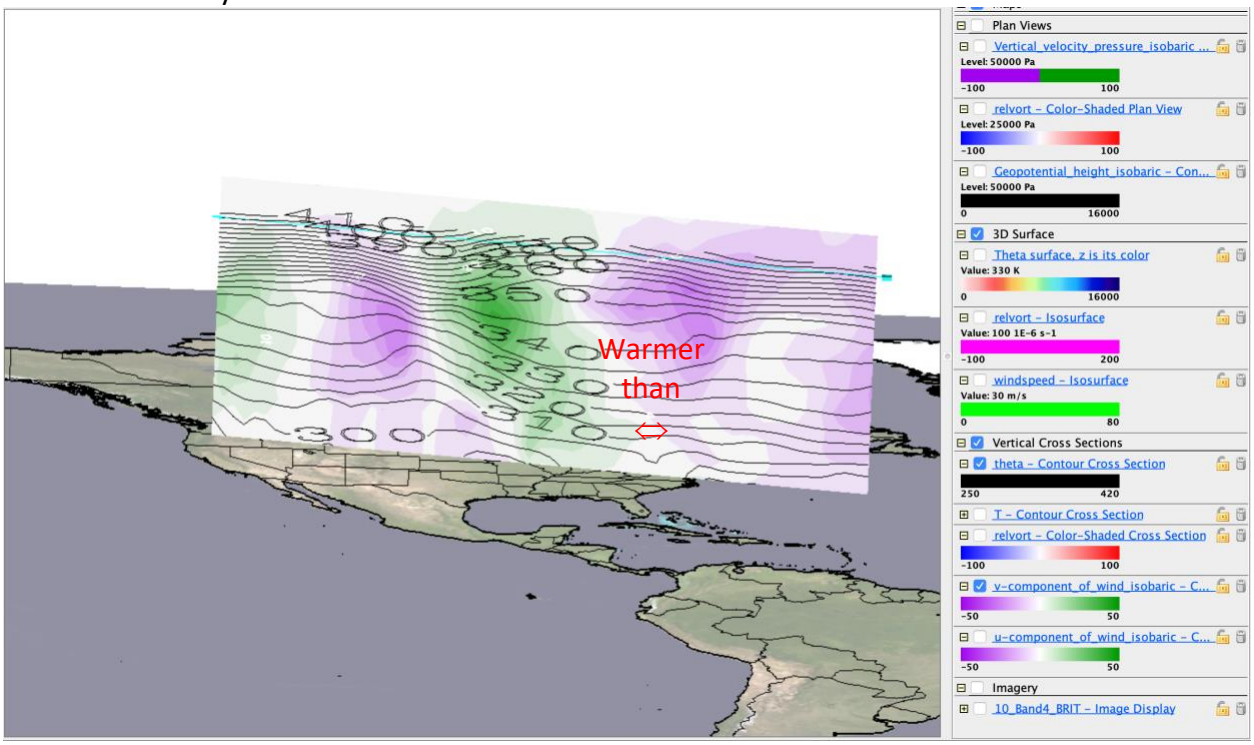
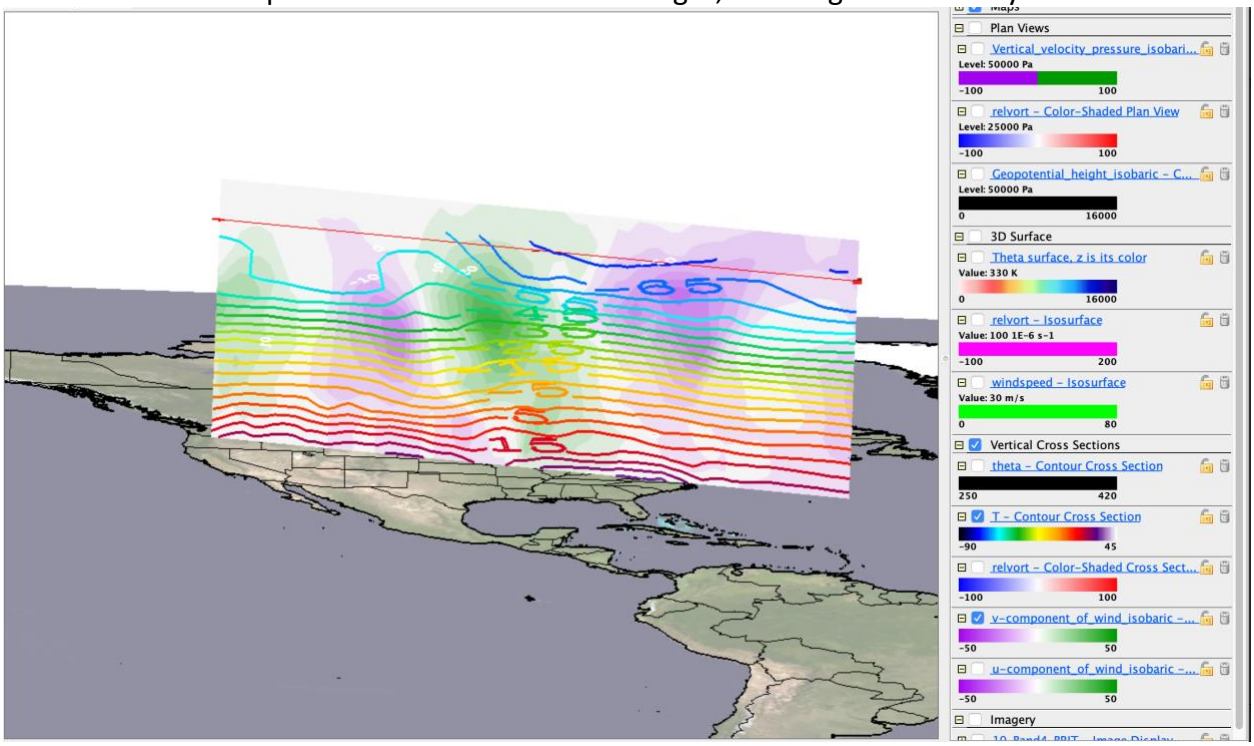
IDV Activity
Raymond Leibensperger III

