



Weather Maps / Forecast Exercise #3

April 1 to 3, 2010

Exercise #3 (12Z 01 APRIL 2010): Online at mountainweather.com you will find a series of Satellite & Radar maps from 0Z to 15Z April 01 and GFS maps (300mb to 850mb and Precip) from 12Z April 01 thru 12Z April 04. From these maps we are going to look specifically at two locations, one in the Cascade Mountains of Washington and one in the Teton Range of Wyoming. Analyze maps to do a short term forecast for these two locations. Answering the questions below.

TETONS: Near Jackson Hole Ski Area, Lat. 43°N, 111°W **Elevation @ 9,500-ft.**

CASCADES: Near Mt. Baker Ski Area 49°N, 122°W **Elevation @ 4,500-ft.**

Describe Current Synoptic Situation:

Where is best Precip occurring right now, from Radar Loop:

What is missing from this picture?

Forecast for the Tetons April 1st : 12Z APR 01 to 12Z APR 02

| Winds: Avg. Spd/ Dir. | Temps: Max/Min | Water: inches | Snowfall: inches |
|------------------------------|-----------------------|----------------------|-------------------------|
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Notes:

Forecast for the Cascades: April 2nd : 12Z APR 02 to 12Z APR 03

| Winds: Avg. Spd/ Dir. | Temps: Max/Min | Water: inches | Snowfall: inches |
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Notes: