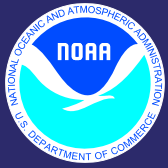


Winter Weather continues its grip on the Pacific Northwest!!

16 December 2008

National Weather Service – Seattle/Tacoma

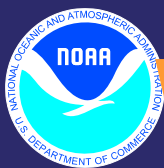




Overview



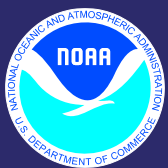
- **Cold dry air mass now in place**
- **Next weather system moving south from the NE Gulf of Alaska**
 - *Snow to begin on the Olympic Peninsula late tonight and spread SE*
 - *Snow to spread south thru western Washington Wed morning*
 - *Weather is terrain driven and will play a key role in how much snow and when*
 - *Snow to continue into Wed night and taper off by Thu*
- **What's next?**
 - *Another surge of colder air from the interior of western Canada Wed night/Thu*
 - *Continued unseasonably cold but dry Fri and Sat*
 - *Next weather system due by Sunday*
 - *This system has the potential to produce more snow than the Wed system*
 - *Continued cold into next week?*



Watch vs Warning vs Advisory



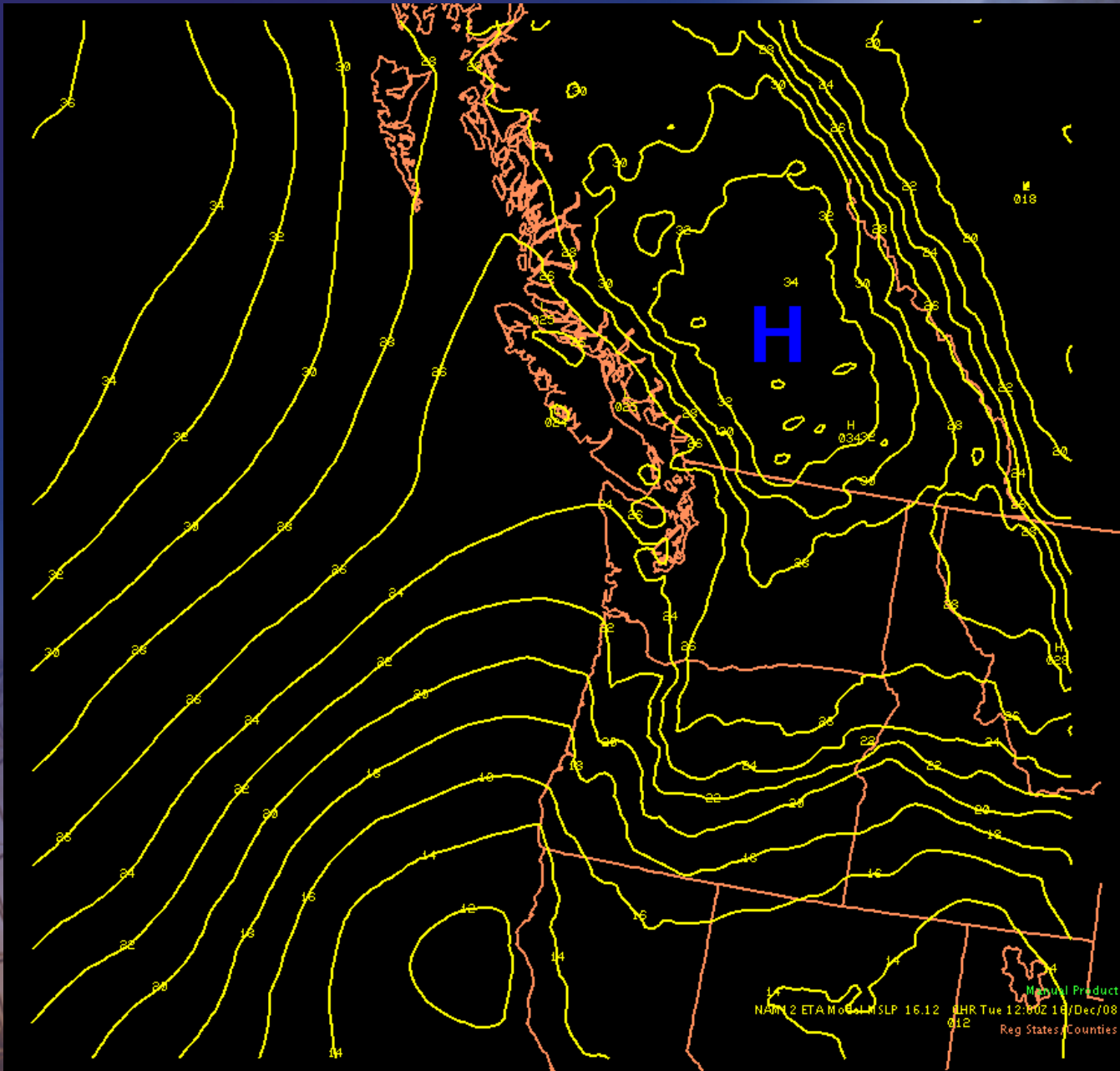
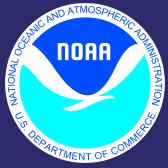
- **Watch**
 - *The hazardous weather event threat is higher, but still not certain – prepare now*
 - *Time period – 12-48 hours in advance of event*
- **Warning**
 - *Imminent or occurring – take action*
 - *Time period – within 12 hours of the event*
 - *Event is hazardous to life and property*
- **Advisory**
 - *Imminent or occurring*
 - *Time period – within 12 hours of the event*
 - *Event is more of an inconvenience vs threat to life and property*