Warm core anticyclone



Cell has warm air depression with -v winds on the right, meaning it is an anticyclone



T-contours show extra warm air along the surface below the gap between green and purple.

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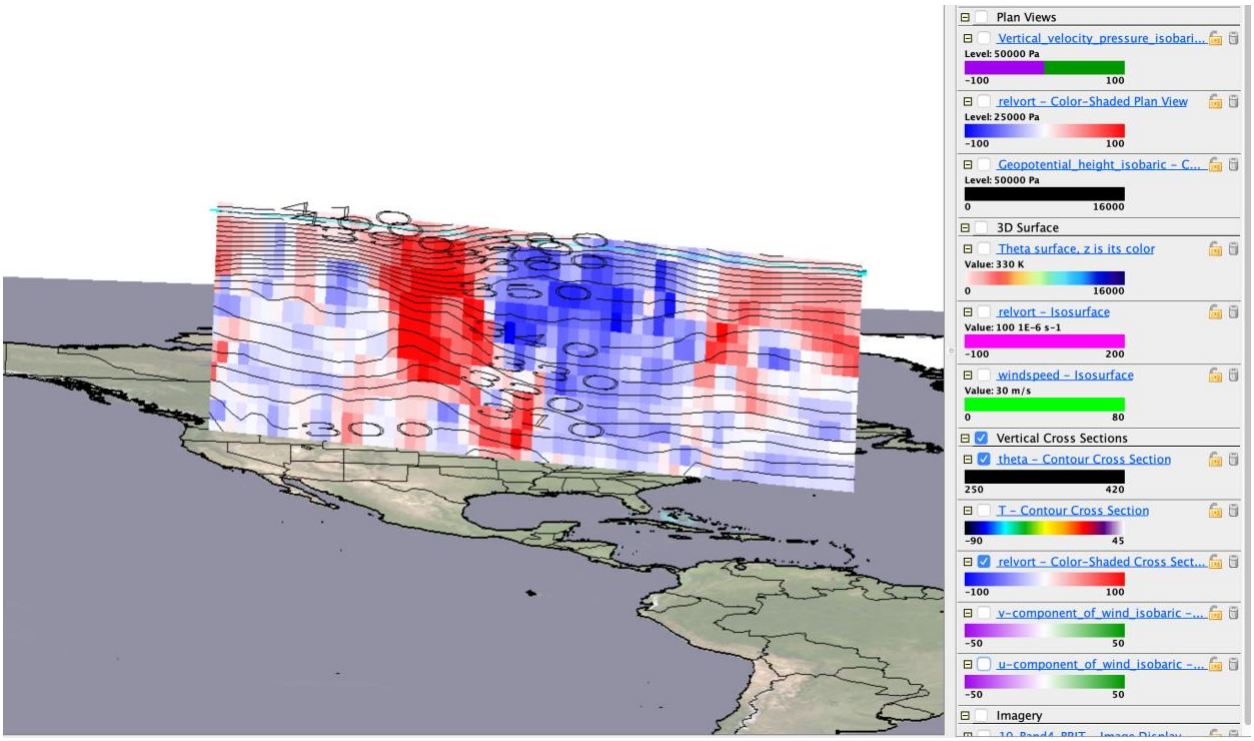

