FLIGHT DAY FORECAST

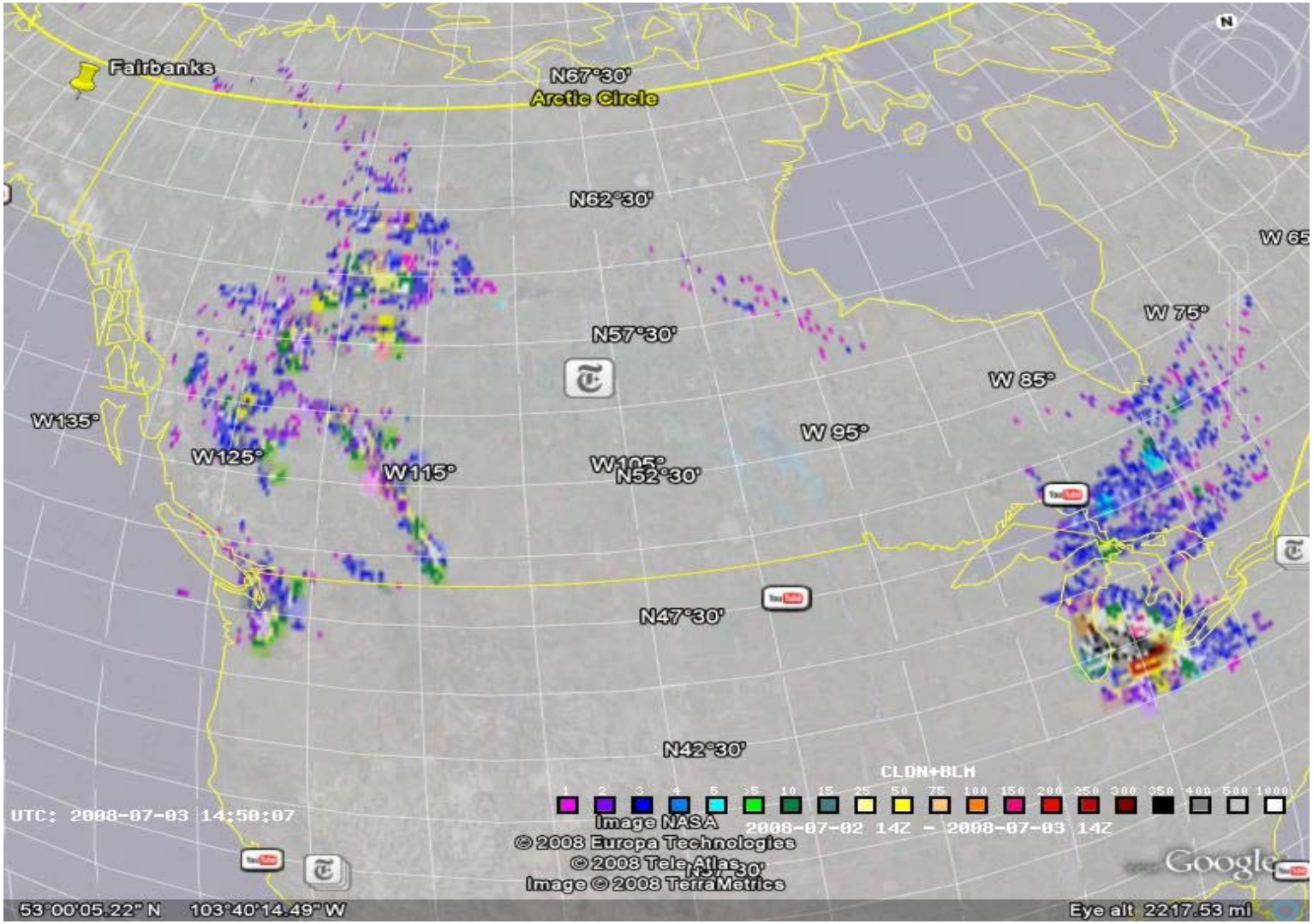
July 4 - July 7

Henry Fuelberg
Walter Sessions

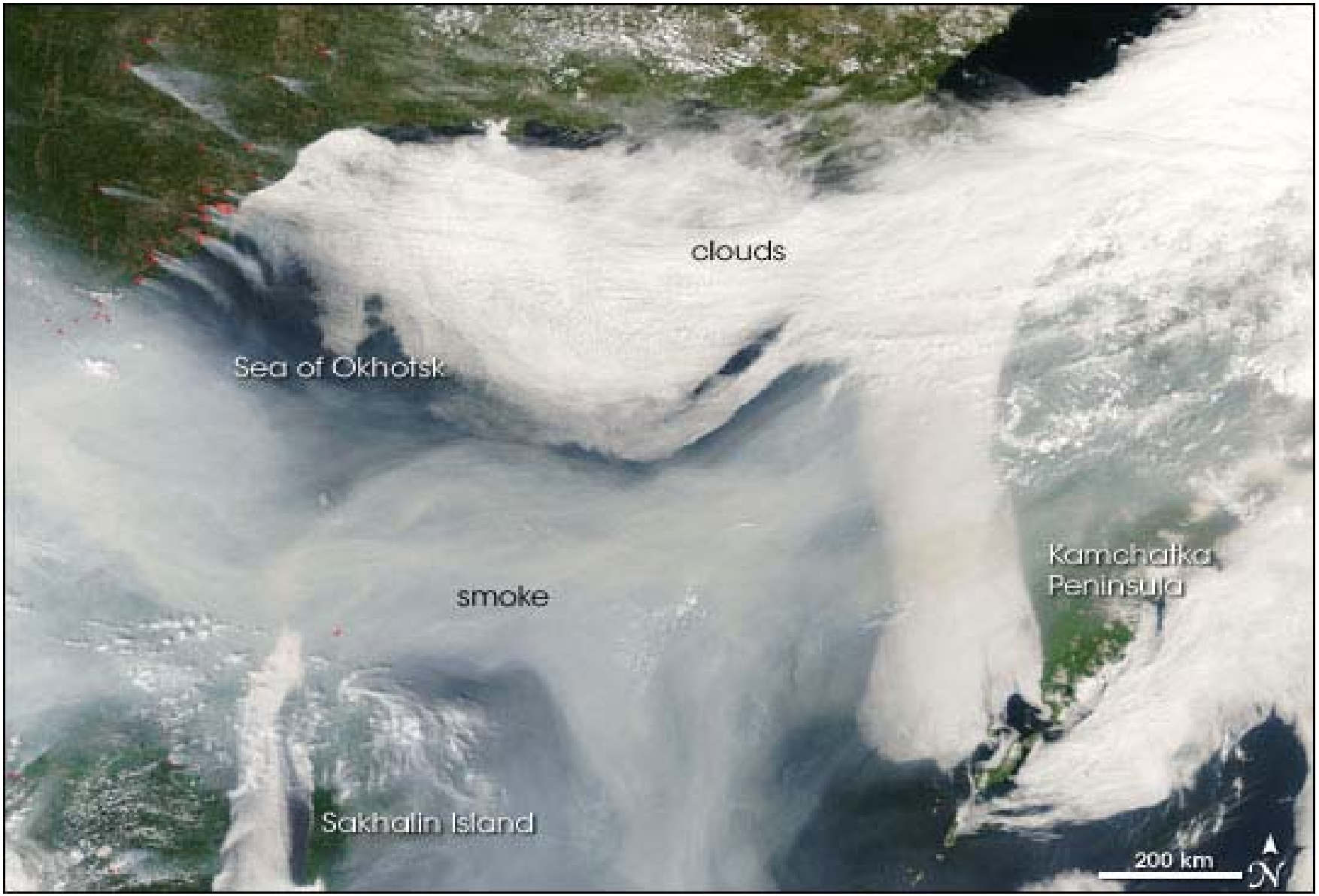
"Your eyes to the skies"
And "No Surprise Weather Service"

FSU Meteorology

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



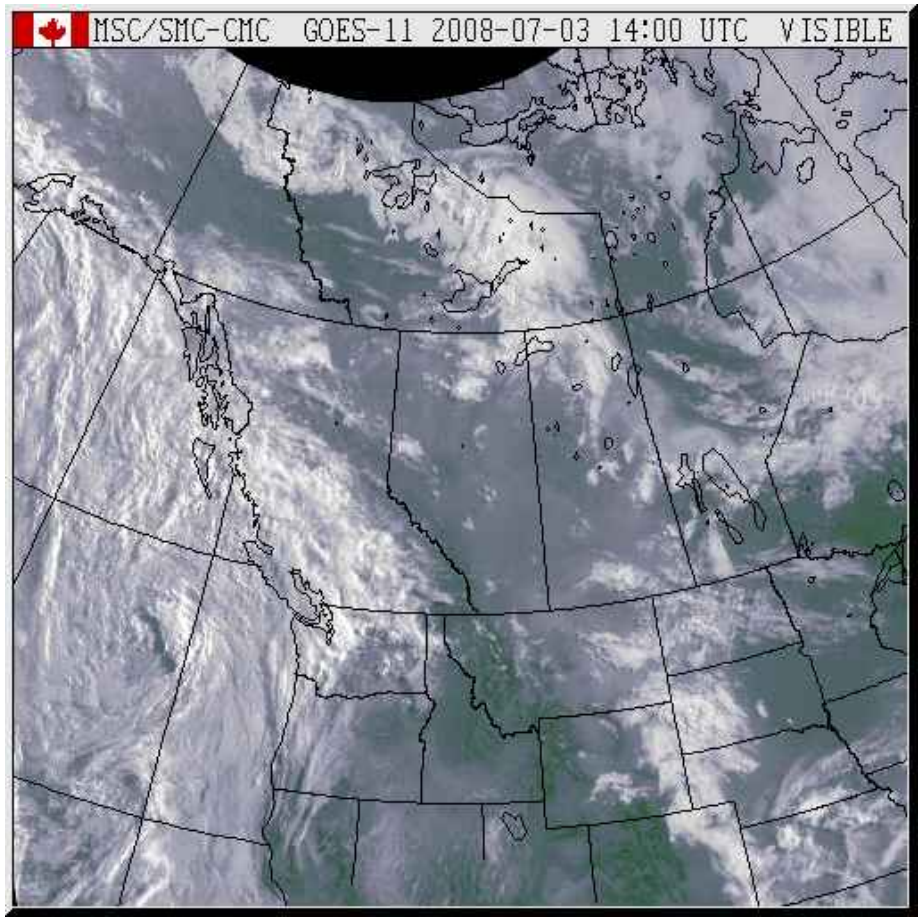
Russia—MODIS—July 2



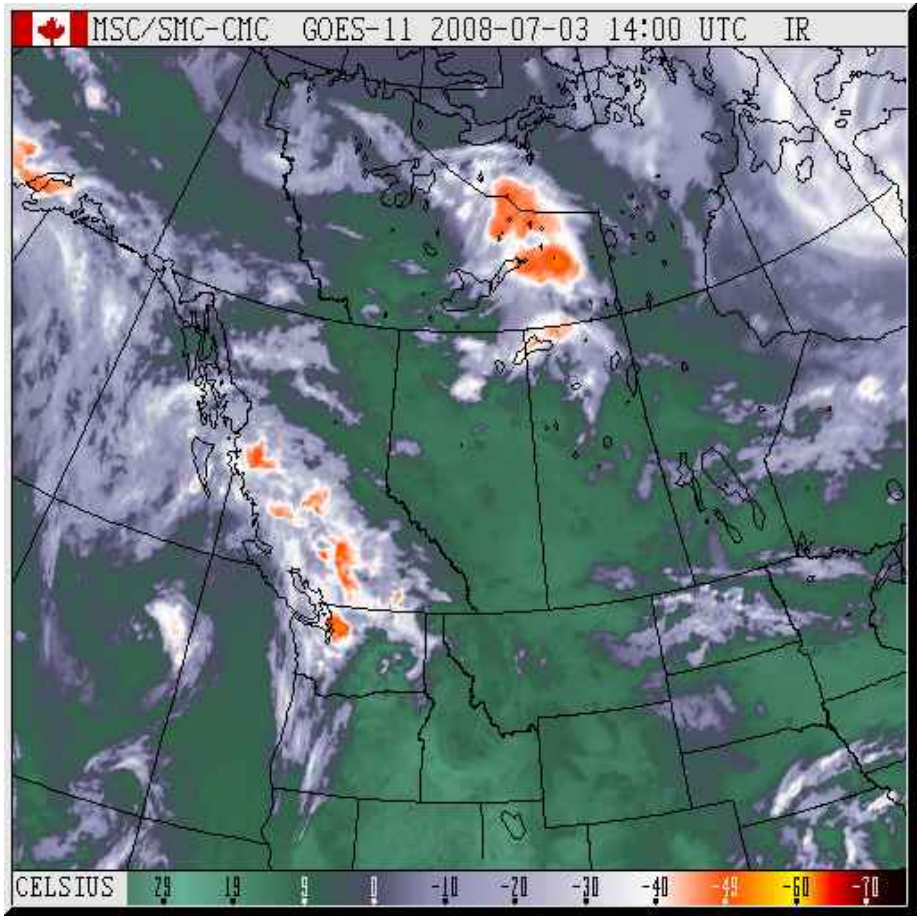
Current Weather

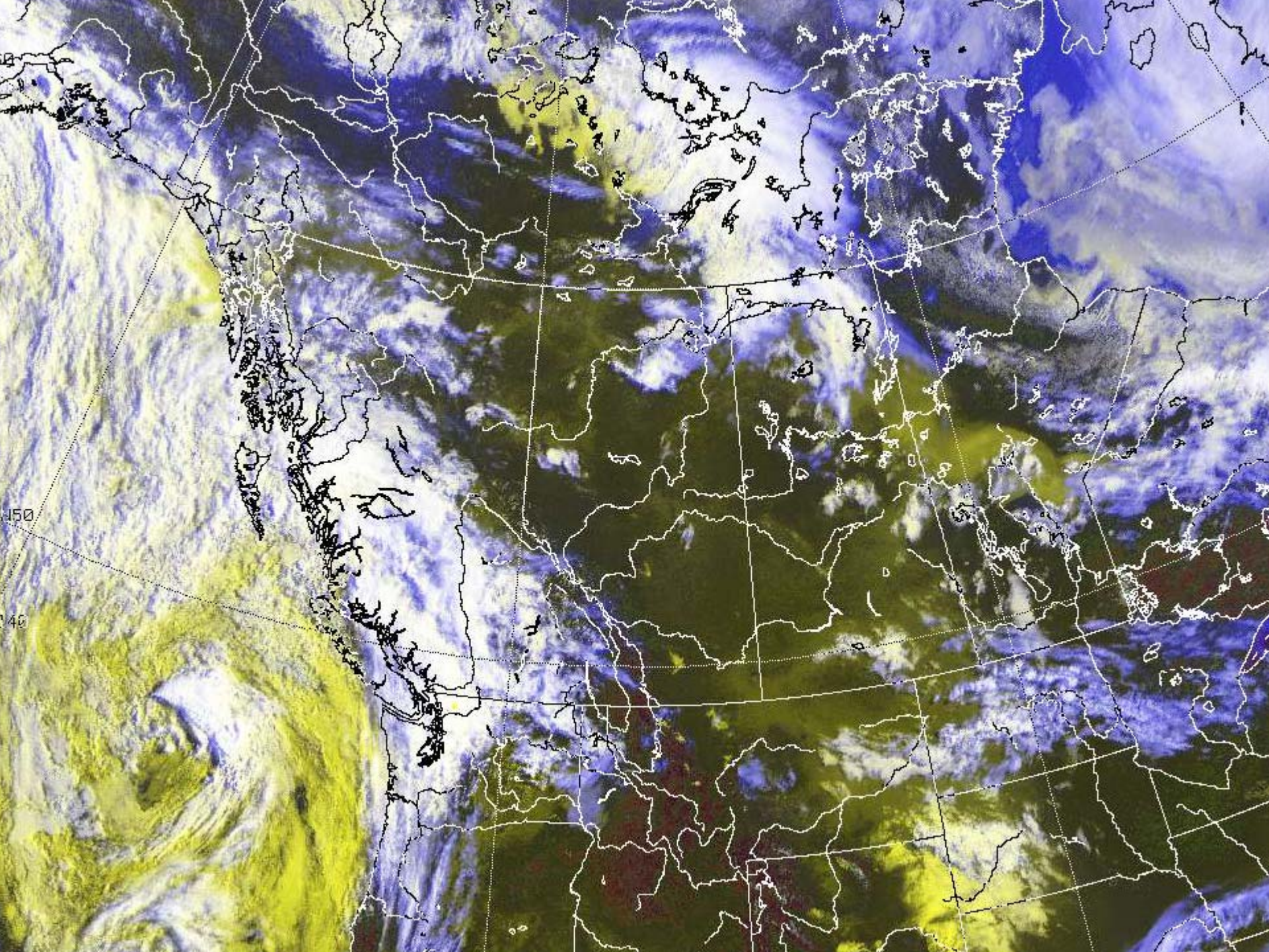
Satellite Imagery

Visible



Infrared



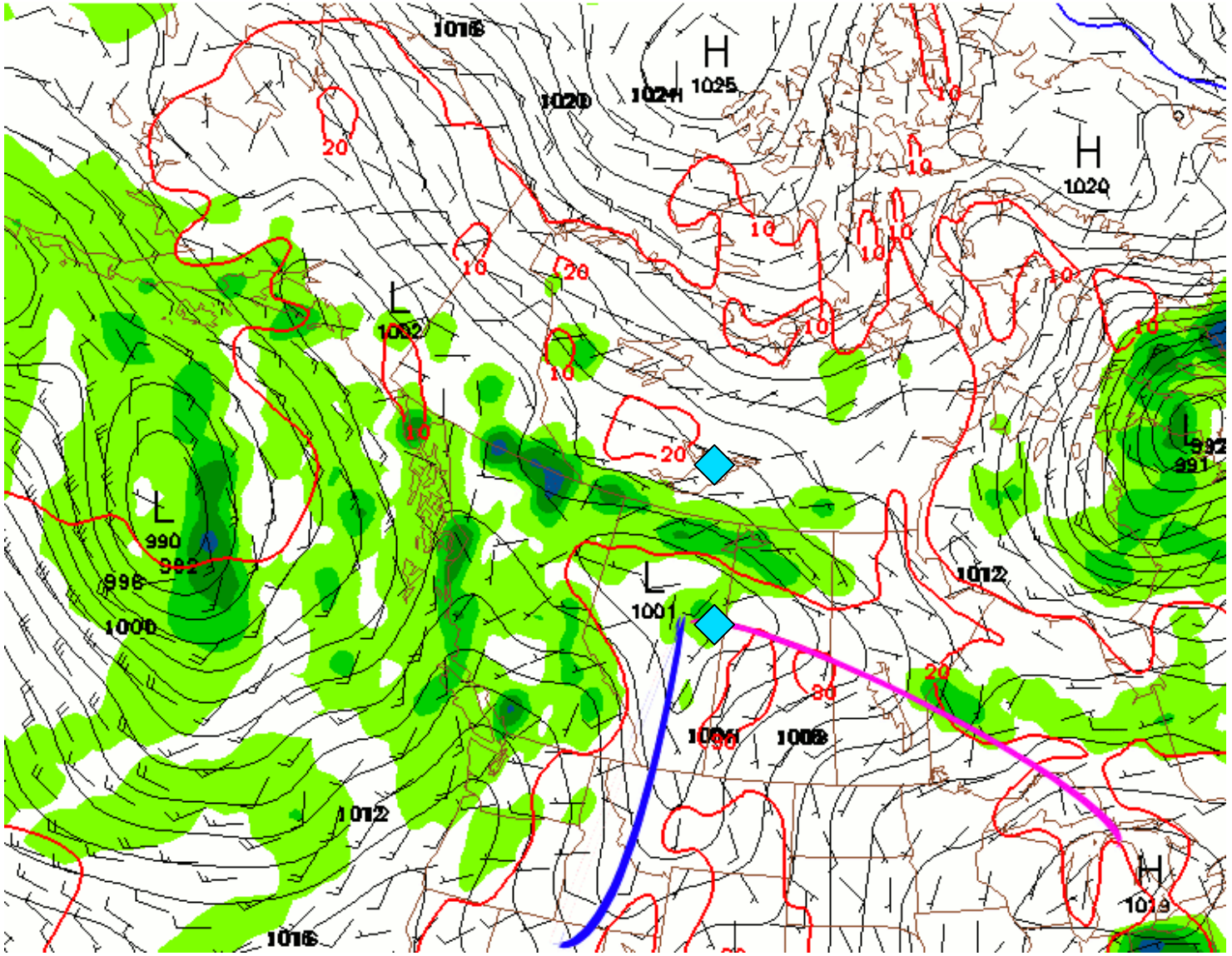


Friday

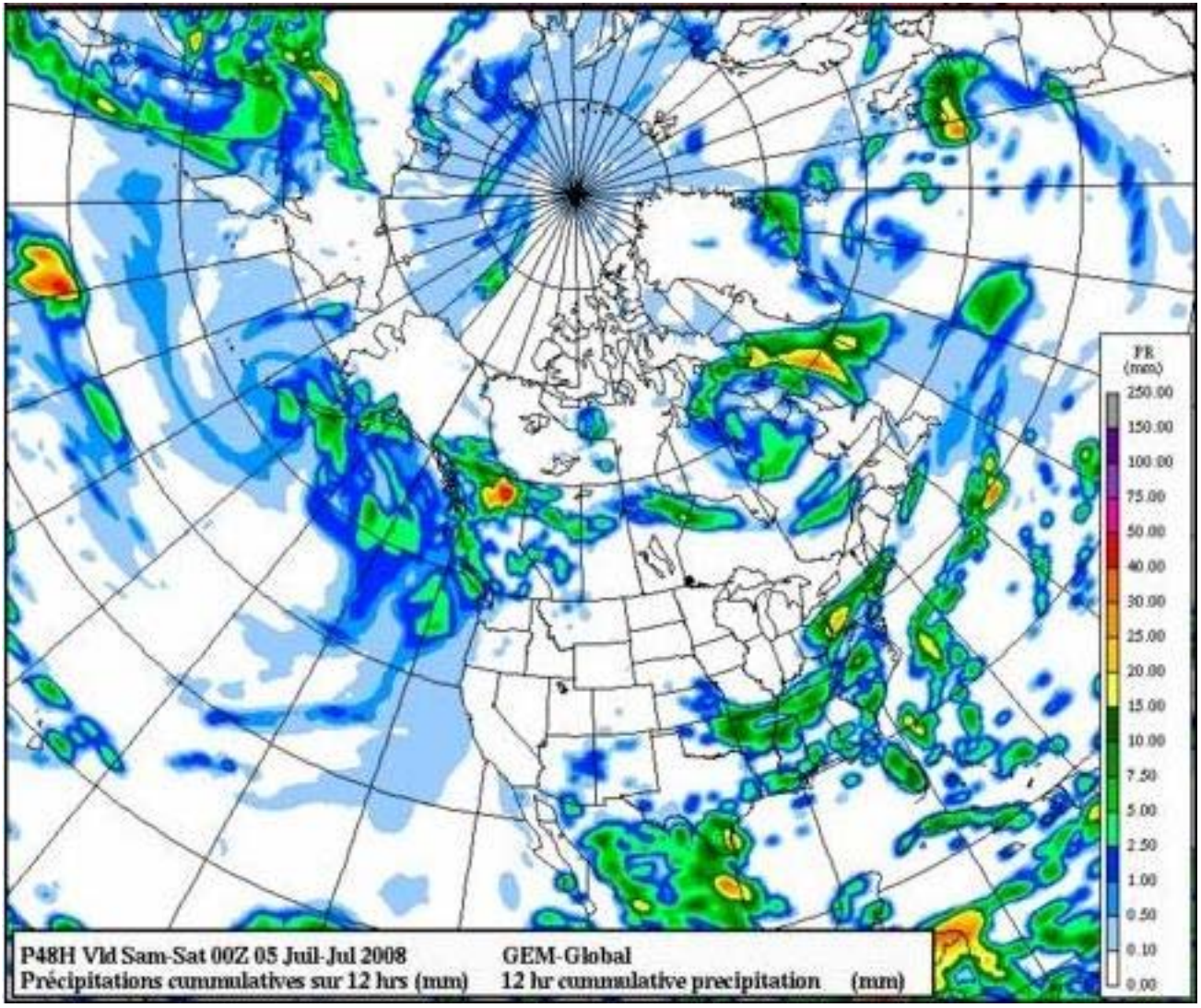
July 4th

1800 Z (Noon)

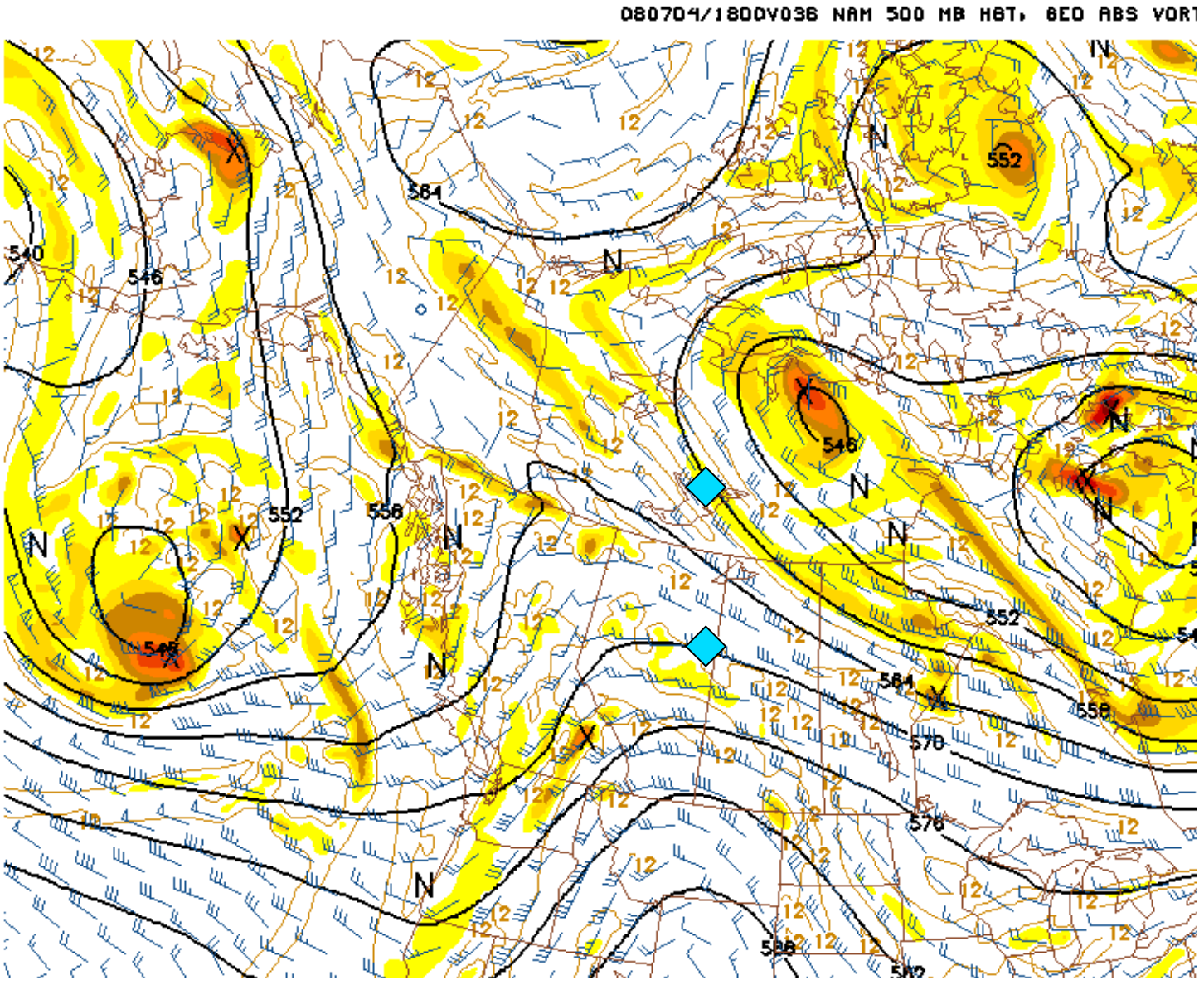
Friday Surface and Precip



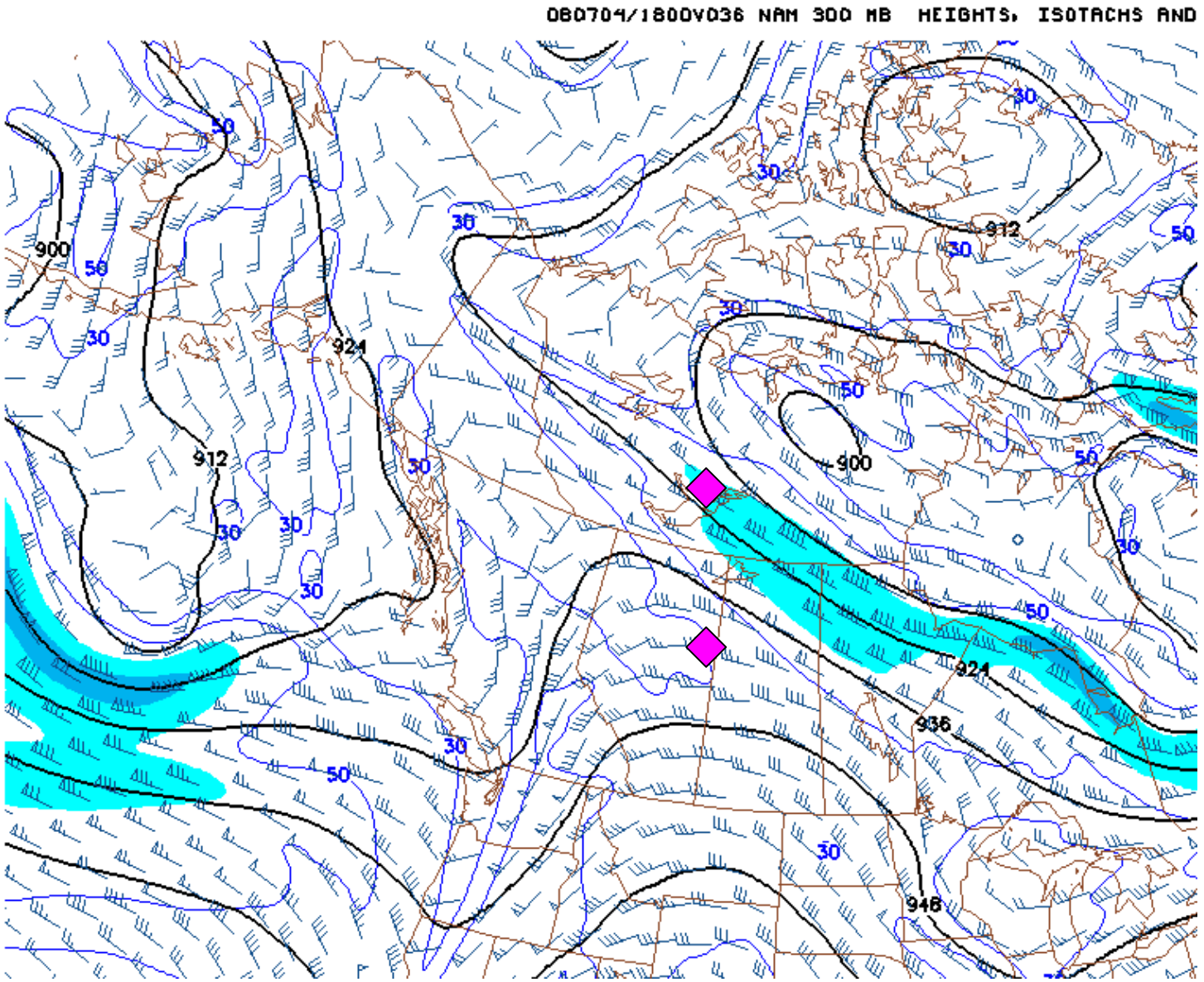
GEM Model Precip.



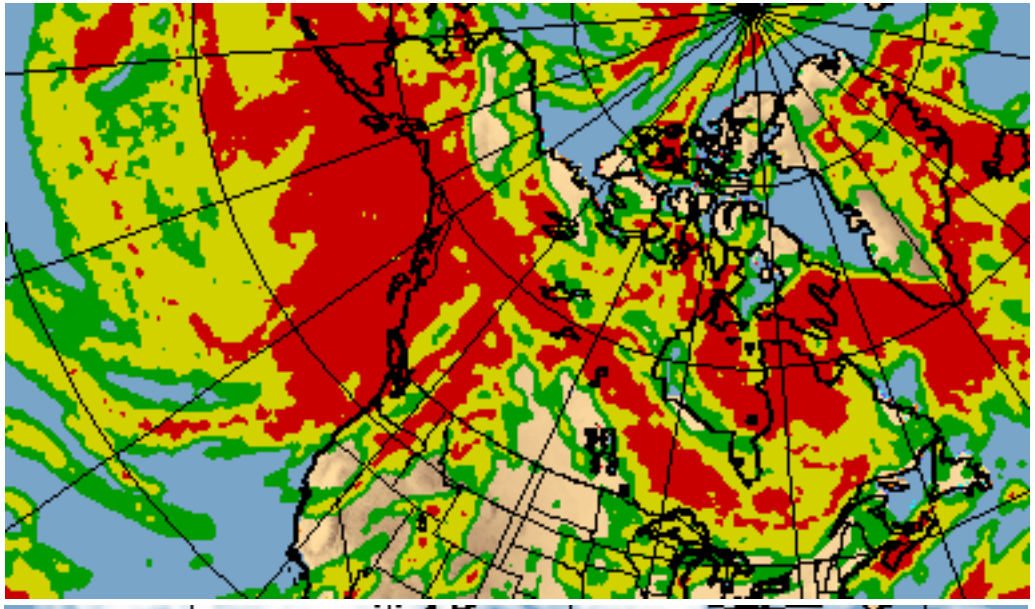
500 mb Heights and Vort.



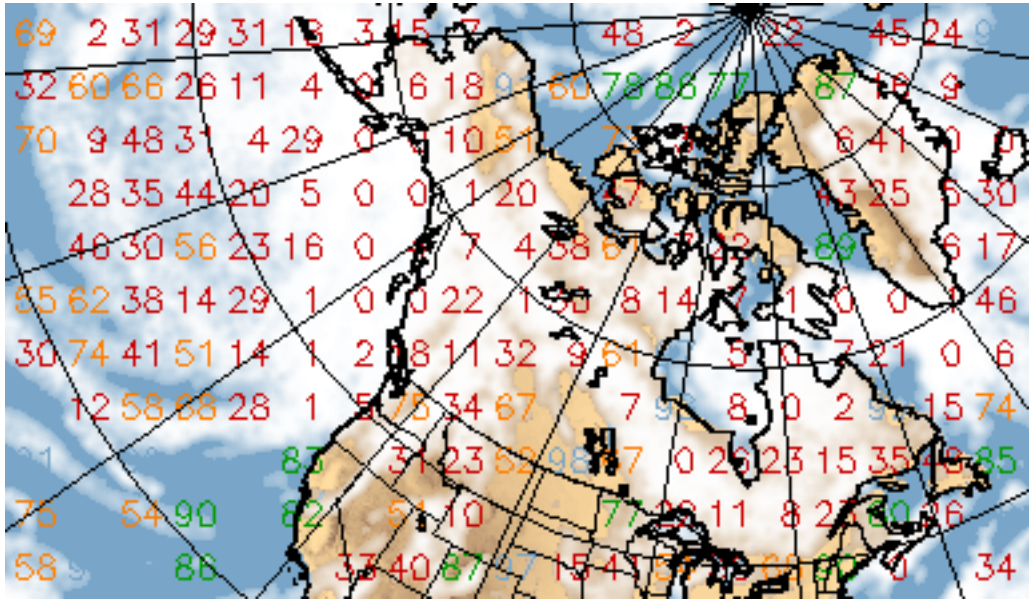
300 mb Heights and Vort.



