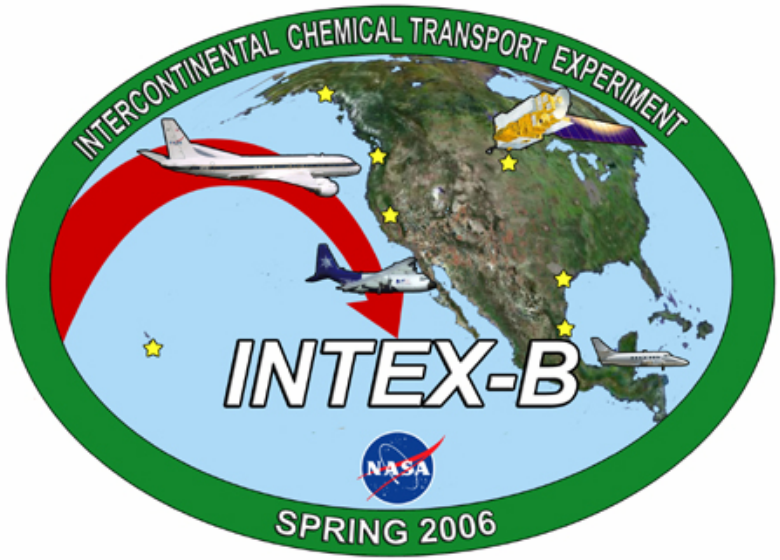
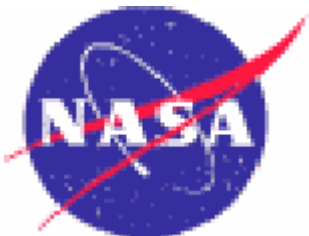
INTEX-B Weather Brief
Wednesday, May 3

