

# **GENERAL OUTLOOK**

**March 1, 2006**

## **SUMMARY**

Precipitation and snow accumulation patterns in February contrasted greatly with January 2006. While it rained or snowed nearly every day during the month of January, February precipitation was limited to a few small storms at the beginning and end of the month. By the end of February, the lack of input reduced the overall snow pack percent of average, although no snow had actually melted. Some sites in northeastern and northwestern Oregon experienced a rain-on-snow event at the end of February, resulting in some snow melt and snow pack reduction in localized areas. Throughout Oregon, February precipitation was just over 50 percent of normal.

Reservoir storage has increased 1,265,300 acre feet statewide since last month. At the end of February, storage at the 27 major irrigation reservoirs in Oregon was 94 percent of average. April through September streamflow forecasts are projected to be near to above average for all forecast points in the state. With prudent use, water supplies are expected to be sufficient for all water users in Oregon this year.

## **SNOWPACK**

Despite an abnormally dry February with little new snowfall, the Oregon snow pack remains above average as of March 1. January snow falls deposited a strong base that carried the supply through February. All Oregon basins report better than average snow pack conditions on March 1. Snow pack in the state ranges from a low of 105 percent of average in the Lower Columbia to 144 percent of average in the Klamath basin.

## **PRECIPITATION**

In most of Oregon, small storms at the beginning and end of February were the only contributions to precipitation in much of the state. Statewide, total monthly precipitation for February was just over 50 percent of normal. Monthly precipitation ranged from 41 percent of average in the Harney basin to 70 percent of average in neighboring Lake County and Goose Lake. Precipitation was highly variable at a local level. As of March 1, water year to date precipitation was 120 percent of average across the state of Oregon.

## RESERVOIRS

At the end of February, the 27 major irrigation reservoirs in the state held 3,253,900 acre feet of water, an increase of 1,265,300 acre feet over last month. Reservoir storage is 94% of average and 62% of capacity.

## STREAMFLOW

Streamflows throughout the state of Oregon are currently forecast to run near or above average for all forecast points within the April through September period. This is excellent news for water users in the State. At this point in the forecast season, water supplies are expected to be sufficient for all water users in Oregon in the coming summer. The following table summarizes selected stream flow forecasts throughout the state.

<b>STREAM</b>	<b>PERIOD</b>	<b>PERCENT OF AVERAGE</b>
Owyhee Net Inflow	Mar-Jul	119
Grande Ronde at La Grande	Apr-Sep	97
Umatilla at Pendleton	Apr-Sep	99
Deschutes at Benham Falls	Apr-Sep	111
Willamette MF near Oakridge	Apr-Sep	103
Rogue at Raygold	Apr-Sep	121
Upper Klamath L. Net Inflow	Apr-Sep	139
Silvies near Burns	Apr-Sep	152

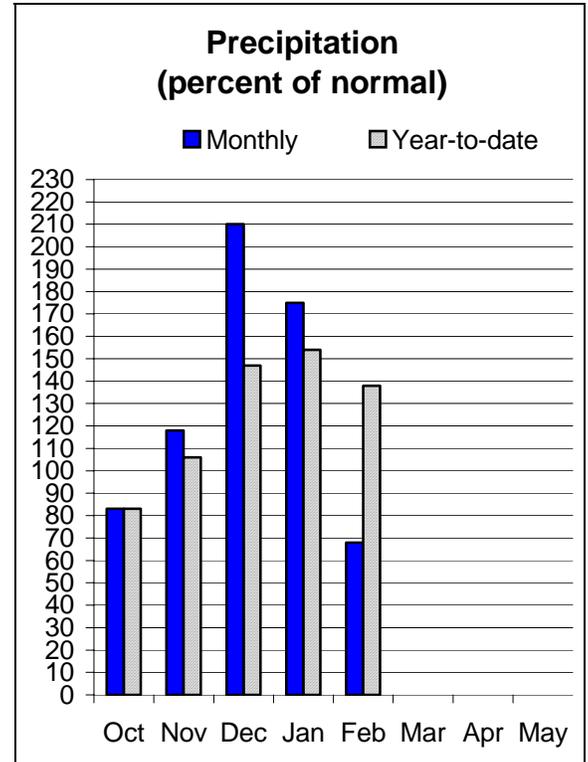
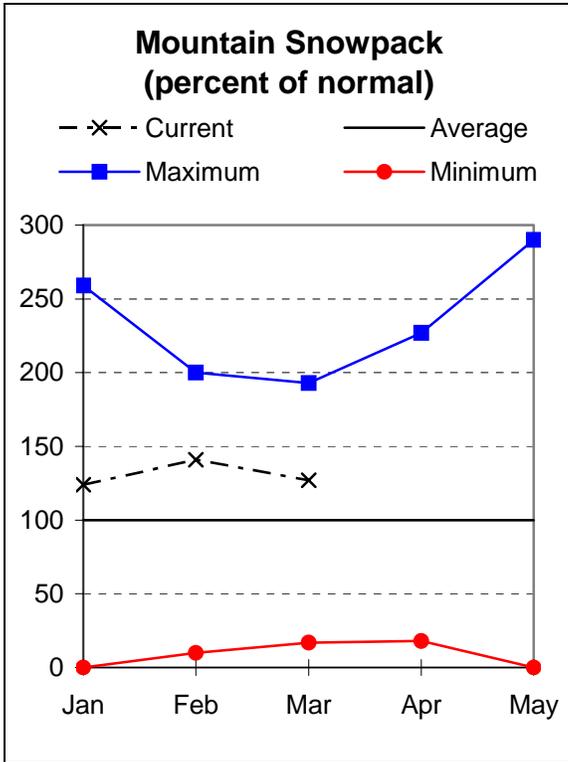
Some of these forecasts assume normal weather conditions will occur from now to the end of the forecast period.

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 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

March 1, 2006



## Water Supply Outlook

Following a wet January with abundant snowfall, February precipitation in the Owyhee and Malheur basins was only 68 percent of average. The March 1 snow pack in the Owyhee and Malheur dropped to 127 percent of average, down from 141 percent of average on February 1. Since the beginning of the water year, cumulative precipitation is 138 percent of average.

Beulah, Bully Creek, Owyhee and Warm Springs reservoirs are reporting a combined storage that is 110 percent of average for the end of February. April through September streamflow forecasts range from 114 percent of average for the Owyhee reservoir inflow to 142 percent of average for the Malheur near Drewsey. Water supplies are expected to be sufficient for all water users this summer.

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

OWYHEE AND MALHEUR BASINS  
Streamflow Forecasts - March 1, 2006

Forecast Point	Forecast Period	<<==== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)						
		90% (1000AF)		70% (1000AF)			Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)		30% (1000AF)		10% (1000AF)	
MALHEUR near Drewsey	MAR-JUL APR-SEP	113 76	138 95	156 108	142 142	175 122	206 145	110 76				
NF MALHEUR at Beulah	MAR-JUL	88	101	110	136	120	135	81				
OWYHEE RESV INFLOW (2)	MAR-JUL APR-SEP	557 323	657 418	730 490	119 114	807 567	927 692	615 430				
OWYHEE near Rome	MAR-JUL	551	652	725	125	802	923	580				
SUCCOR CK nr Jordan Valley	MAR-JUL	11.2	17.0	21	124	25	31	16.9				

Reservoir	OWYHEE AND MALHEUR BASINS Reservoir Storage (1000 AF) - End of February				OWYHEE AND MALHEUR BASINS Watershed Snowpack Analysis - March 1, 2006			
	Usable Capacity	*** This Year	Usable Storage Last Year	*** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	% of Average
BEULAH RES	60.0	40.4	18.3	35.4	Owyhee River	20	229	123
BULLY CREEK	30.0	22.5	20.1	17.5	Malheur	9	304	173
OWYHEE	715.0	549.8	203.3	489.1	Jordan Creek	2	174	102
WARMSPRINGS	191.0	96.5	29.4	102.7	Bully Creek	2	260	291

