FLIGHT DAY FORECAST

Sunday June 22
Monday June 23
Tuesday June 24

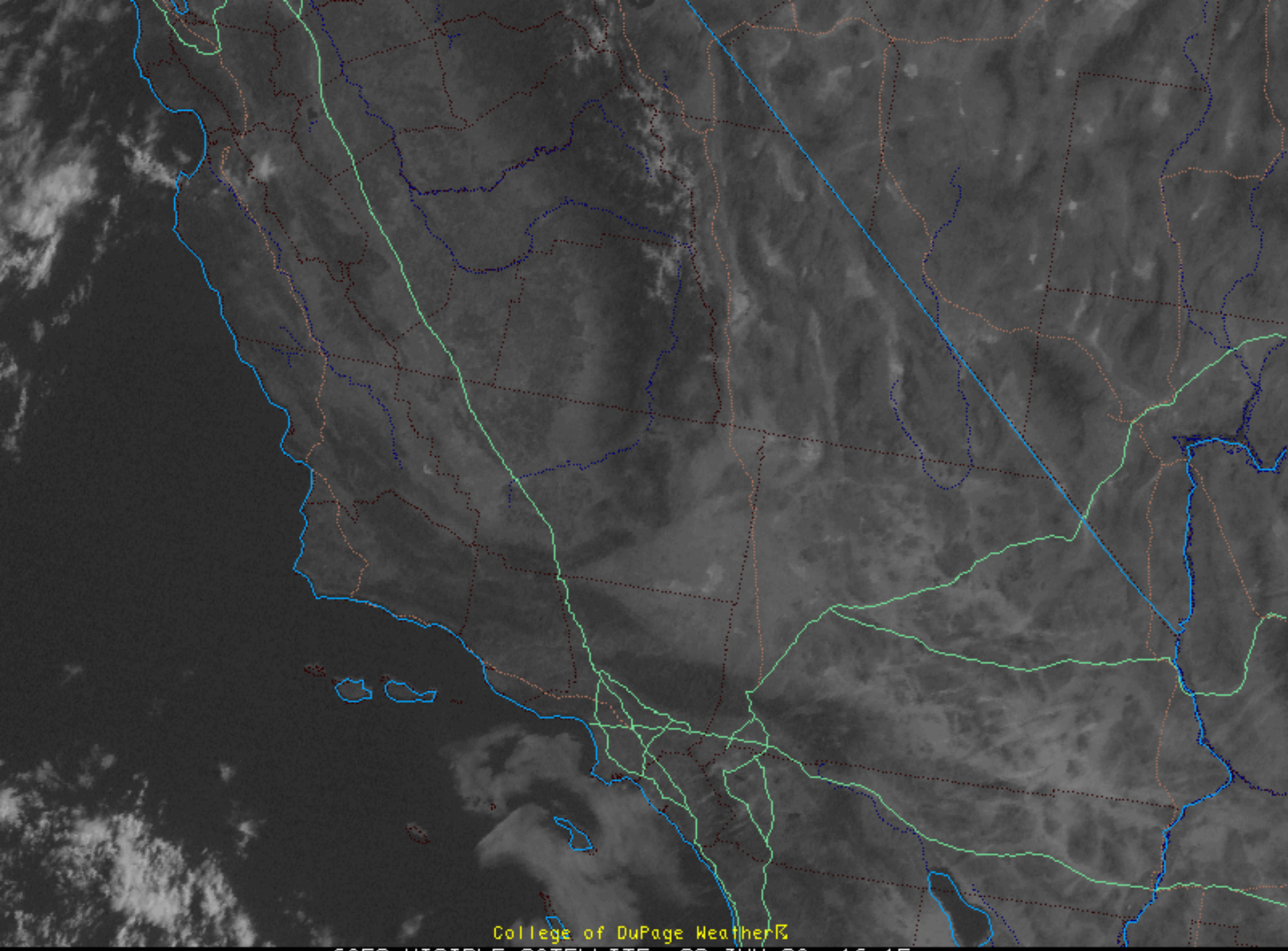
Henry Fuelberg
Donal Harrigan

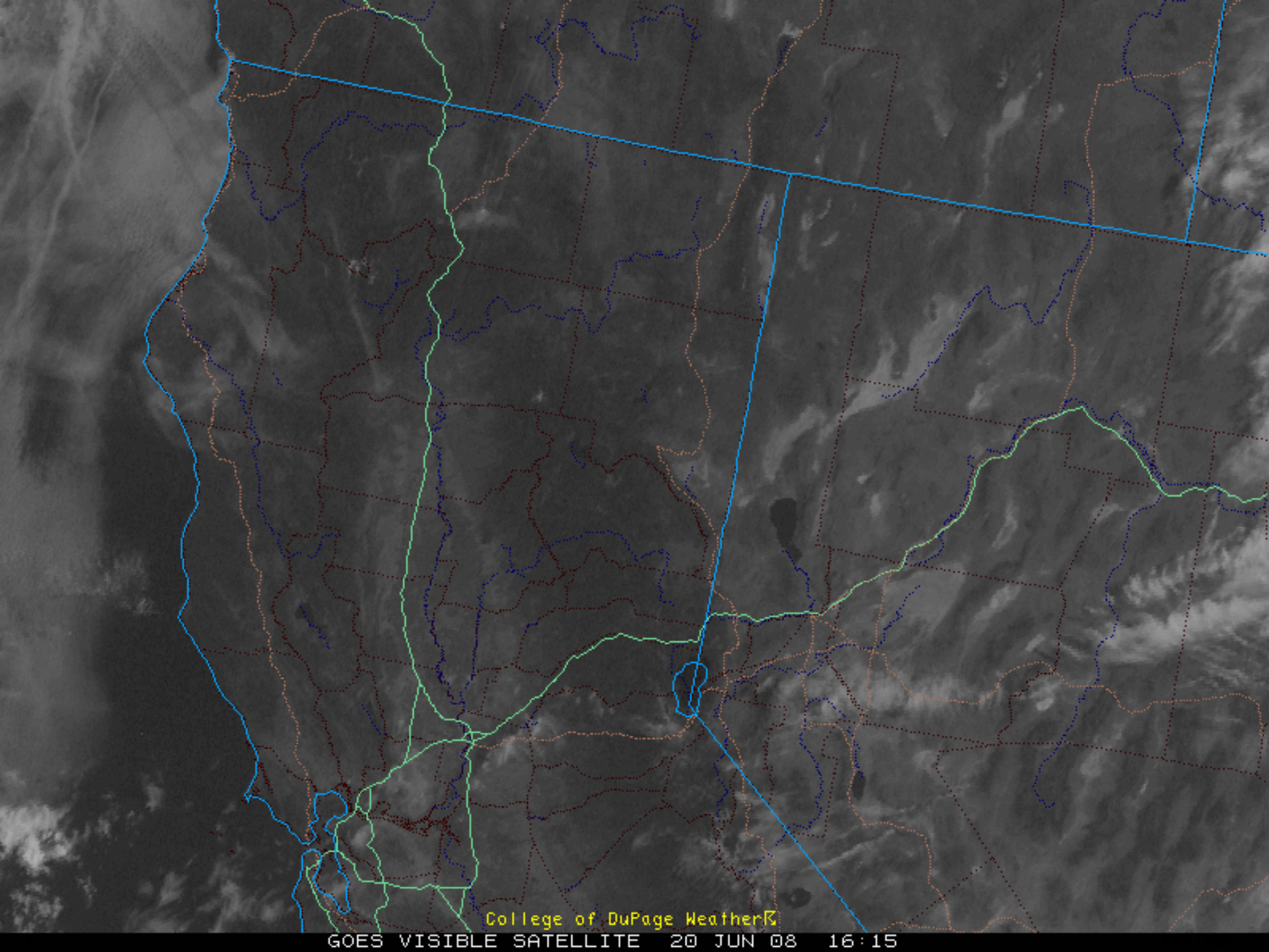
"Your eyes to the skies"

NASA

FSU Meteorology

California Environmental Protection Agency
AIR RESOURCES BOARD


College of DuPage Weather
GOES VISIBLE SATELLITE 20 JUN 08 16:15

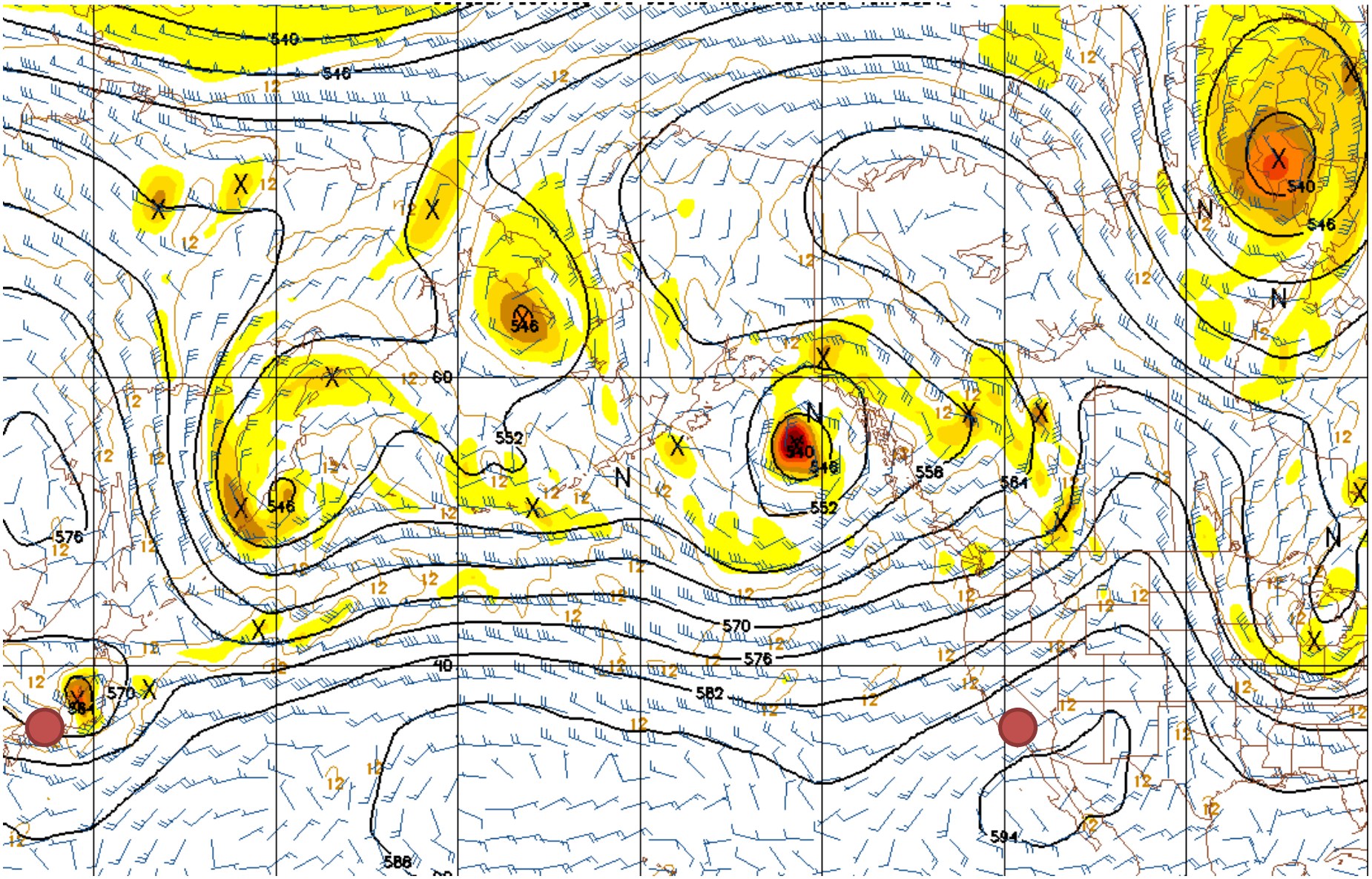

College of DuPage Weather
GOES VISIBLE SATELLITE 20 JUN 08 16:15

Sunday

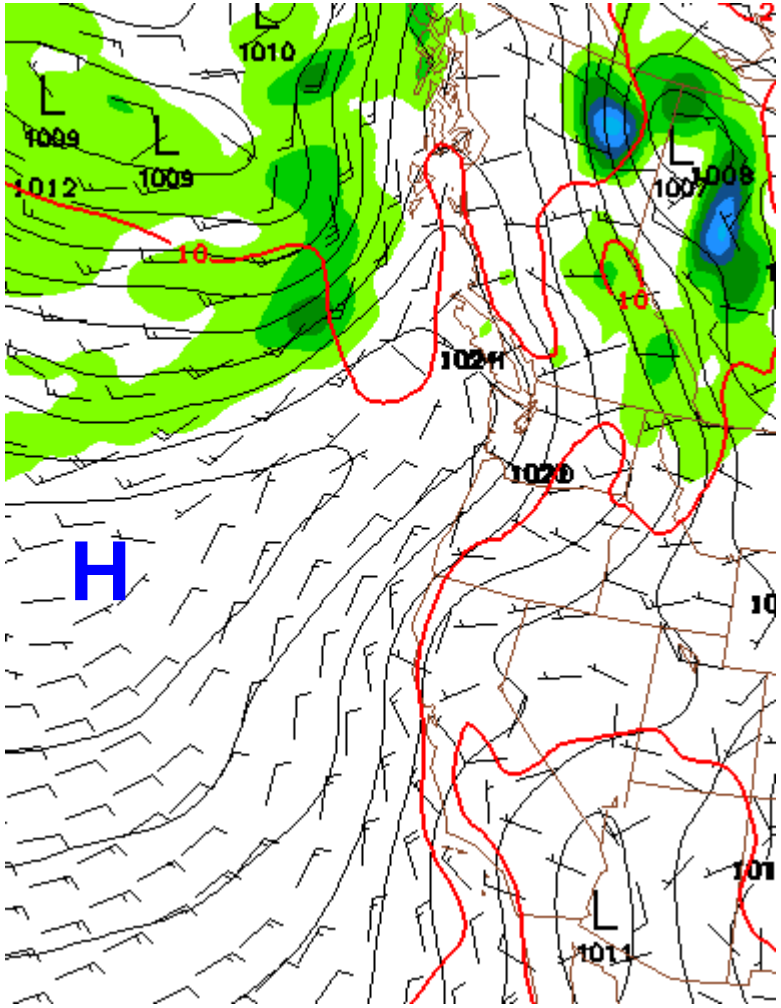
June 22nd

1800Z (11AM)