Friday Cloud Cover

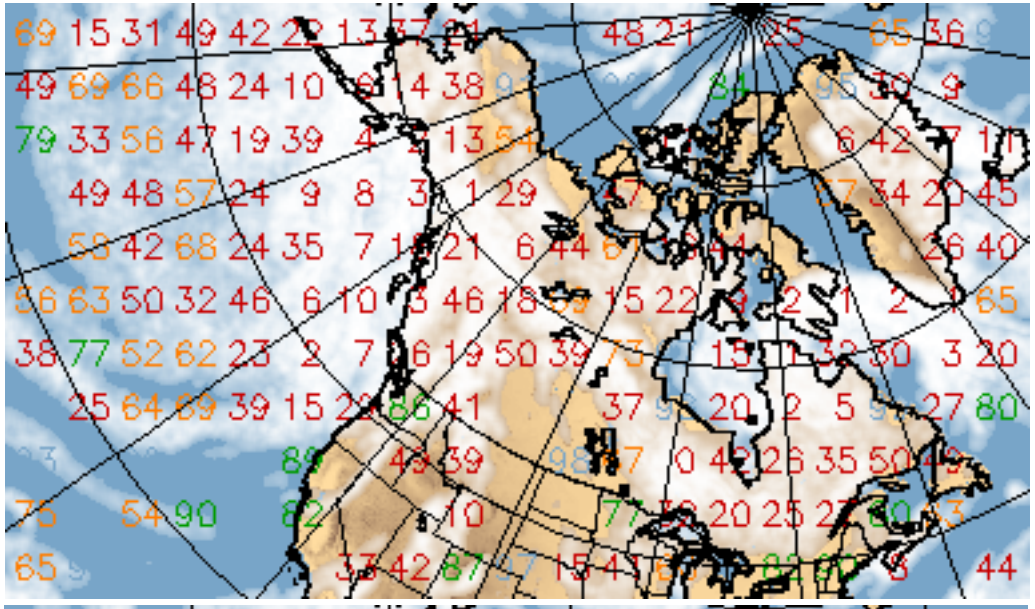


Total Cloud Cover

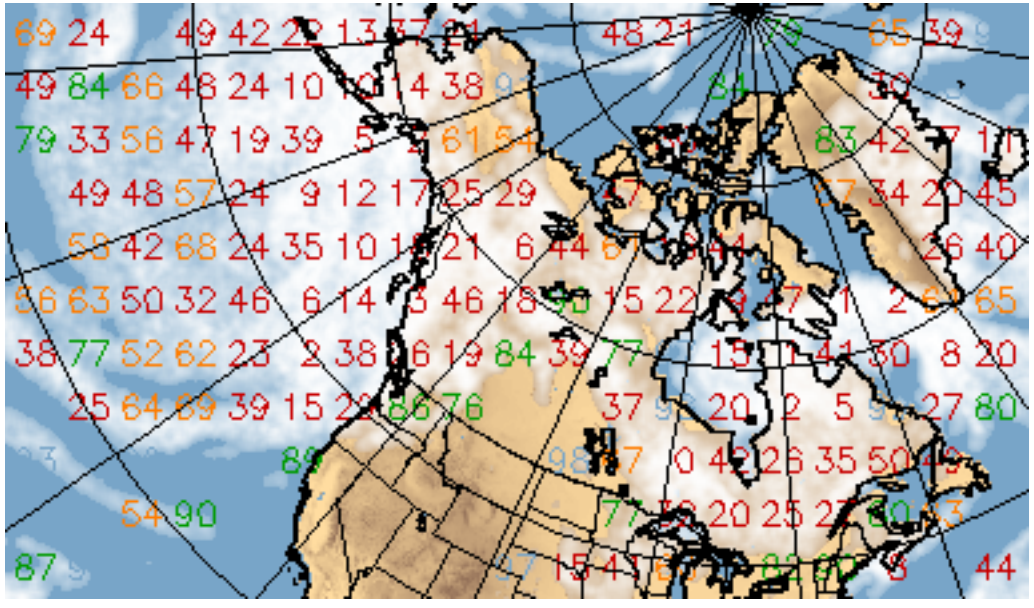


Surface to 300 mb

Friday Cloud Cover

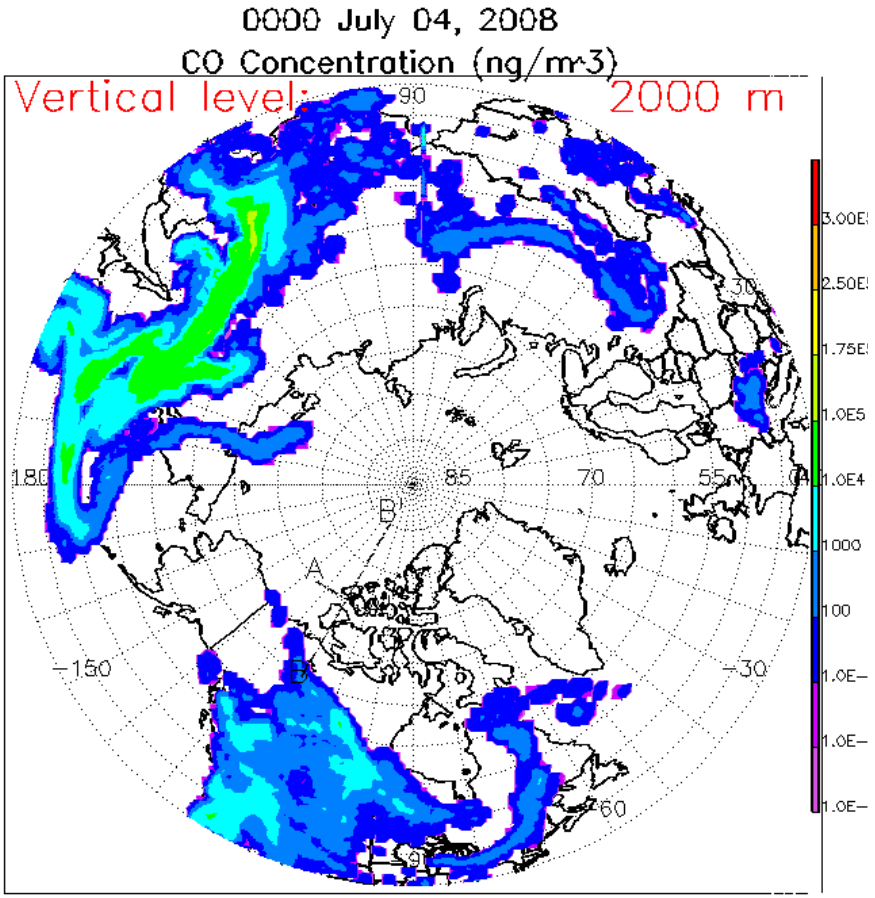


Surface to 500 mb

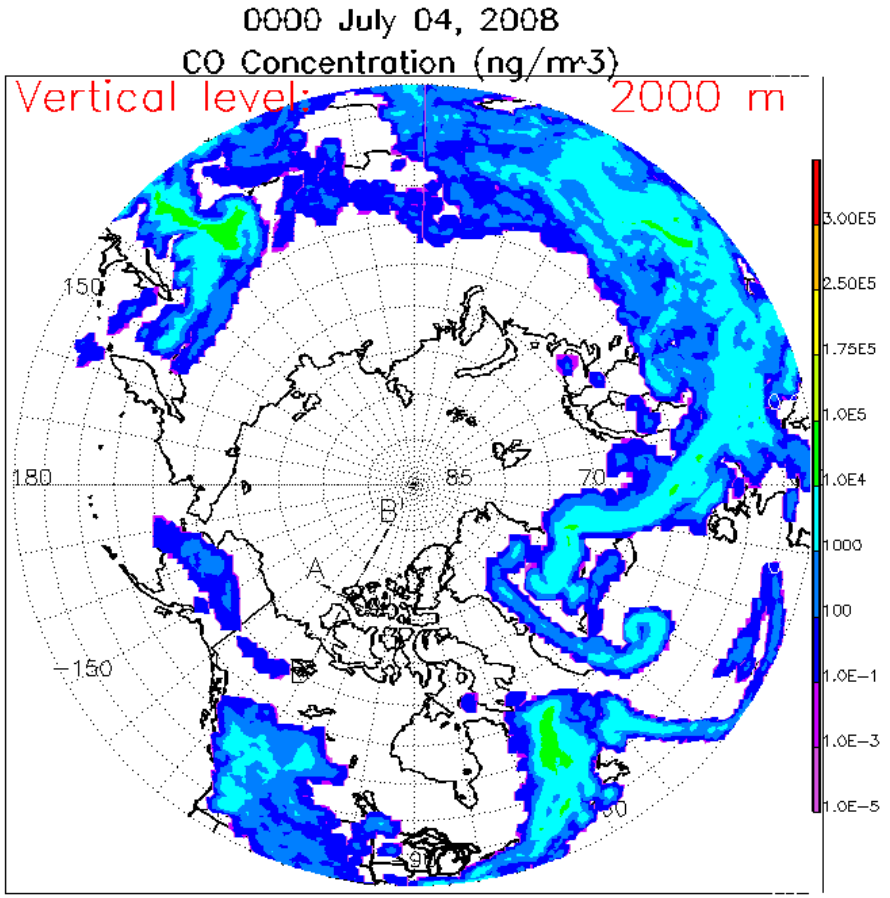


Surface to 700 mb

FLEXPART (2 km)

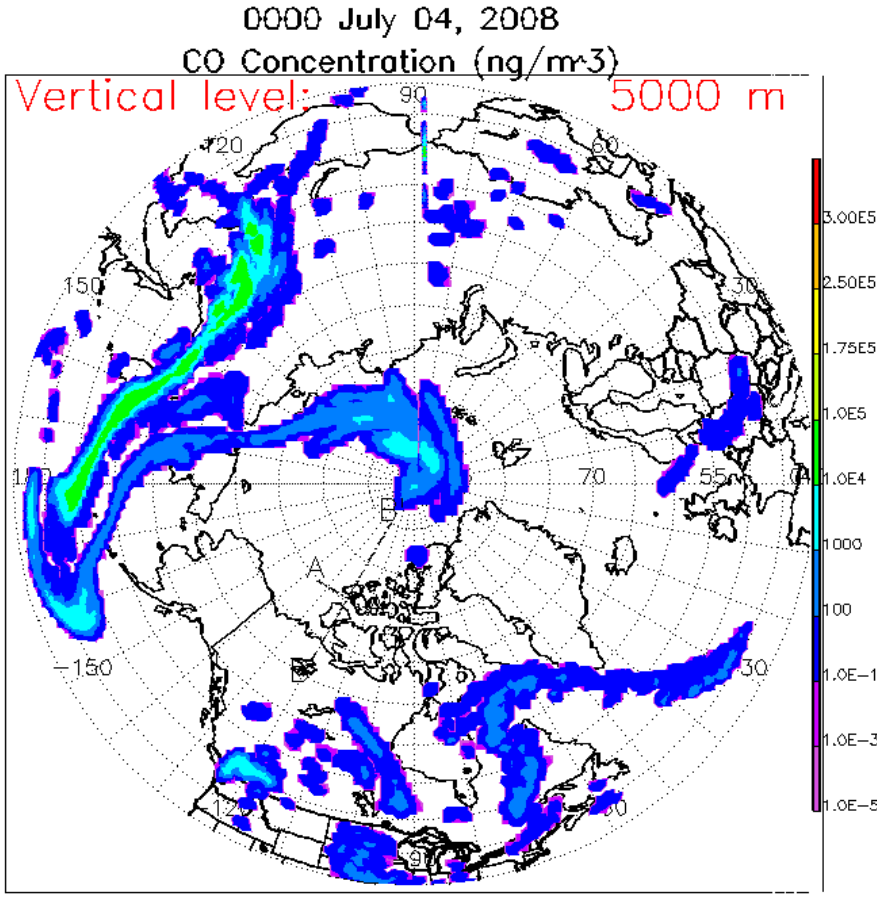


Fire (FLAMBE)

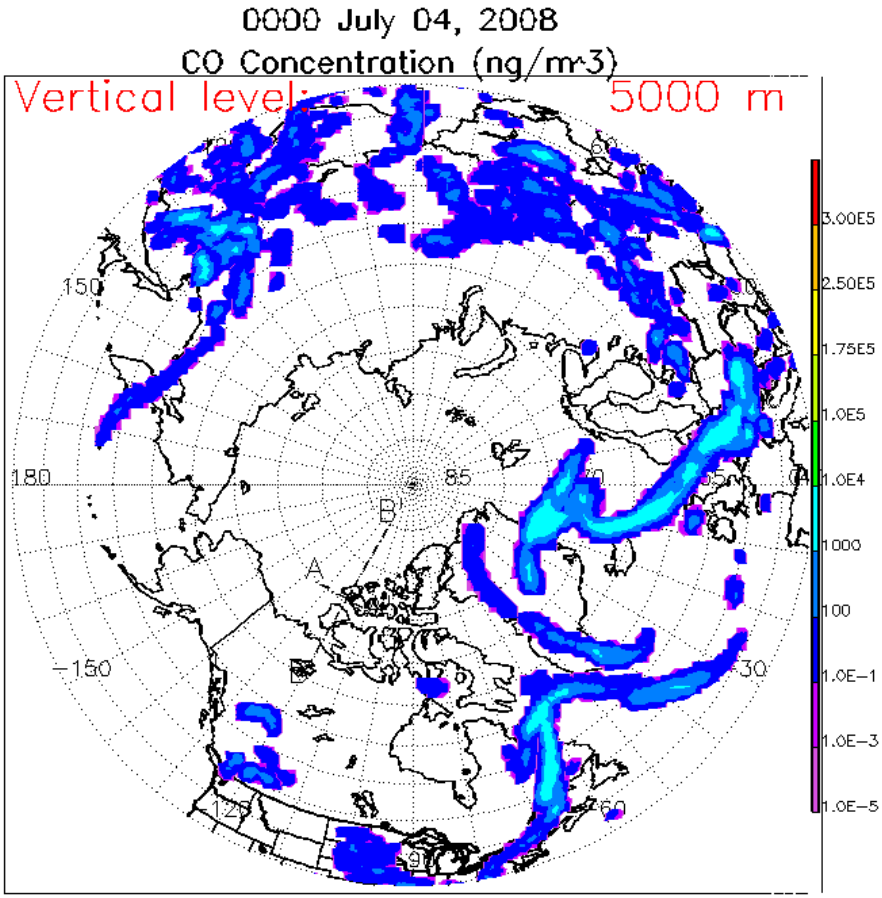


Anthropogenic

FLEXPART (5 km)

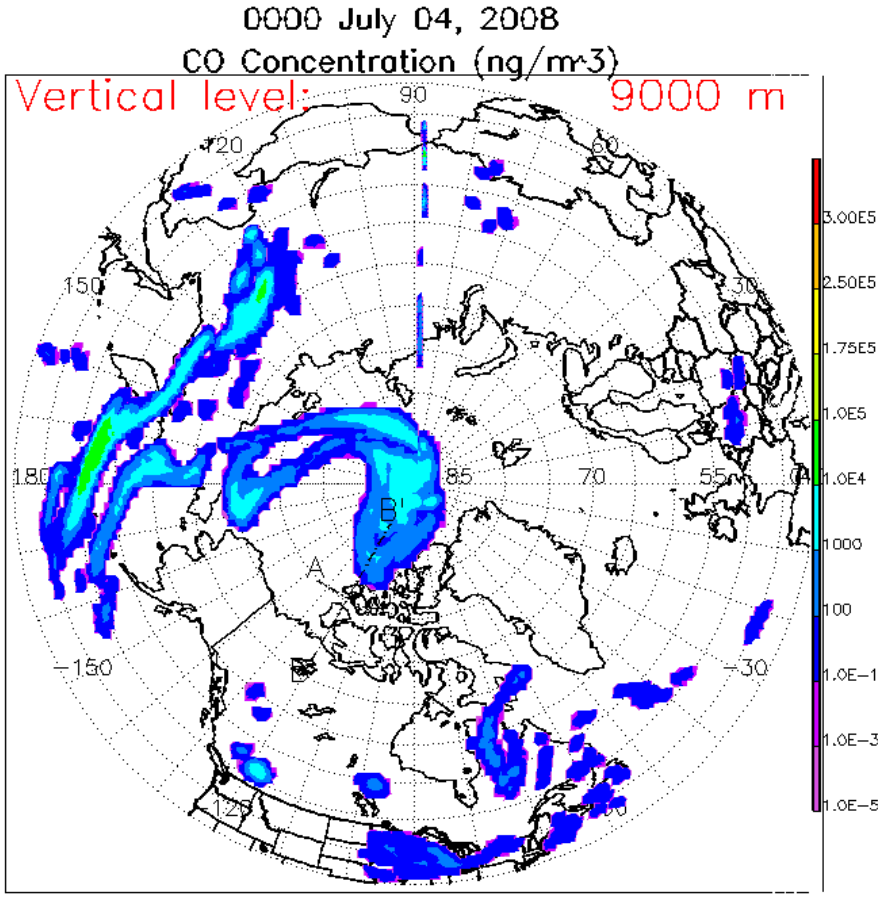


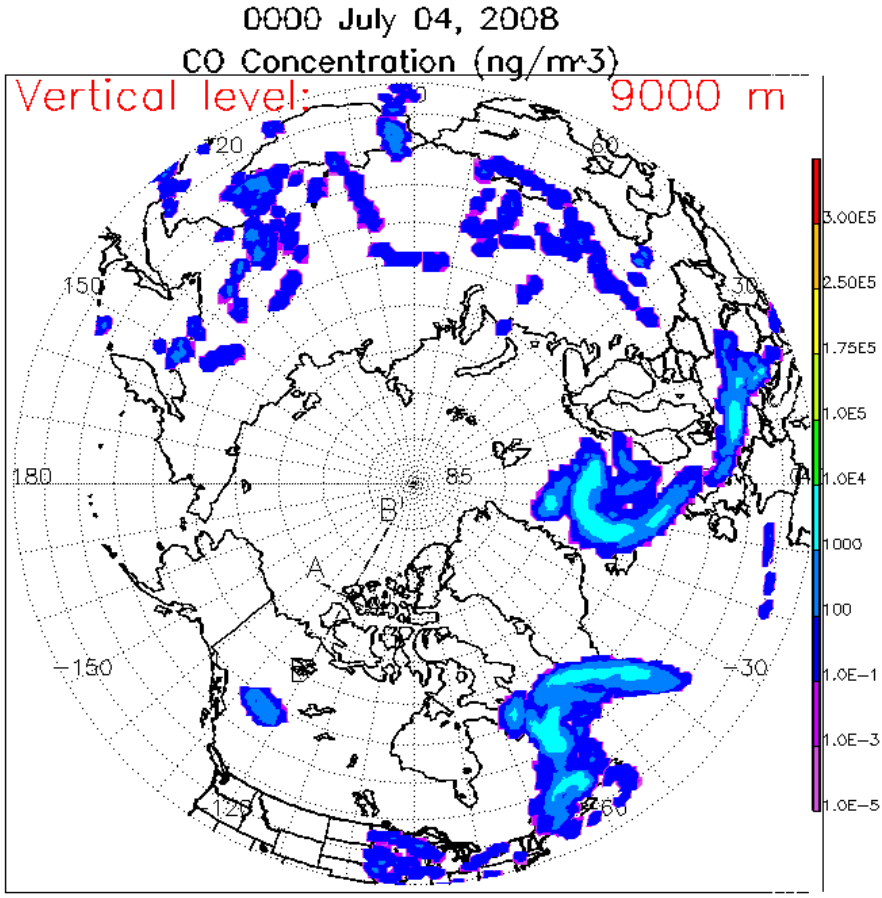
Fire (FLAMBE)



Anthropogenic

FLEXPART (9 km)

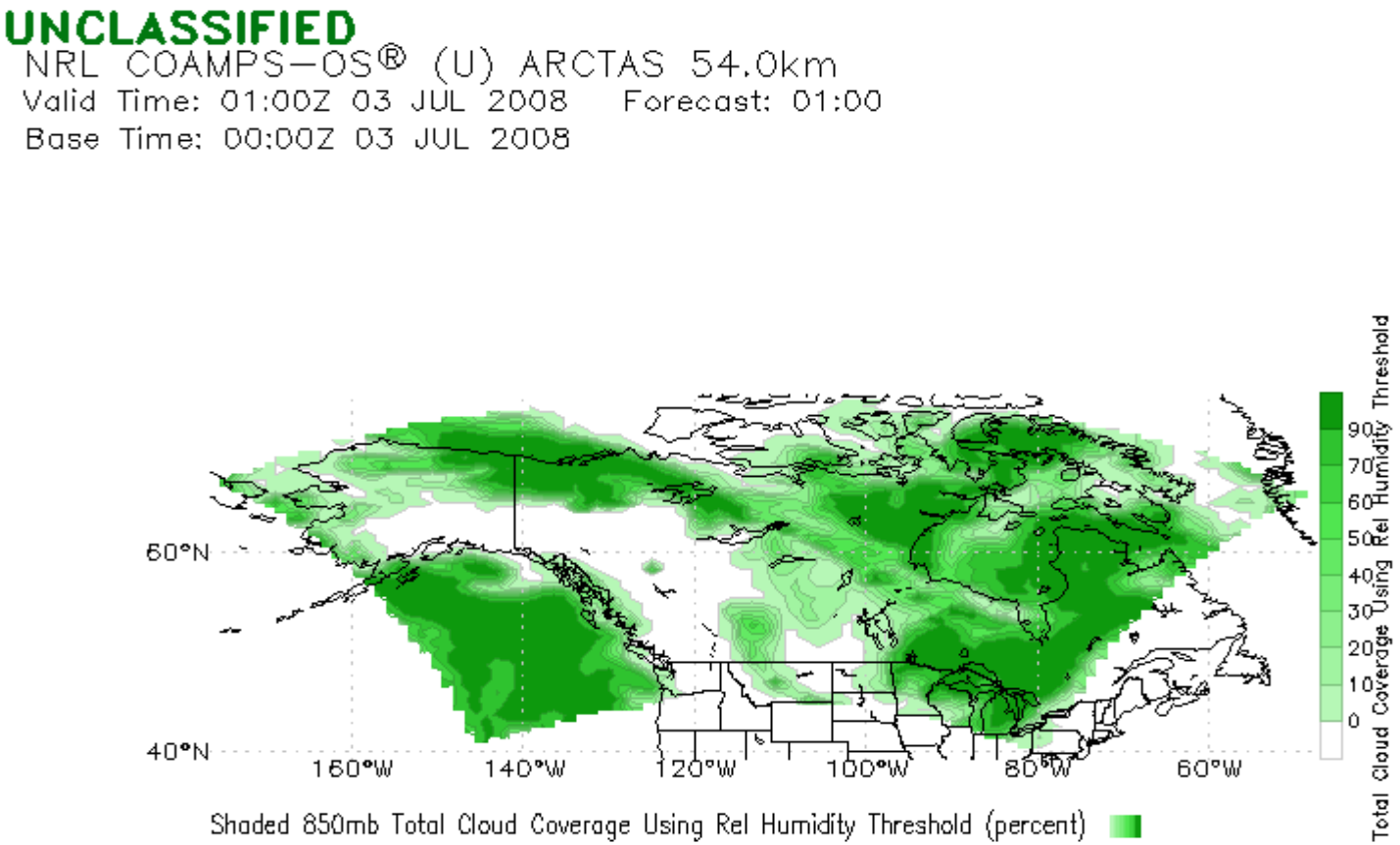




Fire (FLAMBE)

