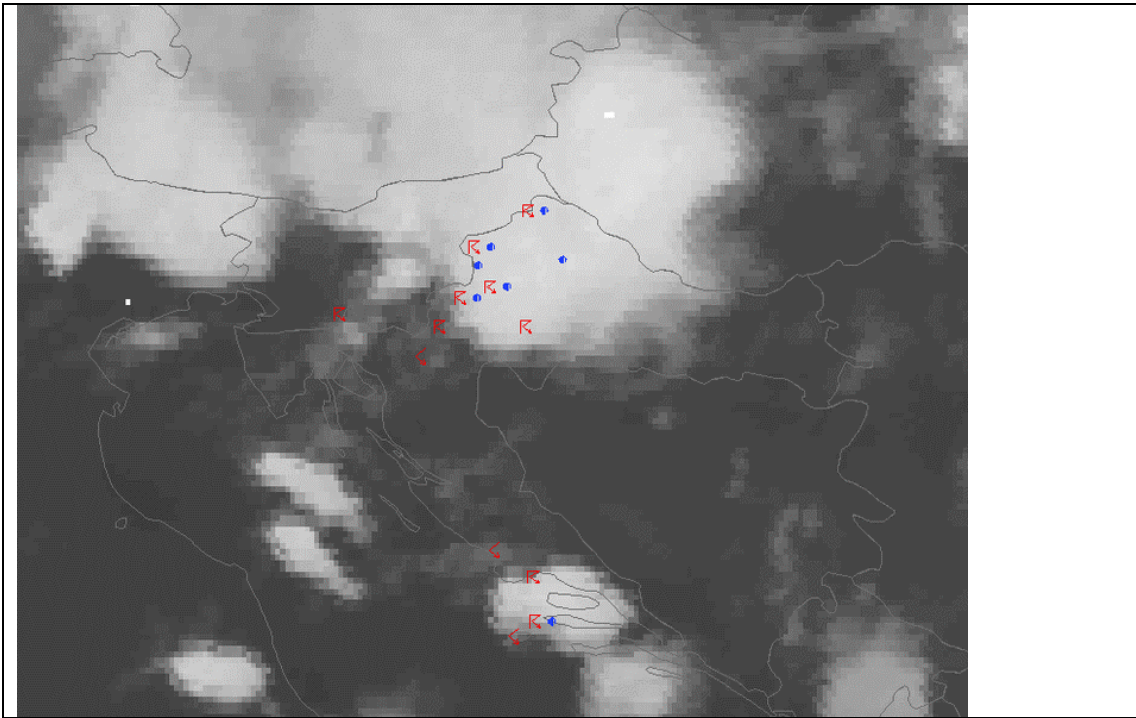


28 July 2003

Prefrontal thunderstorm with heavy precipitation and hail in Zagreb.

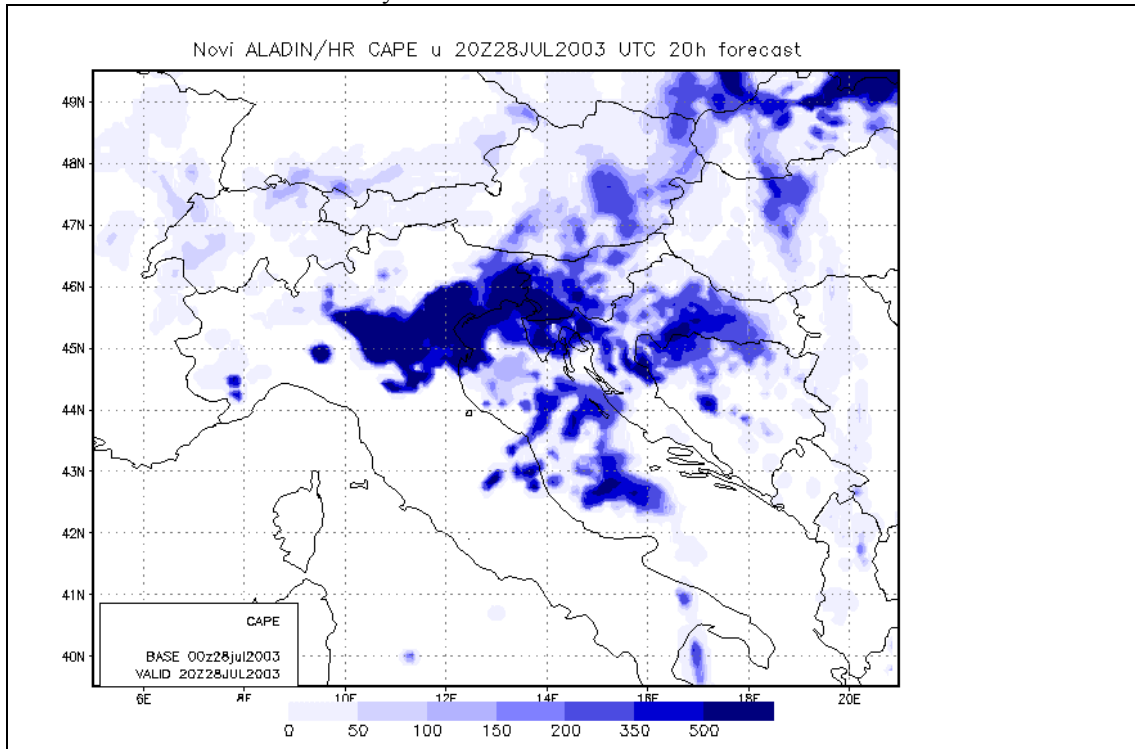
Superposition of IR satellite image and surface observations (rain, hail, lightning) for 28th of July 2003 20:30 UTC.



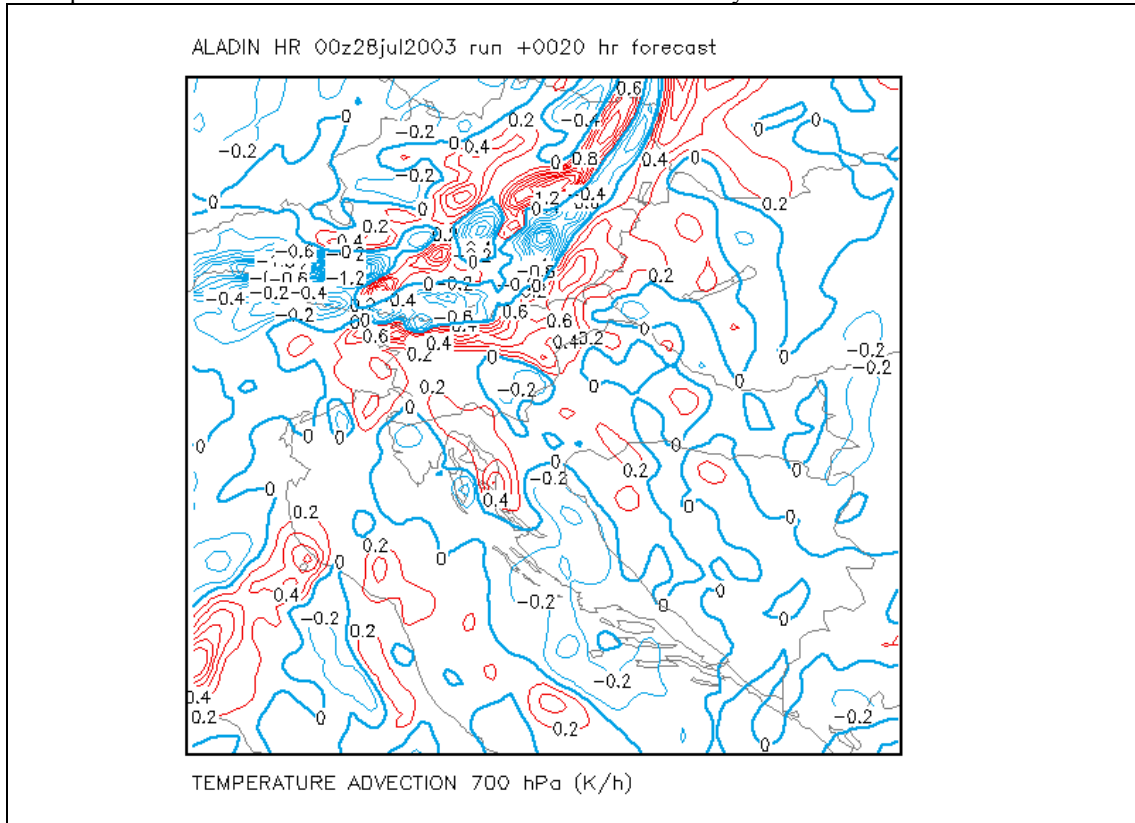
ALADIN/HR forecast for 04th of July 2003:

Model version: AL25T1_op2.