Depressed θ-contours below the blue anticyclonic mass.

IDV Activity
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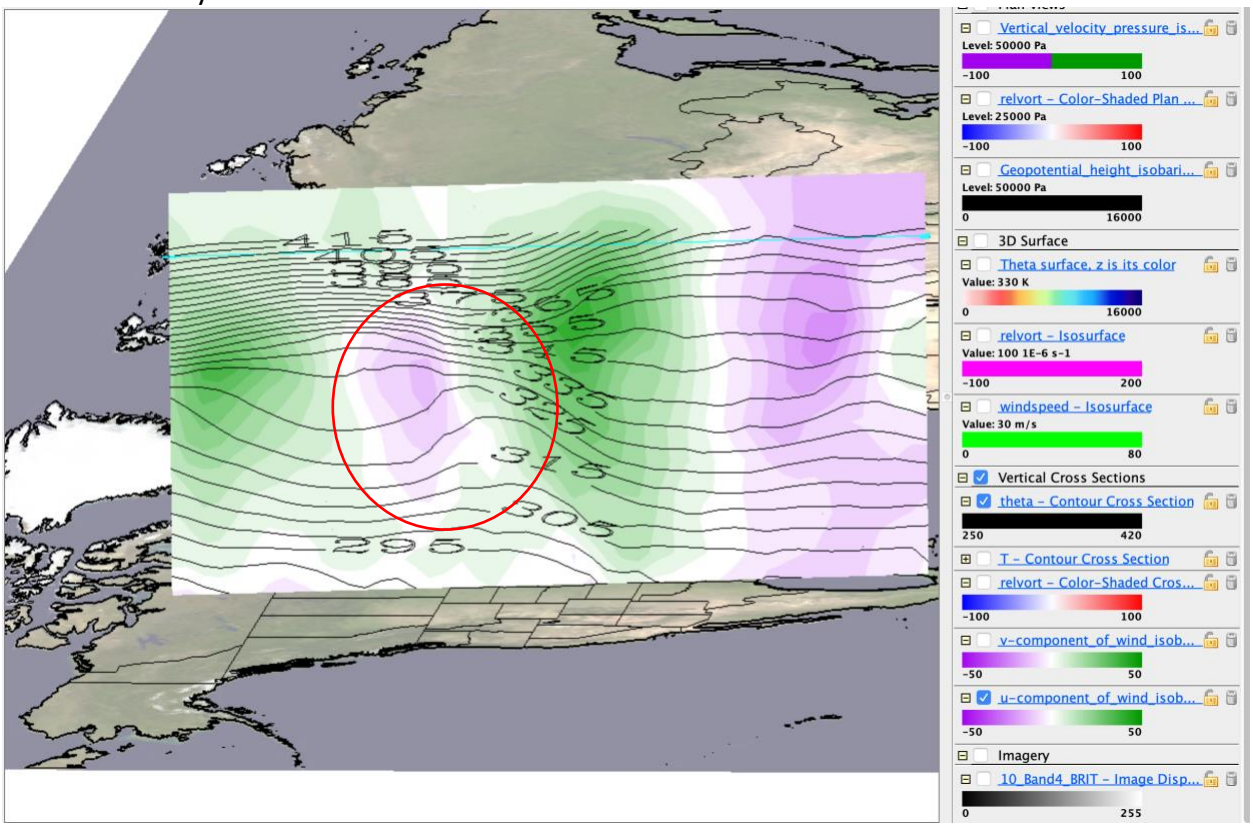
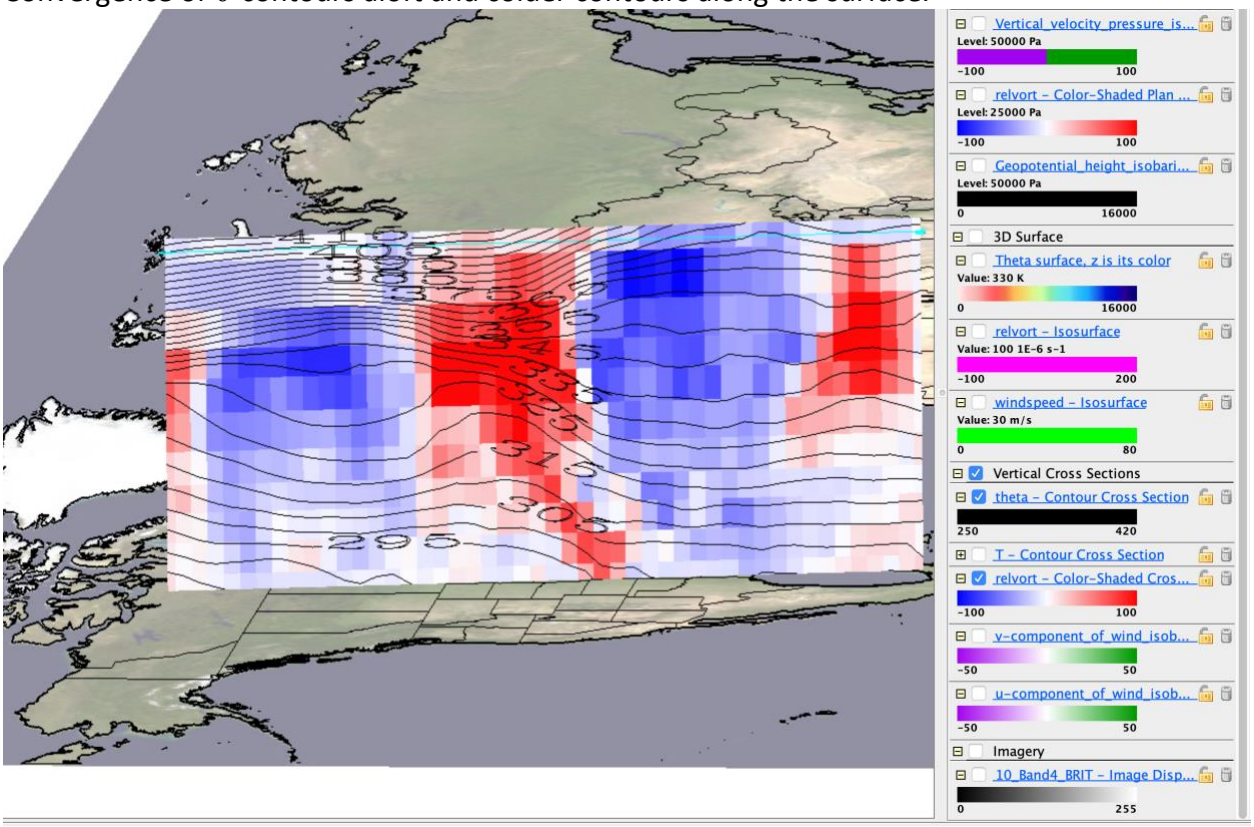
Cool core anticyclone