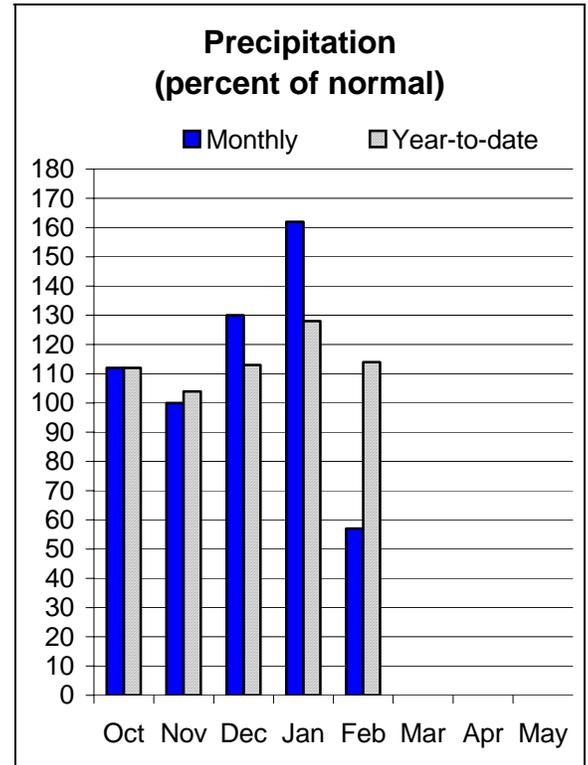
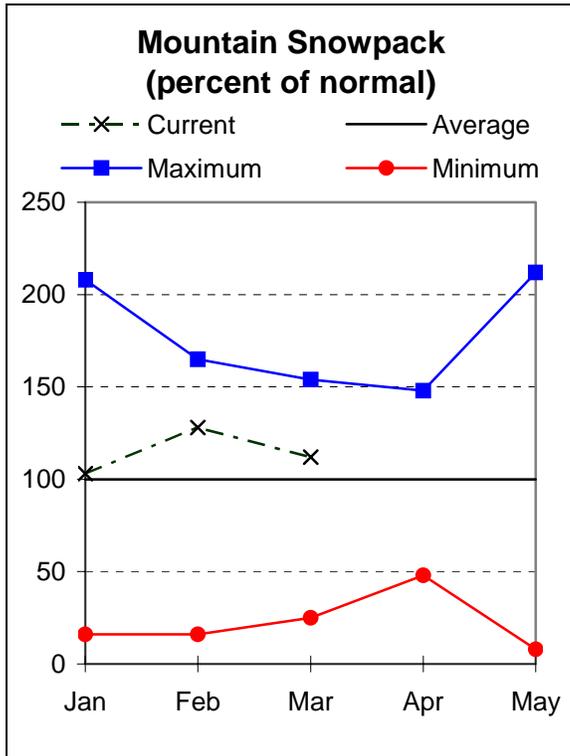
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- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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Ontario - (541) 889-7637**

# BURNT, POWDER, GRAND RONDE, AND IMNAHA BASINS

March 1, 2006



## Water Supply Outlook

March 1 snow pack in the Burnt, Powder, Pine, Grande Ronde and Innaha basins was 112 percent of average, down from 128 percent on February 1. The month of February was much drier than normal with only 57 percent of average precipitation. Since the beginning of the water year, precipitation in these basins has been 114 percent of average.

Phillips Lake, Thief Valley and Unity reservoirs are reporting a combined storage that is 55 percent of average for the end of February. Streams throughout these basins are forecast to experience near average flows this coming summer. April through September streamflow forecasts range from 94 percent of average for Bear Creek near Wallowa to 136 percent of average for the Burnt near Hereford. Water supplies are expected to be adequate for all water users.

For more information contact your local  
Natural Resources Conservation Service Office  
Enterprise- (541) 426-4588; Baker City - (541) 523-7121; LaGrande - (541) 963-4178

BURNT, POWDER, PINE, GRANDE RONDE AND IMNAHA BASINS  
Streamflow Forecasts - March 1, 2006

Forecast Point	Forecast Period	Future Conditions				30-Yr Avg. (1000AF)		
		<<==== Drier =====		===== Wetter =====>>				
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)		10% (1000AF)	30% (1000AF)	
ANTHONY CK bl NF nr North Powder	MAR-JUL	12.7	16.1	18.4	107	21	24	17.2
BEAR CREEK near Wallowa	APR-SEP	41	53	61	94	69	81	65
BIG CK bl Burn Ck nr Medical Spgs	MAR-JUL	8.9	11.0	12.4	87	13.8	15.9	14.2
BURNT near Hereford (2)	MAR-JUL	53	63	69	135	75	85	51
	APR-SEP	39	47	53	136	59	67	39
CATHERINE CREEK near Union	APR-SEP	50	58	64	97	70	78	66
DEER CK nr Sumpter	MAR-JUL	15.4	19.3	22	121	25	29	18.2
EAGLE CREEK abv Skull Creek	APR-JUL	139	159	172	107	185	206	161
	APR-SEP	153	174	188	107	203	223	176
GRANDE RONDE at La Grande	MAR-JUL	173	213	240	97	267	306	247
	APR-SEP	122	158	182	97	206	242	188
GRANDE RONDE at Troy (1)	MAR-JUL	1190	1493	1630	103	1767	2070	1580
	APR-SEP	1021	1295	1420	104	1545	1820	1370
HURRICANE CREEK near Joseph	APR-SEP	40	42	44	105	46	48	42
IMNAHA at Imnaha	APR-SEP	245	285	310	105	335	375	295
LOSTINE near Lostine	APR-SEP	109	117	123	102	129	137	121
PINE CREEK near Oxbow	MAR-JUL	152	180	195	104	210	240	188
	APR-JUL	116	139	155	105	172	192	148
POWDER near Sumpter (2)	APR-JUL	55	65	71	122	77	87	58
	APR-SEP	56	65	72	122	79	88	59
EF WALLOWA near Joseph	MAR-SEP	11.0	12.0	12.6	107	13.2	14.2	11.8
WALLOWA at Joseph (2)	APR-JUL	64	69	72	113	75	80	64
WOLF CK RESERVOIR inflow	MAR-JUN	11.9	14.8	16.7	103	18.6	22	16.2

BURNT, POWDER, PINE, GRANDE RONDE AND IMNAHA BASINS  
Reservoir Storage (1000 AF) - End of February

BURNT, POWDER, PINE, GRANDE RONDE AND IMNAHA BASINS  
Watershed Snowpack Analysis - March 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
PHILLIPS LAKE	73.5	15.1	15.8	43.8	Grande Ronde ab LaGrande	6	252	103
THIEF VALLEY	17.4	13.8	13.5	17.3	Powder River	9	208	114
UNITY	25.2	13.8	11.6	15.8	Wallowa, Imnaha, Catherine	5	213	102
WALLOWA LAKE	37.5	14.0	21.2	18.8	Burnt River	6	281	160
WOLF CREEK		NO REPORT						

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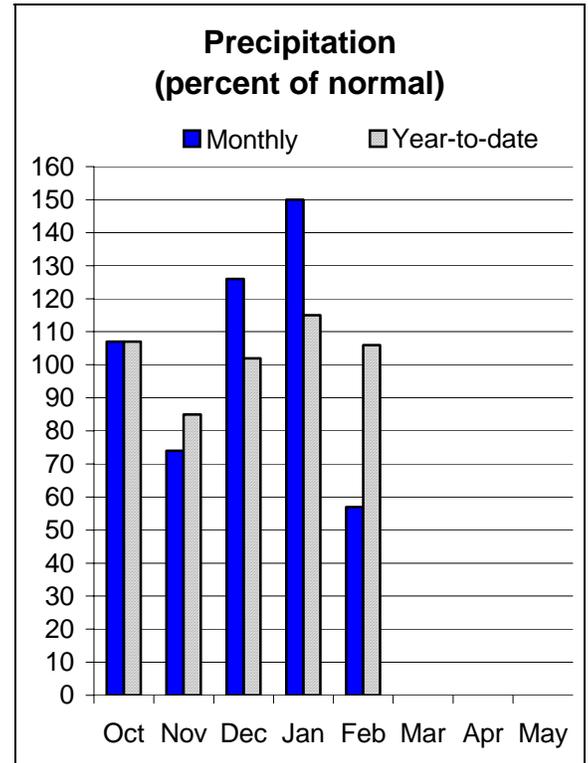
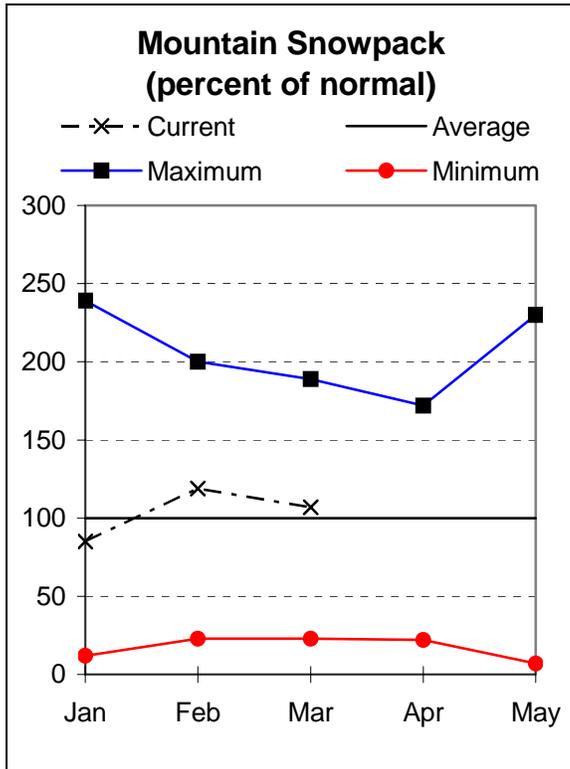
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# UMATILLA, WALLA WALLA, WILLOW ROCK, AND LOWER JOHN DAY BASINS

March 1, 2006



## Water Supply Outlook

March 1 snow pack in the Umatilla, Walla Walla, Willow, Rock and Lower John Day basins was 107 percent of average, down from 118 percent on February 1. February was much drier than normal with only 57 percent of average precipitation. Since the beginning of the water year, precipitation in these basins has been 106 percent of average.