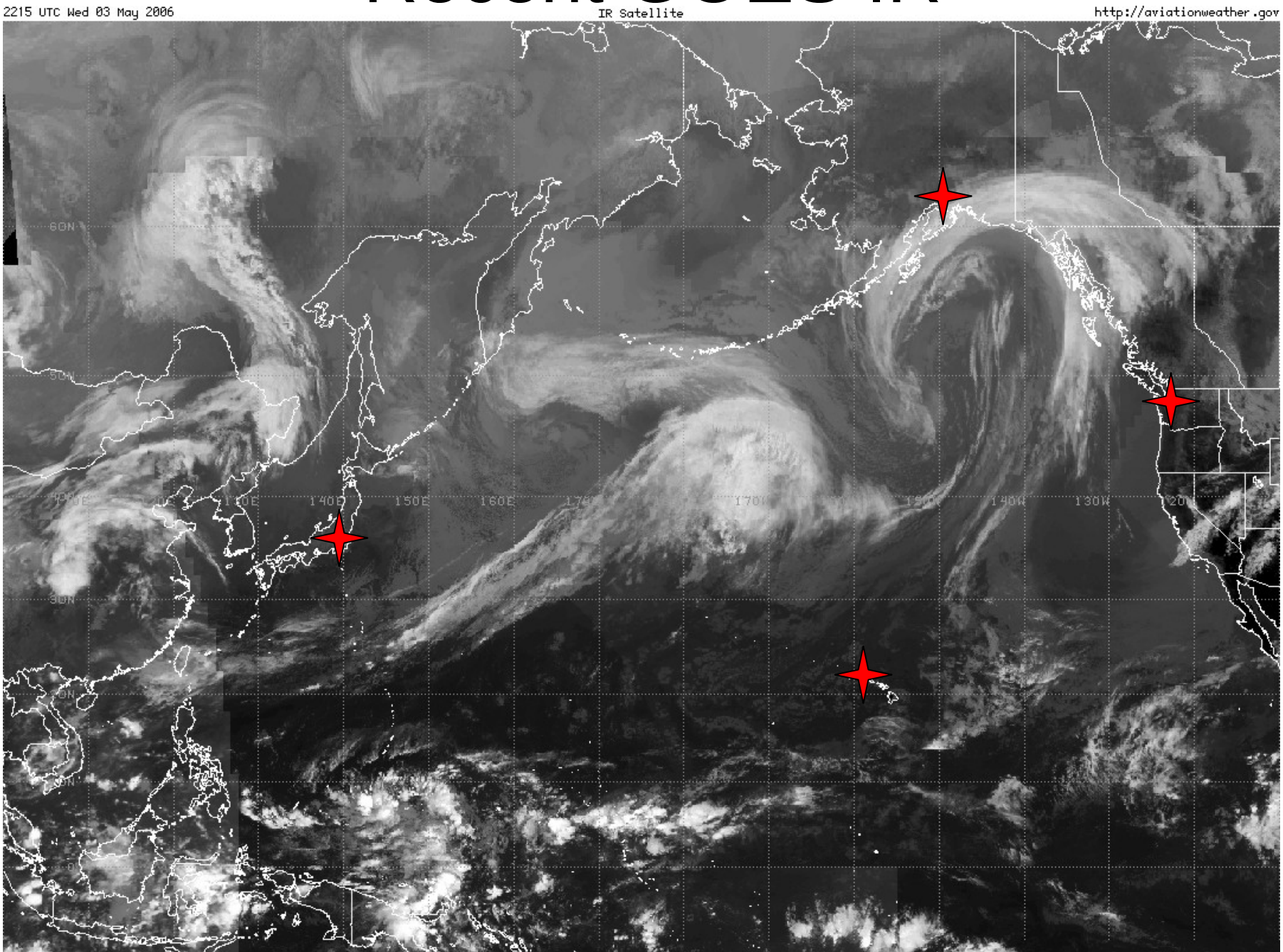


Henry Fuelberg
John Sullivan

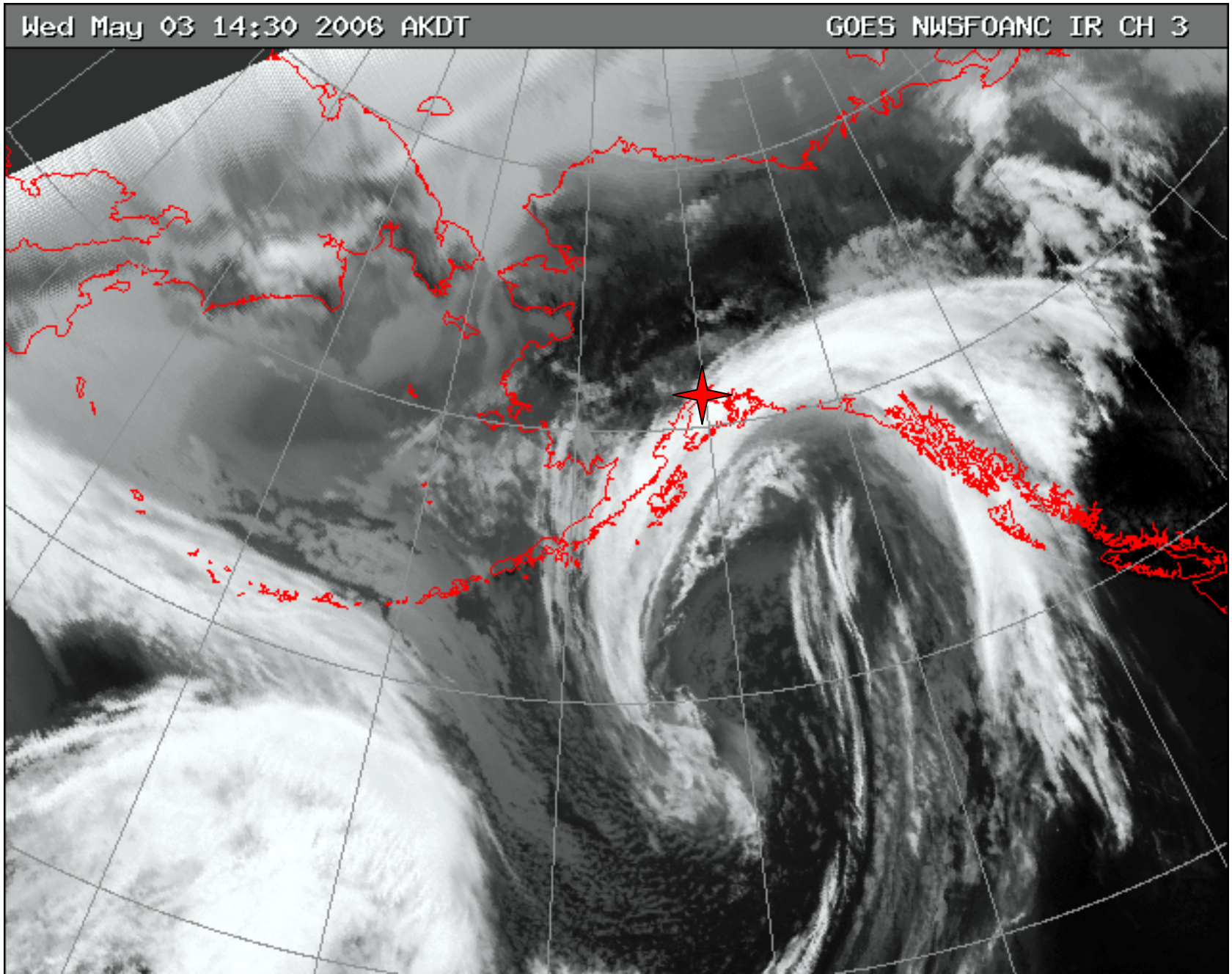
your eyes to the skies™



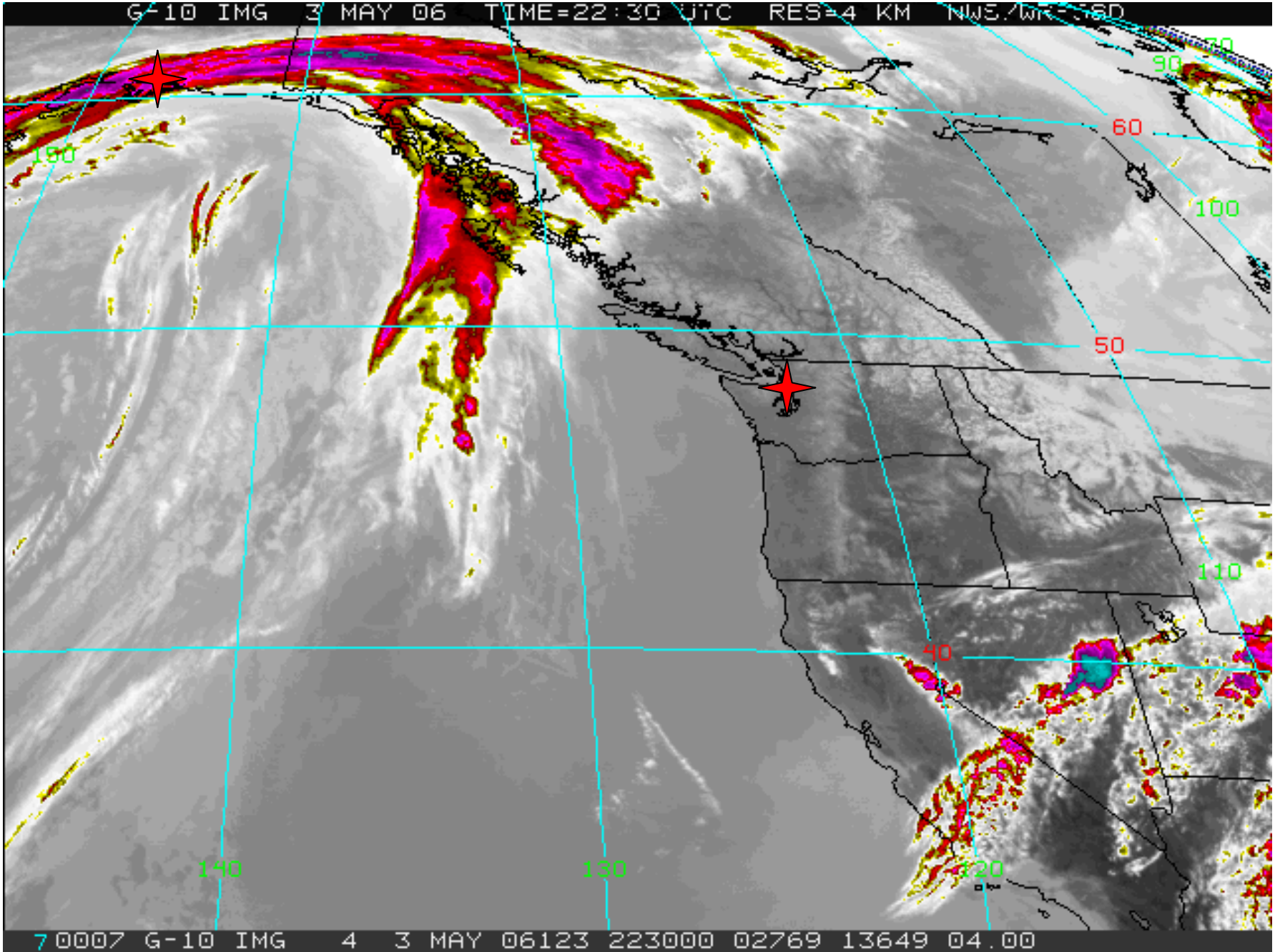
Recent GOES IR



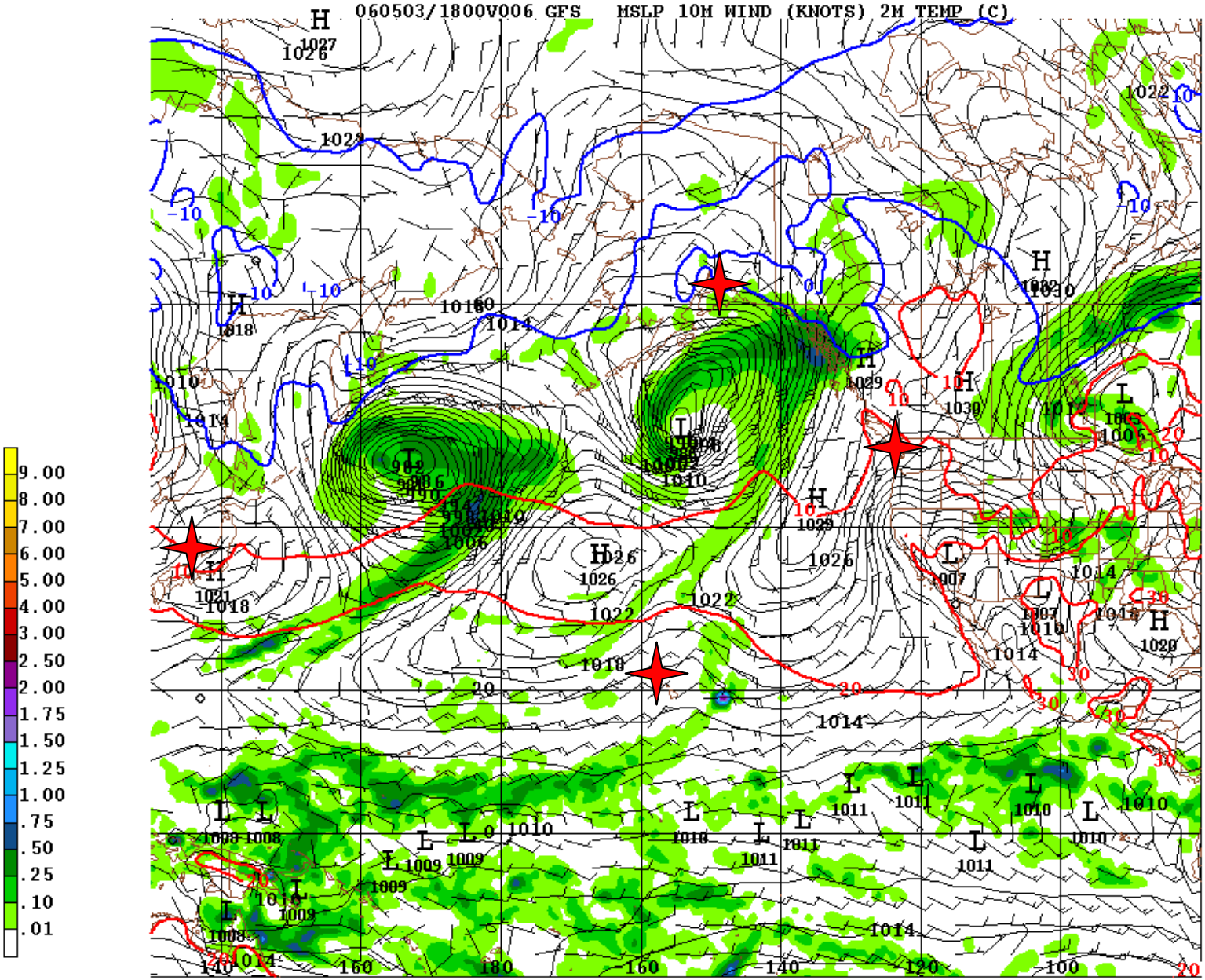
Local GOES IR



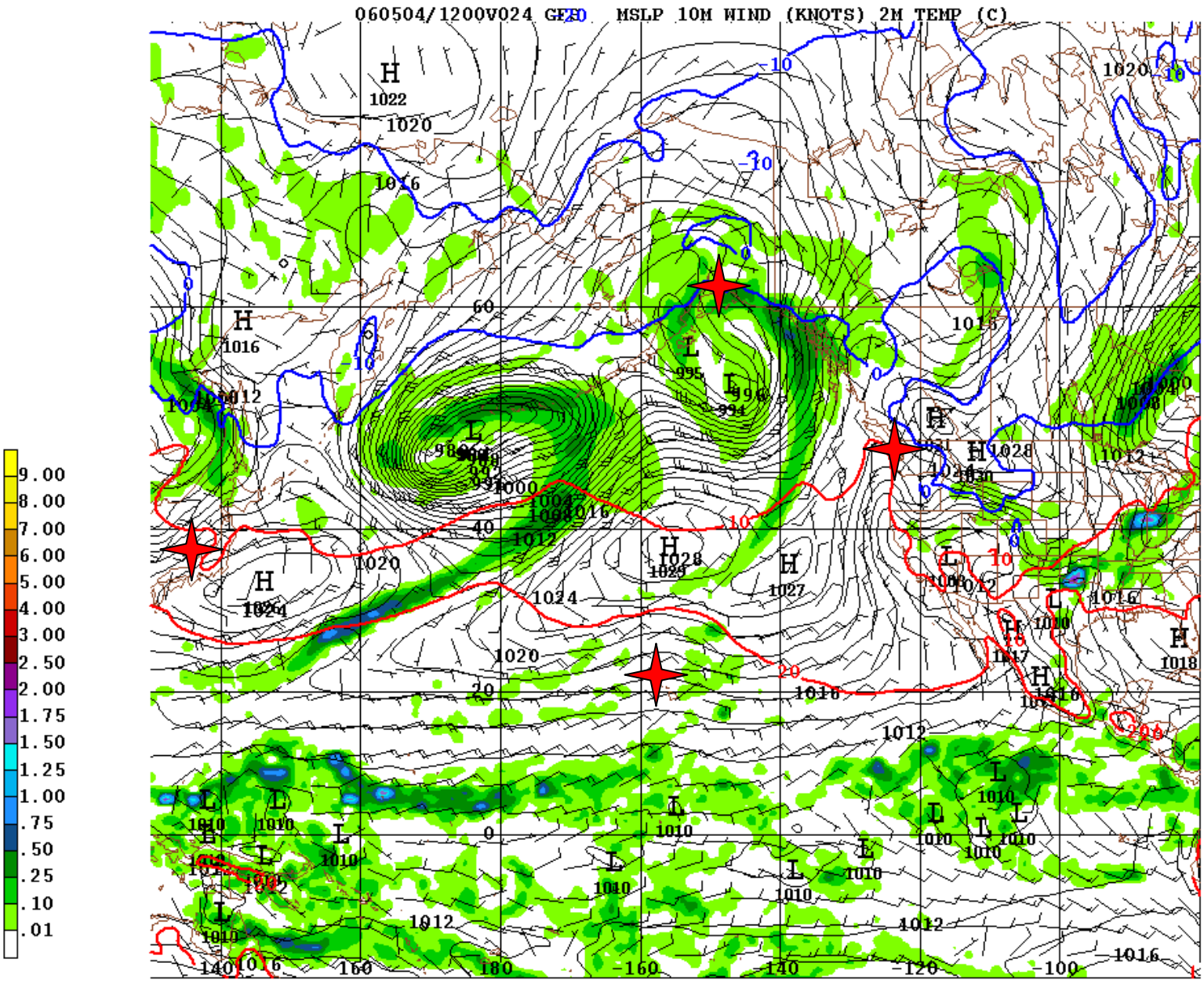
Seattle GOES IR



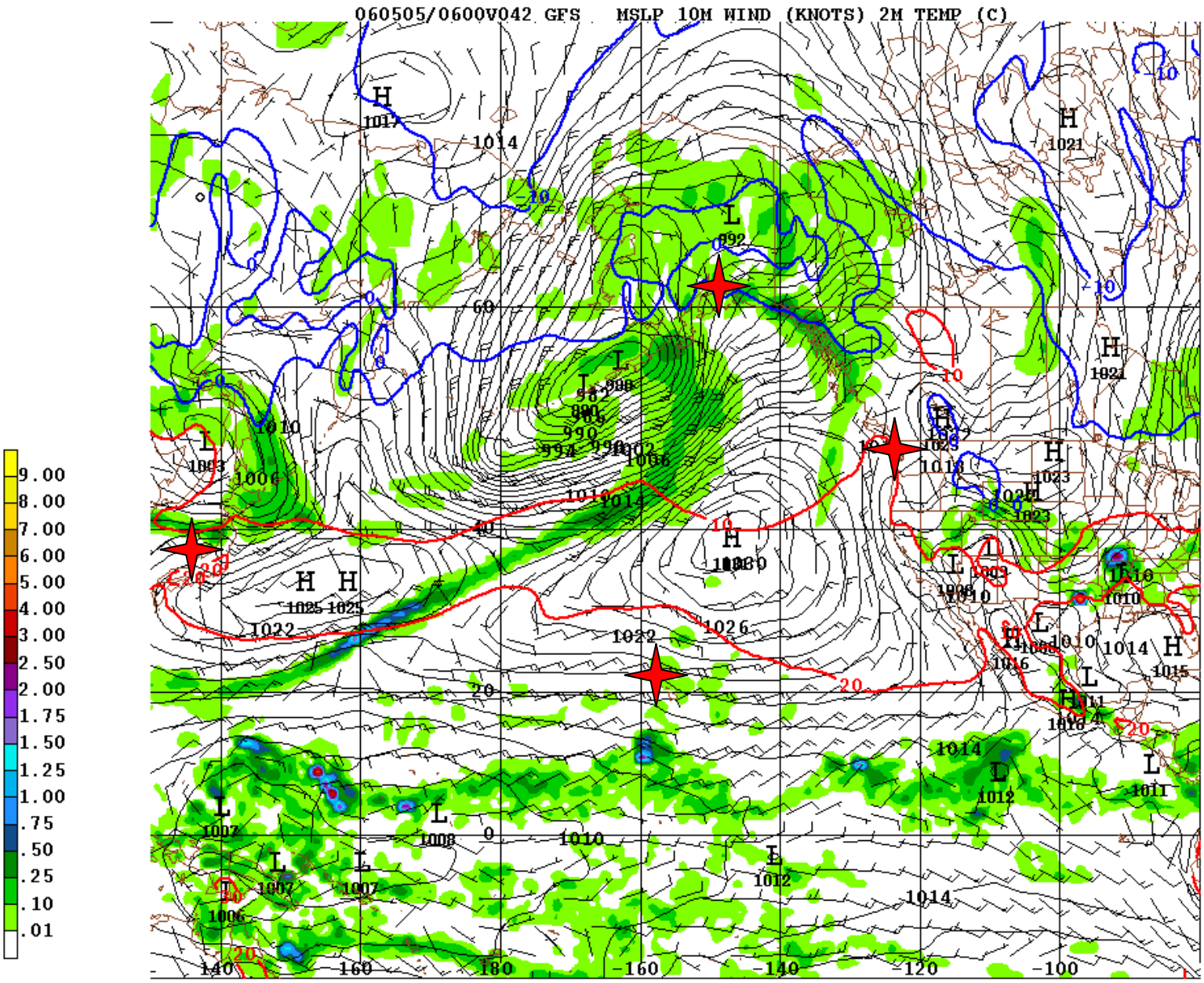
Surface Analysis – WED



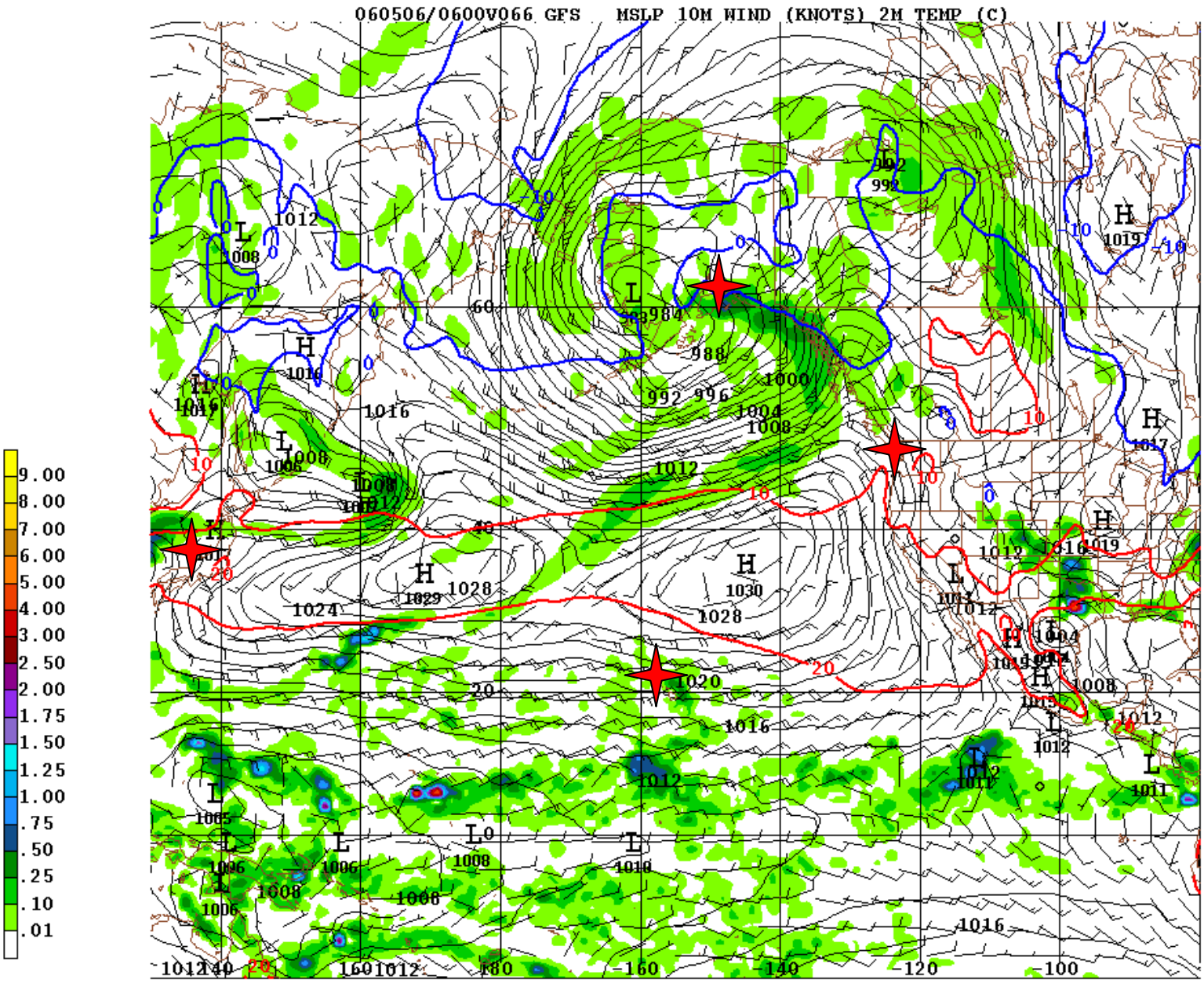
Surface Analysis – WED Evening



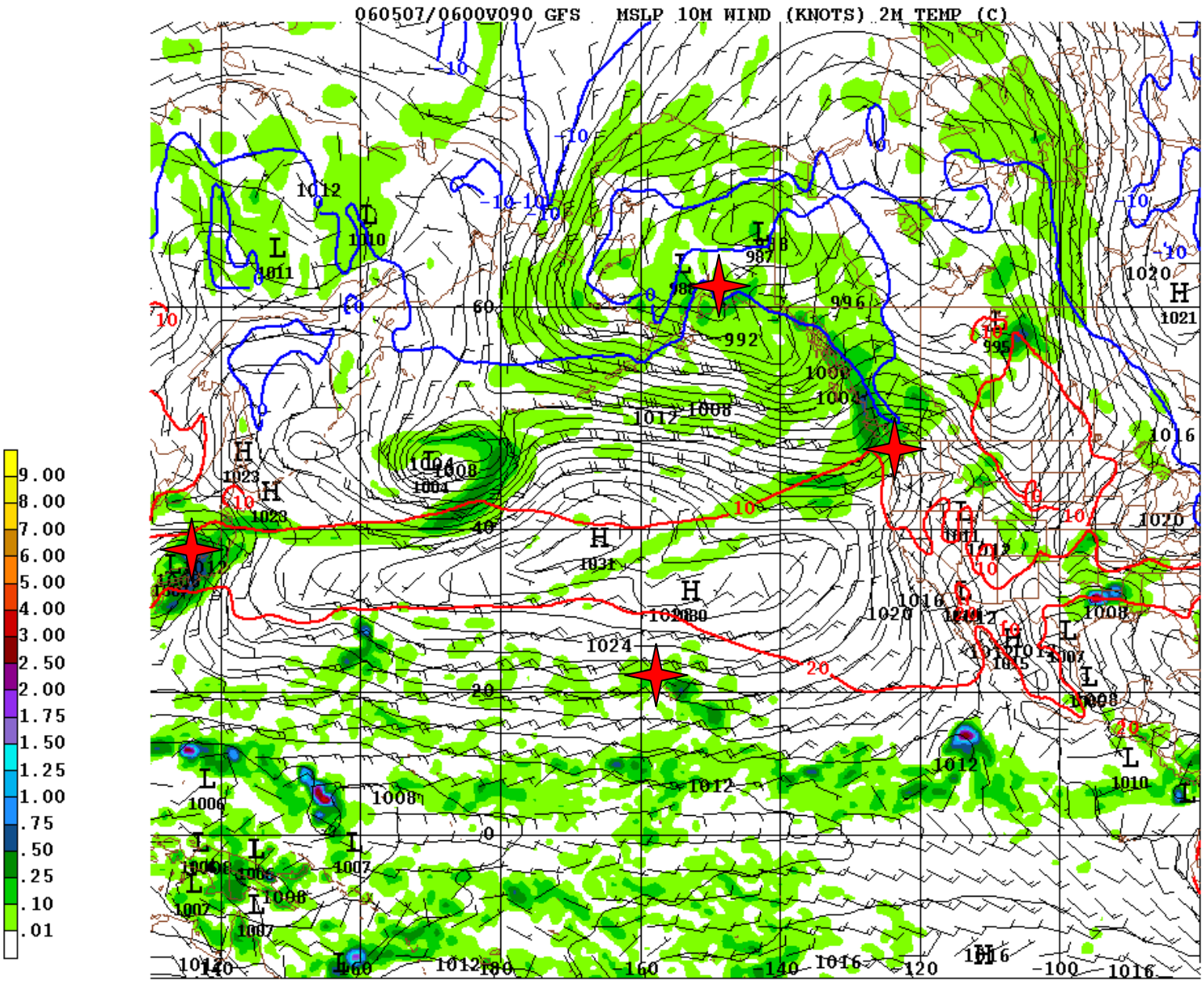
Surface Analysis – THU PM



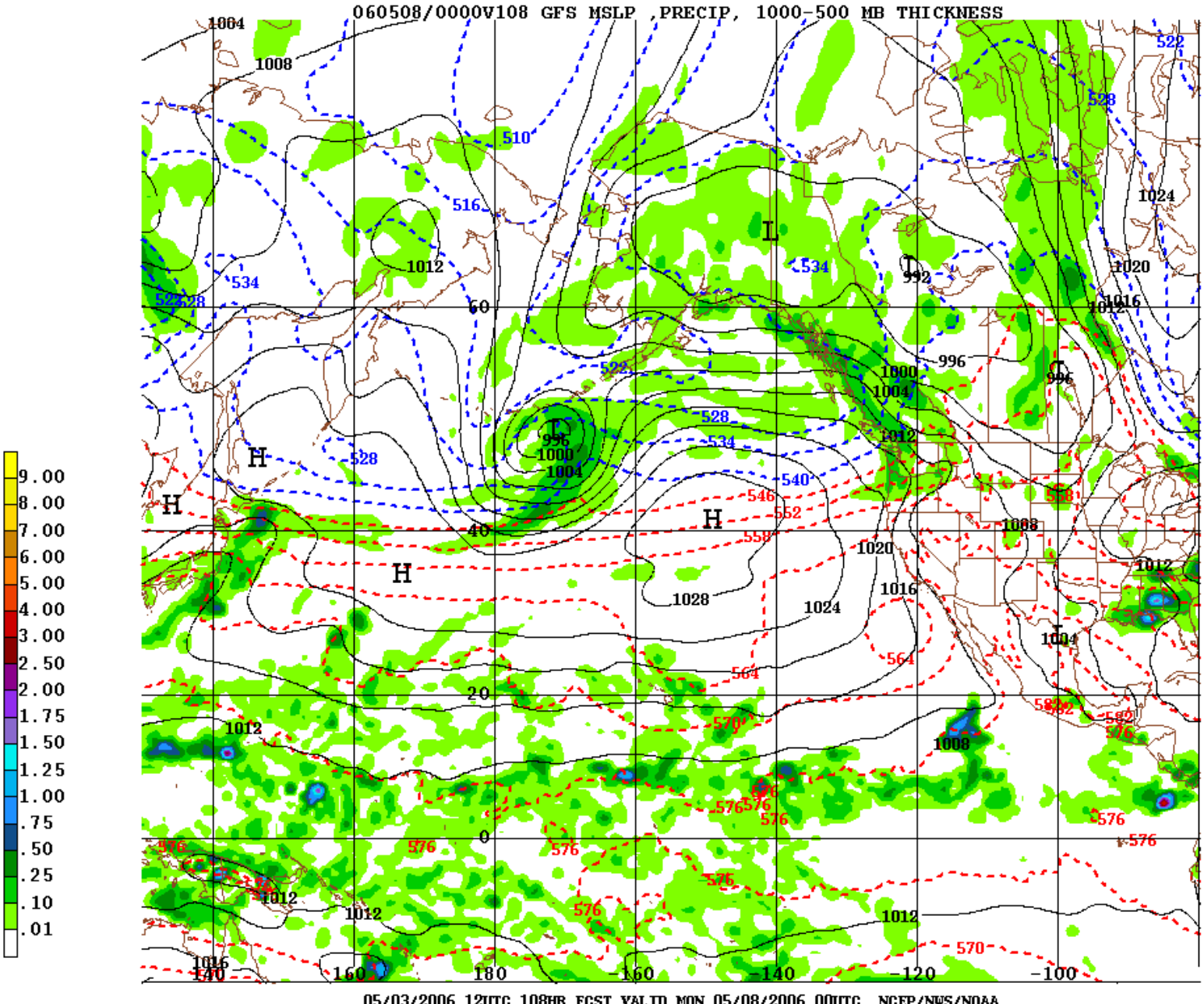
Surface Analysis – FRI PM



Surface Analysis – SAT PM



Surface Analysis – SUN PM



Local Anchorage Weather

TONIGHT

Chance
Of
Rain
Lo: 36°F

THURSDAY

Rain
Showers

Hi: 50°F

THURSDAY NIGHT

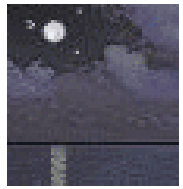
Rain
Showers

Lo: 35°F

FRIDAY

Chance
Of
Rain
Hi: 50°F

FRIDAY NIGHT

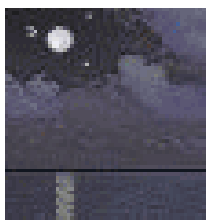


Slight
Chance
Showers
Lo: 36°F

SATURDAY

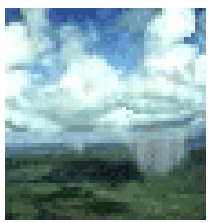
Chance
Of
Rain
Hi: 50°F

SATURDAY NIGHT



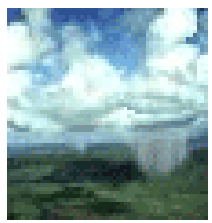
Chance
Of
Showers
Hi: 55°F
Lo: 35°F

SUNDAY



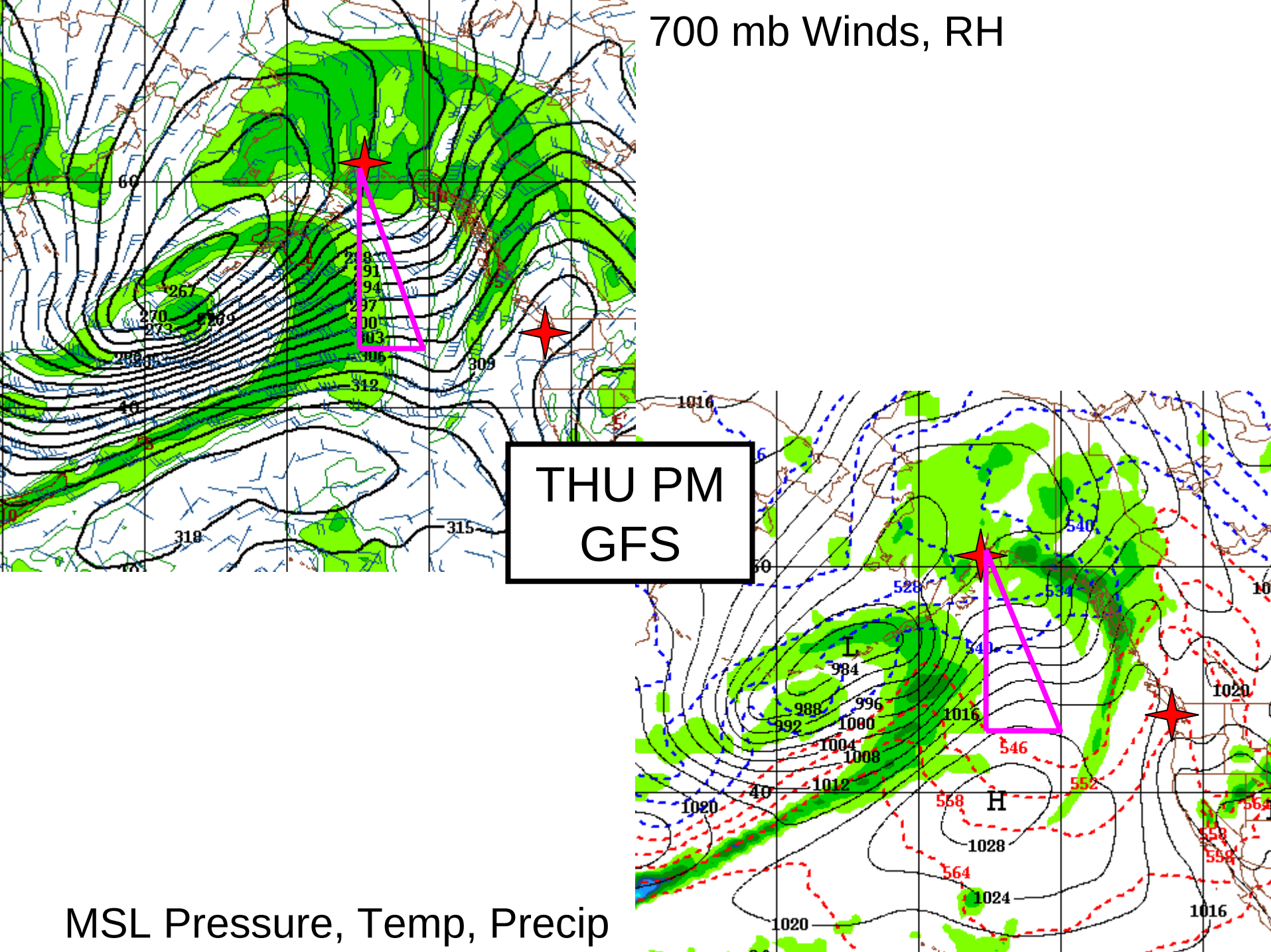
