FLIGHT DAY FORECAST

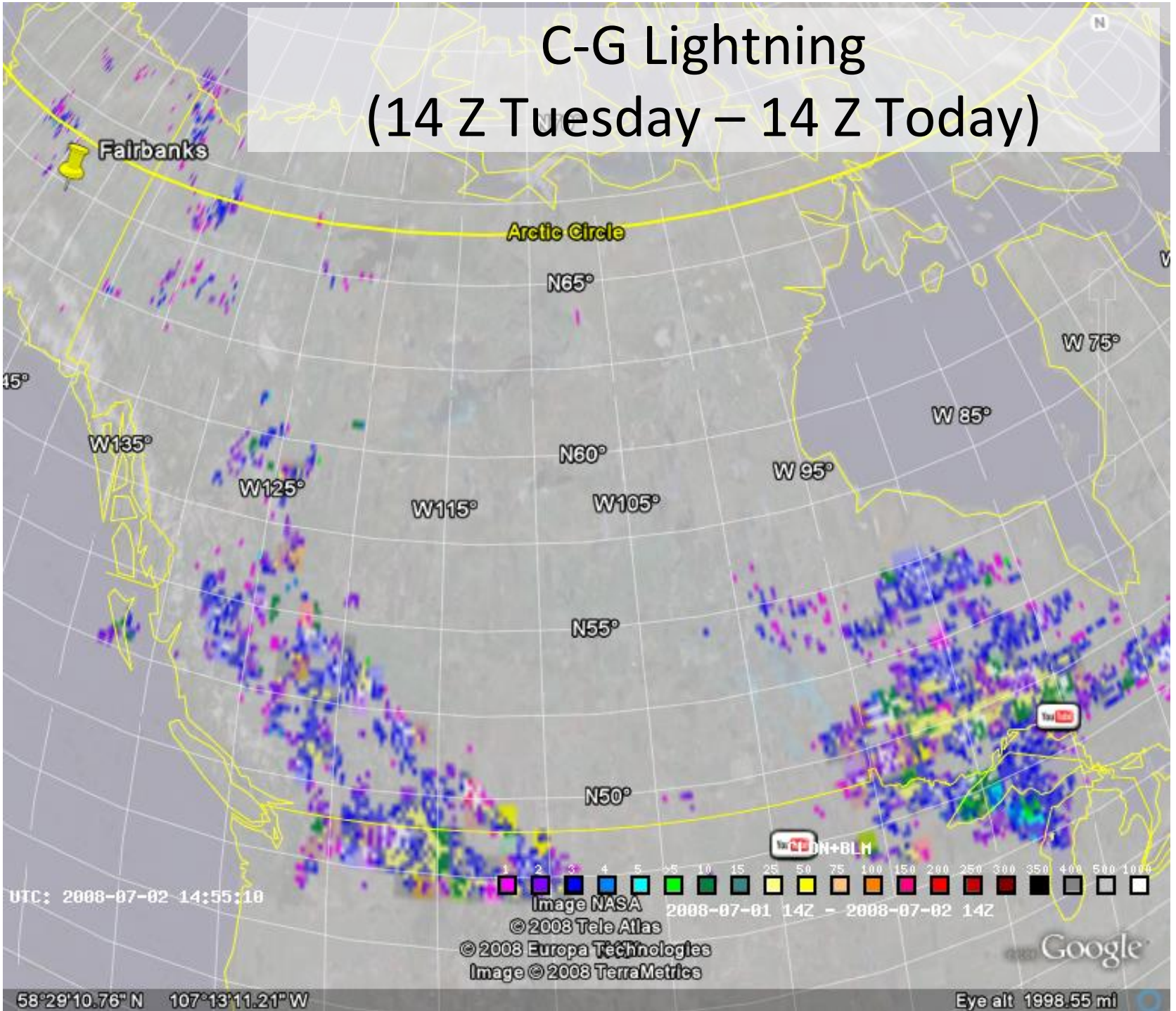
July 3 - July 6

Henry Fuelberg
Walter Sessions

"Your eyes to the skies"
And "No Surprise Weather Service"

FSU Meteorology

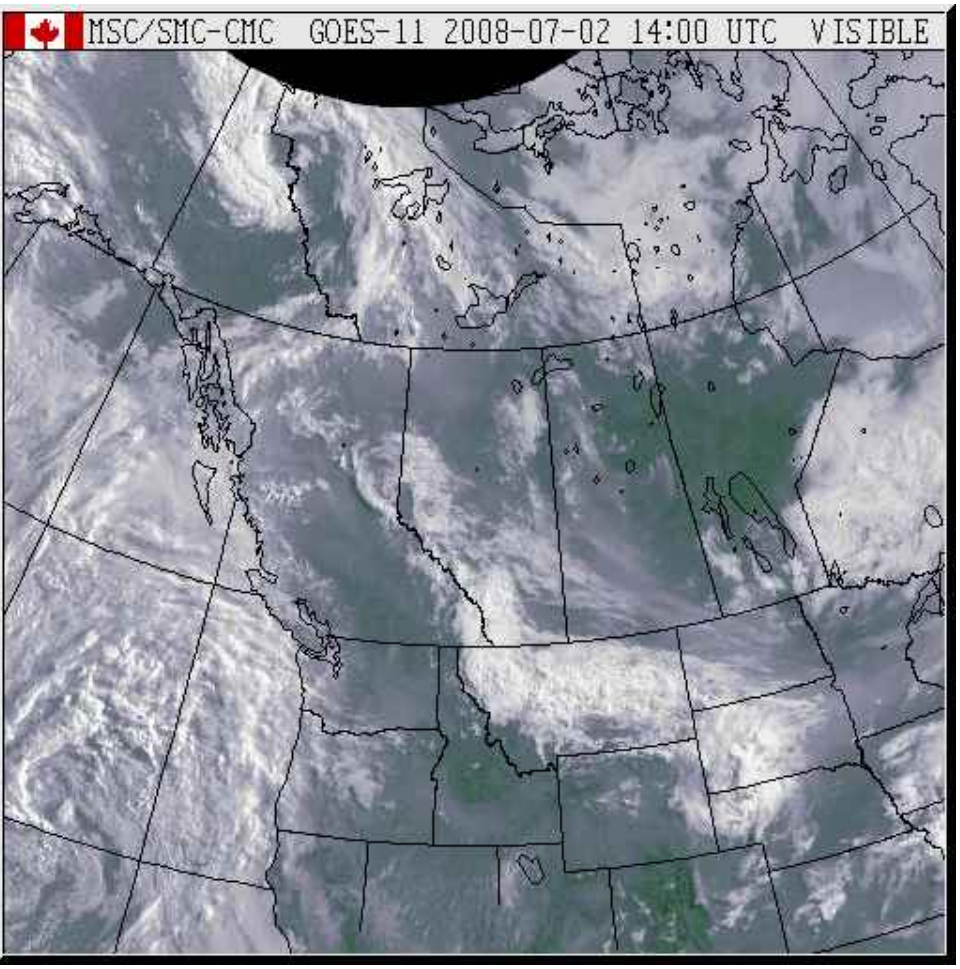
C-G Lightning
(14 Z Tuesday – 14 Z Today)