Cold Springs and McKay reservoirs are reporting a combined storage that is 58 percent of average for the end of February. Streamflows throughout the basin are forecast to experience near average conditions for the period April through September. The March through July forecast for Willow Creek Lake is 86 percent of average. The March through July forecast for Rhea creek near Heppner is 88 percent of average. Water supplies should be sufficient for most water users in the basin this coming summer.

For more information contact your local  
 Natural Resources Conservation Service Office  
 Pendleton - (541) 278-8049; Heppner - (541) 676-5021; Condon - (541) 384-2671

UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS  
Streamflow Forecasts - March 1, 2006

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)	
BUTTER CK nr Pine City	MAR-JUL	6.7	10.5	13.0	87	15.5	19.3	15.0
COUSE CREEK near Milton-Freewater	MAR-JUL	6.2	6.9	7.3	120	7.7	8.4	6.1
	APR-JUL	3.8	4.4	4.8	120	5.2	5.8	4.0
MCKAY near Pilot Rock	APR-SEP	14.3	24	30	111	36	46	27
PINE CREEK near Weston	MAR-JUL	4.4	5.0	5.4	108	5.8	6.4	5.0
	APR-JUL	2.6	2.9	3.2	107	3.5	3.8	3.0
RHEA CREEK near Heppner	MAR-JUL	7.0	8.5	9.5	88	10.5	12.0	10.8
ROCK CREEK above Whyte	MAR-JUL	7.4	17.9	25	104	32	43	24
UMATILLA near Gibbon	MAR-SEP	88	102	112	106	122	136	106
	APR-JUL	54	68	77	106	86	100	73
	APR-SEP	61	75	84	106	93	107	79
UMATILLA at Pendleton	MAR-SEP	159	195	220	96	245	280	230
	APR-JUL	93	126	148	99	170	205	149
	APR-SEP	99	132	154	99	176	211	155
SF WALLA WALLA near Milton-Freewater	MAR-SEP	74	82	87	107	92	100	81
	APR-SEP	61	67	72	108	77	83	67
WILLOW CREEK LAKE INFLOW	MAR-JUL	4.0	6.9	8.9	86	10.9	13.8	10.4
	APR-JUL	2.2	4.5	6.0	86	7.5	9.8	7.0

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 February					Watershed Snowpack Analysis - March 1, 2006			
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	16.7	8.9	29.5	Walla Walla River	3	384	112
MCKAY	73.8	26.1	23.7	44.6	Umatilla River	7	347	108
WILLOW CREEK	1.8	0.5	0.3	---	McKay Creek	4	416	96

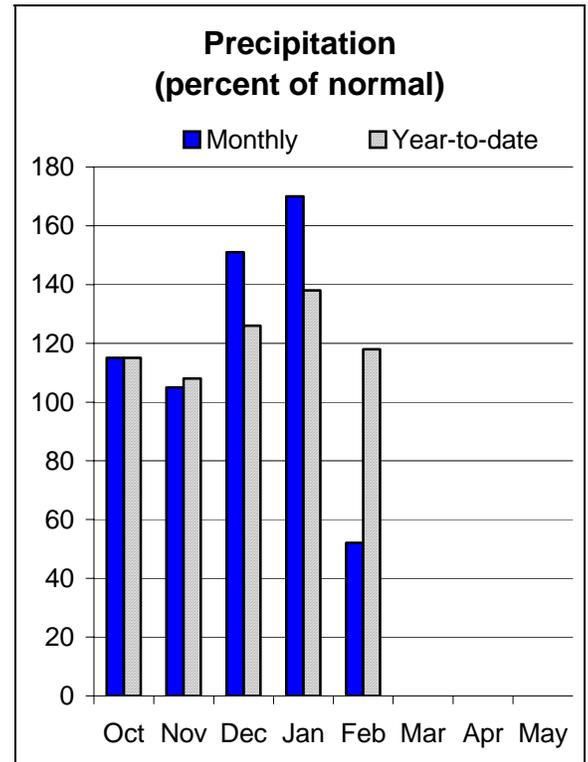
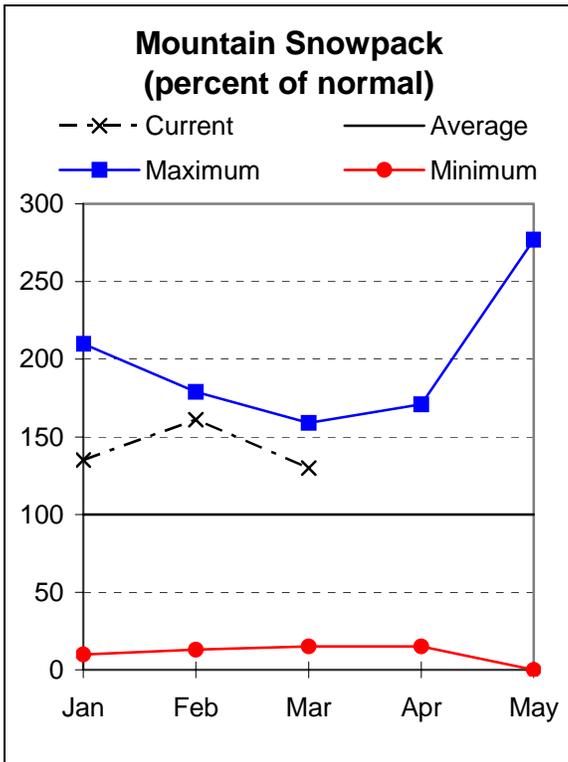
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Pendleton - (541) 278-8049; Heppner - (541) 676-5021; Condon - (541) 384-2671**

# UPPER JOHN DAY BASIN

March 1, 2006



## Water Supply Outlook

March 1 snow pack in the Upper John Day basin was 130 percent of average, down from 160 percent on February 1. February was much drier than normal with only 52 percent of average precipitation. Since the beginning of the water year, precipitation in the Upper John Day has been 118 percent of average.

The April through September streamflow forecasts range from 115 percent of average for the Middle Fork John Day at Ritter to 126 percent of average for Strawberry Creek near Prairie City. The March for July forecasts range from 77 percent of average for Camas Creek near Ukiah to 162 percent of average for Mountain Creek near Mitchell. Water supplies are anticipated to be sufficient for most water users in the Upper John Day this coming summer.

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

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UPPER JOHN DAY BASIN  
Streamflow Forecasts - March 1, 2006

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Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		===== Wetter =====>>				
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
CAMAS CREEK nr Ukiah	MAR-JUL	27	35	40	77	45	53	52
MF JOHN DAY at Ritter	MAR-JUL	134	163	183	115	204	234	159
	APR-SEP	105	130	147	115	164	189	128
NF JOHN DAY at Monument	MAR-JUL	620	760	860	109	960	1100	790
	APR-SEP	480	600	680	111	760	880	615
MOUNTAIN CREEK near Mitchell	MAR-JUL	7.6	9.0	9.9	162	10.8	12.2	6.1
STRAWBERRY CREEK nr Prairie City	MAR-JUL	7.2	8.4	9.2	124	10.0	11.2	7.4
	APR-SEP	7.7	9.0	9.8	126	10.6	11.9	7.8

UPPER JOHN DAY BASIN Reservoir Storage (1000 AF) - End of February					UPPER JOHN DAY BASIN Watershed Snowpack Analysis - March 1, 2006			
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	261	113
					John Day above Dayville	4	269	138