Chance
Of
Showers
Hi: 55°F
Lo: 35°F

MONDAY

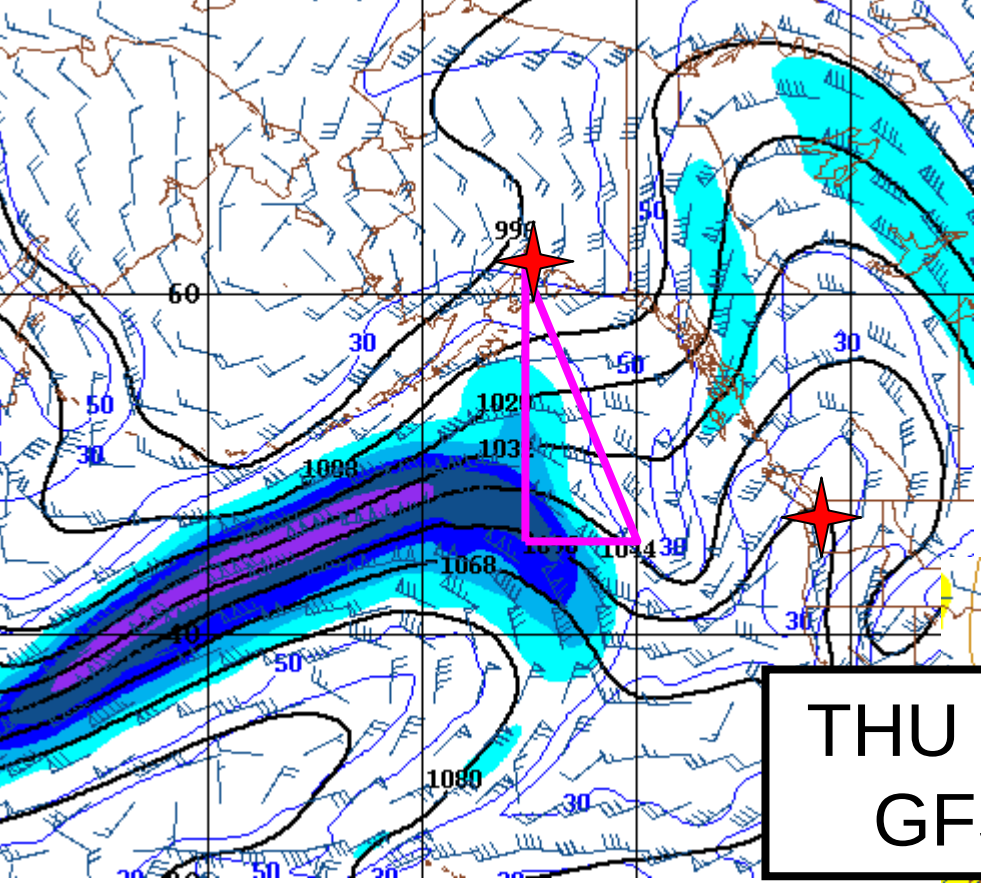


Chance
Of
Showers
Hi: 55°F
Lo: 35°F

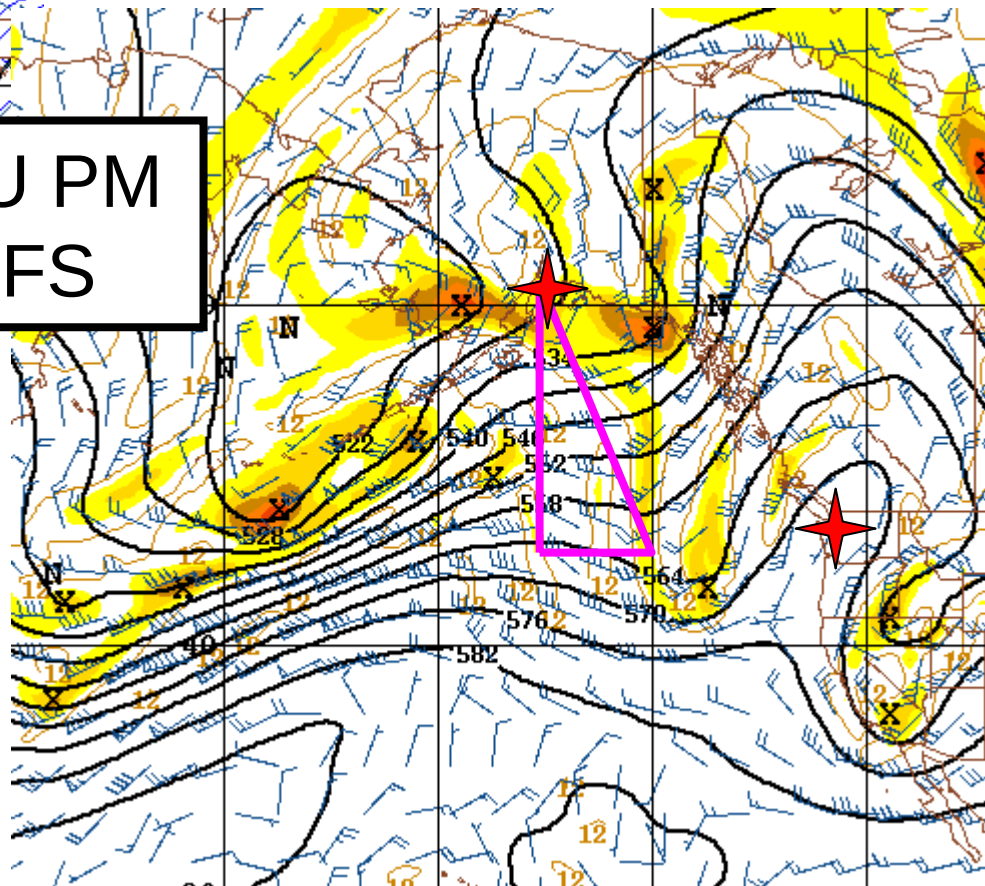
Thursday’s Conditions


700 mb Winds, RH
THU PM
GFS
MSL Pressure, Temp, Precip

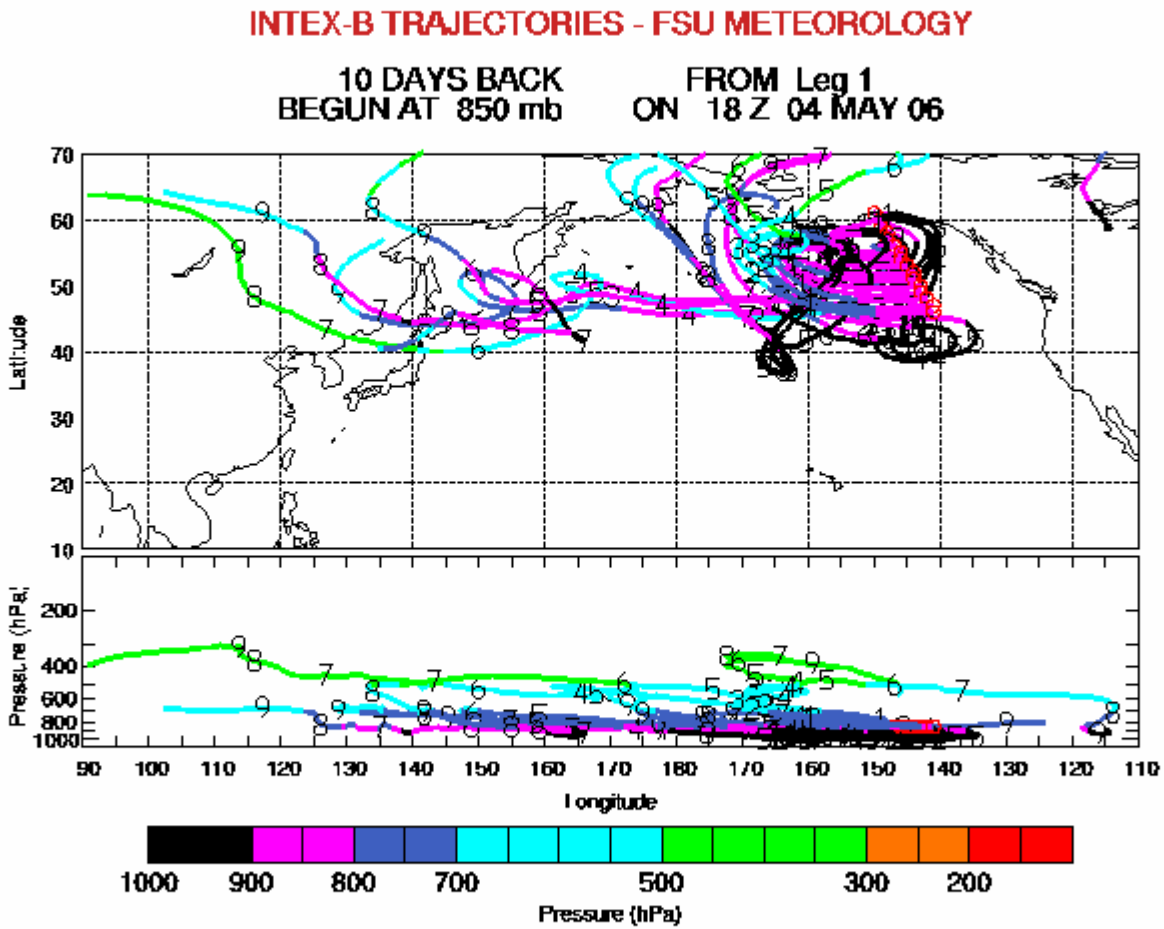
250 mb Winds, Heights

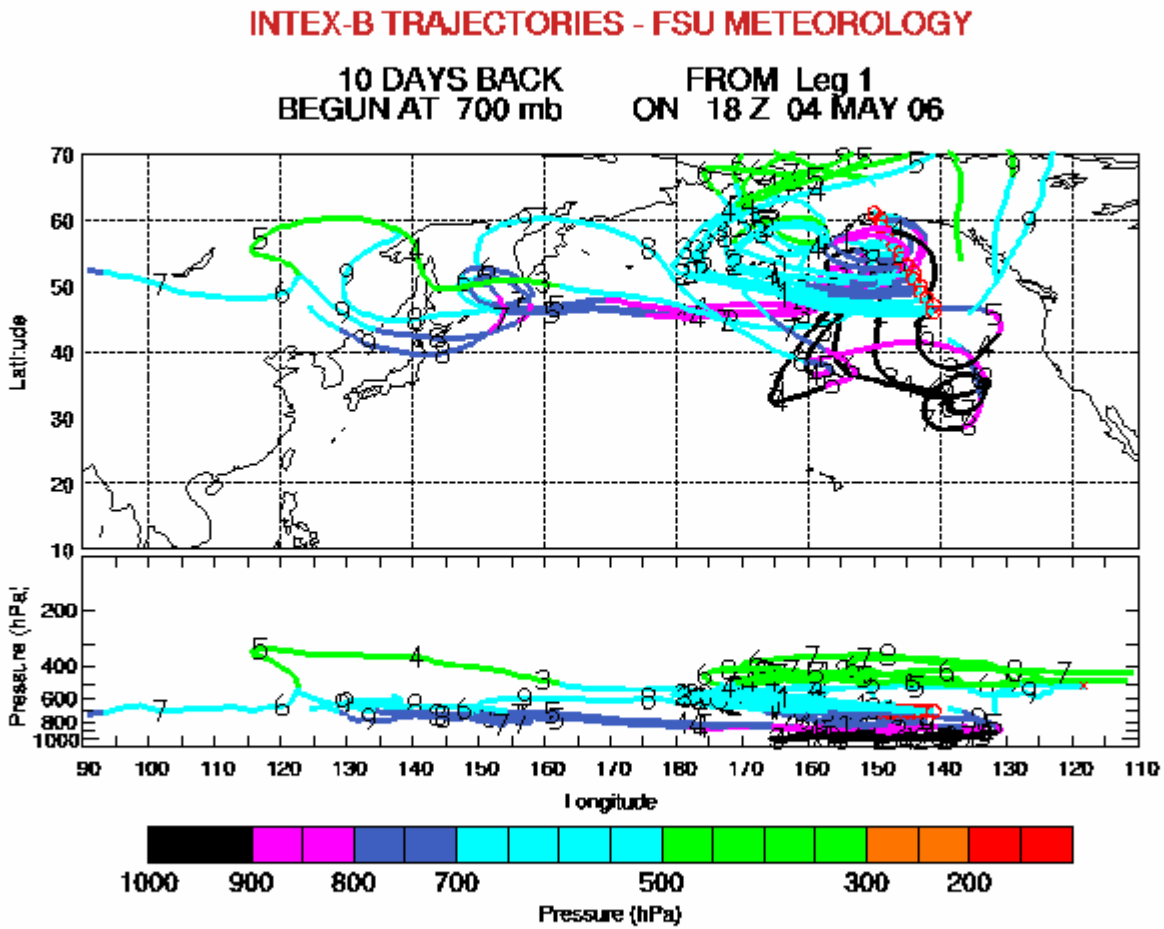


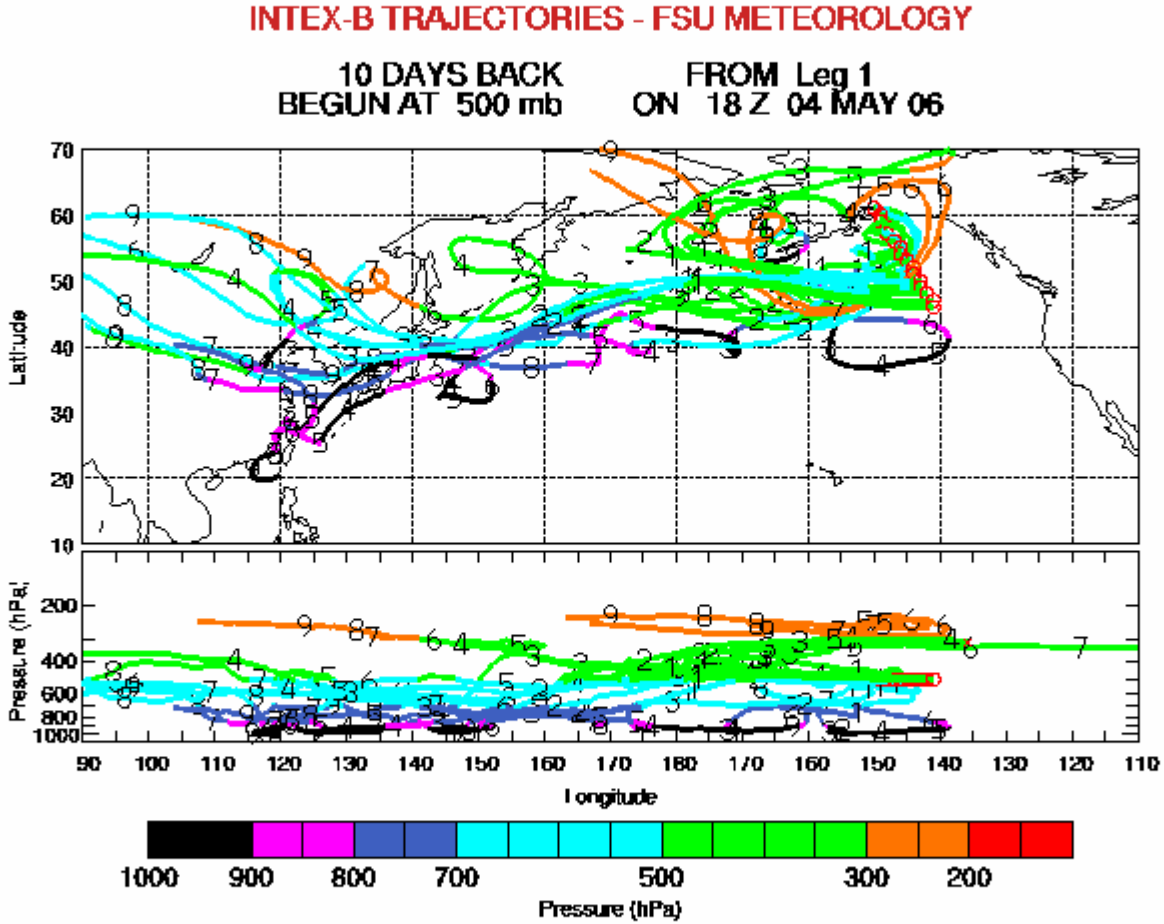
THU PM
GFS

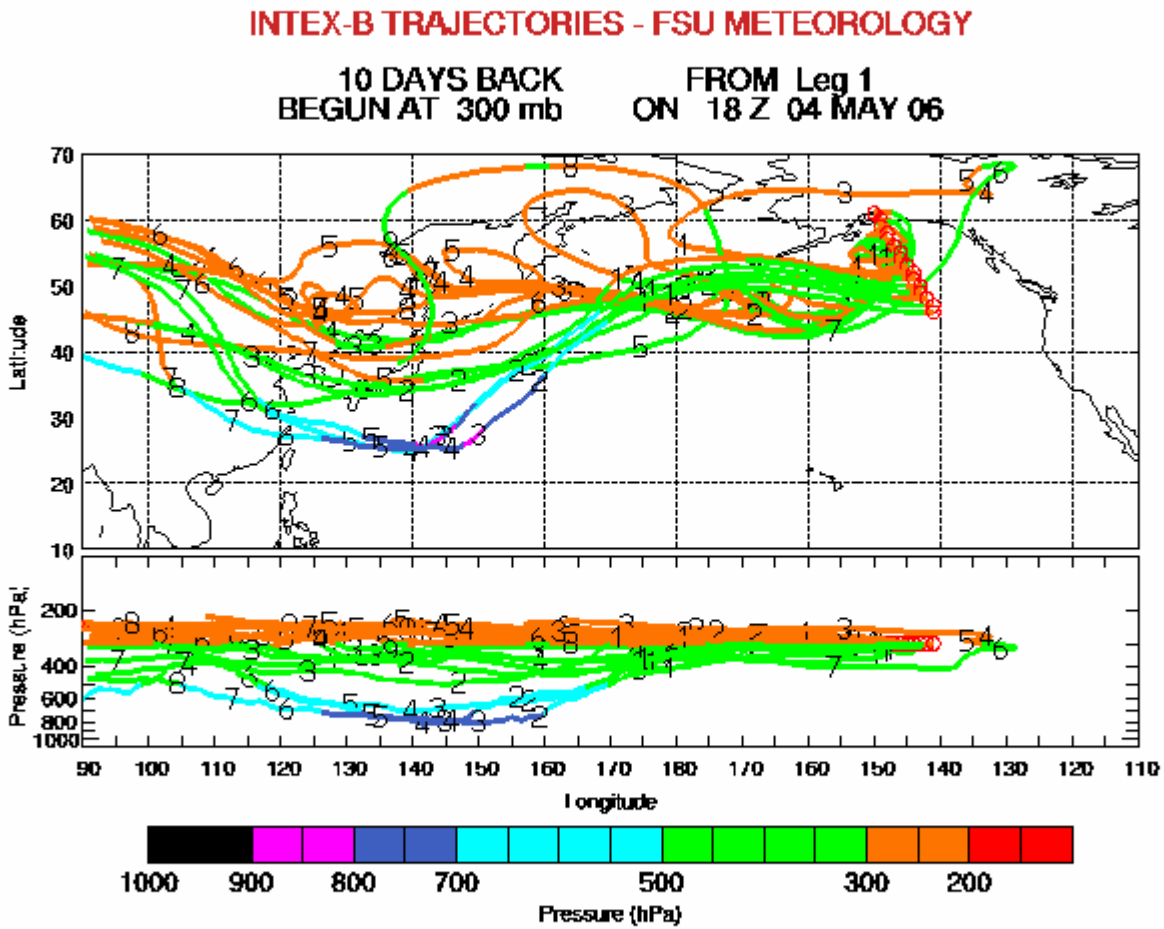


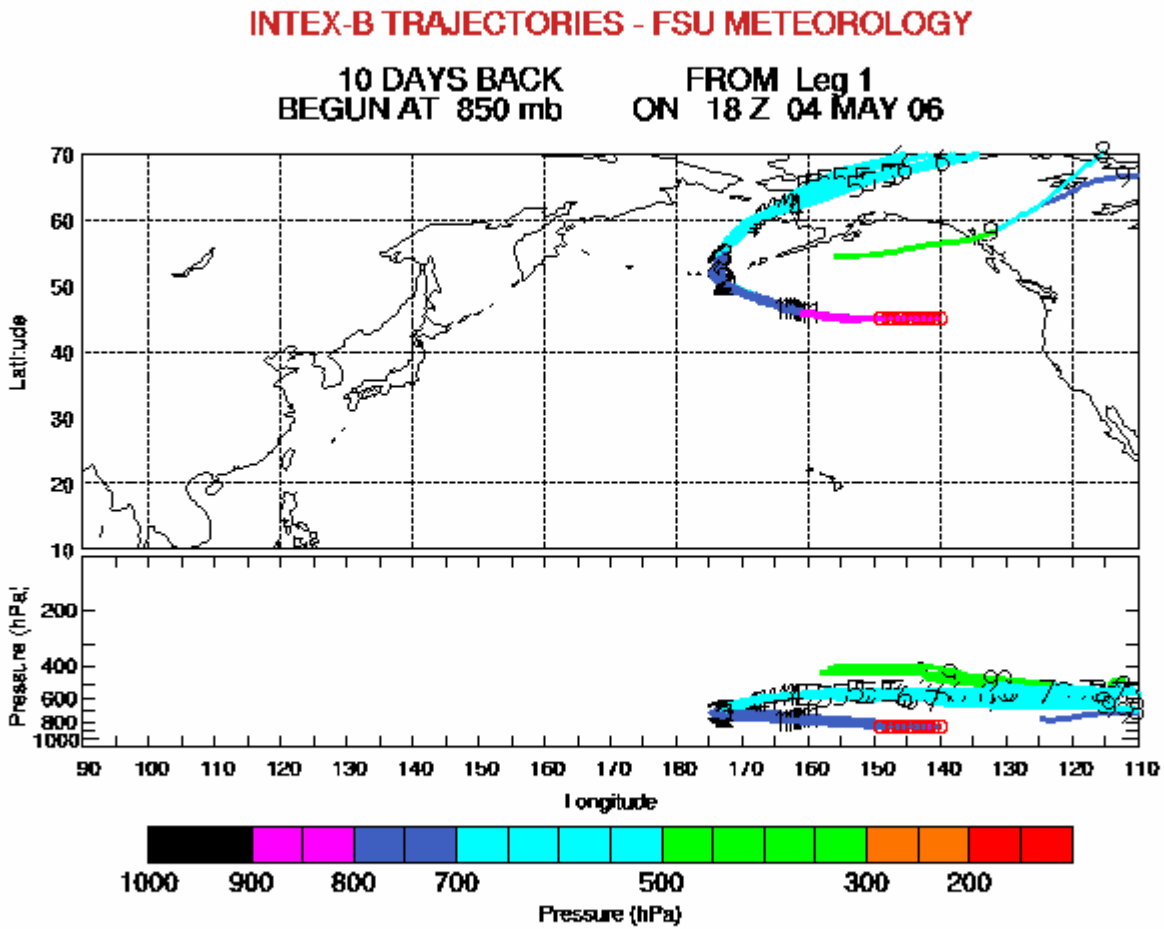
500 mb Winds, Vorticity

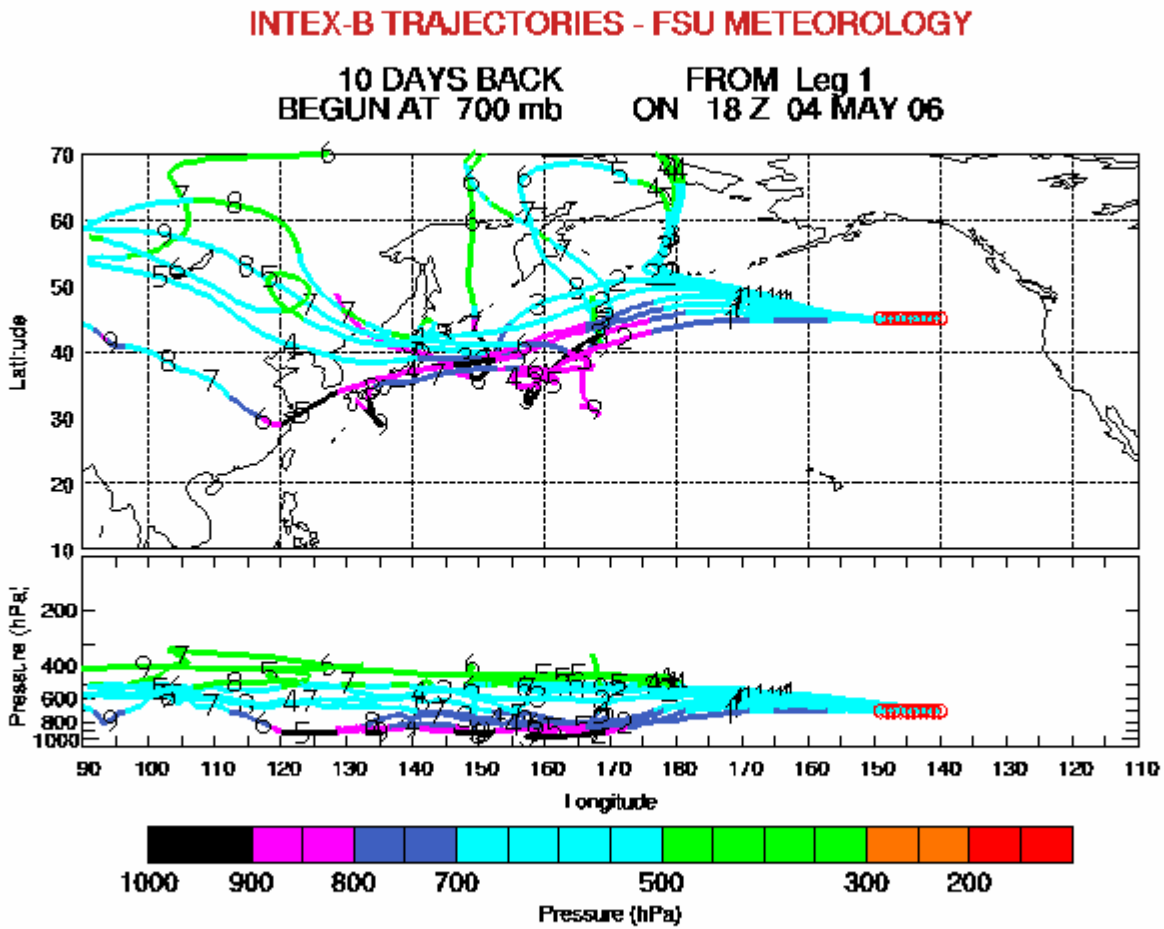

INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 850 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
Pressure (hPa)
Longitude
1000 900 800 700 500 300 200
Pressure (hPa)

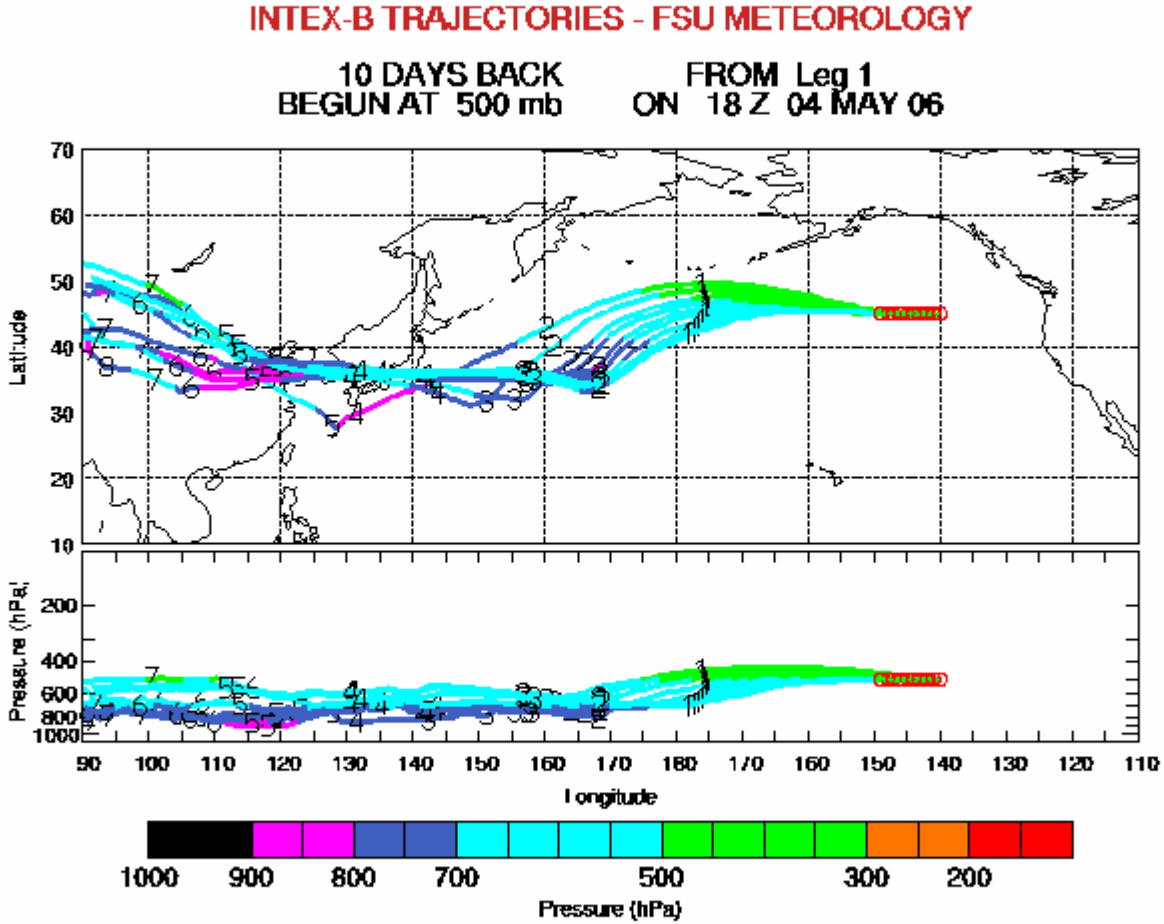

INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 700 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
Pressure (hPa)
Longitude
1000
900
800
700
500
300
200
Pressure (hPa)

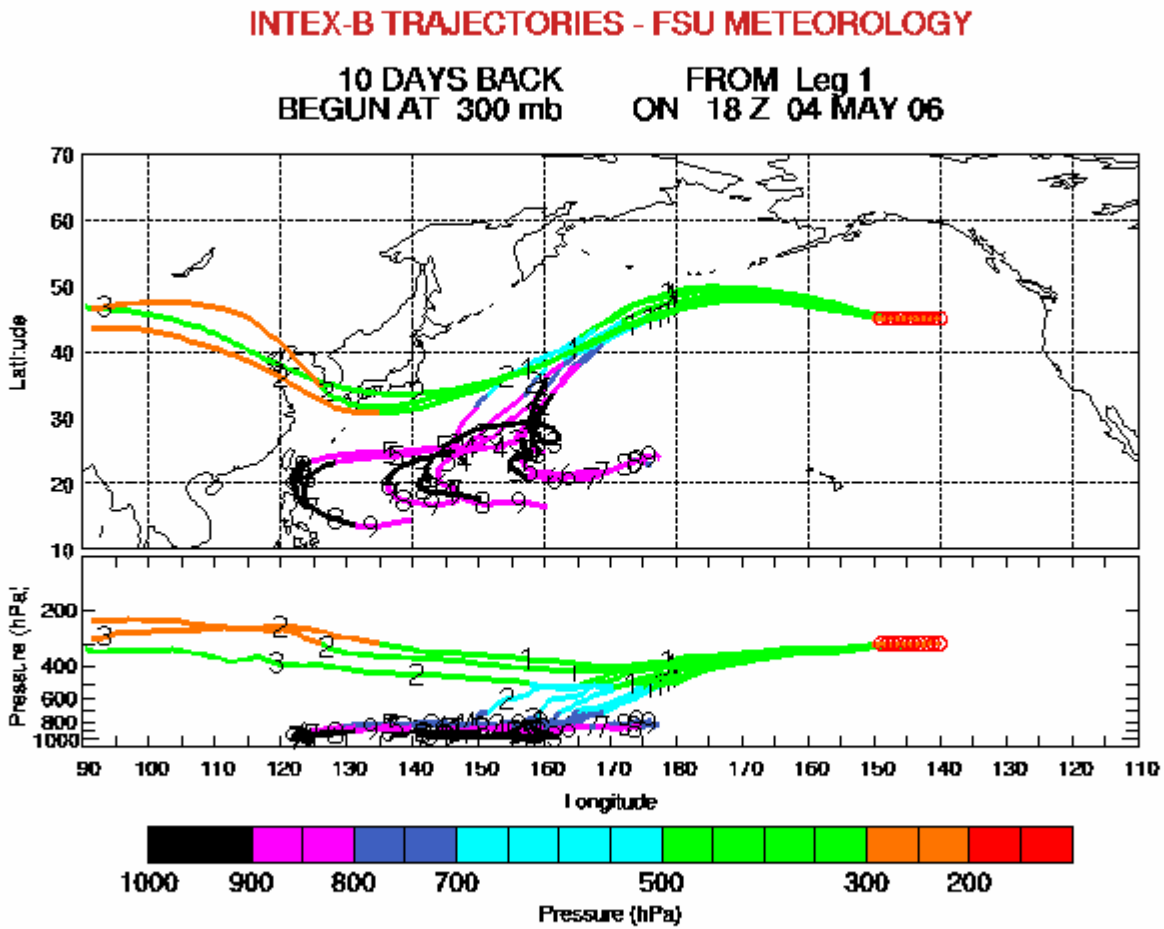

INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 500 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
Pressure (hPa)
Longitude
Pressure (hPa)


INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 300 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
Pressure (hPa)
Longitude
1000
900
800
700
500
300
200
Pressure (hPa)

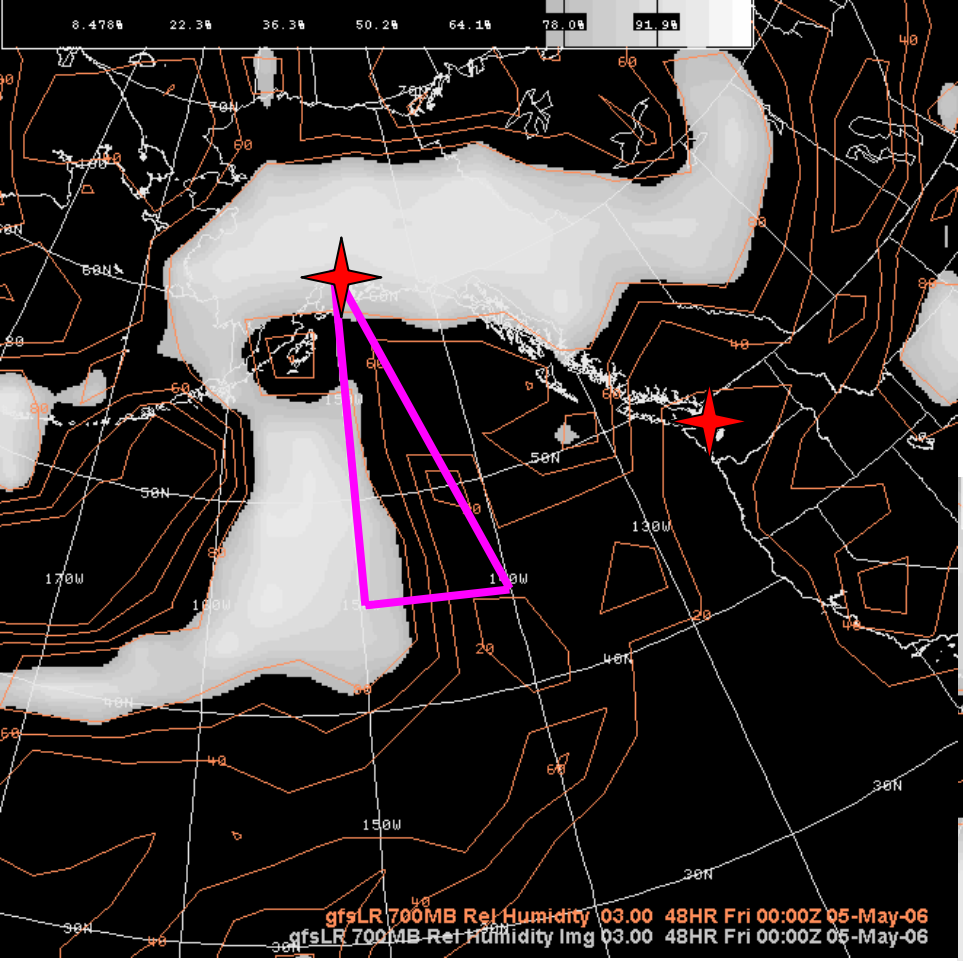

INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 850 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
70
60
50
40
30
20
10
Pressure (hPa)
200
400
600
800
1000
90 100 110 120 130 140 150 160 170 180 170 160 150 140 130 120 110
Longitude
1000 900 800 700 500 300 200
Pressure (hPa)


INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 700 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
Pressure (hPa)
Longitude
1000
900
800
700
500
300
200
Pressure (hPa)


INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 500 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
Pressure (hPa)
Longitude
1000
900
800
700
500
300
200
Pressure (hPa)


INTEX-B TRAJECTORIES - FSU METEOROLOGY
10 DAYS BACK
BEGUN AT 300 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
Pressure (hPa)
Longitude
Pressure (hPa)

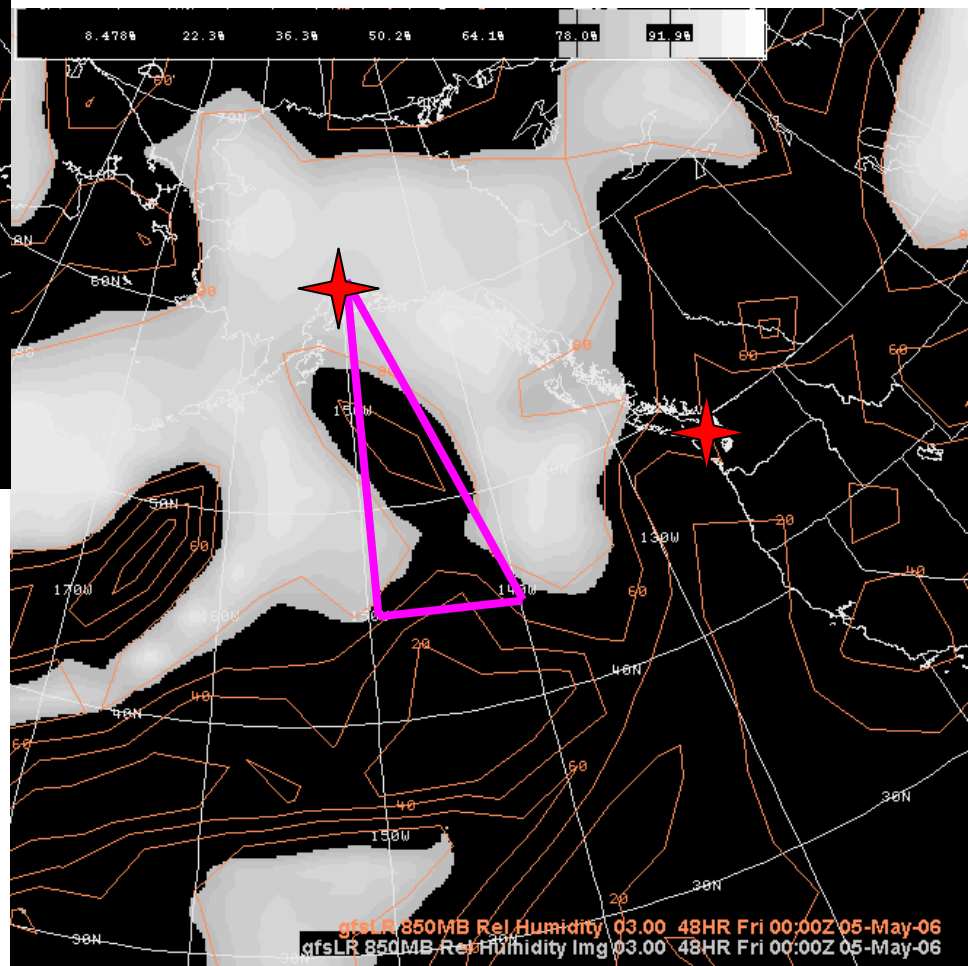
700 mb



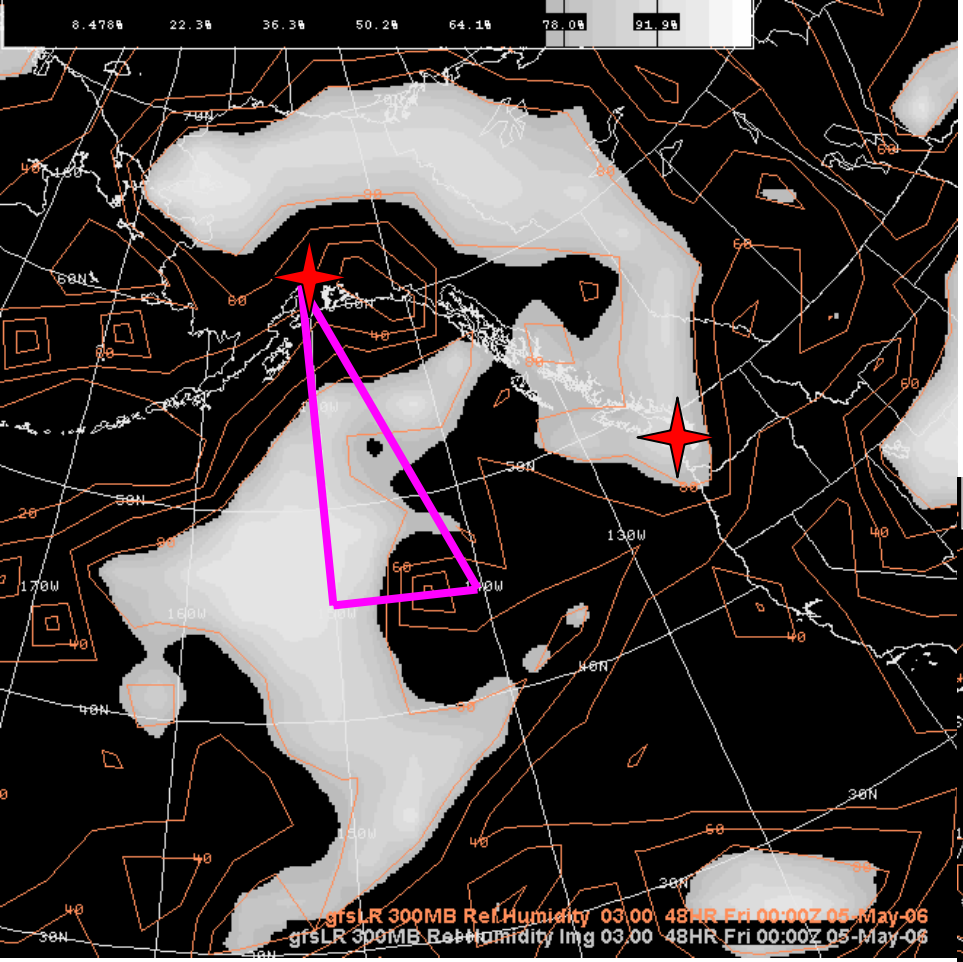
THU PM

clouds
(relative humidity)

