FLIGHT DAY FORECAST

June 28-30

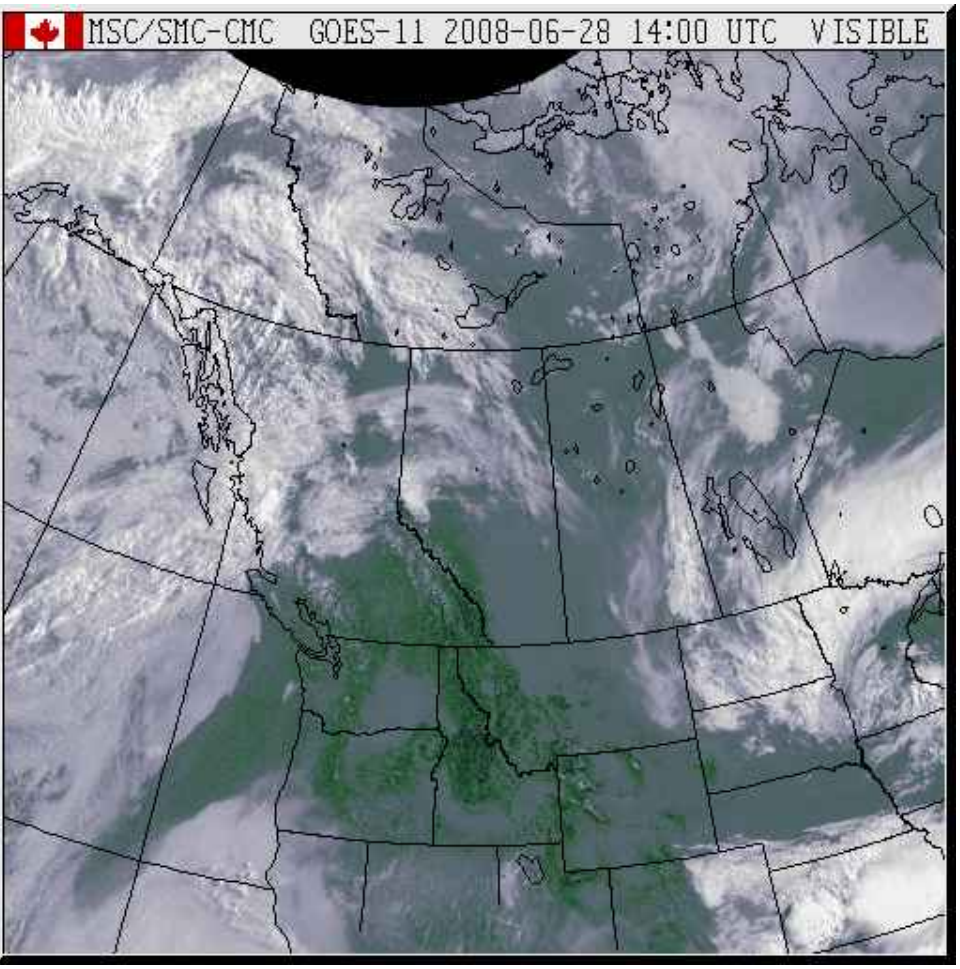
Henry Fuelberg
Walter Sessions

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

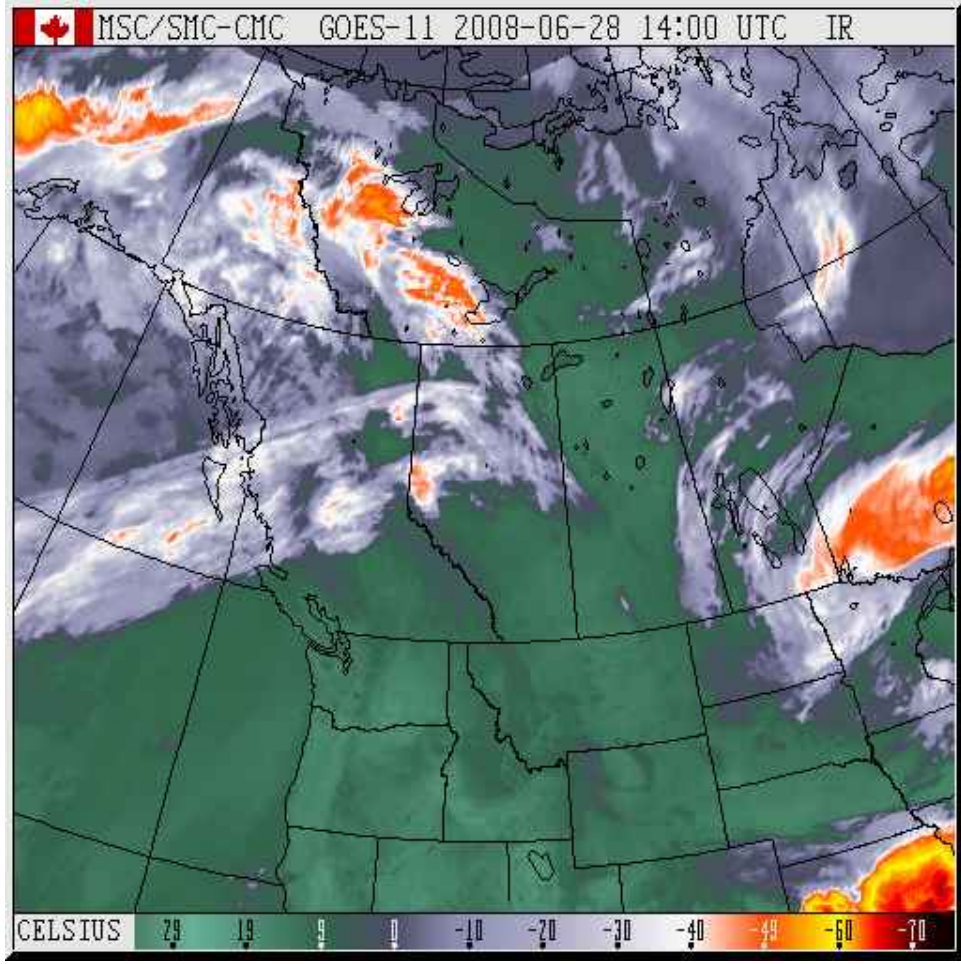
FSU Meteorology

Satellite Imagery

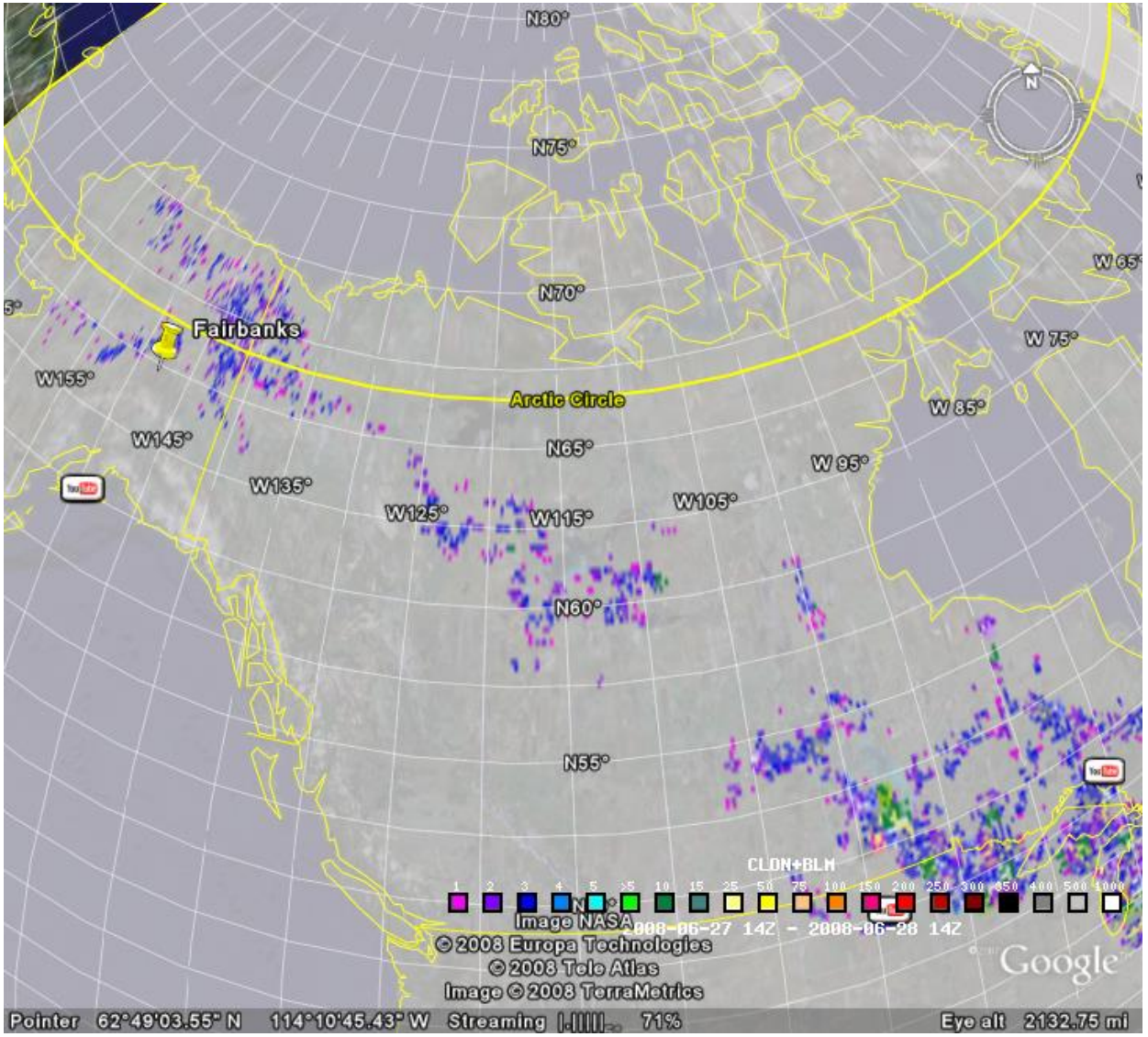
Visible



Infrared



Lightning Data 8 am Friday to 8 am Saturday

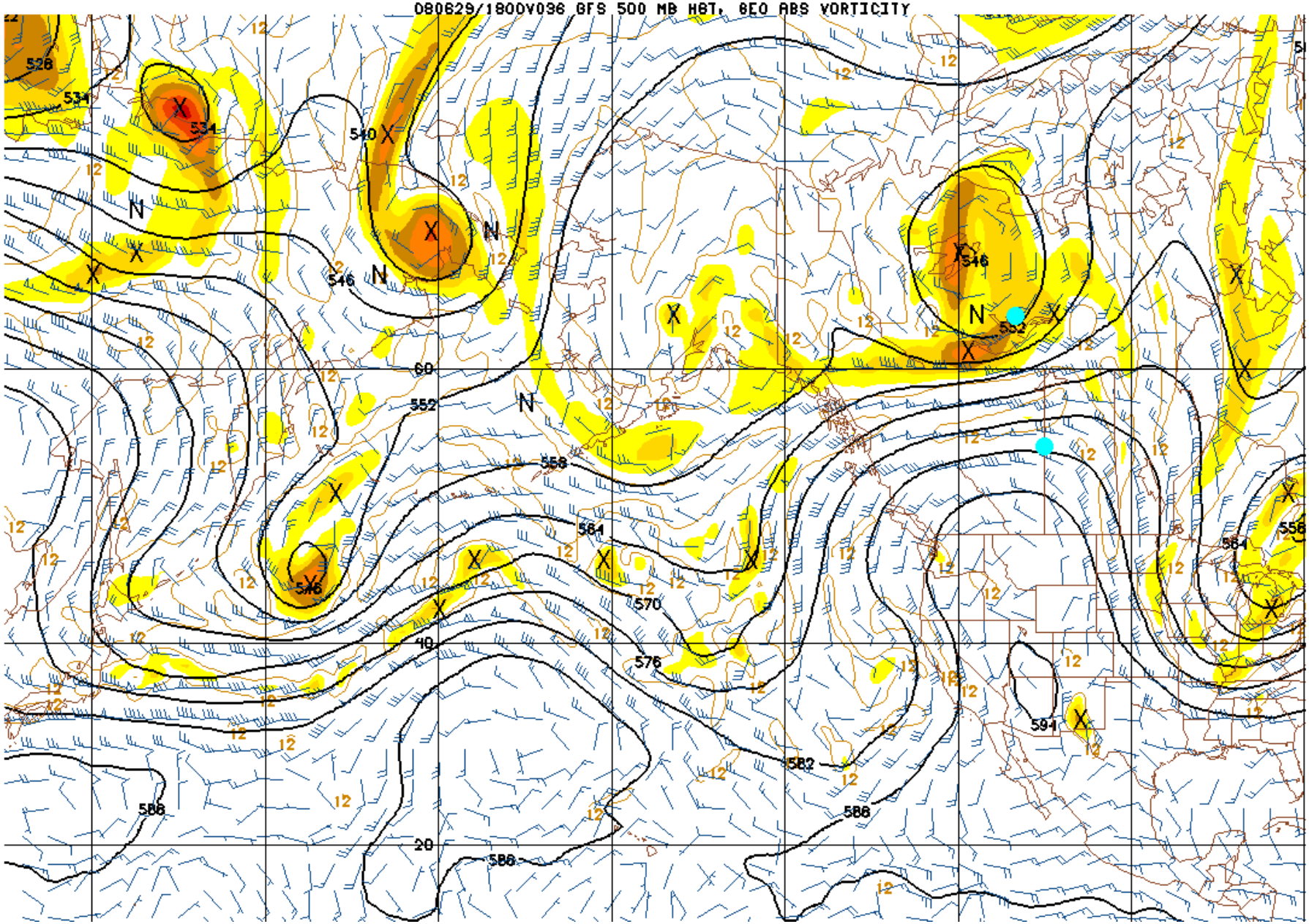


Sunday

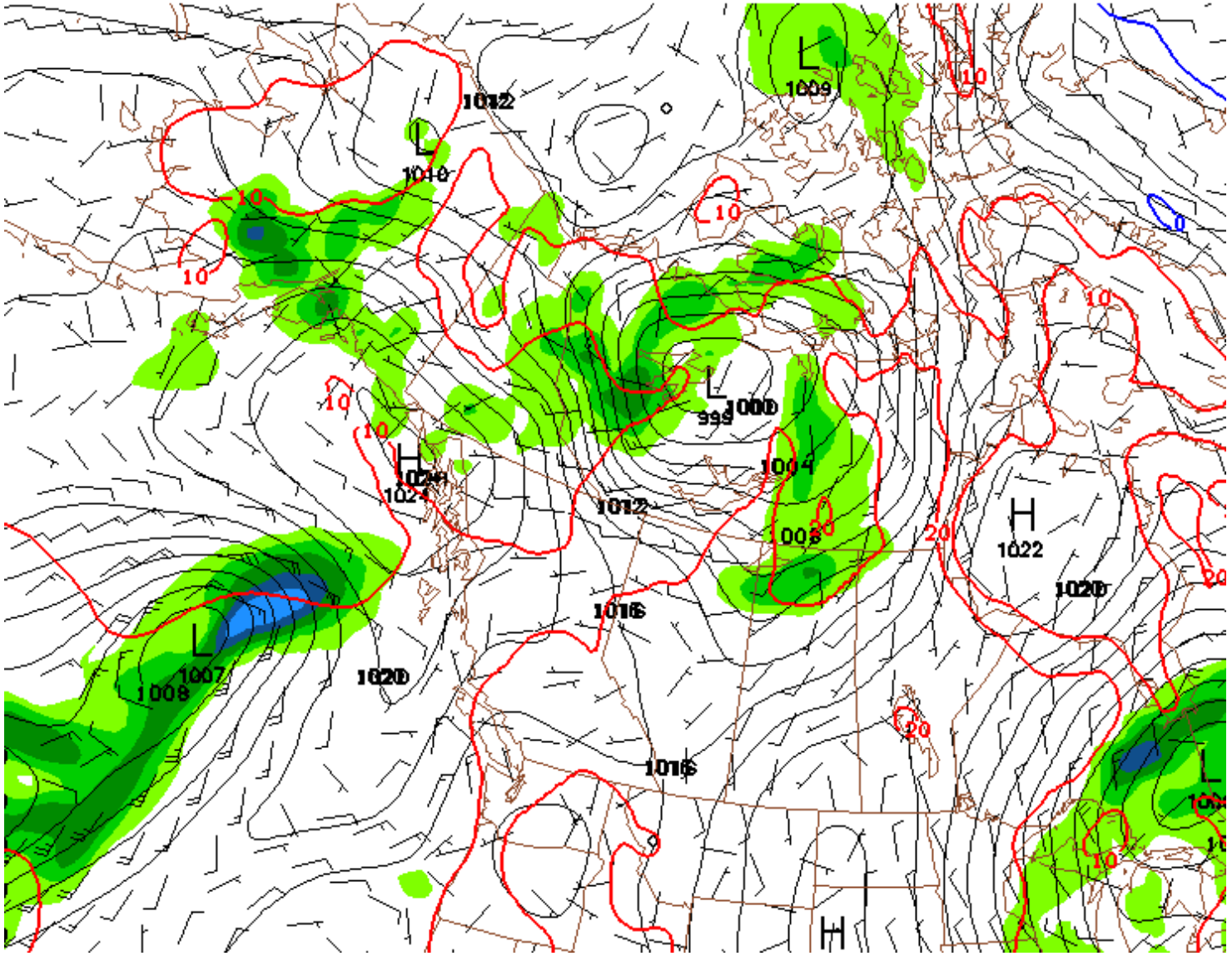
June 29th

1800 Z (Noon)

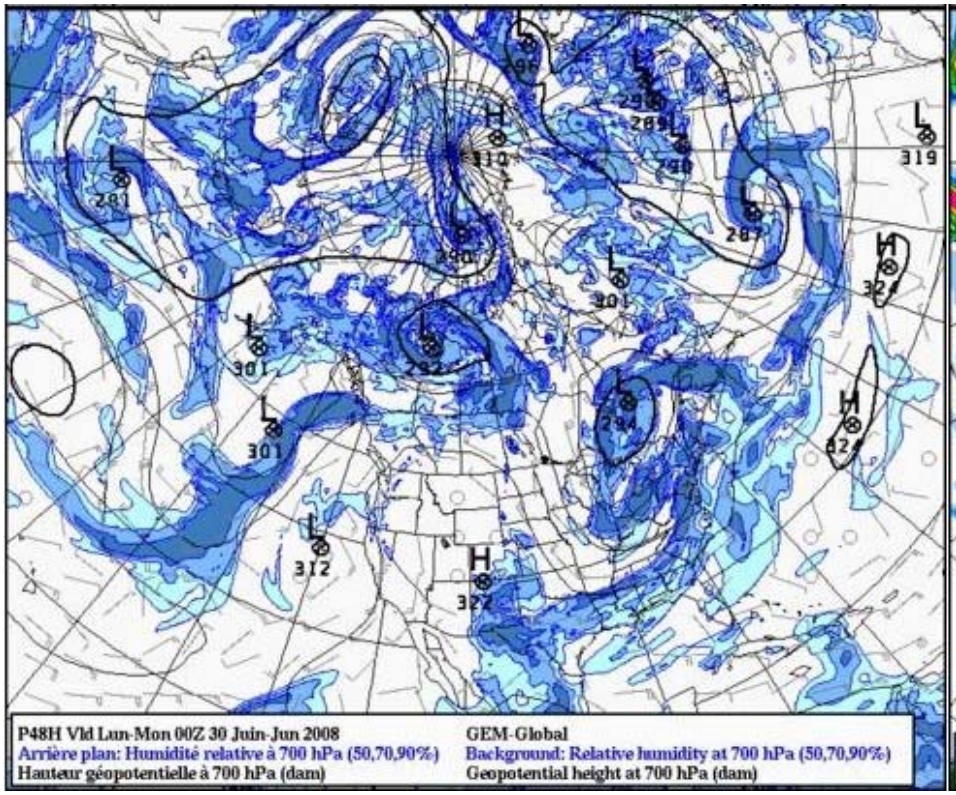
