

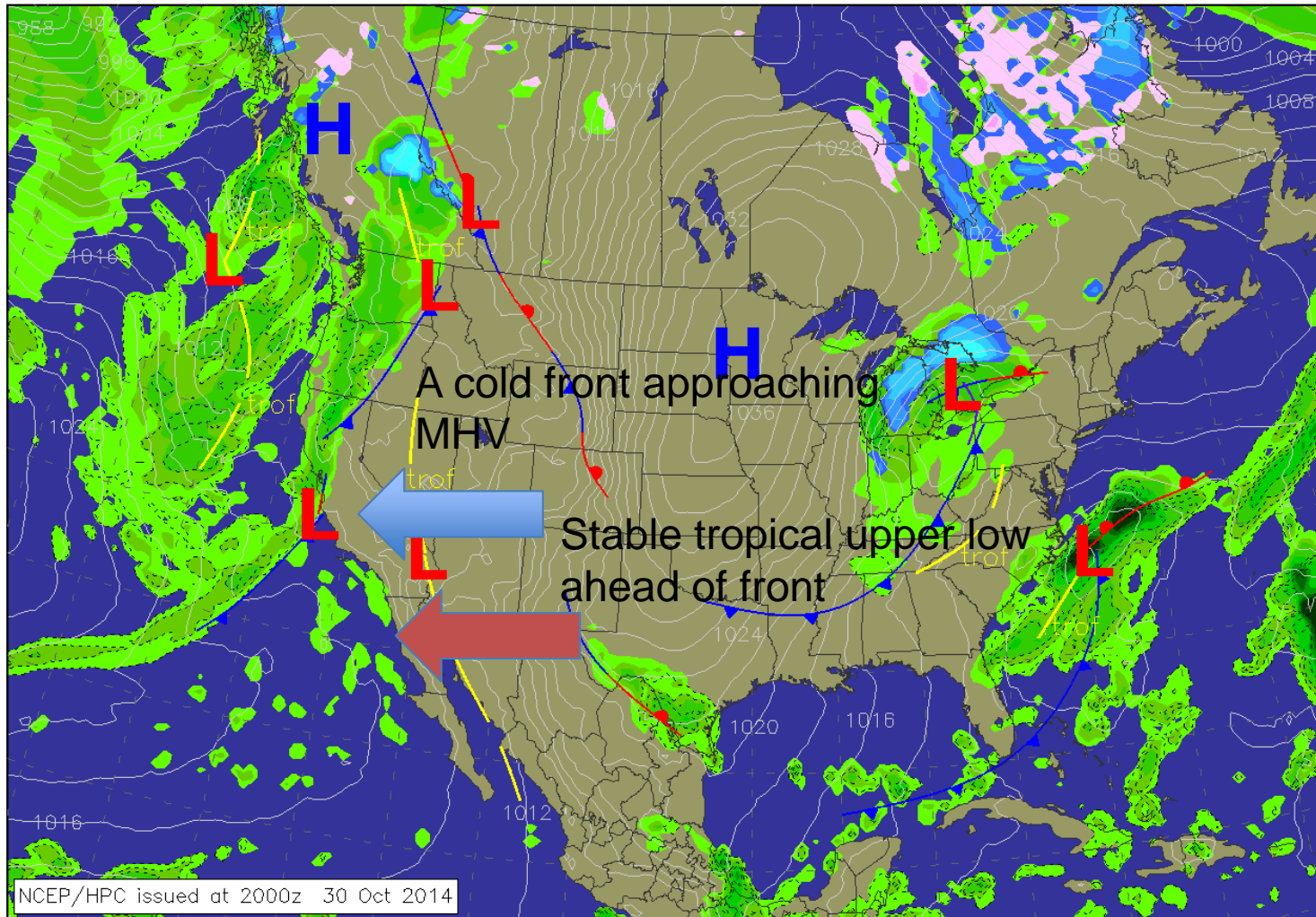
# SpaceShip2 PF04 Flight Weather Forecast

Friday October 31, 2014

Forecast for Friday October 31, 2014

# Synopsis

24 hr forecast valid 1800 UTC Fri 31 Oct 2014



Rain



Snow



Wintry mix

# Flight PO4 WX Friday

- Clouds will remain west of test flight area during the flight. Forecast is on track.
- An weak upper level low is be exiting test flight area
- Surface winds will start out light and variable and increase after 10 am
- Expect increase in cloud cover beginning after 11 am

# Surface Forecast Take-off

Friday October 31, 2014 1415Z (7:15 am local )

Winds 250 at 5kts X wind 2 kts

Clouds Few at 20,000 feet thin Cirrus

Definitions: Clear-no clouds

Few 0 to  $< 1/8$  coverage

Scattered  $\geq 1/8$  to  $< 4/8$  coverage

Broken  $\geq 4/8$  to  $7/8$  coverage

Overcast  $8/8$  coverage

# Winds aloft

## No significant windshear forecast

5K-220 15  
10K-190 26  
15K-200 34  
20K-220 34  
25K-225 24  
30K-230 49  
35K-230 58  
40K-230 62  
45K-220 70  
50K-240 50  
60K-240 30

# Weather Hazards

No weather hazards forecast

# Landing forecast

Friday October 31, 2014 1515Z (8:15 am local )

Winds 240 at 7 kts X winds 4 kts

Clouds Few at 21,000 feet thin Cirrus

Weak mountain wave North of MHV

Alto cumulus standing lenticulars

Rotor turbulence Owens valley

# Remarks

- Forecast is on track.
- Models consistent with a window for flight test. Tropical system exiting test area.
- Models have good handling both long and short term.
- Current space weather forecast indicates no concerns for flight. Weak R1 Alert for brief radio interference High freq. Low freq Navigation degraded for brief intervals.
- Considerable cloud cover and winds forecast for Saturday



# Contacts

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