850 mb



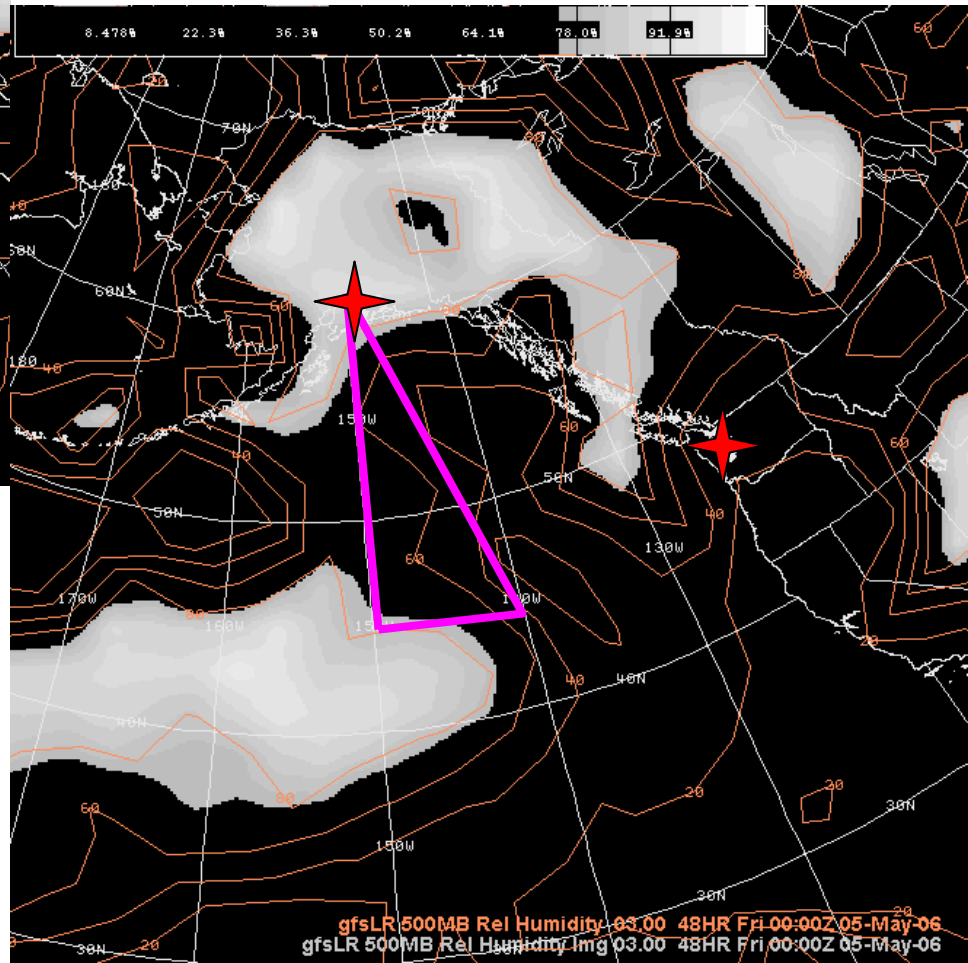
300 mb

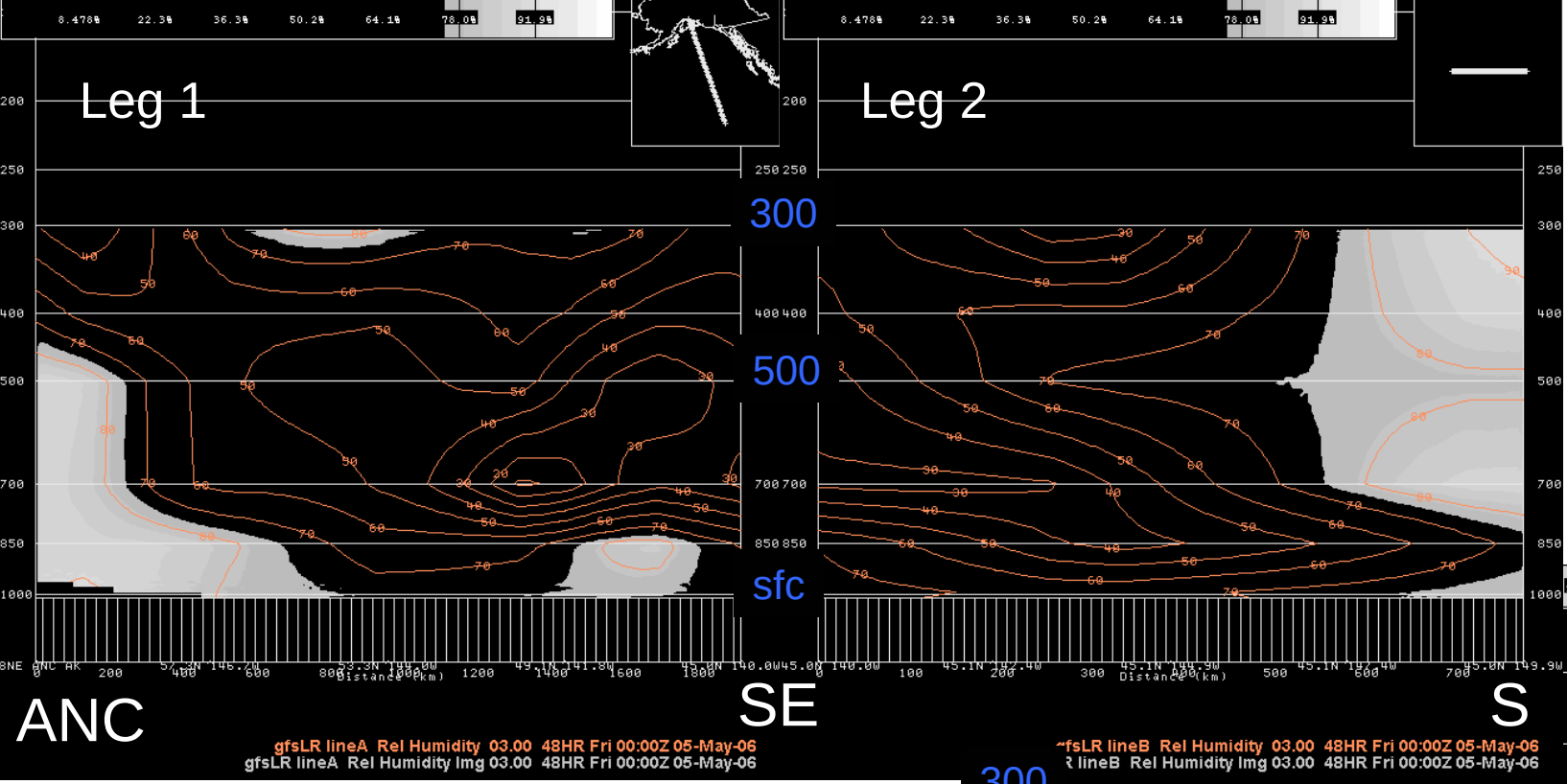


THU PM

clouds
(relative humidity)

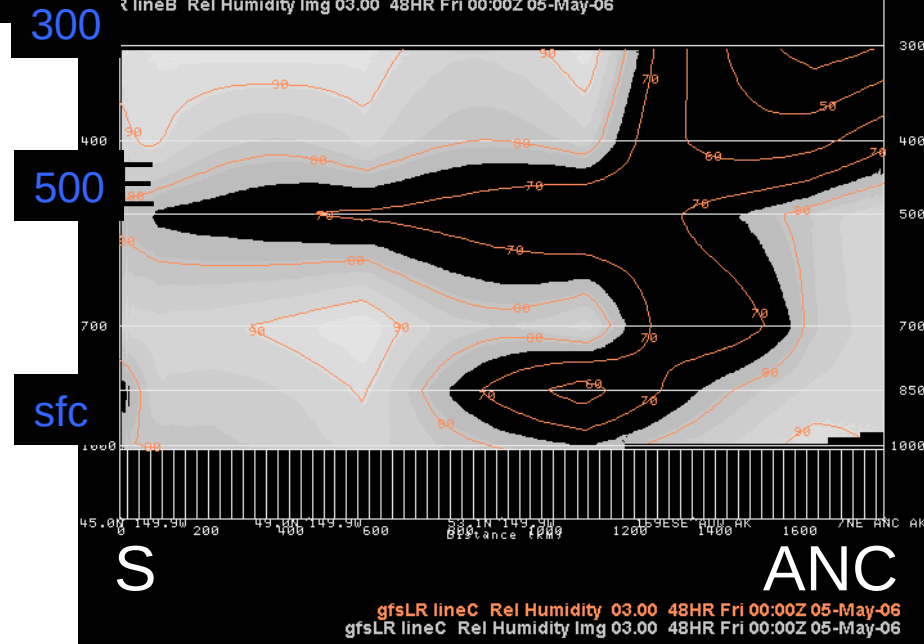
500 mb

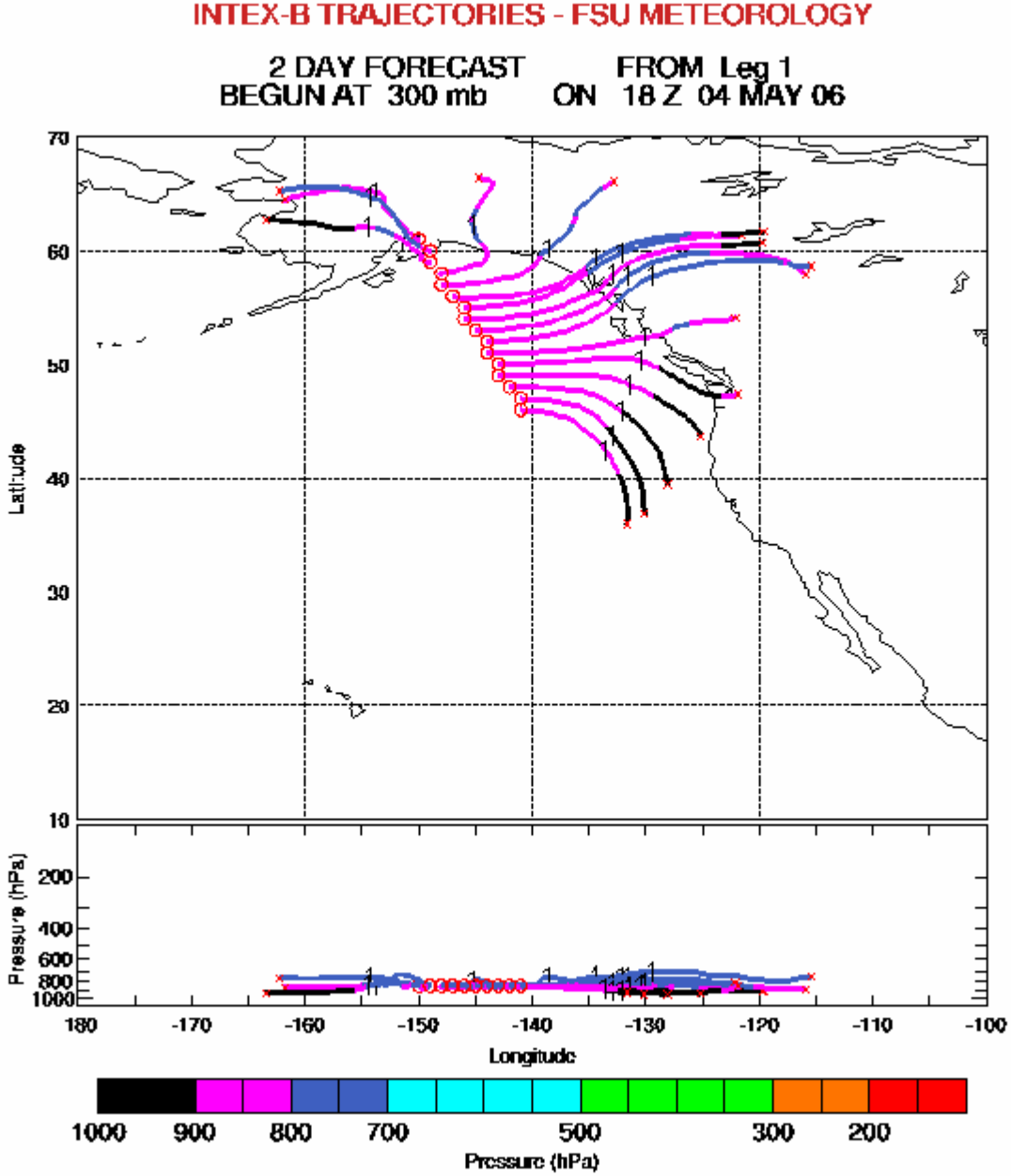




THU PM

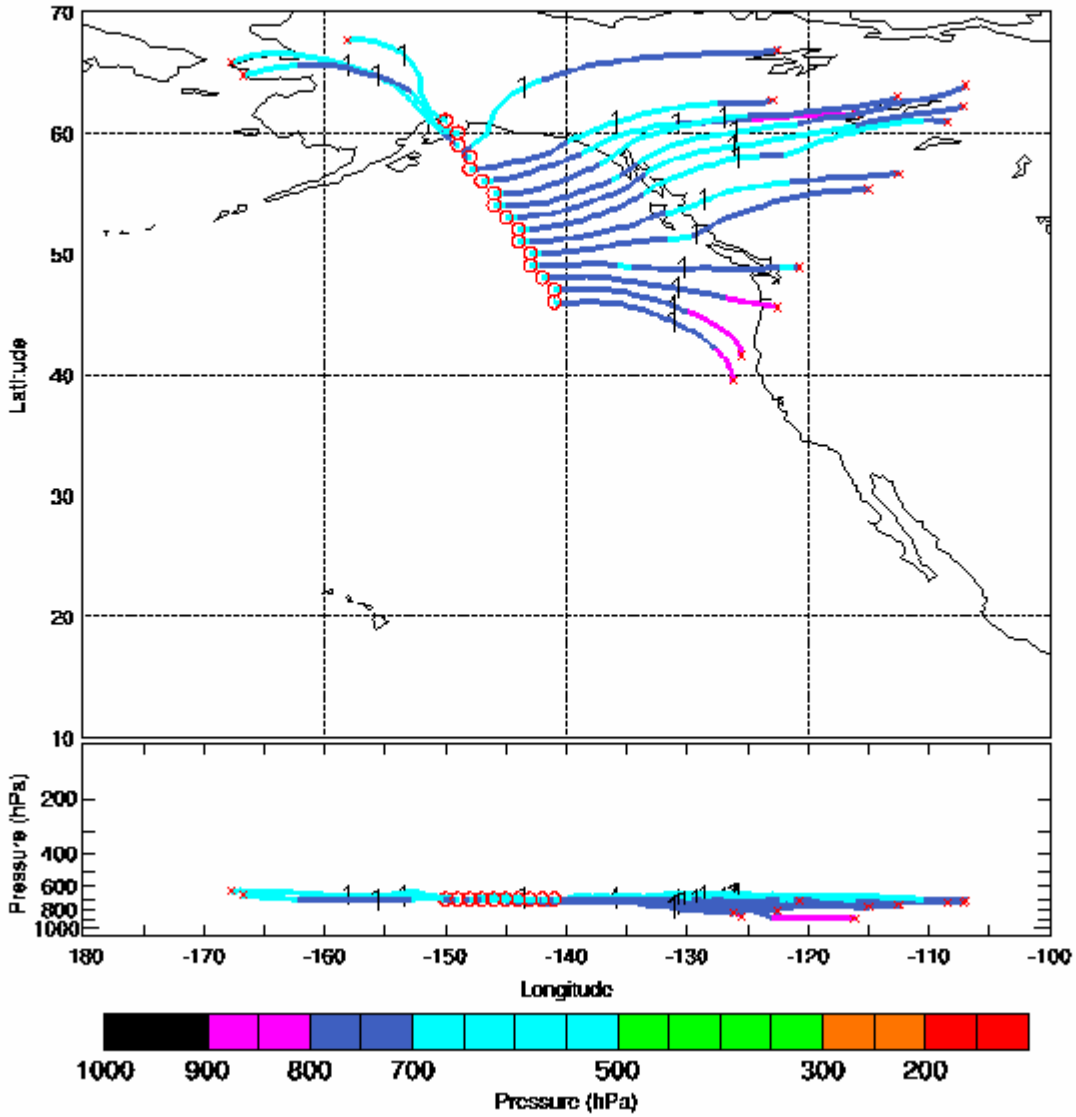
clouds along path legs
(relative humidity)