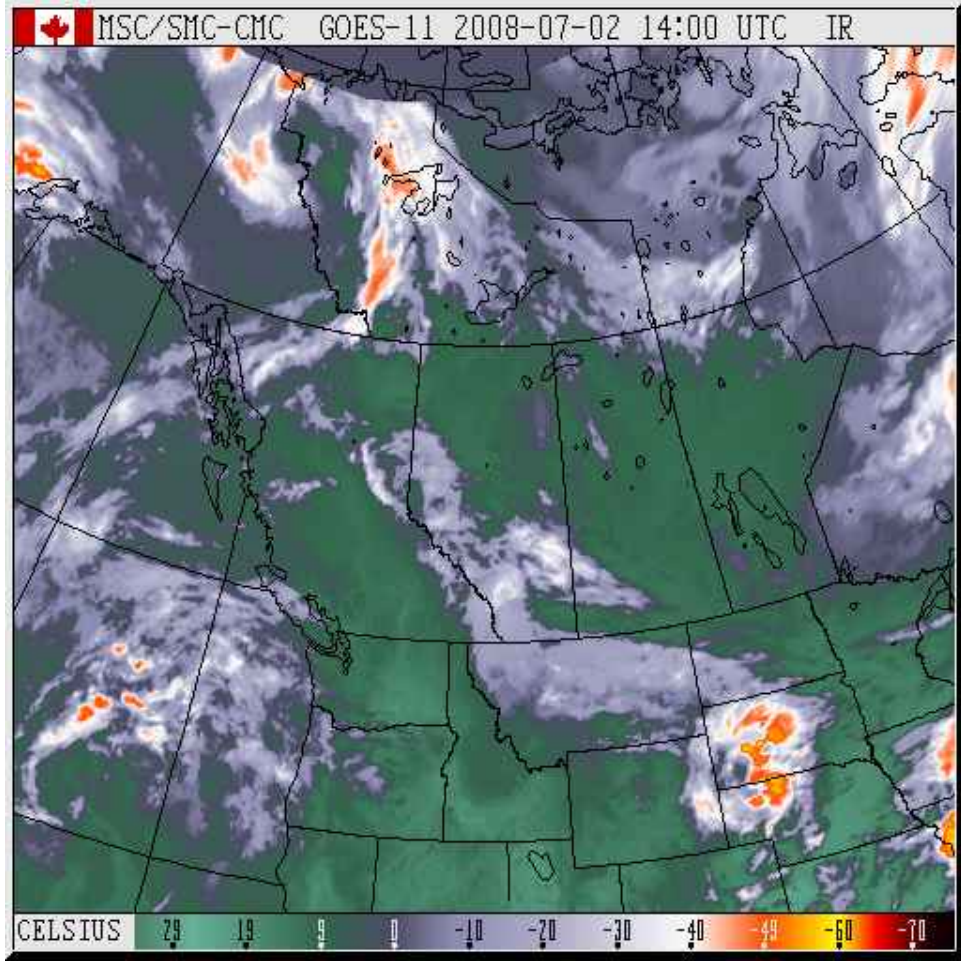
Current Weather

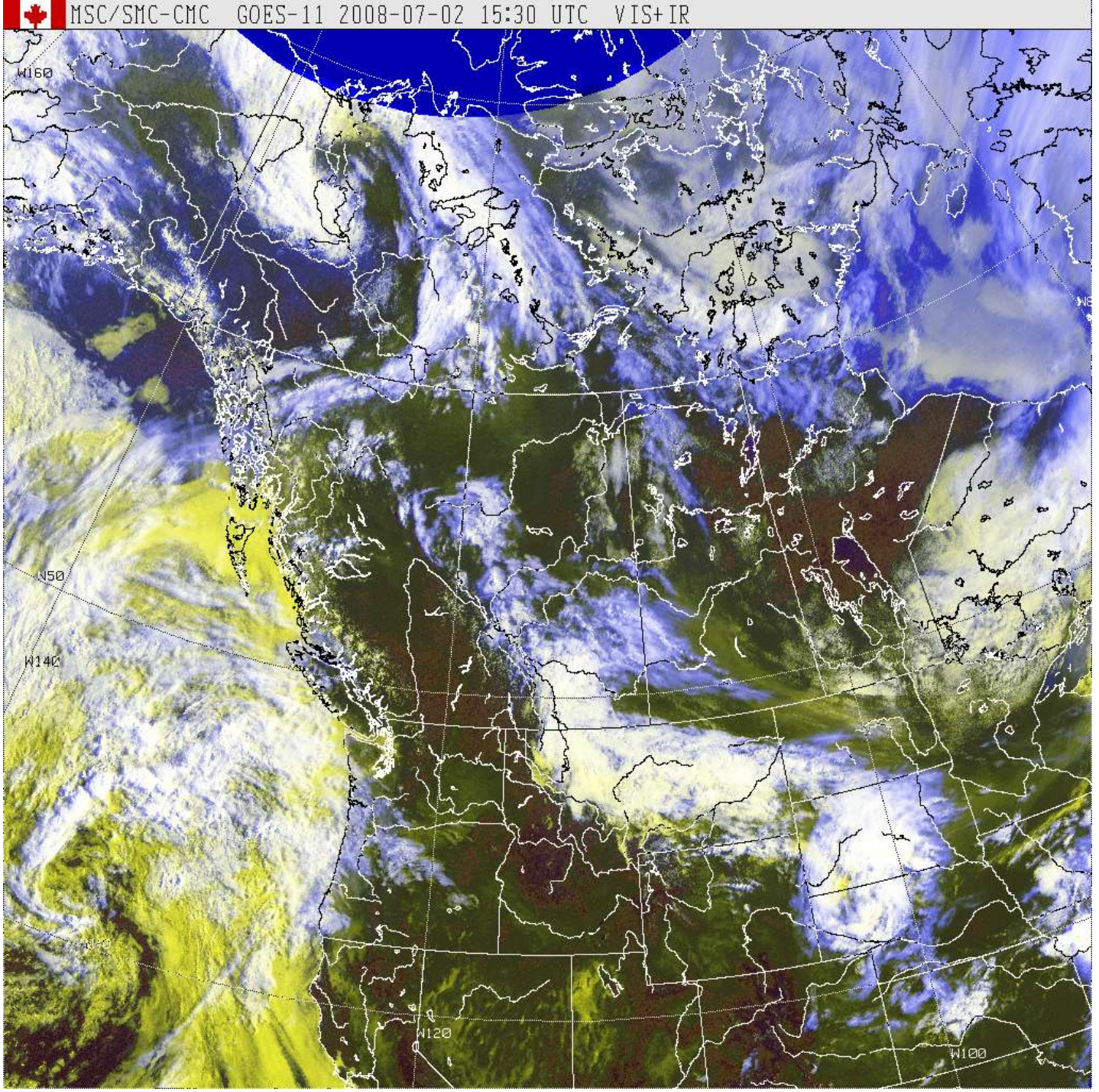
Satellite Imagery

Visible

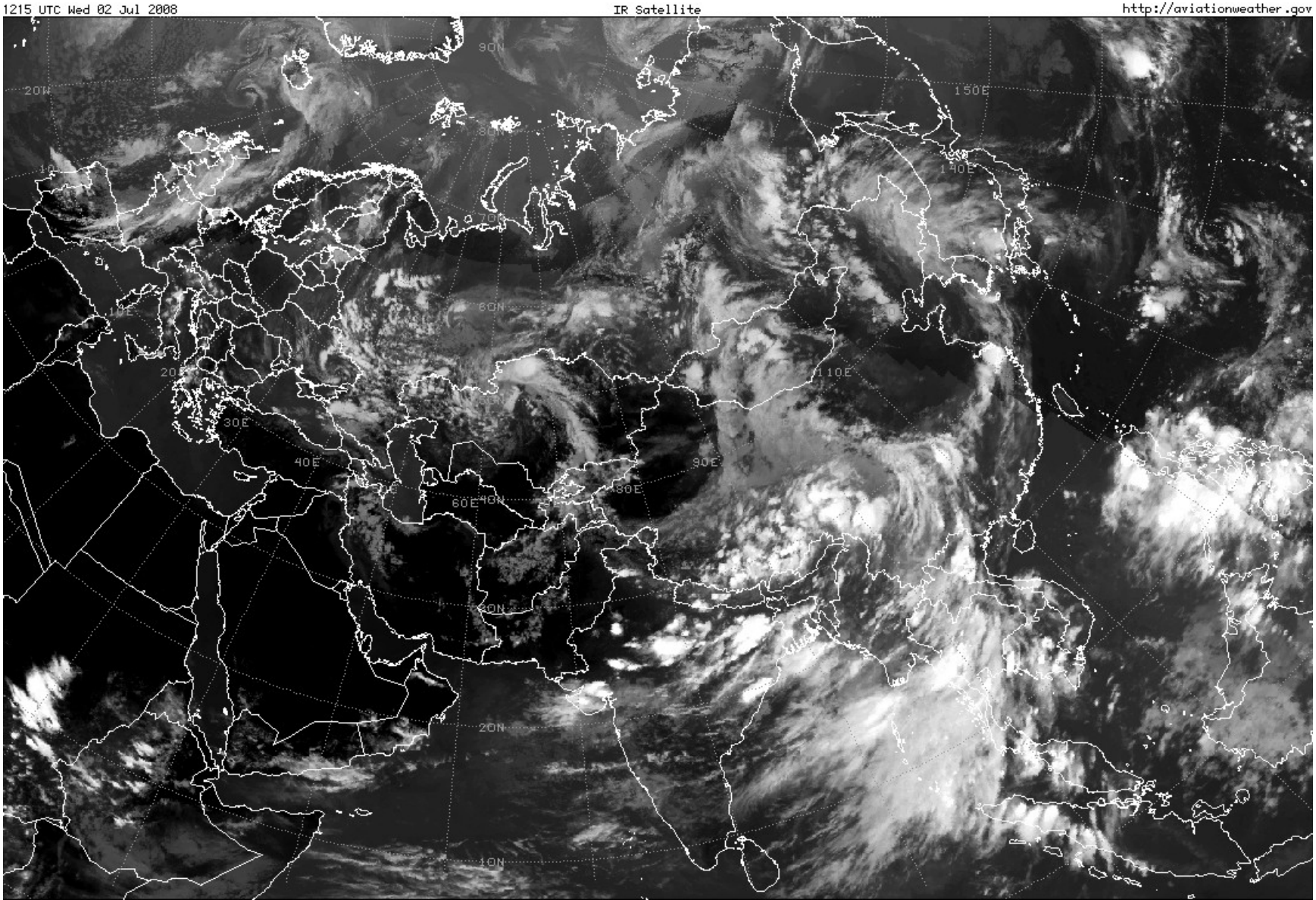


Infrared



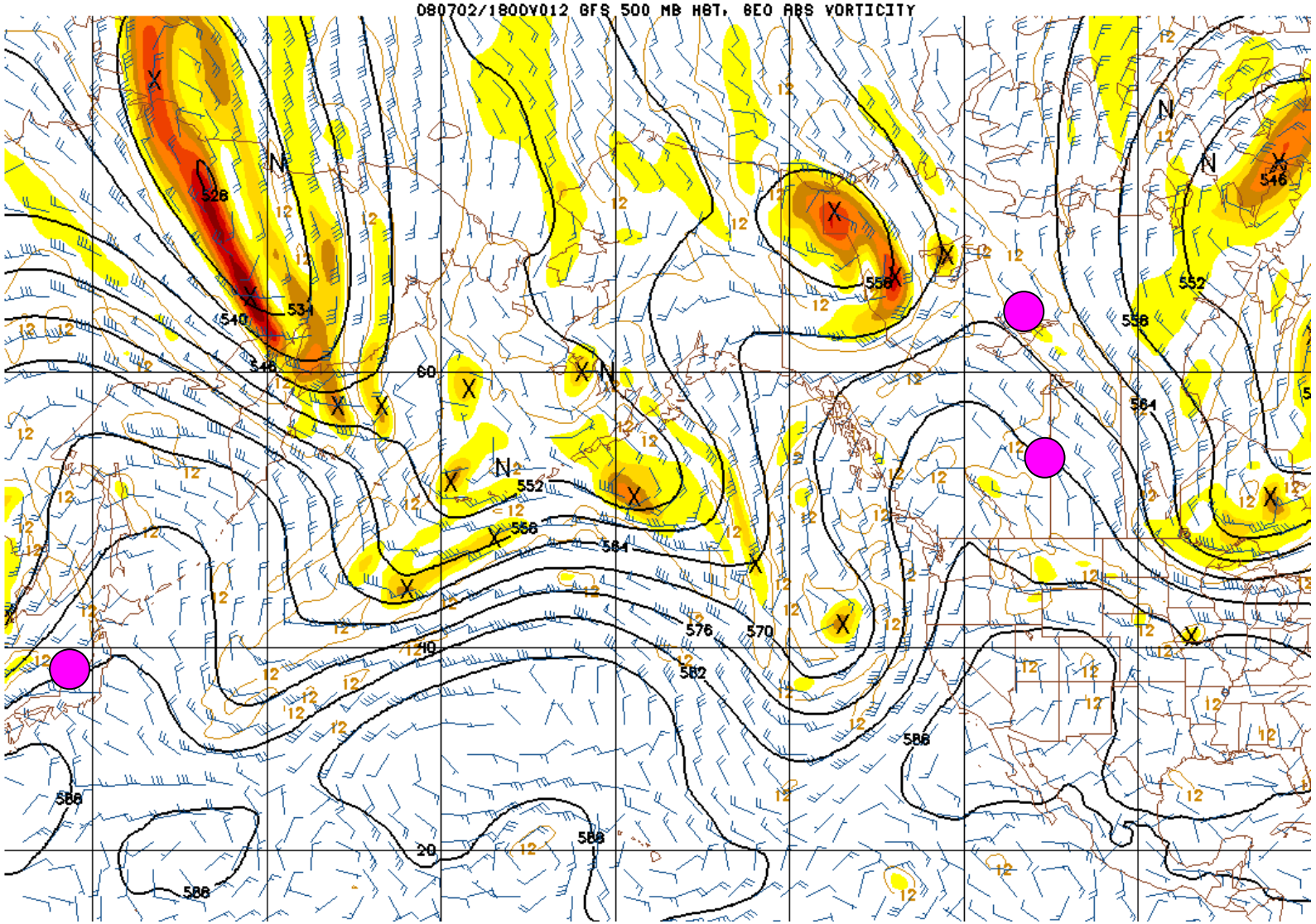

MSC/SMC-CMC GOES-11 2008-07-02 15:30 UTC VIS+IR
W160
N60
N50
W140
W120
W100

Asian IR Satellite – 12 Z Today

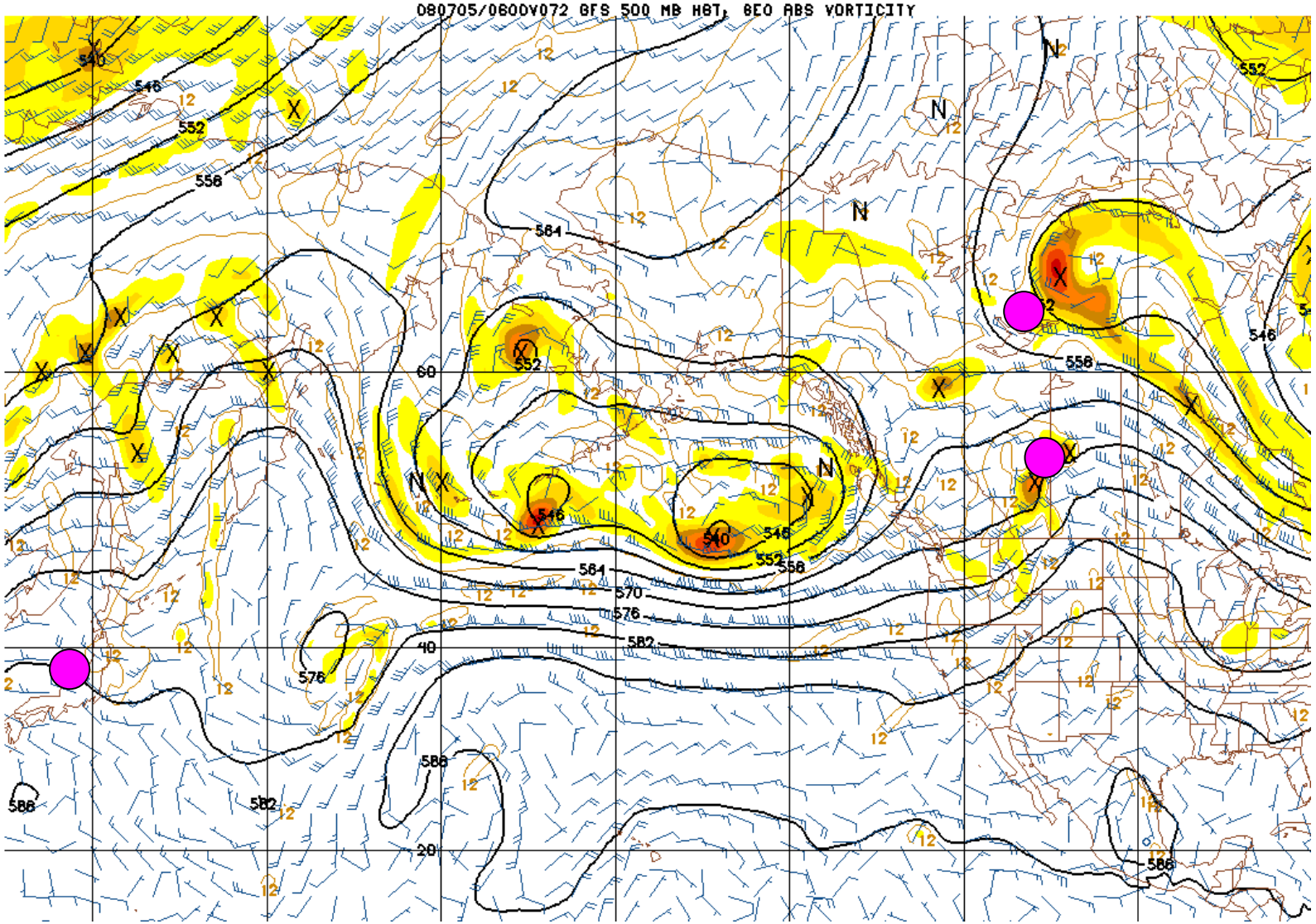


Hemispheric Flow

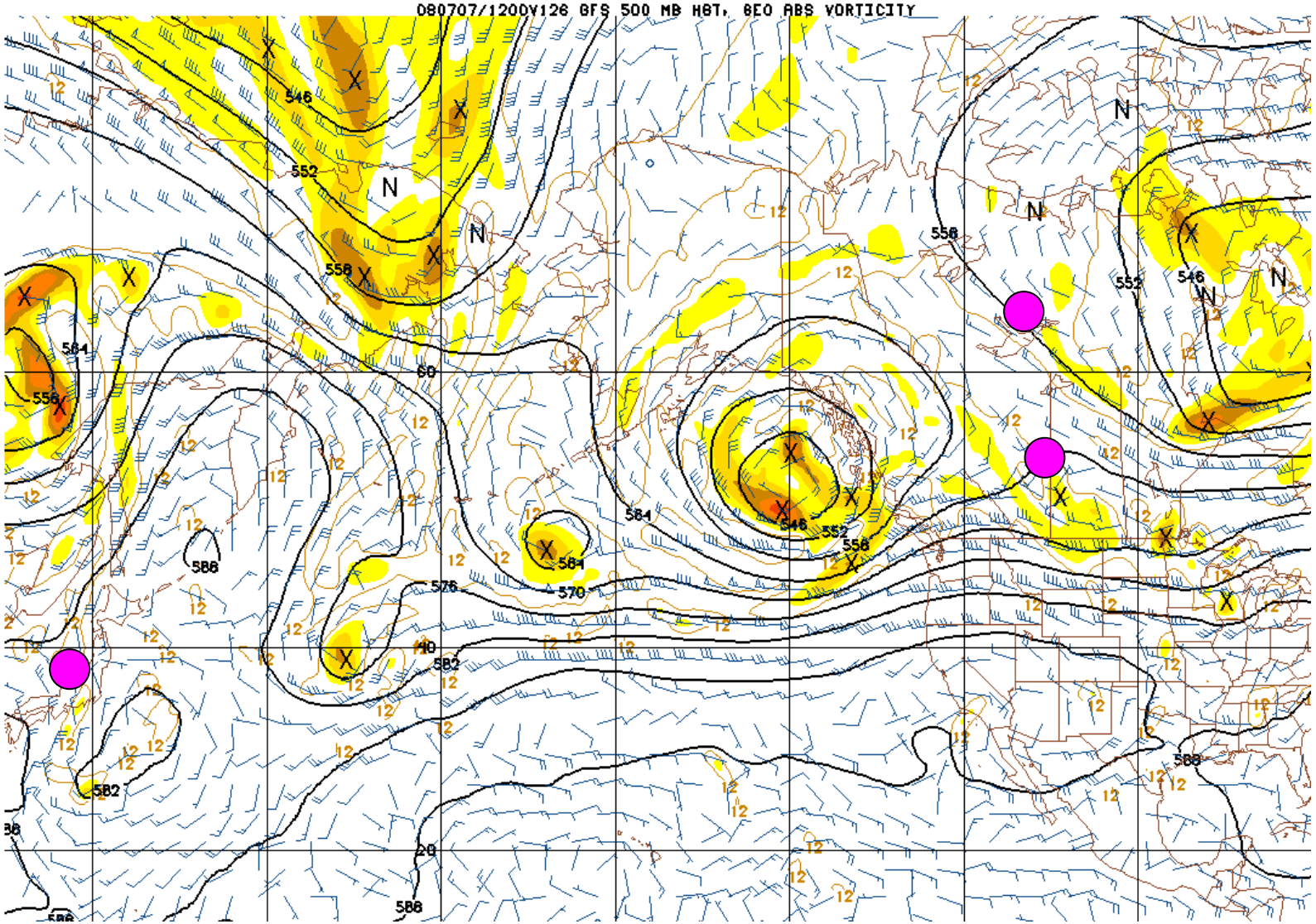
500 mb July 2 (12 h Prog)