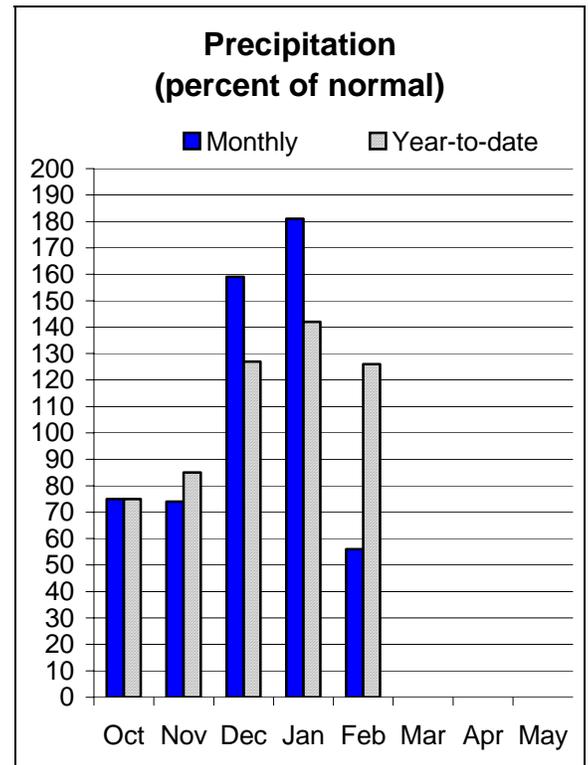
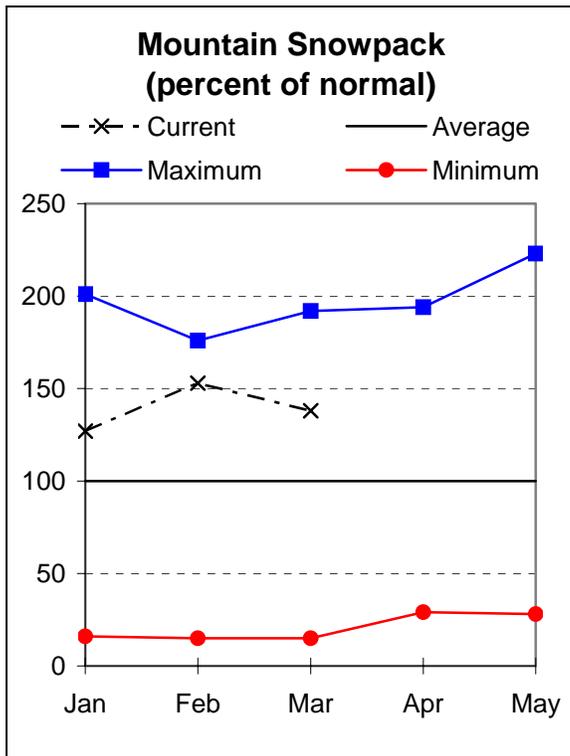
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**For more information contact your local  
Natural Resources Conservation Service Office  
John Day - (541) 575-0135**

# UPPER DESCHUTES AND CROOKED BASINS

March 1, 2006



## Water Supply Outlook

While January 2006 saw nearly twice the normal precipitation in the Upper Deschutes and Crooked rivers, February turned around and produced only 56 percent of the normal precipitation. As of March 1, the snow pack in the Upper Deschutes and Crooked river basins is a comfortable 138 percent of average. Since the beginning of the water year, precipitation in the Upper Deschutes and Crooked river basins has been 126 percent of average.

Crane Prairie, Crescent Lake, Ochoco, Prineville and Wickiup reservoirs are reporting a combined storage that is 86 percent of average at the end of February. April through September streamflows for the Upper Deschutes and Crooked rivers are forecast to be at or above normal for all forecast points. April through September streamflow forecasts range from 104 percent of average for Wickiup reservoir inflow to 149 percent of average for Prineville reservoir inflow. Water supplies are anticipated to be sufficient for all water users this coming summer.

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

UPPER DESCHUTES AND CROOKED BASINS  
Streamflow Forecasts - March 1, 2006

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)
BEAVER CREEK near Paulina	APR-SEP	26	31	35	130	39	44	27
	MAR-JUL	58	65	70	132	75	82	53
CRANE PRAIRIE RESERVOIR INFLOW	APR-JUL	64	70	74	125	78	84	59
	APR-SEP	101	110	117	126	124	133	93
	MAR-JUL	73	80	85	125	90	97	68
	MAR-SEP	110	121	128	126	135	146	102
CRESCENT CREEK near Crescent	APR-JUL	19.0	22	24	140	26	29	17.2
	APR-SEP	23	26	29	138	32	36	21
	MAR-JUL	22	26	28	140	30	34	20
	MAR-SEP	26	30	33	138	36	40	24
DESCHUTES below Bend (2)	AUG-SEP	138	164	181	108	198	224	168
DESCHUTES at Benham Falls	APR-JUL	350	370	380	109	390	410	350
	APR-SEP	540	565	580	111	595	620	525
	MAR-JUL	430	455	470	109	485	510	430
	MAR-SEP	615	645	665	110	685	715	605
DESCHUTES below Snow Creek	APR-JUL	32	36	39	118	42	46	33
	APR-SEP	57	65	71	120	77	85	59
	MAR-JUL	37	42	45	115	48	53	39
	MAR-SEP	63	72	78	120	84	93	65
LITTLE DESCHUTES near La Pine	APR-JUL	79	91	99	139	107	119	71
	APR-SEP	89	102	111	139	120	133	80
	MAR-JUL	98	111	120	138	129	142	87
	MAR-SEP	108	123	133	139	143	158	96
NF CROOKED blw Lookout Ck	MAR-JUL	17.0	20	23	173	26	30	13.3
OCHOCO RESERVOIR INFLOW	APR-JUL	19.0	26	31	141	36	43	22
	APR-SEP	19.0	26	31	141	36	43	22
	MAR-JUL	39	46	51	146	56	63	35
	MAR-SEP	39	46	51	146	56	63	35
PRINEVILLE RESERVOIR INFLOW	APR-JUL	95	131	161	149	195	252	108
	APR-SEP	102	138	162	149	186	221	109
	MAR-JUL	192	239	275	150	314	378	184
	MAR-SEP	190	240	275	149	310	360	185
SQUAW CREEK near Sisters	APR-JUL	36	40	42	117	44	48	36
	APR-SEP	48	52	55	112	58	62	49
TUMALO CREEK near Bend	APR-JUL	33	38	41	111	44	49	37
	APR-SEP	39	46	50	111	54	61	45
WICKIUP RESERVOIR INFLOW	APR-JUL	163	168	172	101	176	181	171
	APR-SEP	280	290	295	104	300	310	285
	MAR-JUL	193	200	205	100	210	216	205
	MAR-SEP	310	320	325	102	330	340	320

UPPER DESCHUTES AND CROOKED BASINS  
Reservoir Storage (1000 AF) - End of February

UPPER DESCHUTES AND CROOKED BASINS  
Watershed Snowpack Analysis - March 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CRANE PRAIRIE	55.3	39.3	34.9	41.9	Crooked, Ochoco	4	197	149
CRESCENT LAKE	86.9	23.0	30.3	52.3	Deschutes above Wickiup	3	257	138
OCHOCO	47.5	30.5	27.5	25.8	Little Deschutes	4	267	146
PRINEVILLE	153.0	87.4	95.8	102.7	Tumalo and Squaw Creeks	4	633	137
WICKIUP	200.0	164.1	168.6	176.0				

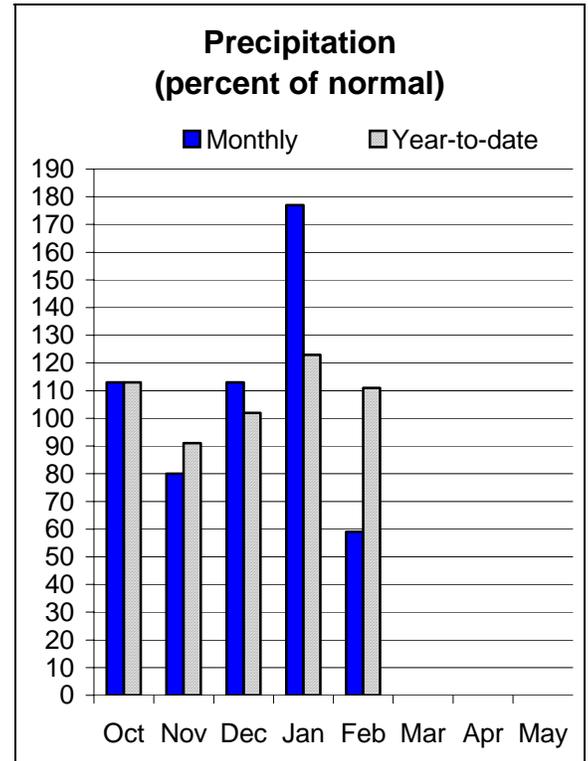
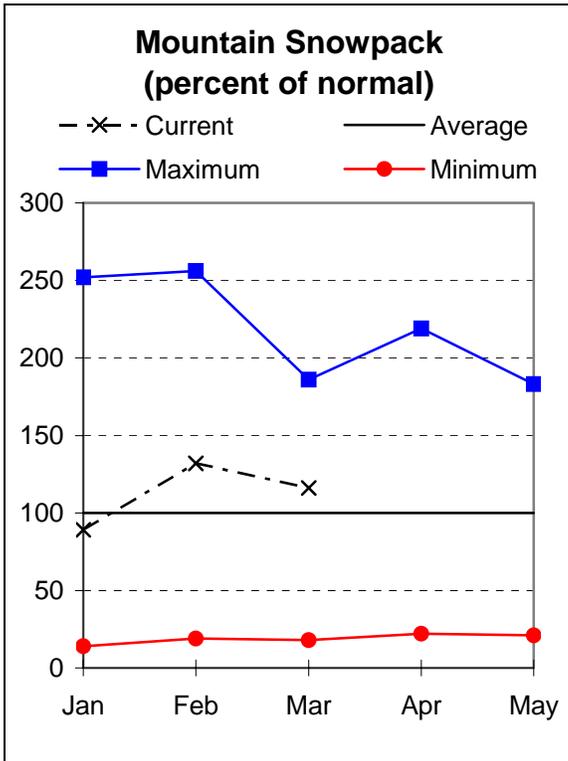
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**For more information contact your local  
Natural Resources Conservation Service Office  
Redmond (541) 923-4358**