GFS Pacific 500 mb

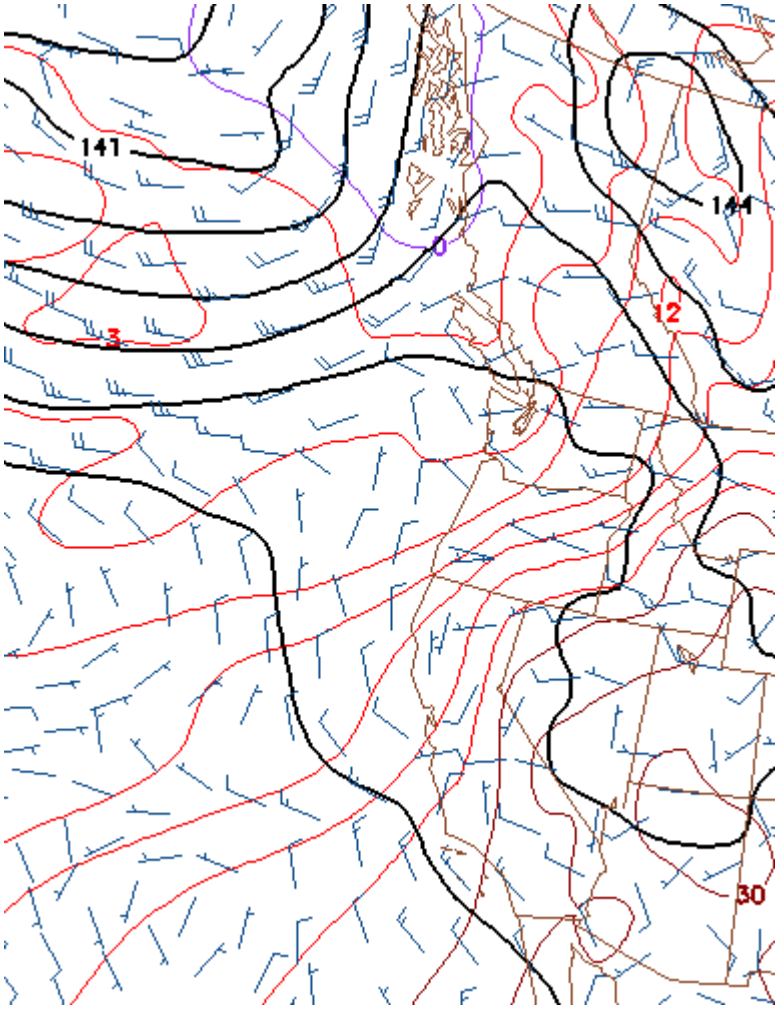


GFS Surface Forecast

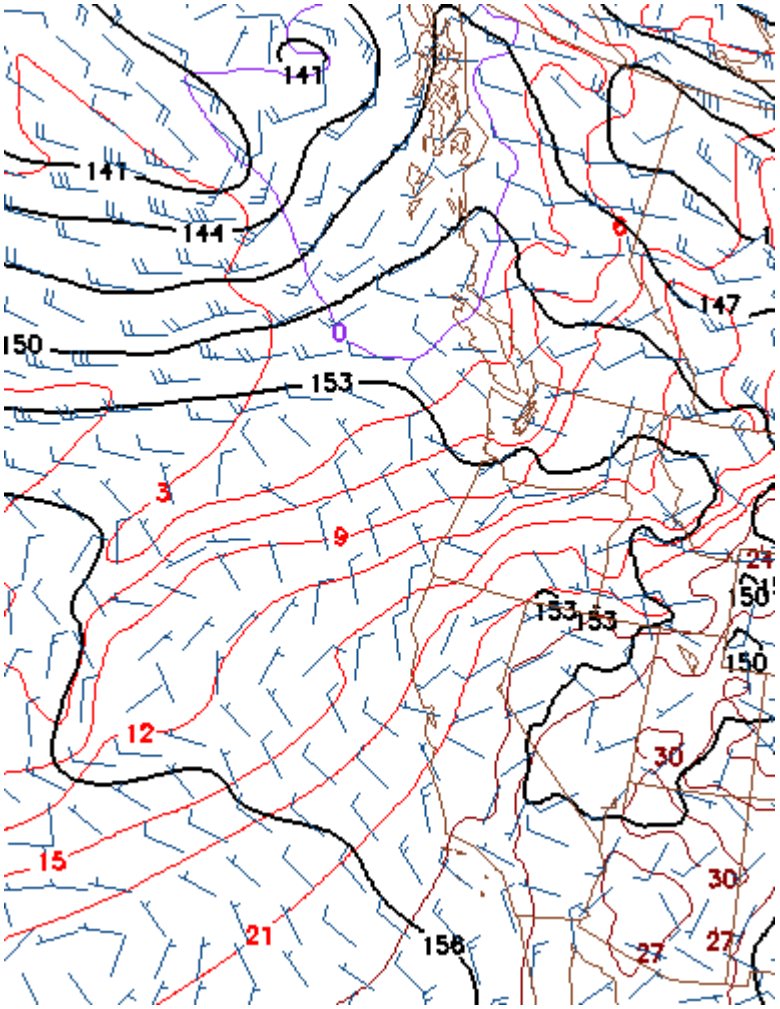


850 mb Forecast

GFS

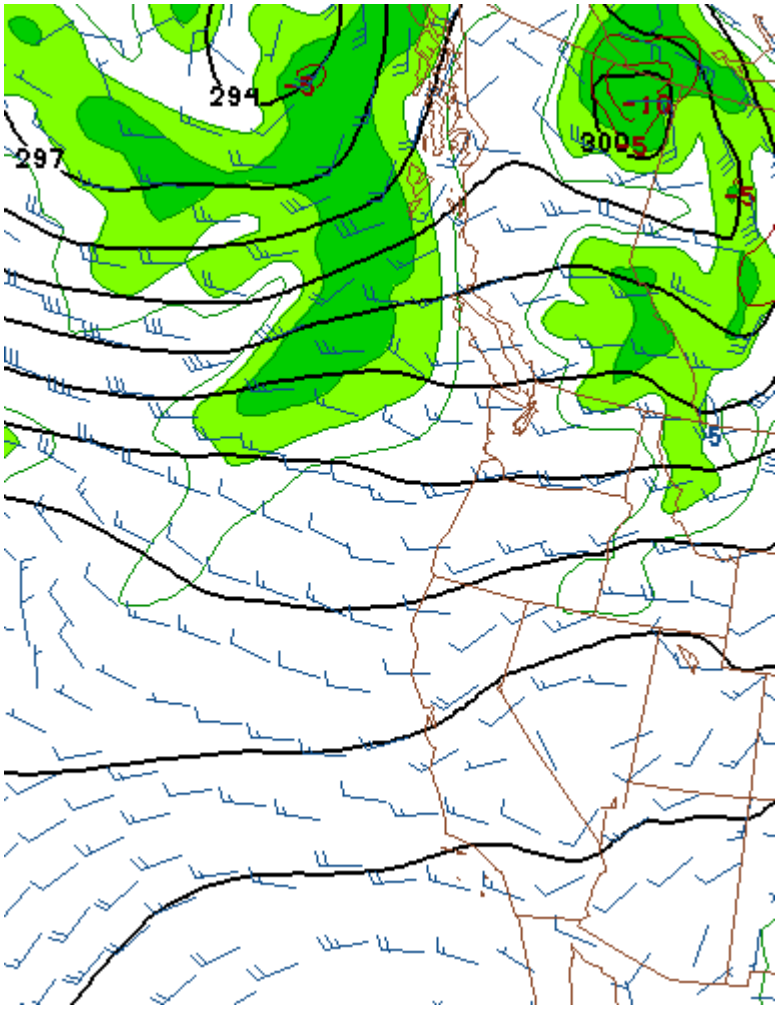


NAM



700 mb Forecast

GFS



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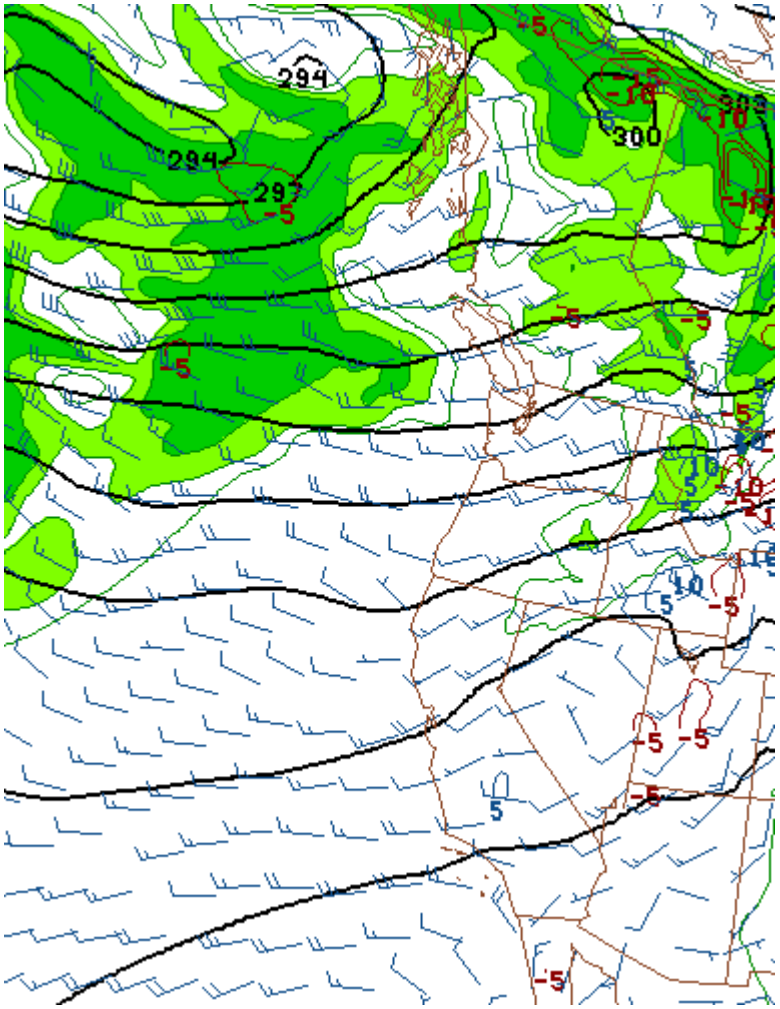
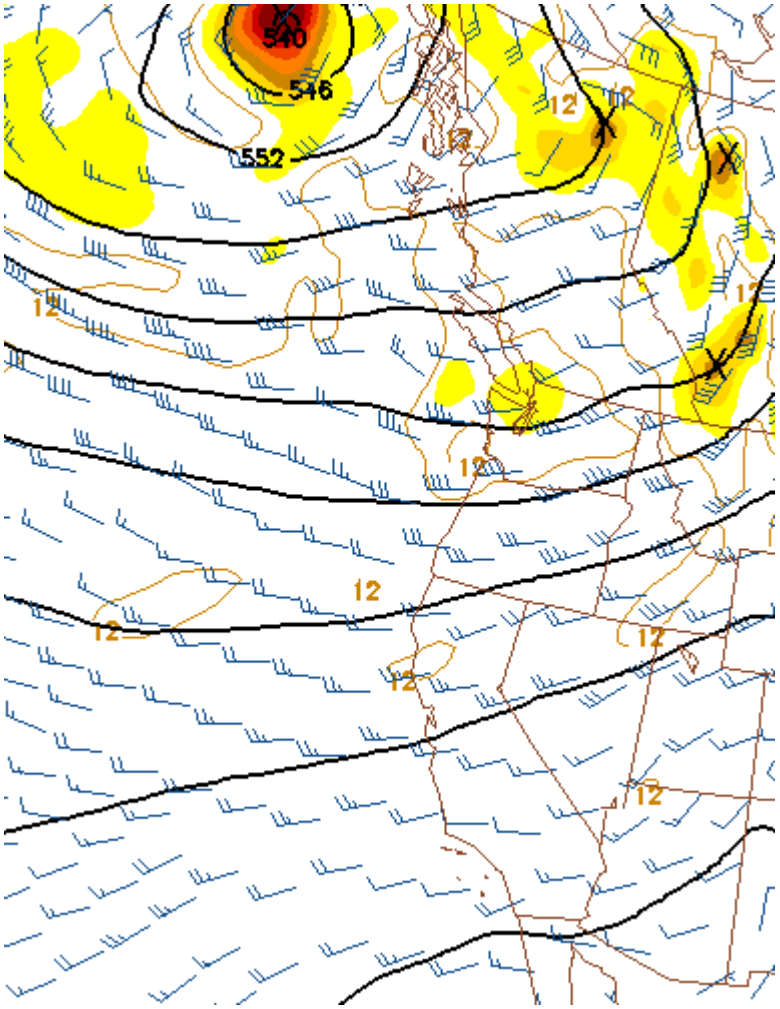


500 mb Forecast

GFS



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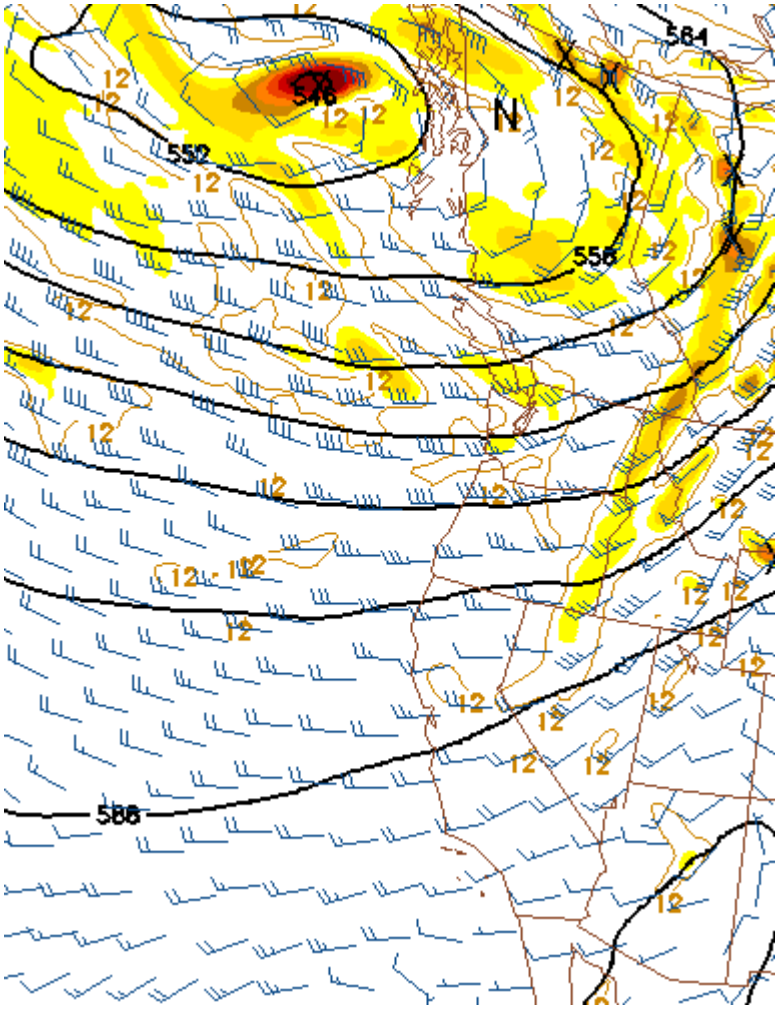
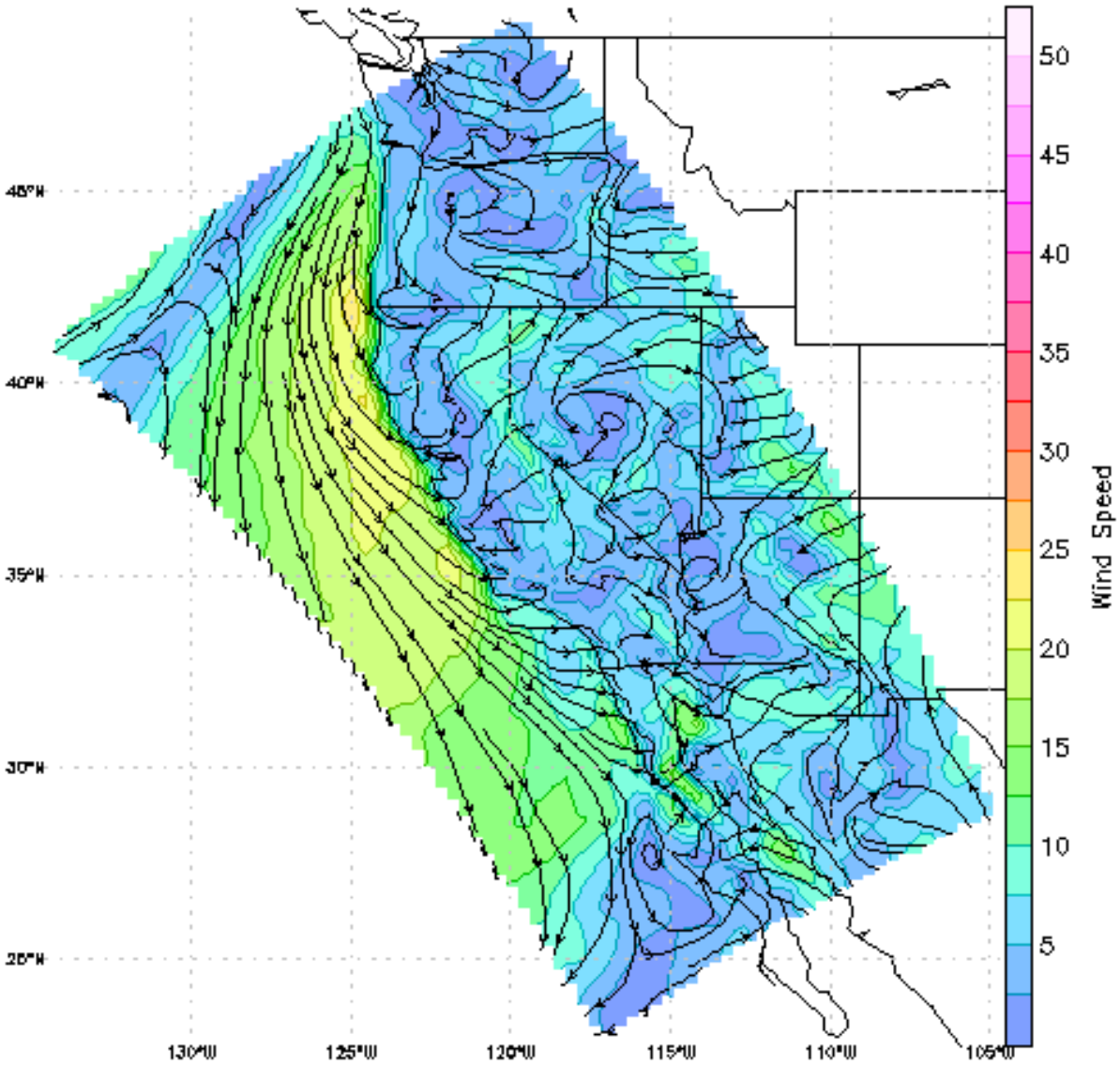
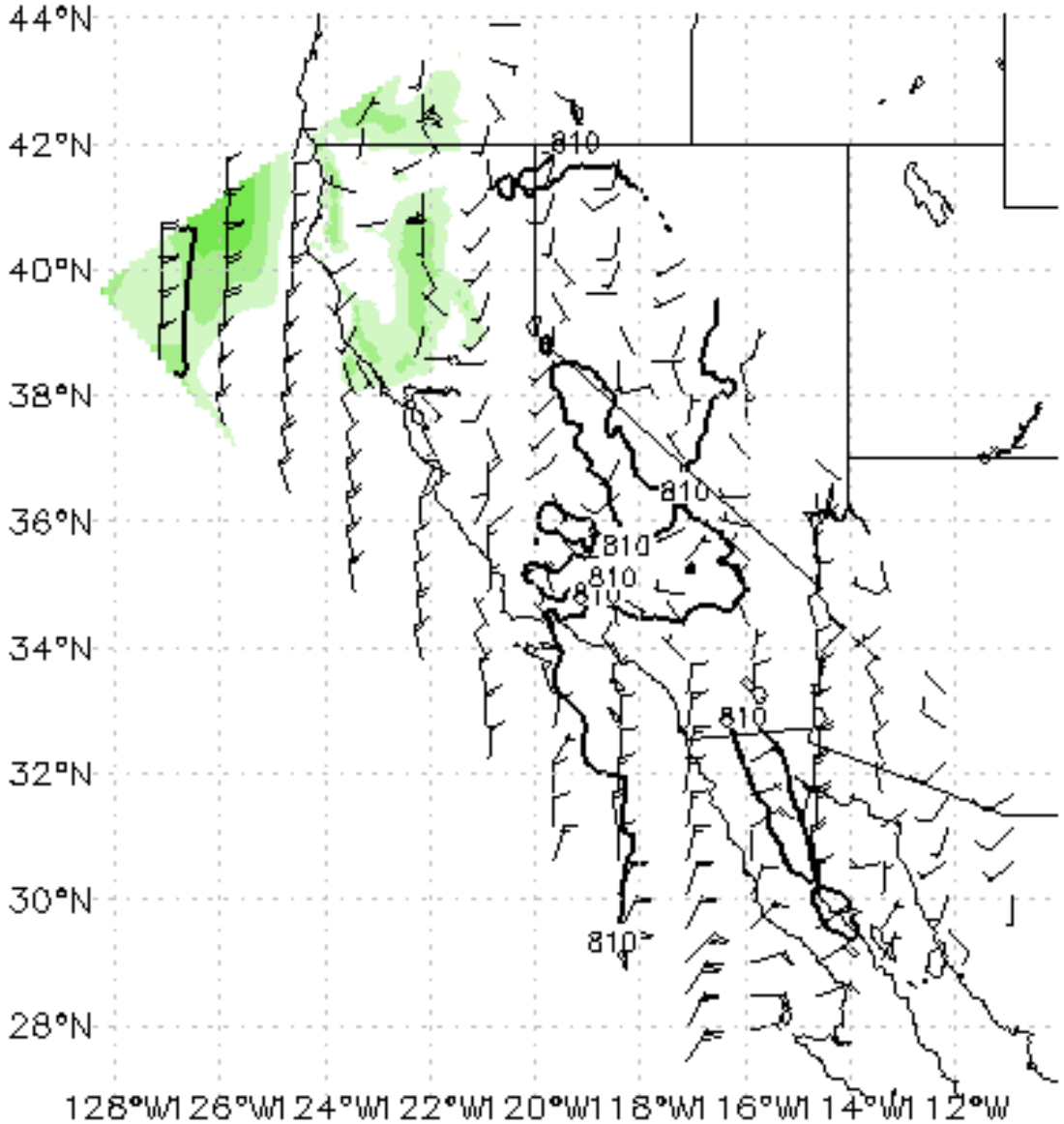


