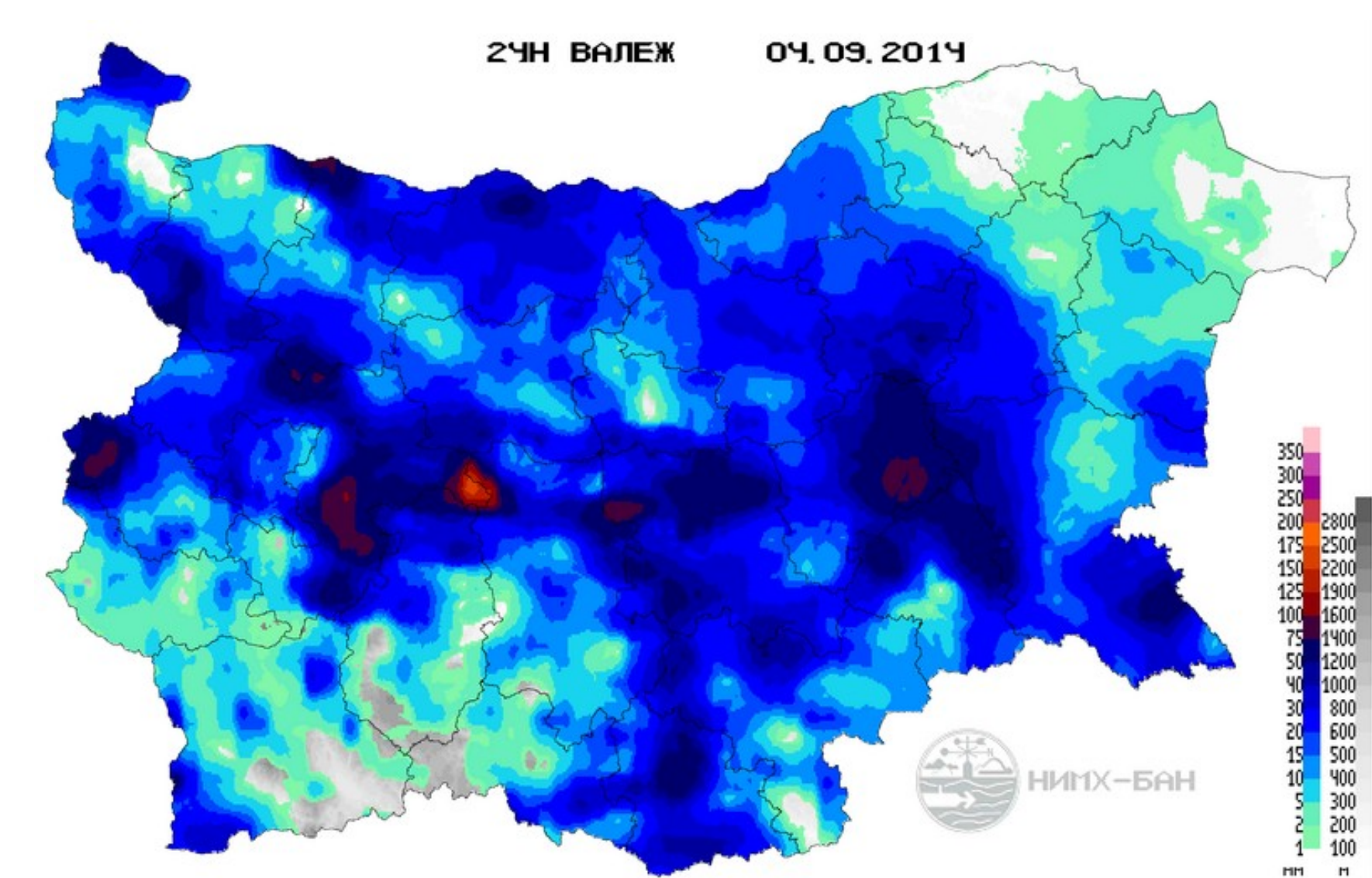
Since the last EUGLAM meeting, the news for ALADIN – BG are:

- switched to the new climatology files: validation and test on our cluster the new clim telecom files; creation of parallel suit based on mirror production on BULL; re-computation on BULL of climatology files for the integration and post processing domains and PGD file for SURFEX -> the smooth transition to the new operational production on BULL was assured.
- porting of cy38t1: the full parallel suite is constructed on our cluster by B. Tsenova; there are no significant differences between the productions from the two forecasts -> cy38t1 is expected to become operational in Bulgaria from 15 October 2014

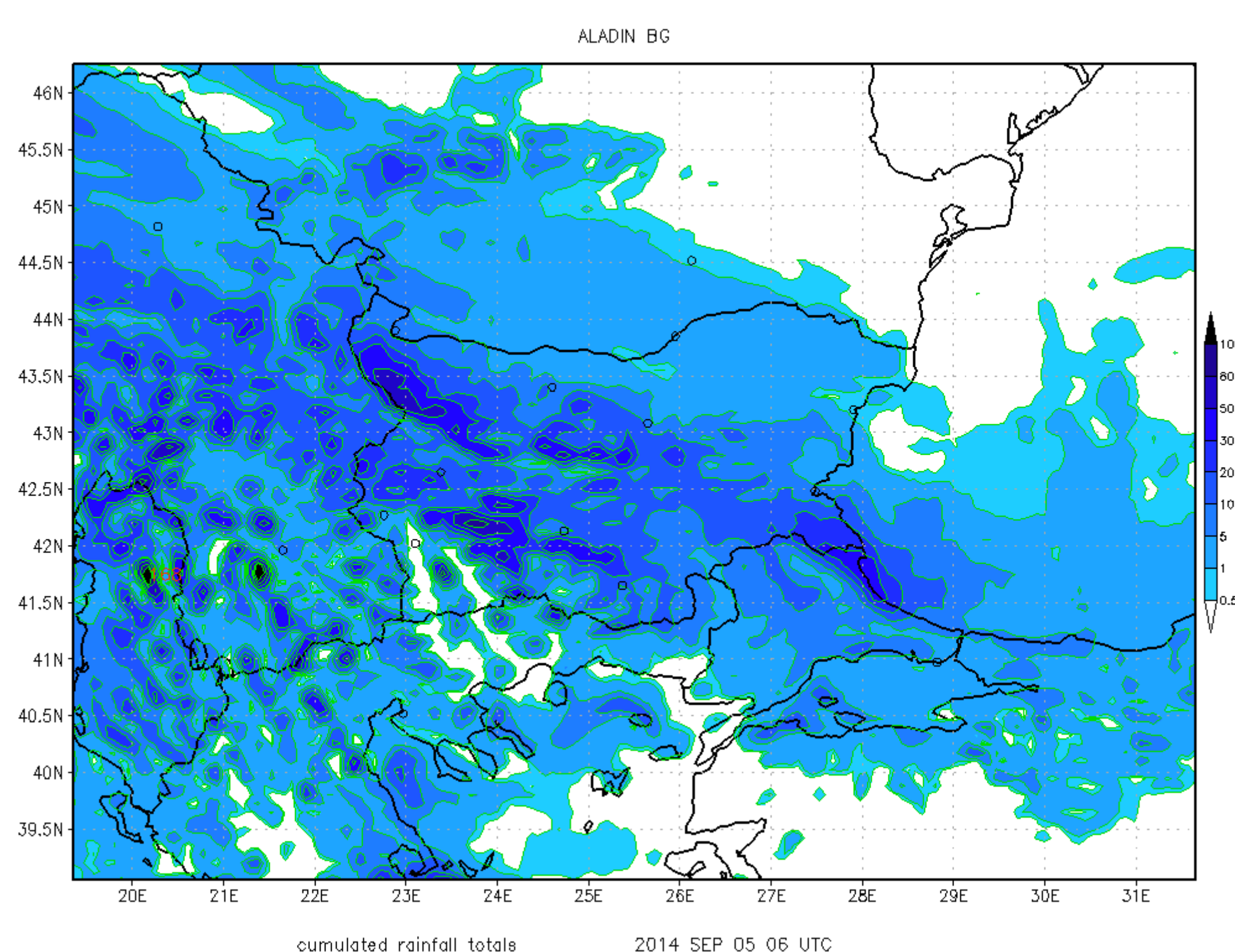
Below are presented some figures for a recent flood in Western Bulgaria:



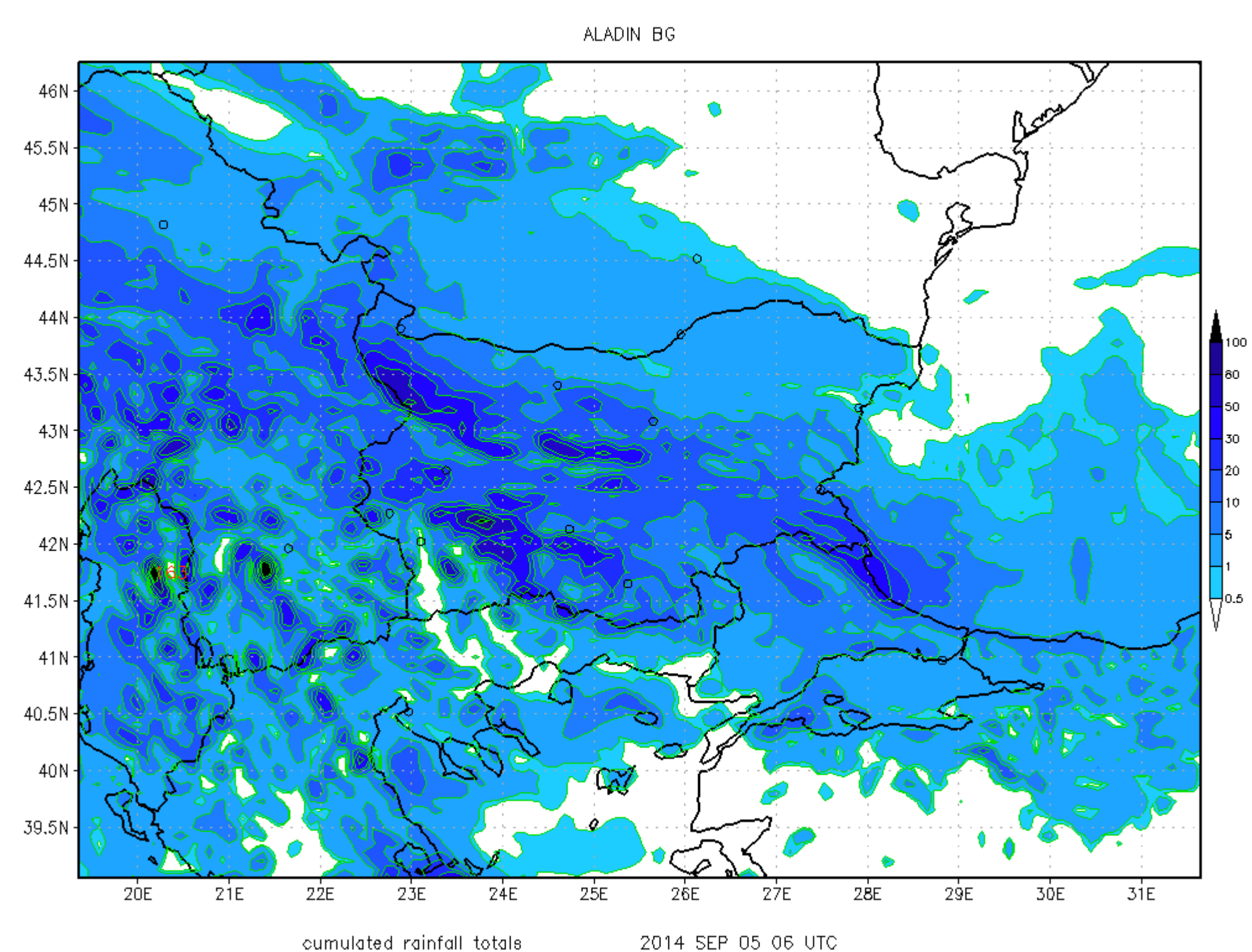
Pictures of the flood in Berkovitsa, after the precipitation on 04.09.2014, source Internet



Analysis of the 24 hours precipitation on 04.09.2014 using ALADIN, source www.weather.bg (I.Gospodinov)



Forecast for the 24 hours total cumulated rainfall on 04.09.2014 obtained by the operational cy37t1



Forecast for the 24 hours total cumulated rainfall on 04.09.2014 obtained with cy38t1