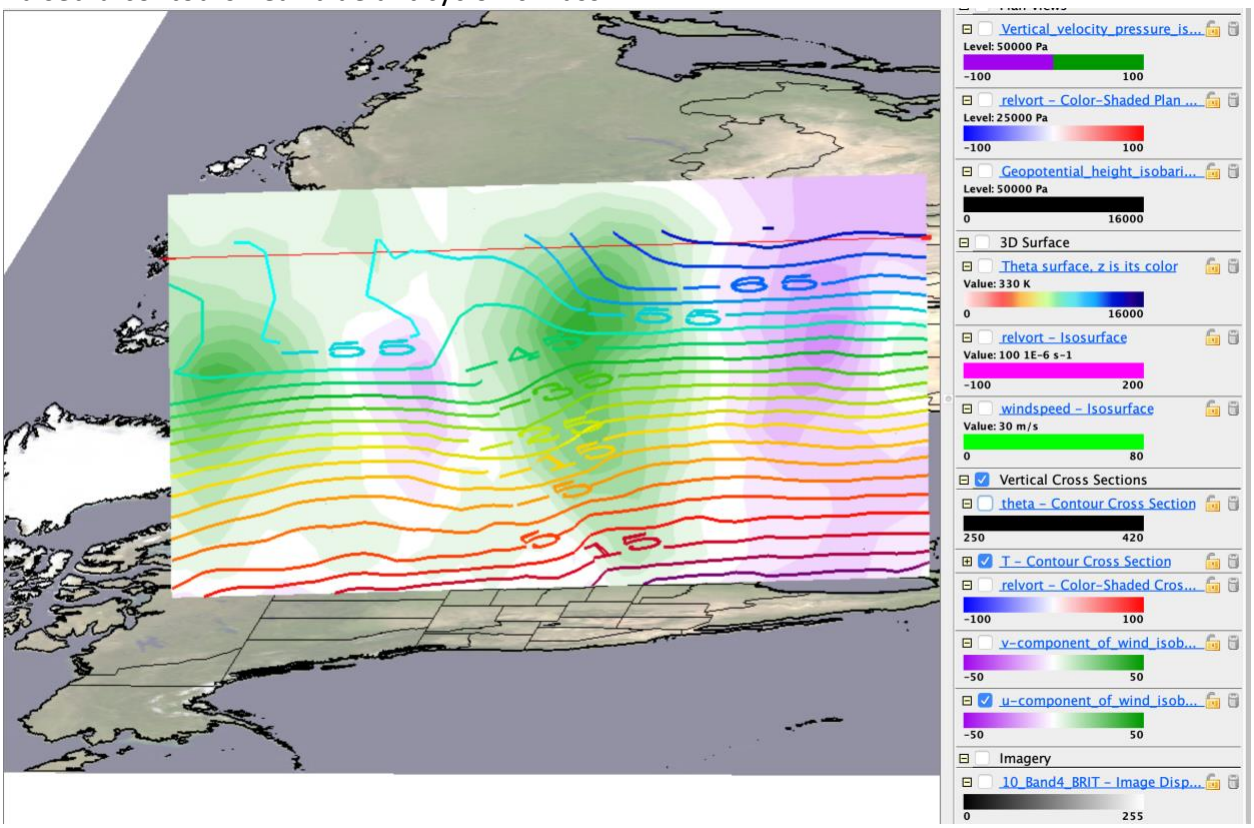


Convergence of θ-contours aloft and colder contours along the surface.



IDV Activity
Raymond Leibensperger III

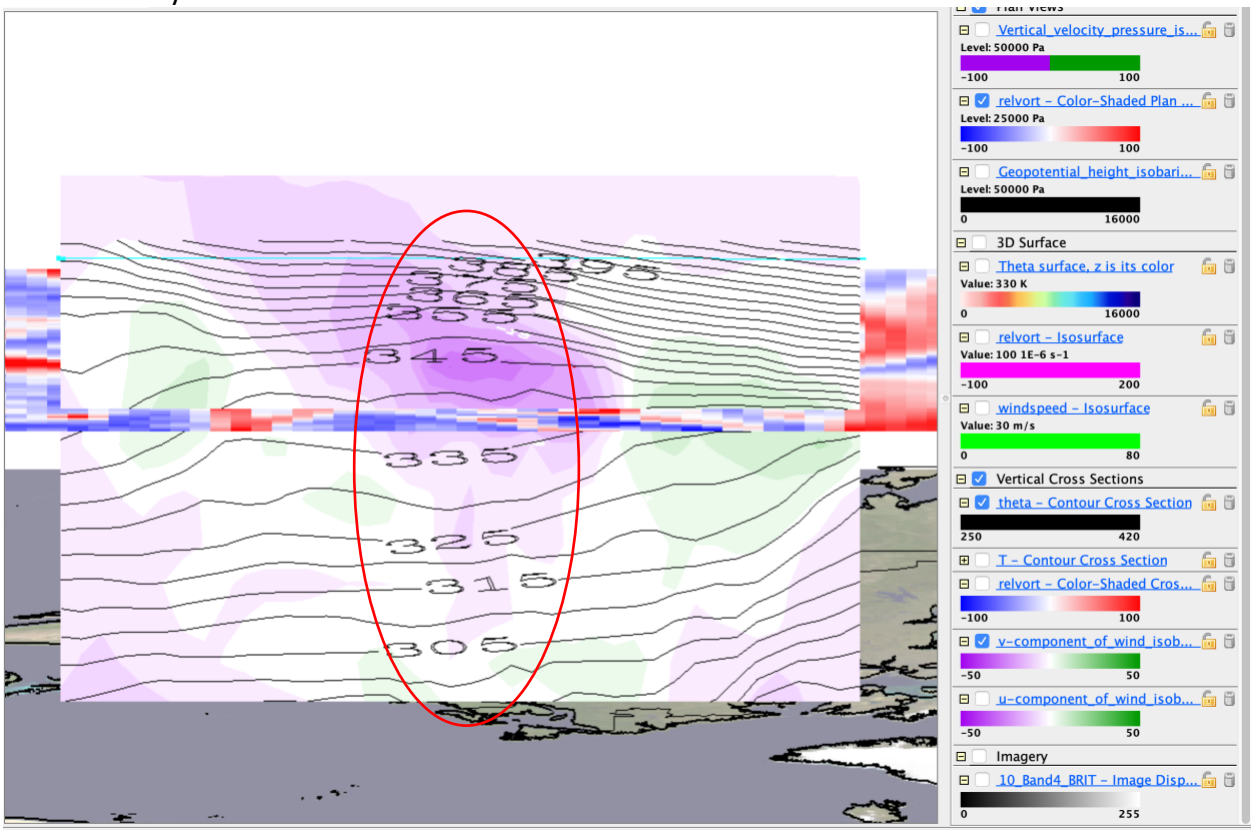
Raised θ-contours near blue anticyclonic mass.