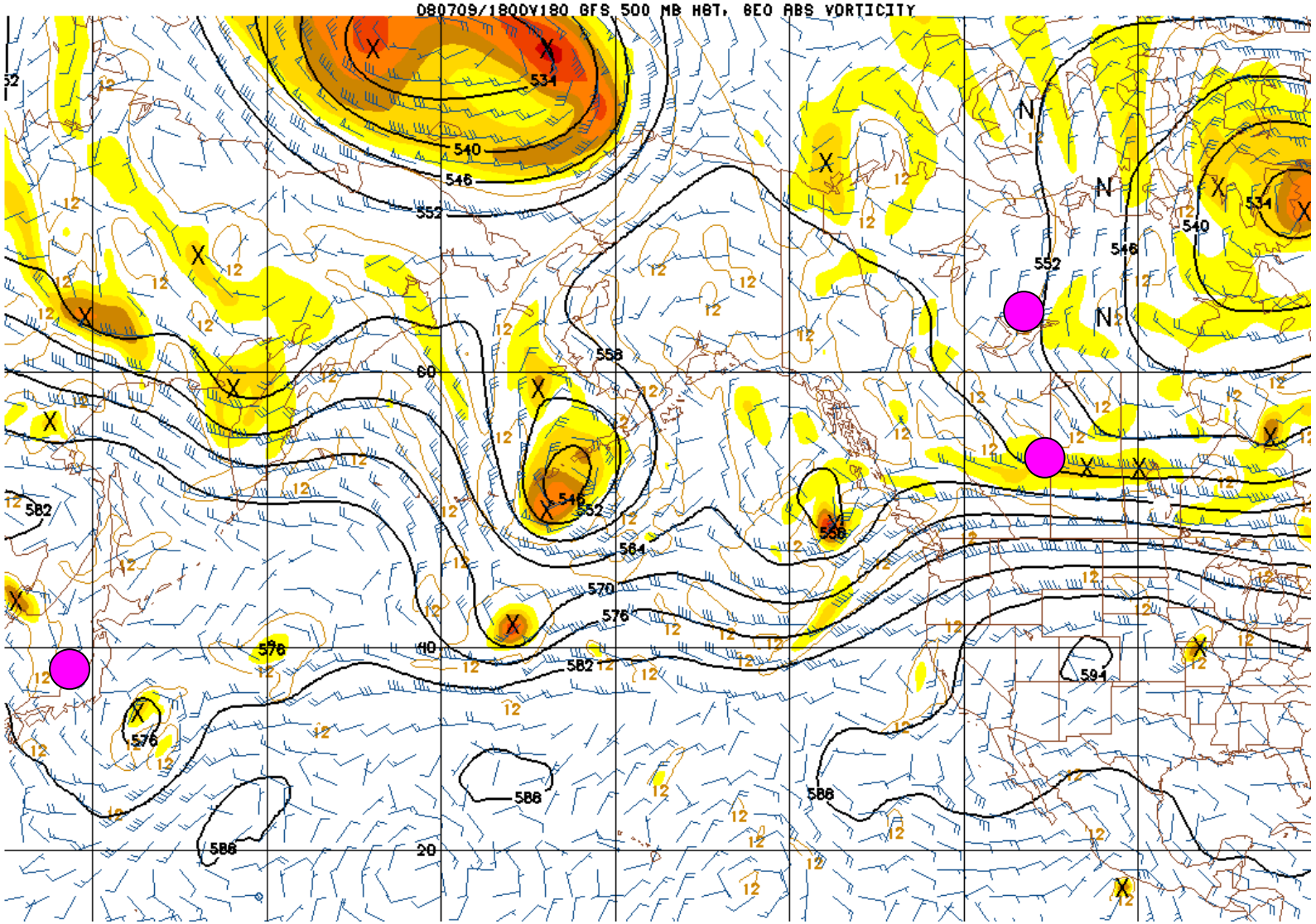
500 mb July 5 (72 h Prog)



500 mb July 7 (126 h Prog)



500 mb July 9 (180 h Prog)

