



United States
Department of
Agriculture



Natural Resources
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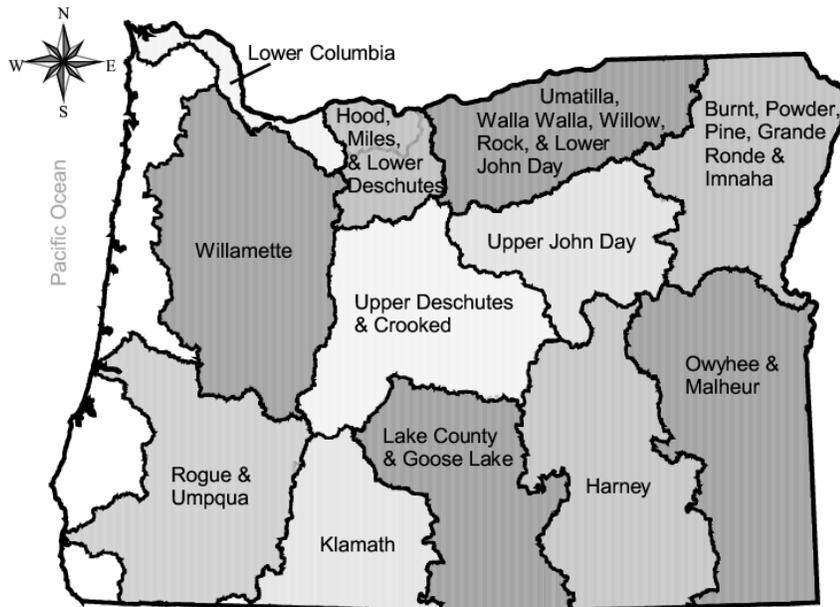
Oregon Basin Outlook Report

January 1, 2008



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General Outlook

January 1, 2008

SUMMARY

Welcome to the 2008 Oregon Water Supply Outlook report. As of January 1, the snow pack was above average for the majority of the state. In South Eastern Oregon, from the Klamath east to the basins of Lake County, Goose Lake, Harney and Owyhee the snowpack was below normal on January 1. Statewide, total precipitation since the water year began on October 1 has been close to average.

Readers will notice more changes in the Oregon Water Supply Outlook report this year. As part of our on-going efforts to provide reliable and meaningful data summaries, we have updated our streamflow forecasting procedures for the 2008 water year. Over the years, a number of stream gages associated with our forecast points have been discontinued. As a result of this data loss, the streamflow at these points can no longer be modeled within an acceptable level of certainty. To ensure that we are publishing high quality products, we will no longer issue forecasts for sites lacking dependable streamflow data. For this year only, we will provide a list of those sites that will be discontinued in each basin. The list will include a generalized forecast for 2008 flows. Please let us know if there is a discontinued site that you have been relying on to make water management decisions. We will make an effort to provide all available data to enable water users to make informed decisions about future water supplies in their area of interest.

SNOWPACK

The mountains of Oregon have had a snowy New Year. Most of the state had average snow packs on January 1. The southern portion of the state, from the Klamath basin east to the Owyhee remains the exception with below average January 1 snow packs. Since the first, snow has continued to fall throughout the state, improving water supply conditions somewhat, even in the Harney and Owyhee.

PRECIPITATION

October 2007 precipitation was well above average throughout the state, followed by a drier than normal November. December precipitation was average or above throughout Oregon with the exception of Lake County and the Harney basin. Westside basins experienced severe flooding and wind damage as a result of a wet and windy storm that hit early in the month of December. Transmissions and solar power systems were damaged at several SNOTEL sites by the December wind storm and crews are still working to repair and restore these remote sites.

RESERVOIRS

The dry winter of 2007 and the subsequent low streamflows left reservoirs in Eastern Oregon particularly low, which is where they remain as of January 1. Reservoirs in Western Oregon and the Deschutes were reporting close to normal conditions on January 1.

The January 1 storage at 27 major Oregon reservoirs analyzed in this publication was 65 percent of normal. A total of 1,095,300 acre feet of water were stored on January 1, representing 34 percent of useable capacity. Last year at this time these same reservoirs stored 1,817,000 acre feet of water or 56 percent of capacity.

STREAMFLOW

Streamflow forecasts issued in this bulletin reflect conditions as of January 1. At this time, the majority of the state is looking forward to average water supplies in the summer of 2008. Exceptions are the basins in the southeastern corner of the state and the Crooked river in Central Oregon. In the Owyhee, Lake County, Goose Lake and Harney basins, summer streamflows are currently forecast to be significantly below normal. Future updates of this publication will contain additional information about summer streamflows.

The following table summarizes the water supply forecasts at selected stations:

STREAM	PERIOD	PERCENT OF AVERAGE
Owyhee Net Inflow	April - September	61
Grande Ronde at La Grande	April - September	96
Umatilla at Pendleton	April - September	110
Deschutes at Benham Falls	April - September	90
Willamette MF below NF	April - September	94
Rogue at Raygold	April - September	96
Upper Klamath L. Net Inflow	April - September	76
Silvies near Burns	April - September	60

Some of these forecasts assume that normal weather conditions will occur from now to the end of the forecast period.

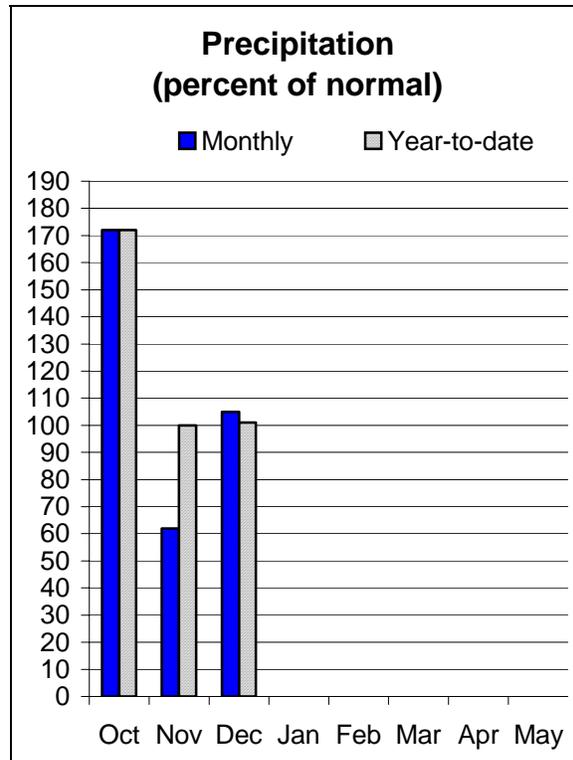
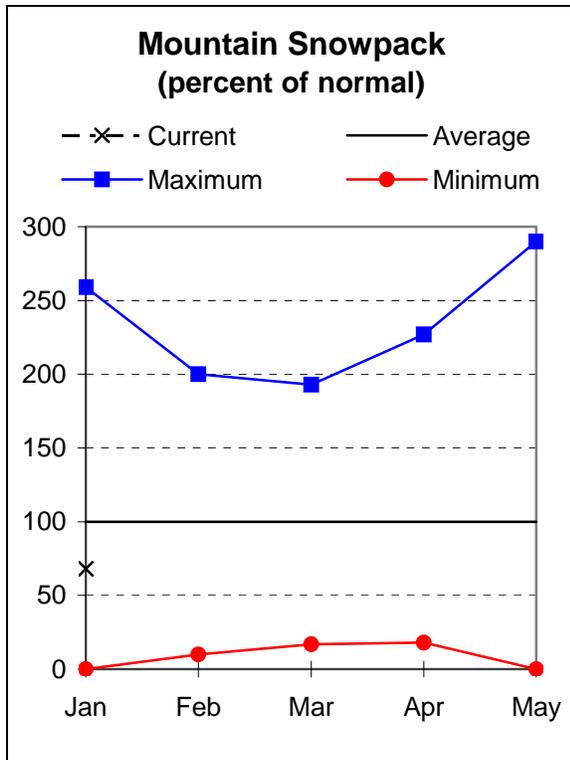
The forecasts in this bulletin are a result of coordinated activity between the Natural Resources Conservation Service and the National Weather Service as an effort to provide the best possible service to water users.

This report also contains data furnished by the Oregon Department of Water Resources, U.S. Geological Survey, NOAA National Weather Service and other cooperators.



Owyhee and Malheur Basins

January 1, 2008



Water Supply Outlook

The beginning of water year 2008 brought welcome rain to the Owyhee. October 2007 precipitation was well above normal at 172 percent of average. November was considerably drier than normal with precipitation over the basin a mere 62 percent of average. Precipitation totals for the month of December were back to normal. Since the beginning of the water year, precipitation in the Owyhee and Malheur basin has been 101 percent of average. Total snowpack for the area on January 1 was only 68 percent of average however, with less snow in the Owyhee than the Malheur area.

Water year 2007 was drier than normal in the Owyhee and Malheur and reservoirs did not fill completely. As a result, reservoirs in the area continue to be lower than normal. At the end of December, four reservoirs in the Owyhee and Malheur held only 39 percent of their average end of month storage for December, or 20 percent of their capacity.

Summer 2008 streamflow forecasts range from a low of 61 percent of average for Owyhee River below Owyhee Dam to 83 percent of average for the Malheur near Drewsey. Throughout the basin, spring and summer streamflows are currently forecast to be well below average.

For more information contact your local Natural Resources Conservation Service Office:
Ontario - (541) 889-7637

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

OWYHEE AND MALHEUR BASINS
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)		(1000AF)
Malheur R nr Drewsey	FEB-JUL	45	80	110	87	144	205	127
	APR-SEP	21	43	63	83	86	127	76
NF Malheur R at Beulah	FEB-JUL	37	63	85	94	110	152	90
Owyhee Reservoir Inflow (2)	FEB-JUL	175	310	510	73	785	1190	700
	FEB-SEP	60	240	525	72	810	1240	730
	APR-SEP	4.0	103	262	61	421	655	430
Owyhee R nr Rome	FEB-JUL	183	338	470	72	624	889	655
	FEB-SEP	202	364	500	74	658	930	675
	APR-SEP	92	182	260	65	352	514	400

OWYHEE AND MALHEUR BASINS
Reservoir Storage (1000 AF) - End of December

OWYHEE AND MALHEUR BASINS
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEULAH RES	60.0	9.4	28.9	22.8	Owyhee River	8	93	66
BULLY CREEK	30.0	3.9	17.9	11.1	Malheur	4	111	93
OWYHEE	715.0	173.9	448.1	398.1	Jordan Creek	2	82	76
WARMSPRINGS	191.0	11.9	96.1	78.5	Bully Creek	0	0	0

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

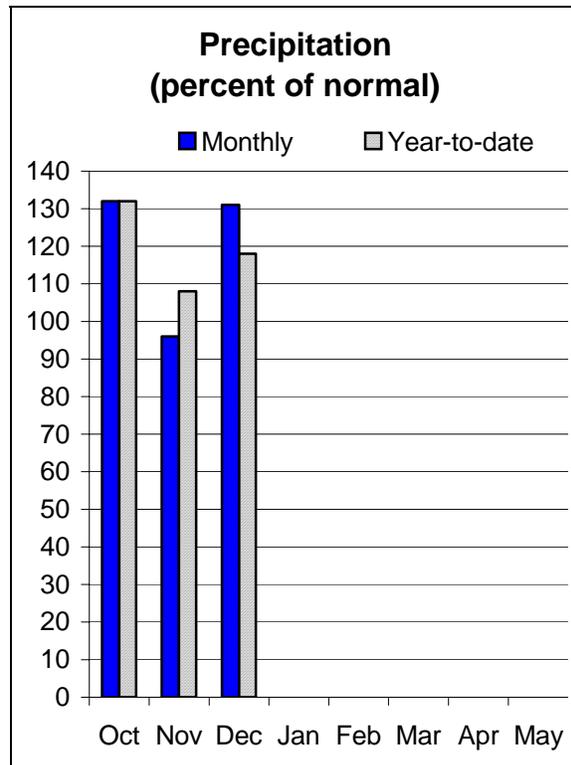
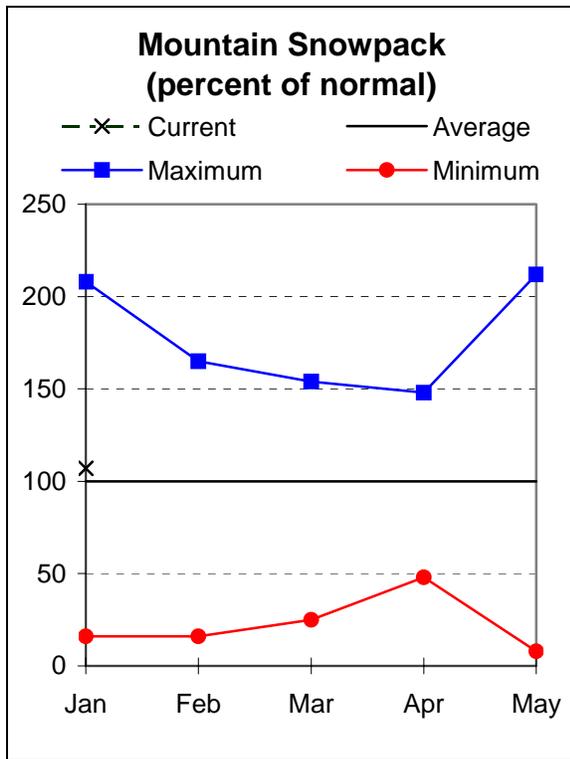
FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
SUCCOR CK nr Jordan Valley	BELOW AVERAGE