# HOOD, MILE CREEKS, AND LOWER DESCHUTES BASINS

March 1, 2006



## Water Supply Outlook

Following a very wet January, the month of February was much drier than average in the Hood, Mile Creeks and Lower Deschutes basins. February precipitation was only 59 percent of average. On March 1, the snow pack was 116 percent of average. Since the beginning of the water year, the Hood, Mile Creeks and Lower Deschutes have received 111 percent of their average precipitation.

Clear Lake reservoir in Wasco County is reporting a storage level of 51 percent of average at the end of February. April through September streamflow forecasts range from 106 percent of average for the West Fork Hood River near Dee to 111 percent of average for the White river below Tygh Valley. Water supplies are anticipated to be sufficient for all water users this coming summer.

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

HOOD, MILE CREEKS AND LOWER DESCHUTES BASINS  
Streamflow Forecasts - March 1, 2006

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		===== Wetter =====>>				
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
HOOD at Tucker Bridge	APR-JUL	194	221	240	105	259	286	228
	APR-SEP	241	270	290	107	310	339	271
WF HOOD near Dee	APR-JUL	98	114	125	103	136	152	121
	APR-SEP	122	139	150	106	161	178	141
WHITE below Tygh Valley	APR-JUL	96	112	122	111	132	148	110
	APR-SEP	112	127	138	111	149	164	124

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

HOOD, MILE CREEKS AND LOWER DESCHUTES BASINS  
Watershed Snowpack Analysis - March 1, 2006

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	2.2	0.0	4.3	Hood River	7	541	117
					Mile Creeks	1	272	110
					White River	3	450	118

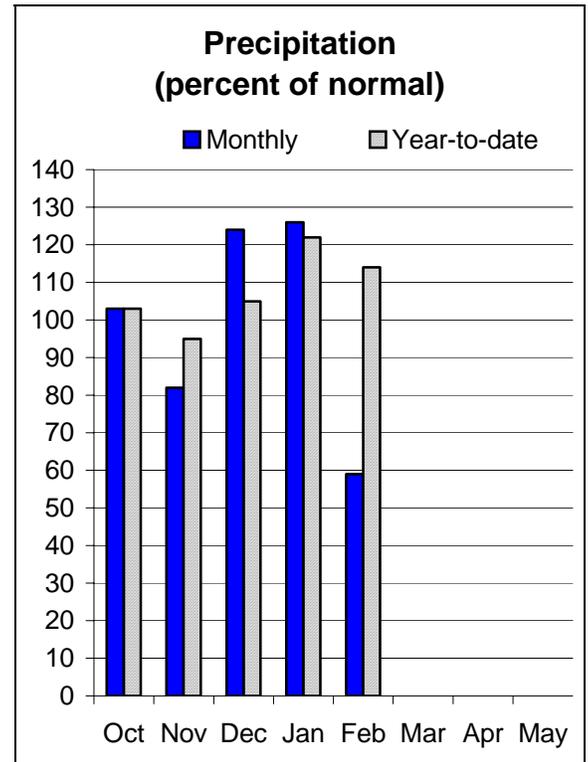
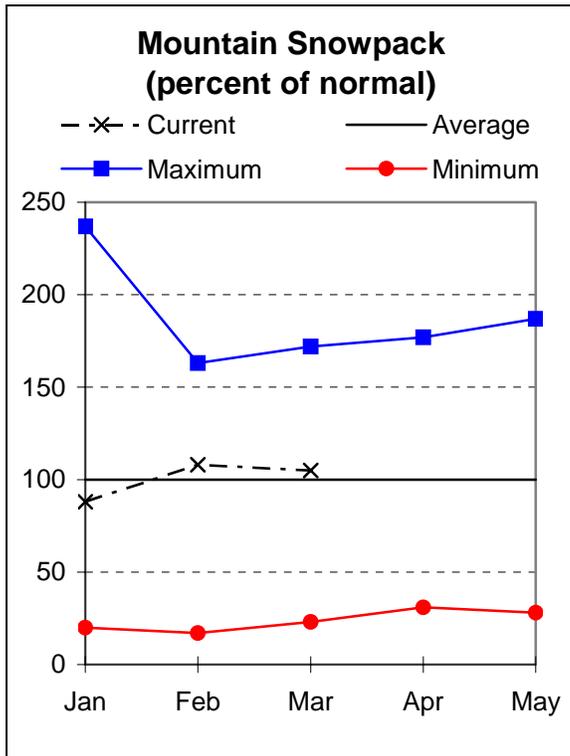
\* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

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

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

# LOWER COLUMBIA BASIN

March 1, 2006



## Water Supply Outlook

On March 1, the combined Columbia Basin snow pack above The Dalles was 105 percent of average. This compares to 59 percent of average last year and 108 percent of average on February 1. Since the beginning of the water year, the Columbia basin has received 114 percent of its average precipitation.

The April through September forecast for the Columbia River at The Dalles is 98 percent of average. The April through September streamflow forecast for the Sandy river near Marmot is 107 percent of average. Water supplies are anticipated to be sufficient for all water users in the Lower Columbia this coming season.

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

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LOWER COLUMBIA BASIN  
Streamflow Forecasts - March 1, 2006

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Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		===== Wetter =====>>				
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
COLUMBIA R. at The Dalles (2)	APR-JUL	67141	76405	82700	98	88990	98260	84600
	APR-SEP	83088	91193	96700	98	102210	110310	98600
SANDY near Marmot	APR-JUL	263	306	335	107	364	407	313
	APR-SEP	314	359	390	107	421	466	363

LOWER COLUMBIA BASIN Reservoir Storage (1000 AF) - End of February					LOWER COLUMBIA BASIN Watershed Snowpack Analysis - March 1, 2006			
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	465	115

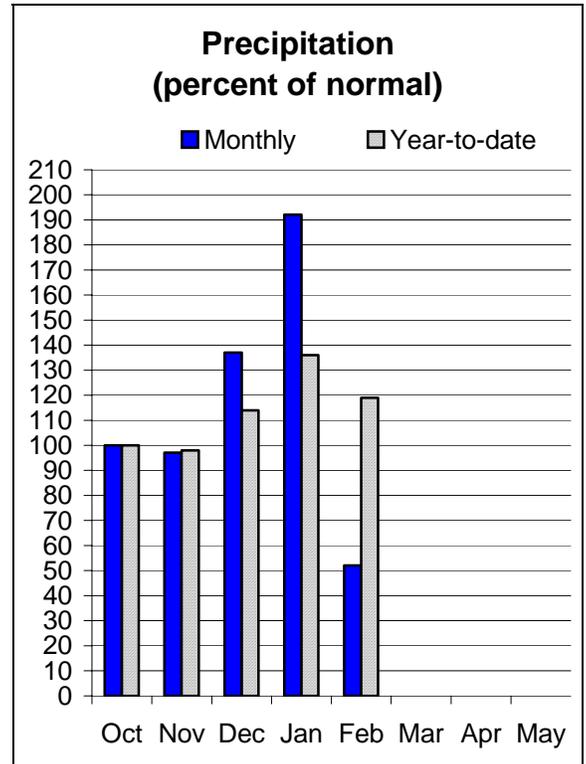
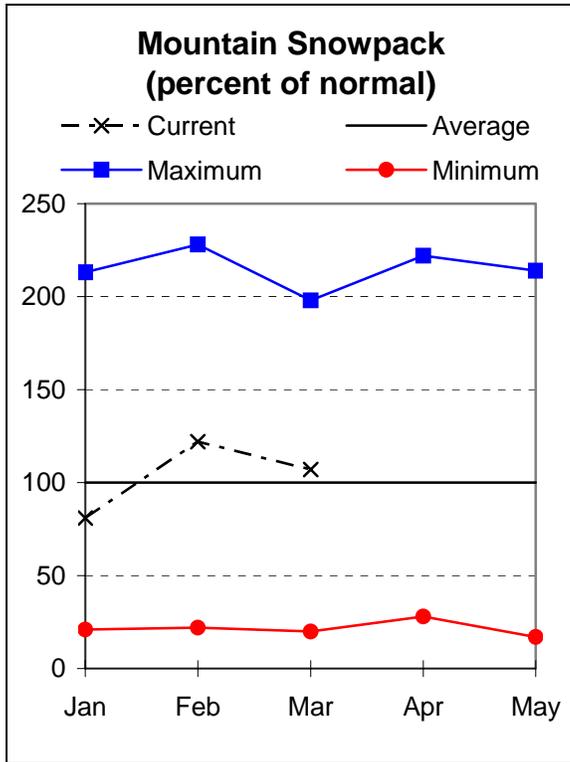
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- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
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**For more information contact your local  
Natural Resources Conservation Service Office  
Oregon City - (503) 656-3499**