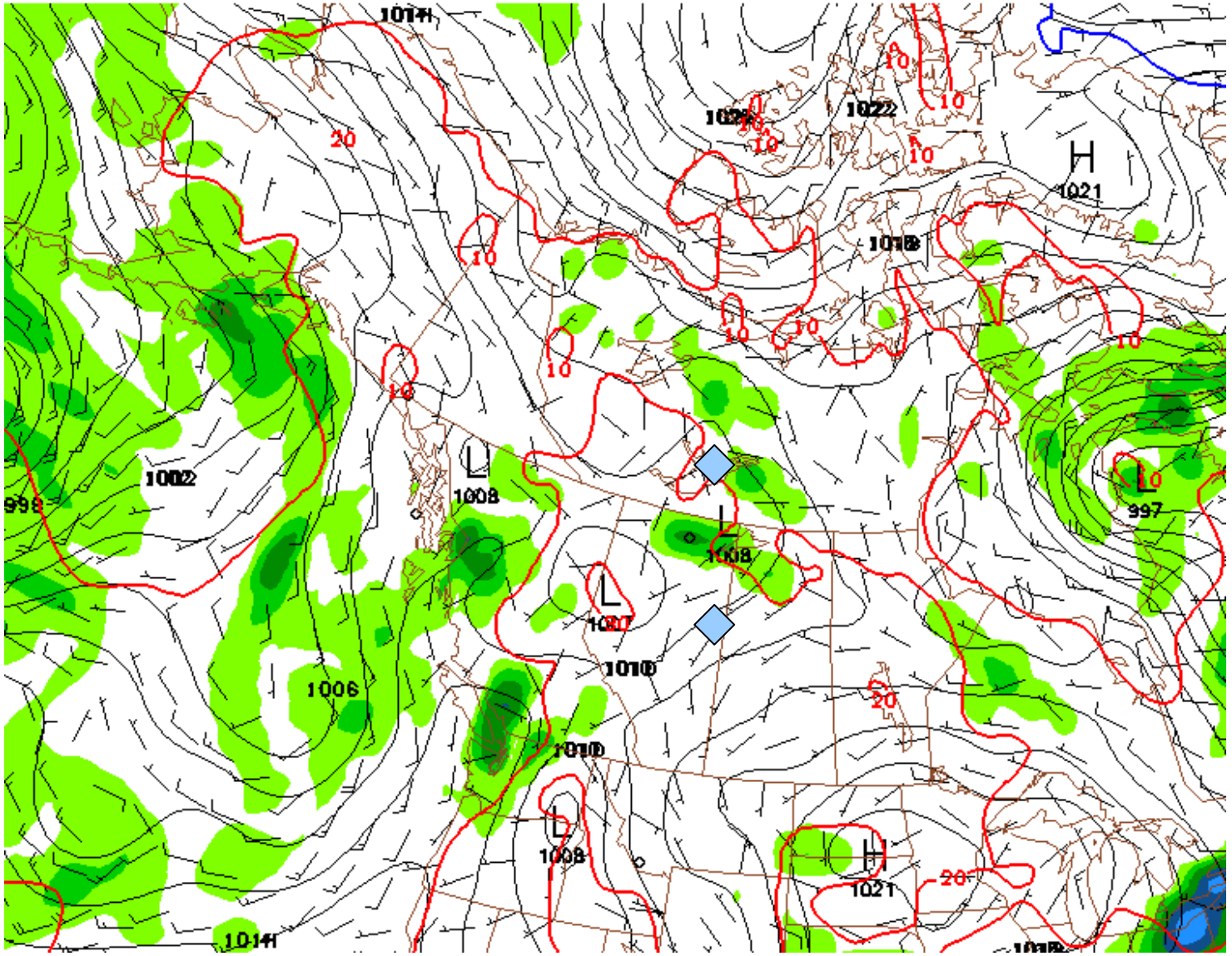


Thursday

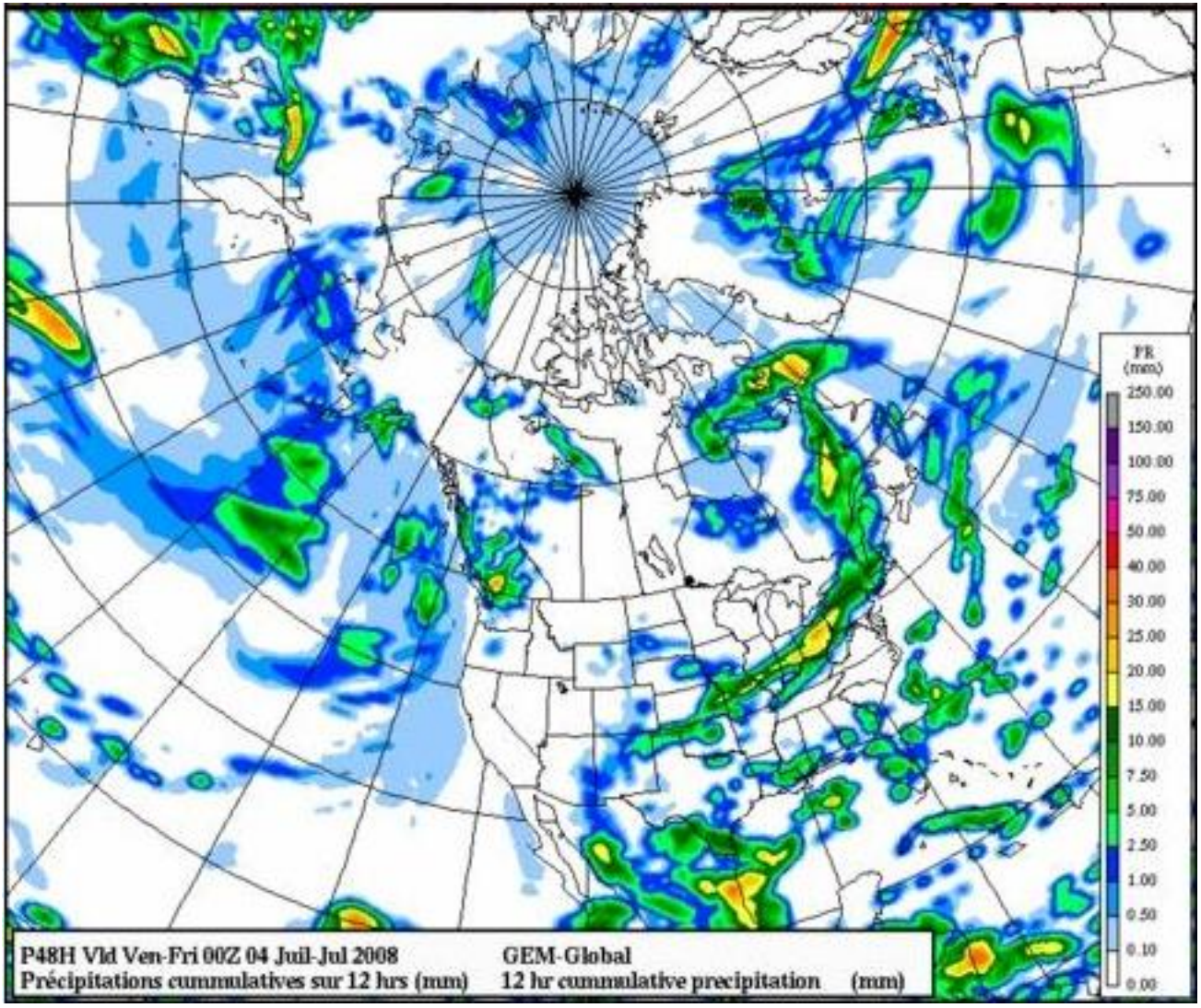
July 3rd

1800 Z (Noon)

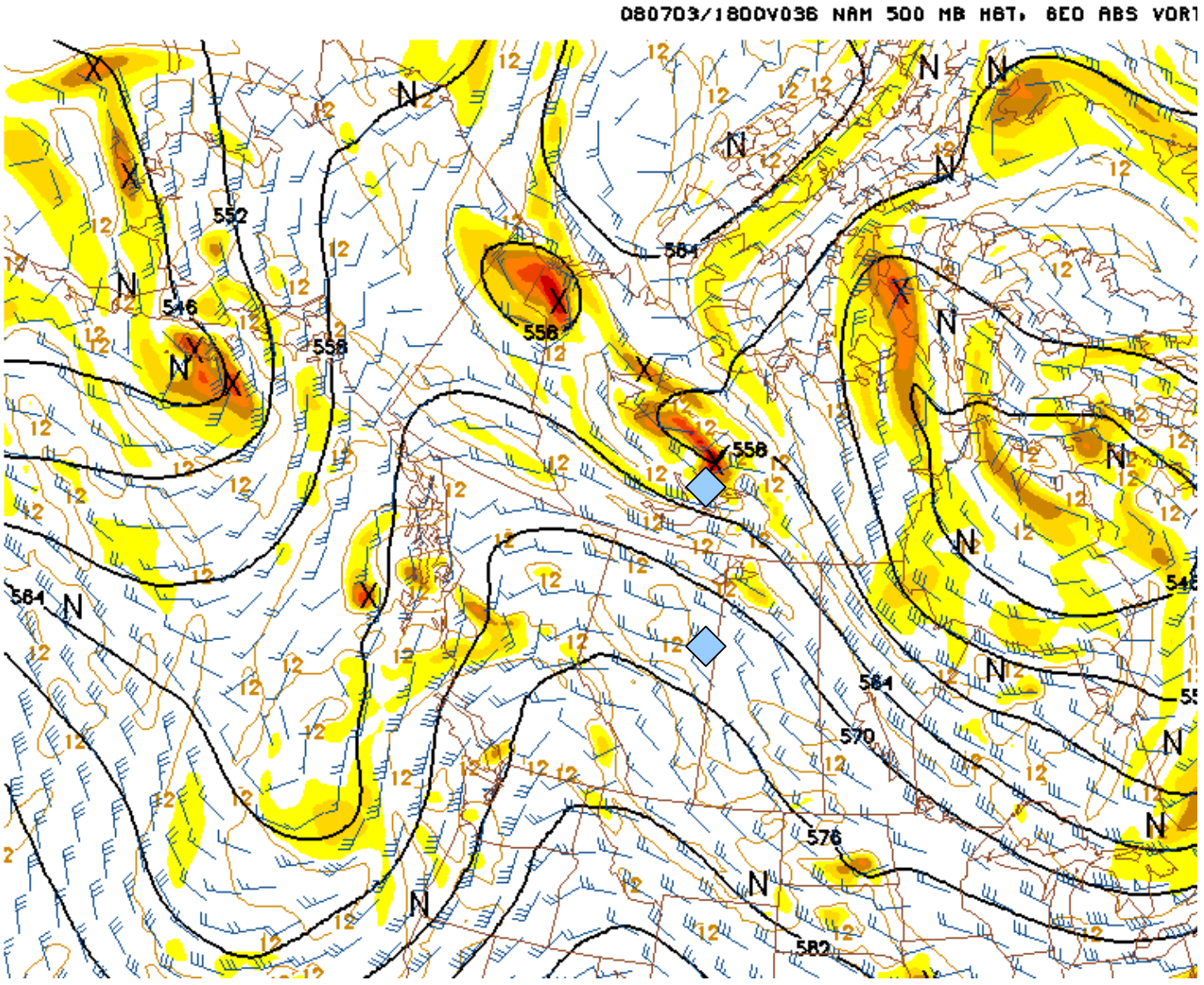
Thursday Surface and Precip



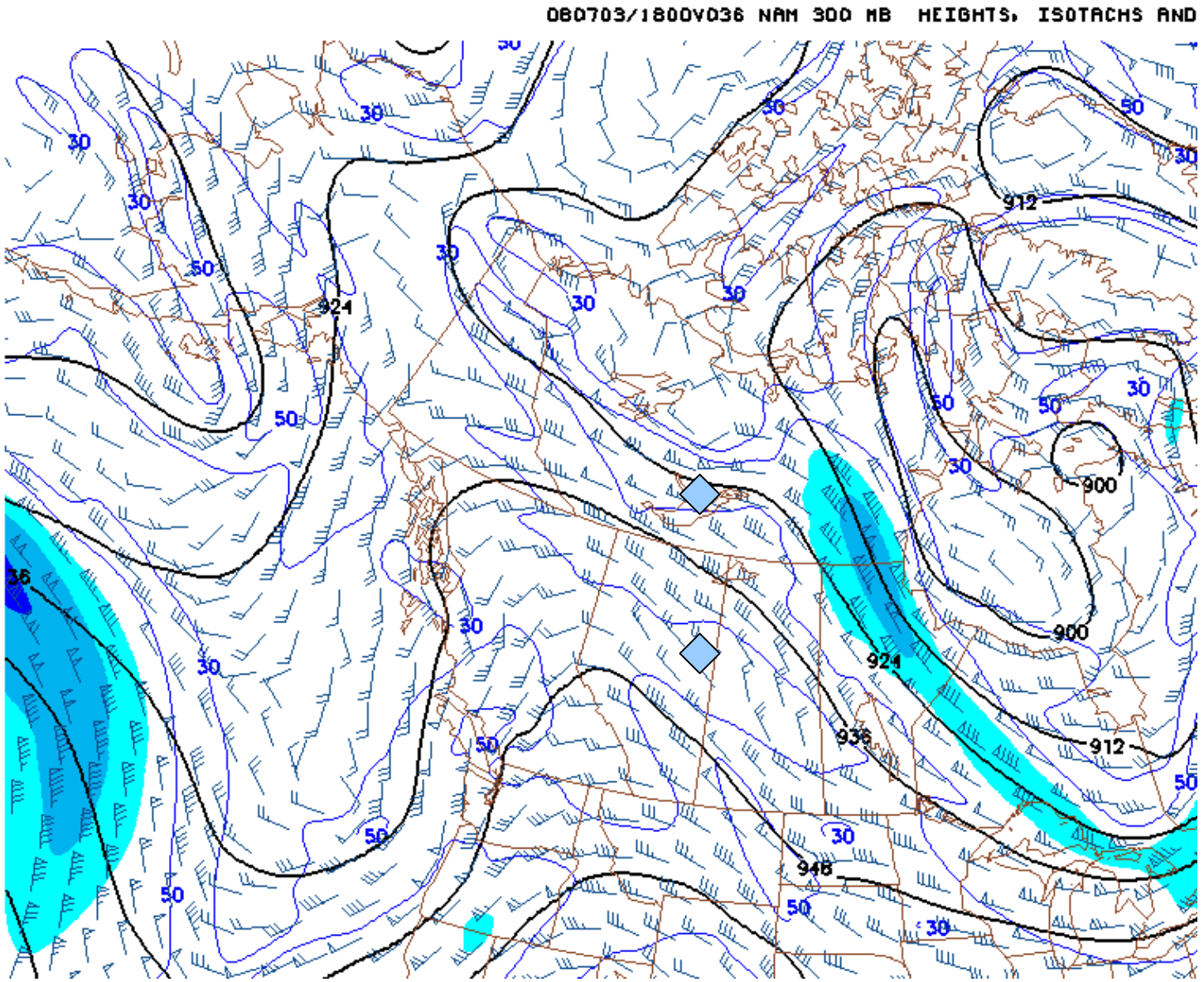
GEM Model Precip.



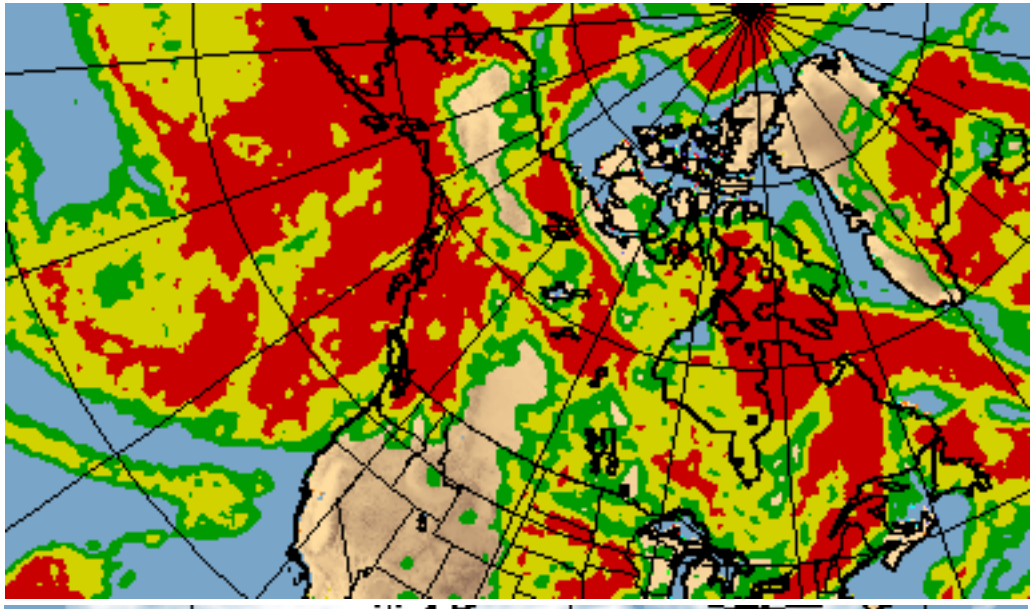
500 mb Heights and Vort.



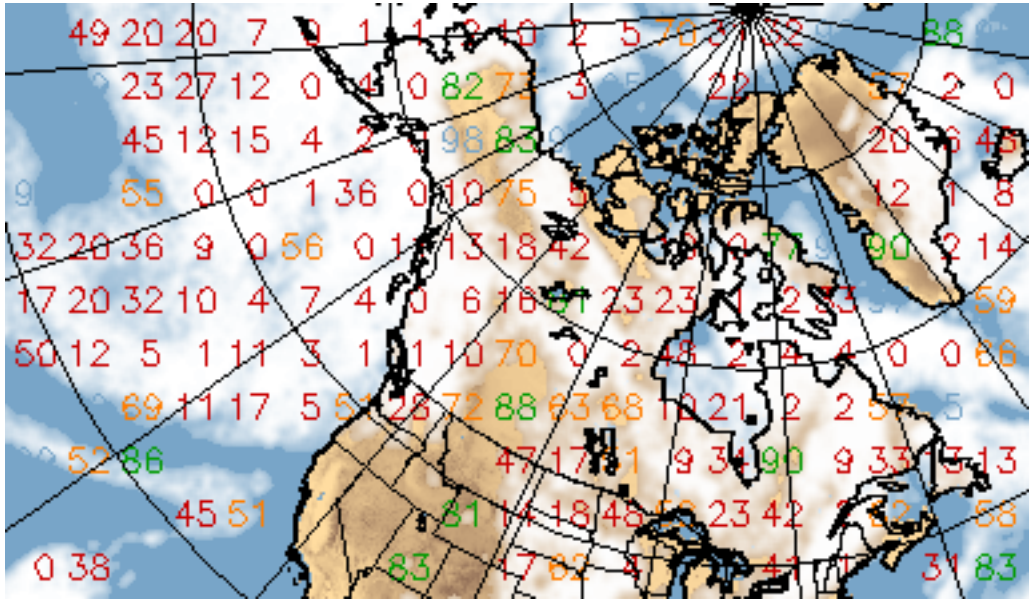
300 mb Heights and Vort.



Thursday Cloud Cover

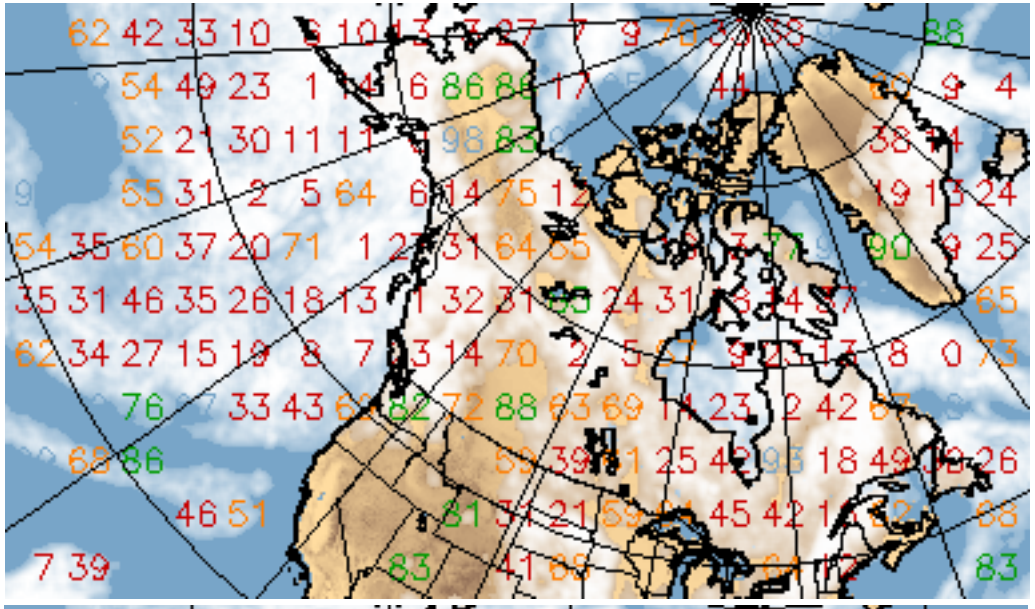


Total Cloud Cover

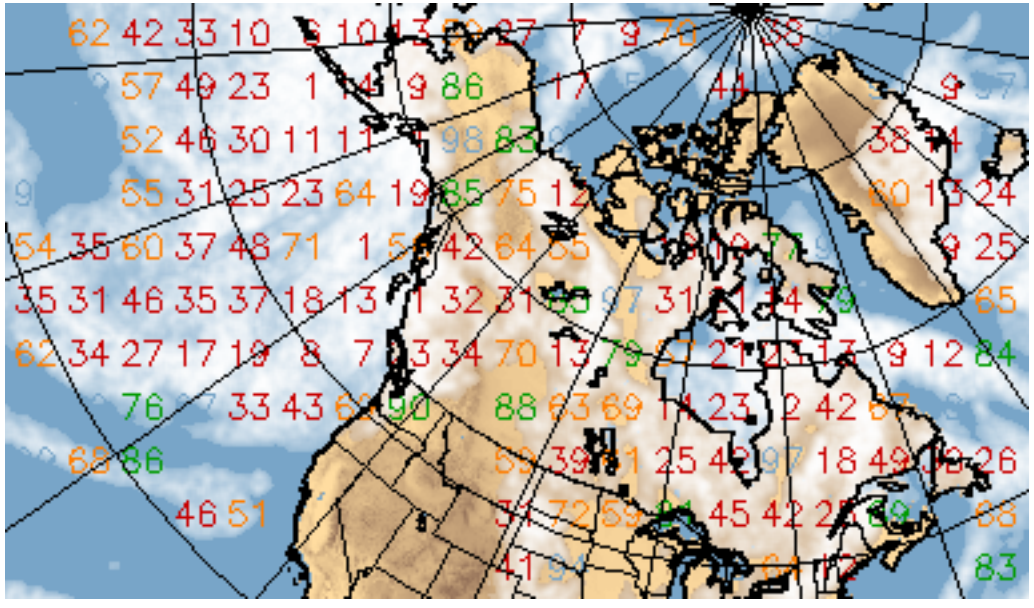


Surface to 300 mb

Cloud Cover

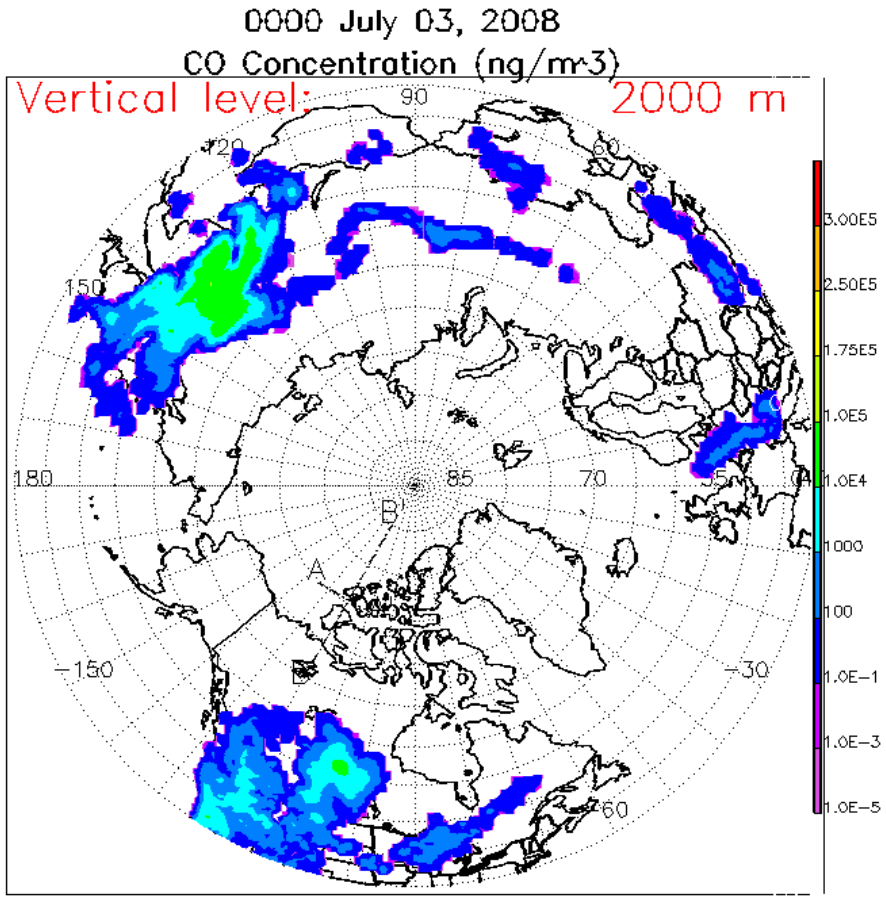


Surface to 500 mb

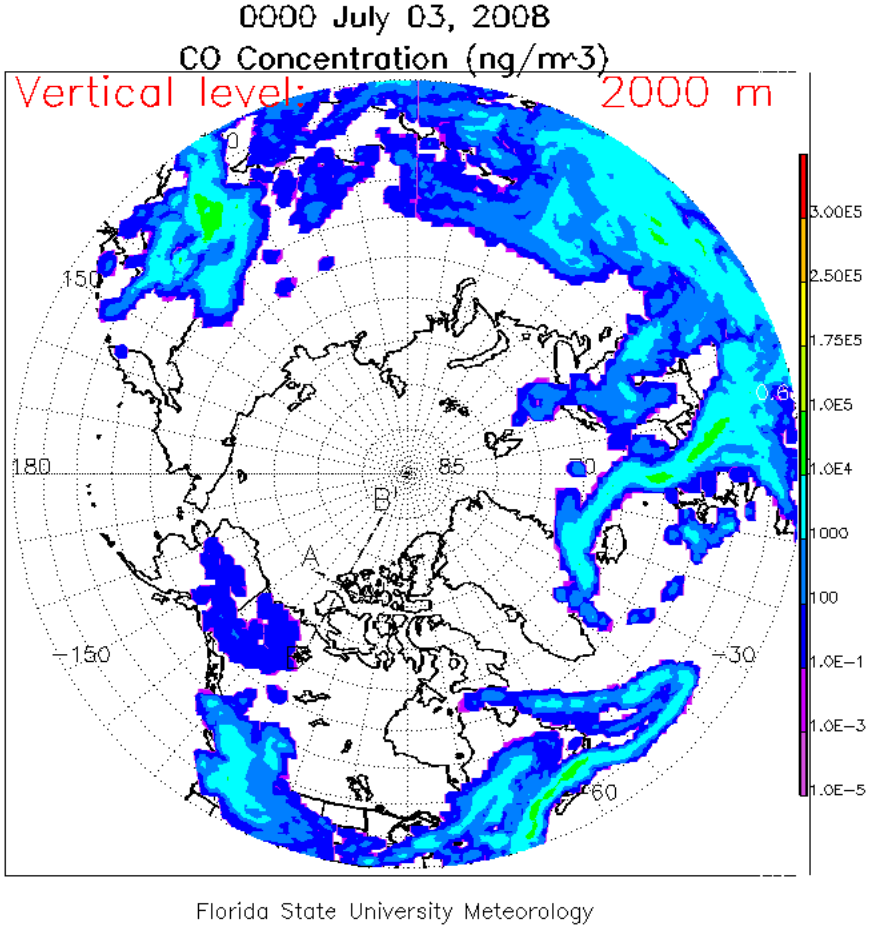


Surface to 700 mb

FLEXPART (2 km)