500 mb North Pacific

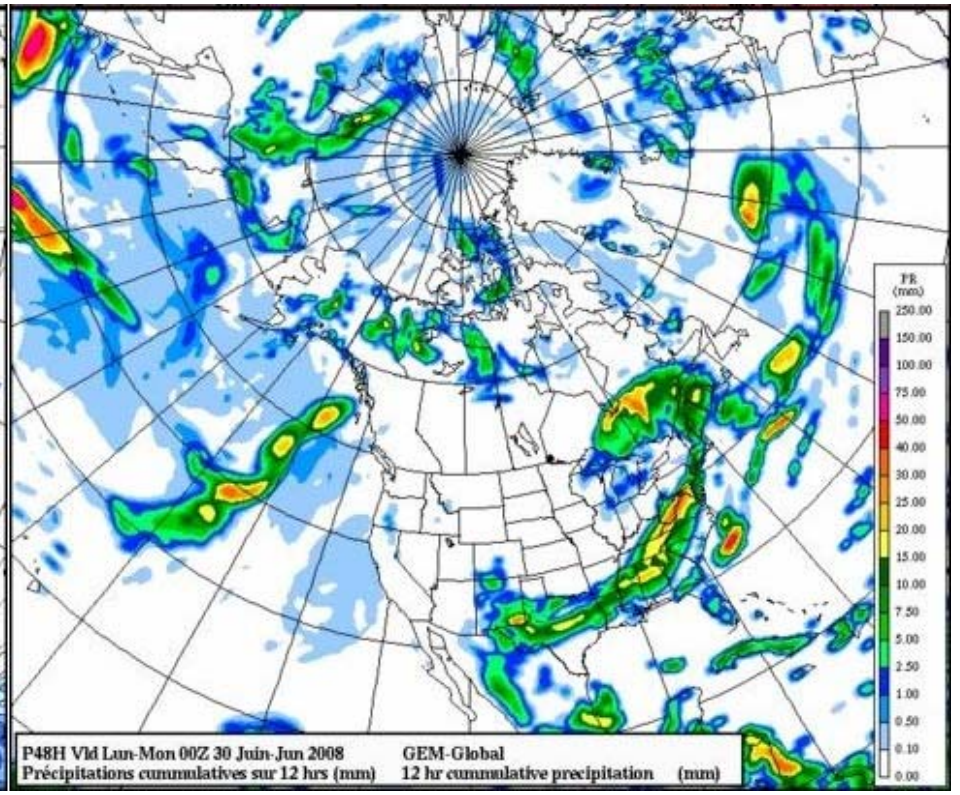


Surface and Precip

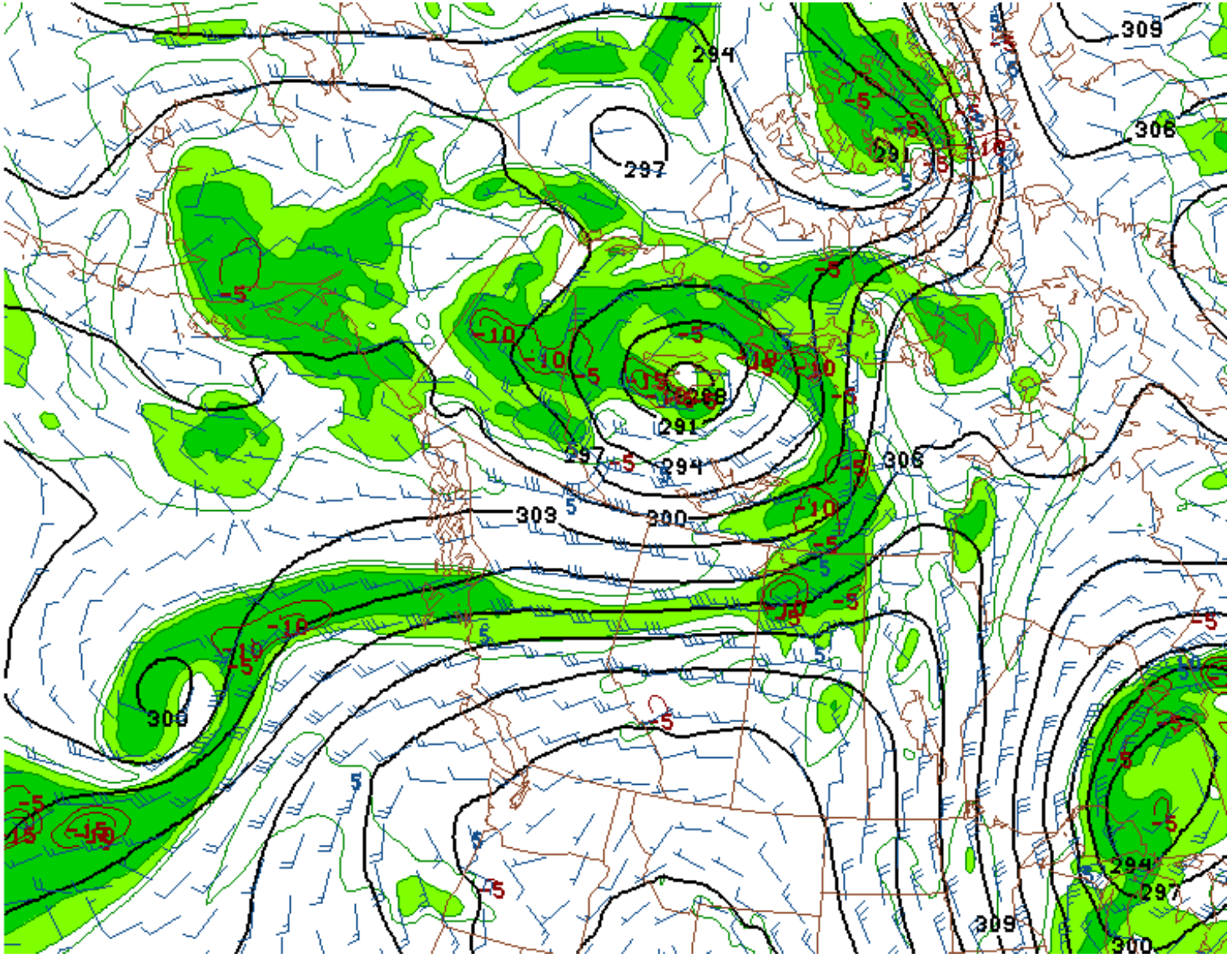


GEM Model

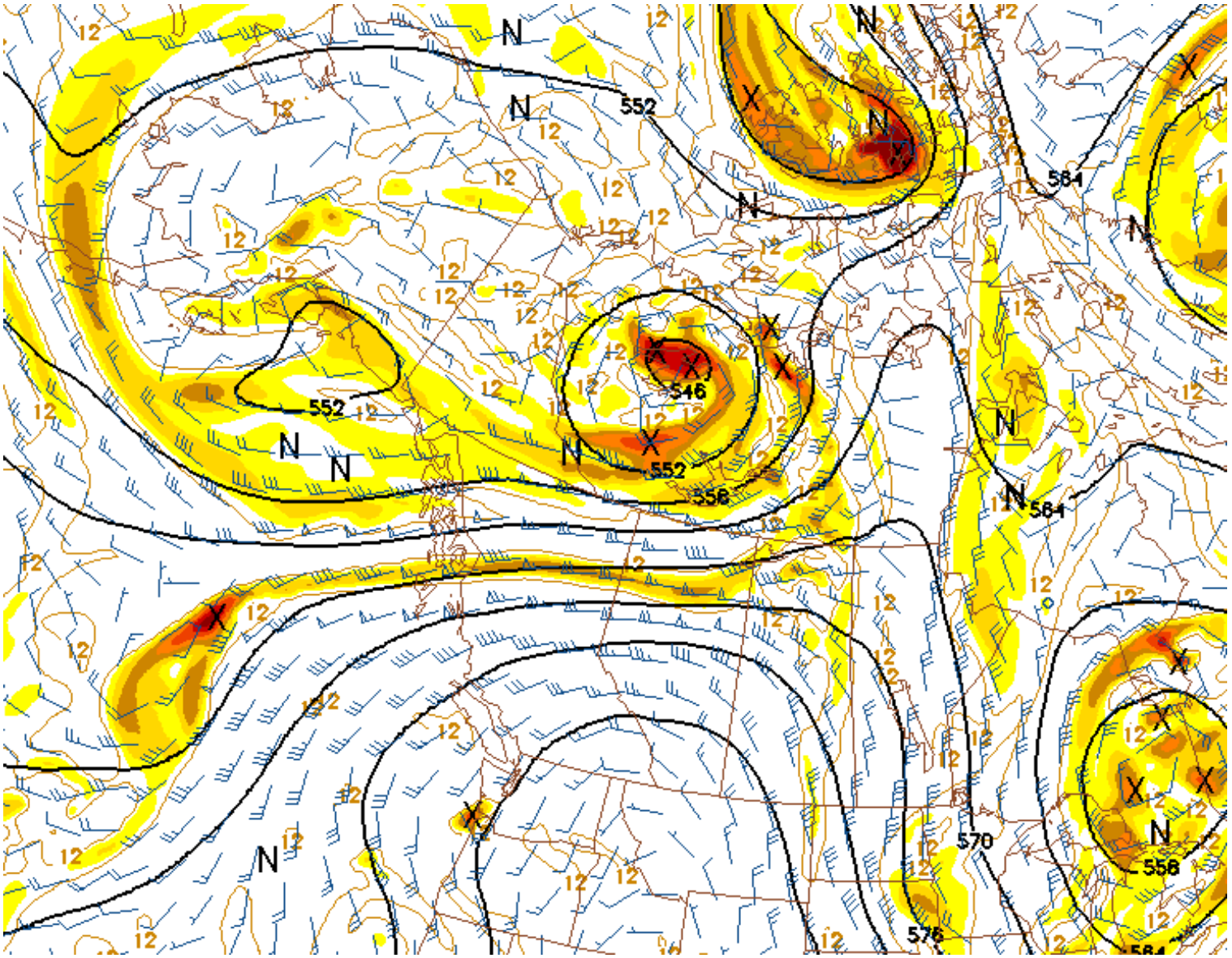

P48H Vld Lun-Mon 00Z 30 Juin-Jun 2008
Arrière plan: Humidité relative à 700 hPa (50,70,90%)
Hauteur géopotentielle à 700 hPa (dam)
GEM-Global
Background: Relative humidity at 700 hPa (50,70,90%)
Geopotential height at 700 hPa (dam)


PR (mm)
250.00
150.00
100.00
75.00
50.00
40.00
30.00
25.00
20.00
15.00
10.00
7.50
5.00
2.50
1.00
0.50
0.10
0.00
P48H Vld Lun-Mon 00Z 30 Juin-Jun 2008
Précipitations cummulatives sur 12 hrs (mm)
GEM-Global
12 hr cummulative precipitation (mm)

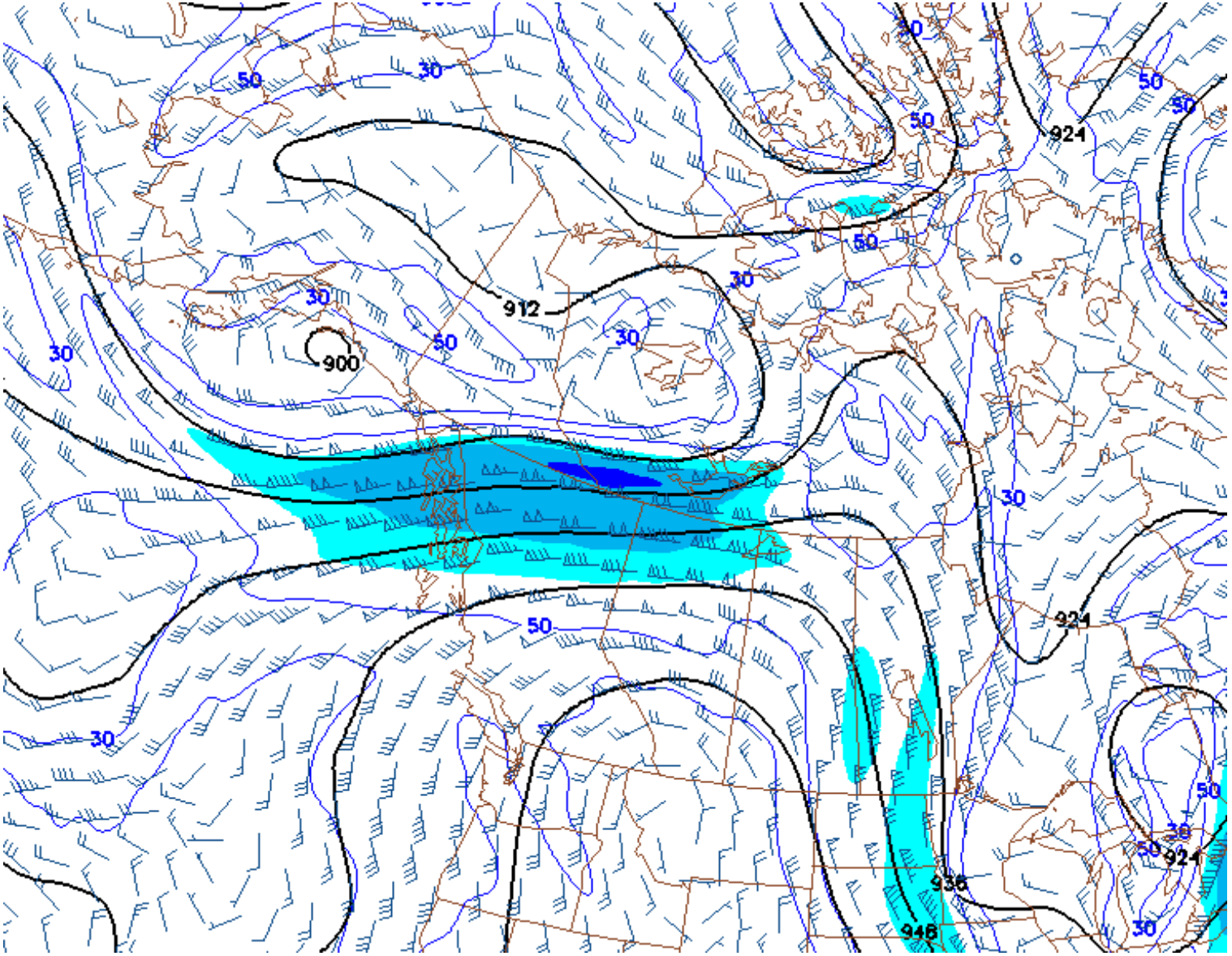
700 mb Flow and RH



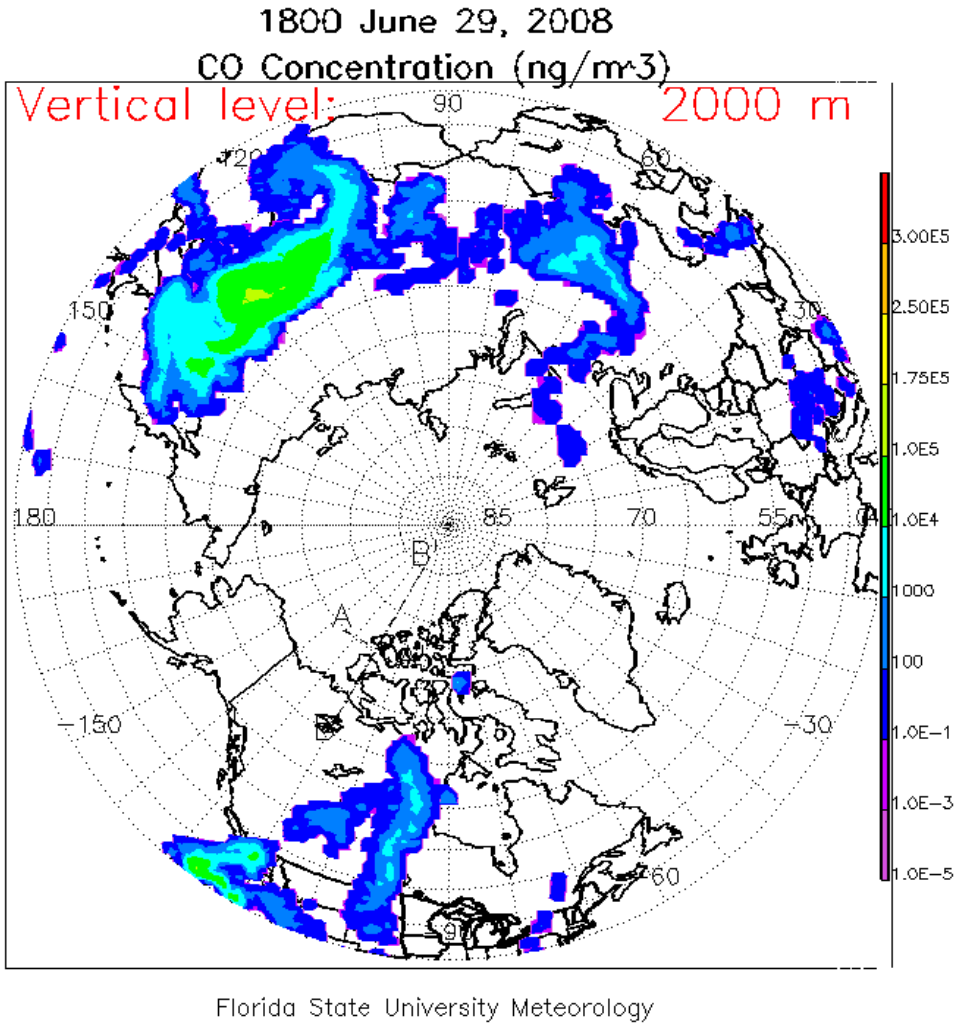
500 mb Heights and Vort.



300 mb Flow and Isotachs



FLEXPART / FLAMBE



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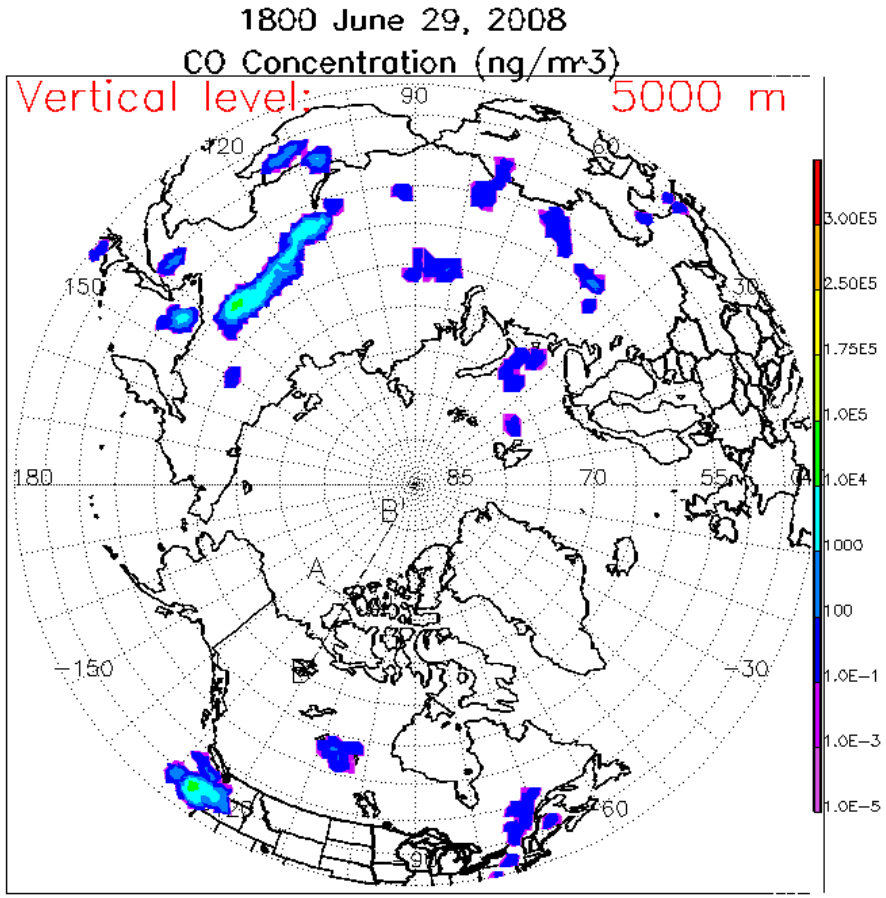
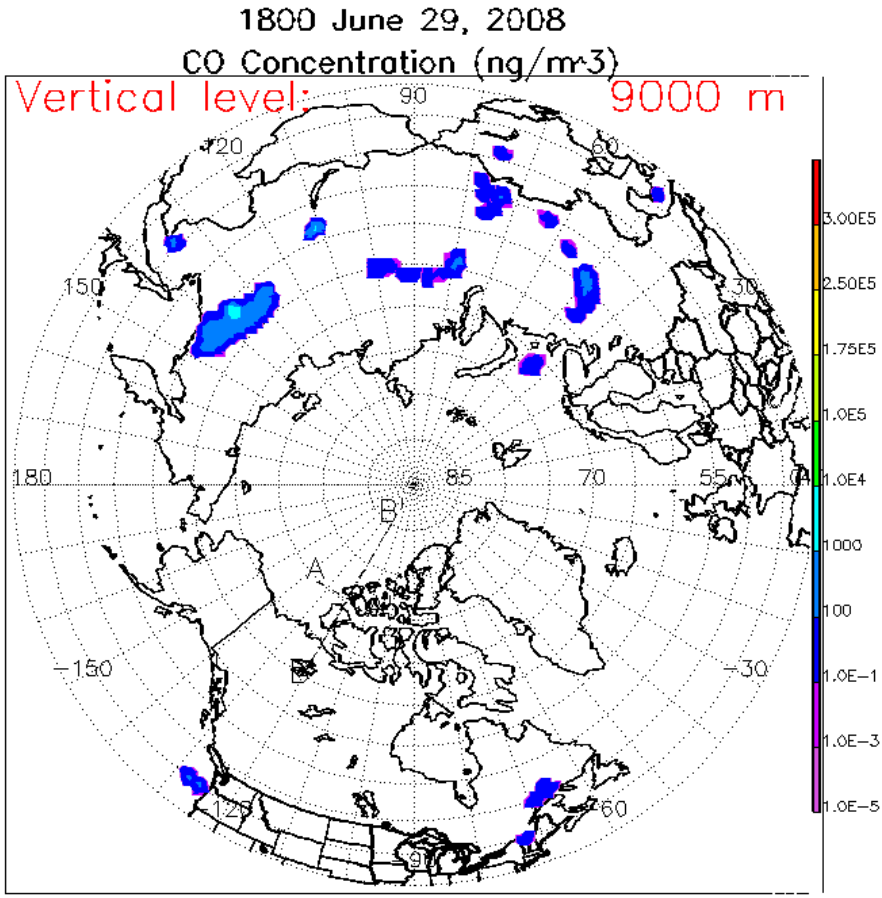


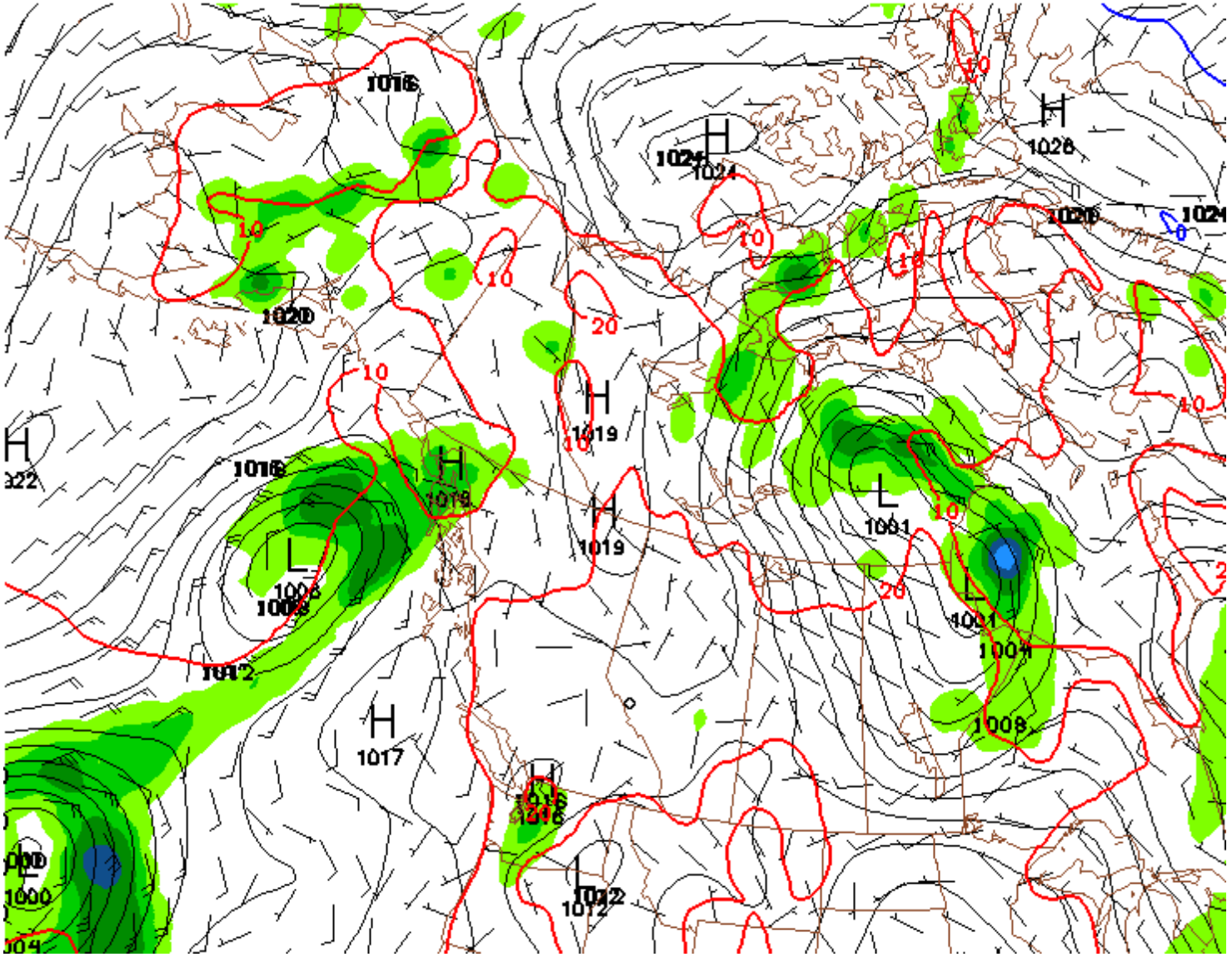


Monday

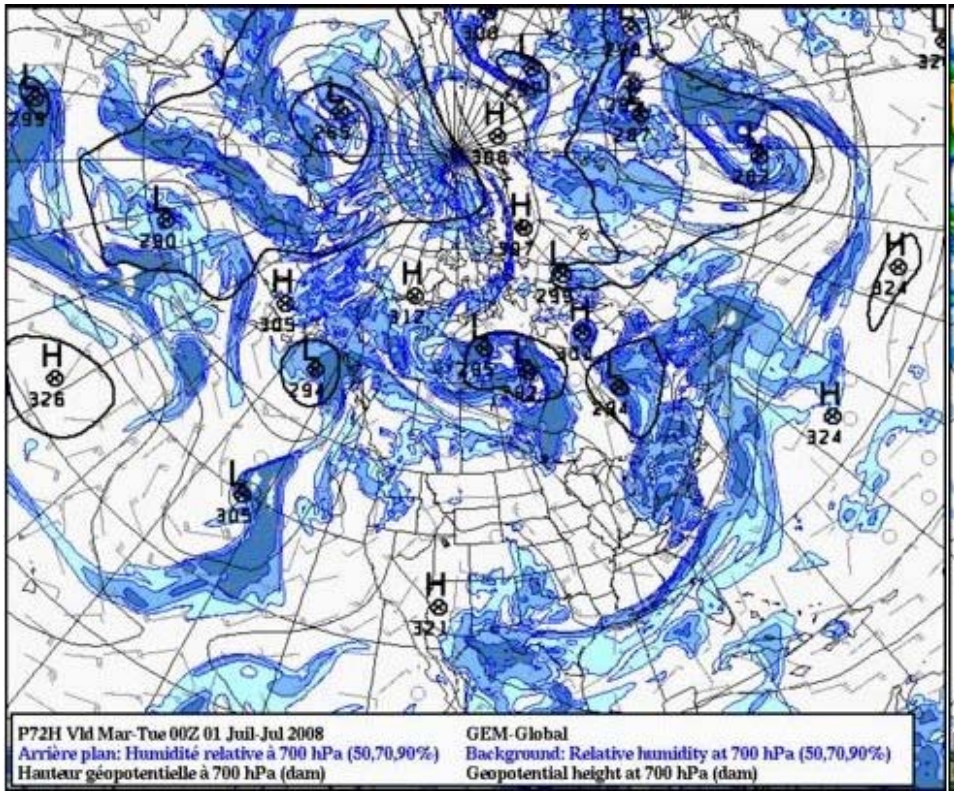
June 30th

1800 Z (Noon)

Surface and Precip



GEM Model


P72H Vld Mar-Tue 00Z 01 Juil-Jul 2008
Arrière plan: Humidité relative à 700 hPa (50,70,90%)
Hauteur géopotentielle à 700 hPa (dam)
GEM-Global
Background: Relative humidity at 700 hPa (50,70,90%)
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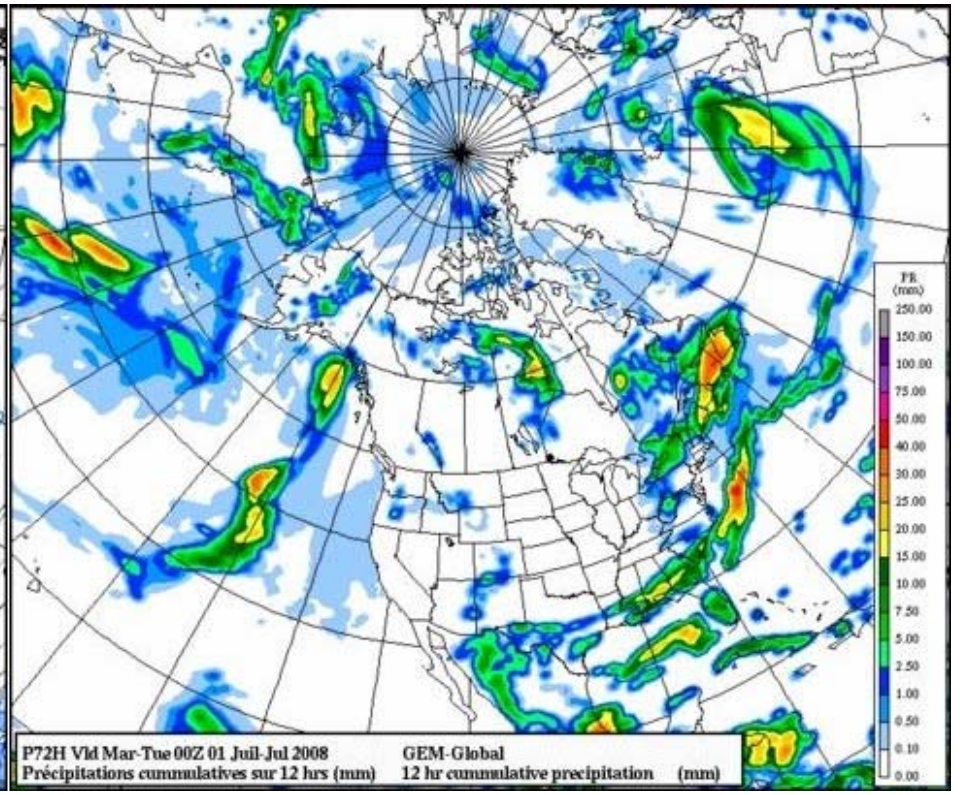
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Précipitations cummulatives sur 12 hrs (mm)
GEM-Global
12 hr cummulative precipitation (mm)
PR (mm)
250.00
150.00
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75.00
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30.00
25.00
20.00
15.00
10.00
7.50
5.00
2.50
1.00
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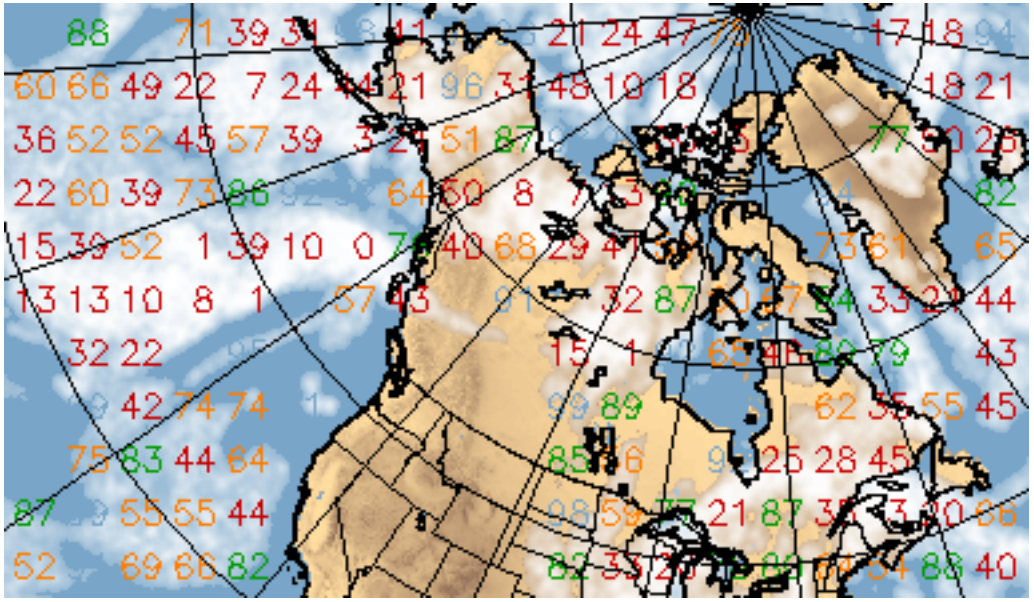
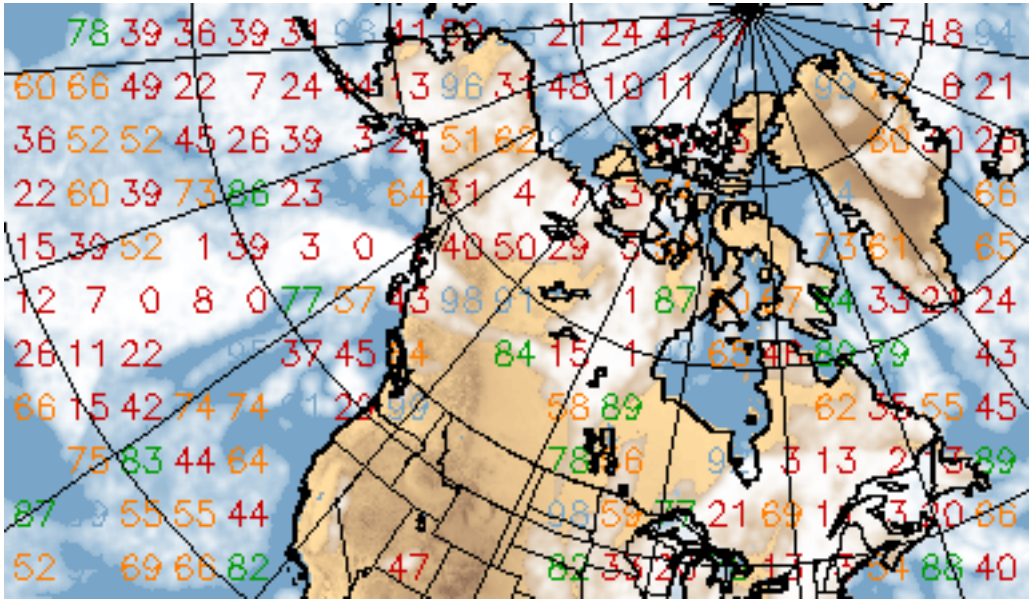
Cloud Cover

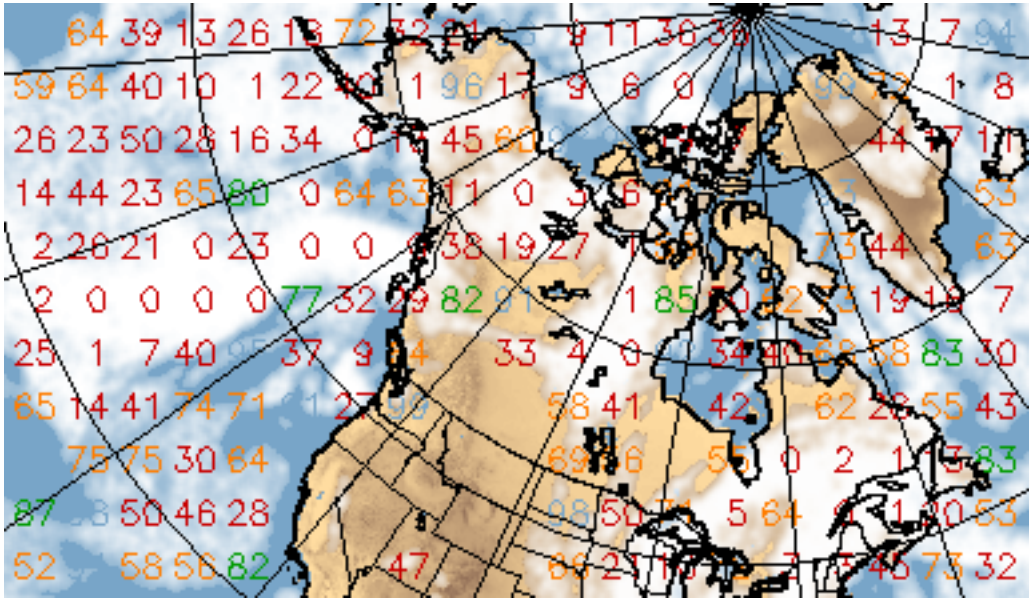


700 mb

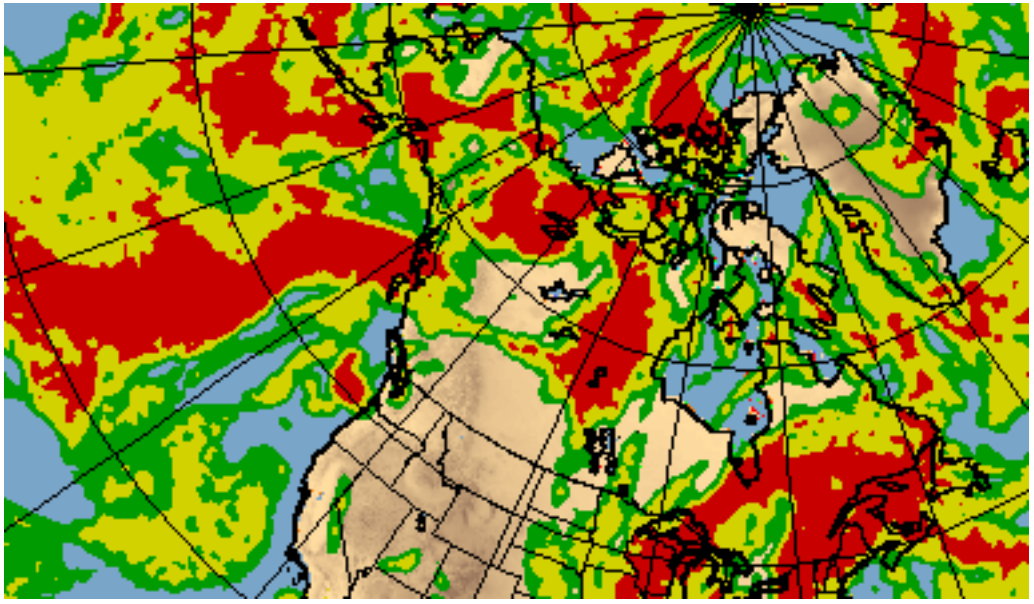


500 mb

Cloud Cover

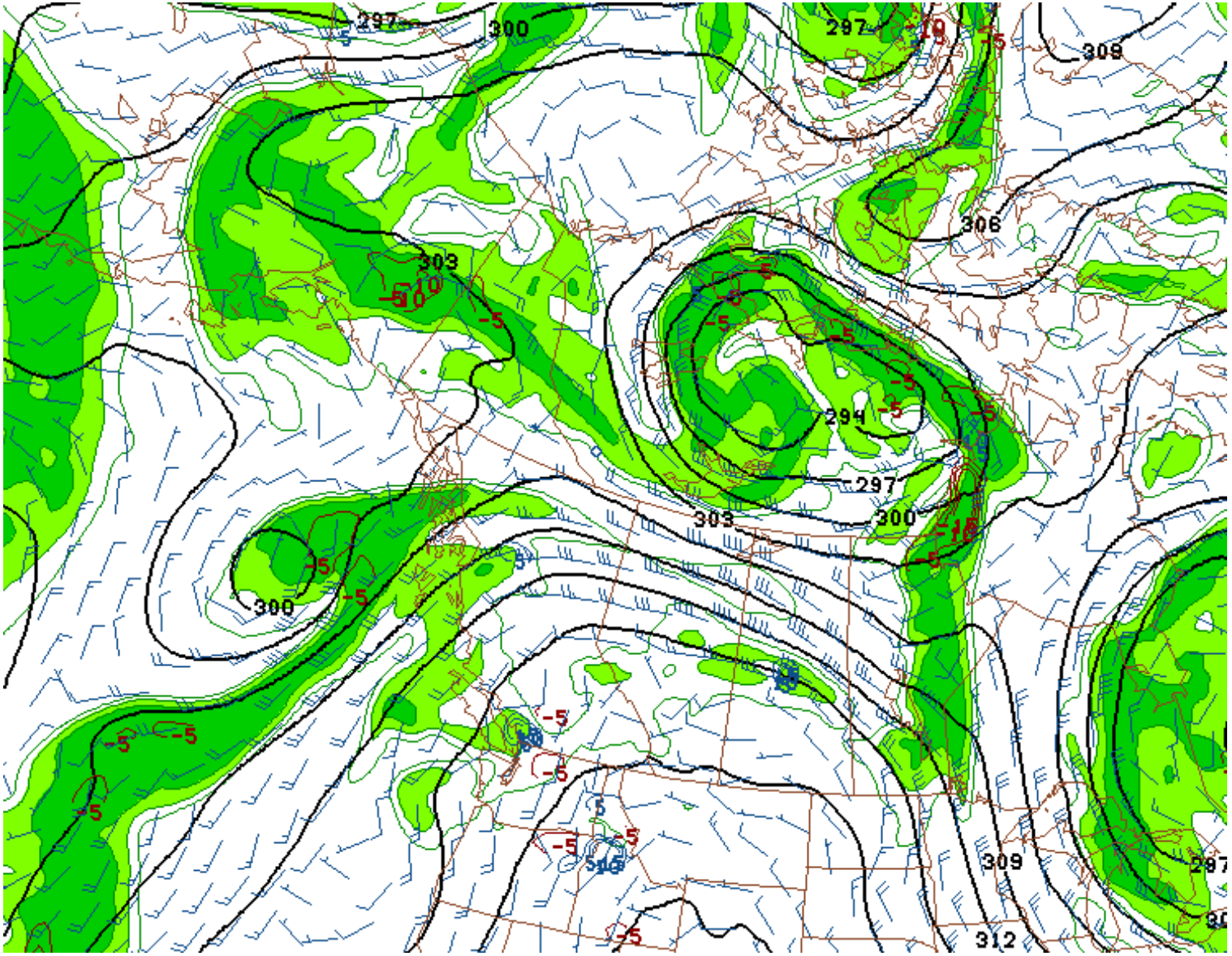


300 mb

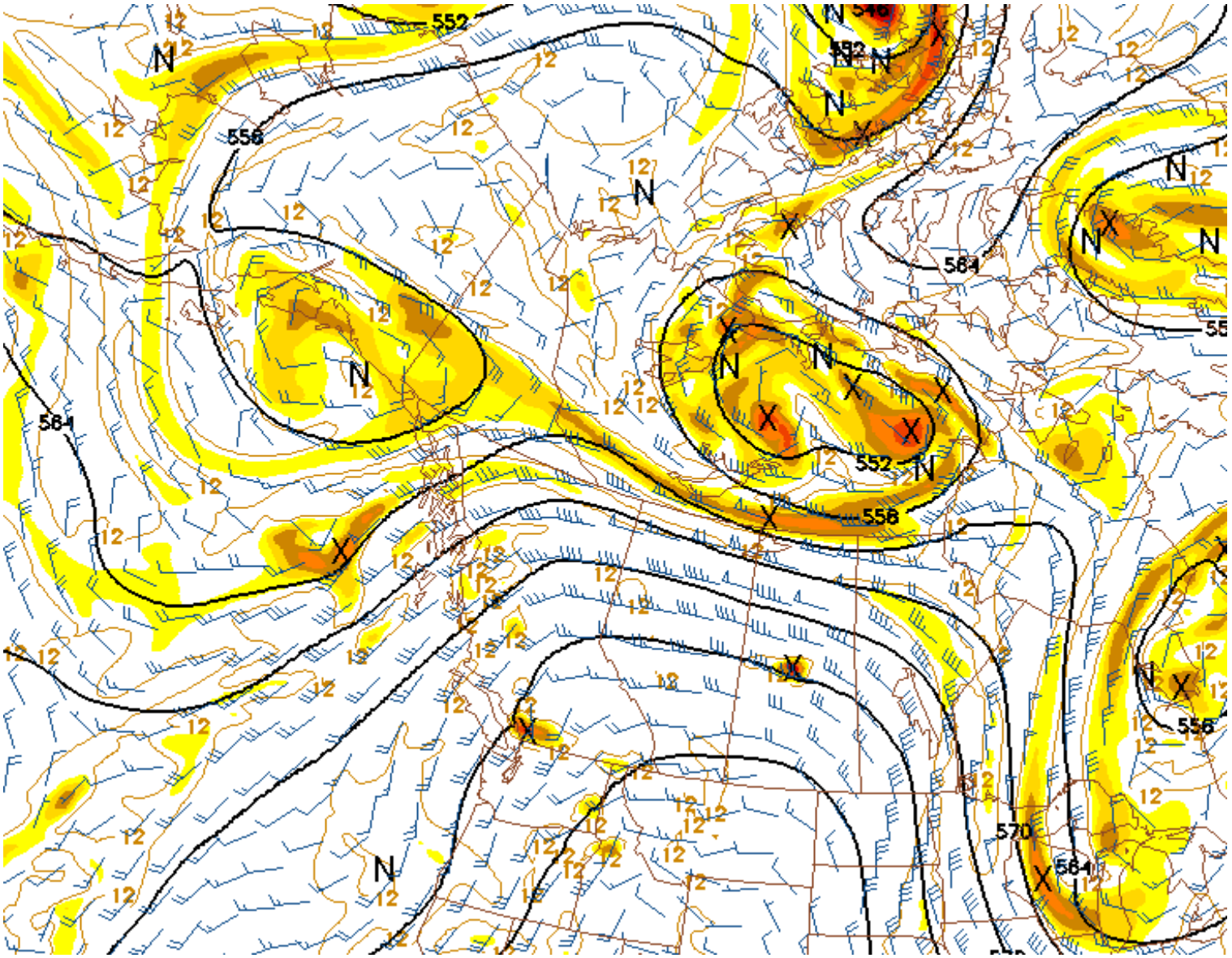


Total

700 mb Flow and RH



500 mb Heights and Vort.