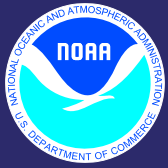
Winter Weather Criteria

- **Winter Storm Warning** (within 12 hours)
 - *Lowlands – 4” or more*
 - *Mountains – 12” or more*
- **Winter Weather Advisory** (within 12 hours)
 - *Lowlands – 1-3 inches*
 - *Mountains – 6-11 inches*
- **Blizzard Warning** (within 12 hours)
 - *Snow combined with winds of 35 mph or more and visibility of ¼ mile or less*

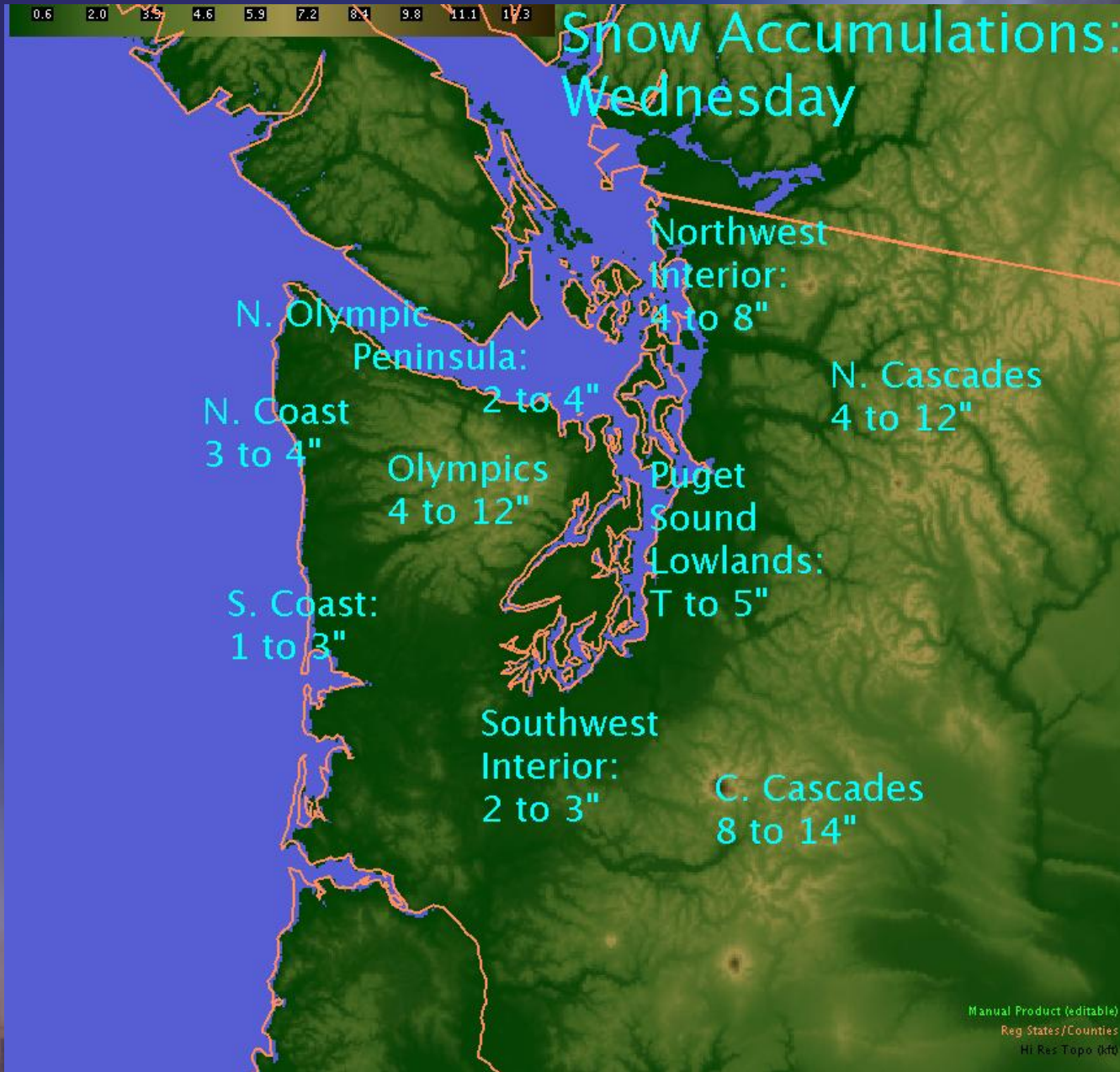
Surface Low

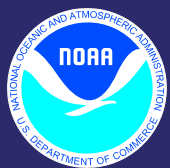


Model Product
NAM2 ETA Model MSLP 16.12 1HR Tue 12:00Z 18/Dec/08
012 Reg States/Counties

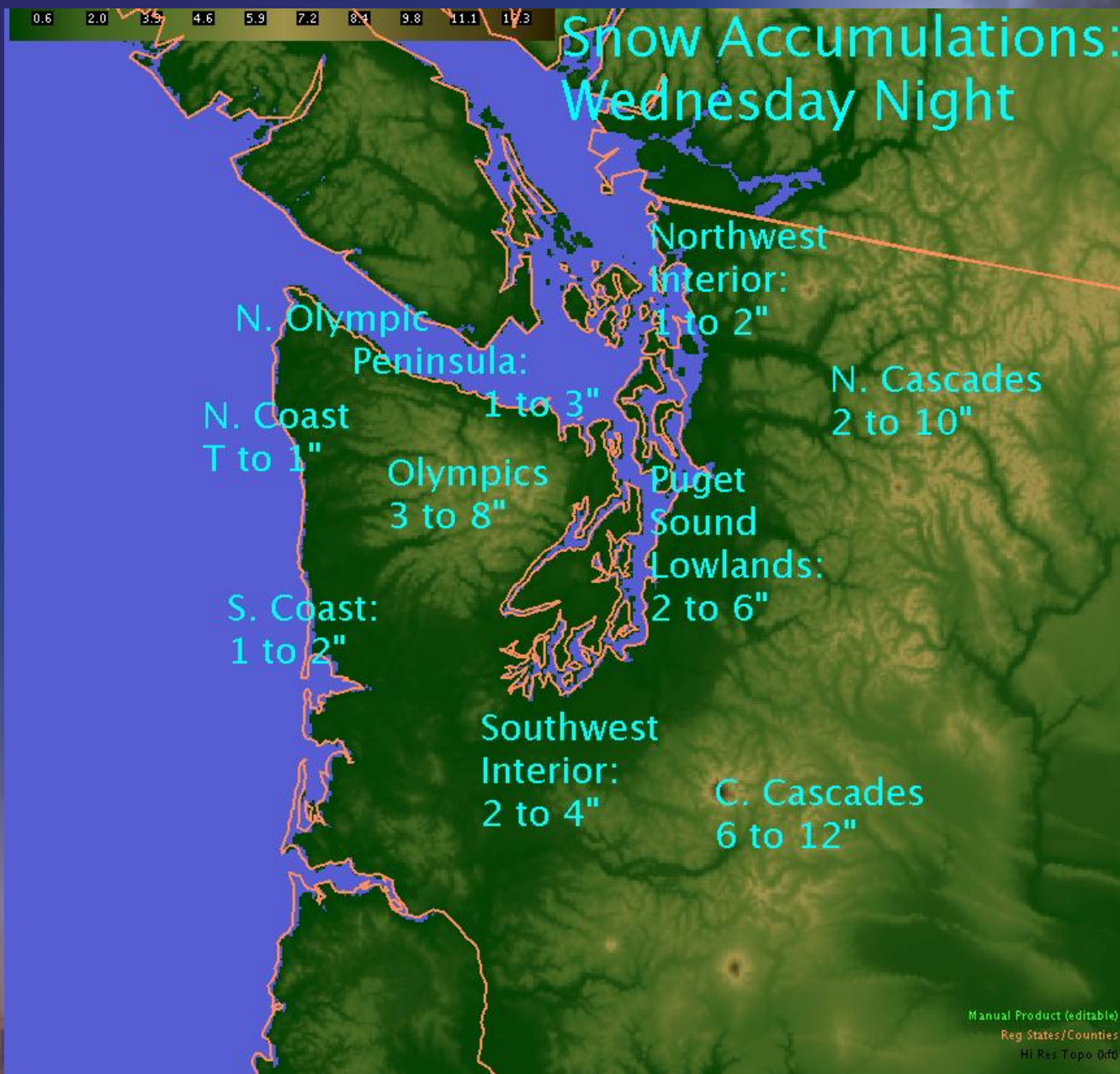


Snow

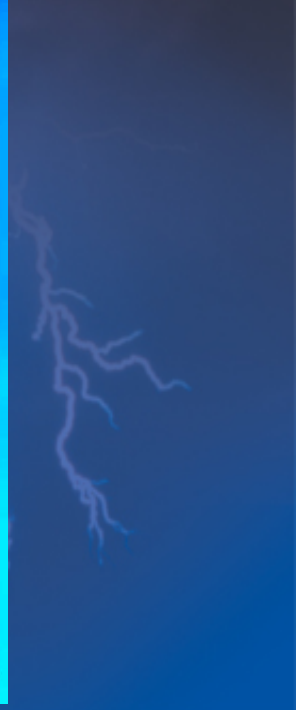