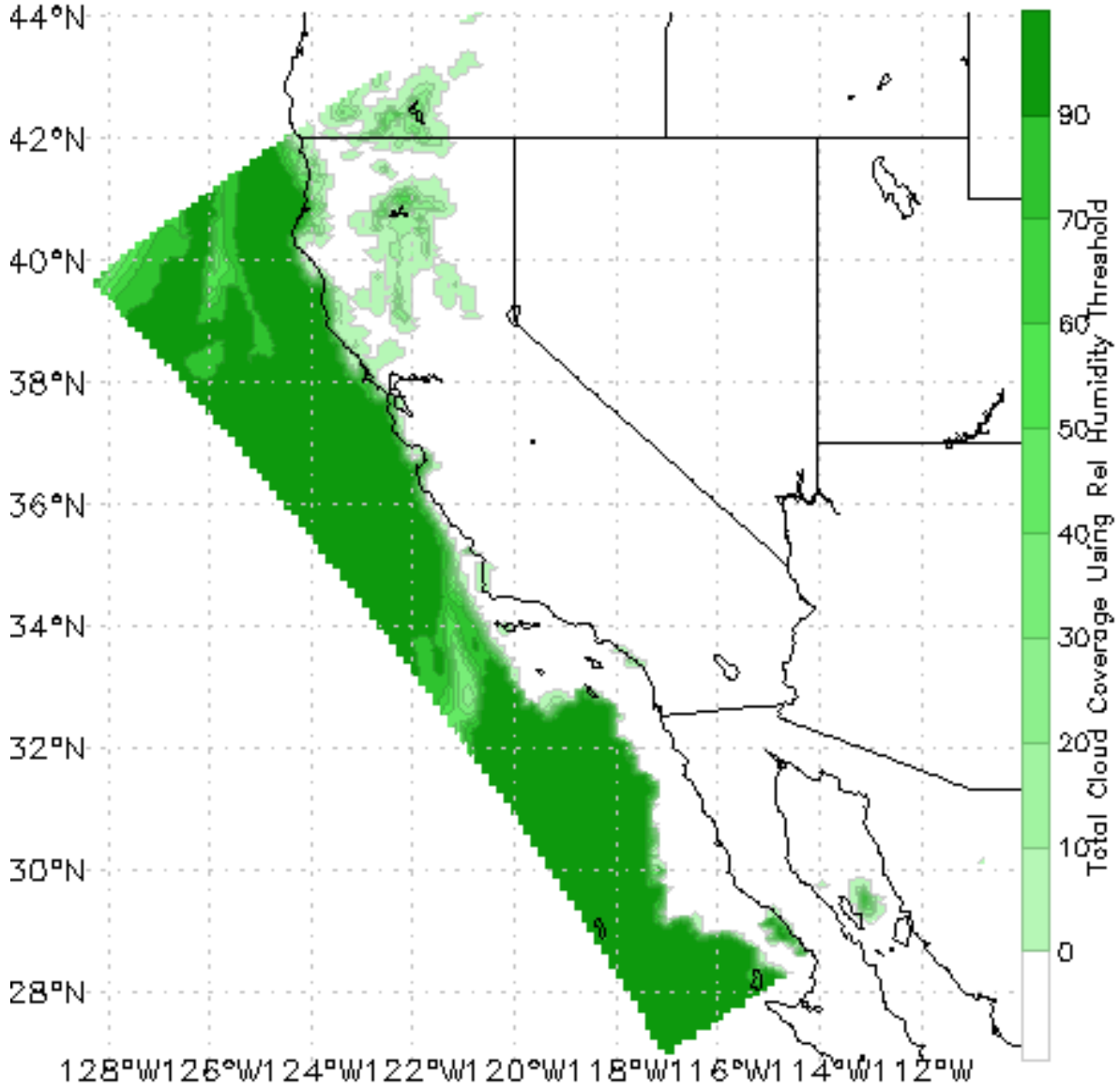
10 m Winds


50
45
40
35
30
25
20
15
10
5
Wind Speed
45°N
40°N
35°N
30°N
25°N
130°W
125°W
120°W
115°W
110°W
105°W

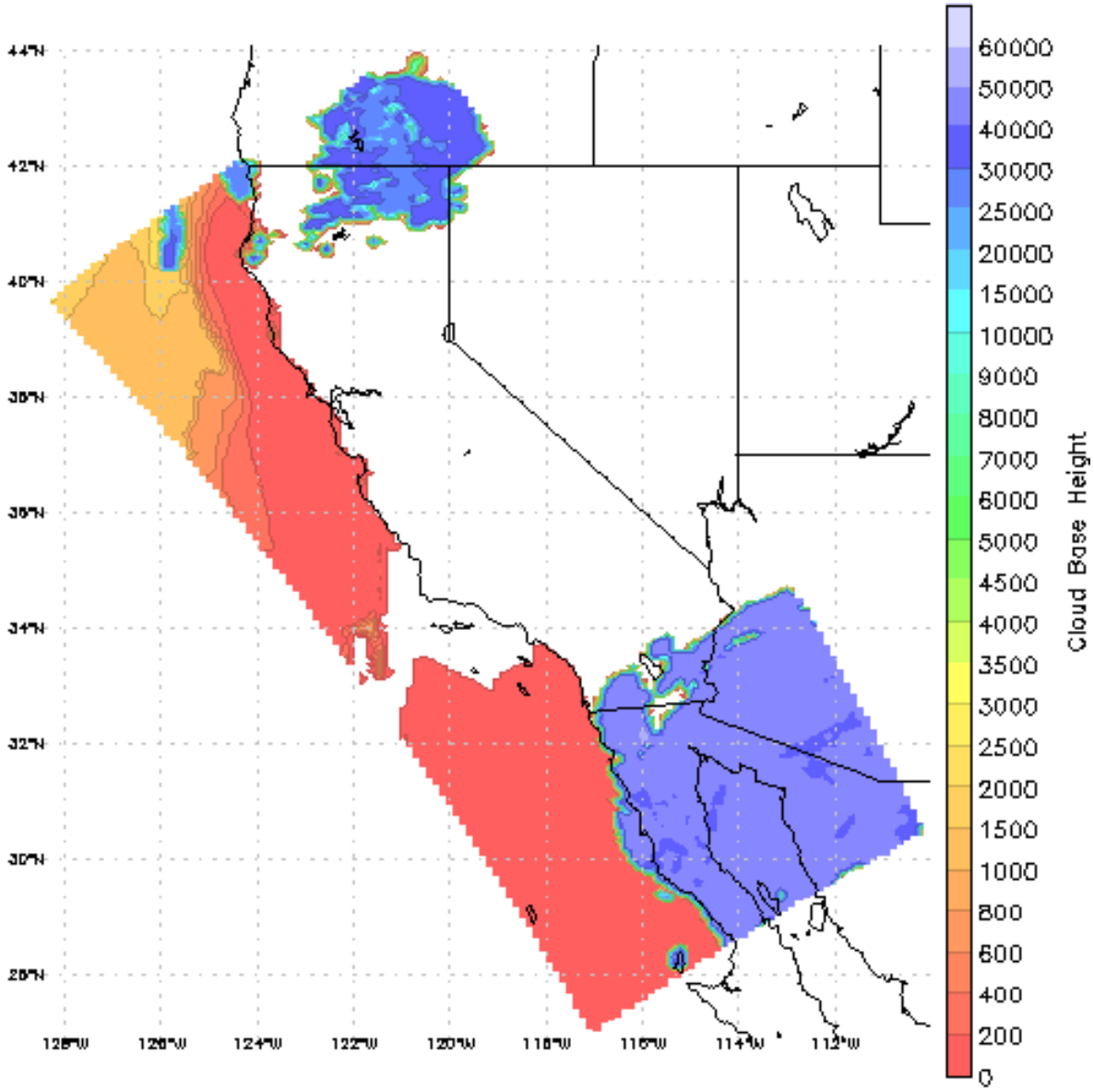
925 mb Winds/RH



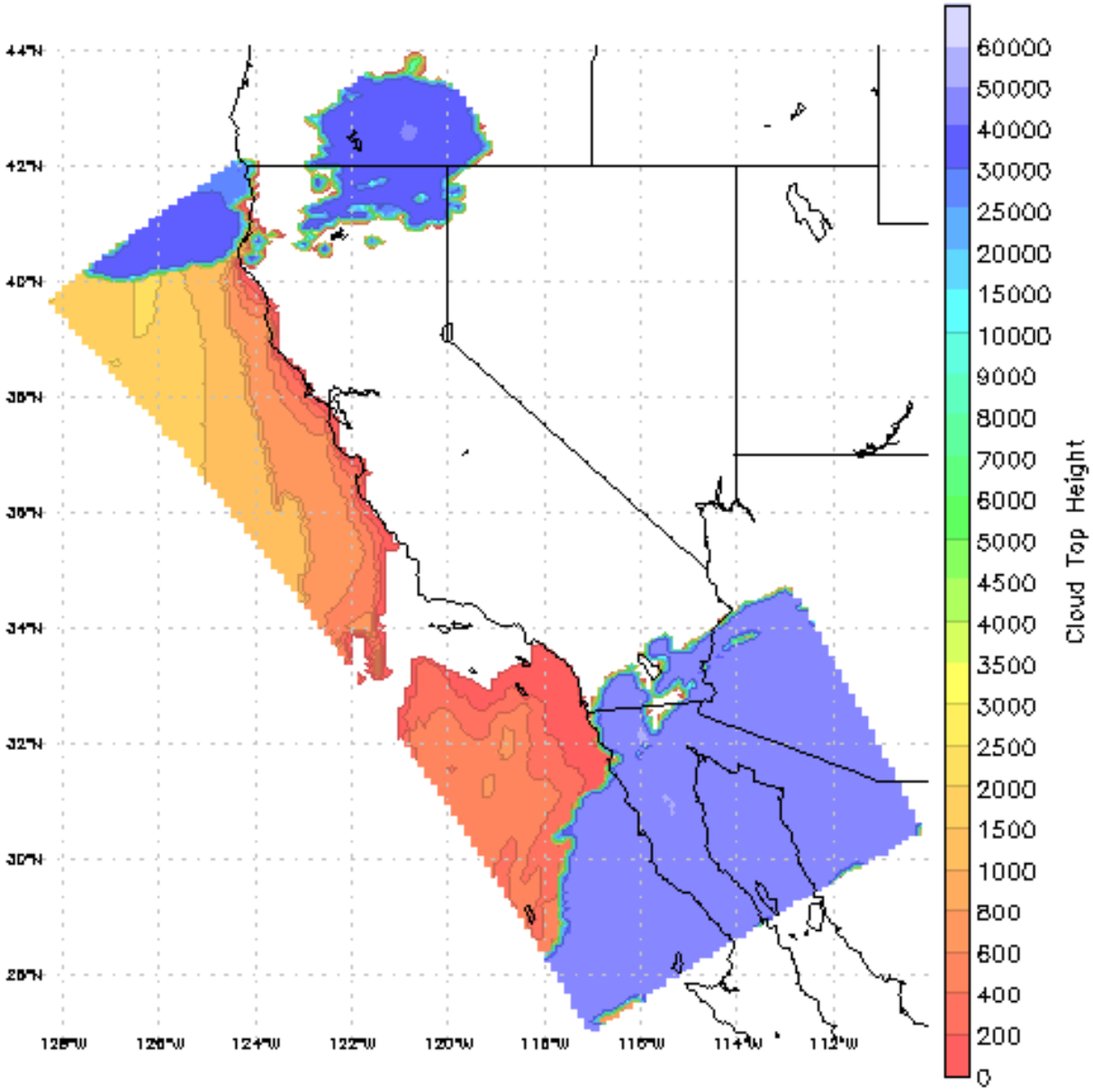
Low Cloud Amount (%)



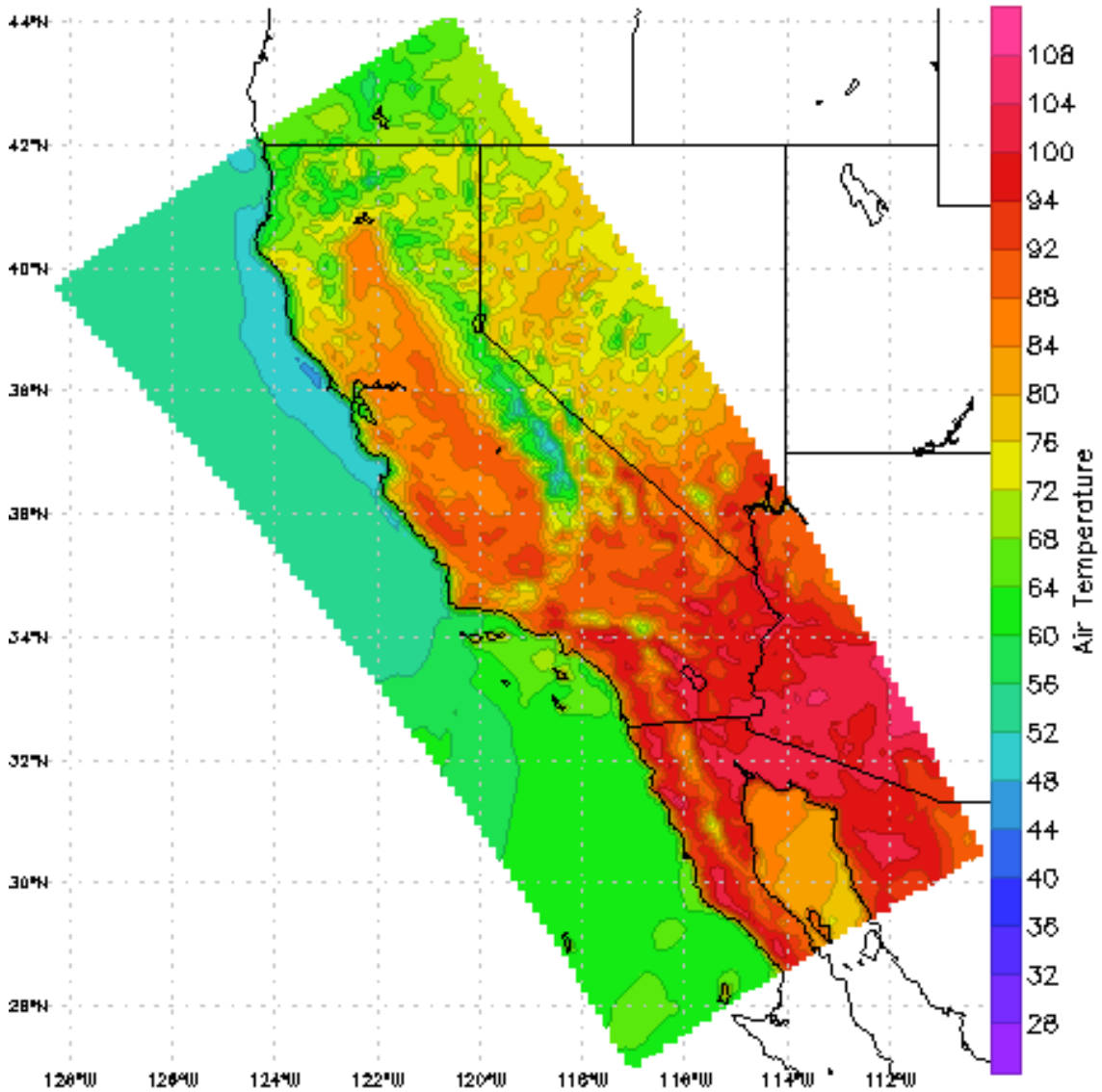
Cloud Base (ft.)