# WILLAMETTE BASIN

March 1, 2006



## Water Supply Outlook

In January 2006, the Willamette basin received nearly twice the normal monthly precipitation. In February, only half the normal amount of precipitation fell in the Willamette basin. As of March 1, the snow pack in the Willamette basin was 107 percent of normal. Since the beginning of the water year the Willamette basin has been 119 percent of average.

Storage at Timothy Lake and Henry Hagg Lake reservoirs at the end of February was 105 percent of average. Stream flows in the main stem Willamette tributaries are forecast to flow at near average conditions this coming summer. April through September forecasts range from 93 percent of average for Green Peter Lake inflow to 118 percent of average for Lookout Point Lake inflow. Water supplies are expected to be sufficient for water users this coming summer.

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

WILLAMETTE BASIN  
Streamflow Forecasts - March 1, 2006

Forecast Point	Forecast Period	Future Conditions				Wetter		30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
BLUE RIVER LAKE INFLOW (1,2)	MAR-MAY	77	110	125	111	140	173	113
	APR-SEP	50	76	88	102	100	126	86
CLACKAMAS at Estacada (2)	APR-JUL	546	635	695	109	755	844	640
	APR-SEP	653	746	810	108	874	967	748
CLACKAMAS above Three Lynx (2)	APR-JUL	444	504	545	115	586	646	474
	APR-SEP	537	601	645	115	689	753	562
COTTAGE GROVE LAKE INFLOW (1,2)	MAR-MAY	39	58	67	112	76	95	60
	APR-SEP	18.2	38	47	109	56	76	43
COUGAR LAKE INFLOW (1,2)	MAR-MAY	151	205	230	109	255	309	212
	APR-SEP	181	228	250	109	272	319	230
DETROIT LAKE INFLOW (1,2)	MAR-MAY	385	505	560	104	615	735	540
	APR-JUL	366	482	535	101	588	704	528
	APR-SEP	432	555	610	99	665	788	616
DORENA LAKE INFLOW (1,2)	MAR-MAY	116	177	205	113	233	294	182
	APR-SEP	59	115	140	115	165	221	122
FALL CREEK LAKE INFLOW (1,2)	MAR-MAY	101	141	160	114	179	219	140
FERN RIDGE LAKE INFLOW (1,2)	MAR-MAY	62	101	118	110	135	174	107
	APR-SEP	11.9	16.2	30	111	44	74	27
FOSTER LAKE INFLOW (1,2)	MAR-MAY	347	535	620	101	705	893	613
	APR-JUL	252	416	490	100	564	728	490
	APR-SEP	285	450	525	100	600	765	527
GREEN PETER LAKE INFLOW (1,2)	MAR-MAY	245	365	420	101	475	595	417
	APR-JUL	163	267	315	96	363	467	327
	APR-SEP	178	283	330	93	377	482	354
HILLS CREEK LAKE INFLOW (1,2)	MAR-MAY	273	354	390	135	426	507	288
	APR-JUL	216	288	320	116	352	424	277
	JUN-OCT	135	166	180	110	194	225	164
	APR-SEP	279	345	375	117	405	471	320
LITTLE NORTH SANTIAM (1)	APR-JUL	68	111	130	98	149	192	133
	APR-SEP	75	120	140	98	160	205	143
LOOKOUT POINT LAKE INFLOW (1,2)	MAR-MAY	683	867	950	125	1033	1217	759
	APR-JUL	550	736	820	113	904	1090	726
	JUN-OCT	316	401	440	110	479	564	402
	APR-SEP	713	897	980	118	1063	1247	828
McKENZIE below Trail Bridge (2)	APR-JUL	242	265	280	105	295	318	266
	APR-SEP	364	391	410	102	429	456	404
McKENZIE near Vida (1,2)	APR-JUL	756	945	1030	105	1115	1304	977
	APR-SEP	960	1160	1250	104	1340	1540	1201
MOHAWK near Springfield	MAR-JUL	83	117	140	105	163	197	134
OAK GROVE FORK above Power Intake	APR-JUL	135	150	160	123	170	185	130
	APR-SEP	171	188	200	120	212	229	167
NORTH SANTIAM at Mehama (1,2)	APR-JUL	464	640	720	98	800	976	732
	APR-SEP	552	736	820	98	904	1088	834
SOUTH SANTIAM at Waterloo (2)	APR-JUL	342	466	550	100	634	758	549
	APR-SEP	382	506	590	101	674	798	587
SCOGGINS CREEK near Gaston (2)	MAR-JUL	20	25	28	108	31	36	26
THOMAS CREEK near Scio	MAR-JUL	74	102	120	99	138	166	121
MF WILLAMETTE below NF (1,2)	JUN-OCT	321	396	430	110	464	539	391
	APR-JUL	565	733	810	116	887	1055	698
	MAR-MAY	679	858	940	130	1022	1201	725
	APR-SEP	703	863	935	117	1007	1167	798
WILLAMETTE at Salem (1,2)	MAR-MAY	3747	5021	5600	104	6179	7453	5401
	APR-JUL	2807	3971	4500	104	5029	6193	4347
	APR-SEP	3286	4430	4950	103	5470	6614	4804

**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

WILLAMETTE BASIN Reservoir Storage (1000 AF) - End of February					WILLAMETTE BASIN Watershed Snowpack Analysis - March 1, 2006			
Reservoir	Usable Capacity	*** Usable Storage This Year	*** Usable Storage Last Year	*** Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	% of Average
BLUE RIVER **	85.5	34.6	19.1	31.9	Clackamas River	5	522	125
COTTAGE GROVE **	29.8	9.6	3.6	10.2	McKenzie River	5	361	110
COUGAR **	155.2	57.7	0.0	114.3	Row River	1	5500	79
DETROIT **	300.7	118.1	57.9	141.8	Santiam River	6	478	92
DORENA **	70.5	21.5	5.8	26.7	Willamette, Middle Fork	6	329	121
FALL CREEK **	115.5	50.1	14.8	40.5				
FERN RIDGE **	109.6	4.0	0.0	45.5				
FOSTER **	29.7	5.8	6.2	9.6				
GREEN PETER **	268.2	117.9	60.9	173.2				
HILLS CREEK **	200.2	101.5	20.4	119.0				
LOOKOUT POINT **	337.0	156.6	42.2	116.8				
TIMOTHY LAKE	61.7	30.3	57.1	51.5				
HENRY HAGG LAKE	53.0	45.7	39.2	45.4				