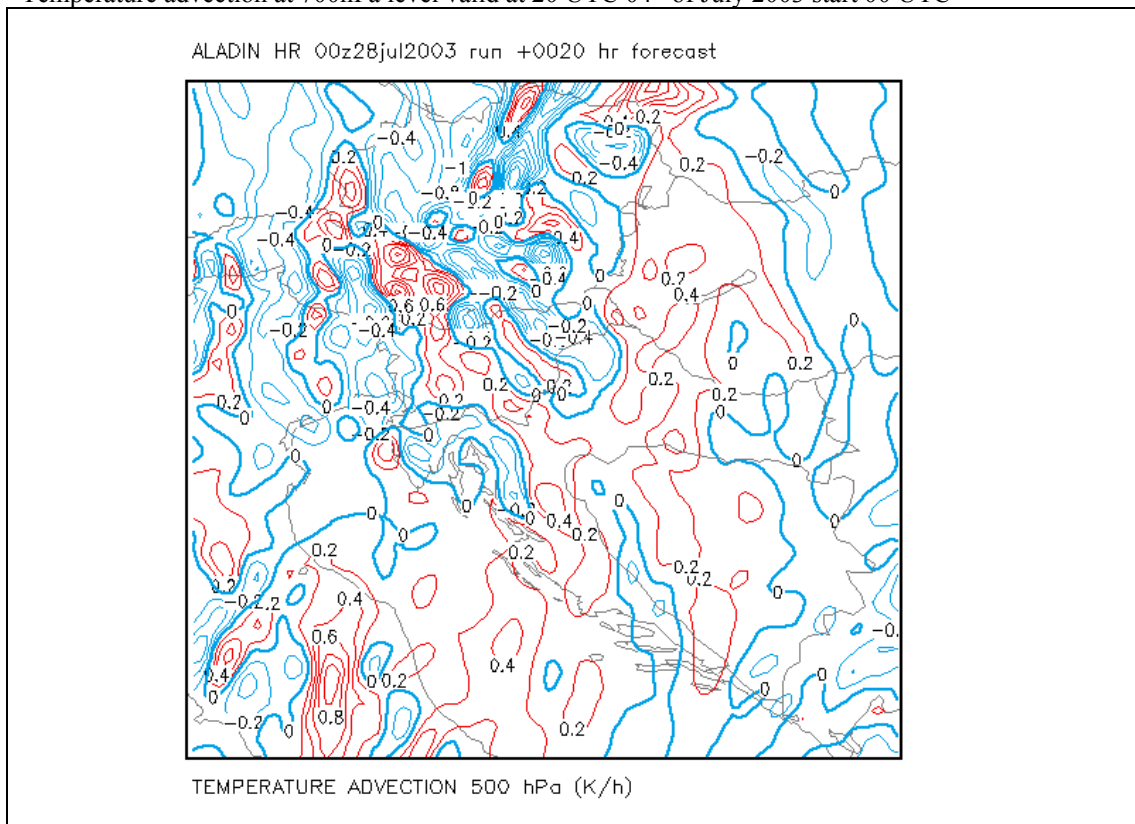
CAPE valid at 20 UTC 04th of July 2003 start 00 UTC



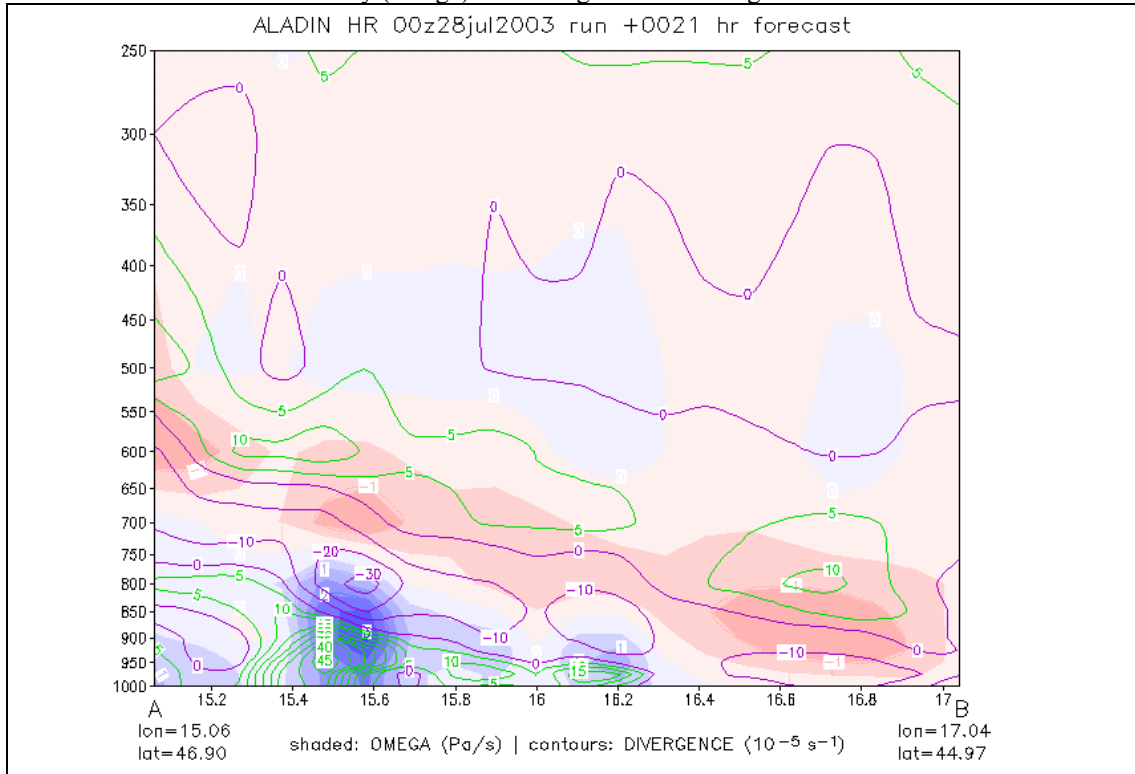
Temperature advection at 700hPa level valid at 20 UTC 04th of July 2003 start 00 UTC