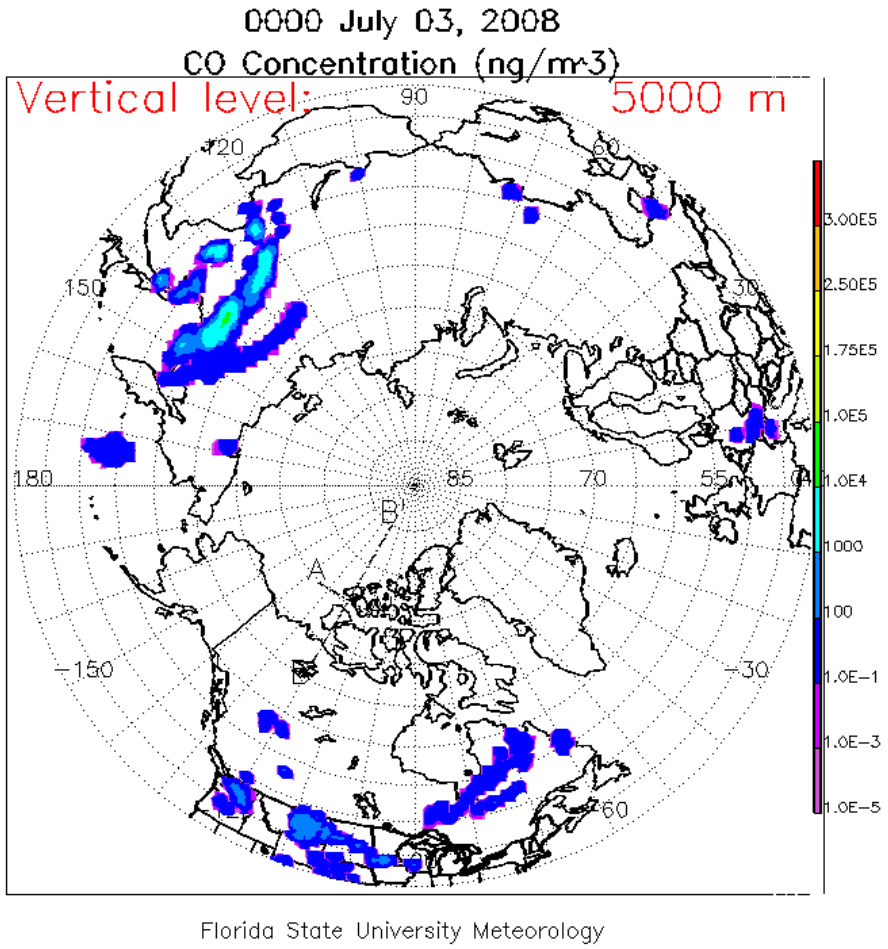


Fire (FLAMBE)

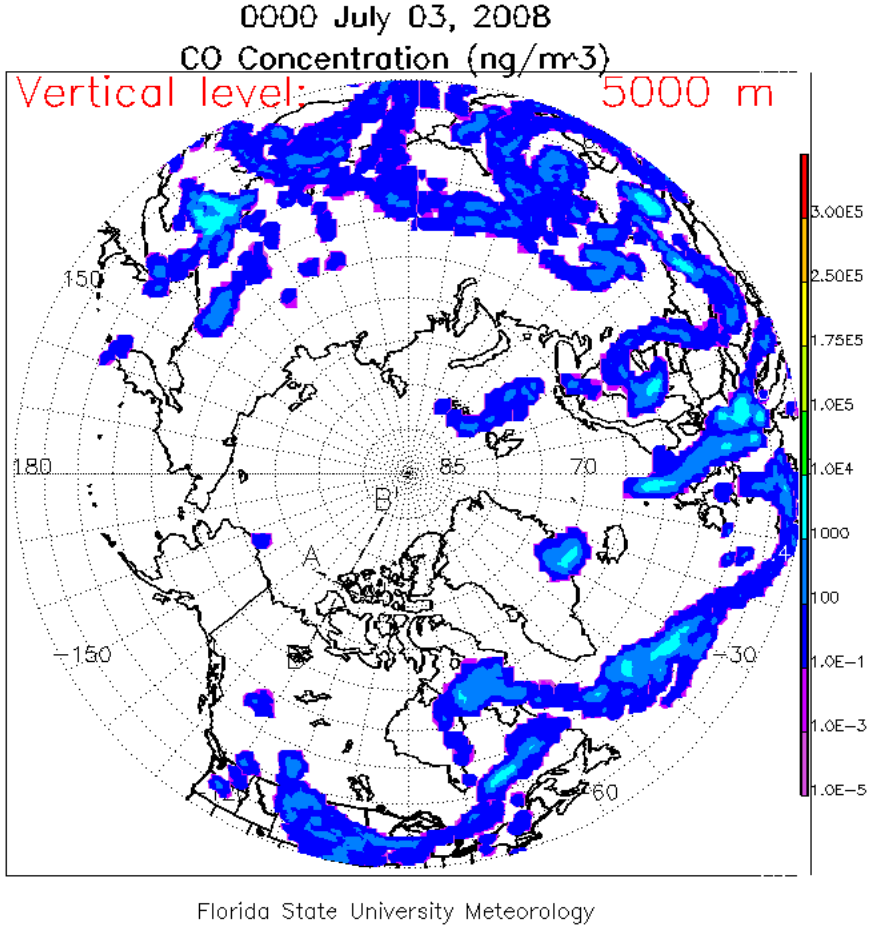


Anthropogenic

FLEXPART (5 km)

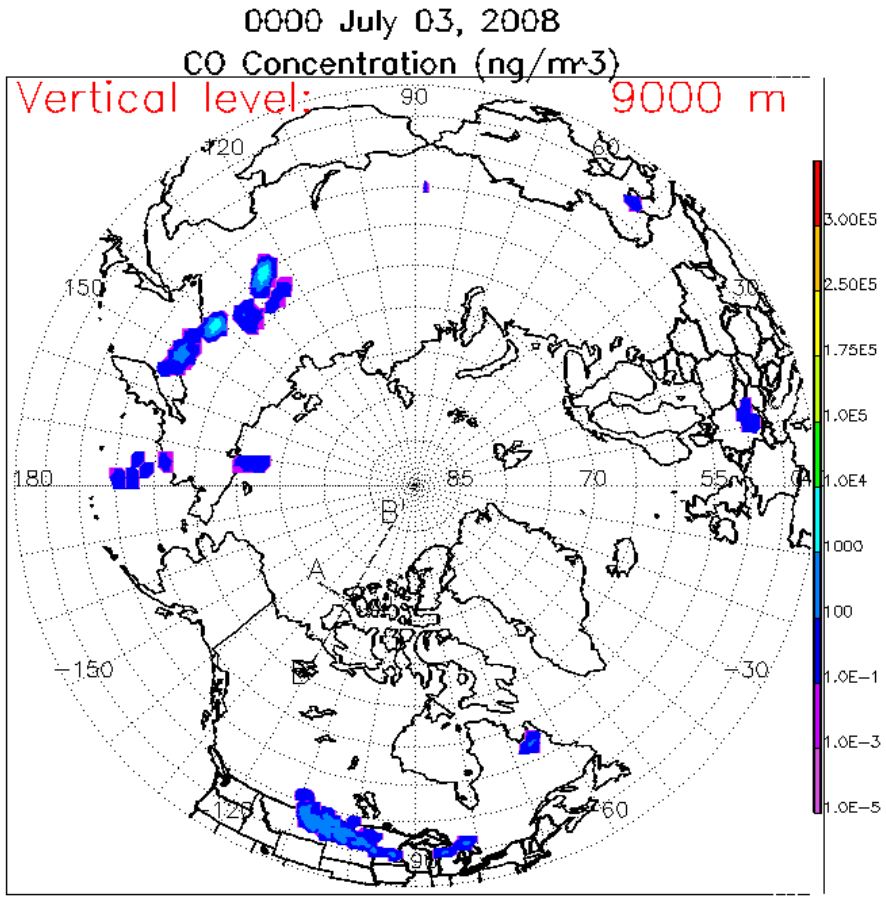


Fire (FLAMBE)

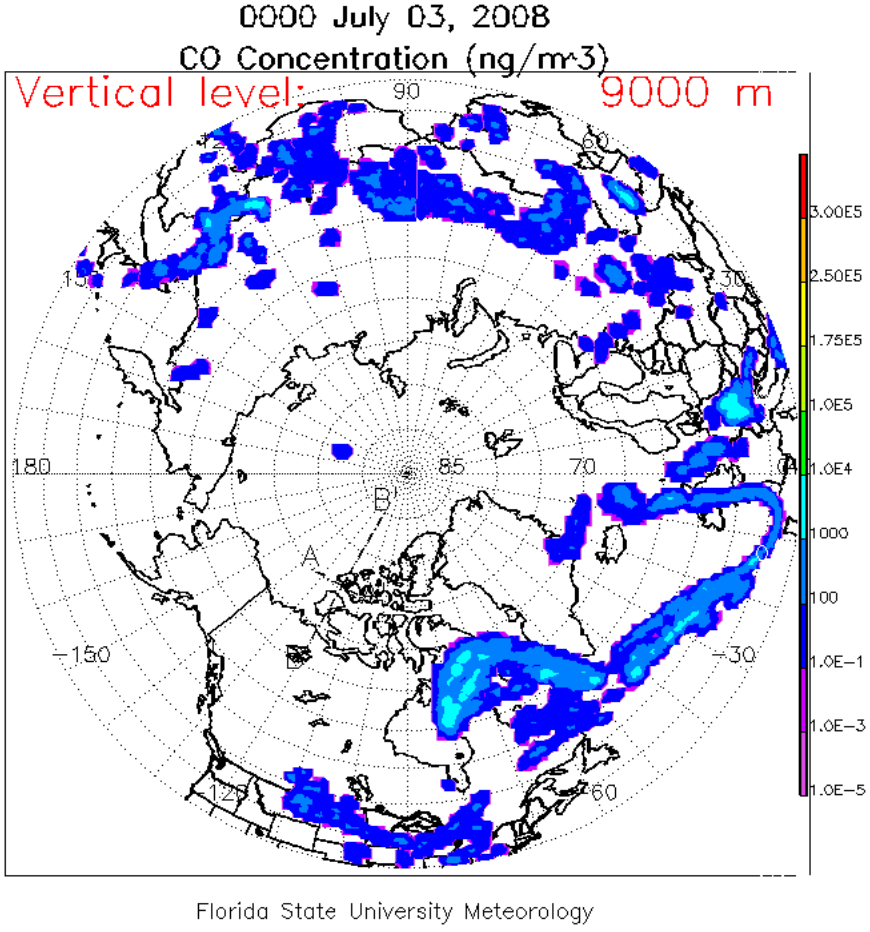


Anthropogenic

FLEXPART (9 km)



Fire (FLAMBE)