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

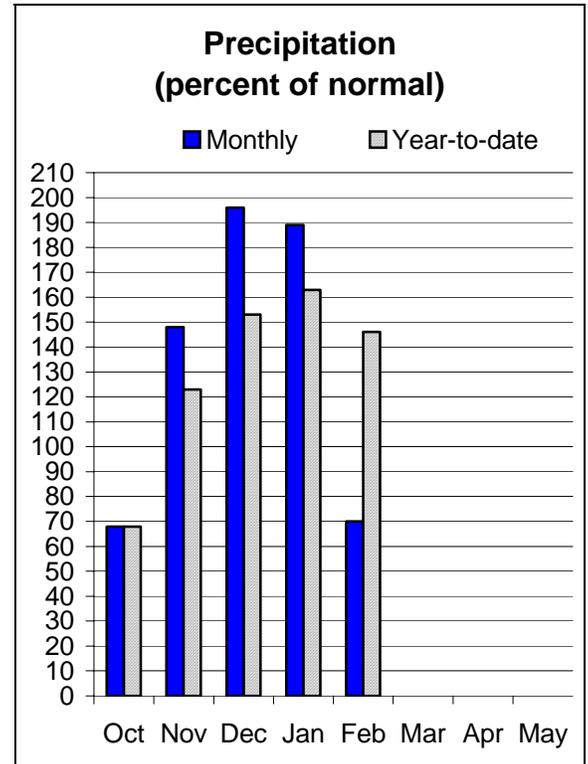
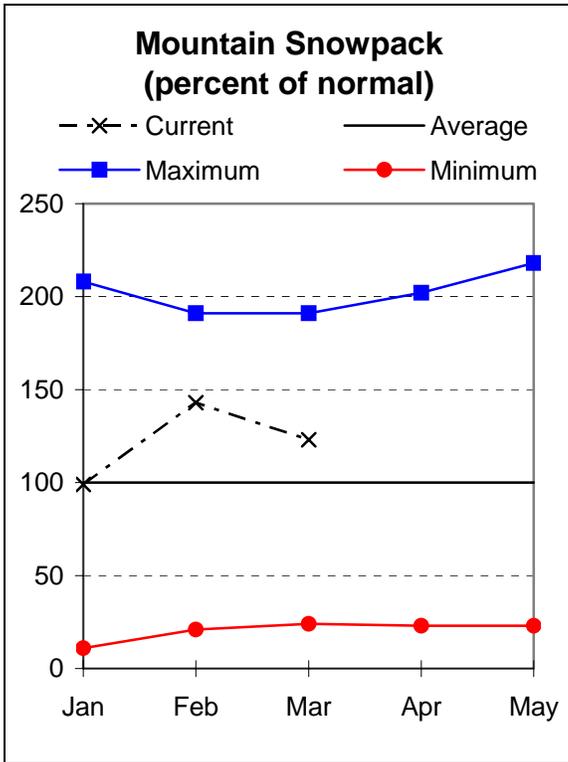
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# ROGUE AND UMPQUA BASINS

March 1, 2006



## Water Supply Outlook

As of March 1, the snow pack in the Rogue and Umpqua basins was 123 percent of average, down from 141 percent on February 1. Total precipitation for the month of February was 70 percent of normal, compared to 192 percent in January. Since the beginning of the water year, the Rogue and Umpqua basins have received 146 percent of average precipitation.

Combined storage at Emigrant, Fish, and Fourmile lakes, Howard Prairie and Hyatt Prairie reservoirs was 120 percent of average at the end of February. April through September streamflow forecasts range from 109 percent of average for the Clearwater above Trap Creek to 134 percent of average for the South Fork Little Butte Creek near Lakecreek. Elsewhere, the Illinois near Kerby April through September streamflow forecast is 116 percent of average. The Rogue above Prospect is forecast to flow at 117 percent of average for the same period. All streamflow forecasts project average or above average conditions for the coming summer. Water supplies are anticipated to be sufficient for all water users this coming summer.

For more information contact your local  
 Natural Resources Conservation Service Office  
 Roseburg - (541) 673-8316; Medford - (541) 776-4267

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ROGUE AND UMPQUA BASINS  
Streamflow Forecasts - March 1, 2006

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Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		===== Wetter =====>>				
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
APPLEGATE LAKE Net Inflow (2)	APR-JUL	111	131	145	130	159	179	112
	APR-SEP	120	141	155	130	169	190	119
SF BIG BUTTE CK nr Butte Falls	APR-JUL	33	39	43	127	47	54	34
CLEARWATER above Trap Creek (2)	APR-SEP	59	67	73	109	79	87	67
COW CREEK near Azalea	MAR-JUL	22	29	34	117	39	46	29
	APR-JUL	11.4	15.9	19.0	115	22	27	16.5
	APR-SEP	13.4	17.9	21	119	24	29	17.7
FOURMILE LAKE net Inflow (2)	APR-JUL	5.1	6.2	7.0	121	7.8	8.9	5.8
	APR-SEP	6.1	7.2	8.0	113	8.8	9.9	7.1
GRAVE CREEK at Pease Bridge	MAR-JUL	8.7	13.0	16.0	117	19.0	23	13.7
HYATT PRAIRIE RES net Inflow (2)	APR-JUL	3.2	4.6	5.5	115	6.4	7.8	4.8
ILLINOIS R near Kerby	APR-JUL	135	179	210	117	241	285	179
	APR-SEP	141	185	215	116	245	289	186
NF LITTLE BUTTE CK nr Lakecreek (2)	APR-SEP	13.9	16.4	18.0	134	19.6	22	13.4
SF LITTLE BUTTE CK nr Lakecreek (2)	APR-SEP	19.3	32	41	128	50	63	32
LOST CREEK LAKE INFLOW (2)	APR-JUL	563	624	665	126	706	767	530
	APR-SEP	727	794	840	126	886	953	665
	MAR-JUL	752	828	880	128	932	1008	690
	MAR-SEP	911	994	1050	127	1106	1189	825
RED BLANKET CK nr Prospect	APR-JUL	30	37	42	124	47	54	34
ROGUE above Prospect	APR-JUL	233	264	285	116	306	337	245
	APR-SEP	291	326	350	117	374	409	300
SF ROGUE near Prospect (2)	APR-JUL	57	65	70	121	75	83	58
	APR-SEP	68	77	83	119	89	98	70
ROGUE R at Raygold (2)	APR-JUL	720	818	885	121	952	1050	730
	APR-SEP	904	1009	1080	121	1151	1256	890
ROGUE R at Grants Pass (2)	APR-JUL	803	897	960	130	1023	1117	740
	APR-SEP	973	1072	1140	129	1208	1307	885
SUCKER CK blw Little Grayback	APR-JUL	47	59	67	129	75	87	52
	APR-SEP	50	63	71	127	79	92	56
NORTH UMPQUA nr Toketee Falls (2)	APR-SEP	149	166	178	118	190	207	151
NORTH UMPQUA at Winchester	APR-JUL	694	835	930	117	1025	1166	795
SOUTH UMPQUA near Brockway	APR-JUL	244	367	450	113	533	656	400
SOUTH UMPQUA at Tiller	APR-JUL	149	194	225	117	256	301	193
	APR-SEP	165	209	240	117	271	315	205

ROGUE AND UMPQUA BASINS Reservoir Storage (1000 AF) - End of February					ROGUE AND UMPQUA BASINS Watershed Snowpack Analysis - March 1, 2006			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
APPLEGATE	75.2	21.2	16.7	27.3	Applegate River	6	163	113
EMIGRANT LAKE	39.0	31.6	25.4	28.0	Bear Creek	5	164	120
FISH LAKE	8.0	4.0	3.9	5.6	Butte Creek	6	297	124
FOURMILE LAKE	16.1	5.5	2.9	9.4	Illinois River	5	163	78
HOWARD PRAIRIE	60.0	57.4	33.0	41.2	North Umpqua River	9	460	110
HYATT PRAIRIE	16.1	16.1	12.9	11.0	Rogue River	23	239	128
LOST CREEK **	315.0	91.8	191.1	218.2				

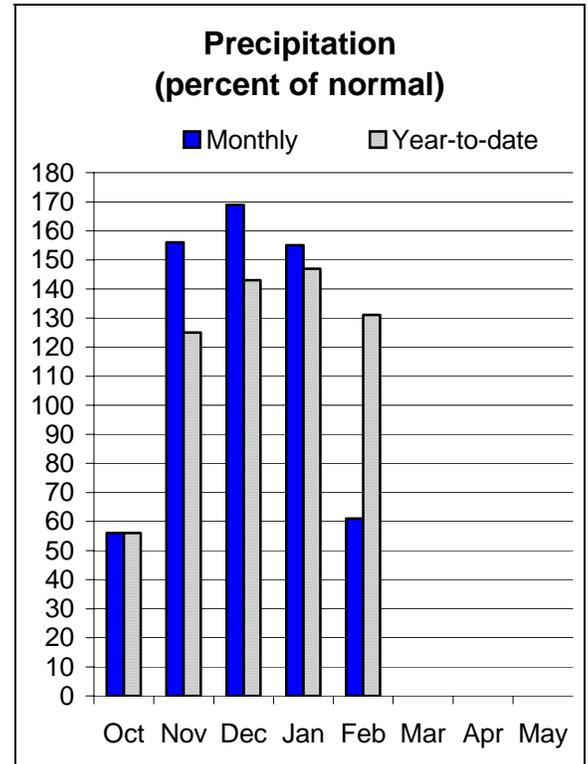
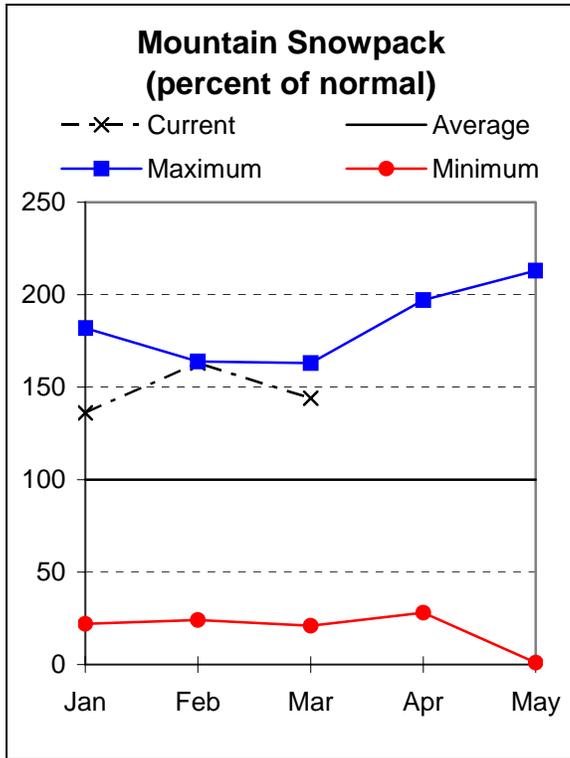
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**For more information contact your local  
Natural Resources Conservation Service Office  
Roseburg - (541) 673-8316; Medford - (541) 776-4267**