For more information contact your local Natural Resources Conservation Service Office:
Ontario - (541) 889-7637
Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Burnt, Powder, Grand Ronde, and Imnaha Basins

January 1, 2008



Water Supply Outlook

Water year 2008 is off to a good start in the Burnt, Powder, Pine, Grande Ronde and Imnaha basins. The months of October and December were wetter than normal. November precipitation was near normal. Since the beginning of the water year, precipitation in the basin has been 118 percent of average. The January 1 snowpack was 107 percent of average in the Burnt, Powder, Pine, Grande Ronde and Imnaha basins. There was over 6 feet of snow on the ground at Schneider Meadows SNOTEL on January 1.

Water year 2007 was drier than normal in the basin and reservoirs did not fill completely. As a result, reservoirs in the area continue to be lower than normal. At the end of December, 3 of the irrigation reservoirs in the basin held only 30 percent of their average end of month storage for December, or 17 percent of their capacity. Throughout the Burnt, Powder, Pine, Grande Ronde and Imnaha basins, spring and summer streamflows are currently forecast to be close to average.

For more information contact your local Natural Resources Conservation Service Office:
 Enterprise- (541) 426-4588; Baker City - (541) 523-7121; LaGrande - (541) 963-4178
 Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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BURNT, POWDER, PINE, GRANDE RONDE AND IMNAHA BASINS
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (1000AF) (% AVG.)			30% (1000AF)	10% (1000AF)
Bear Ck nr Wallowa	APR-SEP	44	56	64	99	72	84	65
Burnt R nr Hereford	FEB-JUL	34	48	60	105	73	94	57
	APR-SEP	20	31	39	100	48	64	39
Catherine Ck nr Union	APR-JUL	40	50	57	92	65	78	62
	APR-SEP	43	53	61	92	69	83	66
Deer Ck nr Sumpster	FEB-JUL	13.3	18.2	22	113	26	33	19.4
Eagle Creek ab Skull Ck nr New Bridg	APR-JUL	112	140	158	98	176	205	161
	APR-SEP	122	151	171	97	191	220	176
Grande Ronde R at La Grande	MAR-JUL	176	221	255	103	291	348	247
	APR-SEP	118	154	181	96	210	260	188
Grande Ronde R at Troy	MAR-JUL	857	1368	1600	101	1832	2343	1580
	APR-SEP	655	1120	1330	97	1540	2000	1370
Imnaha R at Imnaha	APR-JUL	161	225	270	100	315	380	270
	APR-SEP	175	245	290	98	335	405	295
Lostine R nr Lostine	APR-JUL	85	99	108	96	118	133	112
	APR-SEP	87	104	117	97	130	152	121
Pine Ck nr Oxbow	FEB-JUL	123	175	210	101	245	297	208
	APR-JUL	85	122	148	100	174	211	148
	APR-SEP	89	128	154	100	180	219	154
Powder R nr Sumpster	FEB-JUL	49	68	82	111	98	124	74
	APR-JUL	33	47	58	100	70	89	58
	APR-SEP	33	47	59	100	72	93	59
Wolf Creek Reservoir Inflow (2)	MAR-JUN	12.6	15.8	18.0	111	20	23	16.2

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Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

BURNT, POWDER, PINE, GRANDE RONDE AND IMNAHA BASINS Reservoir Storage (1000 AF) - End of December					BURNT, POWDER, PINE, GRANDE RONDE AND IMNAHA BASINS Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage This Year	Last Year	*** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	% of Average
PHILLIPS LAKE	73.5	7.6	34.5	38.4	Grande Ronde ab LaGrande	6	149	118
THIEF VALLEY	17.4	6.6	9.4	15.5	Powder River	9	153	118
UNITY	25.2	5.1	10.2	10.6	Wallowa, Imnaha, Catherine	5	116	95
WALLOWA LAKE	37.5	6.2	7.6	17.4	Burnt River	5	127	117
WOLF CREEK	10.4	0.9	2.9	3.1				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

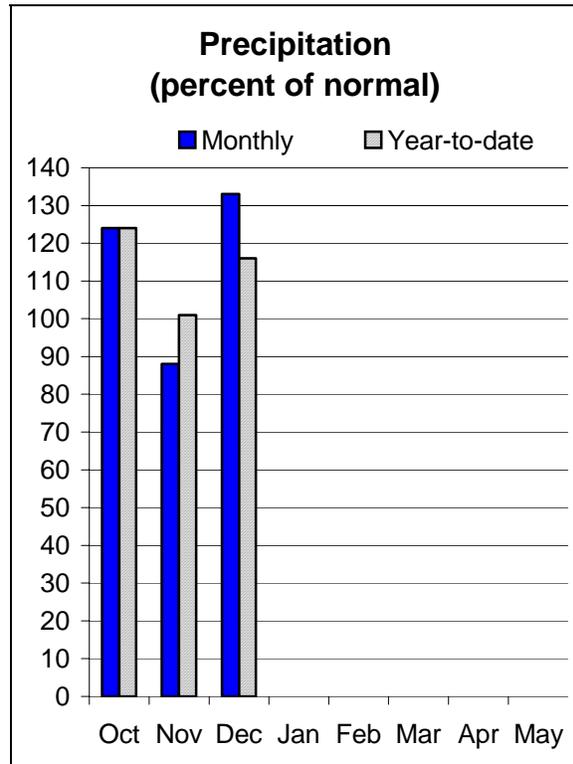
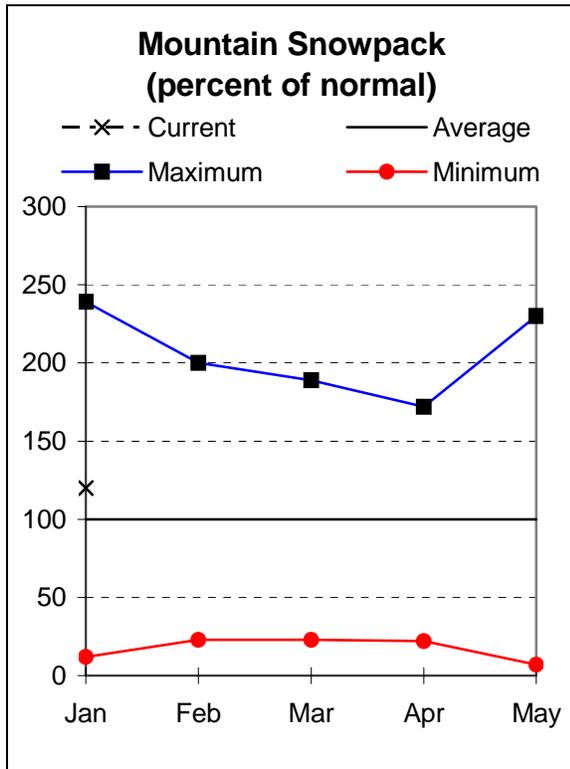
FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
ANTHONY CK bl NF nr North Powder	NEAR AVERAGE
BIG CK bl Burn Ck nr Medical Spgs	NEAR AVERAGE
HURRICANE CREEK near Joseph	NEAR AVERAGE
EF WALLOWA near Joseph	NEAR AVERAGE
WALLOWA at Joseph (2)	NEAR AVERAGE

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 Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Umatilla, Walla Walla, Willow Rock, and Lower John Day Basins

January 1, 2008



Water Supply Outlook

Water year 2008 is off to a good start in the Umatilla, Walla Walla, Willow, Rock and Lower John Day basins. The months of October and December were wetter than normal. November precipitation was below normal. Since the beginning of the water year, precipitation in the basin has been 116 percent of average. The January 1 snowpack was 120 percent of average in the basin.

Water year 2007 was drier than normal in the basin and reservoirs did not fill completely. As a result, reservoirs in the area continue to be lower than normal. At the end of December, 2 of the irrigation reservoirs in the basin held only 37 percent of their average end of month storage for December, or 11 percent of their capacity. April through September streamflow forecasts for the basin are expected to be near average as of January 1 data. At this point in the season, water users can expect average summer streamflow conditions throughout the basin.

For more information contact your local Natural Resources Conservation Service Office:
 Pendleton - (541) 278-8049; Heppner - (541) 676-5021; Condon - (541) 384-2671
 Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)		10% (1000AF)
Butter Ck nr Pine City	MAR-JUL	9.8	14.1	17.0	113	19.9	24	15.0
	APR-SEP	6.0	8.8	10.8	106	12.8	15.6	10.2
McKay Ck nr Pilot Rock	APR-SEP	11.2	22	29	107	36	47	27
Rhea Ck nr Heppner	FEB-JUL	8.5	12.8	15.8	117	18.8	23	13.5
	APR-JUL	57	71	80	110	89	103	73
Umatilla R ab Meacham Ck nr Gibbon	MAR-SEP	90	106	117	110	128	144	106
	APR-JUL	109	142	164	110	186	220	149
Umatilla R at Pendleton	MAR-SEP	186	225	255	111	285	325	230
	MAR-SEP	72	80	86	106	92	100	81
SF Walla Walla R nr Milton-Freewater	APR-SEP	58	66	71	106	76	84	67
	FEB-JUL	6.6	10.6	13.3	100	16.0	20	13.3
Willow Ck ab Willow Ck Lake nr Heppn	APR-JUL	2.8	5.5	7.4	100	9.3	12.0	7.4

UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS					UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS			
Reservoir Storage (1000 AF) - End of December					Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
COLD SPRINGS	50.0	3.2	12.4	14.3	Walla Walla River	3	120	134
MCKAY	73.8	10.7	22.4	23.6	Umatilla River	7	136	124
WILLOW CREEK	1.8	0.0	0.2	---	McKay Creek	4	170	101

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

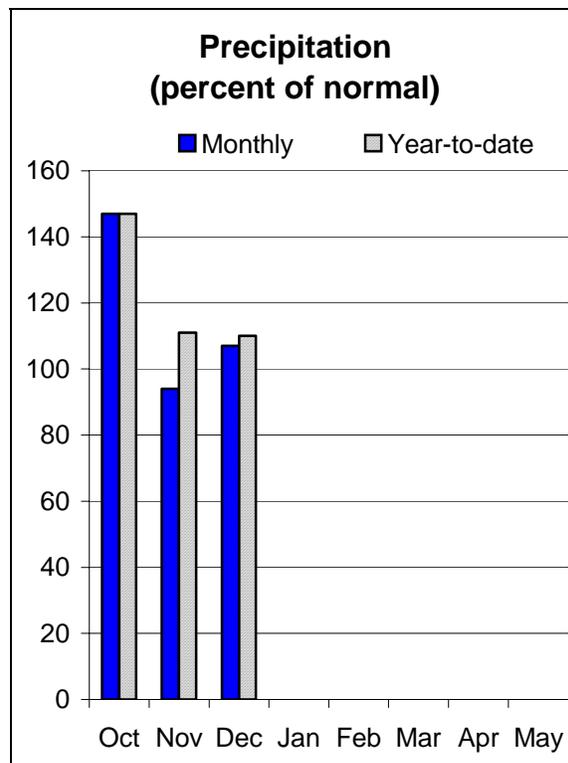
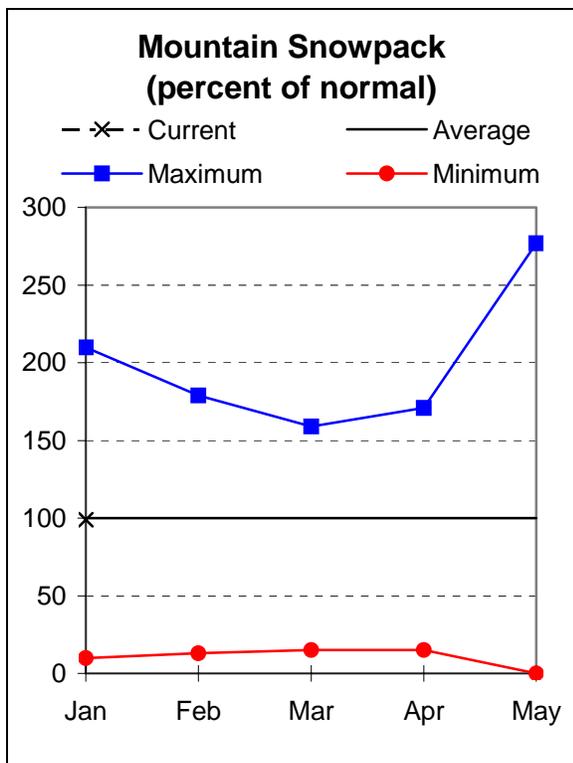
(2) - The value is natural volume - actual volume may be affected by upstream water management.

FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
COUSE CREEK near Milton-Freewater	NEAR AVERAGE
ROCK CREEK above Whyte	NEAR AVERAGE



Upper John Day Basin

January 1, 2008



Water Supply Outlook

Water year 2008 is off to a good start in the Upper John Day basins. The months of October and December were wetter than normal. November precipitation was near normal. Since the beginning of the water year, precipitation in the Upper John Day has been 110 percent of average. The January 1 snowpack was a noteworthy 99 percent of average.

Streamflow forecasts range from a low of 73 percent of average for Mountain Creek near Mitchell to 112 percent of average for Strawberry Creek near Prairie City. Elsewhere in the basin, April through September streamflows are forecast to be near average. At this point in the season, water users can expect average summer streamflow conditions throughout the basin.

For more information contact your local Natural Resources Conservation Service Office:
John Day - (541) 575-0135

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

UPPER JOHN DAY BASIN
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)			30% (1000AF)
Camas Ck nr Ukiah	MAR-JUL	33	43	50	96	57	67	52
	APR-SEP	19.3	29	35	92	41	51	38
MF John Day R at Ritter	MAR-JUL	104	141	167	105	193	230	159
	APR-SEP	81	113	135	106	157	189	128
NF John Day R at Monument	MAR-JUL	525	700	820	104	940	1110	790
	APR-SEP	400	545	640	104	735	880	615
Mountain Ck nr Mitchell	FEB-JUL	1.2	3.8	5.6	80	7.4	10.0	7.0
	APR-SEP	0.4	2.2	3.4	73	4.6	6.4	4.6
Strawberry Ck nr Prairie City	MAR-JUL	5.2	7.1	8.4	114	9.7	11.6	7.4
	APR-SEP	5.5	7.4	8.7	112	10.0	11.9	7.8

UPPER JOHN DAY BASIN
Reservoir Storage (1000 AF) - End of December

UPPER JOHN DAY BASIN
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
					John Day, North Fork	8	134	105
					John Day above Dayville	4	108	89

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

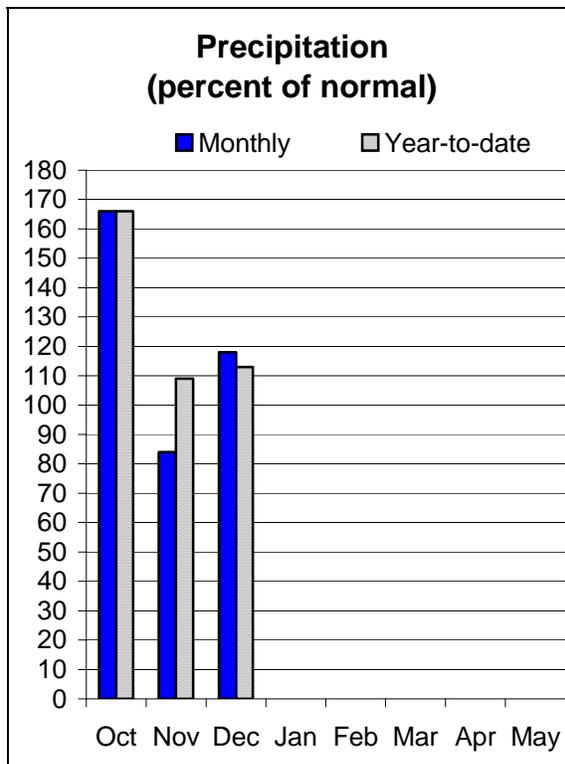
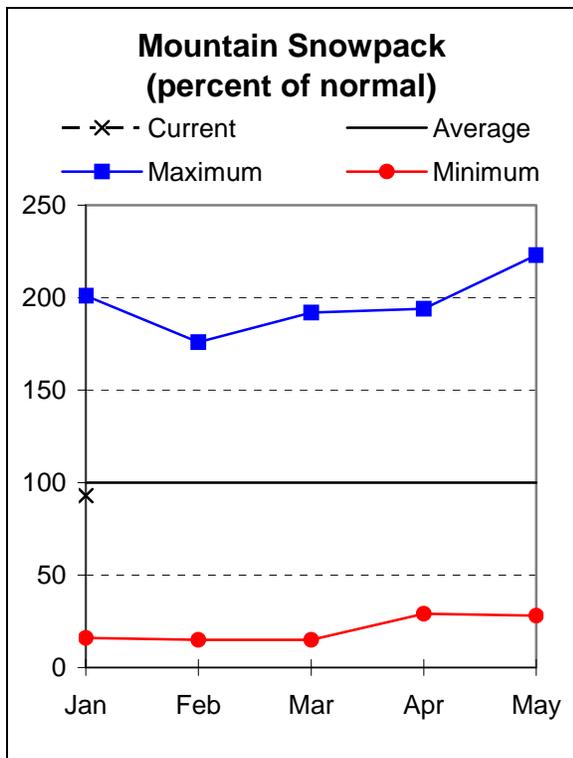
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- (2) - The value is natural volume - actual volume may be affected by upstream water management.

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Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Upper Deschutes and Crooked Basins

January 1, 2008



Water Supply Outlook

Water year 2008 is off to a good start in the Upper Deschutes and Crooked River basins. October was much wetter than normal followed by a slightly below normal November. December precipitation was near normal. Since the beginning of the water year, precipitation in the Upper Deschutes and Crooked has been 113 percent of average. The January 1 snowpack was 93 percent of average for the Upper Deschutes and Crooked river basin.

The 5 irrigation reservoirs in the basin were storing 3,237 acre feet of water, equal to 98 percent of average as of January 1. This equates to 60 percent of capacity. Streamflow forecasts range from a low of 65 percent of average for Prineville Reservoir inflow to 95 percent of average for Crane Prairie Reservoir inflows. Elsewhere in the basin, April through September streamflows for the Deschutes at Benham Falls is forecast to be 90 percent of average. At this point in the season, water users can expect average summer streamflow conditions in the Deschutes and below average conditions in the Crooked River basin.

For more information contact your local Natural Resources Conservation Service Office:
Redmond (541) 923-4358

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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UPPER DESCHUTES AND CROOKED BASINS
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (1000AF) (% AVG.)			30% (1000AF)	10% (1000AF)
Crane Prairie Reservoir Inflow (2)	FEB-JUL	52	66	76	97	86	100	78
	APR-JUL	38	49	57	97	65	76	59
	FEB-SEP	76	94	106	95	118	136	112
	APR-SEP	61	77	88	95	99	115	93
Crescent Ck nr Crescent (2)	FEB-JUL	9.7	15.6	19.6	85	24	30	23
	APR-JUL	6.8	11.5	14.6	85	17.7	22	17.2
	FEB-SEP	12.0	18.6	23	85	27	34	27
	APR-SEP	9.2	14.3	17.8	85	21	26	21
Deschutes R at Benham Falls nr Bend	FEB-JUL	380	420	450	90	480	520	500
	APR-JUL	265	295	315	90	335	365	350
	FEB-SEP	525	575	610	90	645	695	680
	APR-SEP	410	450	475	91	500	540	525
Deschutes R bl Snow Ck nr La Pine	FEB-JUL	23	32	38	84	44	53	45
	APR-JUL	16.8	23	28	85	33	39	33
	FEB-SEP	40	51	59	83	67	78	71
	APR-SEP	34	44	50	85	56	66	59
Little Deschutes R nr La Pine (2)	FEB-JUL	52	75	91	90	107	130	101
	APR-JUL	38	54	64	90	74	90	71
	FEB-SEP	57	82	99	90	116	141	110
	APR-SEP	43	60	72	90	84	101	80
Ochoco Reservoir Inflow (2)	FEB-JUL	10.5	23	32	74	41	53	43
	APR-JUL	4.7	11.0	15.4	70	19.8	26	22
	FEB-SEP	9.7	23	32	74	41	54	43
	APR-SEP	4.1	10.8	15.4	70	20	27	22
Prineville Reservoir Inflow (2)	FEB-JUL	40	109	155	70	200	270	221
	APR-JUL	14.0	47	70	65	93	126	108
	FEB-SEP	39	108	155	70	200	270	222
	APR-SEP	14.0	48	71	65	94	128	109
Whychus Ck nr Sisters	FEB-JUL	32	39	43	101	47	54	43
	APR-JUL	27	31	34	94	37	41	36
	APR-SEP	36	42	46	94	50	56	49

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For more information contact your local Natural Resources Conservation Service Office:
Redmond (541) 923-4358
Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

UPPER DESCHUTES AND CROOKED BASINS Reservoir Storage (1000 AF) - End of December					UPPER DESCHUTES AND CROOKED BASINS Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage This Year	Last Year	*** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	% of Average
CRANE PRAIRIE	55.3	39.8	44.0	36.7	Crooked, Ochoco	4	101	95
CRESCENT LAKE	86.9	43.6	39.1	47.5	Deschutes above Wickiup	3	96	107
OCHOCO	47.5	18.6	26.7	18.1	Little Deschutes	4	95	104
PRINEVILLE	153.0	79.7	95.0	85.3	Tumalo and Squaw Creeks	4	78	87
WICKIUP	200.0	142.0	173.1	142.2				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

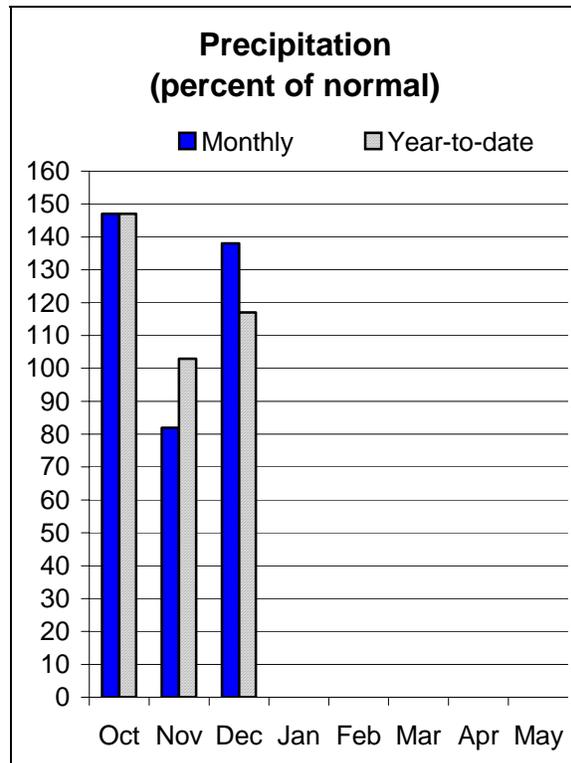
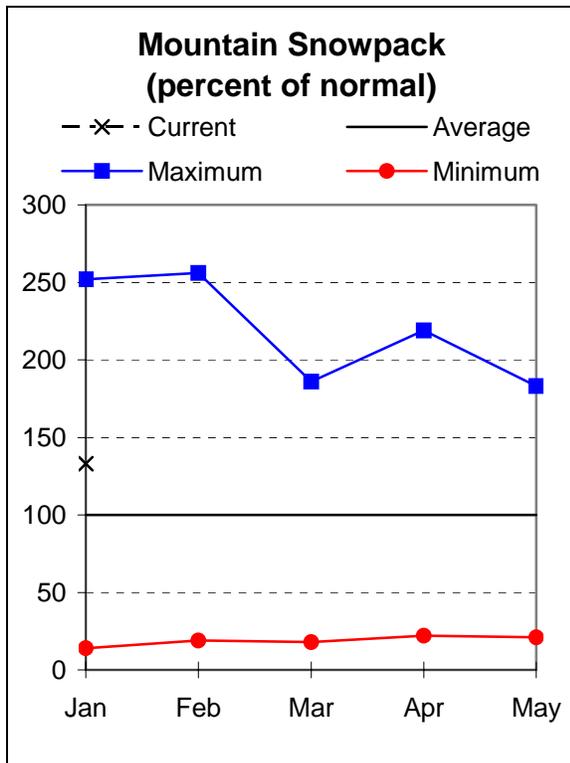
FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
NF CROOKED blw Lookout Ck	BELOW AVERAGE
WHYCHUS CREEK near Sisters	NEAR AVERAGE
TUMALO CREEK near Bend	NEAR AVERAGE