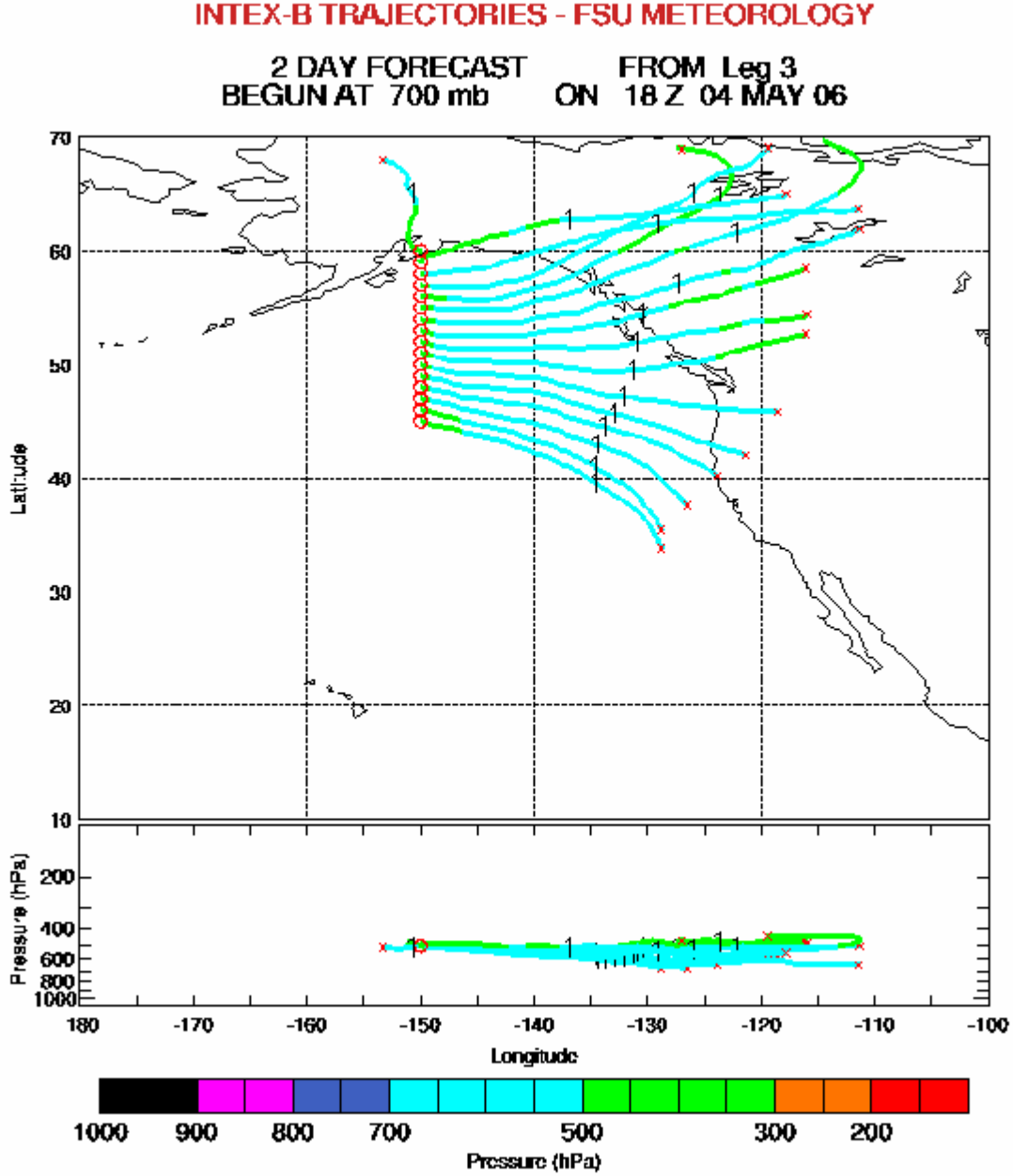


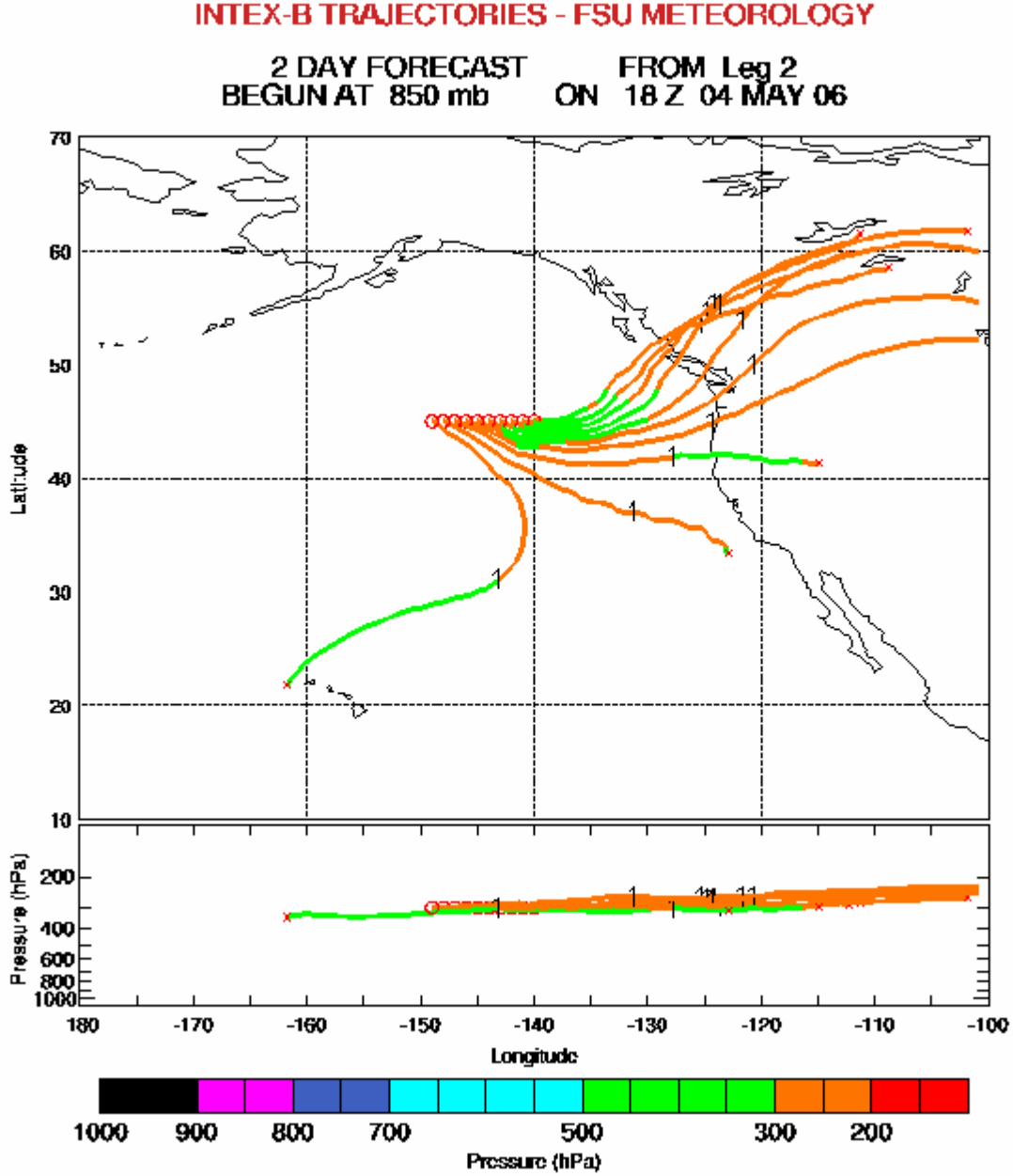

INTEX-B TRAJECTORIES - FSU METEOROLOGY
2 DAY FORECAST
BEGUN AT 300 mb
FROM Leg 1
ON 18 Z 04 MAY 06
Latitude
70
60
50
40
30
20
10
Pressure (hPa)
200
400
600
800
1000
180
-170
-160
-150
-140
-130
-120
-110
-100
Longitude
1000
900
800
700
500
300
200
Pressure (hPa)

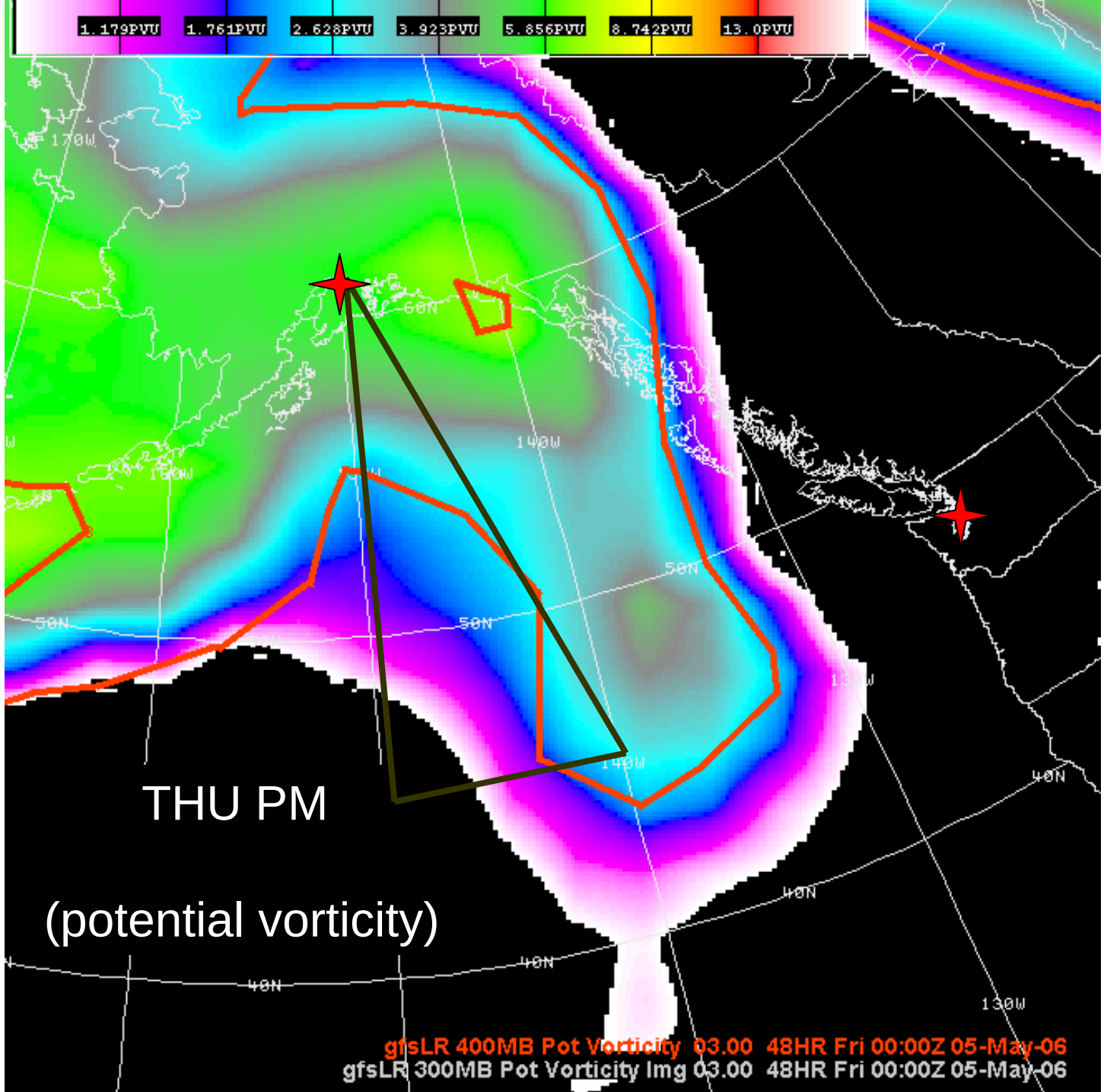
INTEX-B TRAJECTORIES - FSU METEOROLOGY

2 DAY FORECAST FROM Leg 1
BEGUN AT 500 mb ON 18 Z 04 MAY 06



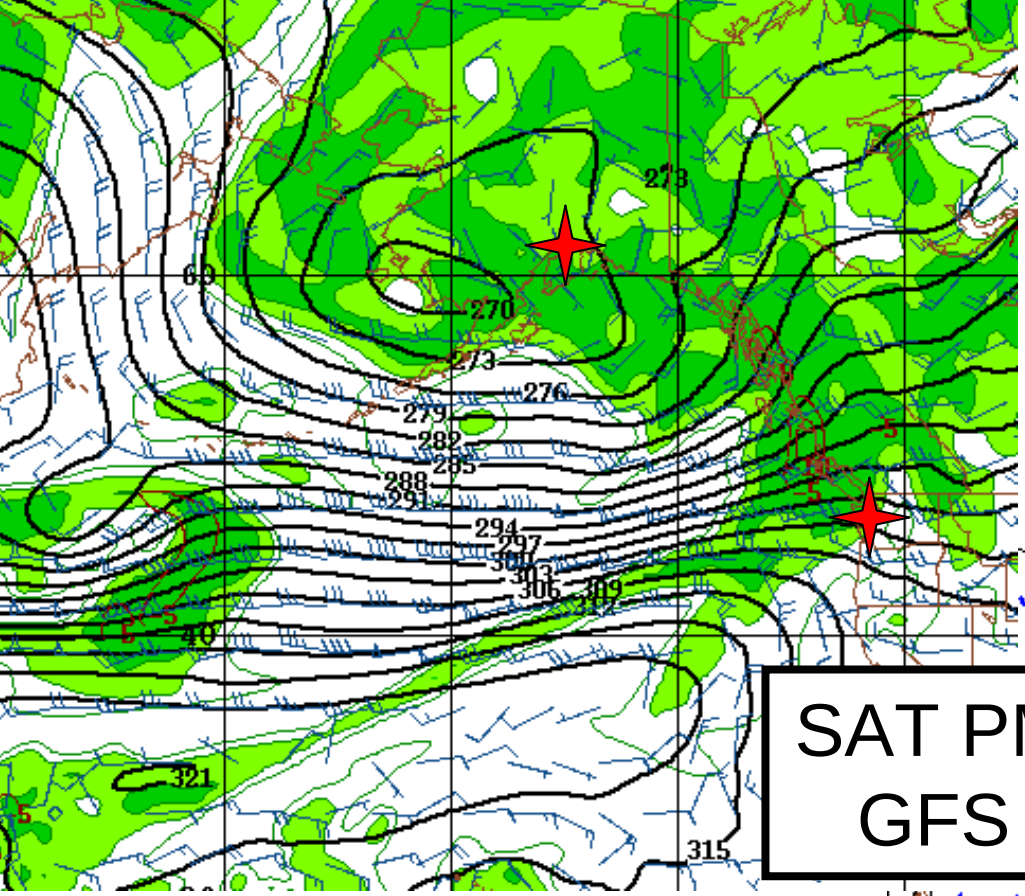

INTEX-B TRAJECTORIES - FSU METEOROLOGY
2 DAY FORECAST
BEGUN AT 700 mb
FROM Leg 3
ON 18 Z 04 MAY 06
Latitude
70
60
50
40
30
20
10
Pressure (hPa)
200
400
600
800
1000
180
-170
-160
-150
-140
-130
-120
-110
-100
Longitude
1000
900
800
700
500
300
200
Pressure (hPa)


INTEX-B TRAJECTORIES - FSU METEOROLOGY
2 DAY FORECAST
BEGUN AT 850 mb
FROM Leg 2
ON 18 Z 04 MAY 06
Latitude
70
60
50
40
30
20
10
Pressure (hPa)
200
400
600
800
1000
180
-170
-160
-150
-140
-130
-120
-110
-100
Longitude
1000
900
800
700
500
300
200
Pressure (hPa)

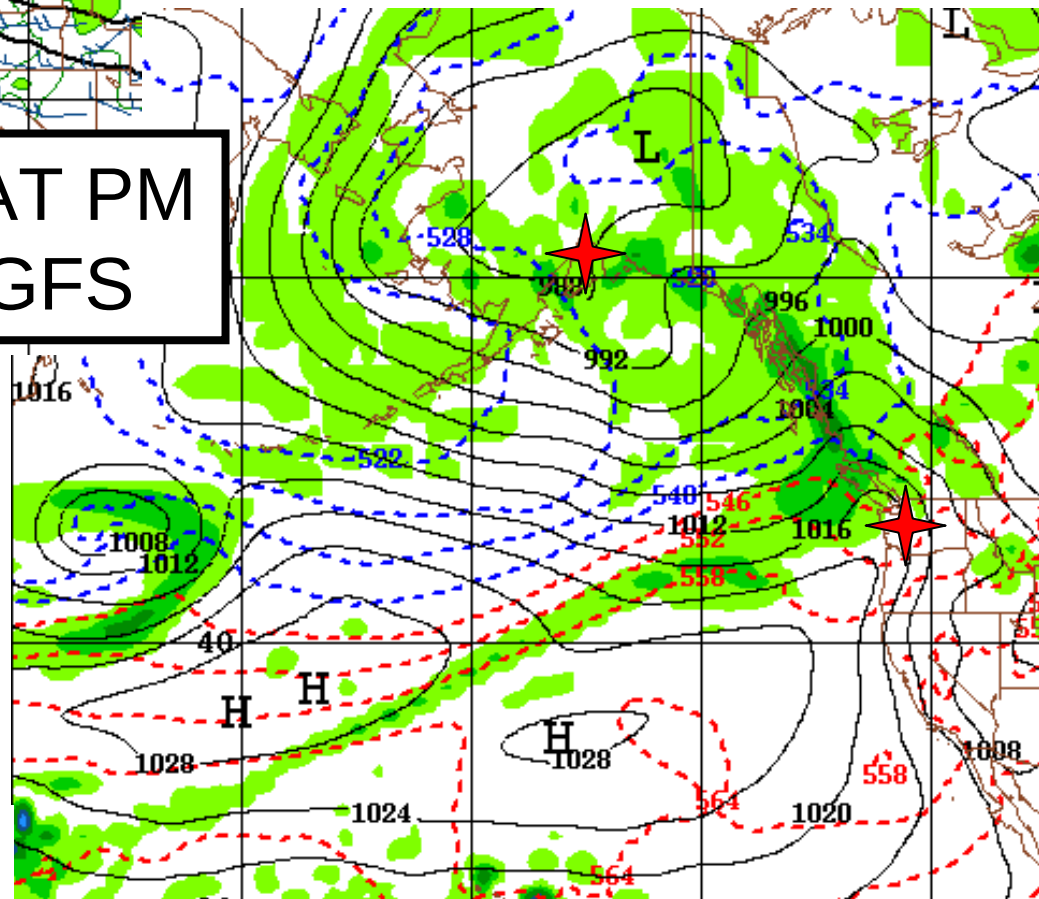

1.179PVU
1.761PVU
2.628PVU
3.923PVU
5.856PVU
8.742PVU
13.0PVU
170W
160W
150W
140W
130W
60N
50N
40N
THU PM
(potential vorticity)
gfsLR 400MB Pot Vorticity 03.00 48HR Fri 00:00Z 05-May-06
gfsLR 300MB Pot Vorticity Img 03.00 48HR Fri 00:00Z 05-May-06

Saturday’s Conditions

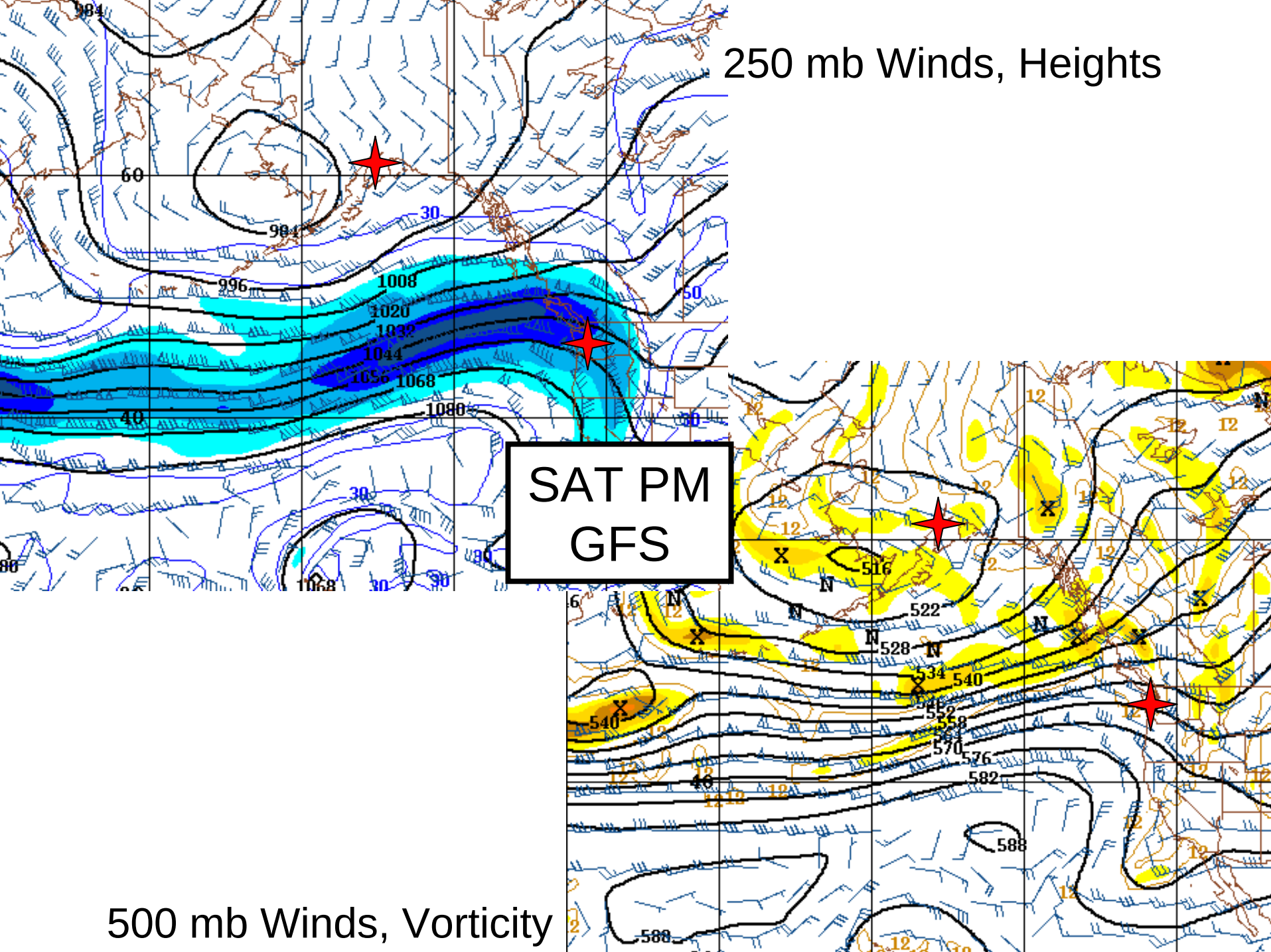
700 mb Winds, RH



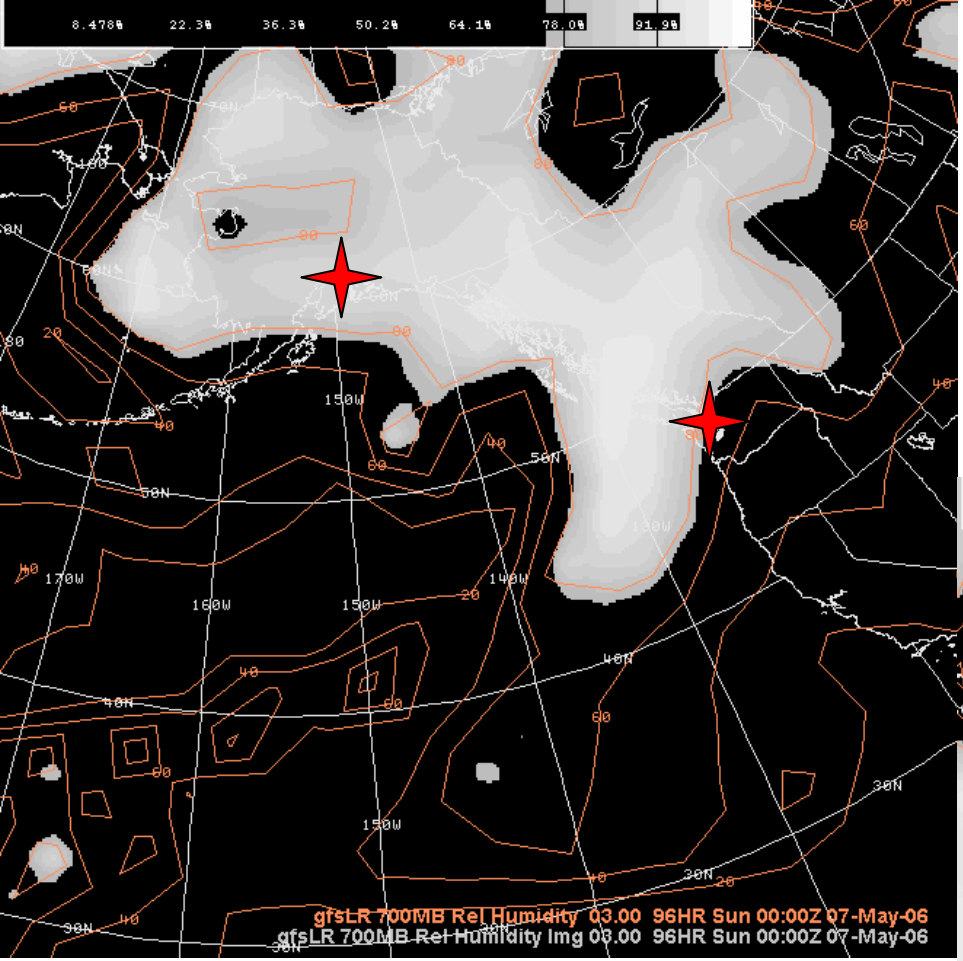
SAT PM
GFS



MSL Pressure, Temp, Precip


250 mb Winds, Heights
SAT PM
GFS
500 mb Winds, Vorticity

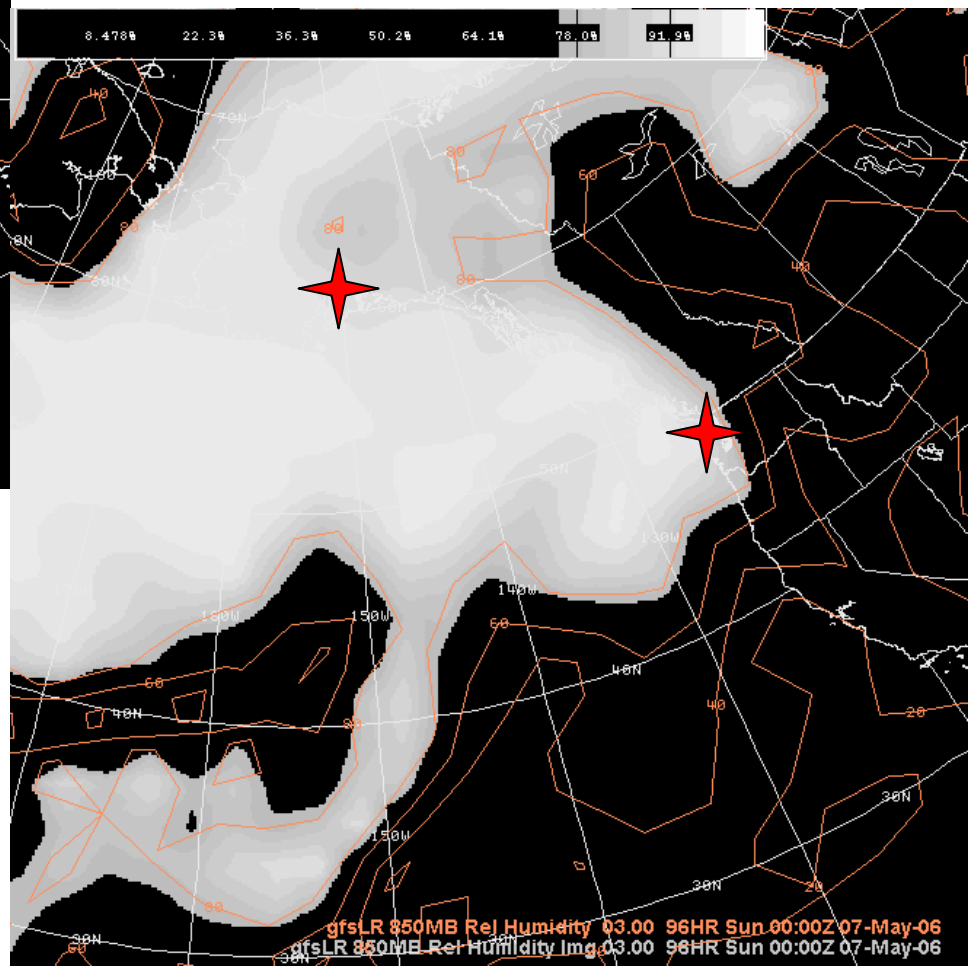
700 mb



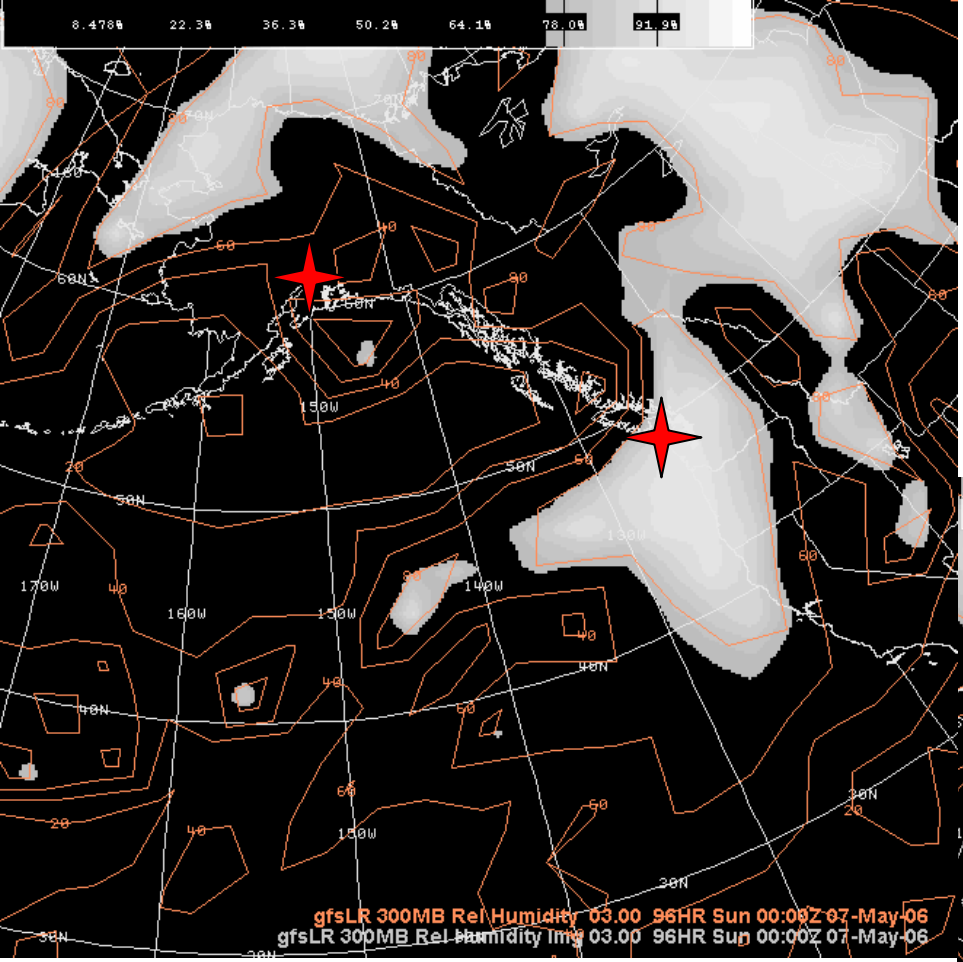
SAT PM

clouds
(relative humidity)

850 mb



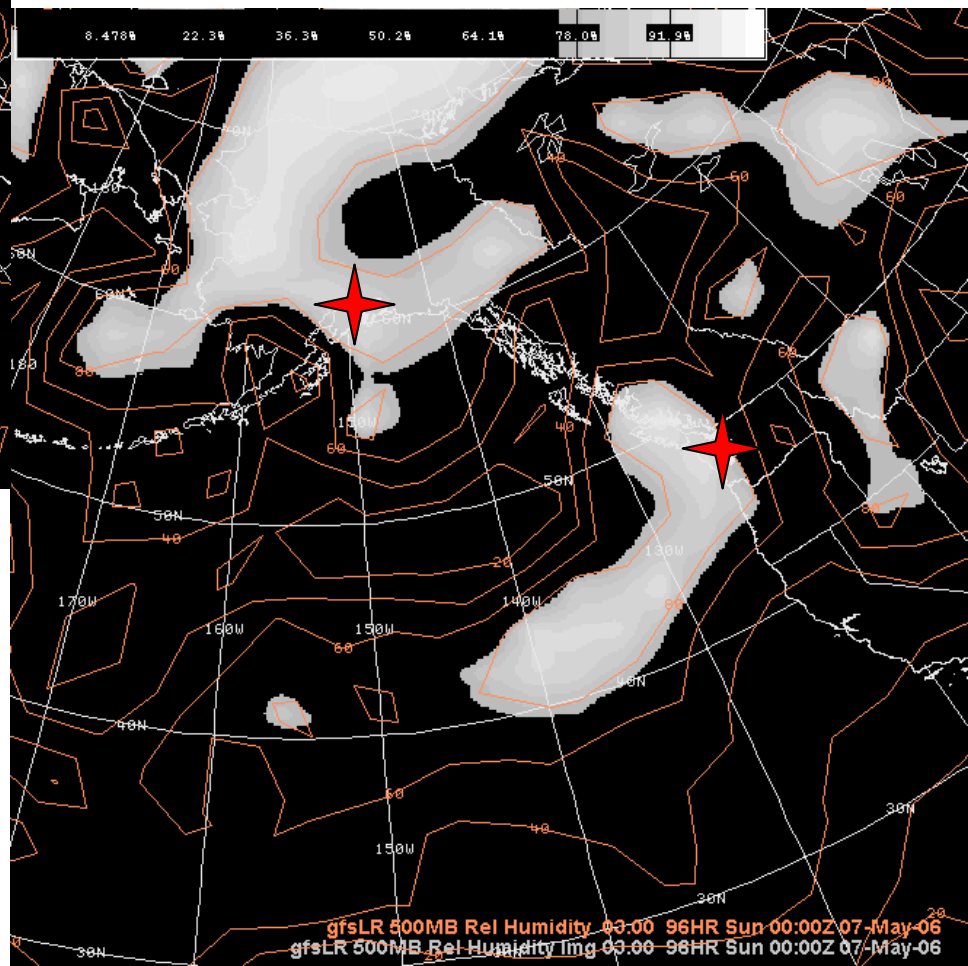
300 mb



SAT PM

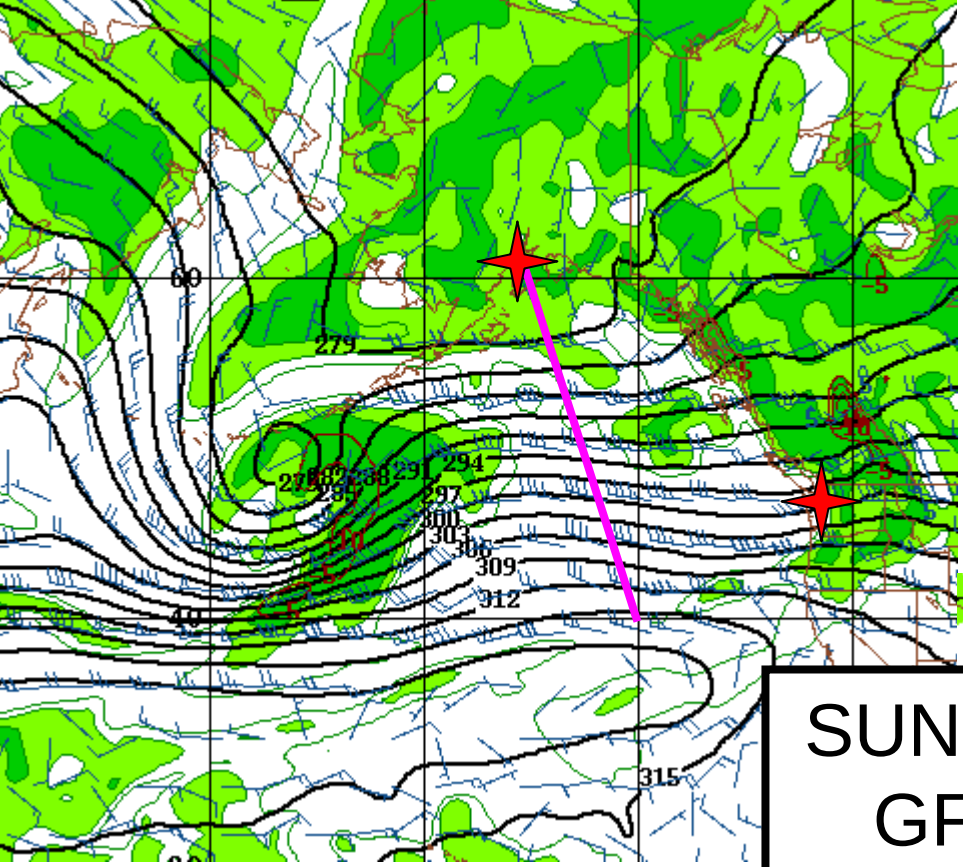
clouds
(relative humidity)