Anthropogenic

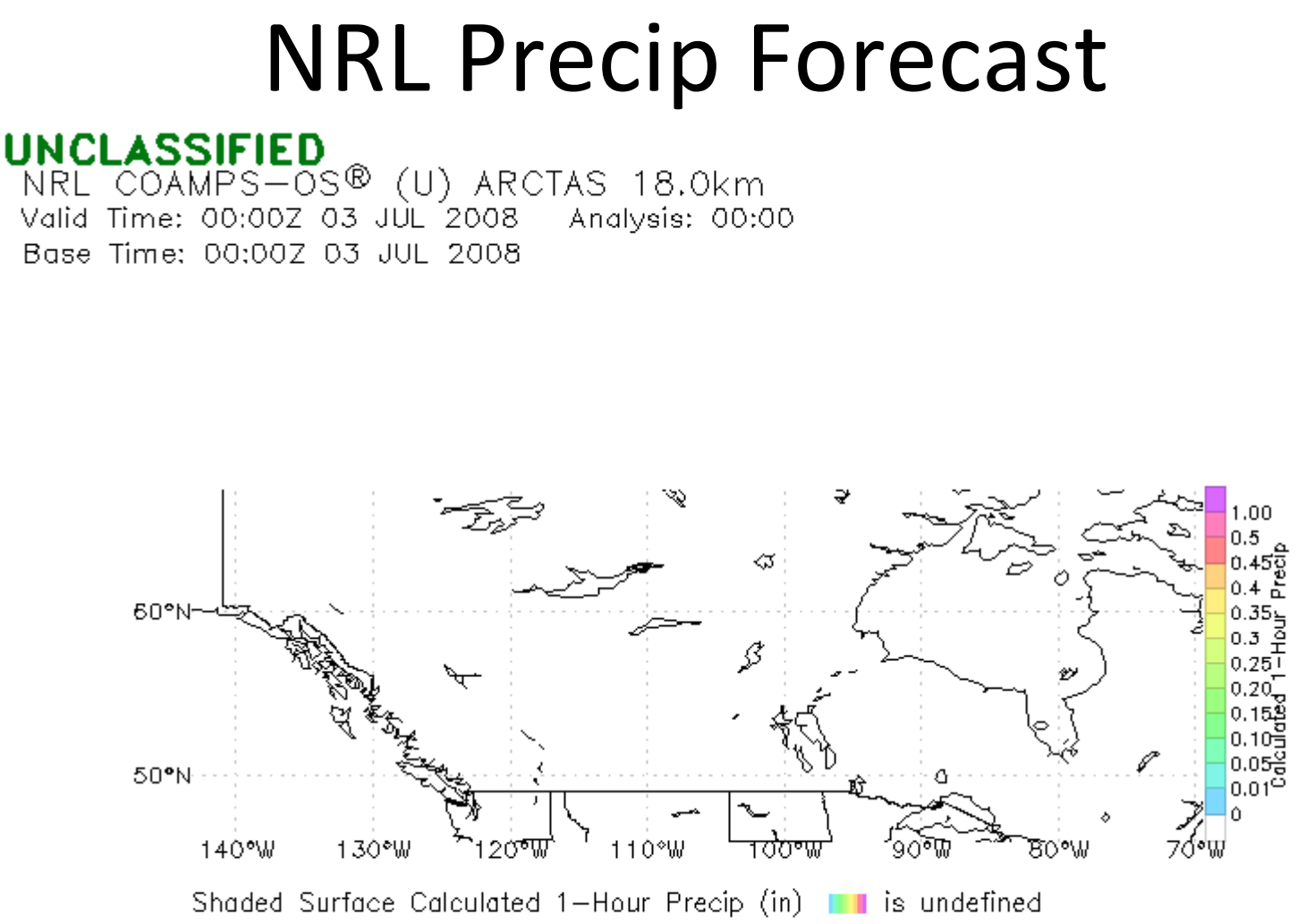
NRL Cloud Forecast



UNCLASSIFIED

NRL Precip Forecast

UNCLASSIFIED



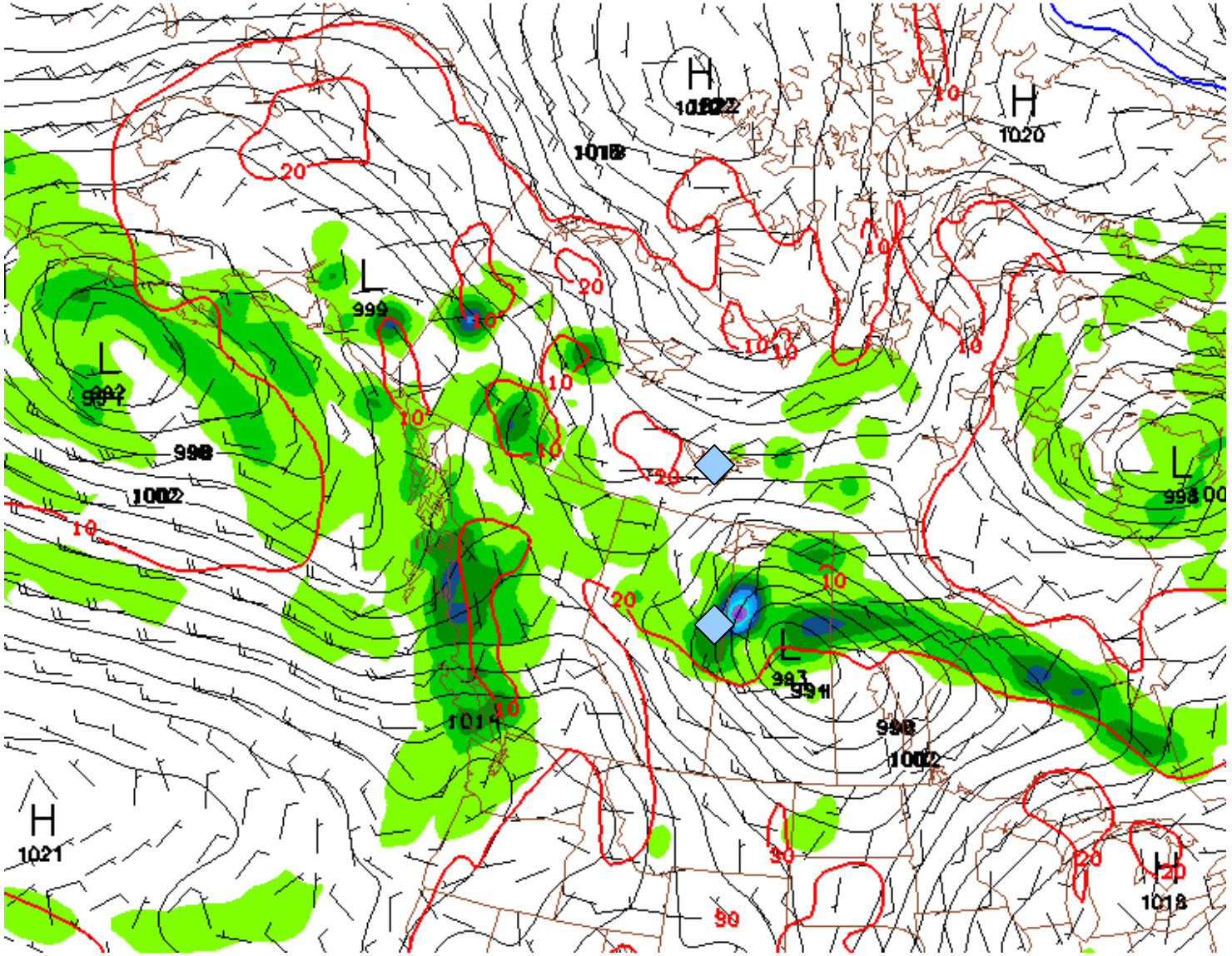
UNCLASSIFIED

Saturday

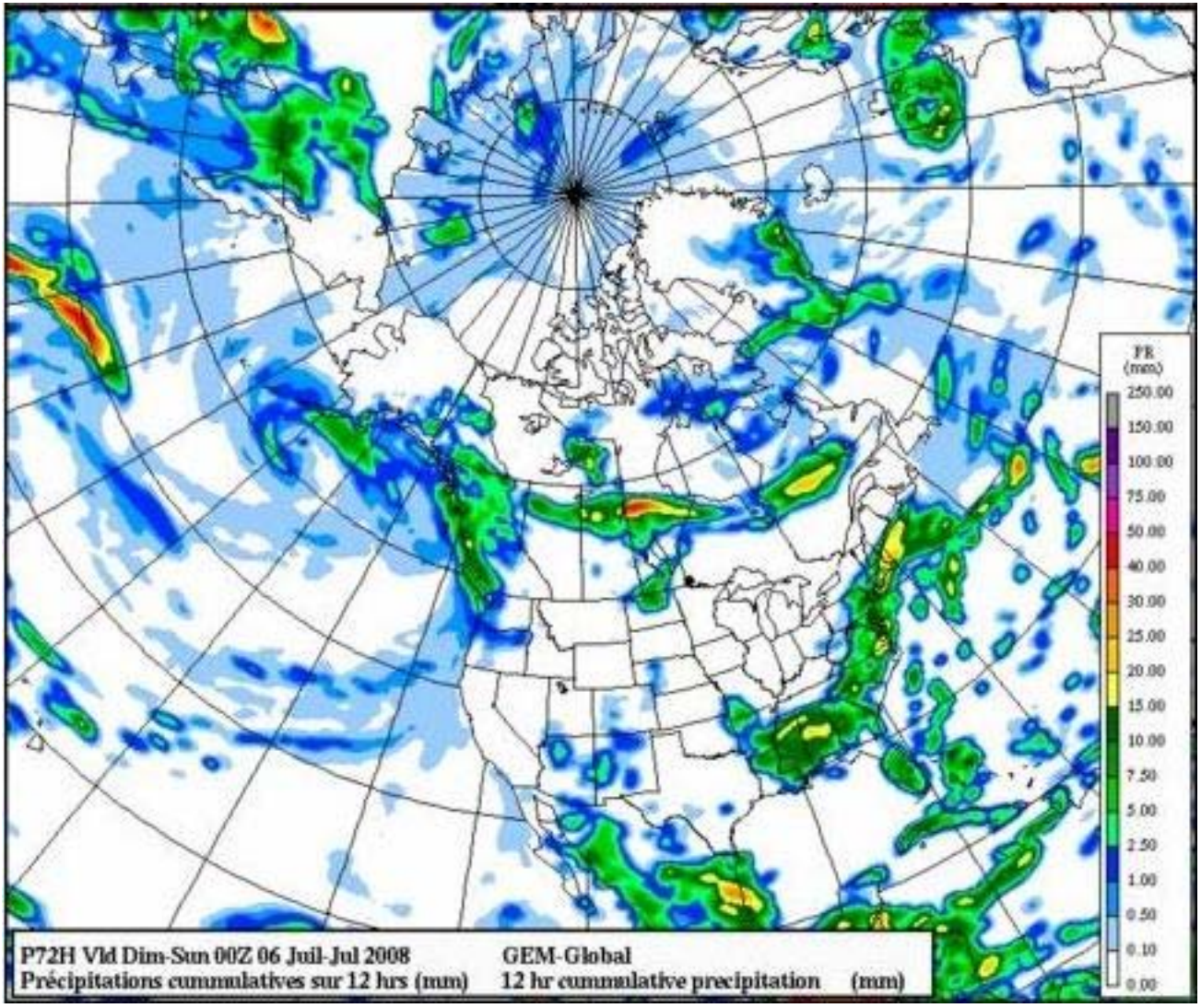
July 5th

1800 Z (Noon)

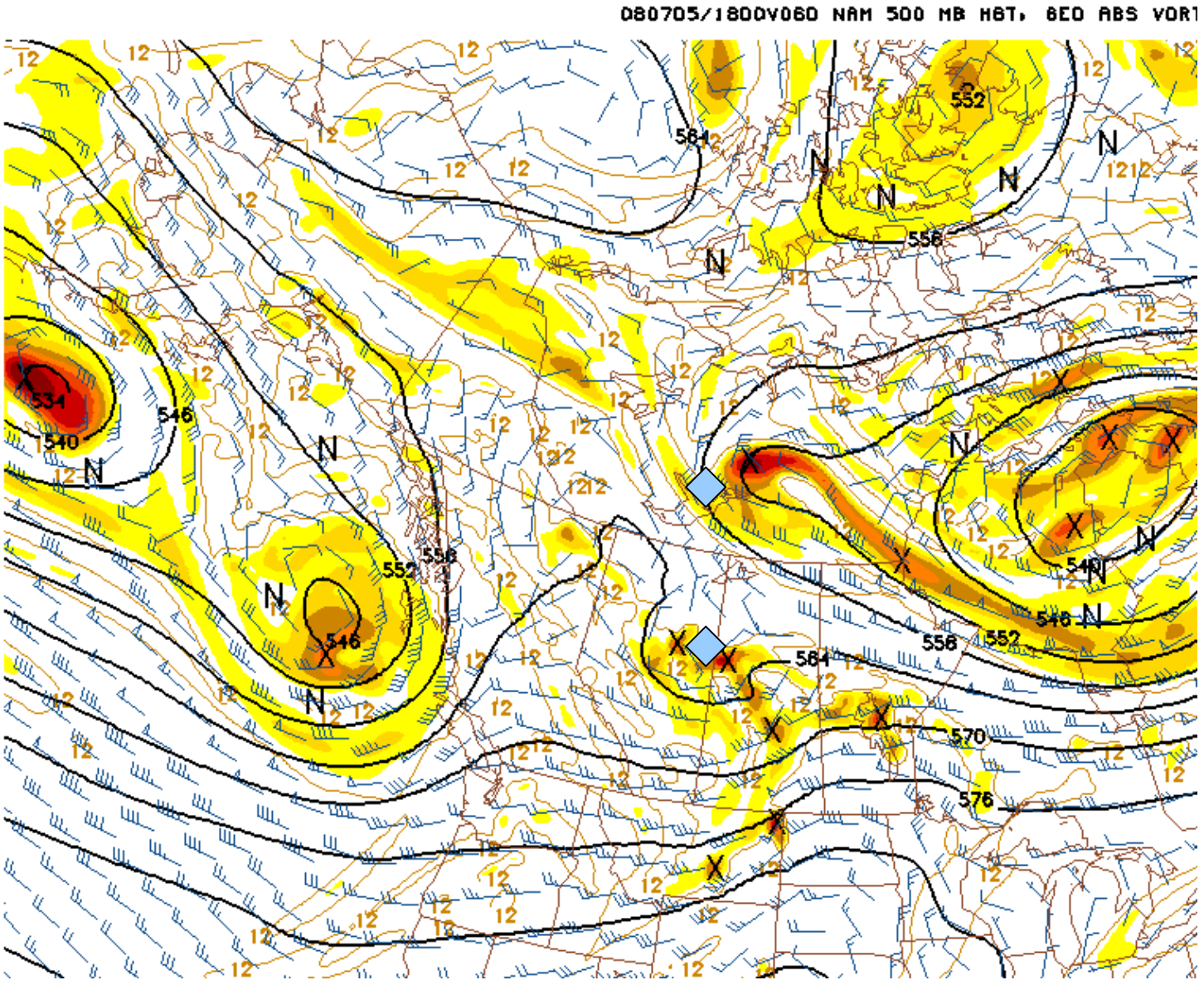
Saturday Surface and Precip



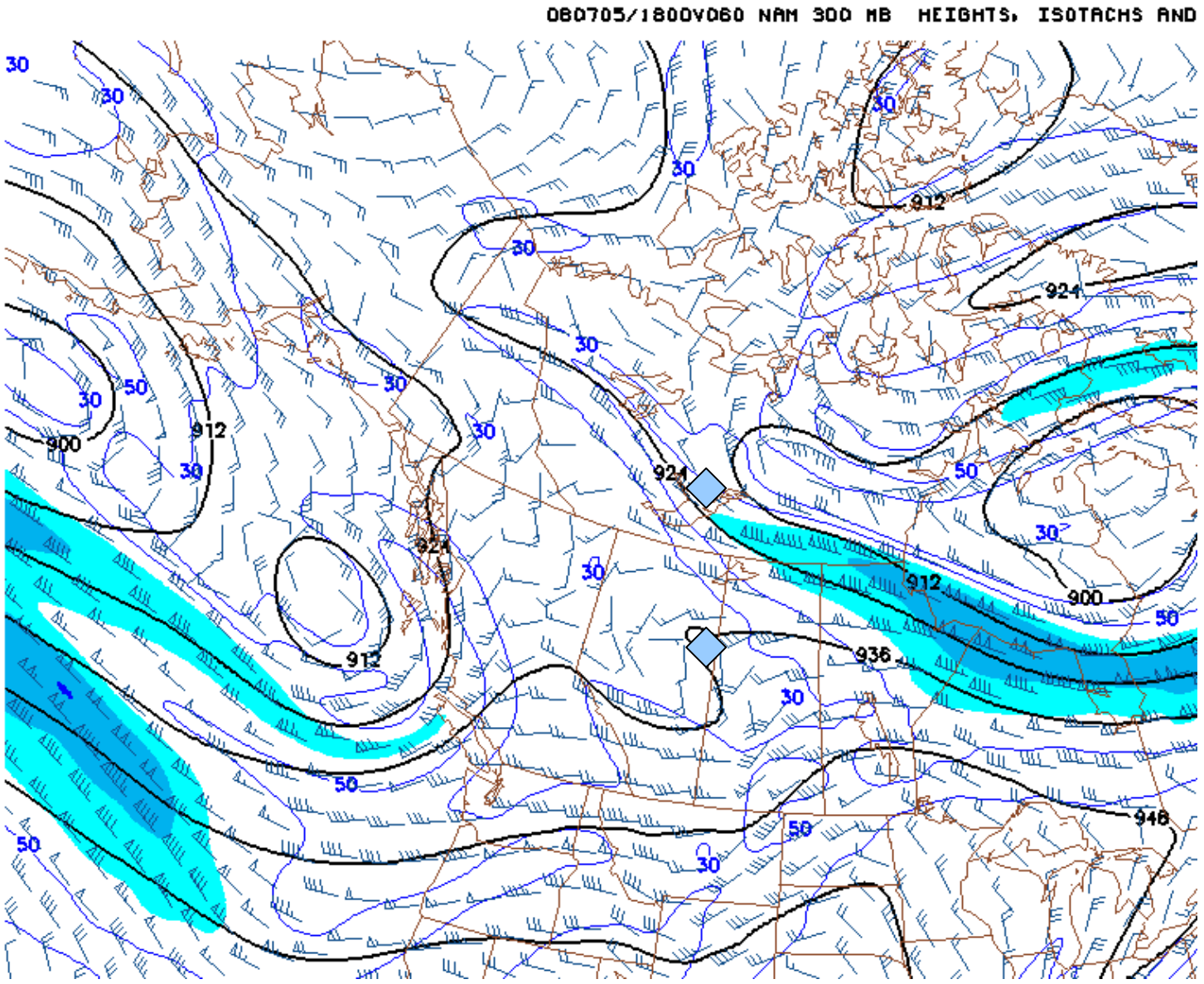
GEM Model Precip.



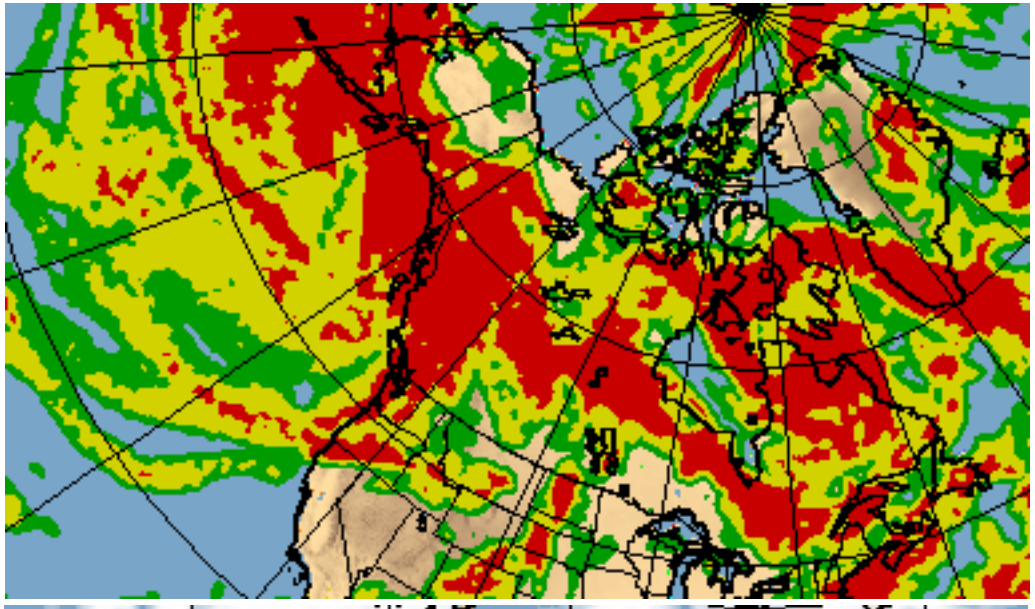
500 mb Heights and Vort.



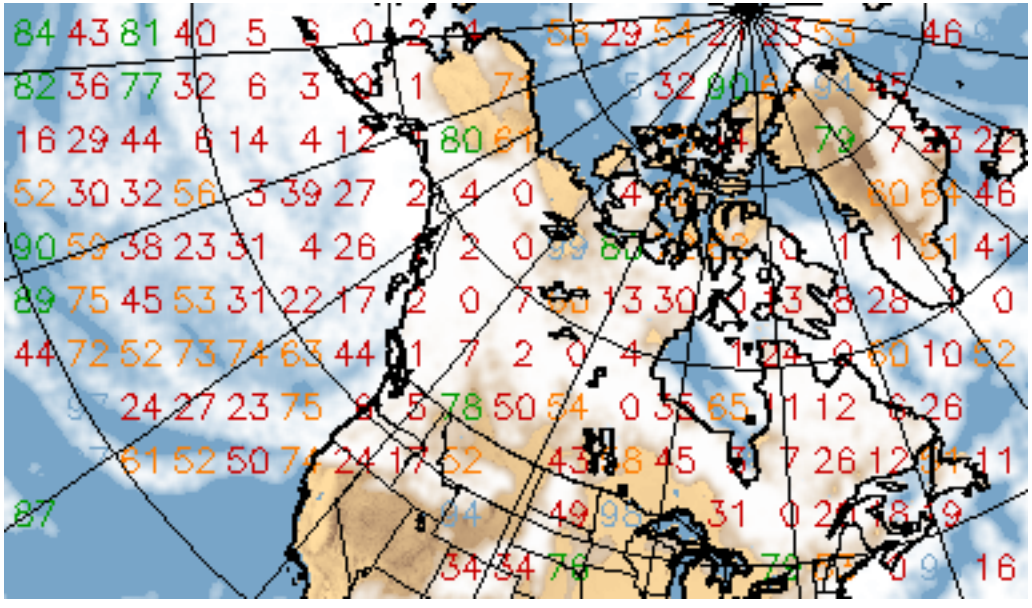
300 mb Heights and Vort.