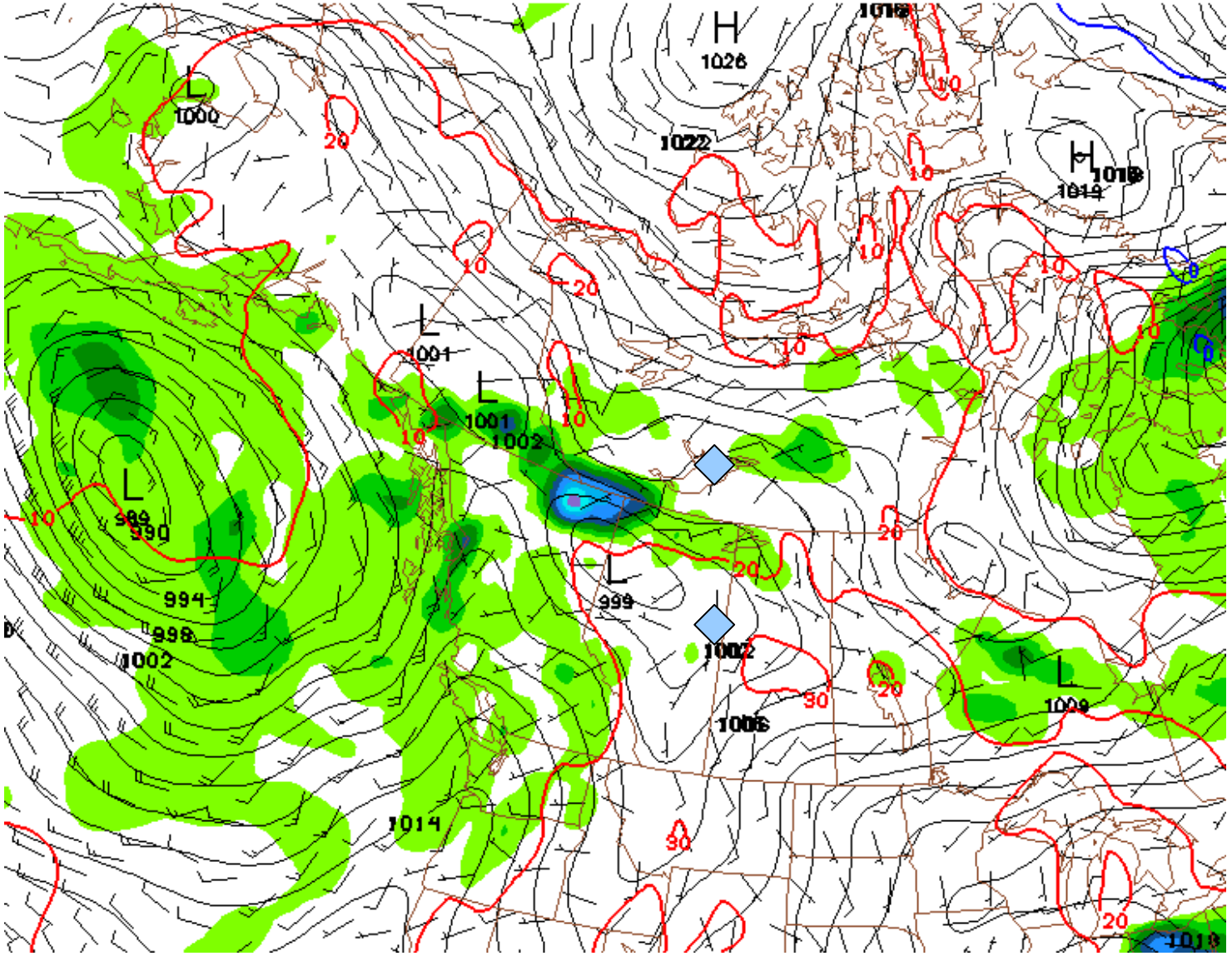
Anthropogenic

Friday

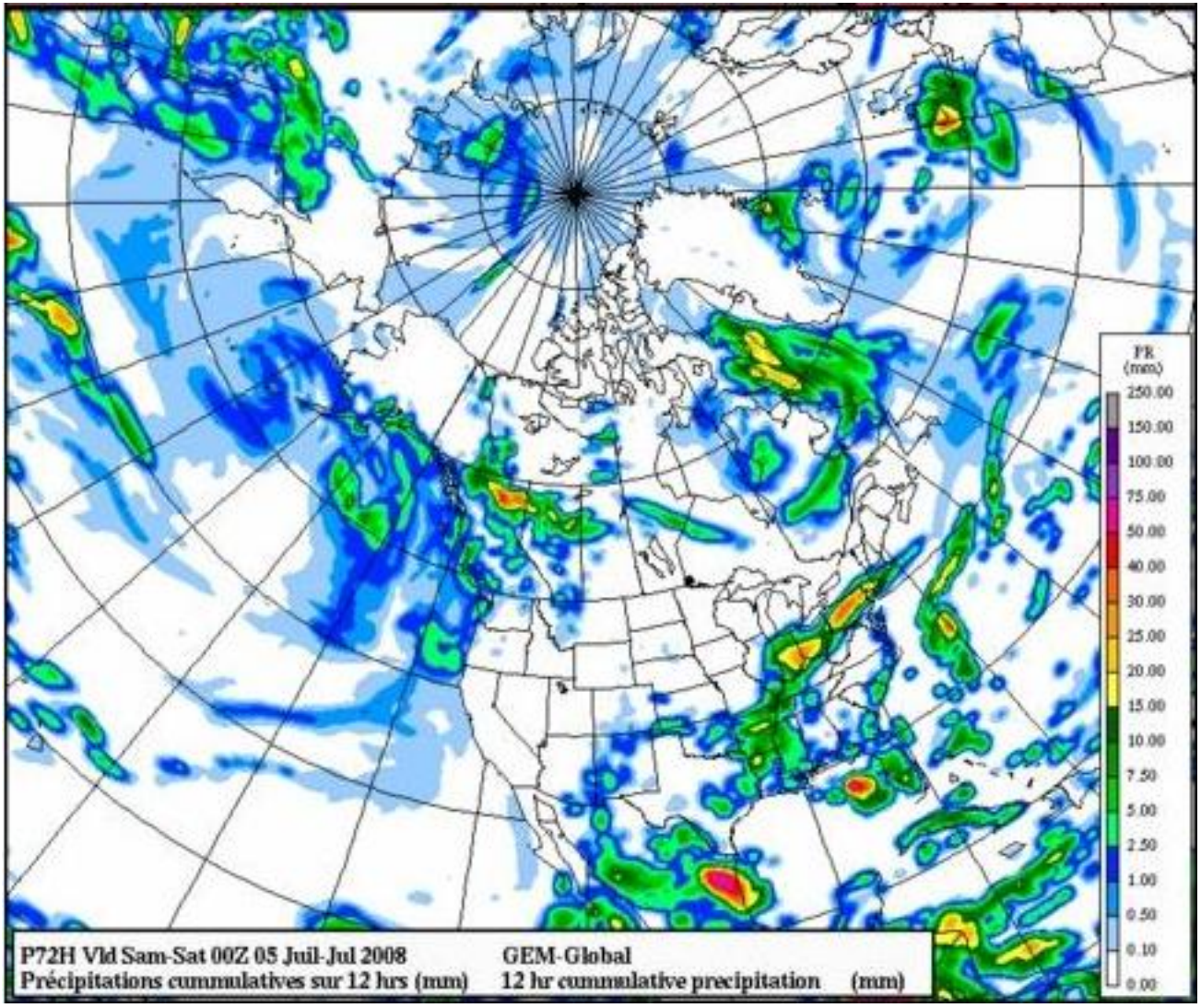
July 4th

1800 Z (Noon)

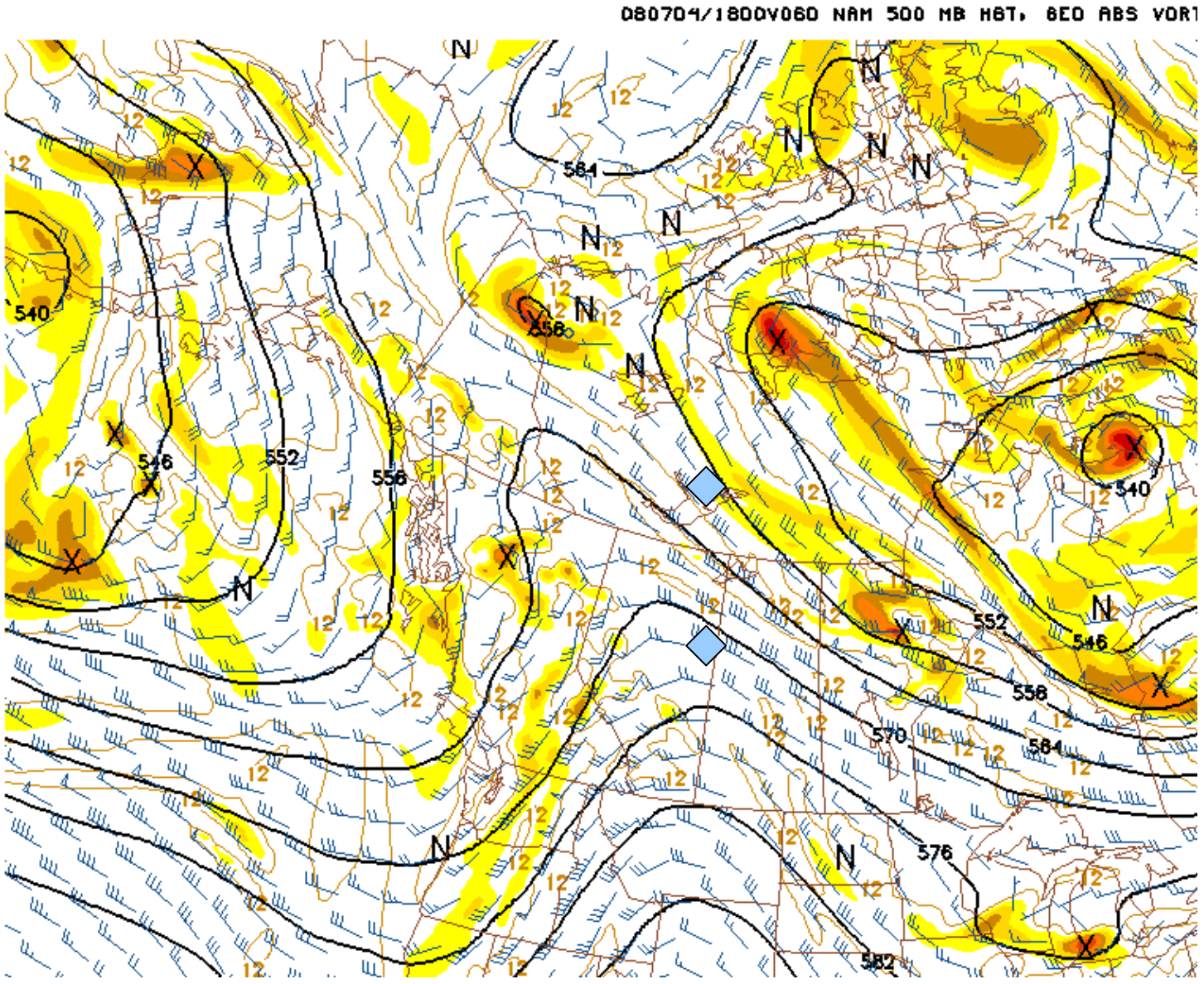
Friday Surface and Precip



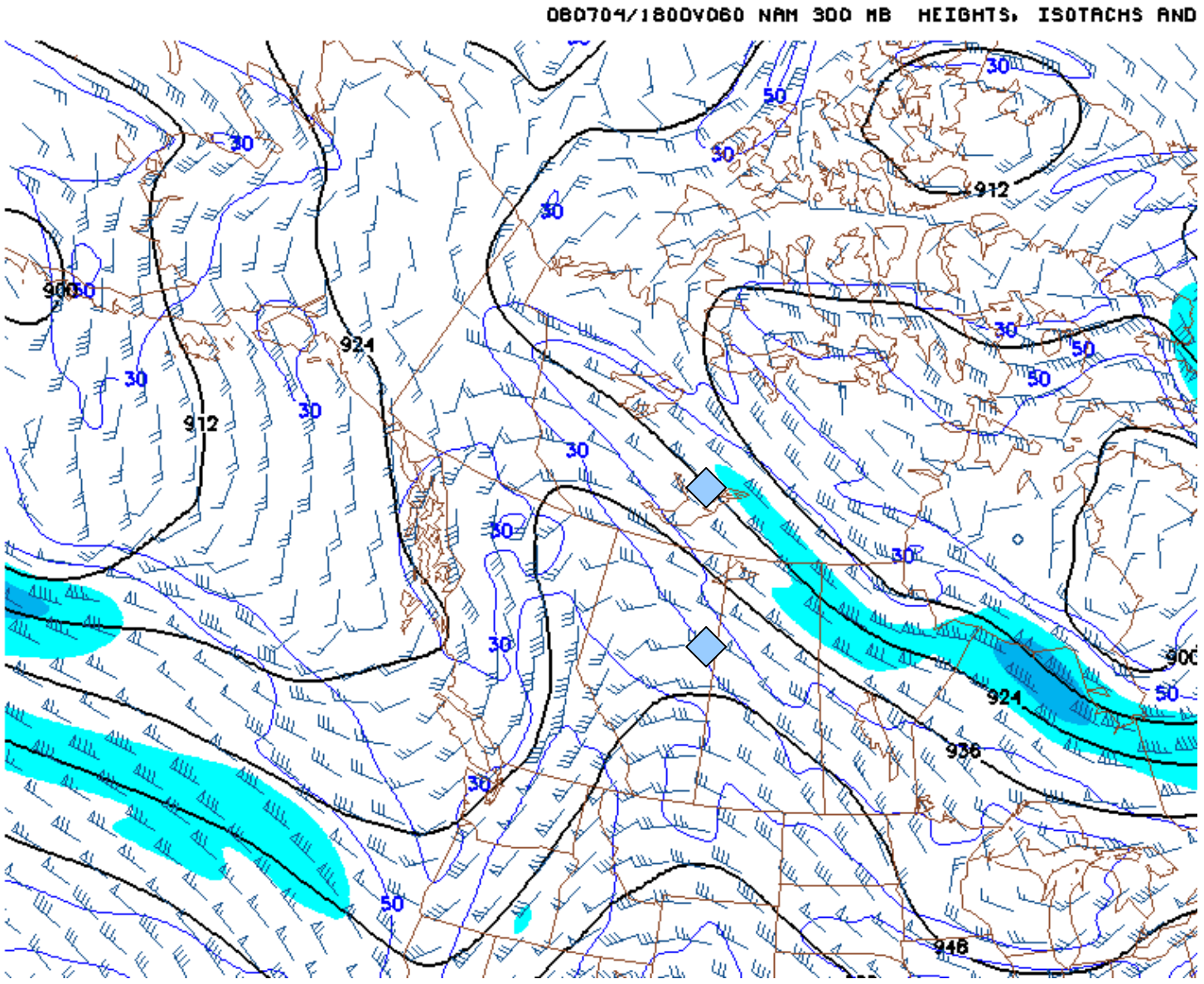
GEM Model Precip.



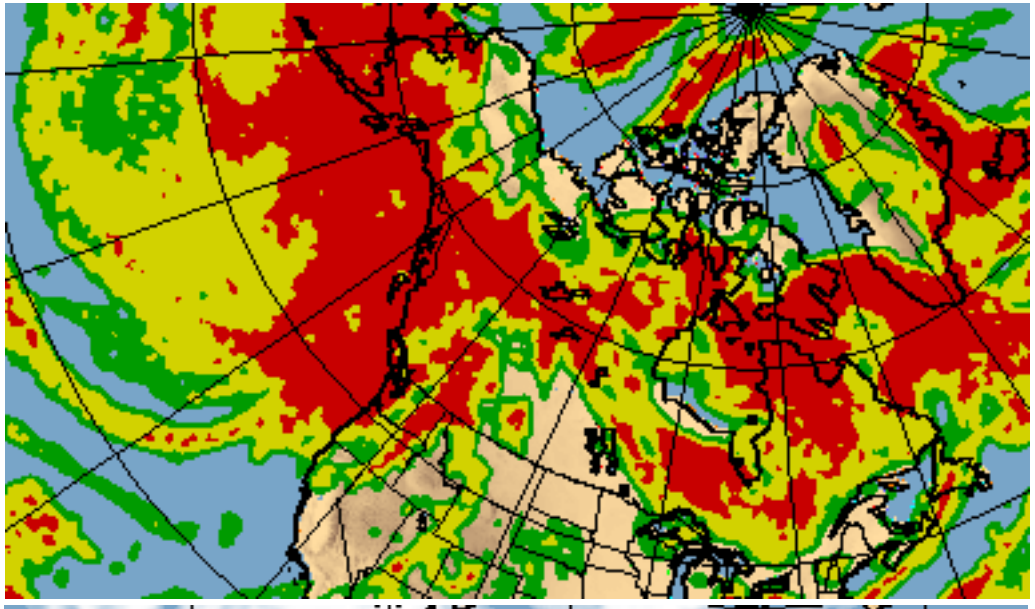
500 mb Heights and Vort.



