

## Pacific Northwest Region Water Supply Update December 10, 2008

Winter is off to a very late and foreboding start for the Pacific Northwest, with very little snow in the mountains as we head into mid-December. Typically, about 15% to 20% of the April 1 snowpack is on the ground by December 1, with an additional 20-25% added in December, so the lack of snow thus far is definitely reason to worry. Ski resorts are nowhere close to opening. The deficits can be made up, but will require above average precipitation as we move forward. A major arctic blast is forecast to hit the entire region beginning this weekend and lasting all next week. Snow will accompany the storm, but amounts may be limited due to the northern origin of the stormtrack, which tends to be drier. The federal power system will be heavily relied upon to meet electrical demands next week, but is well positioned to do so with no power emergencies anticipated. The first runoff forecasts for 2009 will be available after January 1.

	<b>Snowpack % of avg</b>	<b>Water Year Precipitation % of avg</b>	<b>Forecasted Spring Runoff % of avg</b>	<b>Reservoir Storage % full</b>	<b>Allocations</b>
Yakima (WA)	15	78	Below avg	57	n/a
Flathead/Hungry Horse (MT)	47	72	Below avg	80	n/a
Crooked (OR)	0	55	Below avg	56	n/a
Boise (ID)	32	65	Below avg	48	n/a
Payette (ID)	34	61	Below avg	60	n/a
Upper Snake (ID)	60	81	Below avg	54	n/a
Columbia Basin (Columbia R at the Dalles)	n/a	77	Below avg	n/a	n/a

## Pacific Northwest Region Water Supply Update November 6, 2008

The Pacific Northwest finally appears to be entering winter. After a pleasant second half of October, November has ushered in a cooler and wetter pattern with moderate precipitation in western Washington and Oregon, and snow beginning to fall in the higher terrain. This trend is forecast to continue over the next 10 days. Reservoir carryover storage is generally good in most basins. The exceptions are reservoirs in the Malheur and Owyhee basins of eastern Oregon, which did not refill completely in 2008 and used most of their storage.

	<b>WY 2009 Precipitation % of avg</b>	<b>WY 2009 Runoff % of avg</b>	<b>Reservoir Storage % full</b>	<b>Allocations</b>
Yakima (WA)	86	75	40	full
Flathead/Hungry Horse (MT)	64	77	80	n/a
Crooked (OR)	109	50	57	n/a
Boise (ID)	125	86	43	n/a
Payette (ID)	91	86	58	n/a
Upper Snake (ID)	116	106	44	n/a
Columbia Basin (Columbia R at the Dalles)	94	91	n/a	n/a

Note: Water year precipitation and runoff refer to water year 2009, and is too early in the season to establish meaningful trends. Runoff percentages reflect observed runoff since October 2008, rather than forecasted runoff.