500 mb

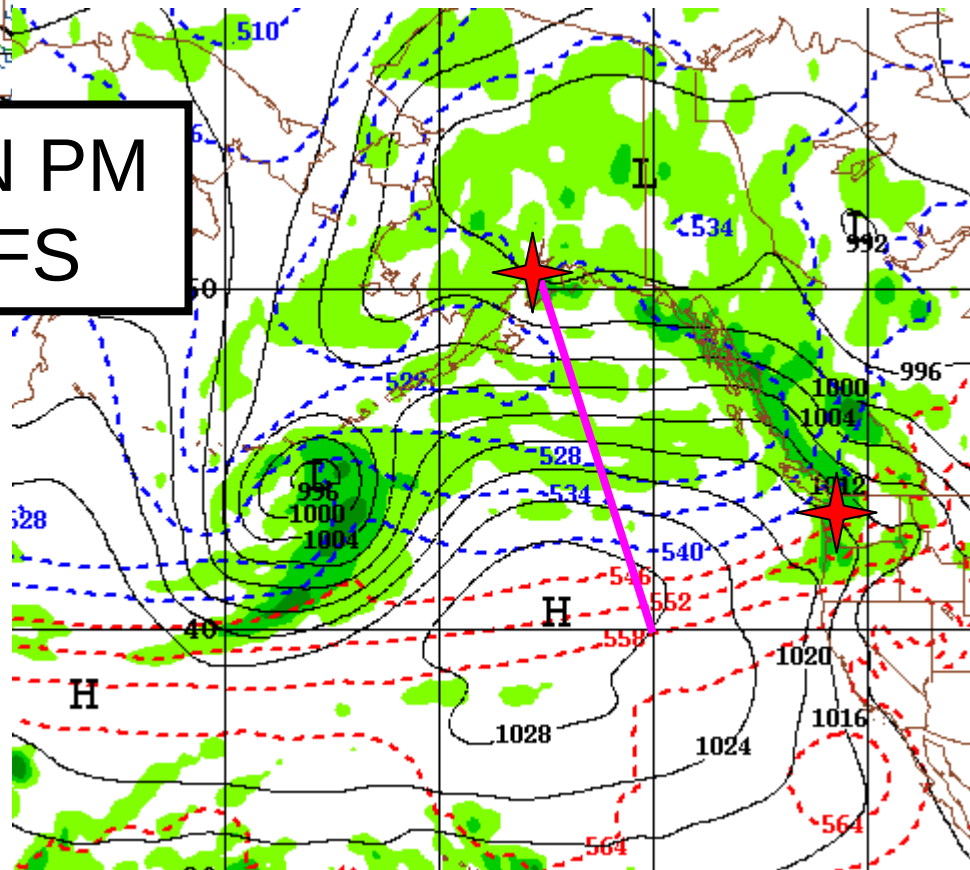


Sunday’s Conditions

700 mb Winds, RH

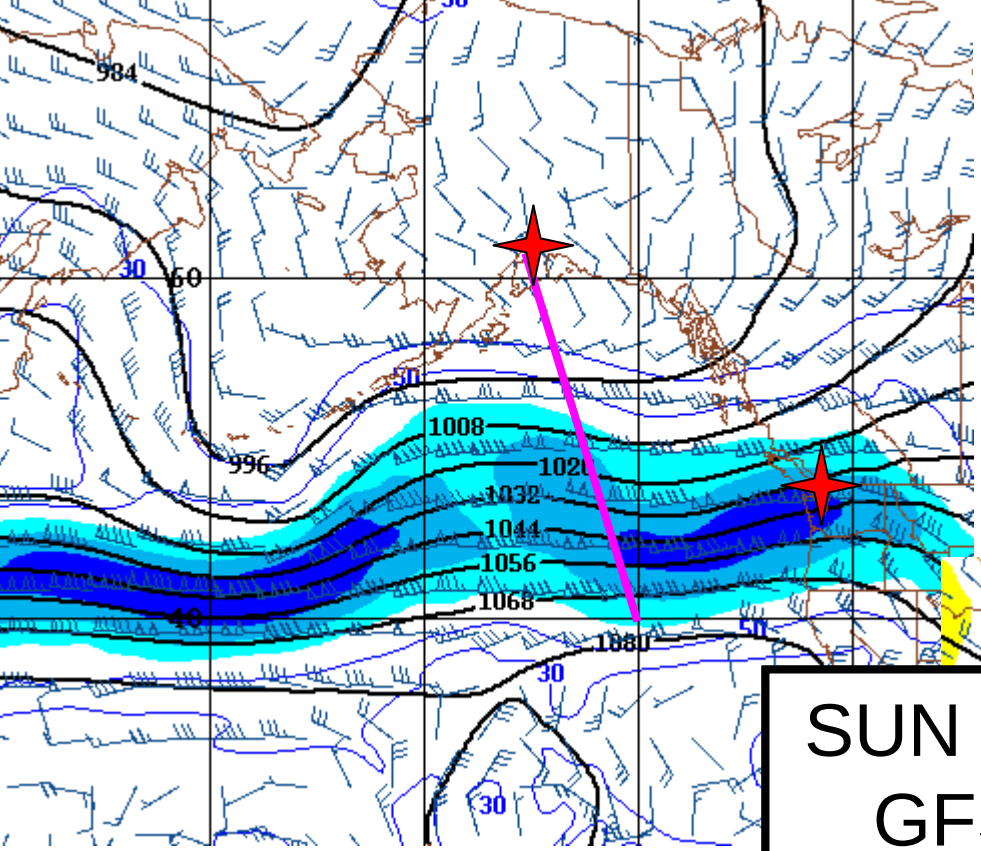


SUN PM
GFS

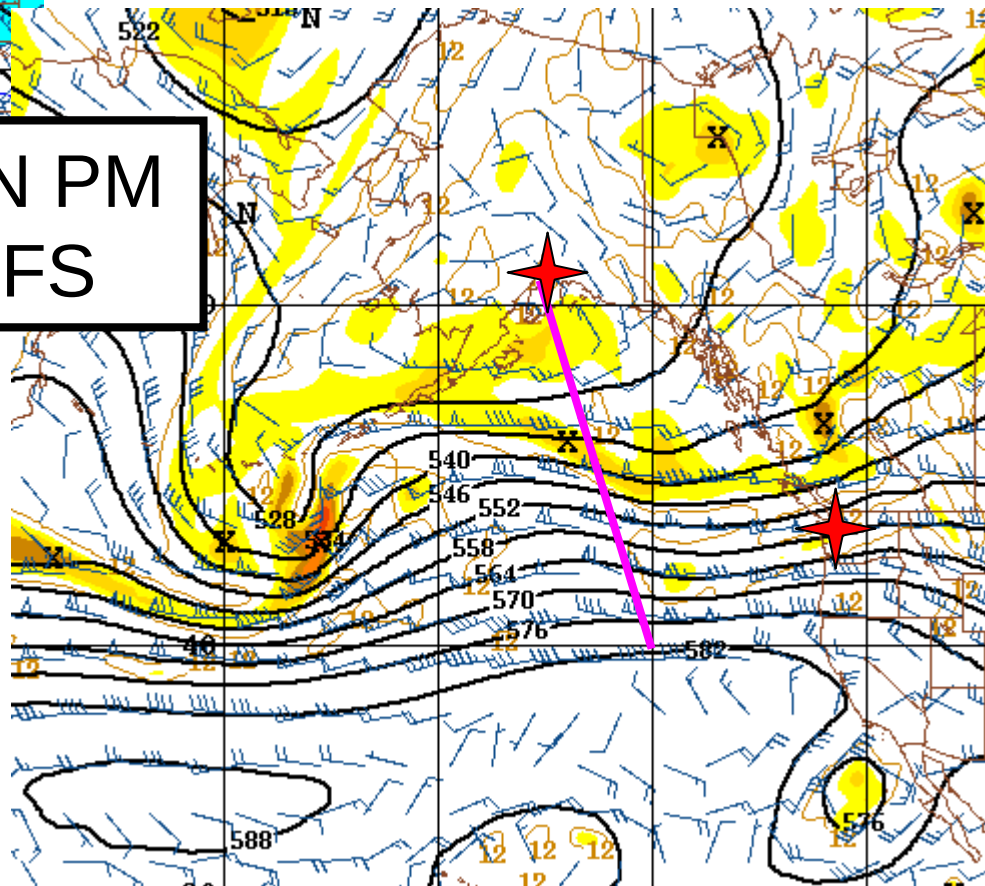


MSL Pressure, Temp, Precip

250 mb Winds, Heights

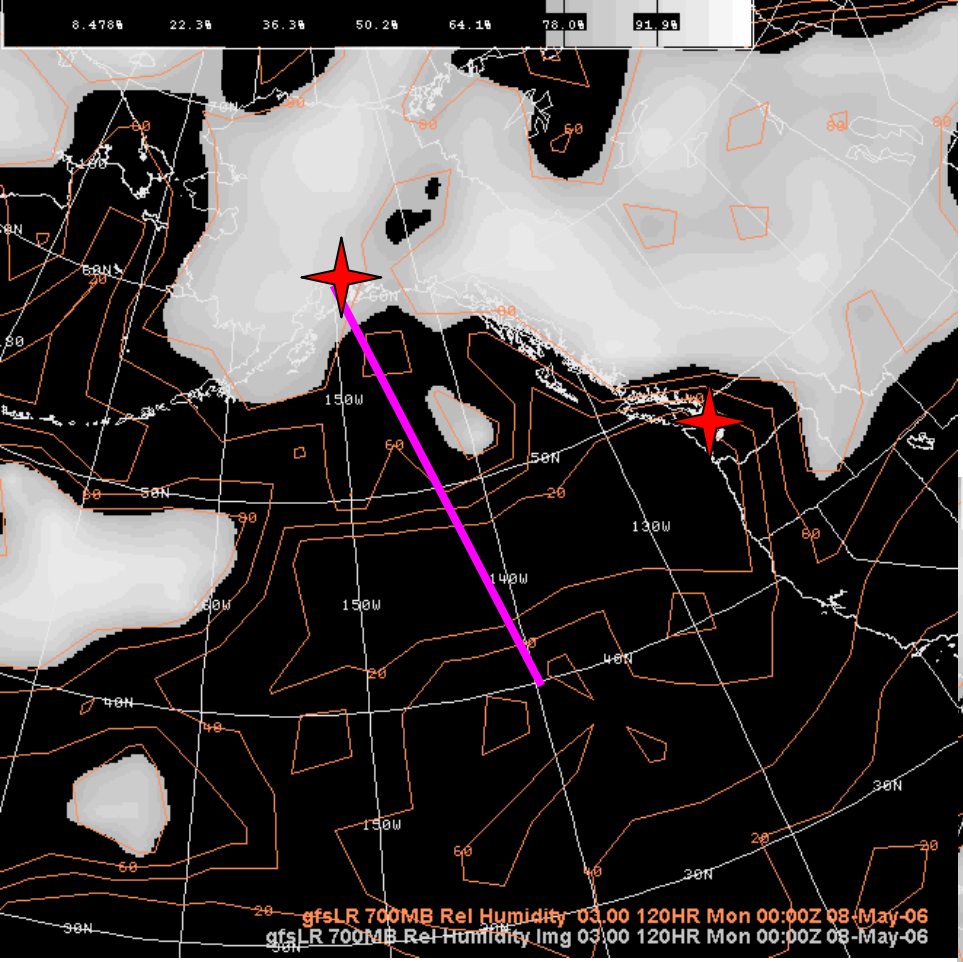


SUN PM
GFS



500 mb Winds, Vorticity

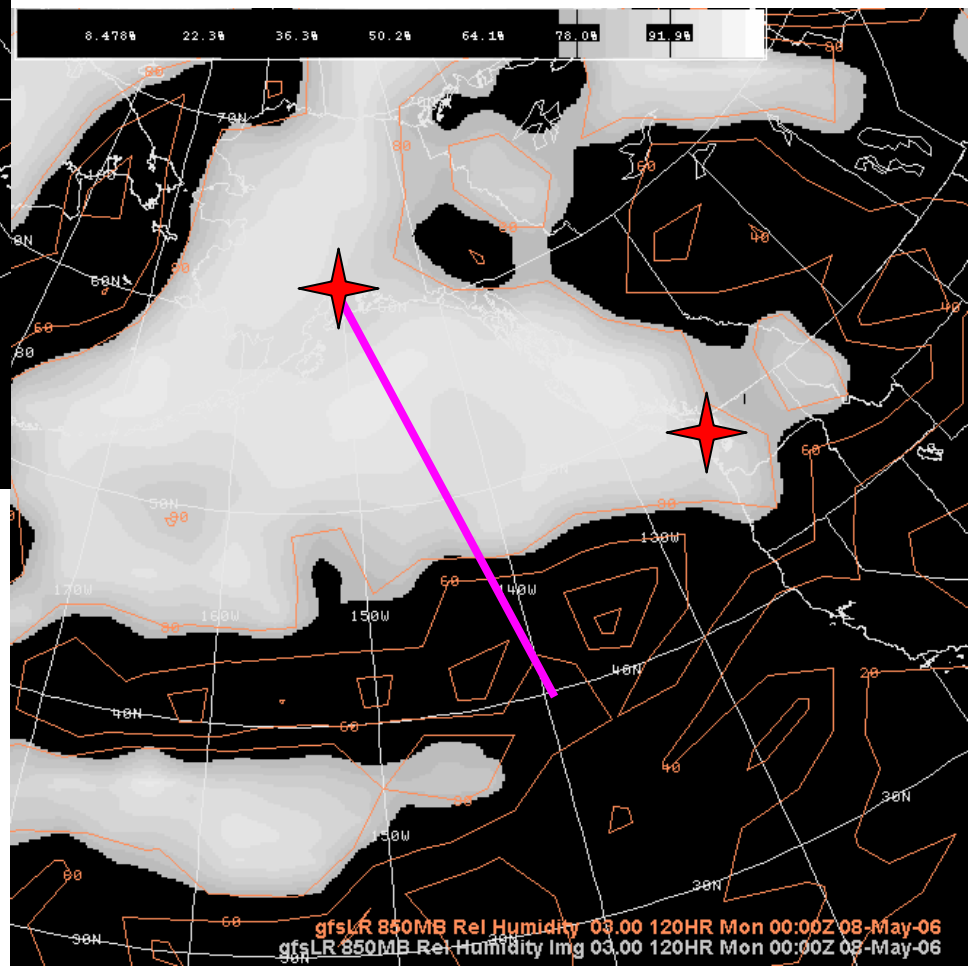
700 mb



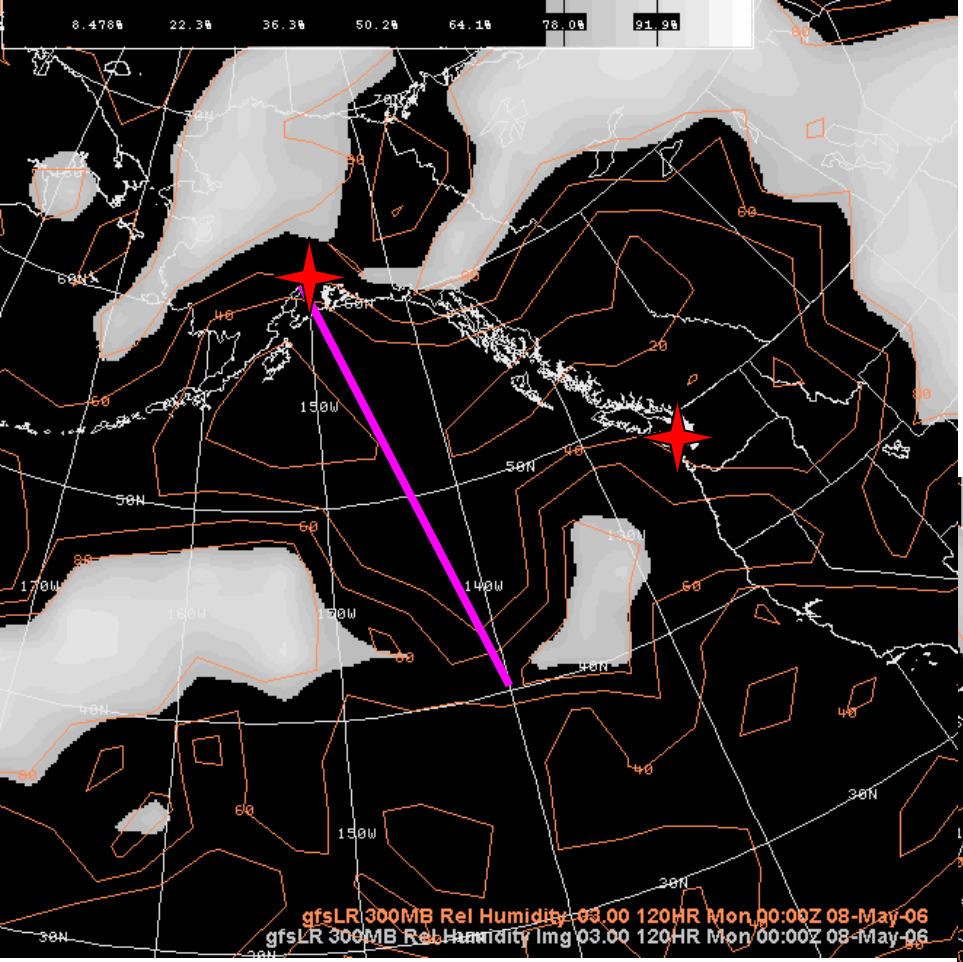
SUN PM

clouds
(relative humidity)

850 mb



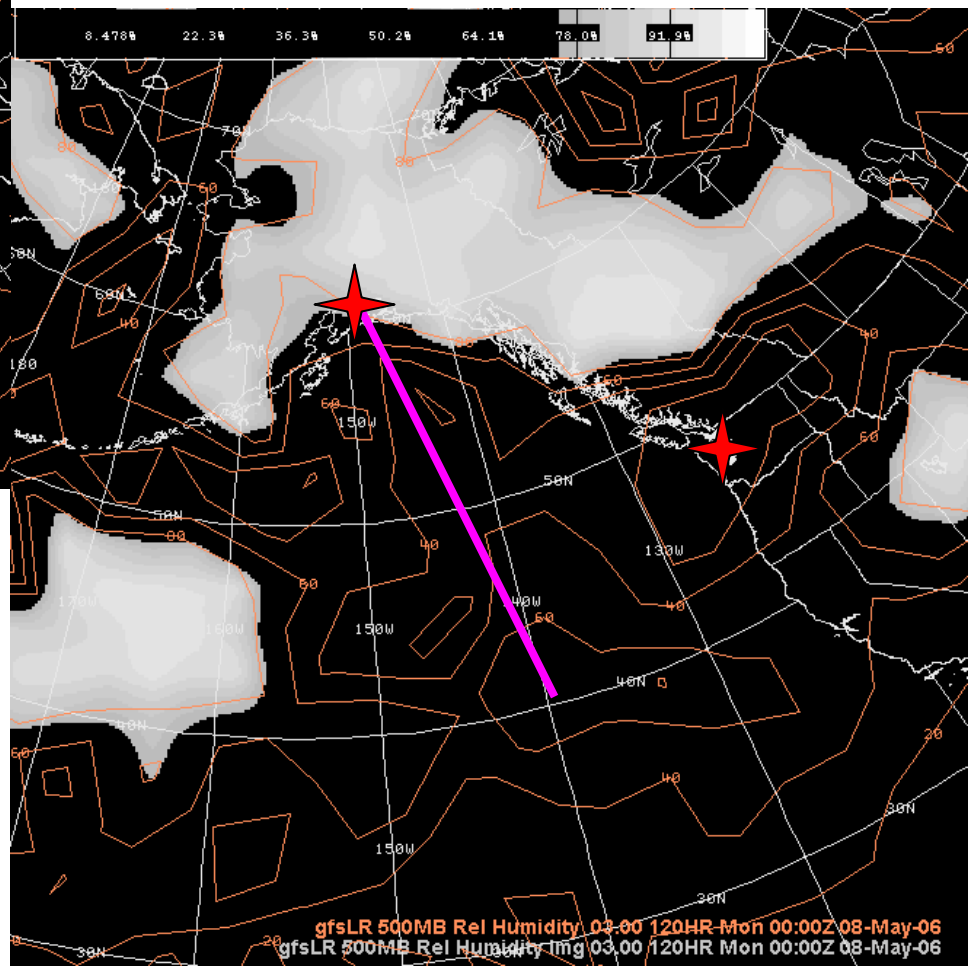
300 mb

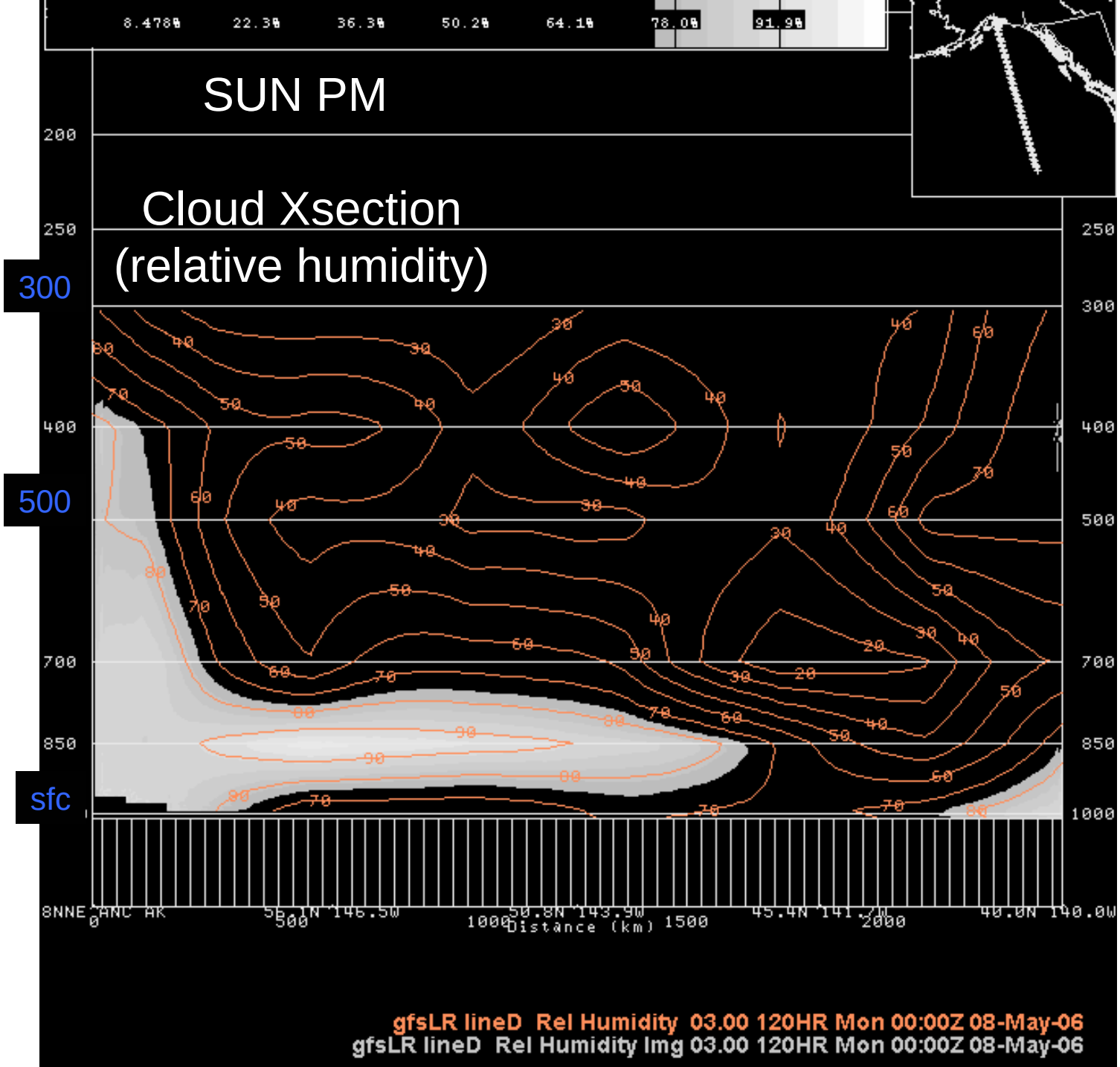


SUN PM

clouds
(relative humidity)

500 mb




8.47%
22.3%
36.3%
50.2%
64.1%
78.0%
91.9%
SUN PM
Cloud Xsection
(relative humidity)
200
250
300
400
500
700
850
sfc
1000
8NNE ANC AK
58.1N 146.5W
50.8N 143.9W
45.4N 141.7W
40.0N 140.0W
0
500
1000
1500
2000
Distance (km)
gfsLR lineD Rel Humidity 03.00 120HR Mon 00:00Z 08-May-06
gfsLR lineD Rel Humidity Img 03.00 120HR Mon 00:00Z 08-May-06