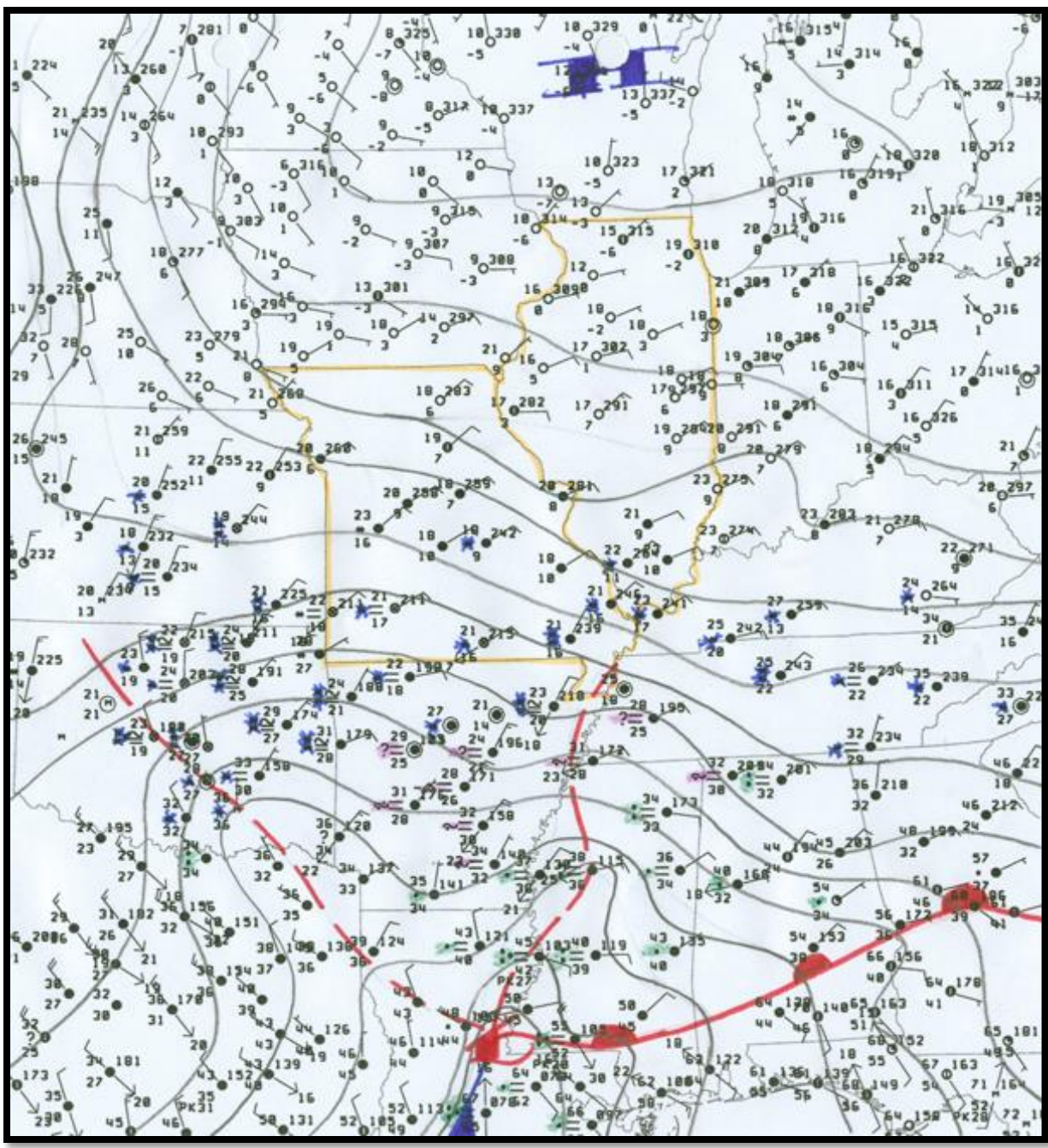


Winter Storm Event

January 29th-31st, 2010

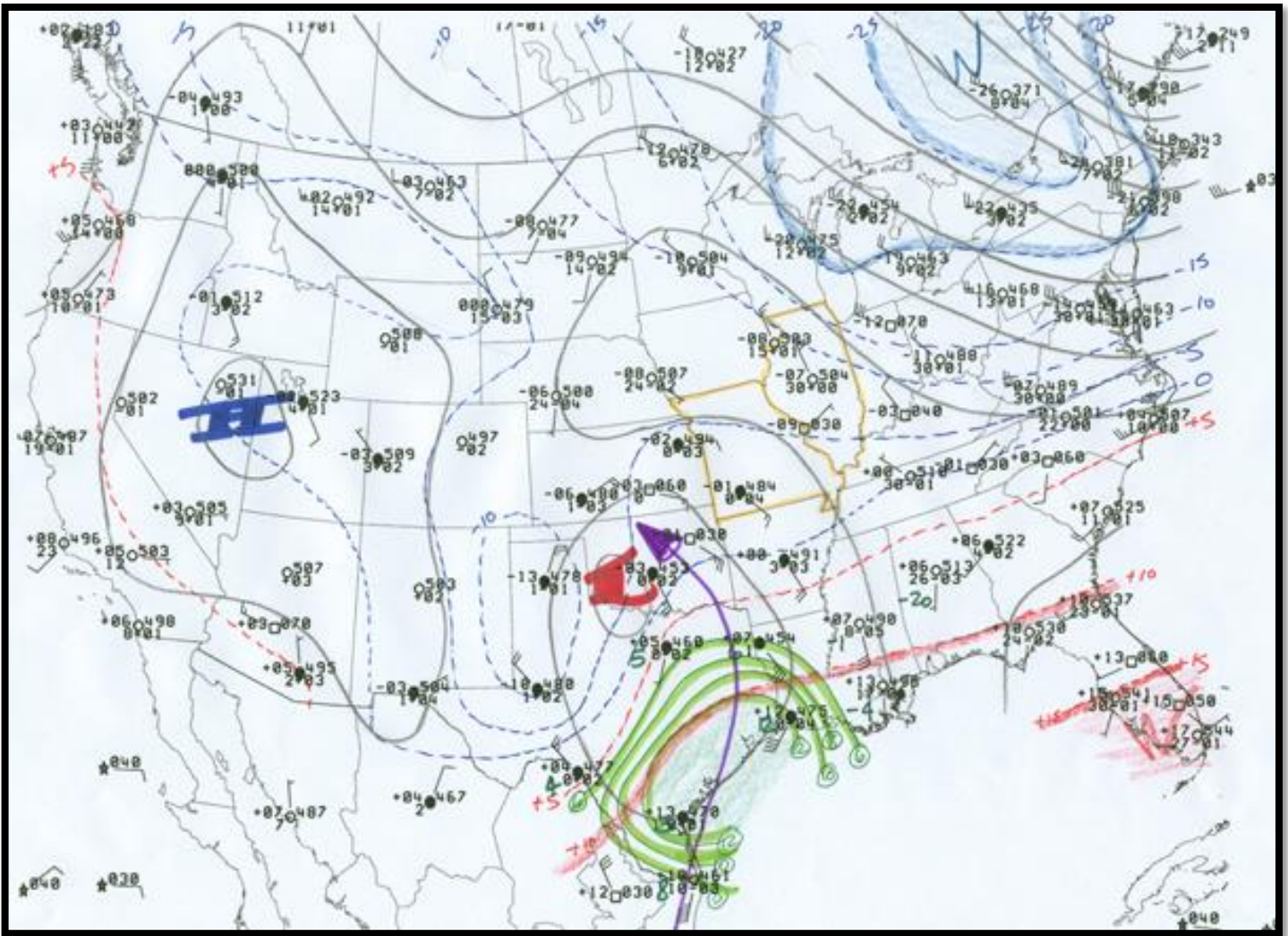
Overview

A winter storm brought 6-7 inches of snow to portions of southeast Missouri and southern Illinois Friday January 29th through Saturday morning the 30th of January.