For more information contact your local Natural Resources Conservation Service Office:
 Redmond (541) 923-4358
 Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Hood, Mile Creeks, and Lower Deschutes Basins

January 1, 2008



Water Supply Outlook

Water year 2008 is off to a good start in the Hood River, Mile Creeks and Lower Deschutes. October was much wetter than normal followed by a slightly below normal November. December precipitation was above normal. Since the beginning of the water year, precipitation in the basin has been 117 percent of average. The January 1 snowpack was 133 percent of average in the Hood River, Mile Creeks and Lower Deschutes basin, the highest snowpack percentage in the state.

April through September streamflow forecasts for the basin are expected to be near average as of January 1 data. At this point in the season, water users can expect near normal summer streamflow conditions throughout the basin.

For more information contact your local Natural Resources Conservation Service Office:
The Dalles (541) 296-6178

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

HOOD, MILE CREEKS AND LOWER DESCHUTES BASINS
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)				
		90%		70%		50%			30%		10%	
		(1000AF)	(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)		(1000AF)	(1000AF)	(1000AF)	(1000AF)
Hood R at Tucker Bridge	APR-JUL	180	213	235	103	257	290	228				
	APR-SEP	214	251	276	102	301	338	271				

HOOD, MILE CREEKS AND LOWER DESCHUTES BASINS
Reservoir Storage (1000 AF) - End of December

HOOD, MILE CREEKS AND LOWER DESCHUTES BASINS
Watershed Snowpack Analysis - January 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CLEAR LAKE (WASCO)	11.9	0.7	1.6	---	Hood River	7	106	117
					Mile Creeks	1	109	145
					White River	3	111	107

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

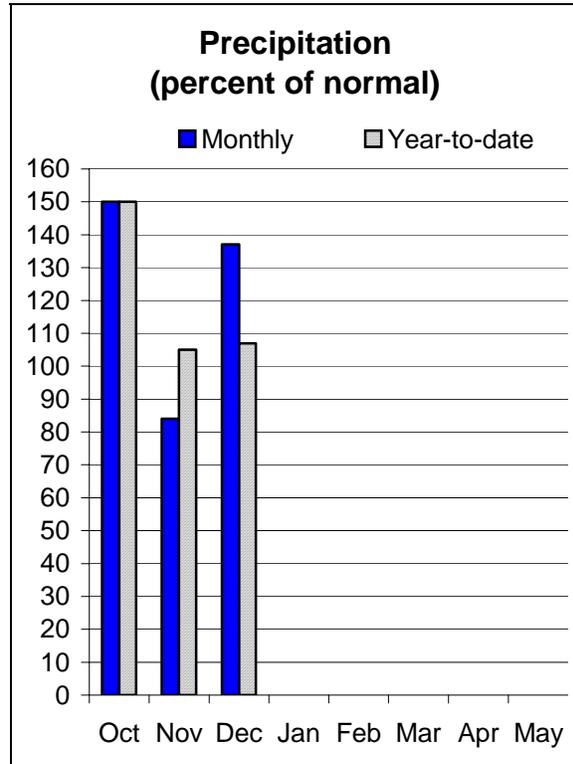
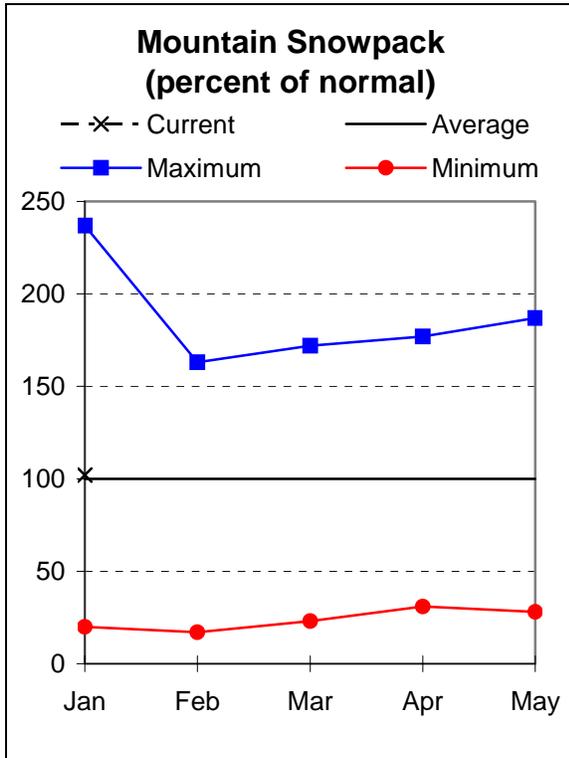
FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
WF HOOD near Dee	NEAR AVERAGE
WHITE below Tygh Valley	NEAR AVERAGE

For more information contact your local Natural Resources Conservation Service Office:
The Dalles (541) 296-6178
Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Lower Columbia Basin

January 1, 2008



Water Supply Outlook

The Lower Columbia basin has had a wet beginning to the water year. As in other areas throughout the region, October and December were much wetter than average with a slightly drier than average November. The watershed above The Dalles has had near average precipitation since the beginning of the water year. Snowpack for the basin above The Dalles is 102 percent of average.

The April through September streamflow forecast for the Columbia River at The Dalles is 95 percent of average. The April through September streamflow forecast for the Sandy River at Marmot is also 95 percent of average. At this point in the season, water users can expect average summer streamflow conditions throughout the basin.

For more information contact your local Natural Resources Conservation Service Office:
Oregon City - (503) 656-3499

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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LOWER COLUMBIA BASIN
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (1000AF) (% AVG.)			30% (1000AF)	10% (1000AF)
Columbia R at The Dalles (2)	APR-JUL	55300	70300	80400	95	90500	105000	84600
	APR-SEP	70500	84200	93500	95	103000	116000	98600
Sandy R nr Marmot	APR-JUL	239	272	295	94	318	351	313
	APR-SEP	286	321	345	95	369	404	363

LOWER COLUMBIA BASIN Reservoir Storage (1000 AF) - End of December					LOWER COLUMBIA BASIN Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
					Sandy River	5	138	139

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

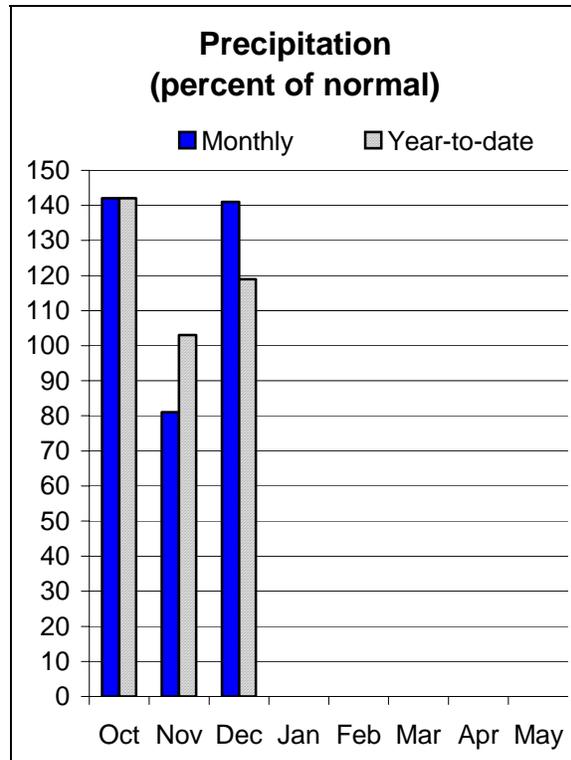
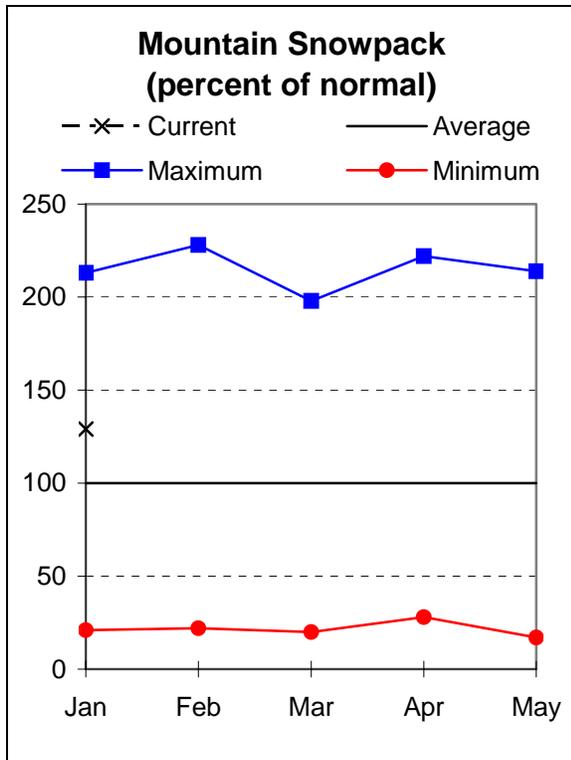
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- (2) - The value is natural volume - actual volume may be affected by upstream water management.

For more information contact your local Natural Resources Conservation Service Office:
Oregon City - (503) 656-3499
Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Willamette Basin

January 1, 2008



Water Supply Outlook

The Willamette basin has had a mixed beginning to the water year. October and December were much wetter than normal but November was drier than normal. Since the beginning of the water year, precipitation in the Willamette basin has been 119 percent of average, the highest in the state. Snowpack on January 1 was 129 percent of average.

At the end of December, storage at Timothy Lake and Henry Hagg reservoirs was 108 percent of average and 74 percent of capacity. Streamflow forecasts range from a low of 87 percent of average for the McKenzie below Trail Bridge and the Cougar Reservoir inflow to 105 percent of average for the Hills Creek Lake inflow. Elsewhere in the basin, April through September streamflows are forecast to be near average. At this point in the season, water users can expect average summer streamflow conditions in the Willamette River basin.

For more information contact your local Natural Resources Conservation Service Office:
 Eugene - (541) 465-6436; Portland - (503) 231-2270; Tangent - (541) 967-5925; Oregon City - (503) 656-3499;
 Hillsboro - (503) 648-3174; McMinnville - (503) 472-1474
 Salem - (503) 399-5746; Dallas - (503) 623-5534
 Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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WILLAMETTE BASIN
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		=====		Chance Of Exceeding *			=====	
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Blue River Lake Inflow (1,2)	FEB-MAY	82	127	147	90	167	212	163
	APR-SEP	42	68	80	93	92	118	86
Clackamas R at Estacada (2)	APR-JUL	515	598	655	102	712	795	640
	APR-SEP	614	701	760	102	819	906	748
Clackamas R ab Three Lynx (2)	APR-JUL	386	445	485	102	525	584	474
	APR-SEP	473	534	575	102	616	677	562
Cottage Grove Lake Inflow (1,2)	FEB-MAY	43	72	85	98	98	127	87
Cottage Grove Lake Inflow (1,2)	APR-SEP	13.2	33	42	98	51	71	43
Cougar Lake Inflow (1,2)	FEB-MAY	189	251	280	98	309	371	285
	APR-SEP	142	182	200	87	218	258	230
Detroit Lake Inflow (1,2)	FEB-MAY	526	694	770	104	846	1014	744
	APR-JUL	315	428	480	91	532	645	528
	APR-SEP	387	506	560	91	614	733	616
Dorena Lake Inflow (1,2)	FEB-MAY	142	223	260	102	297	378	255
	APR-SEP	40	98	125	103	152	210	122
Fall Creek Lake Inflow (1,2)	FEB-MAY	130	175	195	99	215	260	197
Fern Ridge Lake Inflow (1,2)	FEB-MAY	57	128	161	89	194	265	180
	APR-SEP	8.1	18.9	24	89	30	40	27
Foster Lake Inflow (1,2)	FEB-MAY	502	732	836	95	940	1170	878
	APR-JUL	210	375	450	92	525	690	490
	APR-SEP	241	407	482	92	557	723	527
Green Peter Lake Inflow (1,2)	FEB-MAY	326	487	560	93	633	794	604
	APR-JUL	140	248	297	91	346	454	327
	APR-SEP	165	272	320	90	368	475	354
Hills Creek Lake Inflow (1,2)	FEB-MAY	237	346	395	102	444	553	388
	APR-JUL	177	251	285	103	319	393	277
	APR-SEP	229	302	335	105	368	441	320
	JUN-OCT	99	137	155	95	173	211	164

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WILLAMETTE BASIN
Streamflow Forecasts - January 1, 2008

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		=====		Chance Of Exceeding *		=====		
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)		10% (1000AF)
Little N Santiam R nr Mehama (1)	APR-JUL	70	104	120	90	136	170	133
	APR-SEP	77	112	128	90	144	179	143
Lookout Point Lake Inflow (1,2)	FEB-MAY	620	902	1030	101	1158	1440	1025
	APR-JUL	465	658	745	103	832	1025	726
	APR-SEP	584	781	870	105	959	1156	828
	JUN-OCT	238	355	408	102	461	578	402
McKenzie R bl Trail Bridge (2)	APR-JUL	195	222	240	90	258	285	266
	APR-SEP	296	328	350	87	372	404	404
McKenzie R nr Vida (1,2)	APR-JUL	724	886	960	98	1034	1196	977
	APR-SEP	959	1111	1180	98	1249	1401	1201
Mohawk R nr Springfield	JAN-JUL	202	254	290	108	326	378	268
Oak Grove Fork ab Power Intake	APR-JUL	107	124	135	104	146	163	130
	APR-SEP	142	160	173	104	186	204	167
N Santiam R at Mehama (1,2)	APR-JUL	376	537	715	98	683	844	732
	APR-SEP	567	741	820	98	899	1073	834
S Santiam R at Waterloo (2)	APR-JUL	331	456	540	98	624	749	549
	APR-SEP	367	491	575	98	659	783	587
Scoggins Ck nr Gaston (2)	FEB-JUL	27	37	43	100	49	59	43
Thomas Ck nr Scio	JAN-JUL	131	172	200	86	228	269	233
MF Willamette R bl NF (1,2)	FEB-MAY	504	752	865	89	978	1226	973
	APR-JUL	405	560	630	90	700	855	698
	APR-SEP	492	652	725	91	798	958	798
	JUN-OCT	204	307	354	91	401	504	391
Willamette R at Salem (1,2)	FEB-MAY	4608	6831	7840	100	8849	11072	7837
	APR-JUL	2812	3808	4260	98	4712	5708	4347
	APR-SEP	3201	4245	4720	98	5195	6239	4804

WILLAMETTE BASIN Reservoir Storage (1000 AF) - End of December					WILLAMETTE BASIN Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage This Year	Last Year	*** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	% of Average
BLUE RIVER	85.5	0.2	4.8	4.5	Clackamas River	4	134	150
COTTAGE GROVE	29.8	0.6	3.8	2.8	McKenzie River	4	121	113
COUGAR	155.2	4.3	12.4	72.6	Row River	1	168	112
DETROIT	300.7	5.6	41.6	66.2	Santiam River	6	172	141
DORENA	70.5	2.4	15.0	10.3	Willamette, Middle Fork	6	121	123
FALL CREEK	115.5	0.0	10.7	4.3				
FERN RIDGE	109.6	0.0	23.6	11.6				
FOSTER	29.7	1.8	1.2	4.1				
GREEN PETER	268.2	6.5	19.4	92.5				
HILLS CREEK	200.2	12.0	36.3	63.5				
LOOKOUT POINT	337.0	9.2	41.3	38.2				
TIMOTHY LAKE	61.7	49.1	55.9	49.2				
HENRY HAGG LAKE	53.0	36.1	37.2	29.8				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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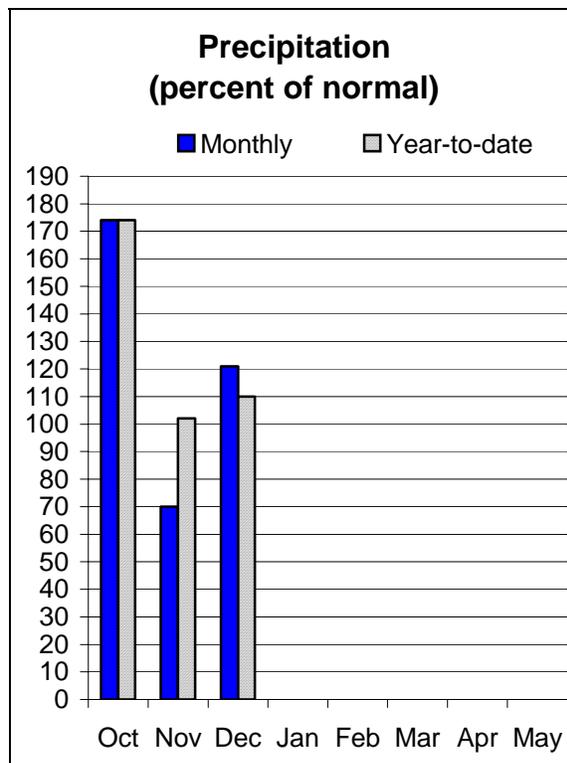
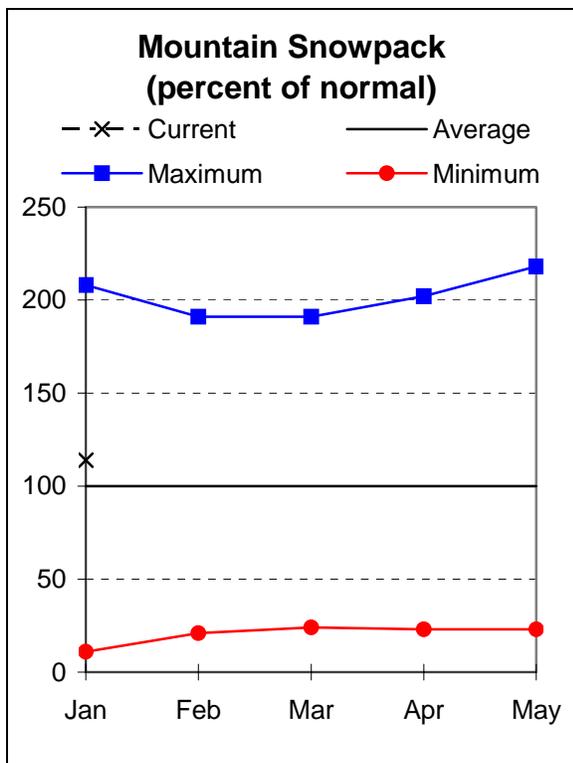
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Salem - (503) 399-5746; Dallas - (503) 623-5534

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Rogue and Umpqua Basins

January 1, 2008



Water Supply Outlook

After a very wet October, November was drier than normal in the Rogue and Umpqua basins. The month of December was wetter than normal. Since the beginning of the water year, total precipitation in the Rogue and Umpqua basin has been 110 percent of average. The January 1 snowpack was 114 percent of average.

The 5 irrigation reservoirs in the Rogue and Umpqua basins that are reviewed for this report were at 111 percent of average on January 1. There were 86,800 acre feet of water stored for 62 percent of capacity. Streamflow forecasts range from a low of 94 percent of average for South Fork Big Butte Creek near Butte Falls to 112 percent of average for the South Umpqua near Brockway. Elsewhere in the basin, April through September streamflows are forecast to be near average. At this point in the season, water users can expect average summer streamflow conditions in the Rogue and Umpqua basin.

For more information contact your local Natural Resources Conservation Service Office:
 Roseburg - (541) 673-8316; Medford - (541) 776-4267
 Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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ROGUE AND UMPQUA BASINS
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		=====		Chance Of Exceeding *			=====	
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Applegate Lake Inflow (2)	FEB-JUL	67	147	200	98	255	335	205
	APR-JUL	40	81	109	97	137	178	112
	FEB-SEP	71	152	205	95	260	345	215
	APR-SEP	44	86	115	97	144	186	119
SF Big Butte Ck nr Butte Falls	APR-JUL	20	27	32	94	37	44	34
	APR-SEP	27	35	41	94	47	55	44
Cow Ck nr Azalea (2)	FEB-JUL	14.3	31	43	102	55	72	42
	APR-JUL	5.7	12.7	17.4	106	22	29	16.5
	APR-SEP	6.4	13.7	18.7	106	24	31	17.7
Hyatt Prairie Reservoir Inflow (2)	APR-JUL	0.6	2.3	3.5	73	4.7	6.4	4.8
Illinois R at Kerby	APR-JUL	62	135	185	103	235	310	179
	APR-SEP	66	140	190	102	240	315	186
NF Little Butte Ck nr Lakecreek	APR-SEP	35	43	48	104	53	61	46.3
Lost Creek Lake Inflow (2)	FEB-JUL	650	775	855	104	940	1060	825
	APR-JUL	425	505	560	106	610	690	530
	FEB-SEP	760	895	990	103	1080	1220	960
	APR-SEP	540	630	690	104	755	845	665
Rogue R at Raygold (2)	APR-JUL	430	590	700	96	810	970	730
	APR-SEP	560	735	850	96	965	1140	890
Rogue R at Grants Pass (2)	APR-JUL	445	630	755	102	880	1060	740
	APR-SEP	565	760	895	101	1030	1230	885
Sucker Ck bl Ltl Grayback Ck nr Holl	APR-JUL	22	41	54	104	67	86	52
	APR-SEP	25	45	58	104	71	91	56
N Umpqua R at Winchester	APR-JUL	565	720	825	104	930	1080	795
	APR-SEP	680	840	950	103	1060	1220	920
S Umpqua R nr Brockway	APR-JUL	230	360	450	113	540	670	400
	APR-SEP	245	380	470	112	560	695	420
S Umpqua R at Tiller	APR-JUL	126	180	215	111	250	305	193
	APR-SEP	135	189	225	110	265	315	205

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For more information contact your local Natural Resources Conservation Service Office:
Roseburg - (541) 673-8316; Medford - (541) 776-4267
Or visit: <http://www.wcc.nrcs.usda.gov/cgi-bin/bor.pl>

ROGUE AND UMPQUA BASINS Reservoir Storage (1000 AF) - End of December					ROGUE AND UMPQUA BASINS Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage This Year	Last Year	*** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	as % of Average
APPLEGATE	75.2	0.0	3.5	11.1	Applegate River	2	130	106
EMIGRANT LAKE	39.0	15.6	19.1	17.6	Bear Creek	2	126	108
FISH LAKE	8.0	4.7	5.9	5.2	Butte Creek	6	141	112
FOURMILE LAKE	16.1	8.8	9.8	8.0	Illinois River	1	180	140
HOWARD PRAIRIE	60.0	44.5	48.6	37.7	North Umpqua River	9	176	133
HYATT PRAIRIE	16.1	13.2	14.4	9.4	Rogue River	18	129	111
LOST CREEK	315.0	4.8	19.5	136.3				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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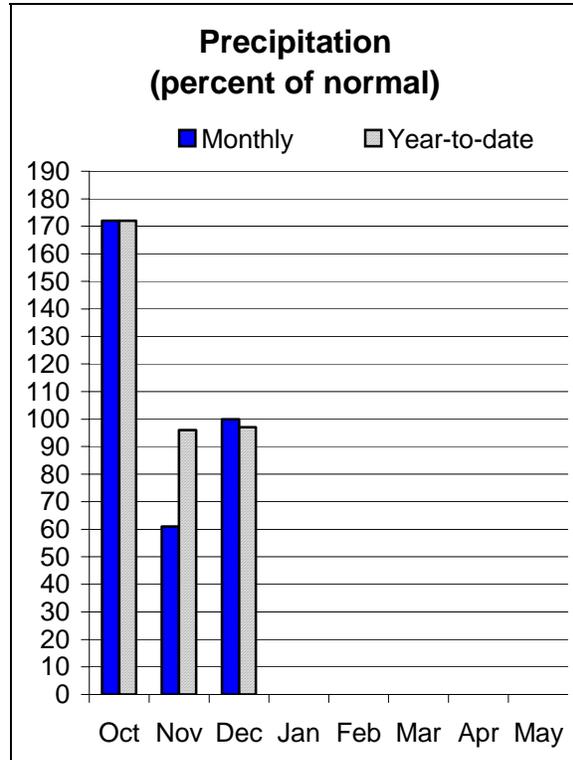
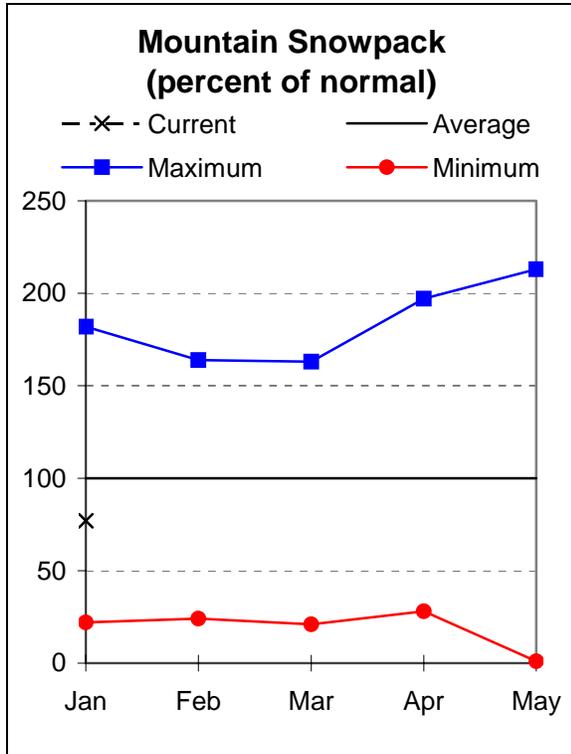
FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
CLEARWATER above Trap Creek (2)	NEAR AVERAGE
FOURMILE LAKE net Inflow (2)	NEAR AVERAGE
GRAVE CREEK at Pease Bridge	NEAR AVERAGE
NORTH UMPQUA nr Toketee Falls (2)	NEAR AVERAGE

For more information contact your local Natural Resources Conservation Service Office:
 Roseburg - (541) 673-8316; Medford - (541) 776-4267
 Or visit: <http://www.wcc.nrcs.usda.gov/cgi-bin/bor.pl>



Klamath Basin

January 1, 2008



Water Supply Outlook

Following a very wet October, November in the Klamath basin was much drier than normal. December precipitation however, was back to normal. Total precipitation since the beginning of the water year has been 97 percent in the Klamath basin. The January 1 snowpack was 77 percent of average.

Klamath basin irrigation reservoirs were storing 343,000 acre feet of water or 63 percent of their average volume on January 1. Streamflow forecasts range from a low of 55 percent of average for Gerber Reservoir inflow to 78 percent of average for the Williamson near Chiloquin. Elsewhere in the basin, April through September streamflows are forecast to be significantly below normal. As of January 1, water users in the Klamath basin can expect below average summer streamflow conditions.

For more information contact your local Natural Resources Conservation Service Office:
Klamath Falls - (541) 883-6932

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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KLAMATH BASIN
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		===== Chance Of Exceeding * =====						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)			30% (1000AF)
Clear Lake Inflow (2)	FEB-JUL	1.0	38	72	69	106	157	105
	APR-SEP	3.0	15.8	29	60	42	62	48
Gerber Reservoir Inflow (2)	FEB-JUL	1.0	15.8	31	66	46	69	47
	APR-SEP	1.0	2.7	9.8	55	16.9	27	17.8
Sprague R nr Chiloquin	FEB-JUL	75	176	245	75	315	415	325
Upper Klamath Lake Inflow (1,2)	FEB-JUL	215	480	600	77	720	985	780
	APR-SEP	149	315	390	76	465	630	515
Williamson R bl Sprague R nr Chiloqu	FEB-JUL	200	325	405	78	485	610	518
	APR-SEP	167	245	300	78	355	435	385

KLAMATH BASIN Reservoir Storage (1000 AF) - End of December					KLAMATH BASIN Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CLEAR LAKE (CALIF)	513.3	84.4	168.9	189.3	Lost River	2	200	60
GERBER	94.3	42.2	60.2	41.8	Sprague River	4	80	72
UPPER KLAMATH LAKE	523.7	210.3	292.2	313.9	Upper Klamath Lake	13	84	79
					Williamson River	4	81	83

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

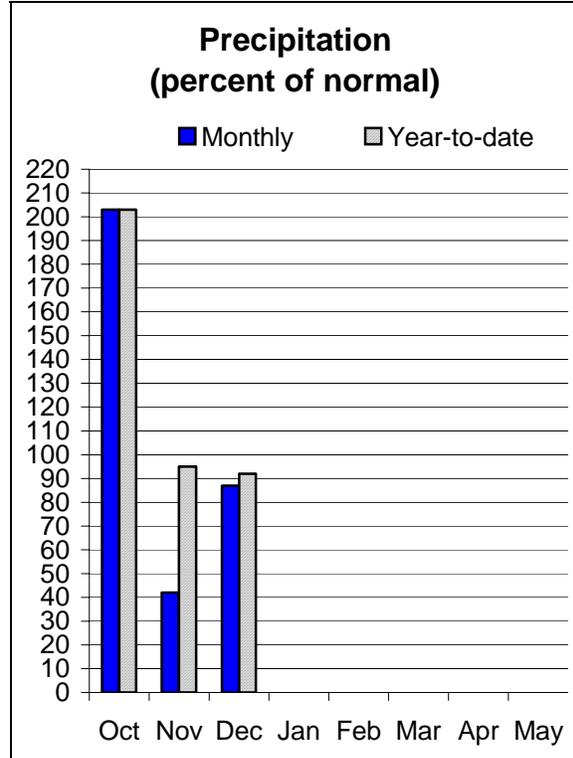
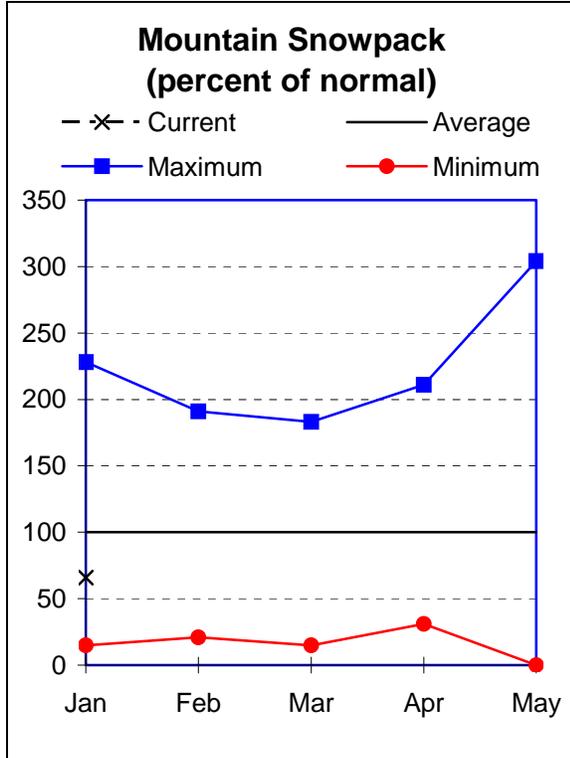
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

For more information contact your local Natural Resources Conservation Service Office:
Klamath Falls - (541) 883-6932
Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Lake County and Goose Lake

January 1, 2008



Water Supply Outlook

Following a very wet October, November in Lake County and Goose Lake basin was much drier than normal. December precipitation was below normal. Total precipitation since the beginning of the water year has been 92 percent of average in the Lake County and Goose Lake basin. The January 1 snowpack was 66 percent of average, the lowest in the state.

Storage in Cottonwood, Drews and Thompson valley reservoirs was 62 percent of average and 27 percent of capacity on January 1. Streamflow forecasts range from a low of 57 percent of average for Honey Creek near Plush to 71 percent of average for the Chewaucan near Paisley. Elsewhere in the basin, April through September streamflows are forecast to be significantly below normal. As of January 1, water users in Lake County and Goose Lake basin can expect below normal summer streamflow conditions

For more information contact your local Natural Resources Conservation Service Office:
Lakeview - (541) 947-2202

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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LAKE COUNTY AND GOOSE LAKE BASINS
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>					30-Yr Avg. (1000AF)	
		===== Chance Of Exceeding * =====						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)			30% (1000AF)
Chewaucan R nr Paisley	MAR-JUL	19.3	45	63	71	81	107	89
	APR-SEP	18.1	40	55	71	70	92	78
Deep Ck ab Adel	MAR-JUL	10.0	36	54	64	72	98	84
	APR-SEP	8.7	29	43	62	57	77	69
Honey Ck nr Plush	MAR-JUL	1.0	5.3	12.0	60	18.7	28	20
	APR-SEP	1.0	4.0	9.5	57	15.0	23	16.6
Silver Ck nr Silver Lake (2)	MAR-JUL	0.2	7.1	11.8	60	16.5	23	19.7
	APR-SEP	0.5	5.7	9.2	58	12.7	17.9	15.9
Twentymile Ck nr Adel	MAR-JUL	0.5	4.1	17.4	62	31	50	28
	APR-SEP	0.4	1.7	11.2	64	21	35	17.4

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LAKE COUNTY AND GOOSE LAKE BASINS
Reservoir Storage (1000 AF) - End of December

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LAKE COUNTY AND GOOSE LAKE BASINS
Watershed Snowpack Analysis - January 1, 2008

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Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
COTTONWOOD	8.7	5.3	5.9	2.3	Chewaucan River	2	62	60
DREWS	63.0	10.2	32.8	28.9	Deep Creek	1	100	76
THOMPSON VALLEY	18.4	8.8	12.6	8.2	Drew Creek	2	200	60
					Honey Creek	1	100	76
					Silver Creek (Lake Co.)	3	78	71
					Twentymile Creek	1	100	76

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

For more information contact your local Natural Resources Conservation Service Office:

Lakeview - (541) 947-2202

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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LAKE COUNTY AND GOOSE LAKE BASINS
January 1, 2008