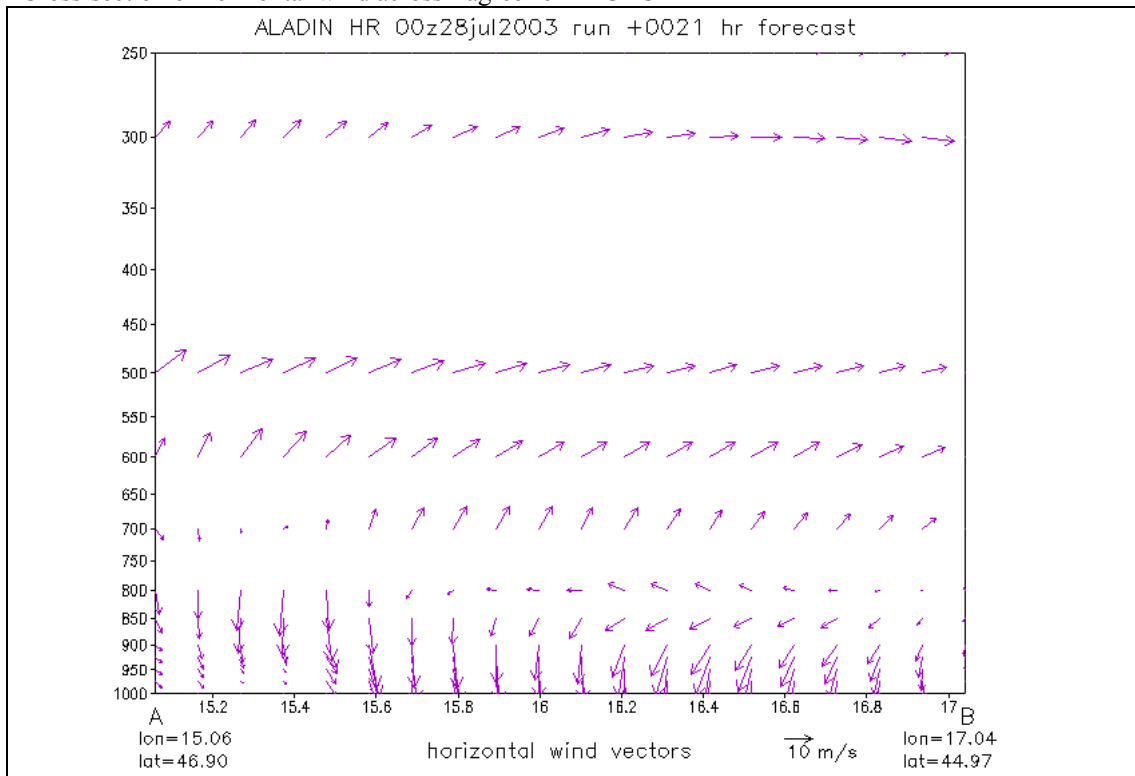
Temperature advection at 700hPa level valid at 20 UTC 04th of July 2003 start 00 UTC



Cross-section of vertical velocity (omega) and divergence across Zagreb for 21 UTC



Cross-section of horizontal wind across Zagreb for 21 UTC



ALADIN forecasted front (processes), but not the convective cell itself.