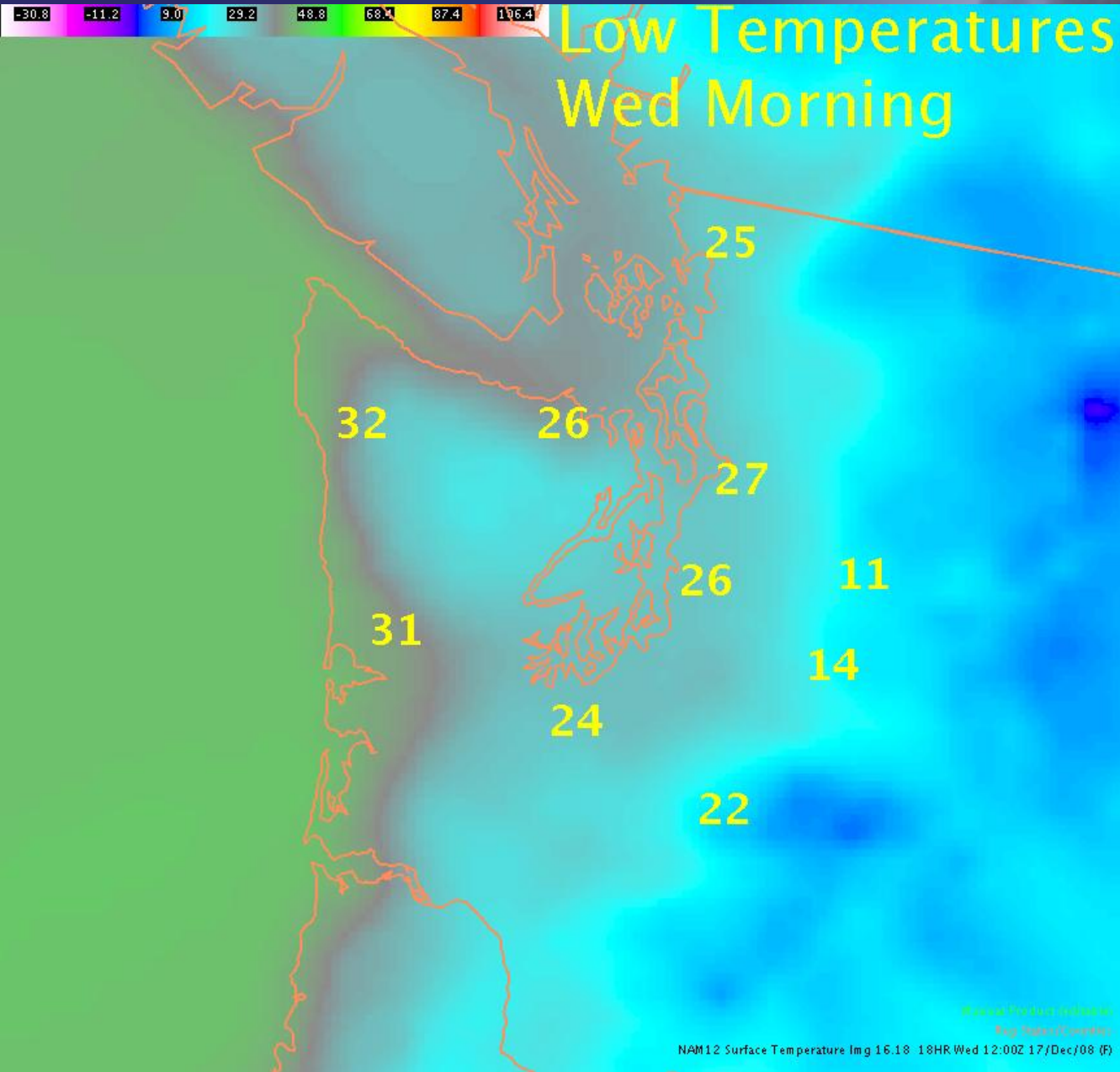
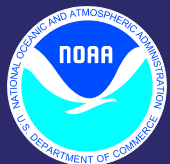