Saturday Cloud Cover

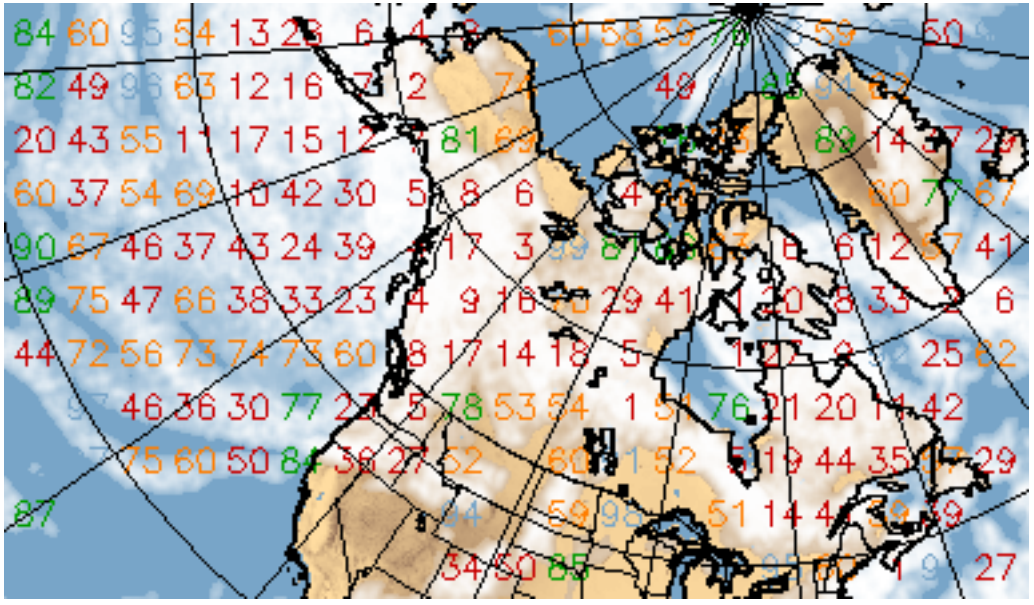


Total Cloud Cover

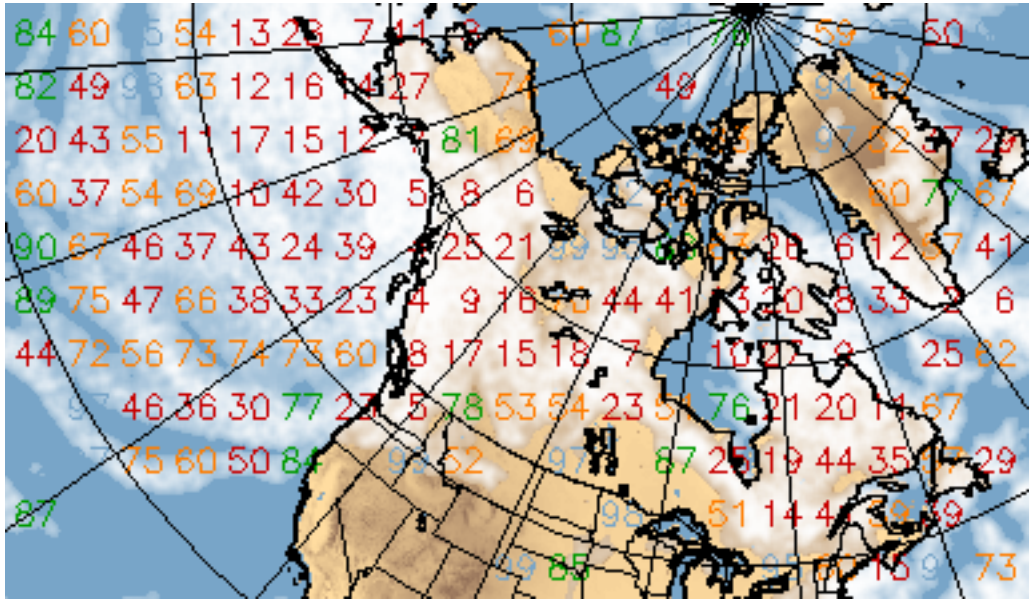


Surface to 300 mb

Saturday Cloud Cover



Surface to 500 mb



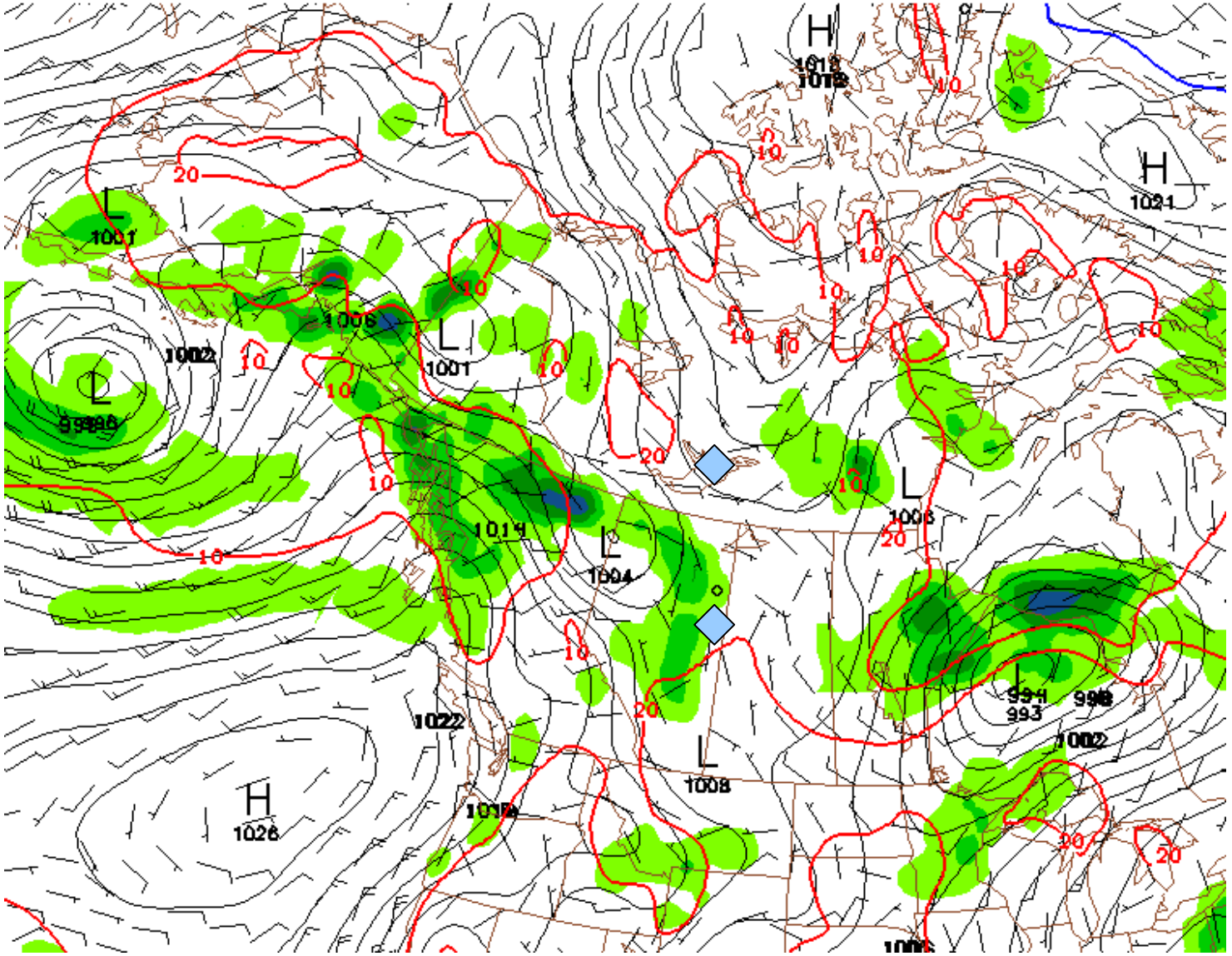
Surface to 700 mb

Sunday

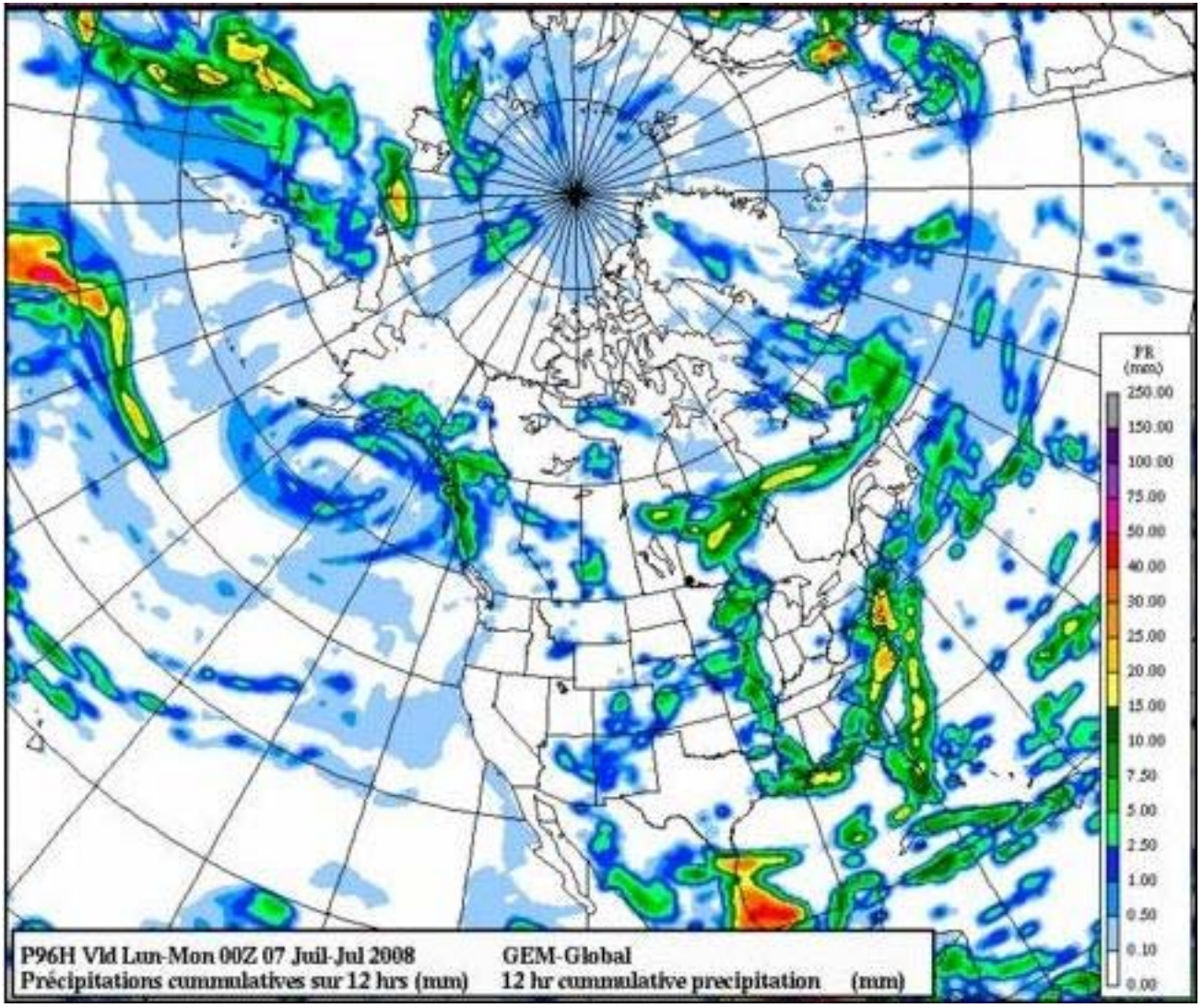
July 6th

1800 Z (Noon)

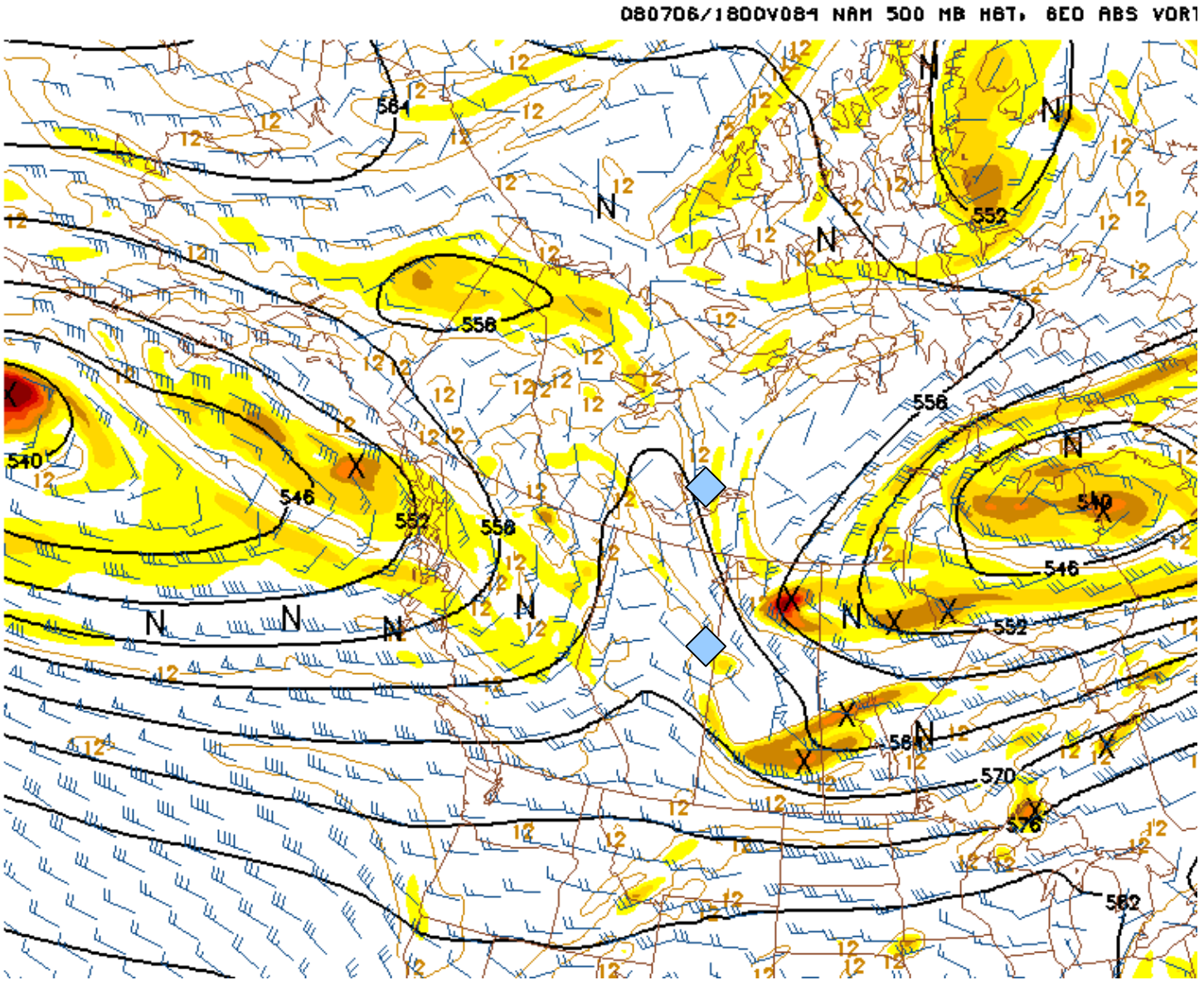
Sunday Surface and Precip



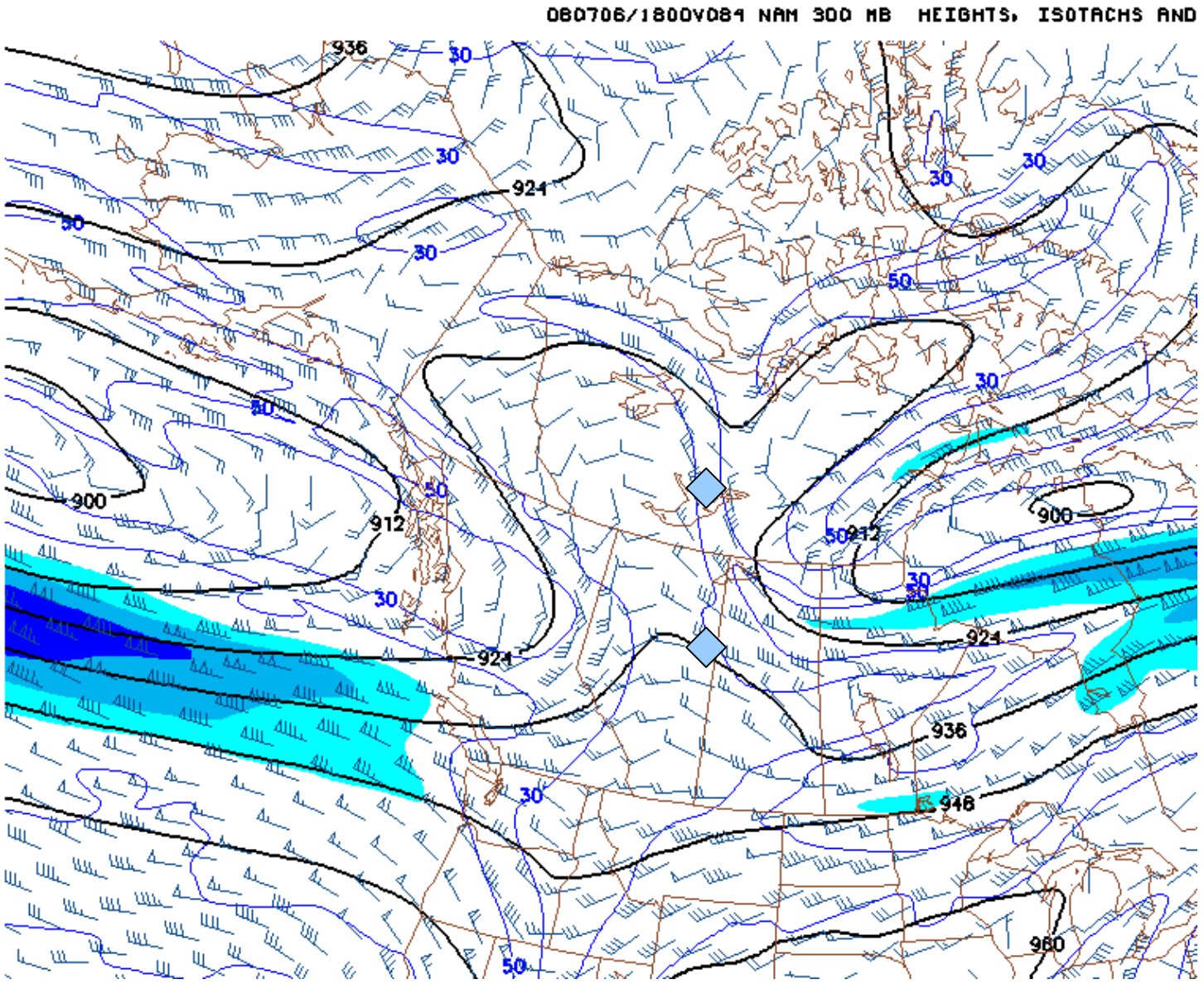
GEM Model Precip.



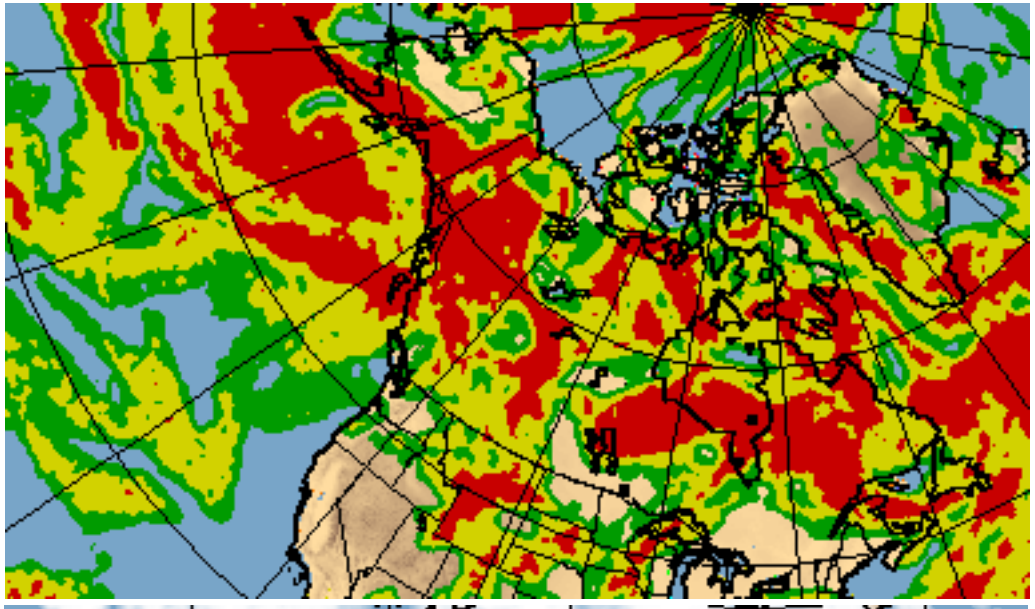
500 mb Heights and Vort.



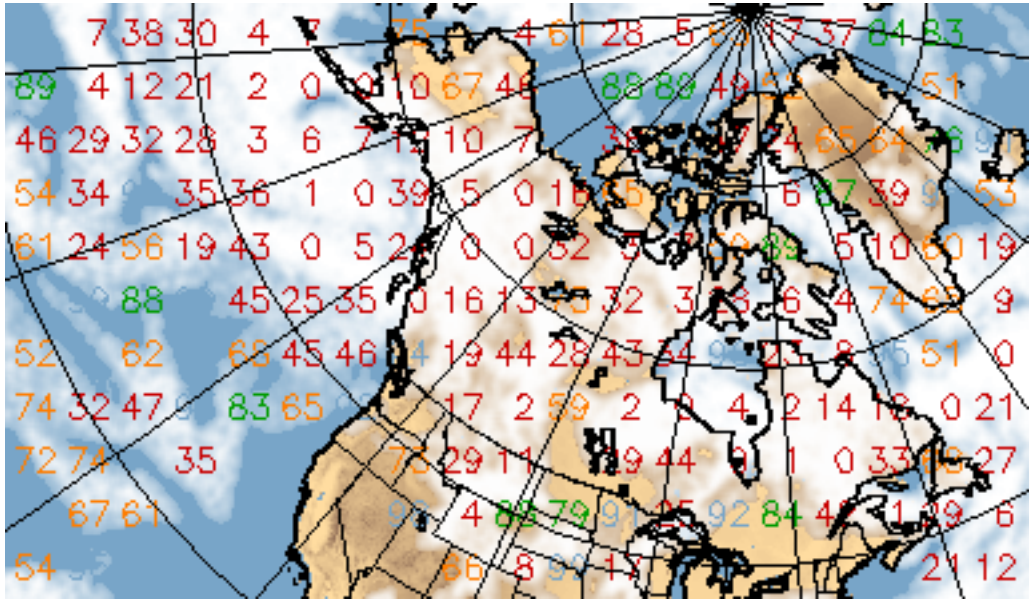
300 mb Heights and Vort.



Sunday Cloud Cover

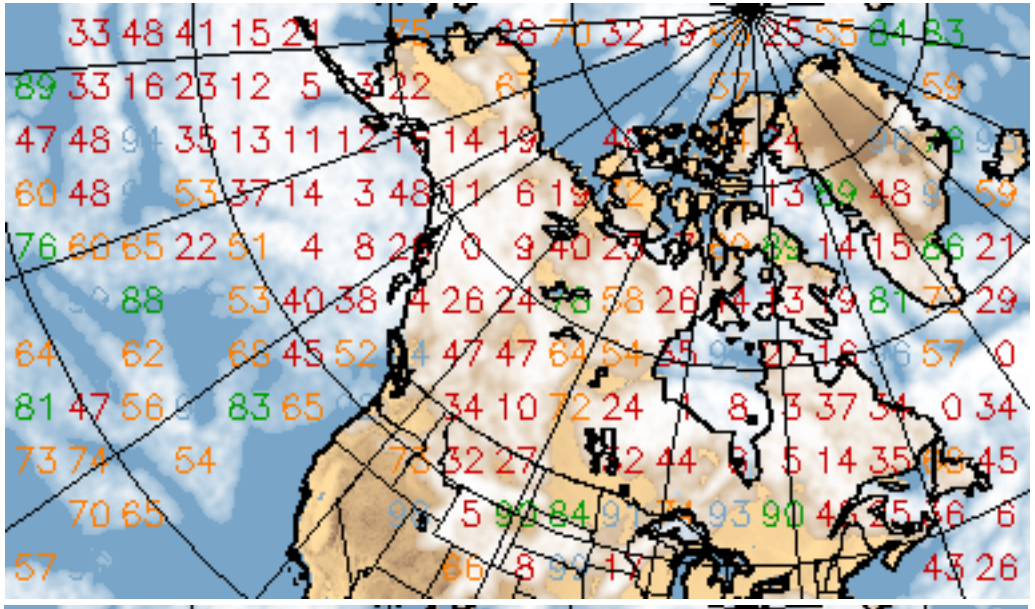


Total Cloud Cover

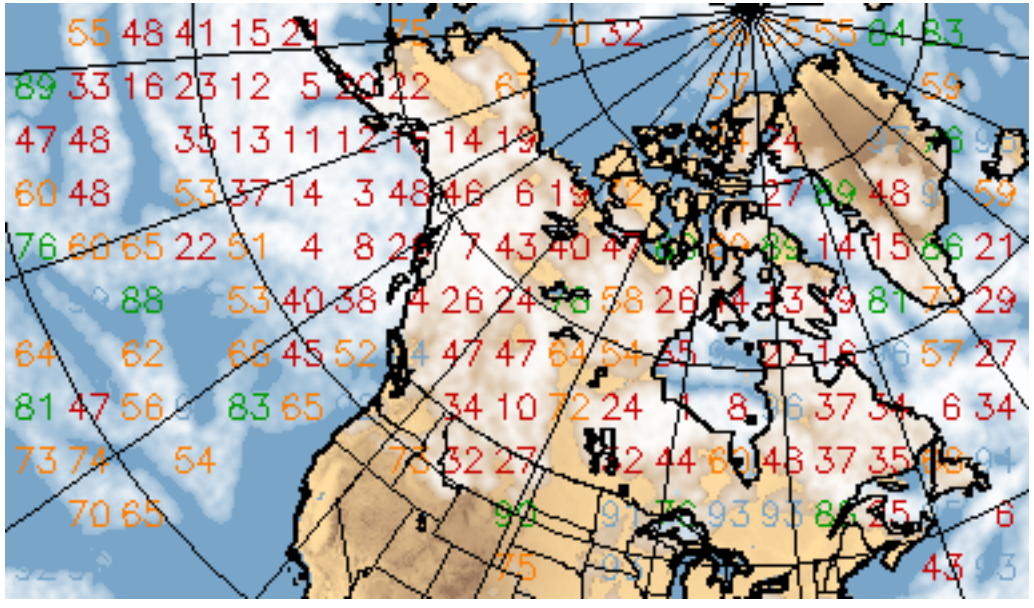


Surface to 300 mb

Sunday Cloud Cover

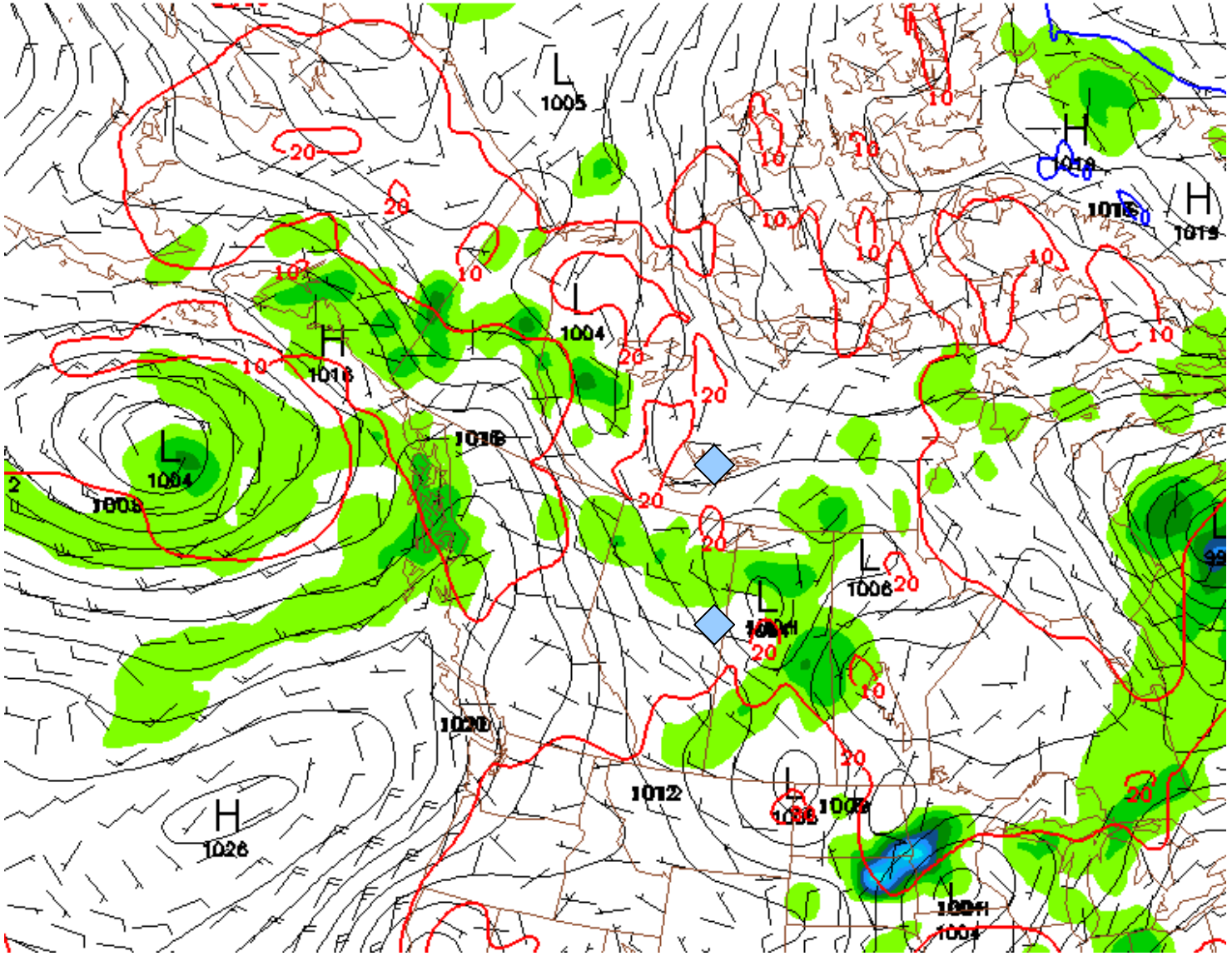


Surface to 500 mb



Surface to 700 mb

A Peek at Monday



Cold Lake Forecast

Environment Canada Environnement Canada

- **Today:** Sunny. Fog patches dissipating early this morning. High 26. UV index 7 or high.
- **Tonight:** Clear. Low 16.
- **Friday:** A mix of sun and cloud. 60 percent chance of showers in the evening. Risk of a thunderstorm. Wind becoming south 20 km/h in the afternoon then west 30 in the evening. High 30.
- **Saturday:** Sunny. Low 15. High 26.
- **Sunday:** A mix of sun and cloud. Low 14. High 25.
- **Monday:** A mix of sun and cloud. Low 12. High 20.

Yellowknife Forecast

Environment Canada Environnement Canada

- **Today:** A few showers ending early this morning then clearing. High 24. UV index 6 or high.
- **Tonight:** A few clouds. Low 13.
- **Friday:** Sunny. Wind becoming north 20 km/h late in the morning. High 20.
- **Saturday:** A mix of sun and cloud with 30 percent chance of showers. Windy. Low 10. High 15.
- **Sunday:** Sunny. Low 10. High 19.
- **Monday:** Sunny. Low 11. High 19.