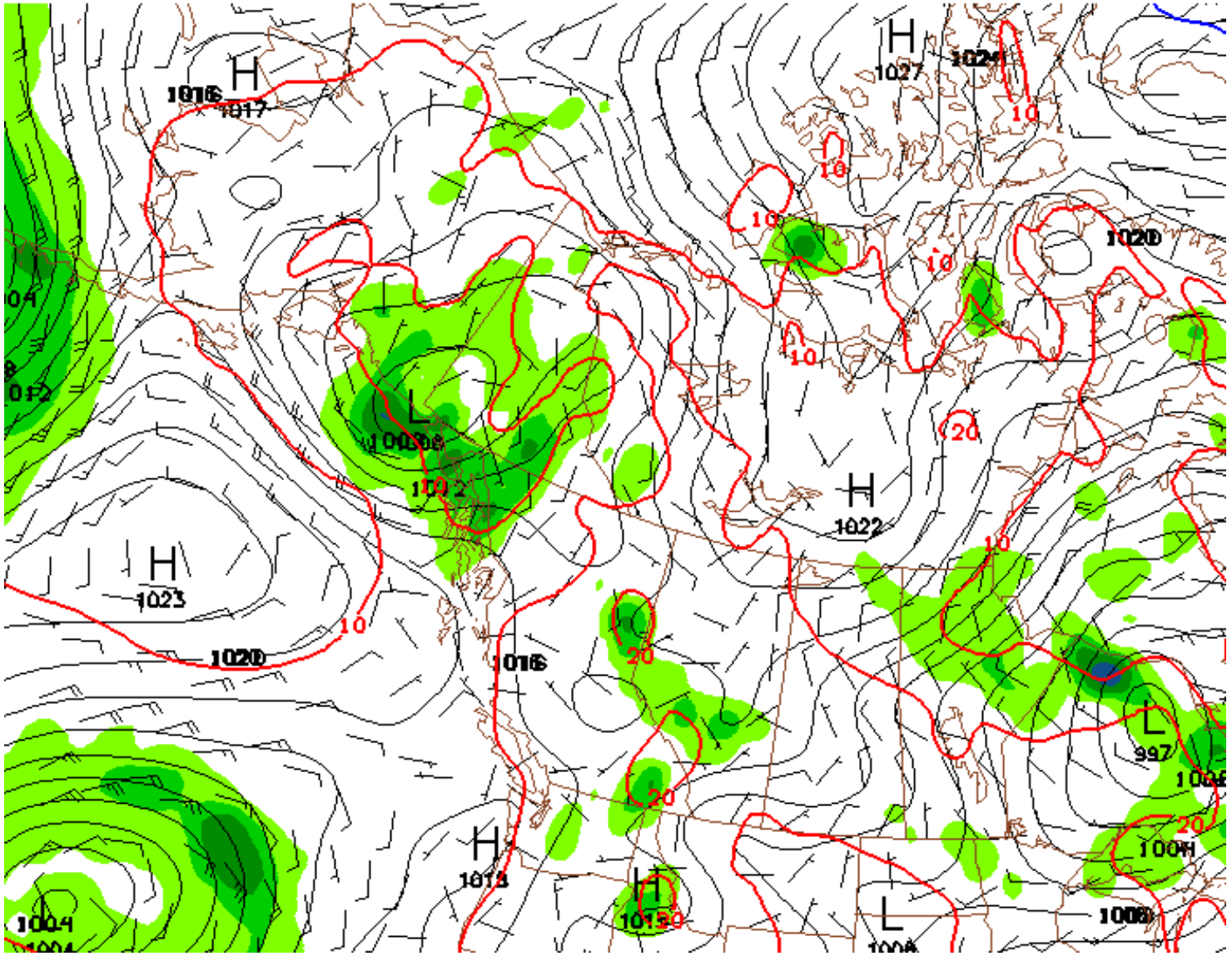


Tuesday

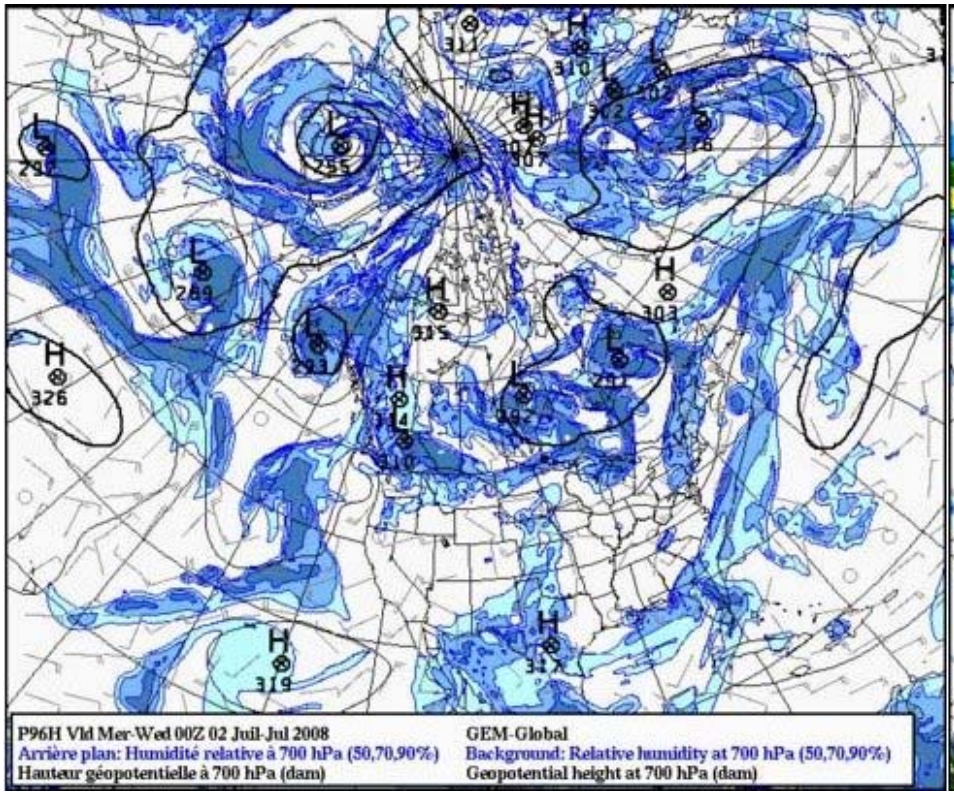
July 1st

1800 Z (Noon)

Surface and Precip



GEM Model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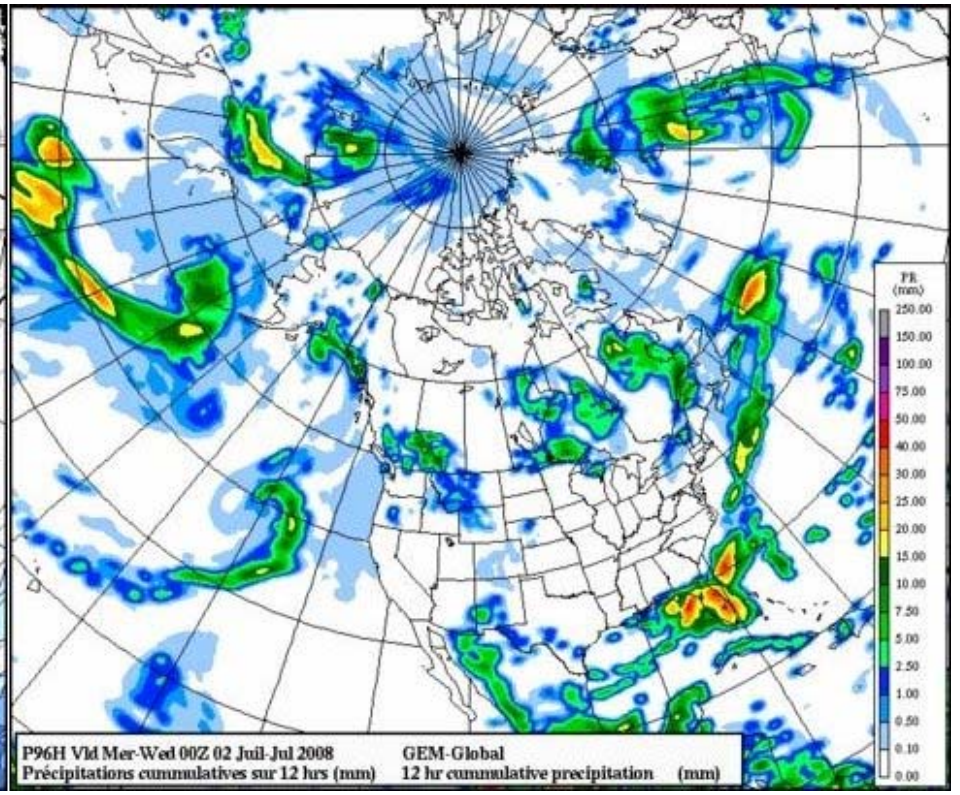
PR (mm)
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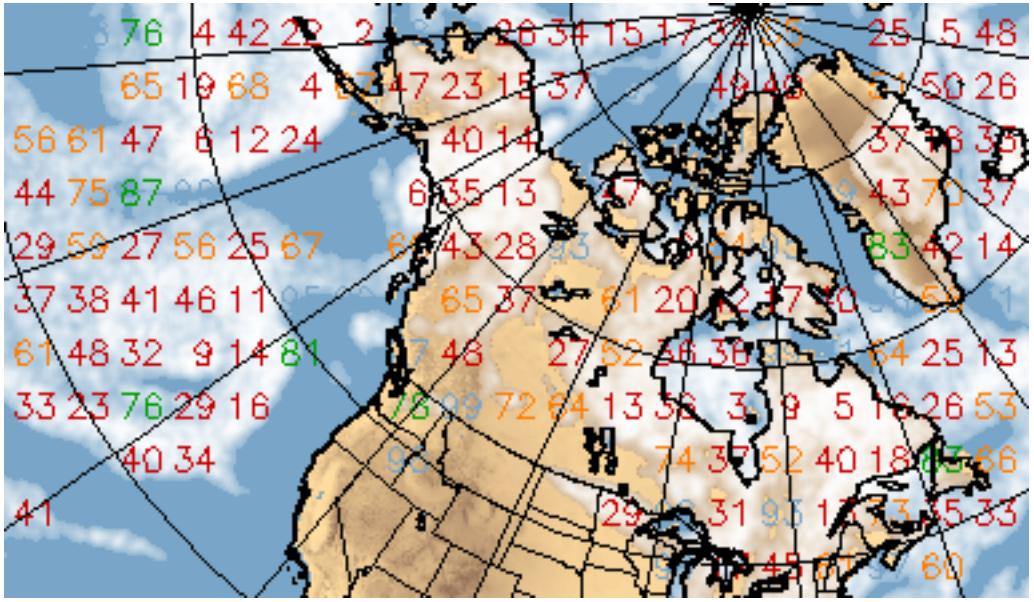
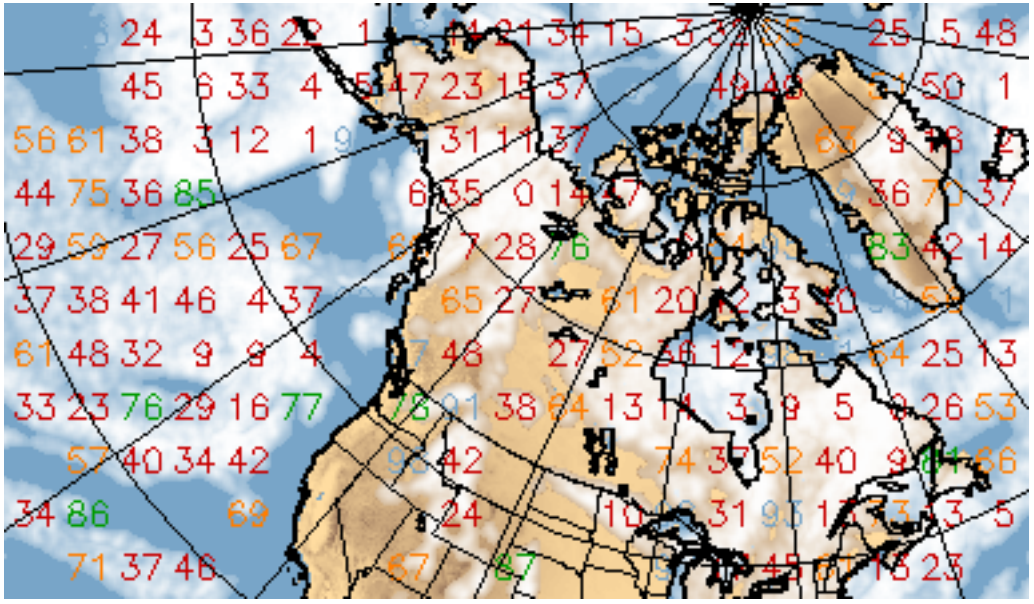
P96H Vld Mer-Wed 00Z 02 Juil-Jul 2008
Précipitations cummulatives sur 12 hrs (mm)
GEM-Global
12 hr cummulative precipitation (mm)

