2 PVU contour at 330 K

0°C 850-hPa isotherm

20 and 30 mm PW contours

40kt 850-hPa flow

QG Ascent (Differential Cyclonic Vorticity Advection)

WAA
0.25” (light green)
0.50” (green)
1.00” (yellow)
2.00” (red)

0000 UTC 23 Nov 2016 – 1200 UTC 23 Nov 2016
Factors that went into This Forecast
Differential Cyclonic Vorticity Advection
Strong WAA
Advection of moisture by low-level flow
Large Temp Uncertainty!
To Warm for snow in Coastal Range of WA/OR

NCAR Ensemble Forecasts
Initialized: 00 UTC Tue 22 Nov 2016
Station: 47.49, -123.90
Init: 00 UTC Tue 22 Nov 2016
Valid: 06 UTC Wed 23 Nov 2016

Soundings available every 30 grid points (90 km)

Overlay Observed Soundings (0 available)
Sufficiently cold in inland mountain ranges