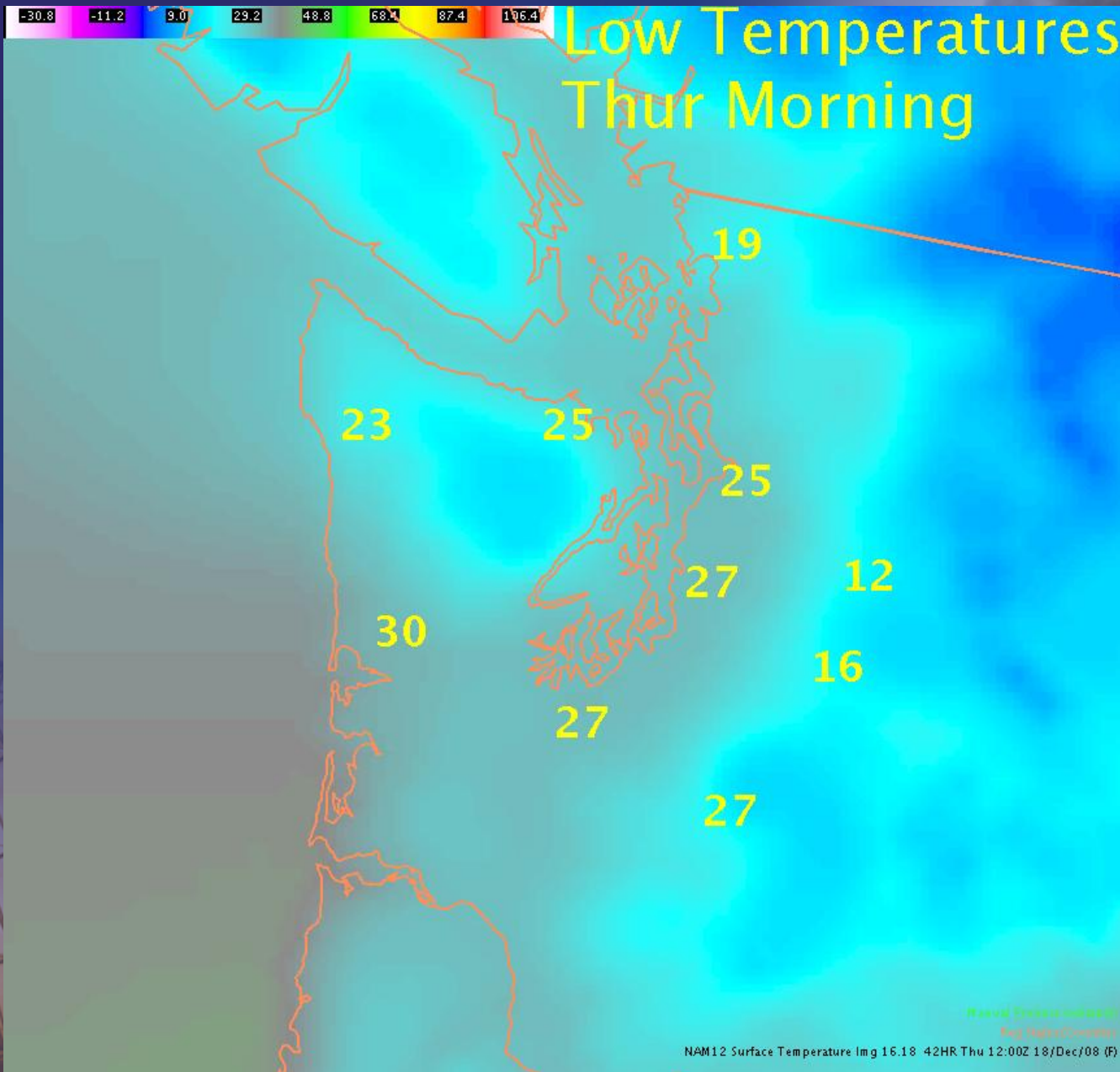
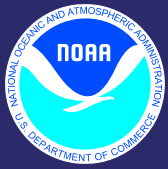
Snow



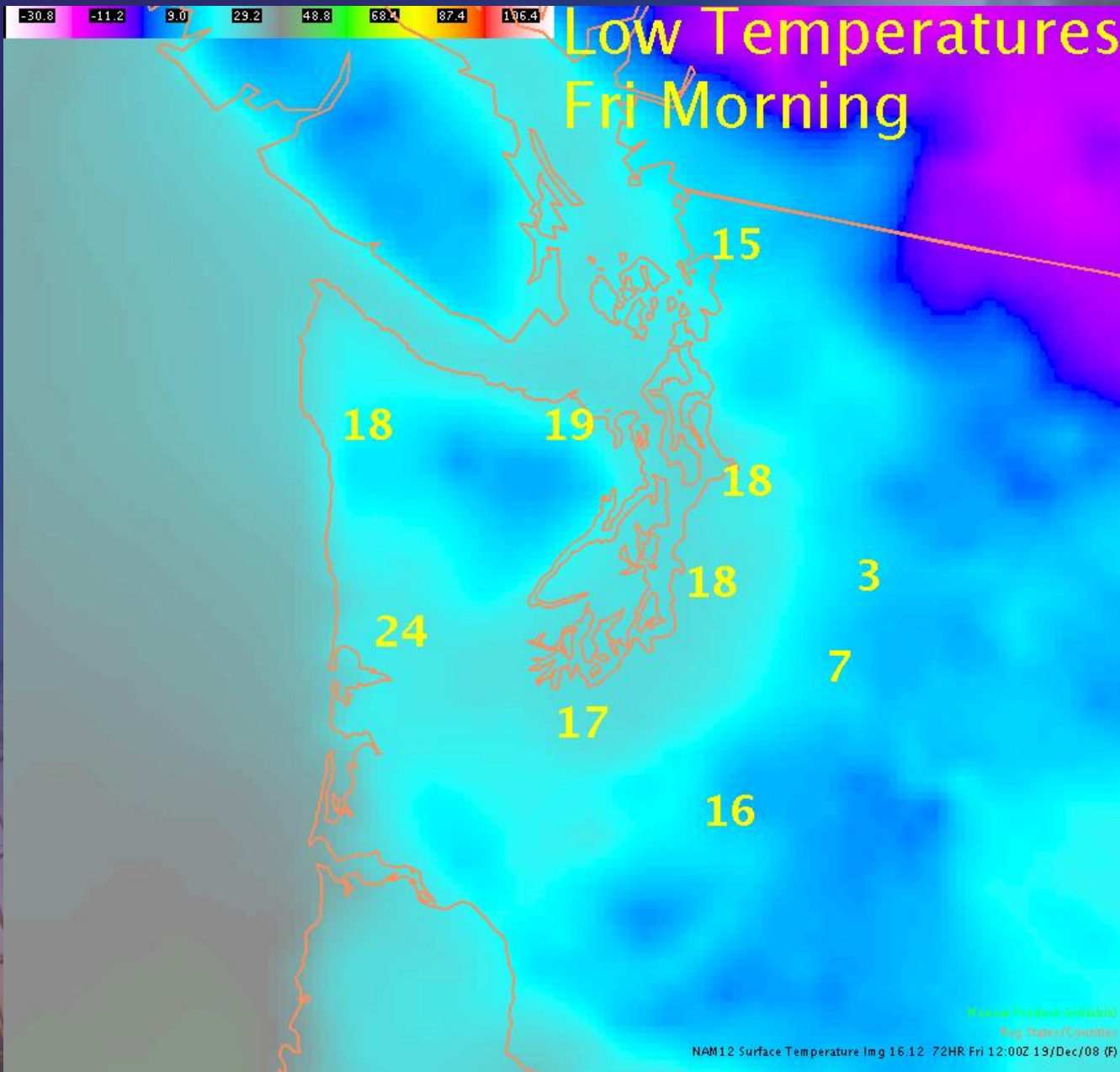
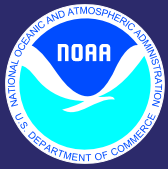
Temperatures