Cloud Top (ft.)


60000
50000
40000
30000
25000
20000
15000
10000
9000
8000
7000
6000
5000
4500
4000
3500
3000
2500
2000
1500
1000
800
600
400
200
0
Cloud Top Height

Surface-2 m Temp
2100 Z

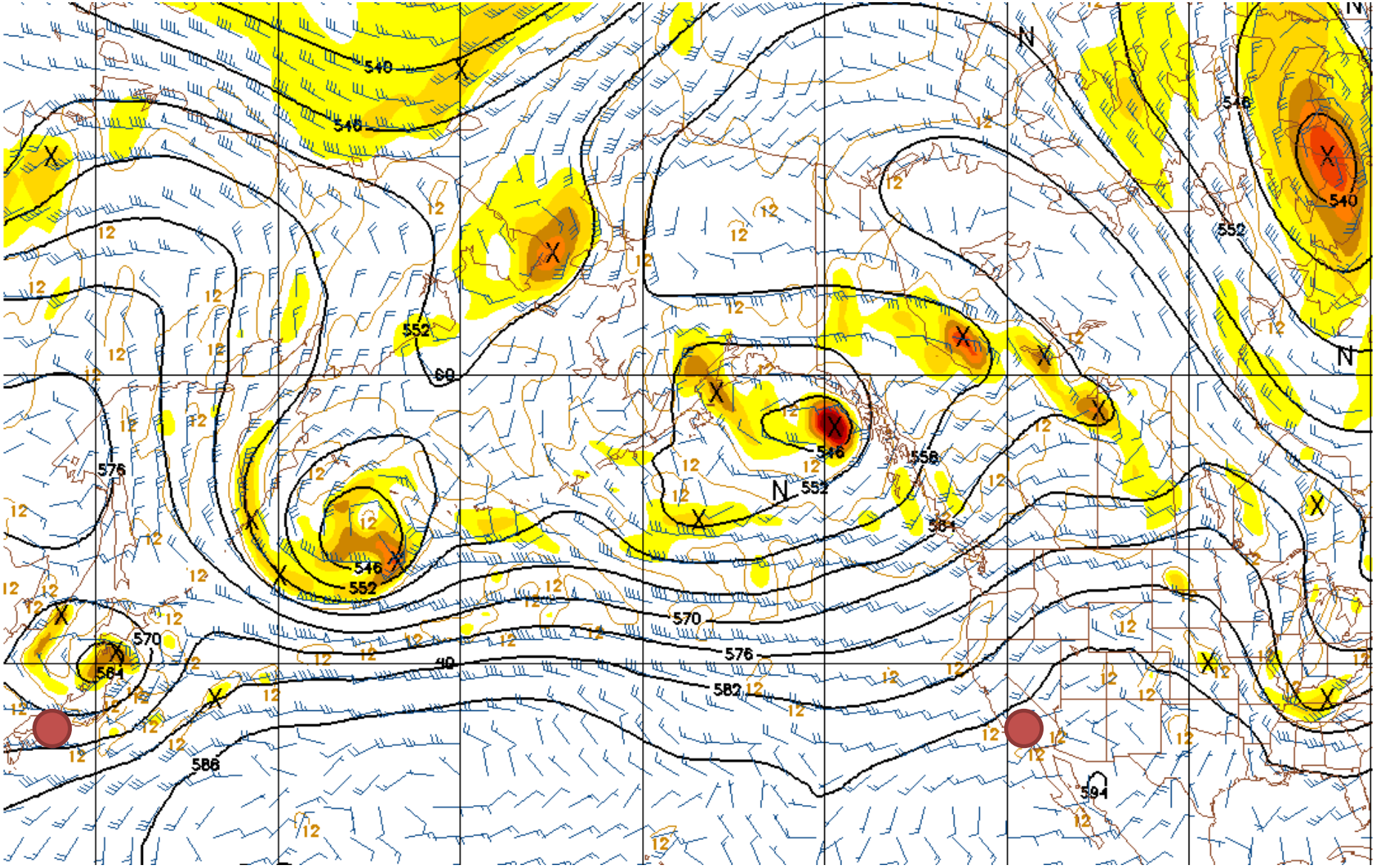


Monday

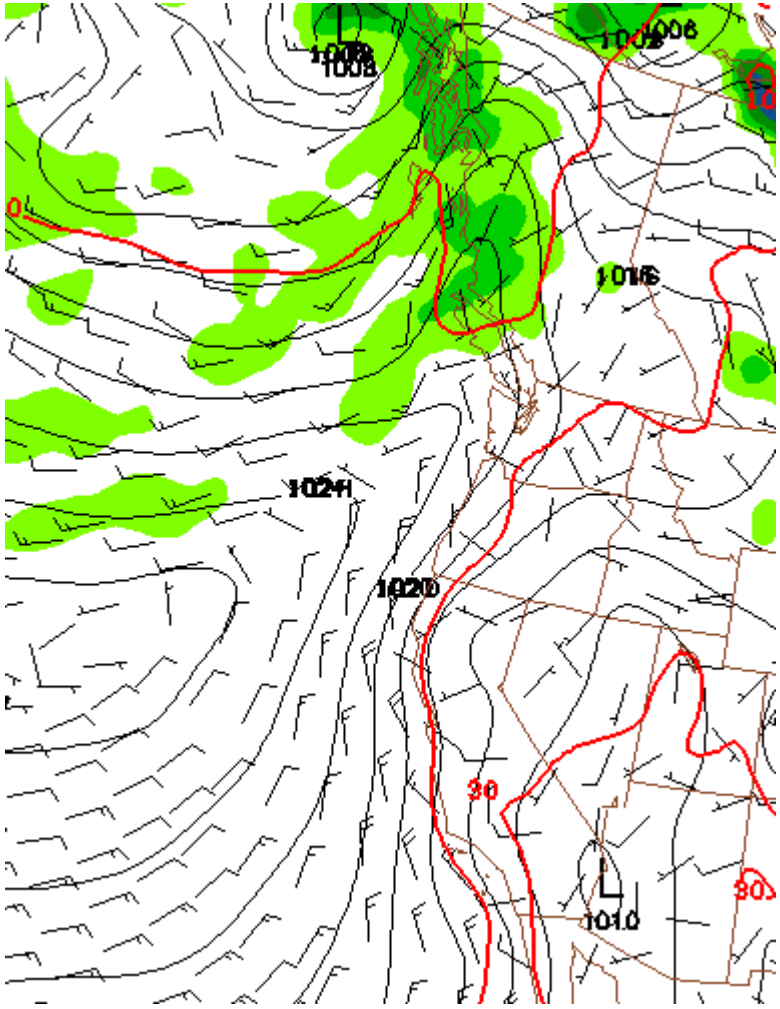
June 23rd

1800Z (11AM)

GFS Pacific 500 mb

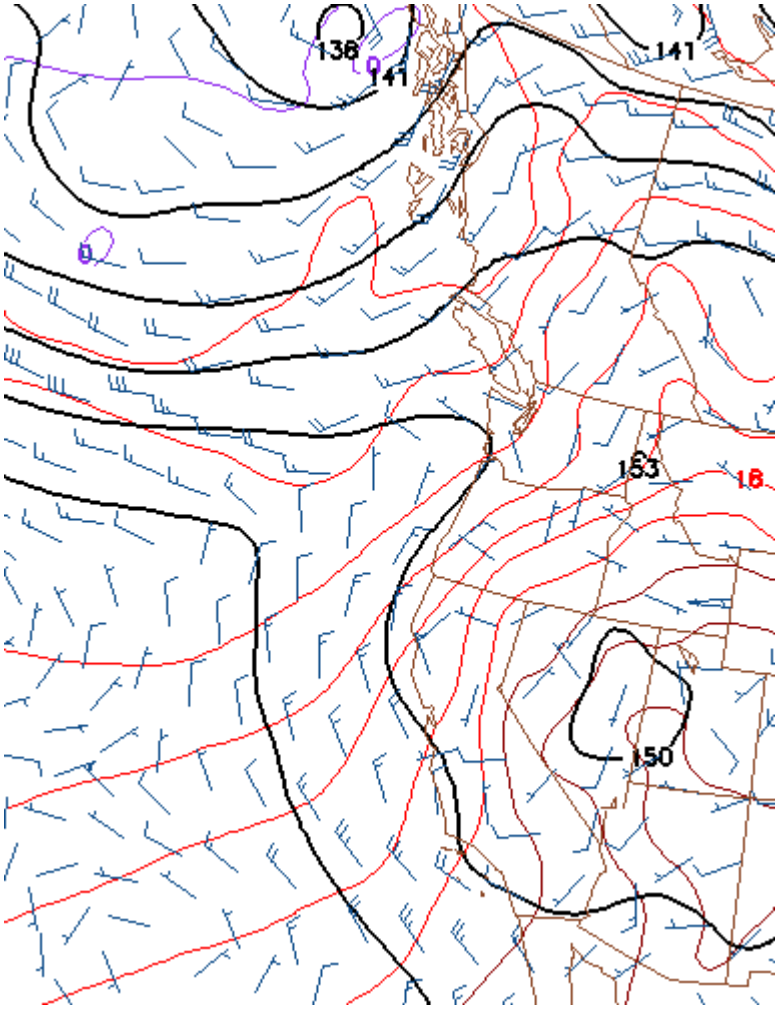


GFS Surface Forecast

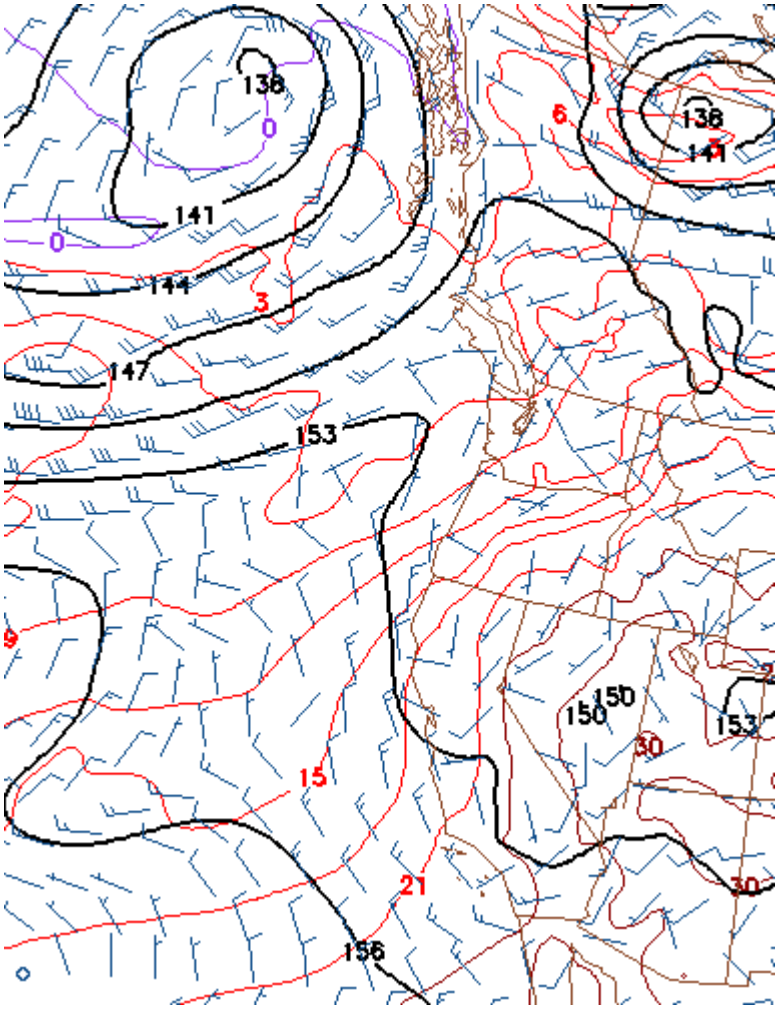


850 mb Forecast

GFS

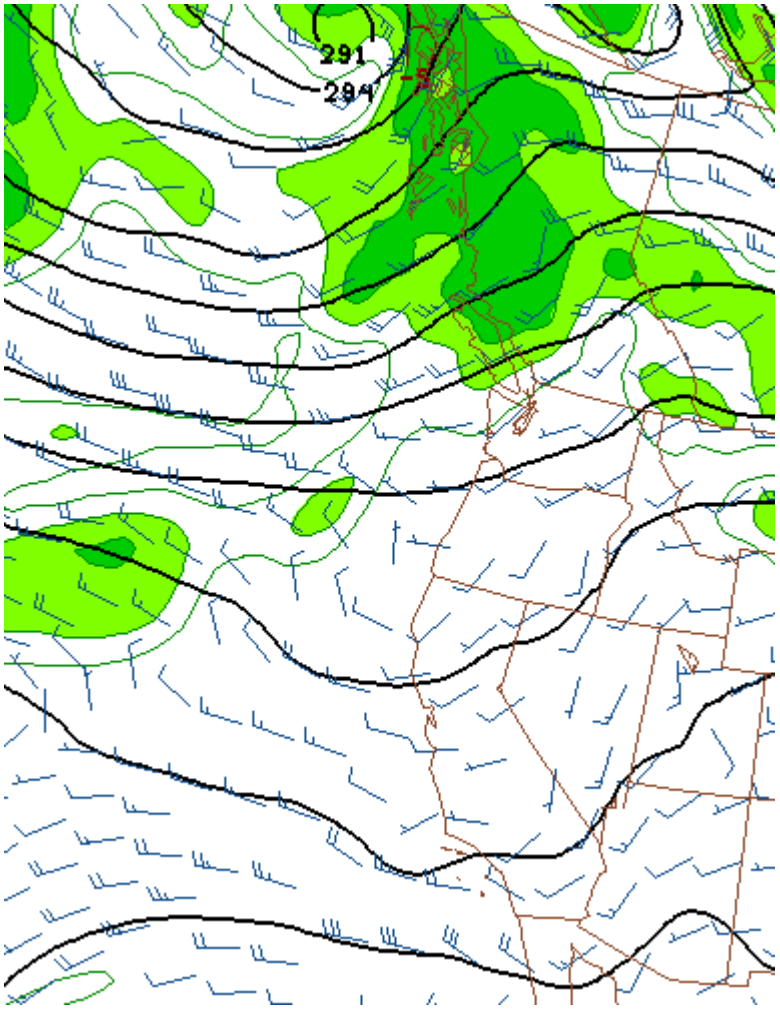


NAM



Forecast 700 mb

GFS



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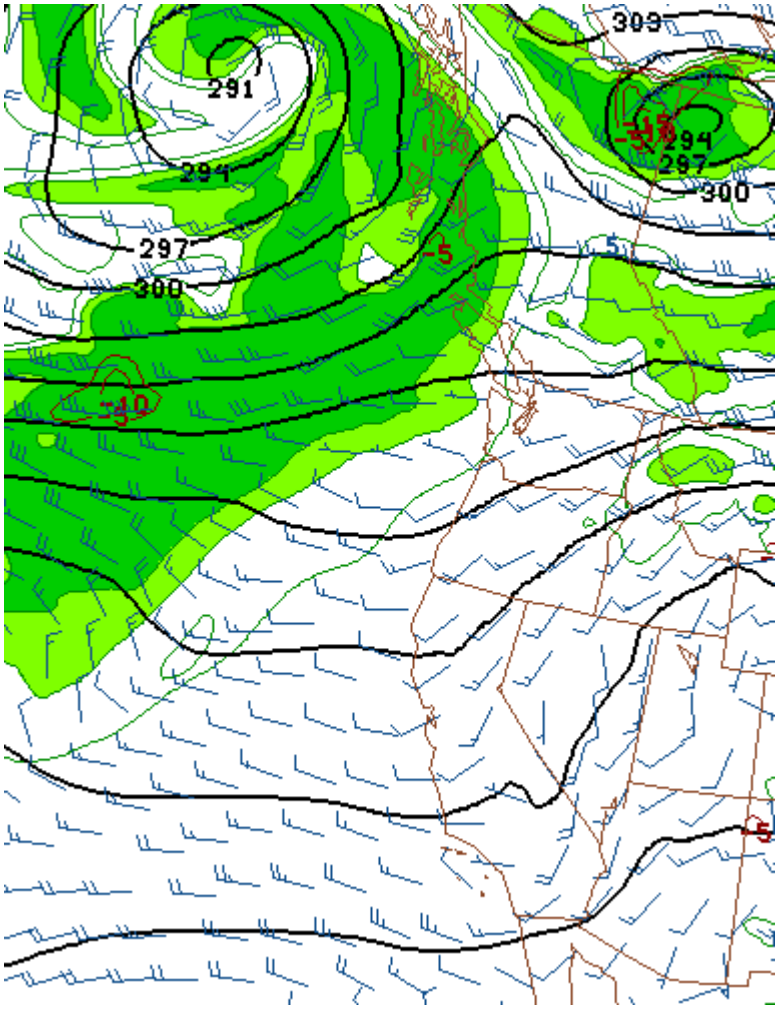
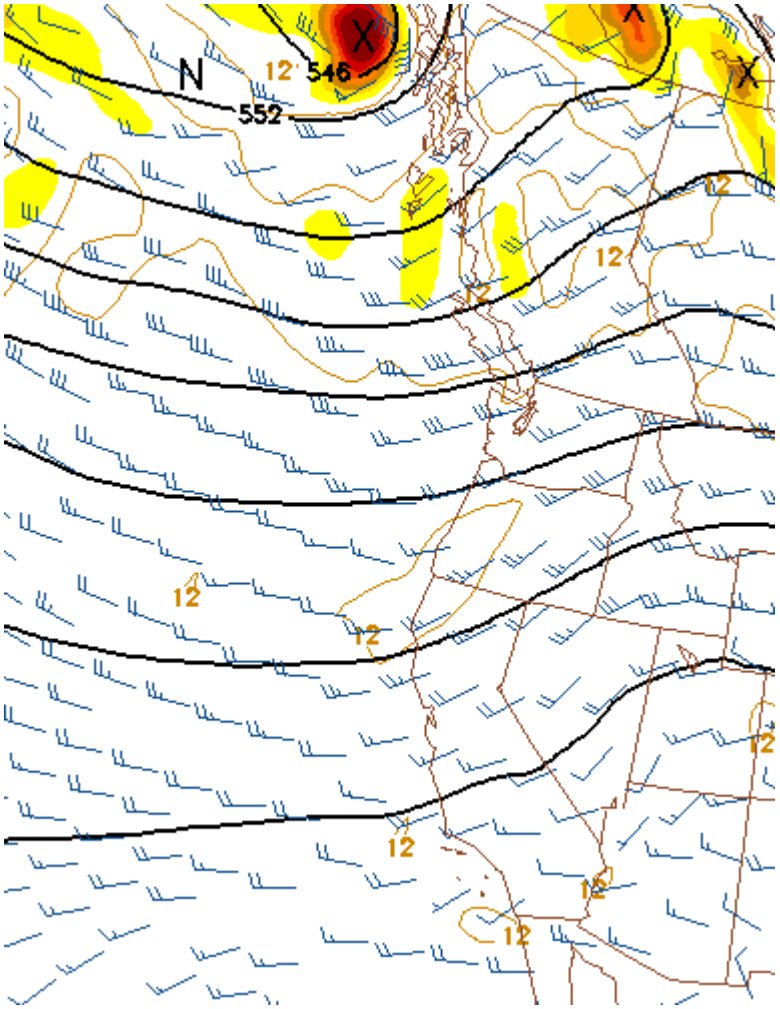


Forecast 500 mb

GFS



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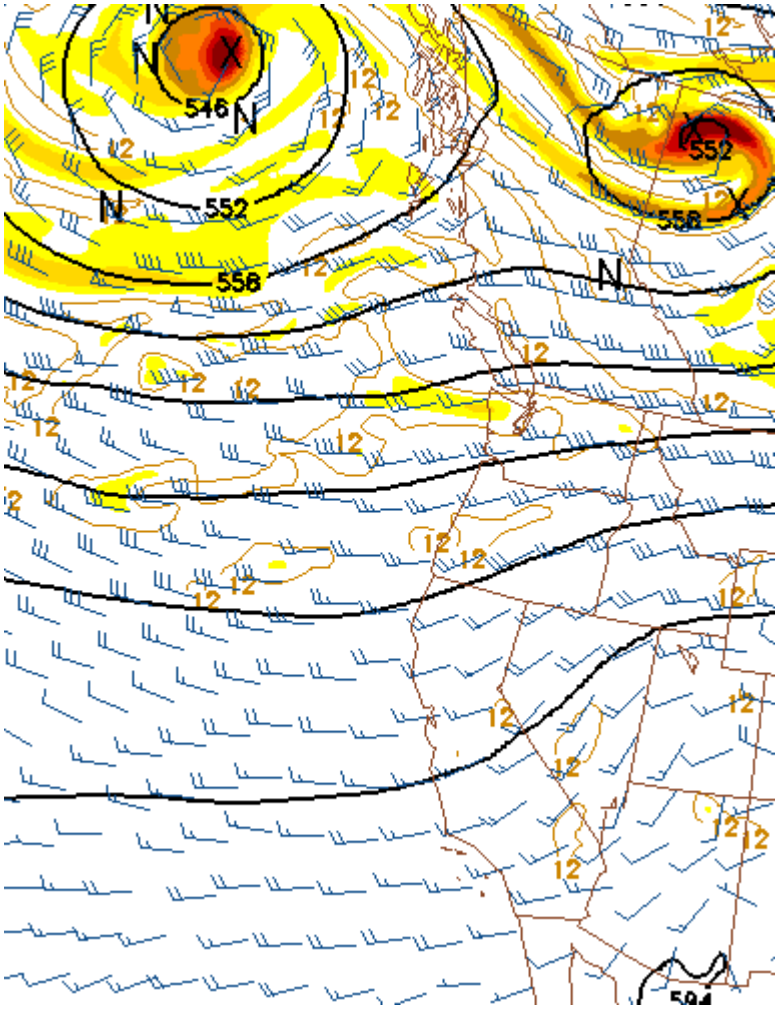
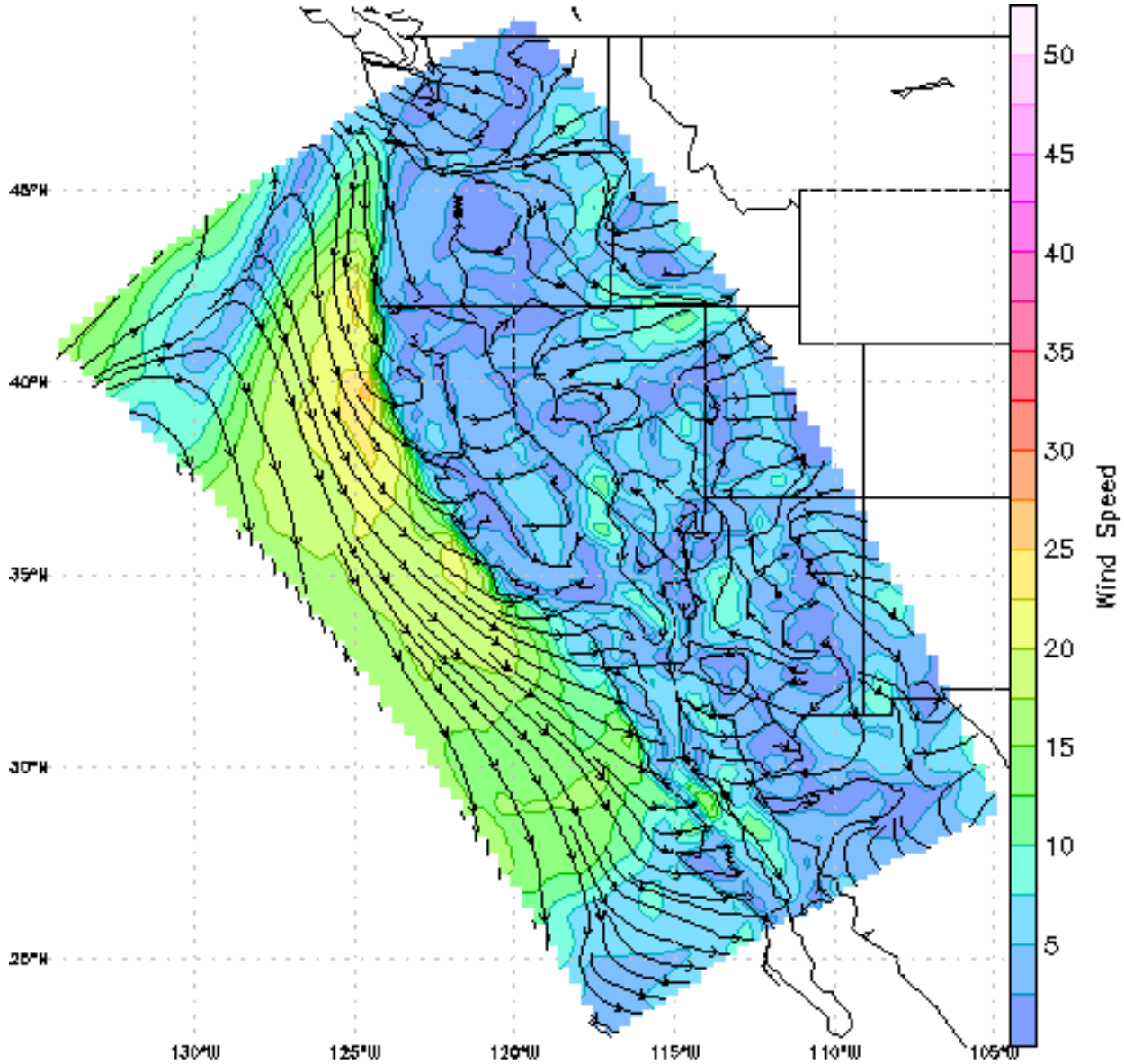
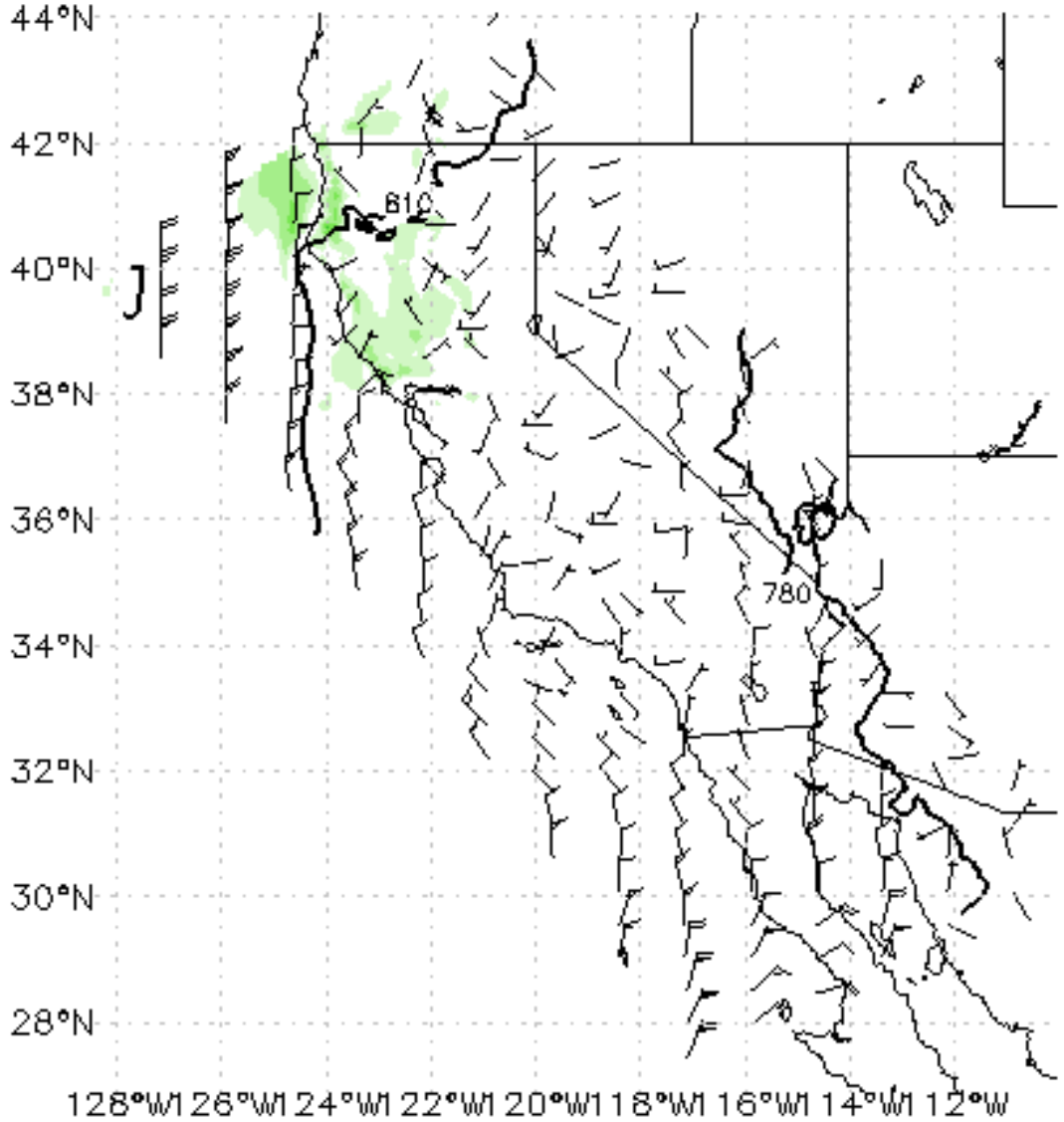


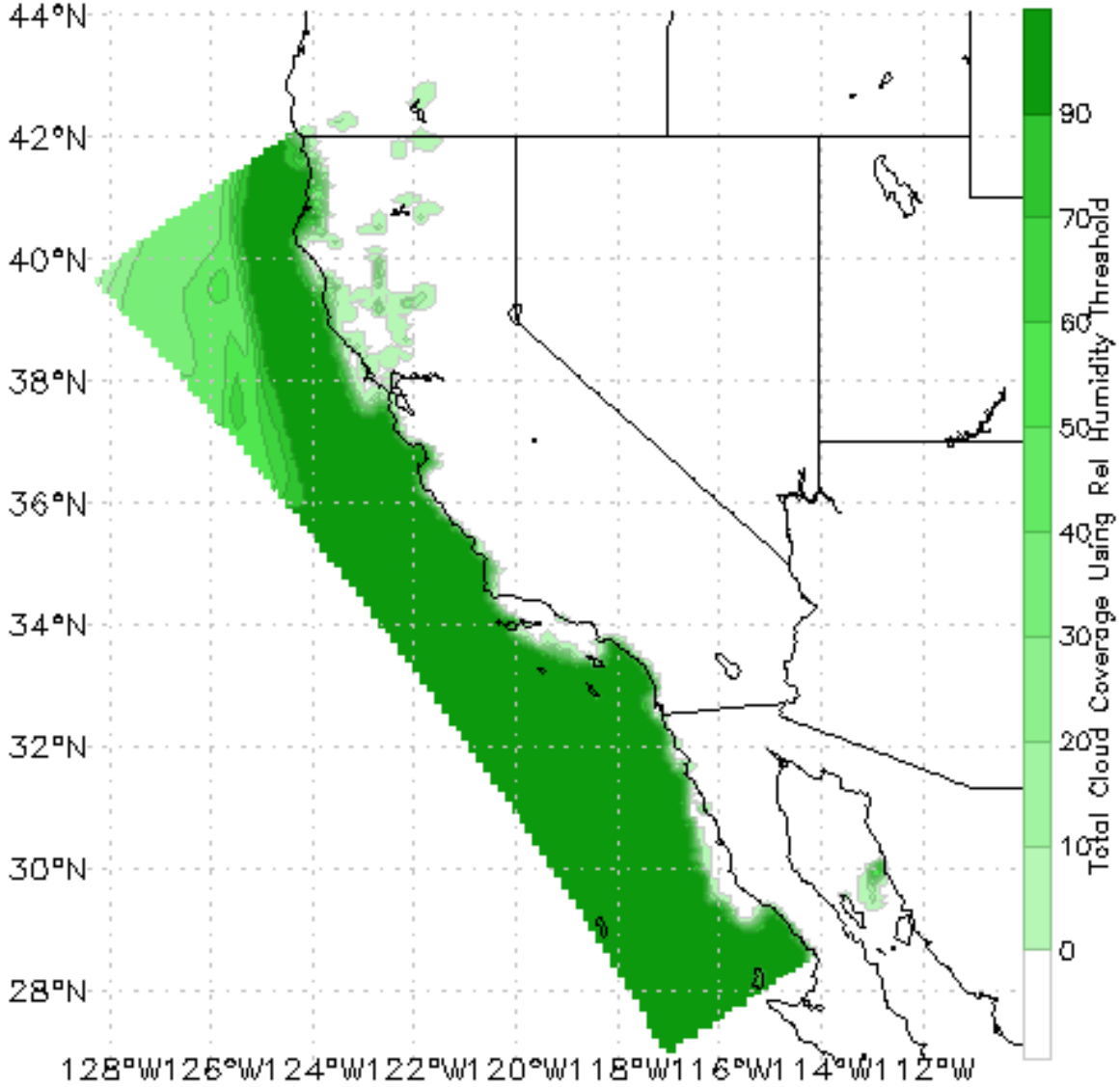
10 m Winds


45°N
40°N
35°N
30°N
25°N
130°W
125°W
120°W
115°W
110°W
105°W
50
45
40
35
30
25
20
15
10
5
Wind Speed

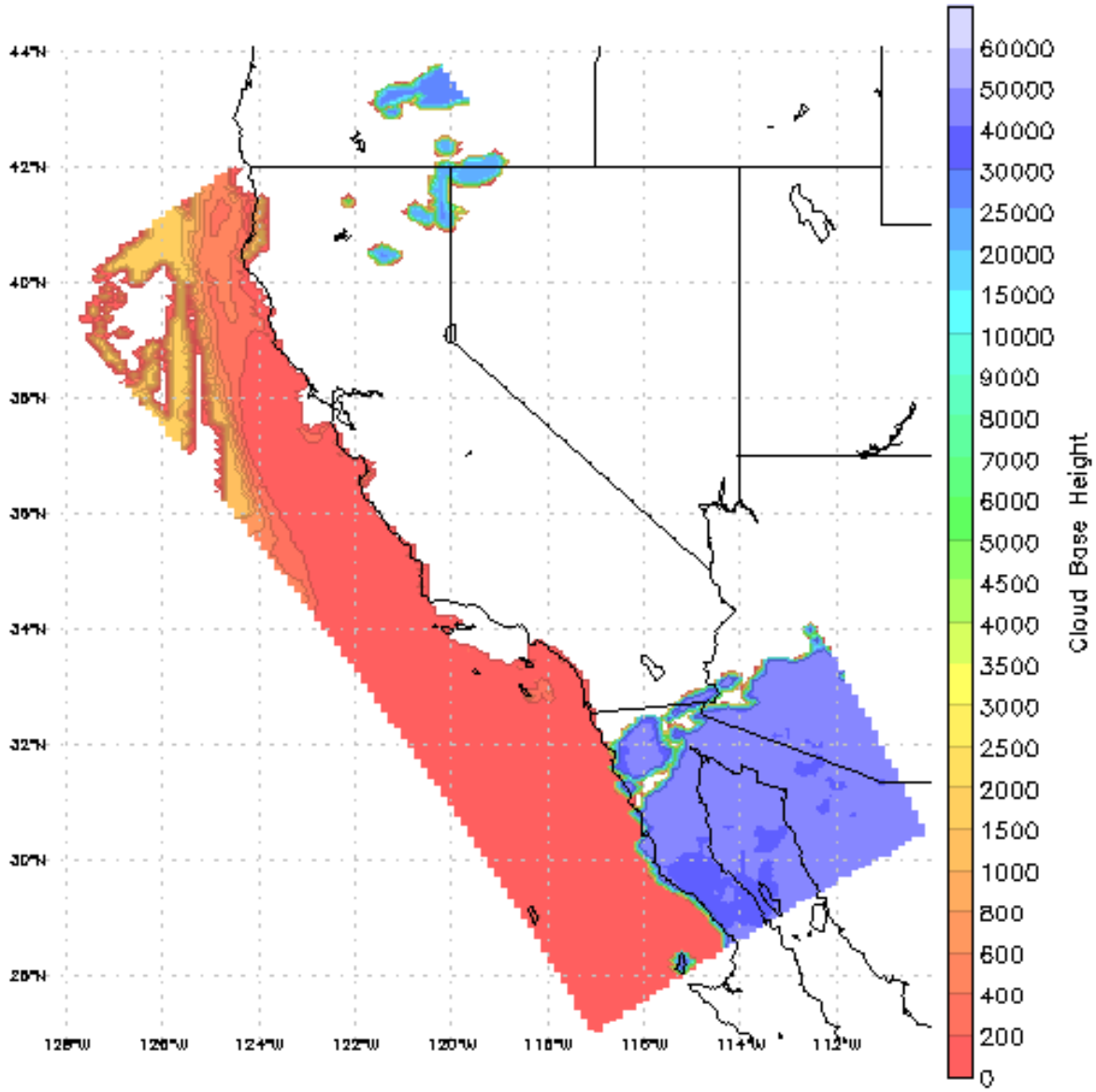
925 mb Winds/RH



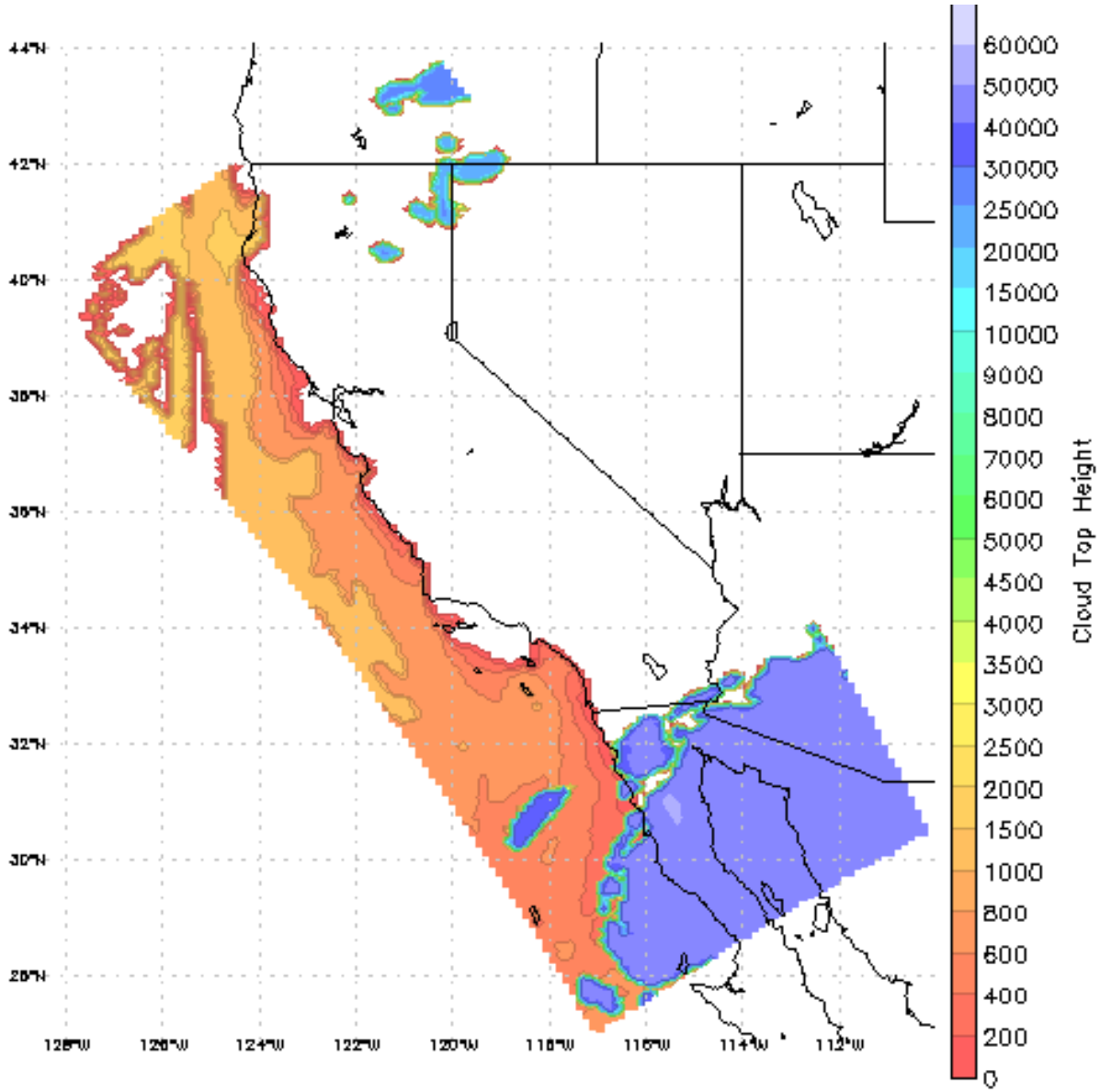
Low Cloud Amount (%)



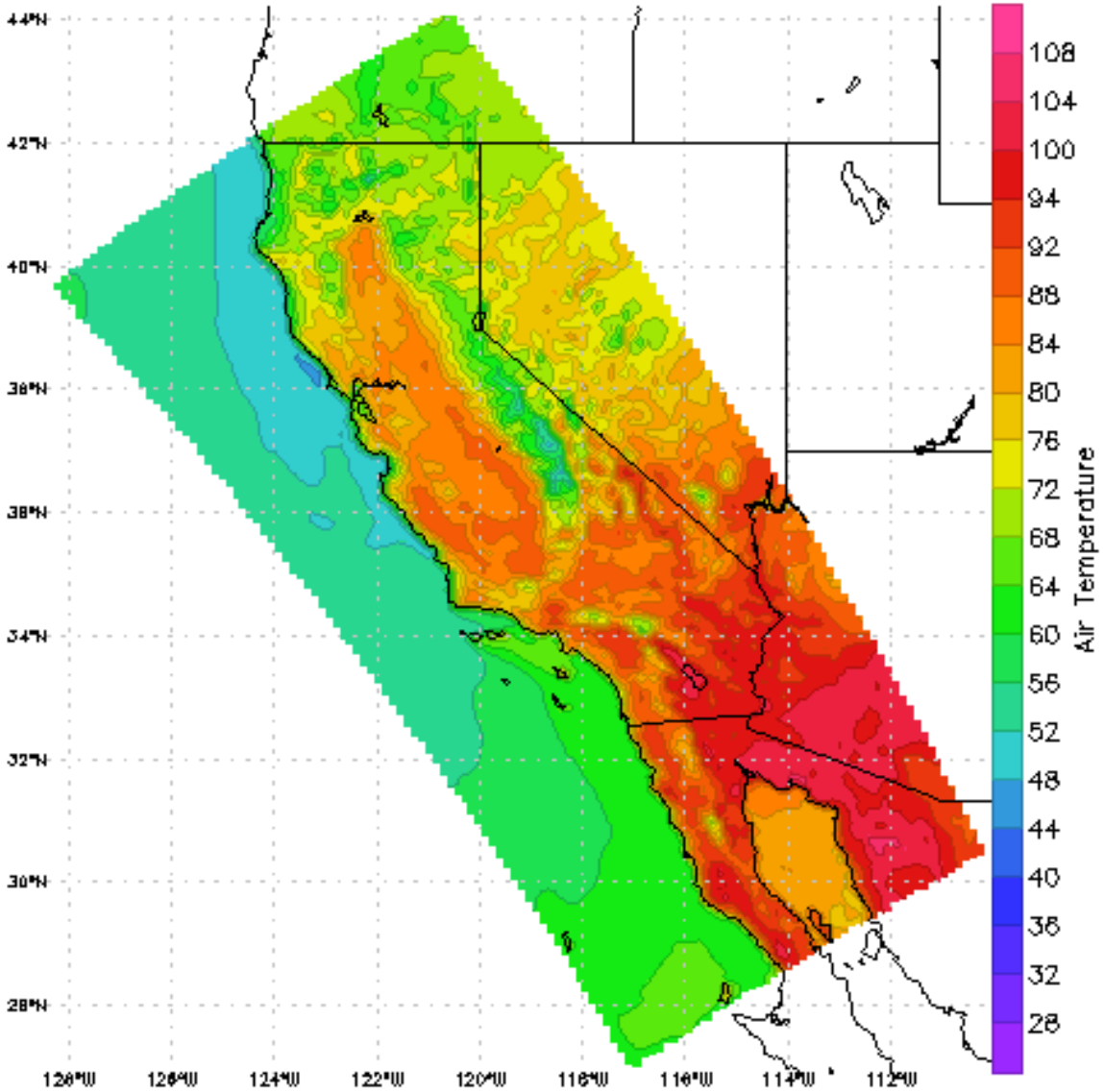
Cloud Base (ft.)



Cloud Top (ft.)


44°N
42°N
40°N
38°N
36°N
34°N
32°N
30°N
28°N
128°W
126°W
124°W
122°W
120°W
118°W
116°W
114°W
112°W
60000
50000
40000
30000
25000
20000
15000
10000
9000
8000
7000
6000
5000
4500
4000
3500
3000
2500
2000
1500
1000
800
600
400
200
0
Cloud Top Height

Surface-2 m Temps
2100 Z

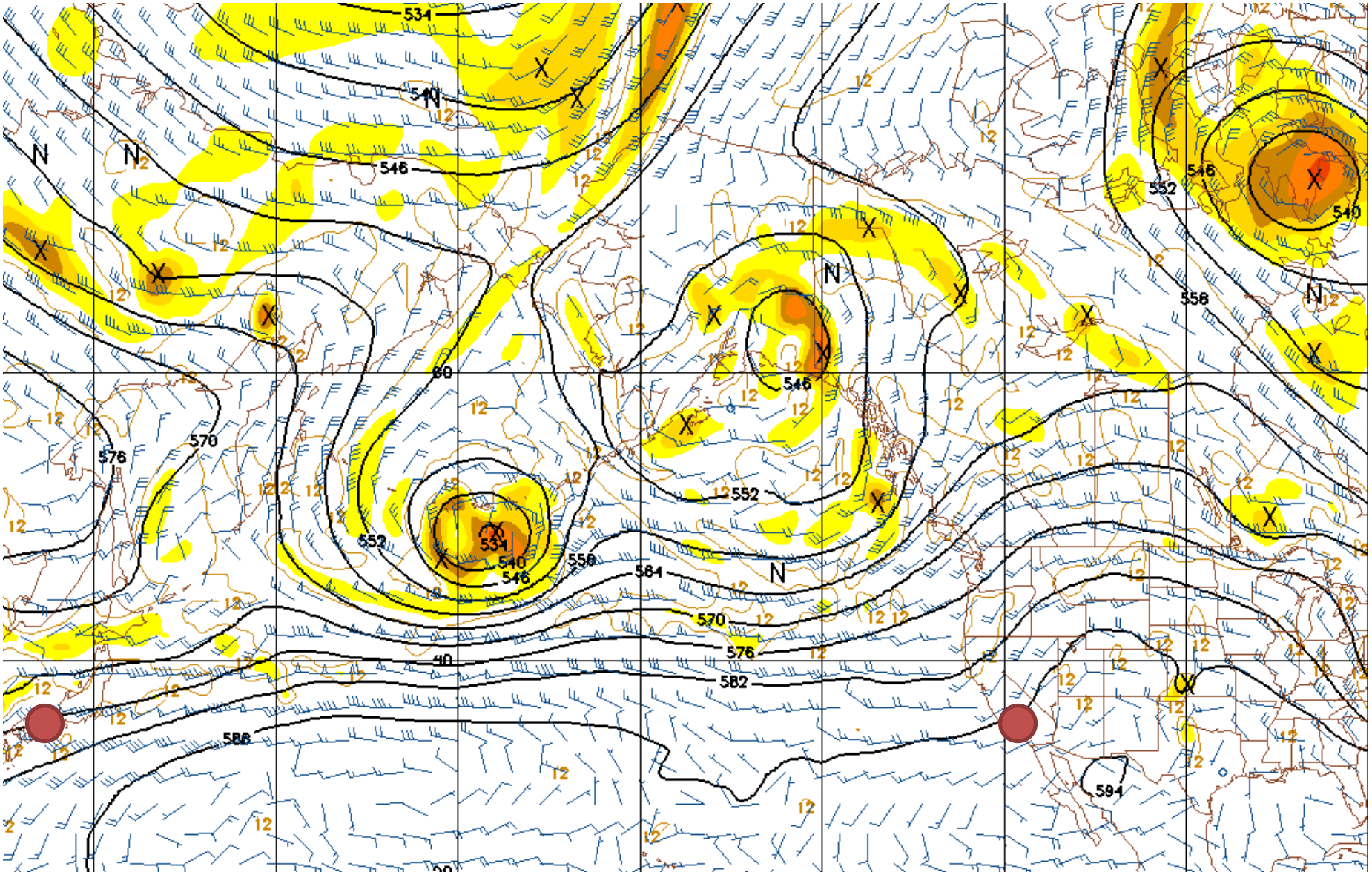


Tuesday

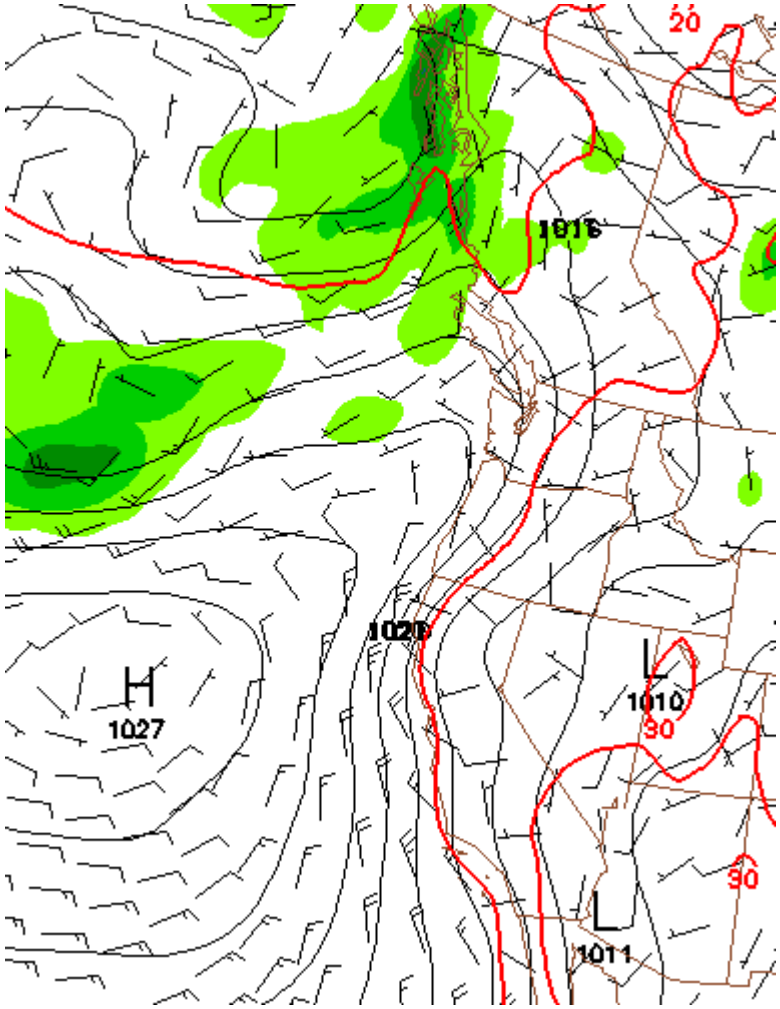
June 24th

1800Z (11AM)