Cloud Cover

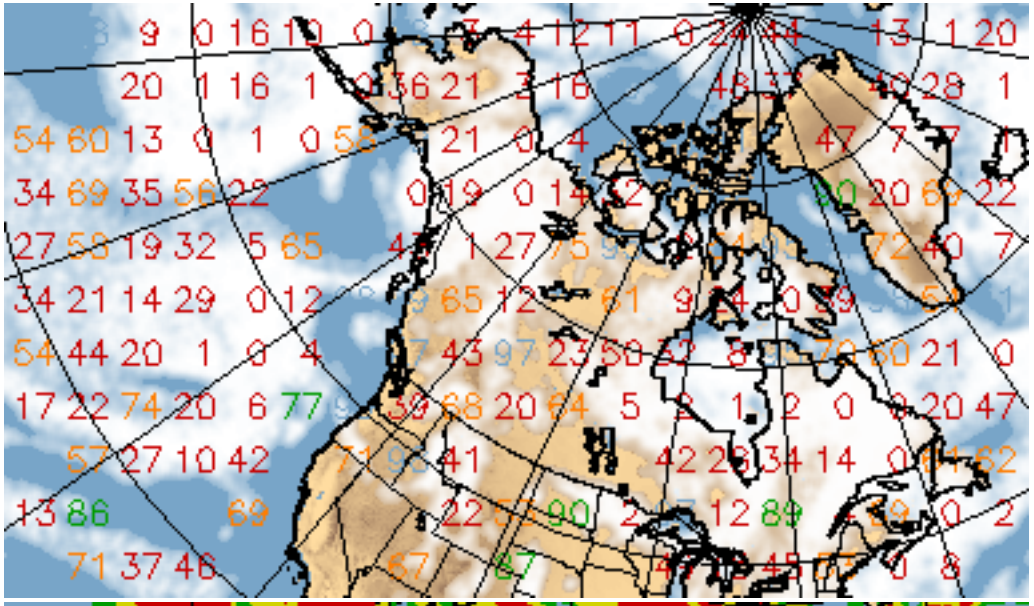


700 mb

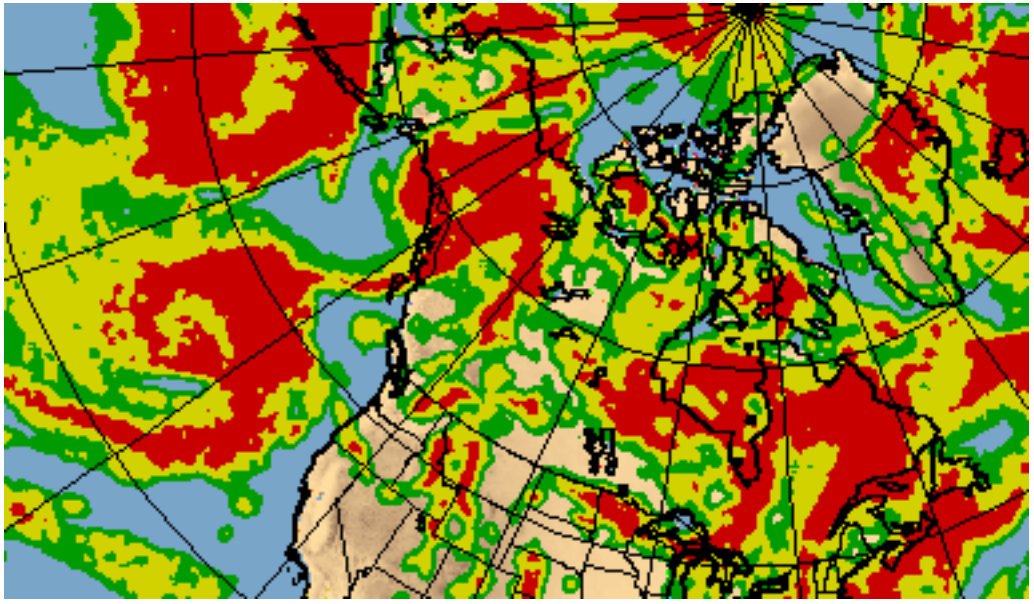


500 mb

Cloud Cover

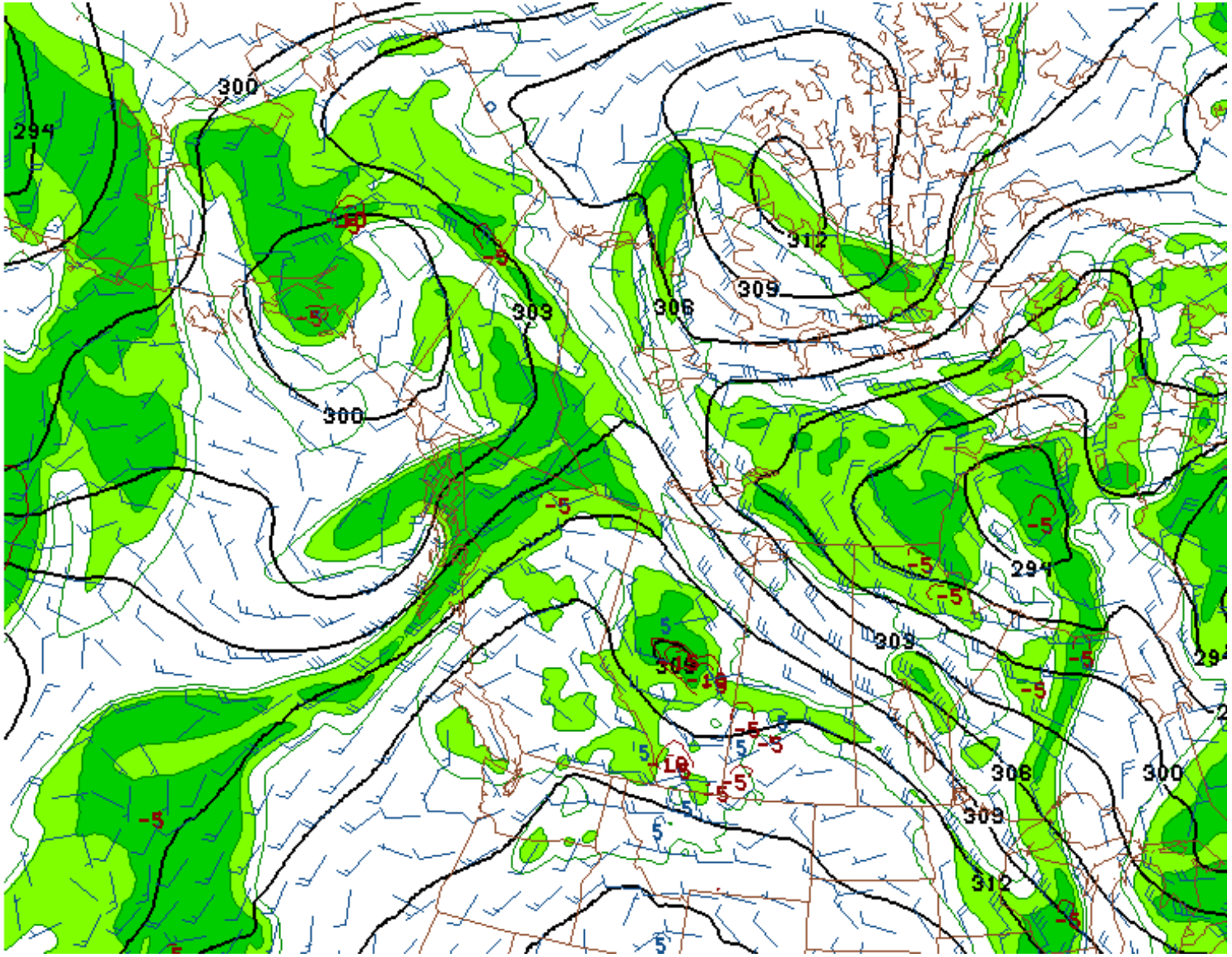


300 mb

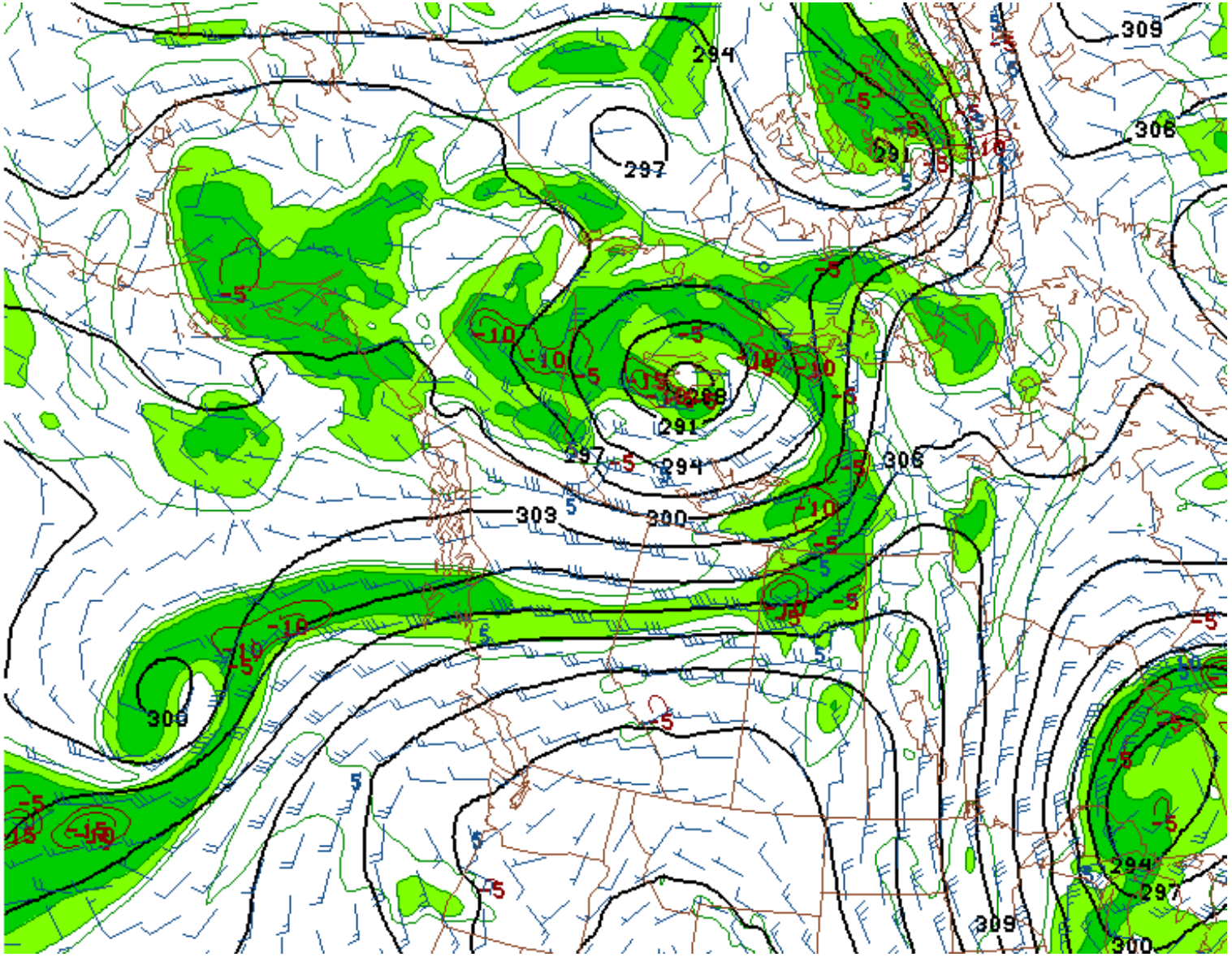


Total

700 mb Flow and RH



700 mb Flow and RH



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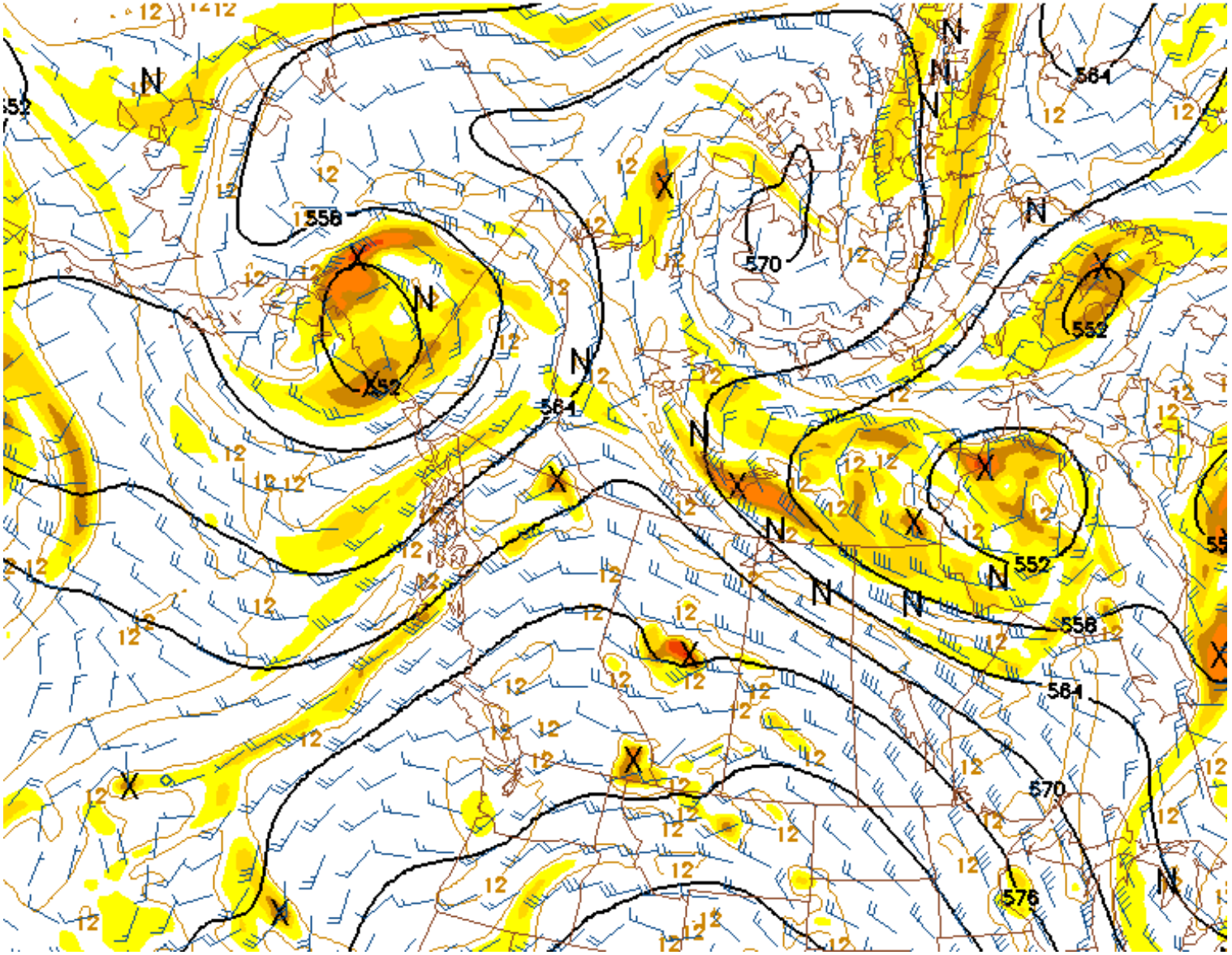
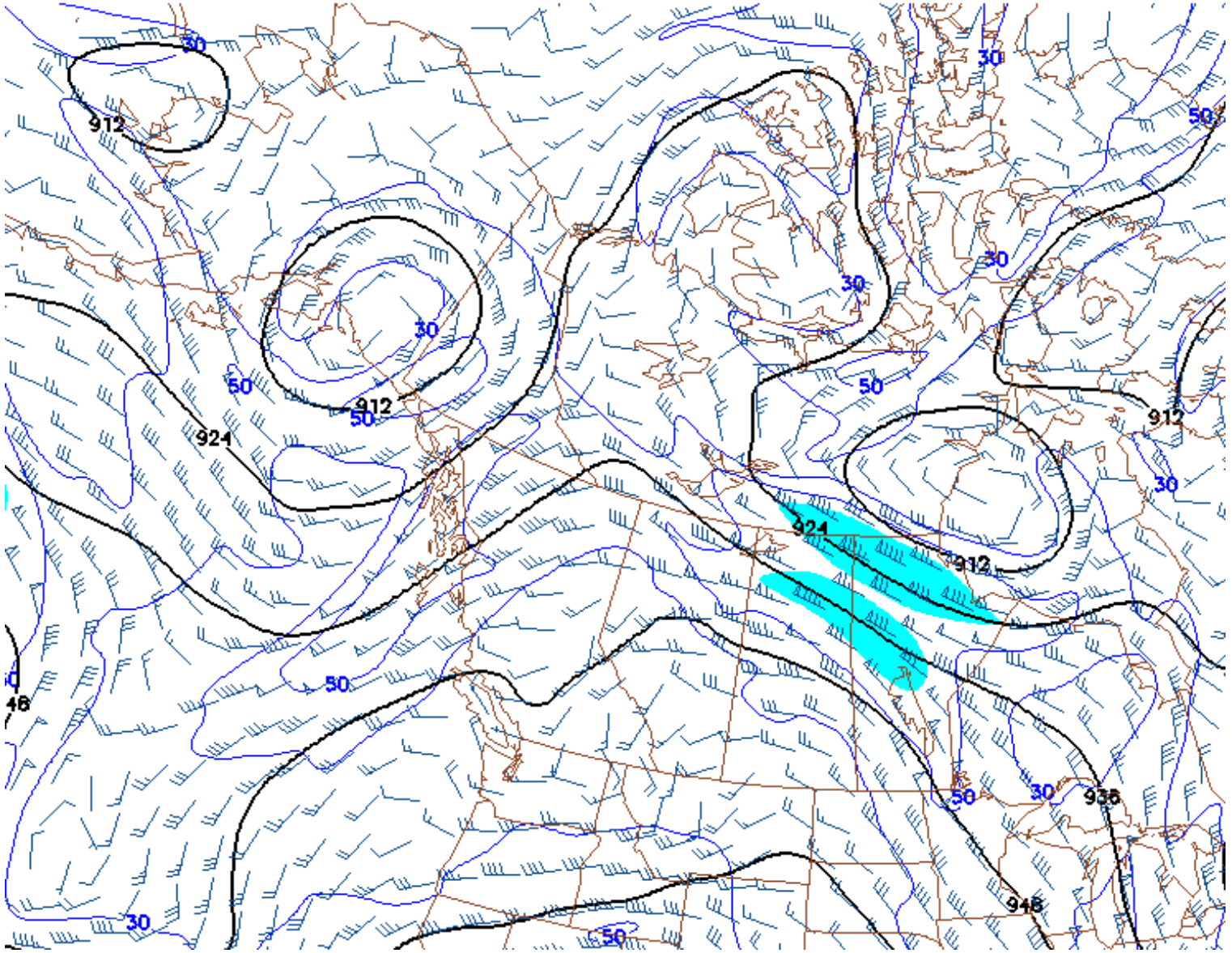
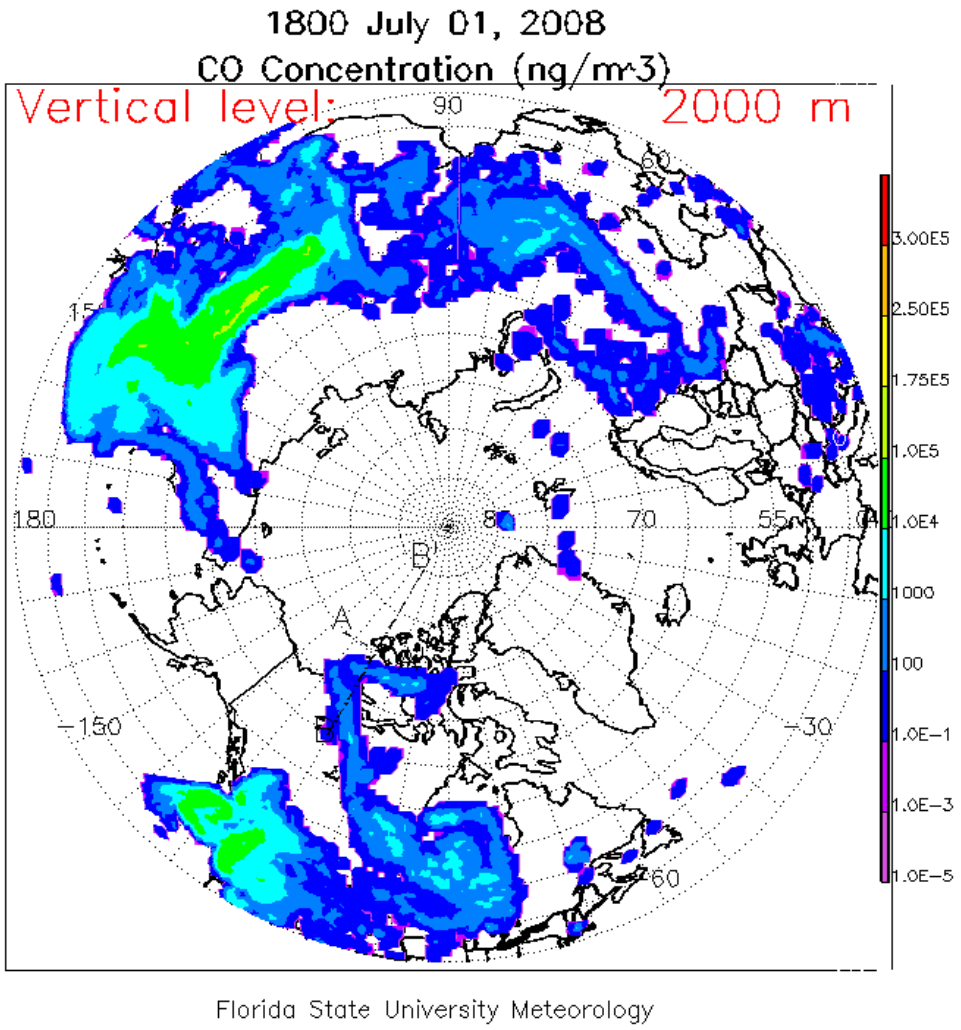


300 mb Flow and Isotachs



FLEXPART / FLAMBE



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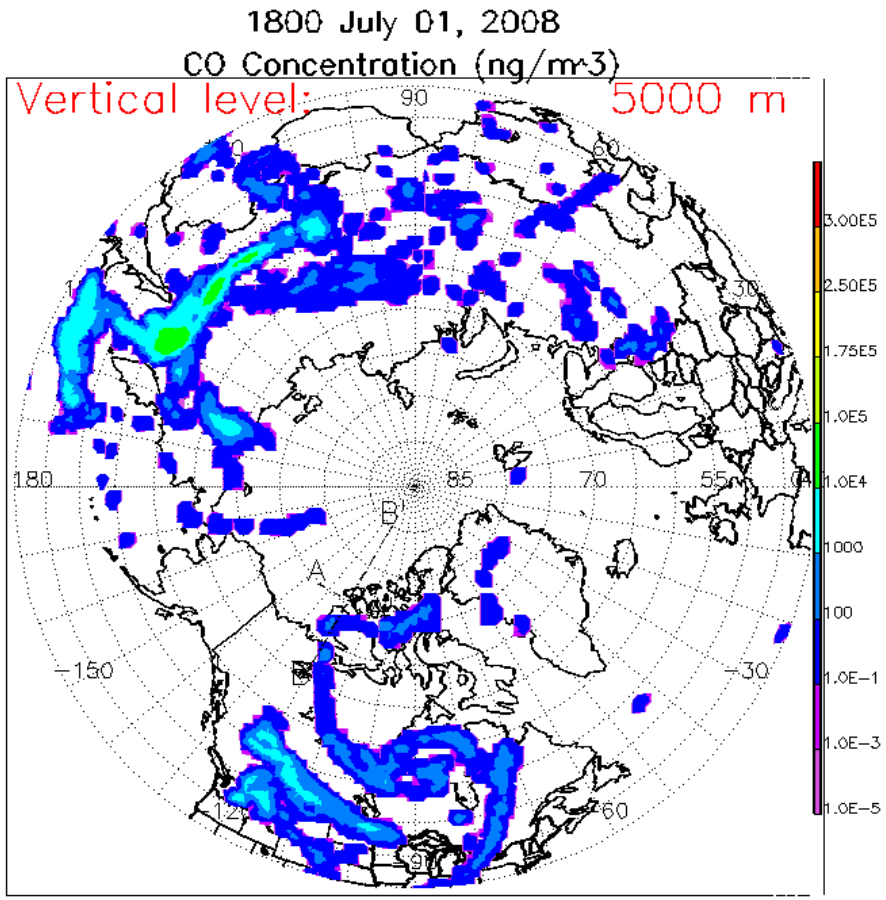

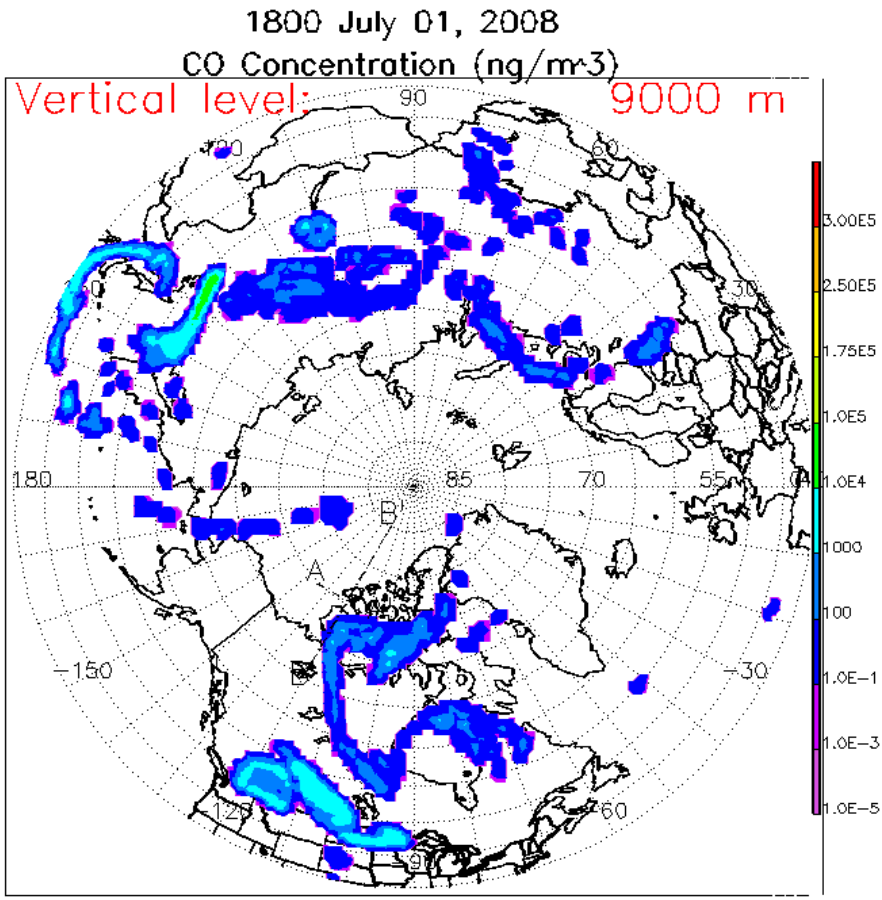

Cold Lake Forecast

Today: Sunny. High 26. UV index 7 or high.

To night: Clear. Low 14.

Sunday: Sunny. High 31.

Monday: Sunny. Low 15. High 29.

Tuesday: Sunny. Low 13. High 24.

Wednesday: Sunny. Low 12. High 22.

Yellowknife Forecast

- **Today:** Sunny. High 23. UV index 6 or high.
- **Tonight:** Cloudy periods. 40 percent chance of showers this evening with the risk of a thunderstorm. Clearing overnight. Wind south 20 km/h becoming light near midnight. Low 14.
- **Sunday:** Sunny. Becoming cloudy late in the day with 60 percent chance of showers in the evening. Wind becoming southwest 20 km/h late in the morning then west 40 gusting to 60 in the evening. High 20.
- **Monday:** Cloudy with 40 percent chance of showers. Low 10. High 20.
- **Tuesday:** Sunny. Low 15. High 23.
- **Wednesday:** Sunny. Low 15. High 22.