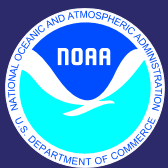


Temperatures

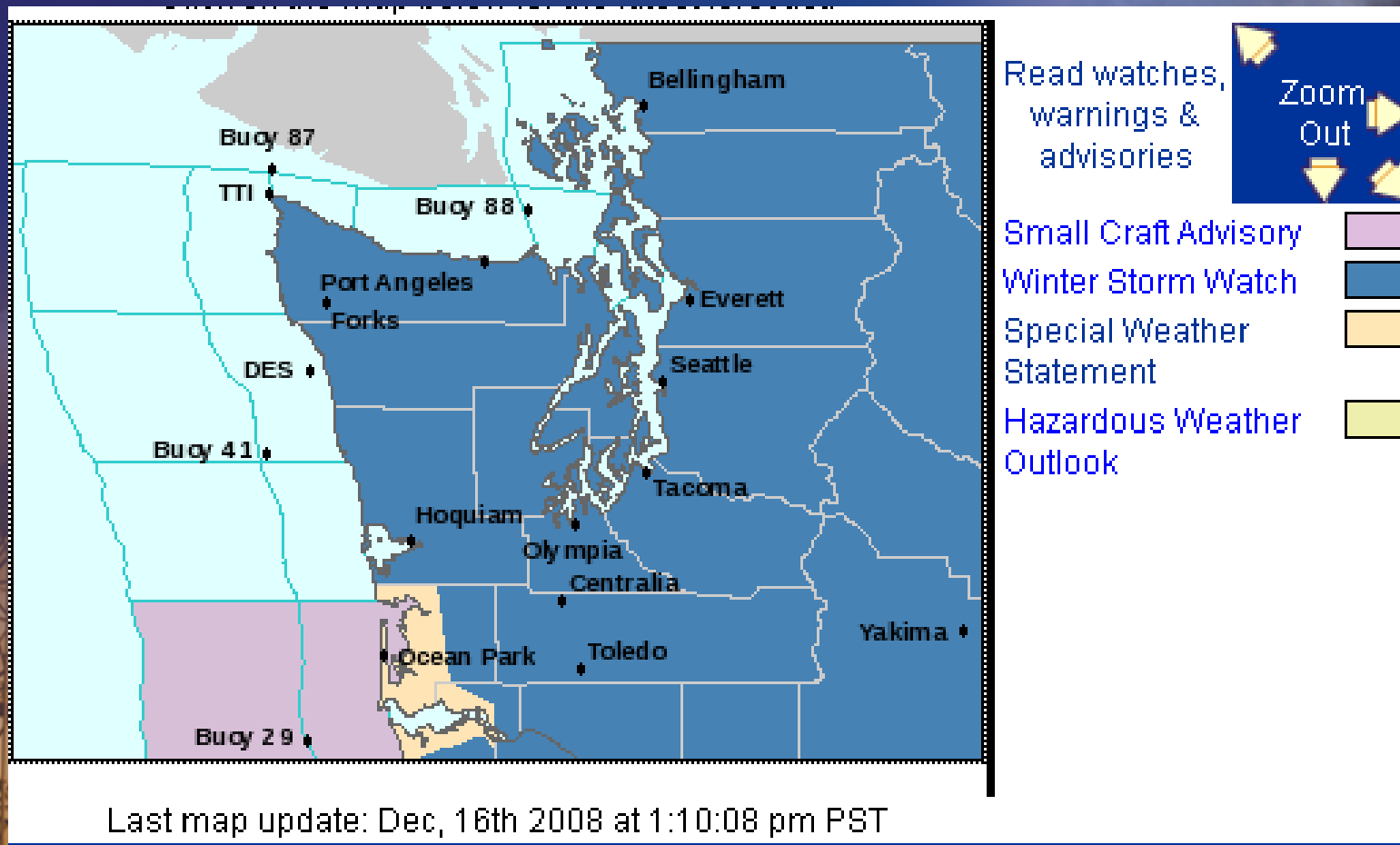