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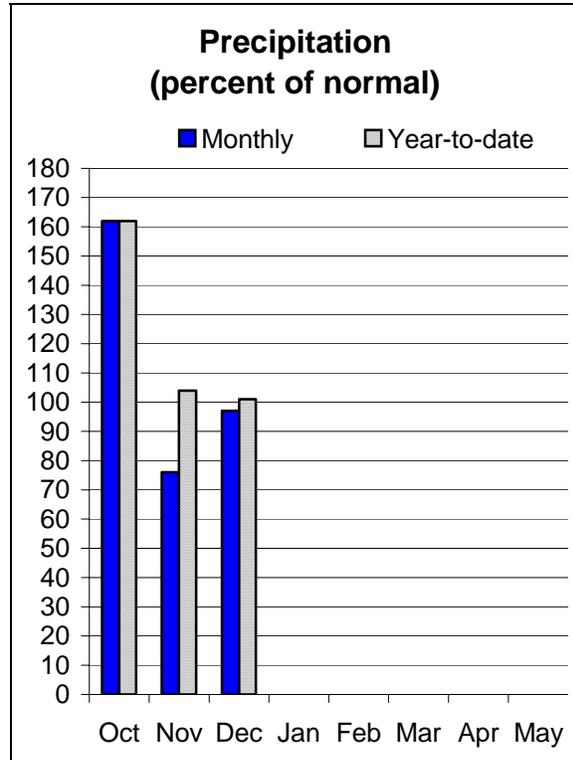
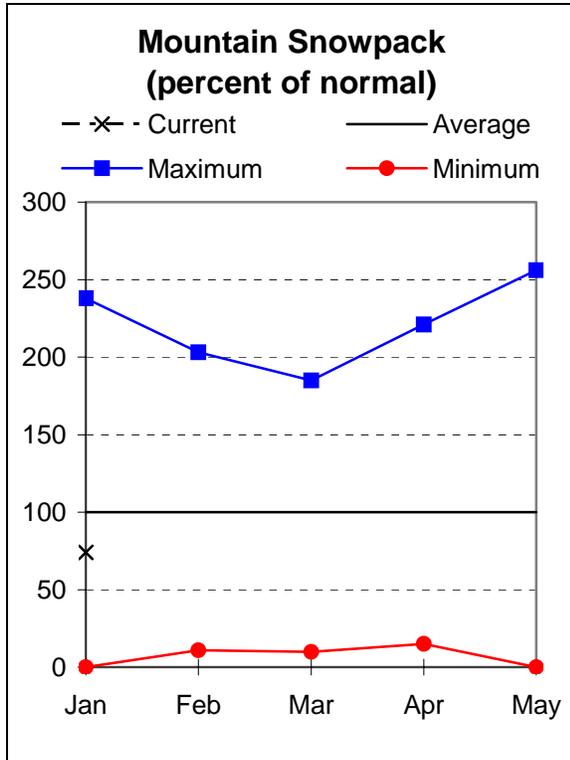
FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
BRIDGE CK nr Spahr Ranch	BELOW AVERAGE
COTTONWOOD CK nr Lakeview (2)	BELOW AVERAGE
DREWS RESERVOIR net Inflow (2)	BELOW AVERAGE

For more information contact your local Natural Resources Conservation Service Office:
Lakeview - (541) 947-2202
Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>



Harney Basin

January 1, 2008



Water Supply Outlook

Following a wet October, November in the Harney basin was much drier than normal. December precipitation was near normal. Total precipitation since the beginning of the water year has been 101 percent of average in the Harney basin. The January 1 snowpack was 74 percent of average.

Streamflow forecasts range from a low of 60 percent of average for the Silvies River near Burns to 79 percent of average for the Donner und Blitzen near Frenchglen. Elsewhere in the basin, April through September streamflows for Trout Creek near Denio is forecast to be 60 percent of average. As of January 1, water users in the Harney basin can expect below normal summer streamflow conditions.

For more information contact your local Natural Resources Conservation Service Office:
 Hines - (541) 573-6446
 Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

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HARNEY BASIN
Streamflow Forecasts - January 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)				
		90%		70%		50%			30%		10%	
		(1000AF)	(1000AF)	(1000AF)	(1000AF)	(1000AF)	(1000AF)		(1000AF)	(1000AF)	(1000AF)	(1000AF)
Donner Und Blitzen R nr Frenchglen	MAR-JUL	27	46	58	77	70	89	75				
	APR-SEP	25	43	55	79	67	85	70				
Silvies R nr Burns	MAR-JUL	4.0	55	90	70	125	176	129				
	APR-SEP	0.1	35	59	60	83	118	99				
Trout Ck Nr Denio	MAR-JUL	1.3	4.7	7.0	63	9.3	12.7	11.1				
	APR-SEP	0.9	4.1	6.3	61	8.5	11.7	10.3				

HARNEY BASIN Reservoir Storage (1000 AF) - End of December					HARNEY BASIN Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
					Donner und Blitzen River	2	65	57
					Silver Creek (Harney Co)	2	134	77
					Silvies River	5	112	88
					Trout Creek	1	475	72

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

FORECAST POINT TO BE DISCONTINUED	GENERALIZED WY 2008 STREAMFLOW FORECAST (APR - SEP)
SILVER CK nr Riley	BELOW AVERAGE

For more information contact your local Natural Resources Conservation Service Office:

Hines - (541) 573-6446

Or visit: <http://www.wcc.nrcs.usda.gov/cgibin/bor.pl>

Low Flow Forecasts for Oregon

OWYHEE AND MALHEUR BASINS			
<i>FORECAST POINT</i>	<i>LOW FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Owyhee nr Rome	2000	May 27	May 21
	1000	June 10	June 2
	500	June 29	June 17

BURNT, POWDER, PINE, GRAND RONDE AND IMNAHA BASINS			
<i>FORECAST POINT</i>	<i>LOW FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Eagle Ck above Skull Ck	225	August 4	July 22
	160	August 14	August 5
Catherine Ck nr Union	45	August 1	Avg Value = 49 cfs
	100	July 5	July 9
	50	July 25	July 28
Powder near Sumpter	100	June 25	June 25
	20	July 20	July 22
Deer Ck above Phillips Resv nr Sumpter	40	June 15	June 17
	10	July 1	July 6

UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS			
<i>FORECAST POINT</i>	<i>LOW FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Umatilla at Pendleton	550	May 15	May 17
SF Walla Walla nr Milton	200	June 10	June 9
	100	August-September	Avg Value = 105 cfs

UPPER JOHN DAY			
<i>FORECAST POINT</i>	<i>LOW FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
John Day at Service Ck	220	August 1	Avg Value = 212 cfs

UPPER DESCHUTES AND CROOKED BASINS			
<i>FORECAST POINT</i>	<i>FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Crane Prairie net Inflow	260	Peak Flow 260 cfs – May 30	
	170	forecast date = Oct 31	
Little Deschutes nr LaPine	400	June 1	June 7
	200	July 1	July 8
Whychus Cr nr Sisters	100	August 15	August 16
Tumalo Ck nr Bend	235	June 20	June 23
	207	June 22	June 25
	150	June 30	July 5
	71	August 1	August 7

HOOD, MILE CREEKS, AND LOWER DESCHUTES BASINS			
<i>FORECAST POINT</i>	<i>FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Clear Branch Inflow	40*	July 15-31	39**
*Average cfs forecast to flow for this two-week period.			
** Average cfs for period of record			
White bl Tygh Valley	200	July 3	July 3
	145	August 1	Avg Value = 145

ROGUE AND UMPQUA BASINS			
<i>FORECAST POINT</i>	<i>FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Cow Ck nr Azalea	20	July 4	July 4
	10	August 20	August 19
Little Butte Cr SF	100	May 15	May 15
South Umpqua nr Brockway	90	August 30	August 28
South Umpqua at Tiller	140	July 15	July 12
	90	July 30	July 28
	60	August 25	August 24

LAKE COUNTY AND GOOSE LAKE BASINS			
<i>FORECAST POINT</i>	<i>FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Deep Ck abv Adel	100	May 30	June 21
Honey Ck nr Plush	100	April 15	May 15
	50	May 1	May 30
Twentymile nr Adel	50	May 1	June 2
	10	June 1	July 3

HARNEY BASIN			
<i>FORECAST POINT</i>	<i>FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Silvies nr Burns	400	April 15	May 5
	200	April 30	May 21
	100	May 15	June 9
	50	May 25	June 23
Donner und Blitzen	200	May 25	June 15
	100	June 25	July 5

Summary of Snow Course Data

June 2007

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
Oregon						
ANEROID LAKE SNOTEL	7410	1/01/08	46	9.3	6.8	11.0
ANNIE SPRING SNOTEL	6010	1/01/08	56	12.3	18.8	17.0
ANTHONY LAKE	7130	1/03/08	38	10.0	6.0	10.9
ARBUCKLE MTN SNOTEL	5770	1/01/08	38	8.6	7.6	8.9
BEAVER DAM CREEK	5100	1/02/08	29	10.3	4.9	6.3
BEAVER RES. SNOTEL	5150	1/01/08	26	6.0	3.7	4.1
BIG RED MTN SNOTEL	6050	1/01/08	38	10.3	9.6	11.6
BIGELOW CAMP SNOTEL	5120	1/01/08	29	8.1	4.5	5.8
BILLIE CK DVD SNOTEL	5300	1/01/08	45	10.9	10.0	9.8
BLAZED ALDER SNOTEL	3650	1/01/08	88	24.3	14.4	14.1
BLUE MTN SPGS SNOTEL	5900	1/01/08	34	7.6	8.6	7.8
BOURNE SNOTEL	5850	1/01/08	39	8.2	6.1	7.3
BOWMAN SPRNGS SNOTEL	4530	1/01/08	21	3.8	2.9	4.4
CAMAS CREEK #3	5850	12/31/07	20	3.9	3.9	5.1
CASCADE SUM. SNOTEL	5100	1/01/08	69	15.7	17.0	13.5
CHEMULT ALT SNOTEL	4850	1/01/08	19	3.8	4.0	4.6
CHILOQUIN	4190	12/27/07	6	1.0	.4	1.3
CLACKAMAS LK. SNOTEL	3400	1/01/08	40	8.2	6.6	6.9
CLEAR LAKE SNOTEL	3810	1/01/08	48	10.0	7.2	5.9
COLD SPRINGS SNOTEL	5940	1/01/08	44	10.3	13.9	13.1
COUNTY LINE SNOTEL	4800	1/01/08	14	3.3	1.1	2.6
CRAZYMAN FLAT SNOTEL	6180	1/01/08	19	3.8	8.2	7.4
CRYSTAL (BROWNS RCH)	4200	12/27/07	13	1.8	2.2	3.3
DALY LAKE SNOTEL	3690	1/01/08	54	13.3	6.2	8.1
DEADWOOD JUNCTION	4600	1/02/08	29	6.9	3.6	4.3
DERR SNOTEL	5850	1/01/08	26	5.6	8.3	6.1
DIAMOND LAKE SNOTEL	5320	1/01/08	33	6.0	6.1	7.3
DOOLEY MOUNTAIN	5430	1/02/08	27	6.7	3.0	3.5
EILERTSON SNOTEL	5510	1/01/08	24	4.7	4.6	4.7
ELDORADO PASS	4600	1/02/08	13	2.0	1.0	2.1
EMIGRANT SPGS SNOTEL	3800	1/01/08	24	5.0	2.0	4.1
FISH CREEK SNOTEL	7660	1/01/08	41	5.9	11.2	11.6
FISH LK. SNOTEL	4670	1/01/08	---	7.3	3.3	6.2
FT. KLAMATH	4150	12/27/07	11	1.2	1.8	2.2
FOURMILE LAKE SNOTEL	6000	1/01/08	36	9.6	11.2	14.3
GERBER RES SNOTEL	4850	1/01/08	7	.7	.3	1.4
GOLD CENTER SNOTEL	5410	1/01/08	31	7.0	5.5	5.1
GREENPOINT SNOTEL	3310	1/01/08	52	13.3	11.9	9.5
HARRIMAN LODGE	4200	12/27/07	14	2.0	.6	2.4
HIGH PRAIRIE	6100	12/28/07	71	18.8	23.3	20.0
HIGH RIDGE SNOTEL	4920	1/01/08	65	16.1	12.8	10.4
HOGG PASS SNOTEL	4760	1/01/08	66	14.0	11.7	17.0
HOLLAND MDWS SNOTEL	4900	1/01/08	58	15.3	9.1	13.7
HOWARD PRAIRIE	4500	1/02/08	20	4.8	2.4	3.7
HUNGRY FLAT	4400	1/02/08	14	3.0	1.2	2.1
IRISH-TAYLOR SNOTEL	5500	1/01/08	68	15.4	16.7	15.6
JUMP OFF JOE SNOTEL	3520	1/01/08	49	11.9	5.2	5.7
KING MTN #1	4500	12/31/07	37	8.2	1.9	3.7
KING MTN #2 SNOTEL	4340	1/01/08	26	7.4	.8	2.5
KING MTN #3	3650	12/31/07	16	2.6	.0	.9
KING MTN #4	3050	12/31/07	0	.0	.0	.3
LAKE CK R.S. SNOTEL	5200	1/01/08	25	5.2	4.5	5.7
LITTLE ALPS	6200	1/03/08	26	5.5	3.2	5.3
LITTLE ANTONE (ALT)	5000	1/03/08	26	6.9	3.0	3.9