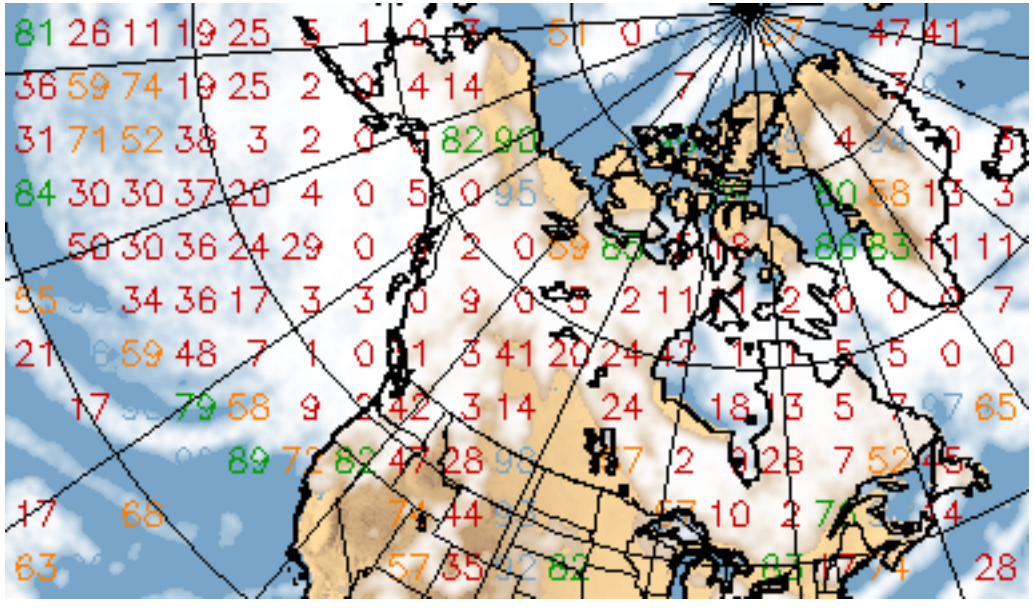
300 mb Heights and Vort.



Friday Cloud Cover

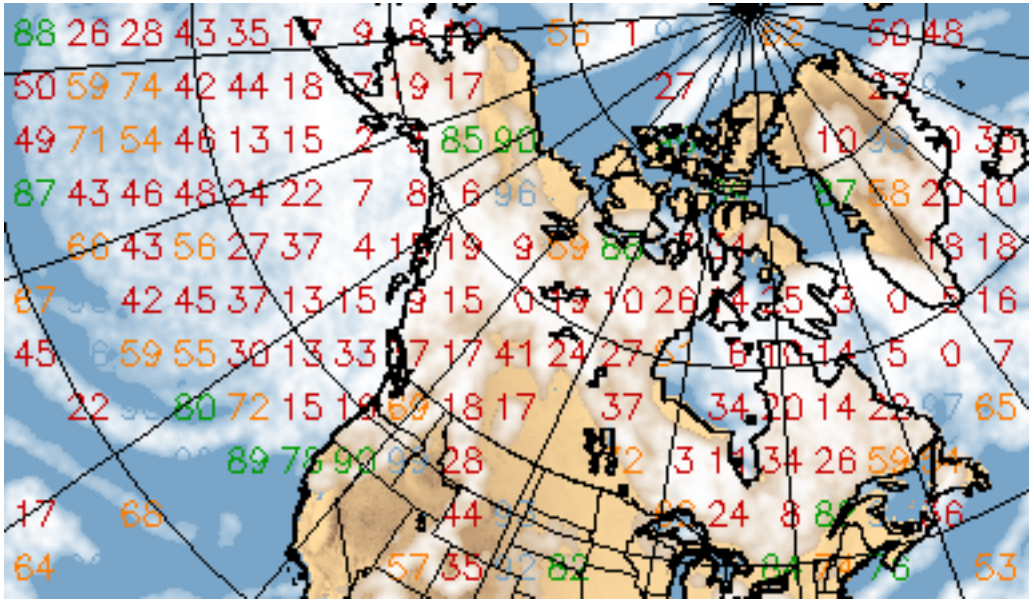


Total Cloud Cover

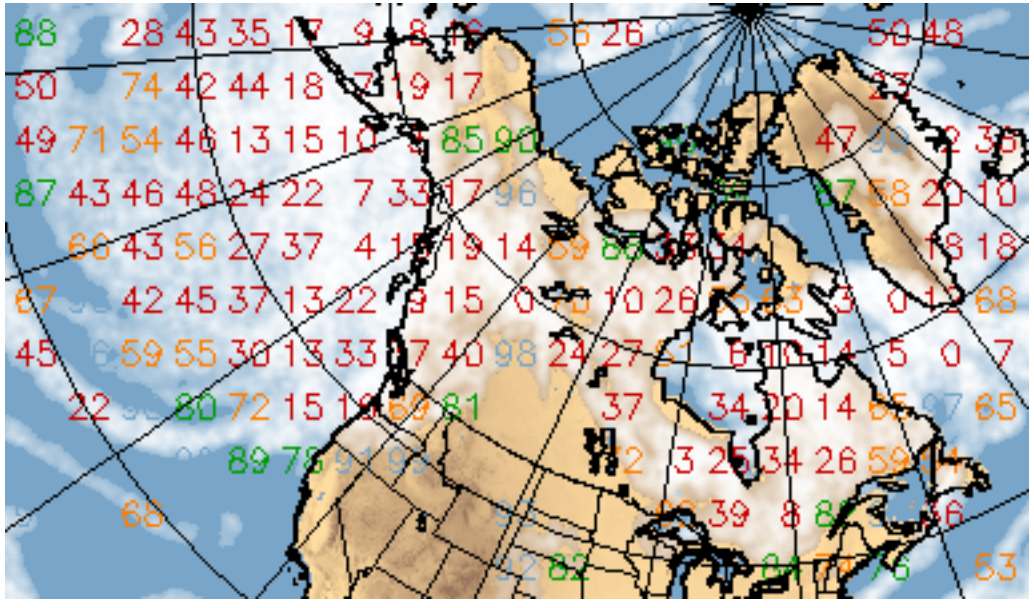


Surface to 300 mb

Cloud Cover



Surface to 500 mb



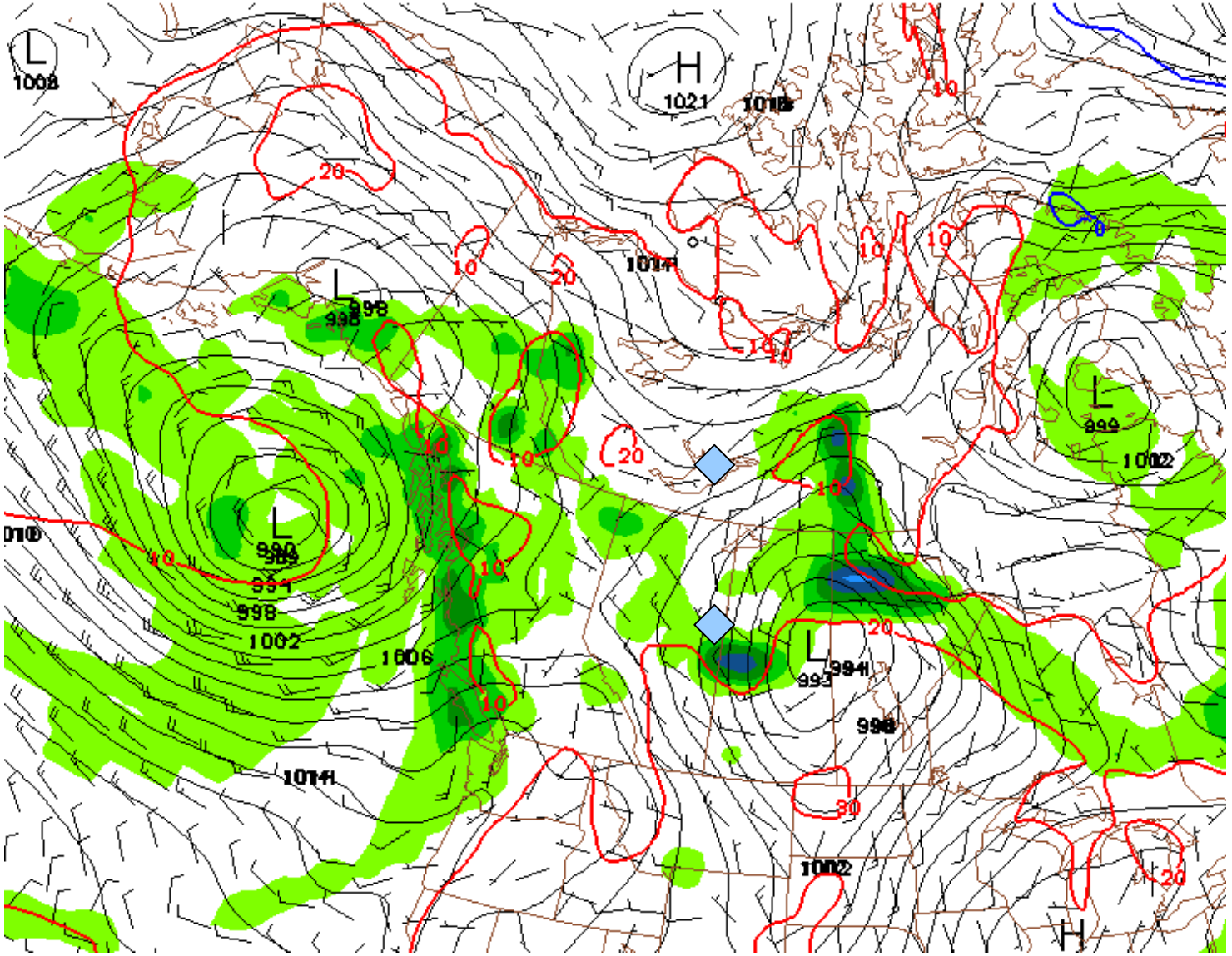
Surface to 700 mb

Saturday

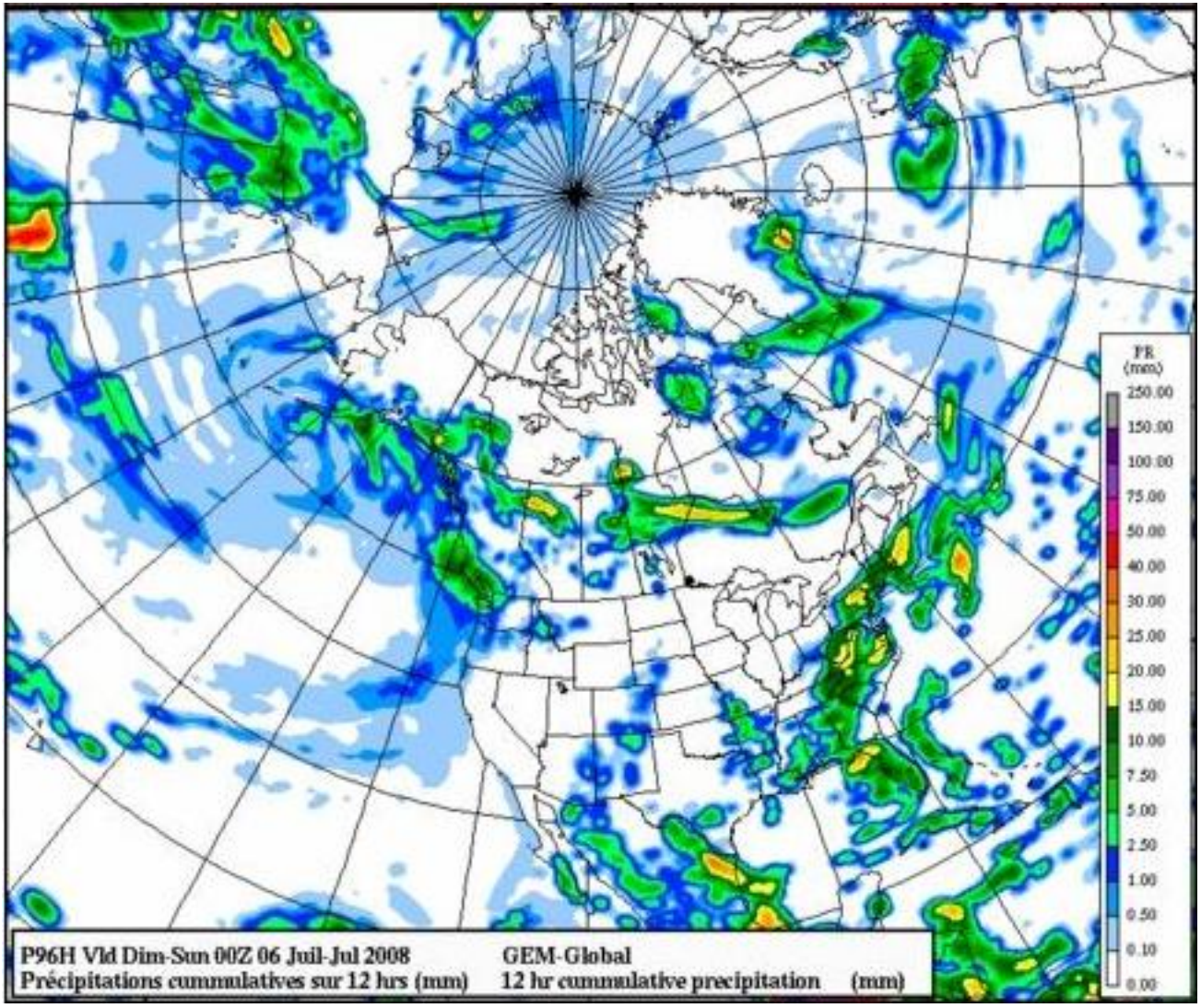
July 5th

1800 Z (Noon)

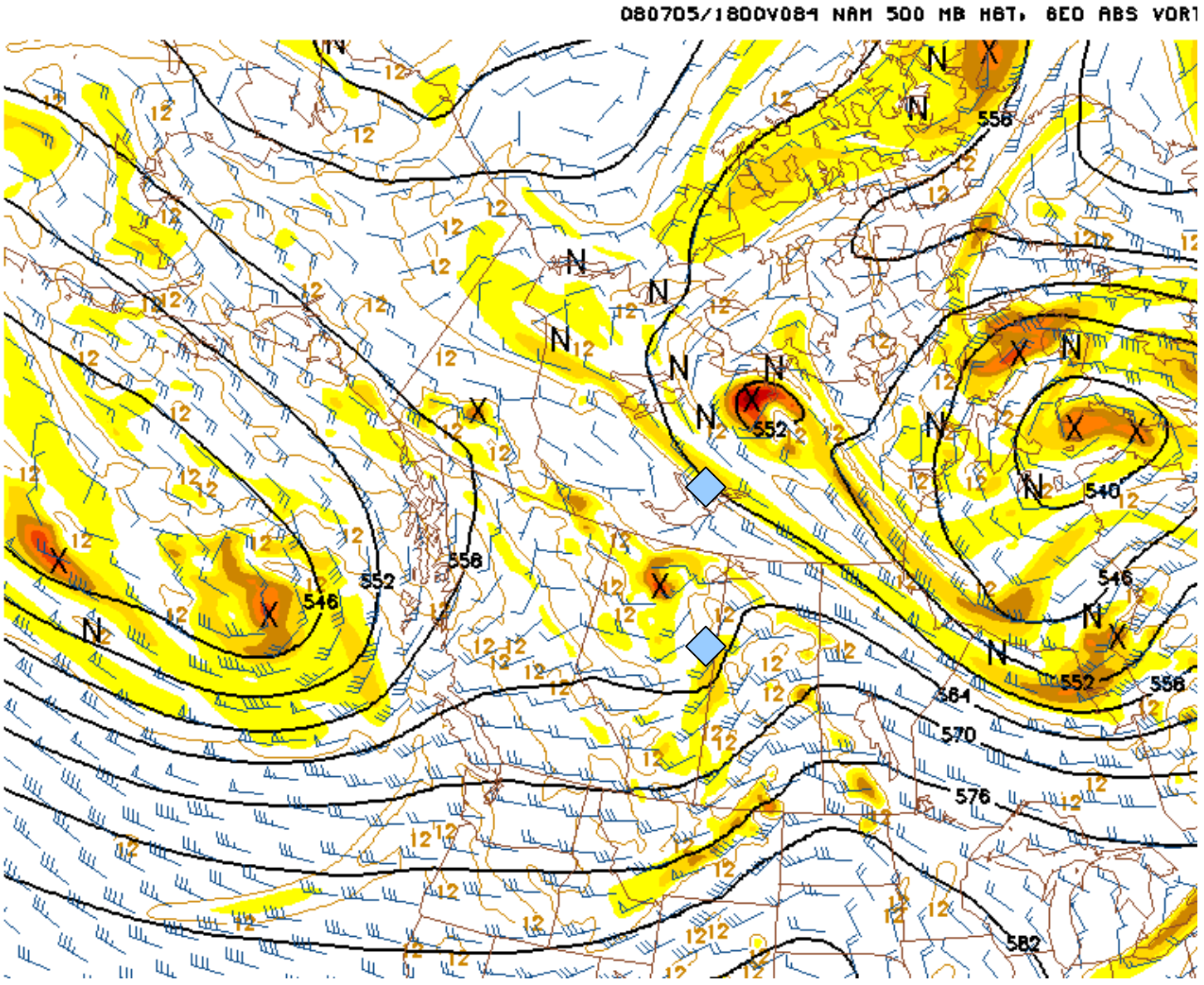
Saturday Surface and Precip



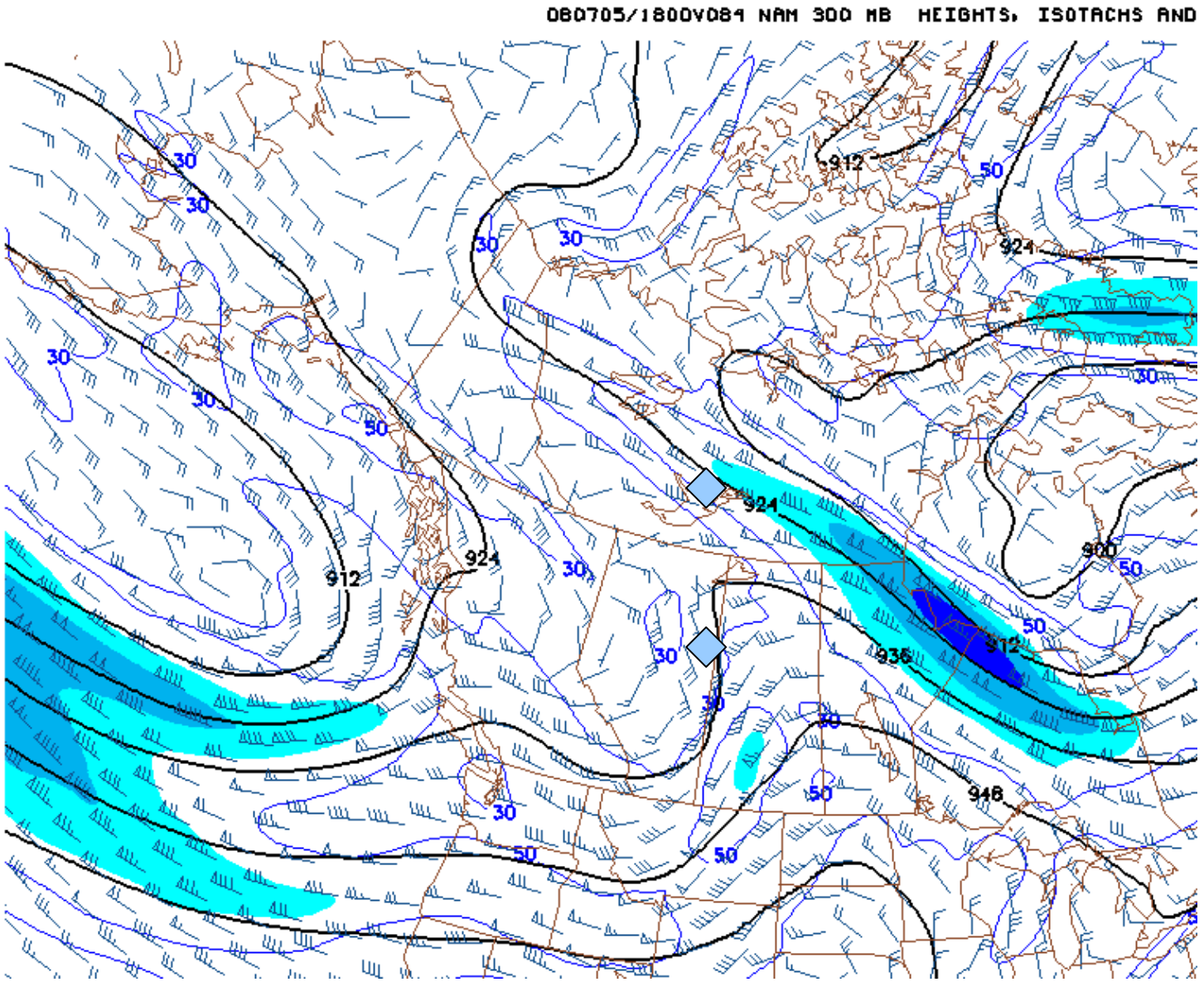
GEM Model Precip.



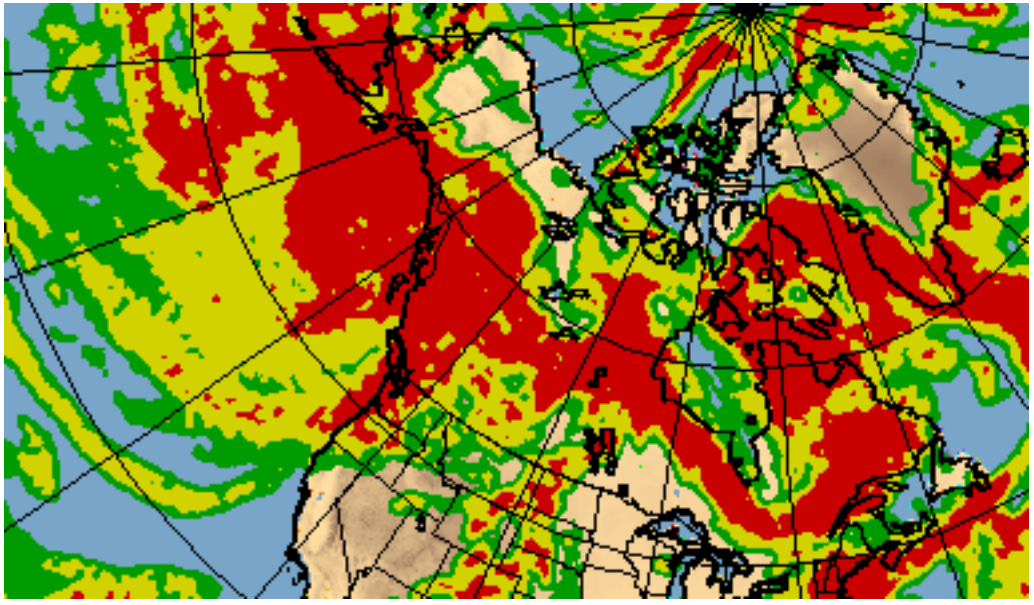
500 mb Heights and Vort.



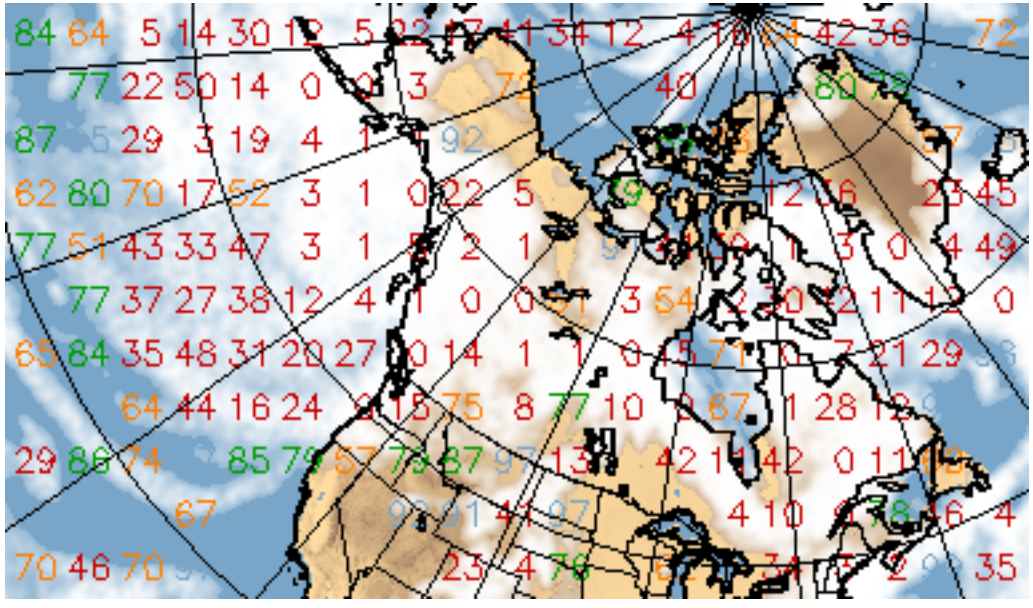
300 mb Heights and Vort.



Saturday Cloud Cover

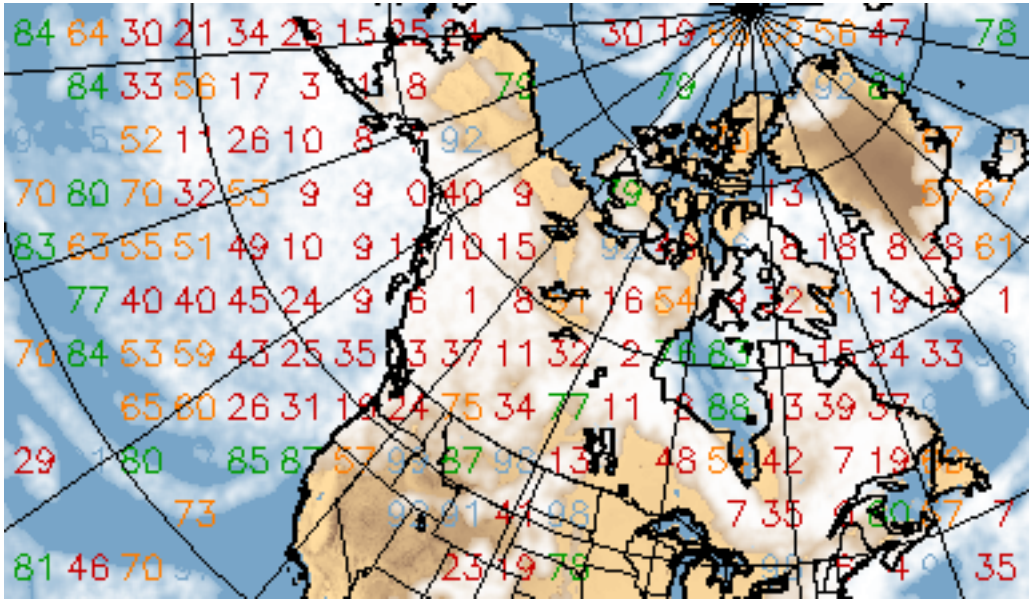


Total Cloud Cover

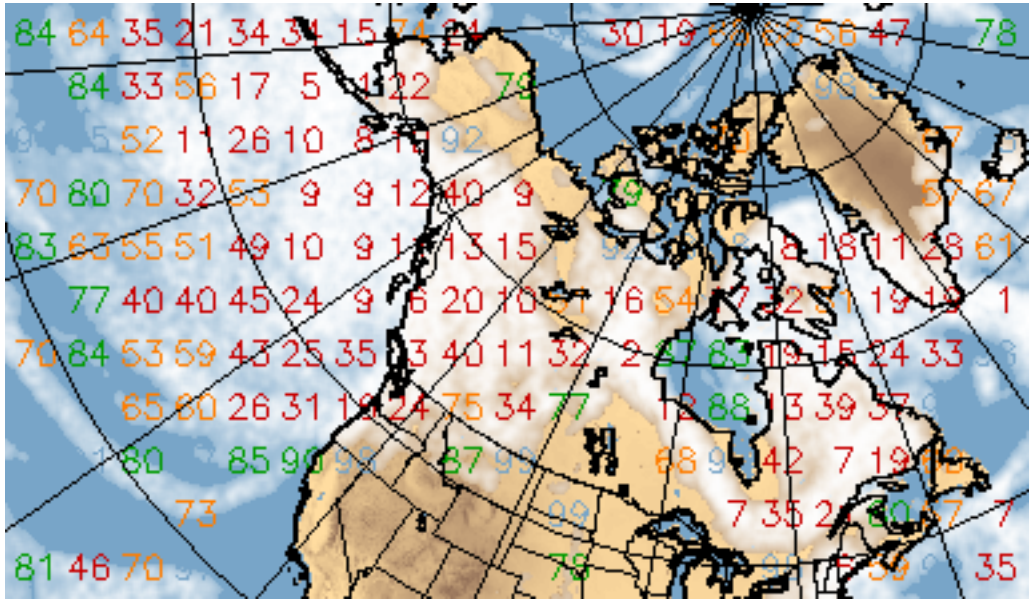


Surface to 300 mb

Cloud Cover



Surface to 500 mb



Surface to 700 mb

Cold Lake Forecast

- **Today:** Sunny. High 24. UV index 7 or high.
- **Tonight:** Clear. Low 12.
- **Thursday:** Sunny. High 28.
- **Friday:** Sunny. Low 17. High 30.
- **Saturday:** A mix of sun and cloud. Low 14. High 25.
- **Sunday:** Cloudy. Low 13. High 23.
- **Historical Data Yesterday**
- **Max:** 23.3°C **Min:** 11.9°C
- **Precip :** 0.0 mm
- **Normals**
- **Max:** 23°C **Min:** 10°C
- **Astronomical Data**
- **Sunrise** 4:51 AM
- **Sunset** 21:59 PM

Yellowknife Forecast

- **Today:** A mix of sun and cloud. High 21. UV index 6 or high.
- **Tonight:** Cloudy periods. Rain beginning overnight. Low 14.
- **Thursday:** Rain ending late in the morning then a mix of sun and cloud. Amount 5 mm. High 19.
- **Friday:** Sunny. Low 10. High 21.
- **Saturday:** Sunny. Low 11. High 19.
- **Sunday:** Sunny. Low 11. High 19.
- **Astronomical Data**
- **Sunrise:** 3:50 AM
- **Sunset:** 23:34 PM