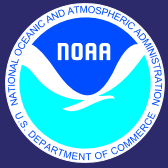
Temperatures



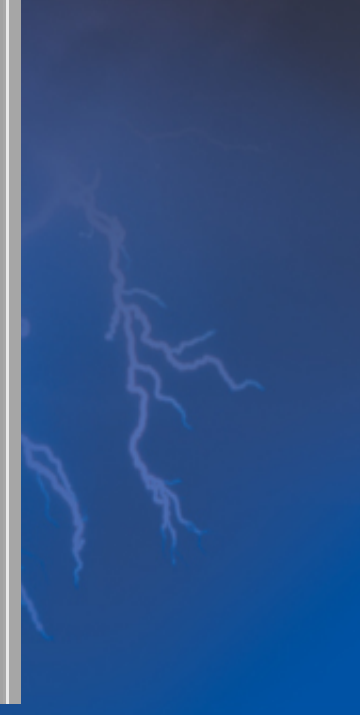
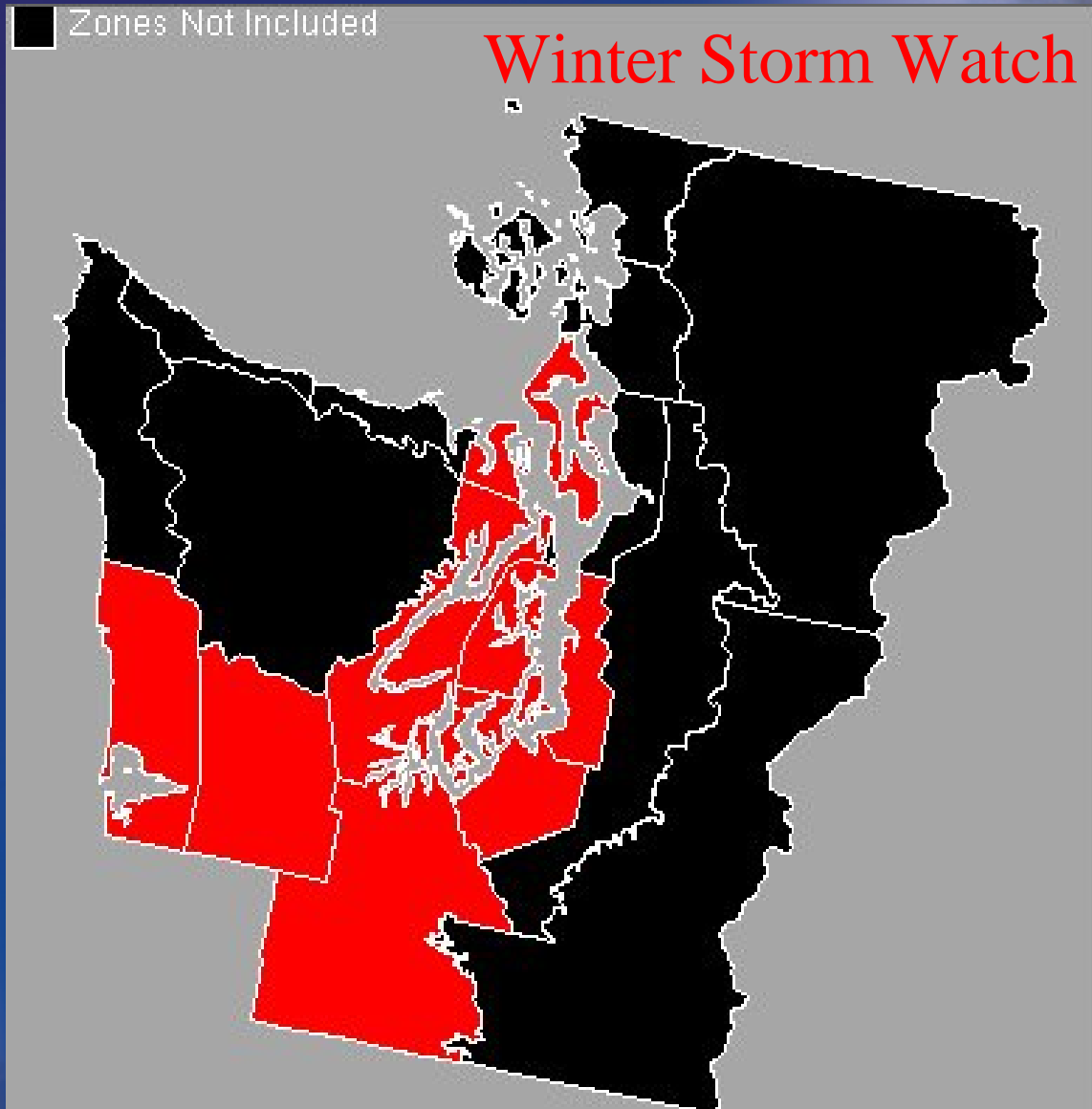


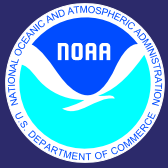
Current Watch/Afternoon Update



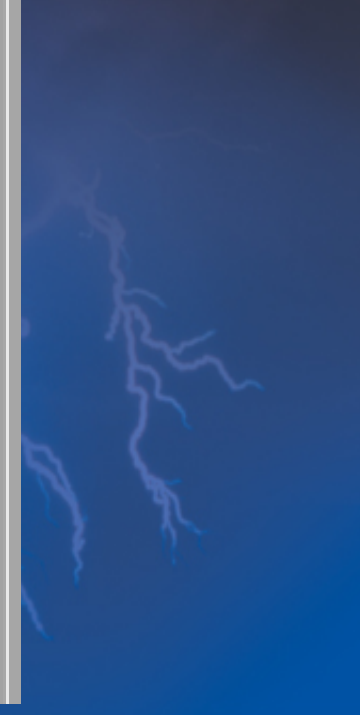


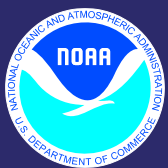
Afternoon Update to Watch





Afternoon Update to Warning



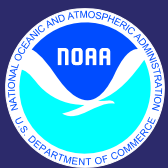


Impacts Summary



- **Tonight**
 - *Increasing clouds*
 - *Threat of snow late Olympic Peninsula*
 - *Not quite as cold – 20s*

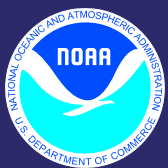




Impacts Summary

- **Wednesday**
 - *Snow spreads southeast through western Wa*
 - *Amounts to vary widely*
 - *Mountains – 1 to 2 feet*
 - *Lowlands*
 - **Greatest amounts north and south of central Puget Sound**
 - 3-8 inches
 - **Central Puget Sound – Trace to 5 inches**
 - **Coast – 1-4 inches**
 - **Strait – 2-4 inches**
 - *Temperatures – Low to mid 30s*



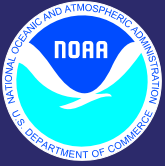


Impacts Summary



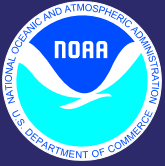
- **Wednesday night**
 - *Snow to taper off from north to south*
 - *Amounts again to vary*
 - *Wind to pick up again out of the Fraser*
 - *Lows – upper teens and 20s*





Impacts Summary

- **Thursday and Friday**
 - *Lingering snow showers ending Thursday*
 - *Clearing trend*
 - *Lows – generally in the teens*
 - *Highs – generally in the twenties*
 - *Fraser winds to ease by Friday*



Impacts Summary

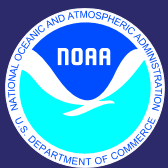


- **The Weekend**

- *Sat looks continued cold and dry*
- *Next weather system to arrive Sunday*
- *Has potential to produce more snow than the Wed/Wed night system*
- *Some moderation in temps Sun*

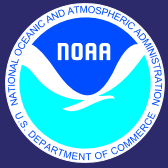
- **The Week Ahead**

- *Looks to be continued unseasonably cold*
- *Stay Tuned !!*



Resources

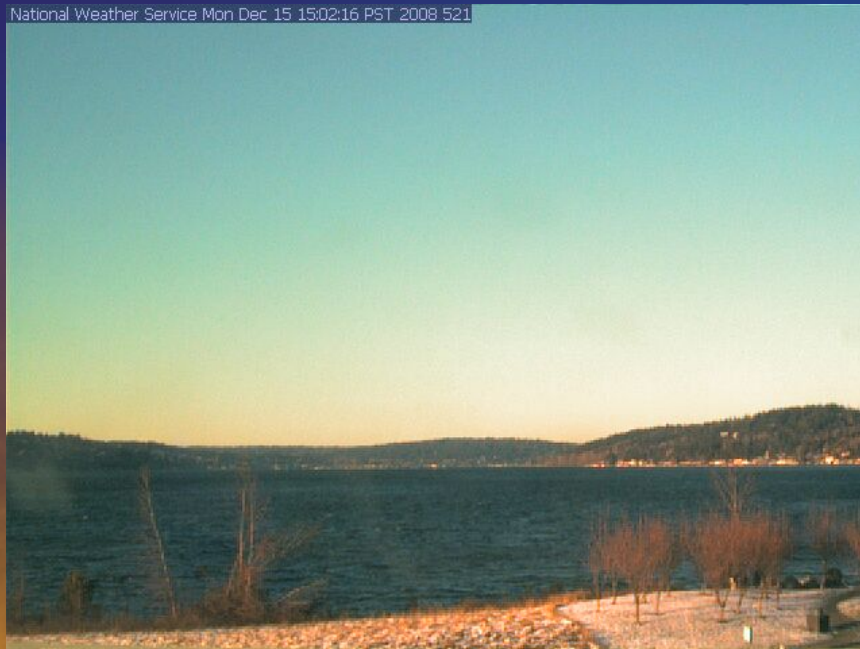
- weather.gov/seattle/ – NWS Seattle web site
 - Area Forecast Discussions (Text and new Graphical)
 - Doppler weather radar and satellite imagery loops
 - Latest forecasts and warning statements
- nwac.us – Northwest Weather and Avalanche Center
- wsdot.wa.gov – Washington State Dept. of Transportation



Questions?



National Weather Service Mon Dec 15 15:02:16 PST 2008 521



View out NWS Seattle windows facing north from webcam on web page

- **Thank you for attending**
- **Next Webinar?**