SNOW COURSE		ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
LITTLE MEADOW	SNOTEL	4000	1/01/08	68	19.1	15.0	11.9
LUCKY STRIKE	SNOTEL	4970	1/01/08	19	4.5	2.9	4.5
MADISON BUTTE	SNOTEL	5150	1/01/08	15	4.8	2.0	3.2
MARION FORKS	SNOTEL	2600	1/01/08	35	8.7	2.5	4.6
MARKS CREEK		4540	12/28/07	16	3.4	1.4	2.1
MCKENZIE	SNOTEL	4800	1/01/08	79	20.2	20.5	19.3
MEACHAM		4300	12/31/07	28	4.0	2.4	4.1
MILL CREEK MDW		4400	12/30/07	40	8.1	7.4	5.6
MOSS SPRINGS	SNOTEL	5760	1/01/08	46	10.4	9.3	11.6
MT HOOD TEST	SNOTEL	5400	1/01/08	104	26.0	26.0	29.3
MT HOWARD	SNOTEL	7910	1/01/08	28	9.0	6.5	7.7
MUD RIDGE	SNOTEL	4070	1/01/08	67	14.9	12.8	12.2
NEW CRESCENT	SNOTEL	4910	1/01/08	40	6.4	5.5	6.1
NEW DUTCHMAN #3		6400	1/02/08	75	18.7	23.6	23.5
NORTH FK RES	SNOTEL	3060	1/01/08	66	20.0	8.5	6.8
NORTH UMPQUA		4220	1/03/08	32	7.2	4.1	5.1
OCHOCO MEADOW	SNOTEL	5430	1/01/08	21	5.2	3.8	4.7
PARK H.Q. REV		6550	12/31/07	81	20.4	28.1	25.2
PEAVINE RIDGE	SNOTEL	3420	1/01/08	48	12.8	7.6	5.5
QUARTZ MTN	SNOTEL	5720	1/01/08	4	1.0	.8	1.4
R.R. OVERPASS	SNOTEL	2680	1/01/08	16	3.2	.0	.5
RED BUTTE #1		4560	1/02/08	43	12.8	3.5	5.1
RED BUTTE #2		4000	1/02/08	16	3.9	.2	2.6
RED BUTTE #3		3500	1/02/08	19	4.9	.3	1.5
RED BUTTE #4		3000	1/02/08	11	2.4	.0	.8
RED HILL	SNOTEL	4400	1/01/08	87	22.3	26.2	20.1
ROARING RIVER	SNOTEL	4950	1/01/08	63	14.6	12.6	11.8
ROCK SPRINGS	SNOTEL	5290	1/01/08	14	1.9	.9	2.3
SADDLE MTN	SNOTEL	3110	1/01/08	43	11.1	.1	3.2
SALT CK FALLS	SNOTEL	4220	1/01/08	53	13.2	8.5	8.0
SANTIAM JCT.	SNOTEL	3750	1/01/08	51	12.4	5.5	9.2
SCHNEIDER MDW	SNOTEL	5400	1/01/08	68	12.8	14.4	14.7
SEINE CREEK	SNOTEL	2060	1/01/08	10	2.2	.0	1.5
SEVENMILE MARSH SNTL		5700	1/01/08	47	10.7	13.0	13.4
SILVER BURN		3720	12/31/07	37	7.6	2.5	5.4
SILVER CREEK	SNOTEL	5740	1/01/08	17	3.2	3.1	4.7
SILVIES	SNOTEL	6990	1/01/08	19	4.6	5.0	6.7
SISKIYOU SUMMIT REV		4630	12/29/07	26	5.3	2.8	2.9
SNOW MTN	SNOTEL	6220	1/01/08	20	2.3	2.8	4.5
SF BULL RUN	SNOTEL	2690	1/01/08	39	8.7	.7	1.3
SOUTH FORK CANAL		3500	12/27/07	16	3.0	--	1.6
STARR RIDGE	SNOTEL	5250	1/01/08	19	3.6	1.6	3.2
STRAWBERRY	SNOTEL	5760	1/01/08	6	1.6	.5	2.9
SUMMER RIM	SNOTEL	7100	1/01/08	18	4.3	7.8	7.4
SUMMIT LAKE	SNOTEL	5600	1/01/08	60	15.3	16.8	15.4
TANGENT		5400	1/02/08	35	7.6	12.4	9.5
TAYLOR BUTTE	SNOTEL	5030	1/01/08	15	3.4	3.1	3.3
TAYLOR GREEN	SNOTEL	5740	1/01/08	41	9.6	7.1	8.9
THREE CK MEAD	SNOTEL	5650	1/01/08	43	8.6	11.2	8.5
TIPTON	SNOTEL	5150	1/01/08	29	5.9	4.9	6.4
TOLLGATE		5070	12/31/07	68	18.0	13.4	12.1
TRAP CREEK		3800	1/03/08	29	6.8	2.3	4.7
WOLF CREEK	SNOTEL	5630	1/01/08	38	8.1	5.1	7.0

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
California						
ADIN MTN SNOTEL	6350	1/01/08	21	4.4	3.3	5.9
CEDAR PASS SNOTEL	7100	1/01/08	24	5.6	5.1	7.2
CROWDER FLAT SNOTEL	5200	1/01/08	7	1.7	.3	--
DISMAL SWAMP SNOTEL	7000	1/01/08	29	6.3	9.3	11.5
Idaho						
MUD FLAT SNOTEL	5730	1/01/08	18	2.9	2.4	3.2
SILVER CITY	6400	12/29/07	32	6.4	7.6	7.2
SOUTH MTN SNOTEL	6500	1/01/08	22	4.9	6.2	7.7
Nevada						
BEAR CREEK SNOTEL	7800	1/01/08	---	4.8	7.0	8.0
BIG BEND SNOTEL	6700	1/01/08	16	2.7	2.8	3.9
BUCKSKIN,L SNOTEL	6700	1/01/08	27	3.4	3.1	3.9
DISASTER PEAK SNOTEL	6500	1/01/08	23	3.8	.8	5.3
FAWN CREEK SNOTEL	7050	1/01/08	24	3.5	5.0	7.5
GRANITE PEAK SNOTEL	7800	1/01/08	24	4.0	6.8	8.5
JACK CREEK, U SNOTEL	7280	1/01/08	26	3.3	4.3	7.7
LAMANCE CREEK SNOTEL	6000	1/01/08	24	4.3	2.5	5.9
LAUREL DRAW SNOTEL	6700	1/01/08	21	3.7	2.8	4.9
SEVENTYSIX CK SNOTEL	7100	1/01/08	19	3.0	4.1	4.8
TAYLOR CANYON SNOTEL	6200	1/01/08	9	1.9	.4	2.0

(d) denotes discontinued site.

LOST - Data current as of:01/08/08 10:00:02

Basin Outlook Reports

How Forecasts Are Made And Federal – State – Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

**USDA, Natural Resources Conservation Service
Snow Survey Office
1201 NE Lloyd; Suite 900
Portland, OR 97232**

Phone: (503) 414-3270

Web site: <http://www.or.nrcs.usda.gov/snow/index.html>

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snowcourses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

Interpreting Water Supply Forecasts

Each month, five forecasts are issued for each forecast point and each forecast period. Unless otherwise specified, all streamflow forecasts are for streamflow volumes that would occur naturally without any upstream influences. Water users need to know what the different forecasts represent if they are to use the information correctly when making operational decisions. The following is an explanation of each of the forecasts.

90 Percent Chance of Exceedance Forecast. There is a 90 percent chance that the actual streamflow volume will exceed this forecast value, and there is a 10 percent chance that the actual streamflow volume will be less than this forecast value.

70 Percent Chance of Exceedance Forecast. There is a 70 percent chance that the actual streamflow volume will exceed this forecast value, and there is a 30 percent chance that the actual streamflow volume will be less than this forecast value.

50 Percent Chance of Exceedance Forecast. There is a 50 percent chance that the actual streamflow volume will exceed this forecast value, and there is a 50 percent chance that the actual streamflow volume will be less than this forecast value. Generally, this forecast is the middle of the range of possible streamflow volumes that can be produced given current conditions.

30 Percent Chance of Exceedance Forecast. There is a 30 percent chance that the actual streamflow volume will exceed this forecast value, and there is a 70 percent chance that the actual streamflow volume will be less than this forecast value.

10 Percent Chance of Exceedance Forecast. There is a 10 percent chance that the actual streamflow volume will exceed this forecast value, and there is a 90 percent chance that the actual streamflow volume will be less than this forecast value.

*Note: There is still a 20 percent chance that actual streamflow volumes will fall either below the 90 percent exceedance forecast or above the 10 percent exceedance forecast.

These forecasts represent the uncertainty inherent in making streamflow predictions. This uncertainty may include sources such as: unknown future weather conditions, uncertainties associated with the various prediction methodologies, and the spatial coverage of the data network in a given basin.

30-Year Average. The 30-year average streamflow for each forecast period is provided for comparison. The average is based on data from 1971-2000. The % AVG. column compares the 50% chance of exceedance forecast to the 30-year average streamflow; values above 100% denote when the 50% chance of exceedance forecast would be greater than the 30-year average streamflow.

AF - Acre-feet, forecasted volume of water are typically in thousands of acre-feet.

These forecasts are given to users to help make risk-based decisions. Users can select the forecast corresponding to the level of risk they are willing to accept in order to minimize the negative impacts of having more or less water than planned for.

To Decrease the Chance of Having Less Water than Planned for: A user might determine that making decisions based on a 50 percent chance of exceedance forecast is too much risk to take (there is still a 50% chance that the user will receive less than this amount). To reduce the risk of having less water than planned for, users can base their operational decisions on one of the forecasts with a greater chance of being exceeded such as the 90 or 70 percent exceedance forecasts.

To Decrease the Chance of Having More Water than Planned for: A user might determine that making decisions based on a 50 percent chance of exceedance forecast is too much risk to take (there is still a 50% chance that the user will receive more than this amount). To reduce the risk of having more water than planned for, users can base their operational decisions on one of the forecasts with a lesser chance of being exceeded such as the 30 or 10 percent exceedance forecasts.

Using the forecasts - an Example

Using the 50 Percent Exceedance Forecast. Using the example forecasts shown below, there is a 50% chance that actual streamflow volume at the Boise River near Twin Springs will be less than 685 KAF between April 1 and July 31. There is also a 50% chance that actual streamflow volume will be greater than 685 KAF.

Using the 90 and 70 Percent Exceedance Forecasts. If an unexpected shortage of water could cause problems (such as irrigated agriculture), users might want to plan on receiving 610 KAF (from the 70 percent exceedance forecast). There is a 30% chance of receiving *less* than 610 KAF.

Alternatively, if users determine the risk of using the 70 percent exceedance forecast is too great, then they might plan on receiving 443 KAF (from the **90** percent exceedance forecast). There is 10% chance of receiving less than 443 KAF.

Using the 30 or 10 Percent Exceedance Forecasts. If an unexpected excess of water could cause problems (such as operating a flood control reservoir), users might plan on receiving 760 KAF (from the 30 percent exceedance forecast). There is a 30% chance of receiving *more* than 760 KAF.

Alternatively, if users determine the risk of using the 30 percent exceedance forecast is too great, then they might plan on receiving 927 KAF (from the 10 percent exceedance forecast). There is a 10% chance of receiving more than 927 KAF.

Users could also choose a volume in between any of these values to reflect their desired risk level.

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OWYHEE AND MALHEUR BASINS
Streamflow Forecasts - February 1, 2006

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		=====		Chance Of Exceeding *		=====		
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
MALHEUR near Drewsey	FEB-JUL	148	184	210	165	238	282	127
	APR-SEP	87	110	128	168	147	177	76
NF MALHEUR at Beulah	FEB-JUL	108	127	141	157	156	178	90
OWYHEE RESV INFLOW (2)	FEB-JUL	602	792	935	134	1090	1340	700
	APR-SEP	341	473	575	134	687	869	430

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

USDA Natural Resources Conservation Service
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Portland, OR 97232-1274

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*The Oregon Snow Survey office has moved.
Please note our new address.*

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Natural Resources Conservation Service
U.S. Department of Agriculture

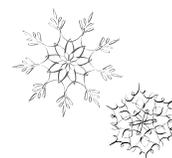
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