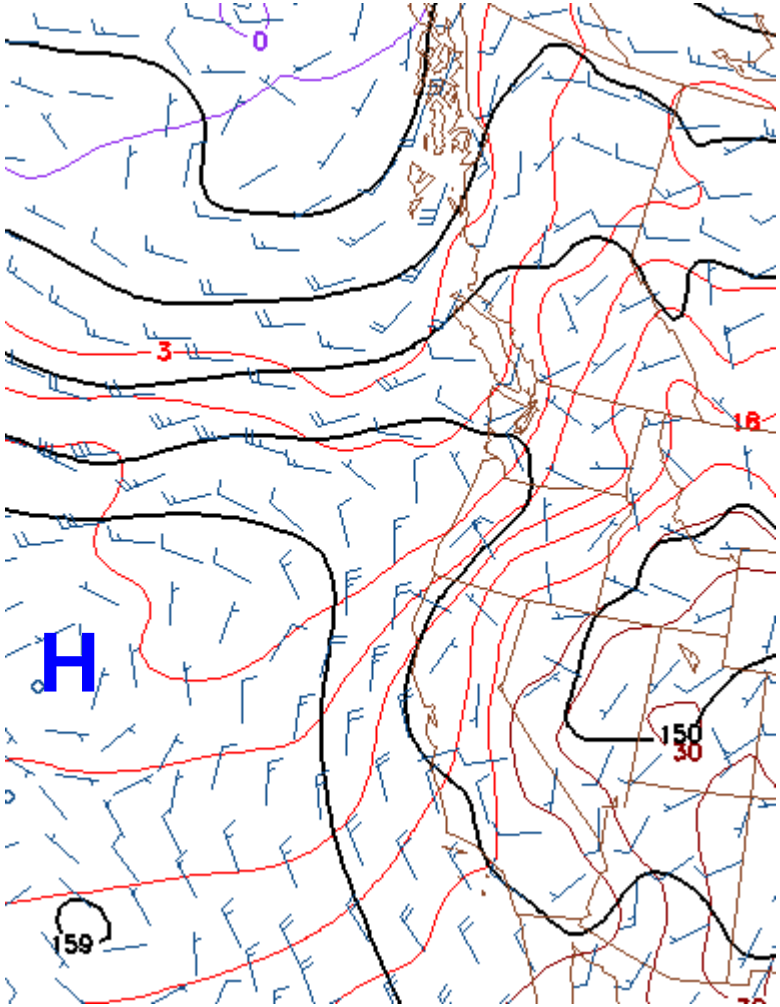
GFS Pacific 500 mb



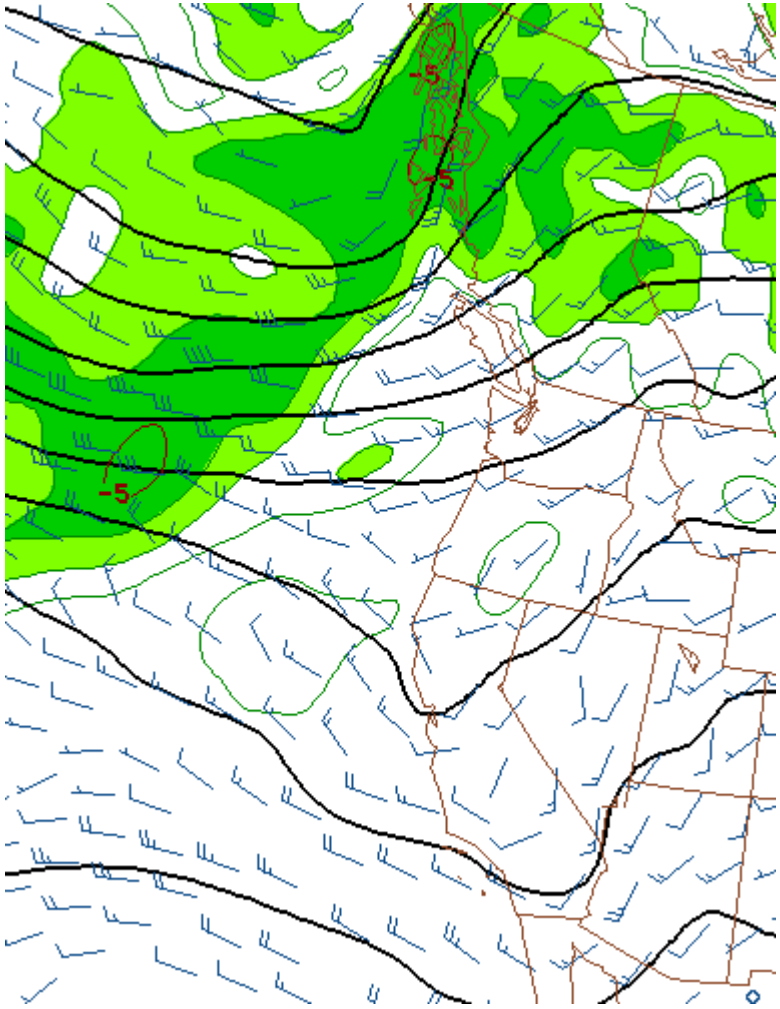
GFS Surface Forecast



GFS 850 mb Forecast



GFS 700 mb Forecast



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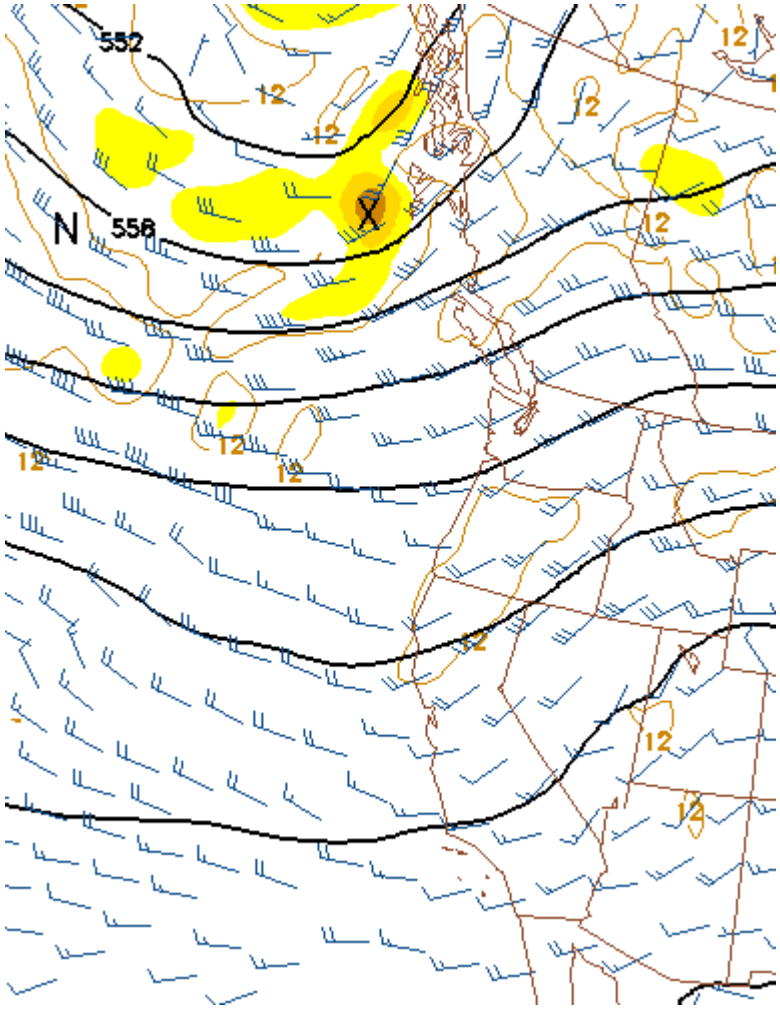
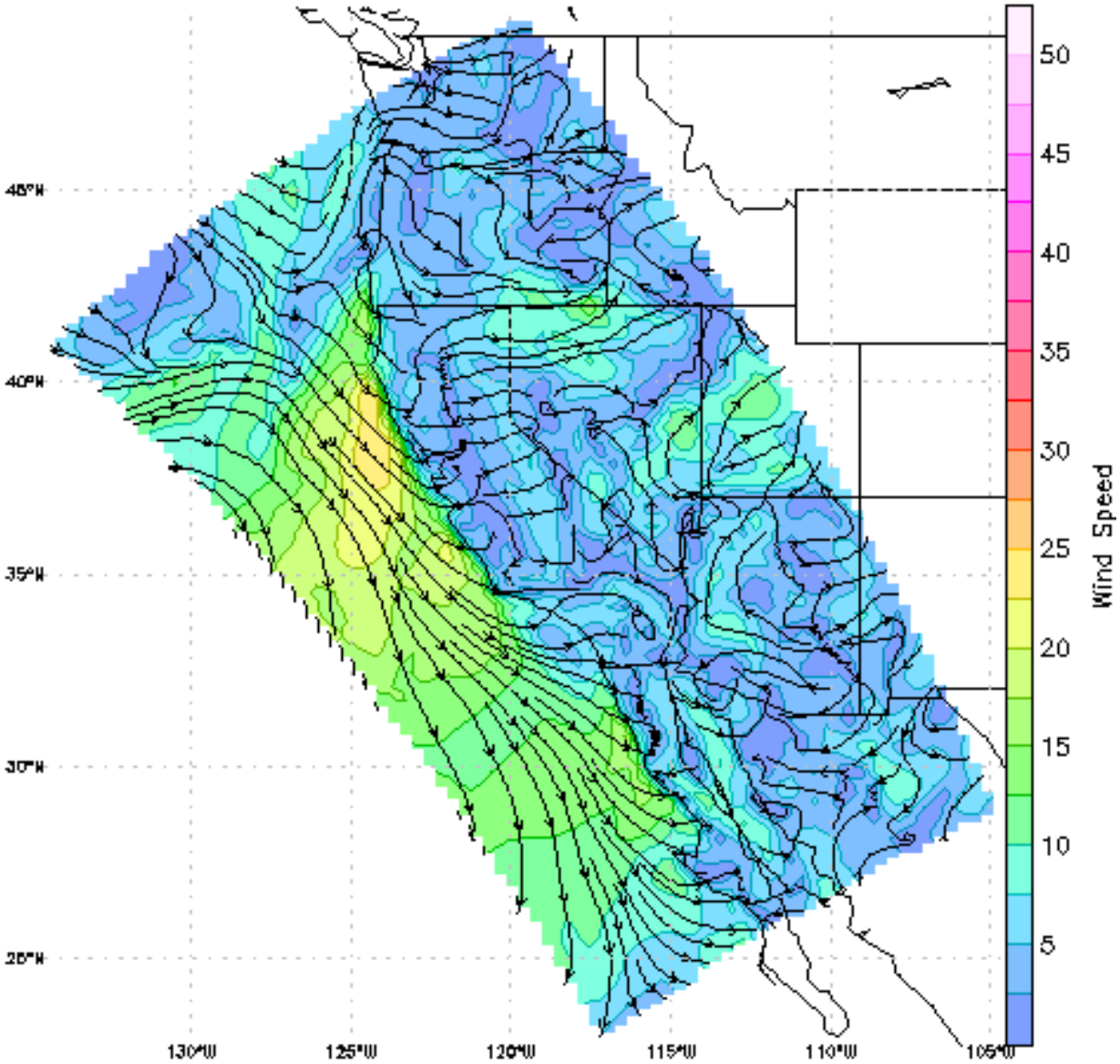
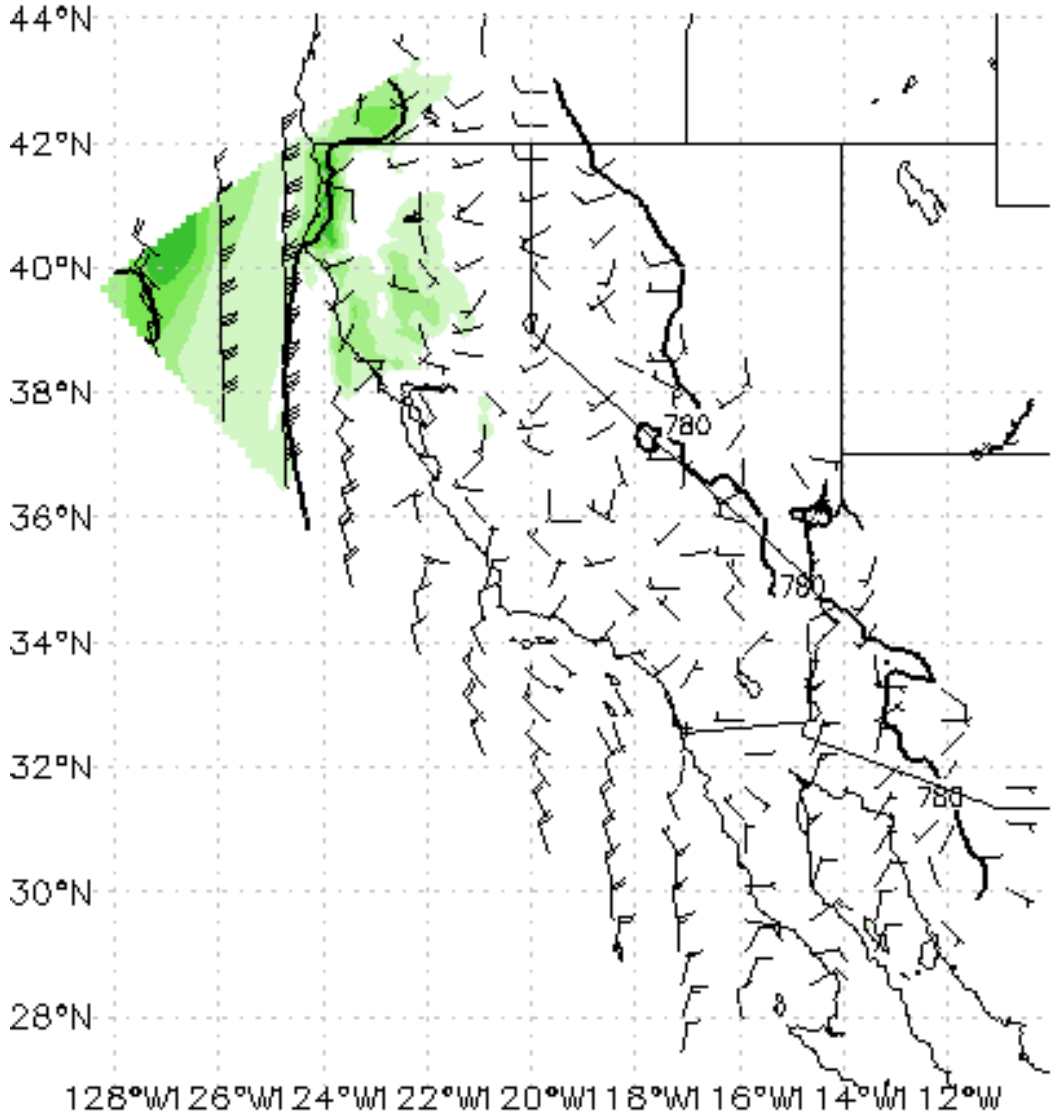


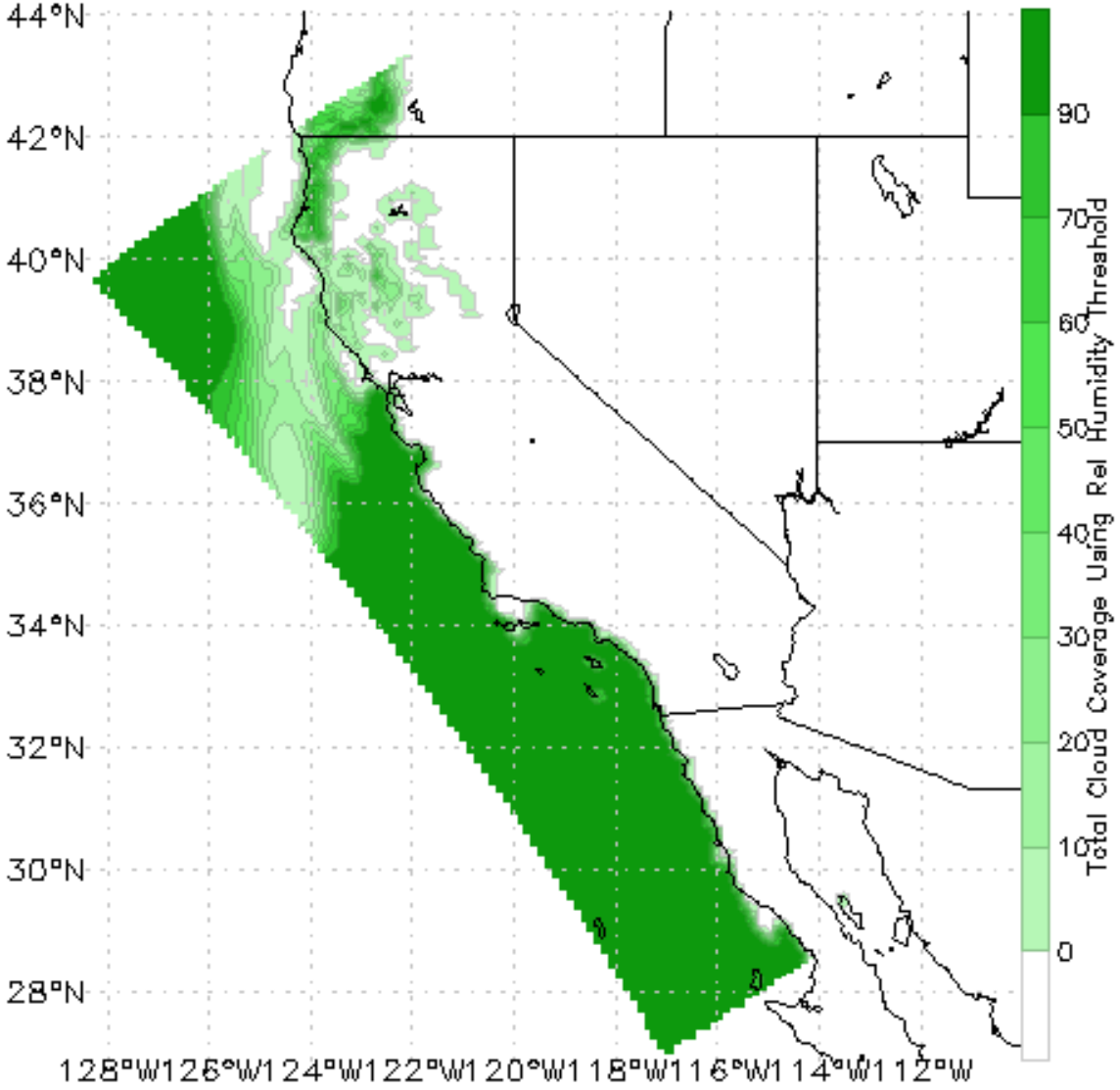
10 m Winds


45°N
40°N
35°N
30°N
25°N
130°W
125°W
120°W
115°W
110°W
105°W
50
45
40
35
30
25
20
15
10
5
Wind Speed

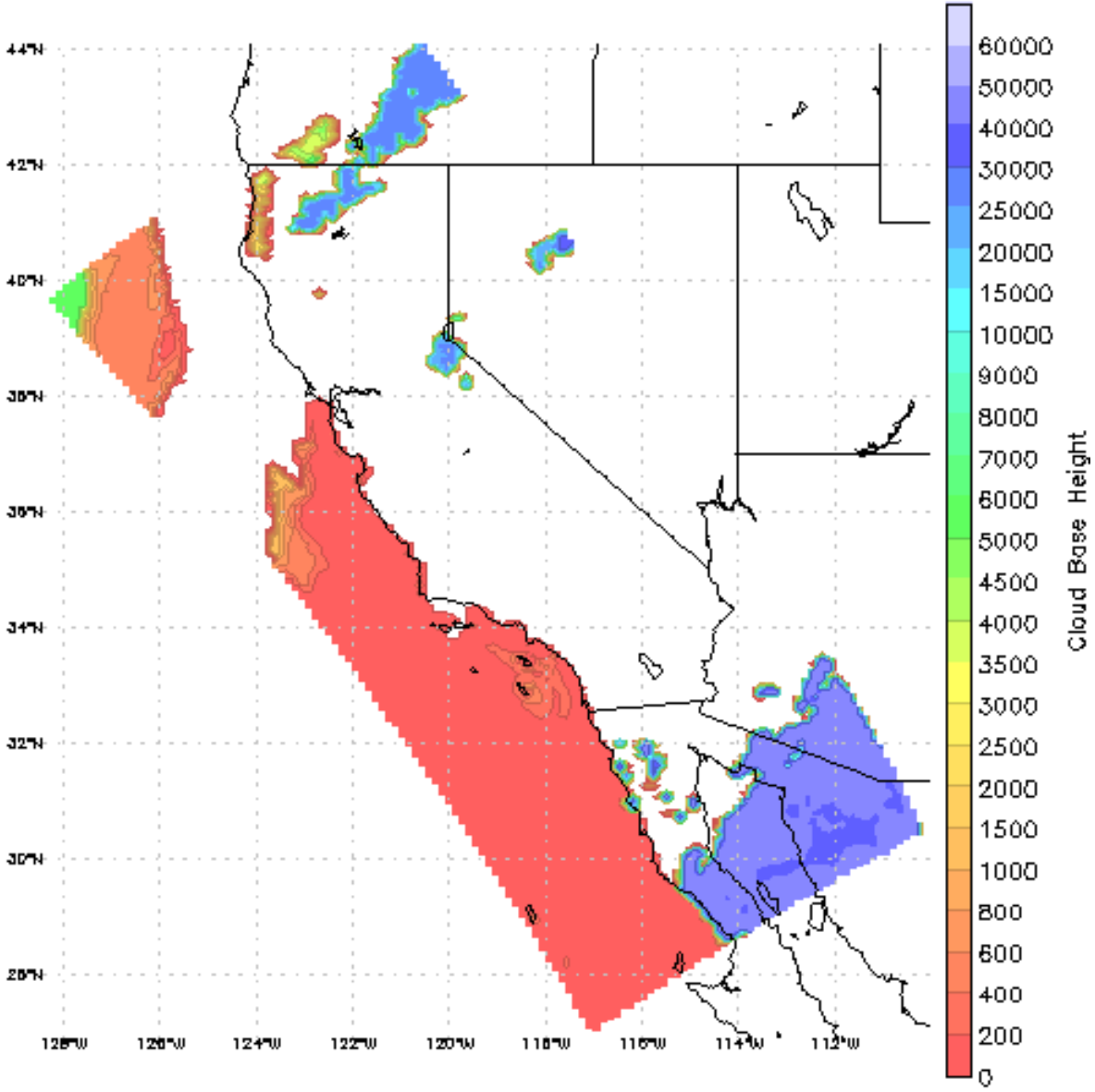
925 mb Winds/RH



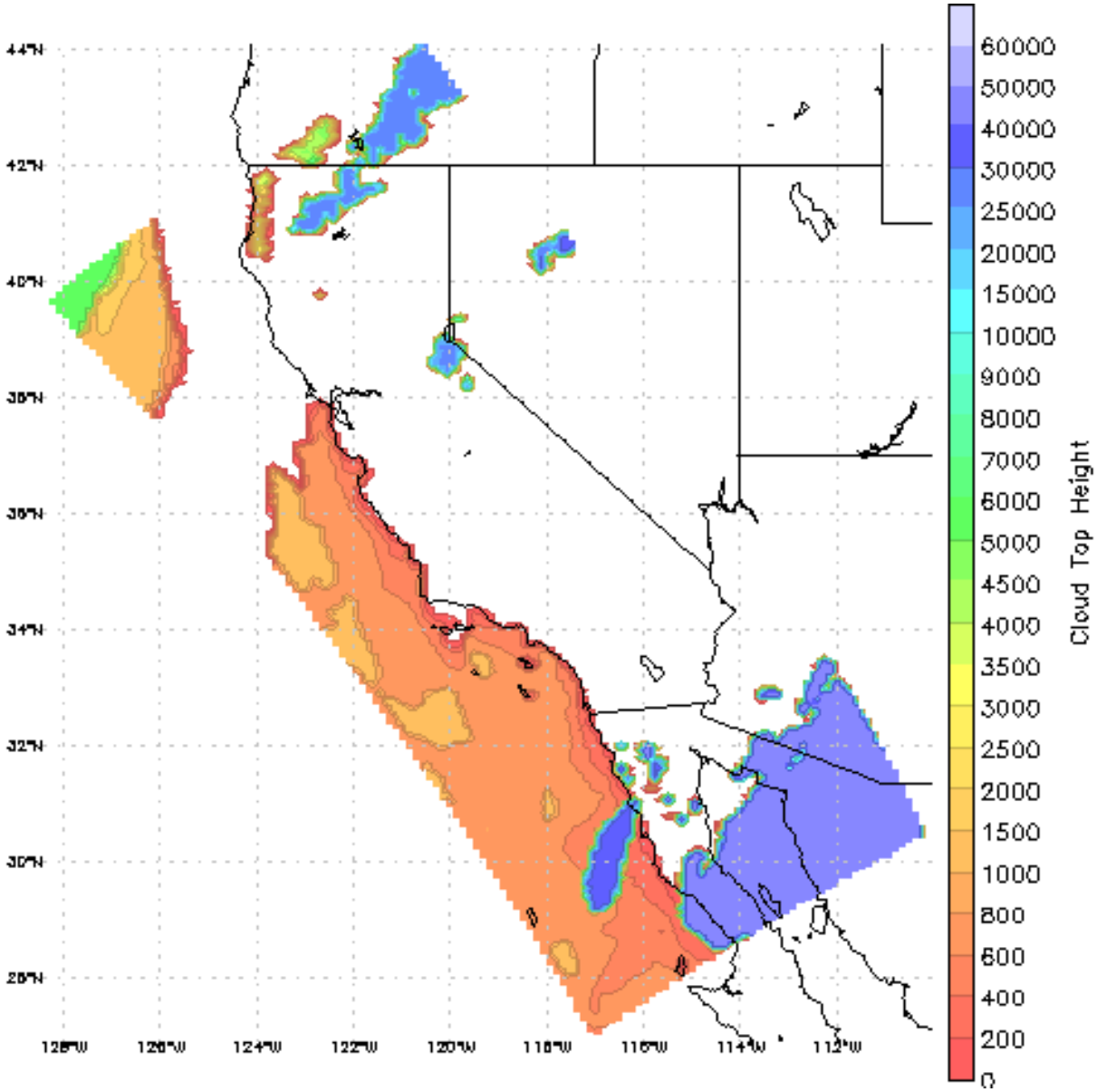
Low Cloud Amount (%)



Cloud Base (ft.)



Cloud Top (ft.)


44°N
42°N
40°N
38°N
36°N
34°N
32°N
30°N
28°N
128°W
126°W
124°W
122°W
120°W
118°W
116°W
114°W
112°W
60000
50000
40000
30000
25000
20000
15000
10000
9000
8000
7000
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4000
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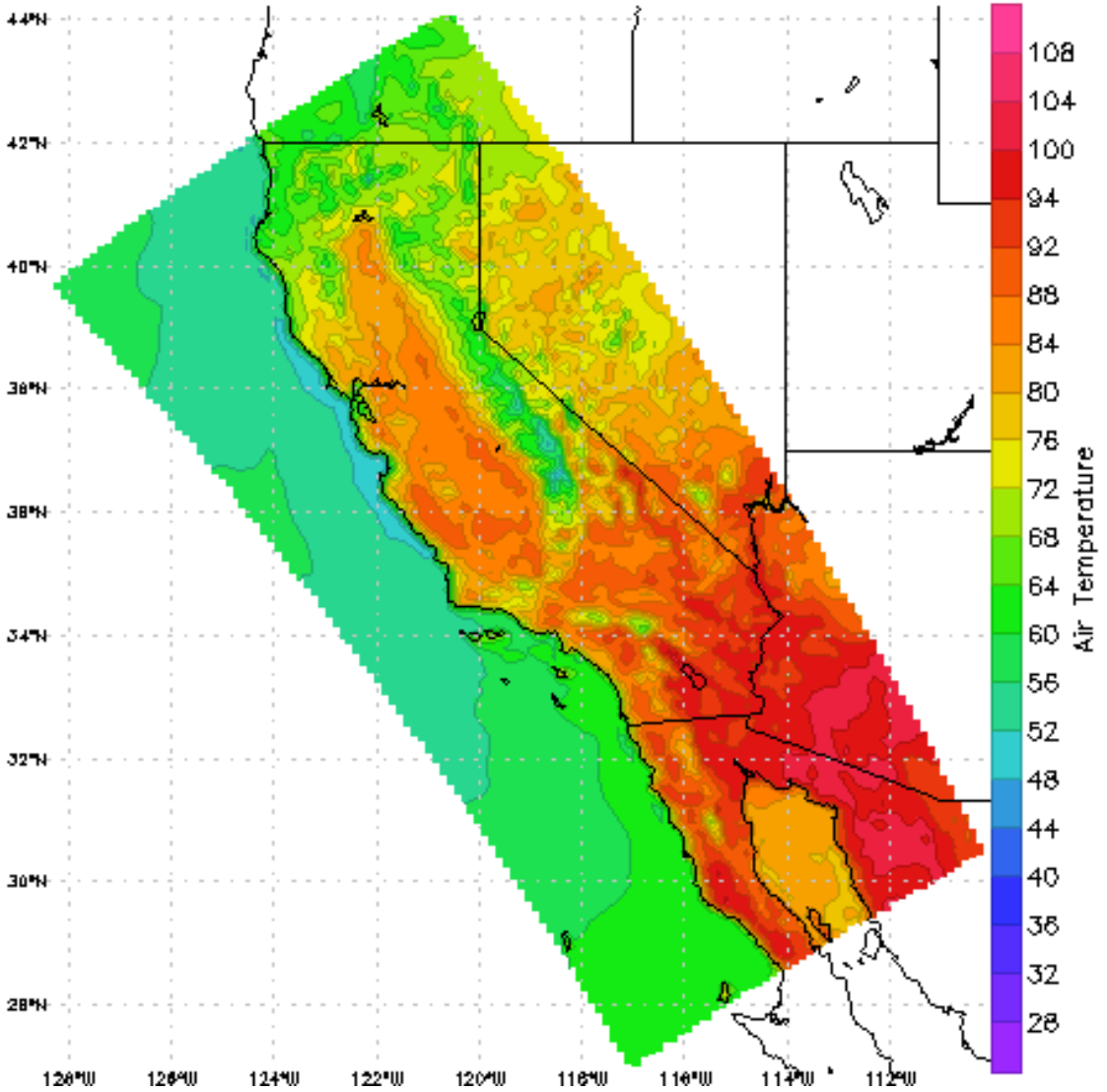
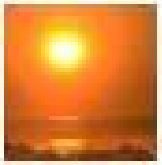
3000
2500
2000
1500
1000
800
600
400
200
0
Cloud Top Height

Surface-2 m Temp
2100 Z



Palmdale Forecast

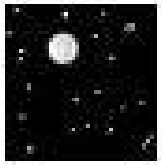
Today



Hot

Hi 106°F

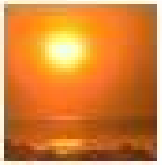
Tonight



Clear

Lo 66°F

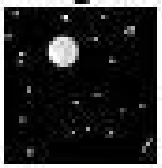
Saturday



Hot

Hi 102°F

Saturday Night



Clear

Lo 64°F

Sunday

Hot

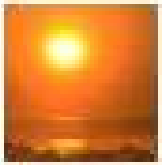
Hi 100°F

Sunday Night

Clear

Lo 63°F

Monday



Hot

Hi 97°F

Monday Night

Mostly Clear

Lo 63°F

Tuesday

Sunny

Hi 95°F