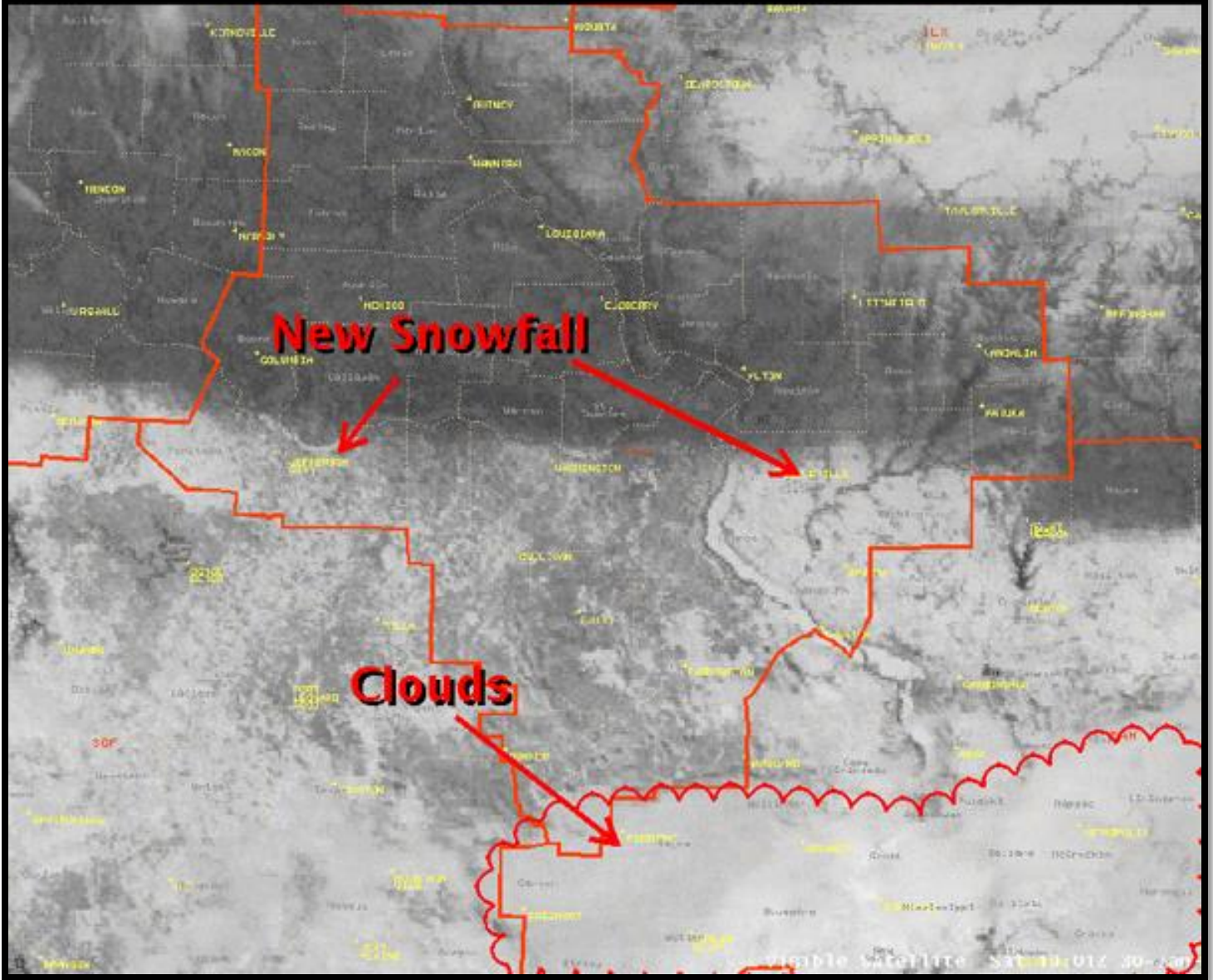
Surface map at 2 p.m. on Friday January 29th. The surface low is centered in east-central Louisiana with several surface troughs extending north and northeast. Precipitation, in the form of snow, is limited to southern Missouri as strong high pressure across Wisconsin continues to advect dry, cold air into the region. (Analysis by Fred Glass)

Surface Analysis



850mb Analysis at 6 a.m. Friday January 29th. The low level jet was focused across Oklahoma where deep moisture was being transported. Very dry and cold air was in place across eastern Missouri and Illinois, which ultimately limited the northern extent of the snowfall. (Analysis by Fred Glass)

Visible Satellite Image Showing Snow Cover at 1:00 PM 30 January



Any questions regarding this event review should be address to w-lsx.webmaster@noaa.gov