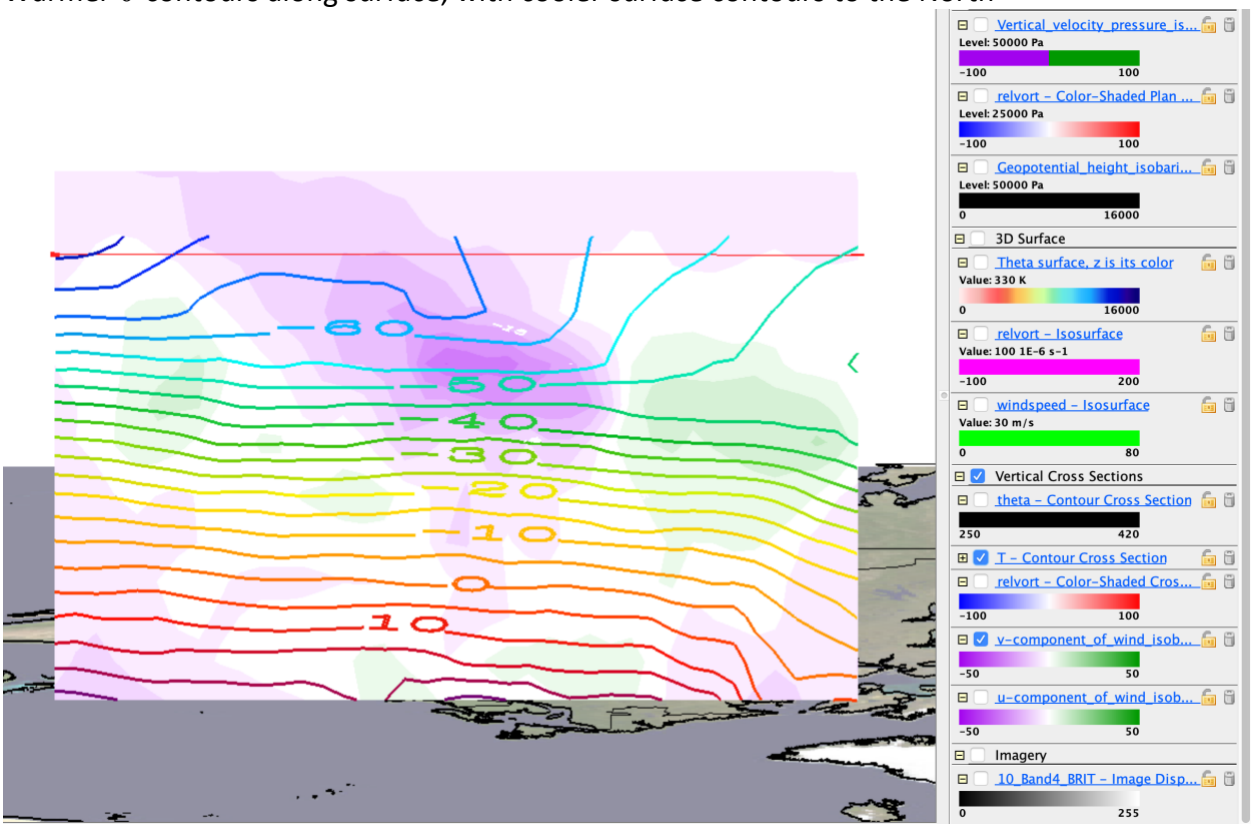
Depressed Temp-contours with warmer surface temperatures to the South

IDV Activity
Raymond Leibensperger III

Warm core cyclone

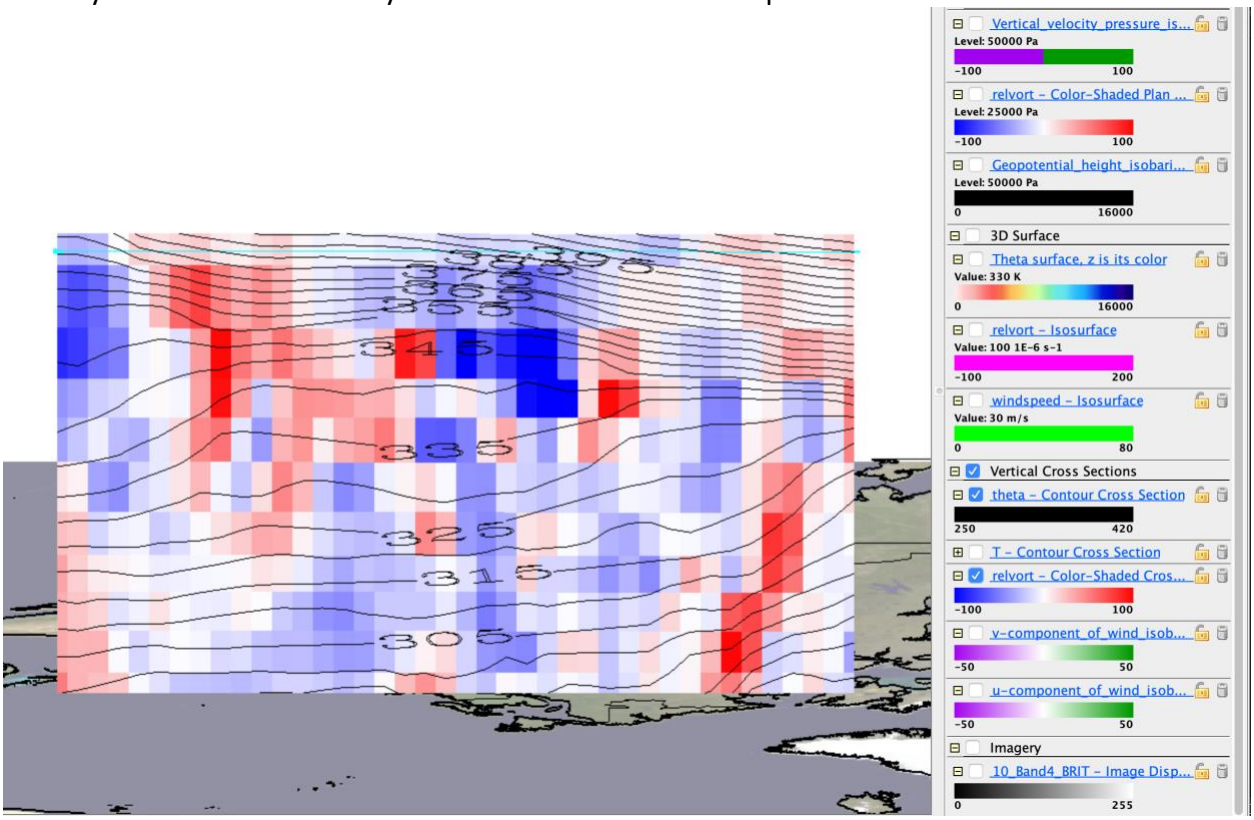


Warmer θ-contours along surface, with cooler surface contours to the North



IDV Activity
Raymond Leibensperger III

Directly under -v wind velocity mass increased surface temperatures→ warm core



Same patch from increased warming is red which shows cyclonic activity.