# KLAMATH BASIN

March 1, 2006



## Water Supply Outlook

On March 1 the snow pack in the Klamath basin was 144 percent of average, the highest in the state. Last month, the February 1 snowpack was 173 percent of average. Very little snow fell during February, resulting in the large reduction in snow pack average. Precipitation since the beginning of the water year has been 131 percent of average in the Klamath basin.

Combined storage in Clear Lake (CA), Gerber reservoir and Upper Klamath Lake was 94 percent of average at the end of February. Streamflow forecasts project above average inputs for all points in the Klamath basin in Oregon for this coming summer. April through September streamflow forecasts range from 139 percent of average for the Williamson near Chiloquin to 147 percent of average for the net inflow to Clear Lake. Water supplies are projected to be sufficient for all water users this coming summer in the Klamath basin of Oregon.

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

KLAMATH BASIN  
Streamflow Forecasts - March 1, 2006

Forecast Point	Forecast Period	<<==== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)		
		90% (1000AF)		70% (1000AF)		Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)			30% (1000AF)	10% (1000AF)
CLEAR LAKE NET INFLOW (2)	MAR-JUL	81	101	115	144	129	149	80		
	APR-JUL	39	51	60	146	69	81	41		
	APR-SEP	48	61	70	147	79	92	48		
GERBER RESERVOIR Net Inflow (2)	MAR-JUL	29	40	48	130	56	68	37		
	APR-SEP	9.6	18.2	24	135	30	38	17.8		
Sprague River near Chiloquin	MAR-JUL	299	353	390	142	427	481	275		
	APR-SEP	250	295	325	141	355	400	230		
UPPER KLAMATH LAKE NET INFLOW (1)	MAR-JUL	643	806	880	141	954	1117	625		
	APR-SEP	536	659	715	139	771	894	515		
WILLIAMSON R near Chiloquin	MAR-JUL	538	587	620	141	653	702	441		
	APR-SEP	465	507	535	139	563	605	385		

Reservoir	KLAMATH BASIN Reservoir Storage (1000 AF) - End of February				KLAMATH BASIN Watershed Snowpack Analysis - March 1, 2006			
	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg	Watershed	Number of Data Sites	This Year as % of Last Yr	% of Average
CLEAR LAKE (CALIF)	513.3	163.0	69.2	224.2	Lost River	6	692	91
GERBER	94.3	67.6	19.1	54.5	Sprague River	7	192	157
UPPER KLAMATH LAKE	523.7	410.9	399.3	402.6	Upper Klamath Lake	17	277	150
					Williamson River	5	269	155

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

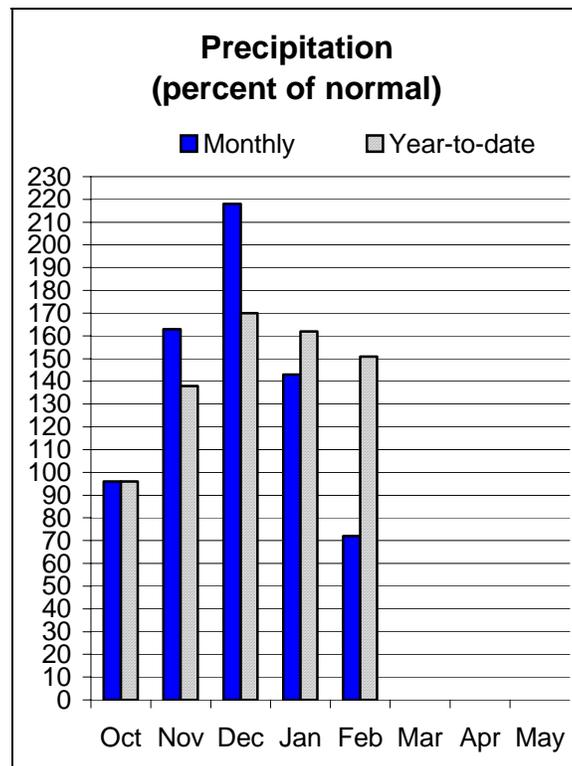
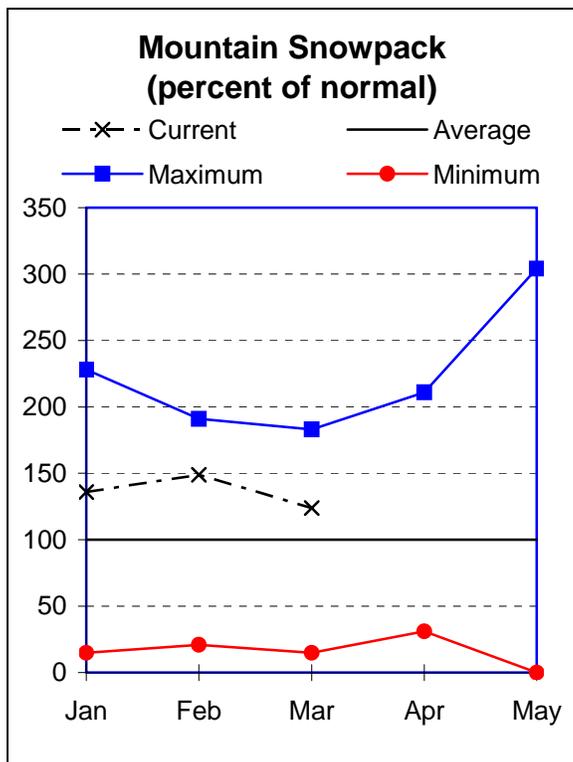
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**For more information contact your local  
Natural Resources Conservation Service Office  
Klamath Falls - (541) 883-6932**

# LAKE COUNTY AND GOOSE LAKE

March 1, 2006



## Water Supply Outlook

Following a slightly drier than normal February, The March 1 snow pack in Lake County and Goose Lake basins was 124 percent of average. Precipitation for the month of February was 72 percent in Lake County and Goose Lake basins. Since the beginning of the water year, Lake County and Goose Lake basins have received 151 percent of their normal precipitation, the highest value in the state.

Combined storage at Cottonwood, Drews and Thompson Valley reservoirs was 160 percent of average at the end of February. March through July streamflow forecasts range from 130 percent of average for Honey creek near Plush to 183 percent of average for Silver Creek near Silver Lake. The forecasted inflow for Drews reservoir, March through July, is 158 percent of average. Water supplies are projected to be sufficient for all water users this coming summer in Lake County and Goose Lake basin.

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

LAKE COUNTY AND GOOSE LAKE BASINS  
Streamflow Forecasts - March 1, 2006

Forecast Point	Forecast Period	Future Conditions					30-Yr Avg. (1000AF)	
		<<===== Drier =====>>		===== Wetter =====>>				
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	Chance Of Exceeding * (% AVG.)	30% (1000AF)		10% (1000AF)
BRIDGE CK nr Spahr Ranch	APR-JUL	4.0	5.0	5.6	175	6.2	7.2	3.2
CHEWAUCAN R nr Paisley	MAR-JUL	98	114	125	140	136	152	89
COTTONWOOD CK nr Lakeview (2)	MAR-JUL	14.0	15.8	17.0	160	18.2	20	10.6
DEEP CK abv Adel	MAR-JUL	91	106	116	138	126	141	84
DREWS RESERVOIR net Inflow (2)	MAR-JUL	43	51	57	158	63	72	36
HONEY CK nr Plush	MAR-JUL	17.9	23	26	130	29	34	20
SILVER CK nr Silver Lk	MAR-JUL	28	33	36	183	39	44	19.7
TWENTYMILE CK nr Adel	MAR-JUL	23	32	38	136	44	53	28

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

LAKE COUNTY AND GOOSE LAKE BASINS  
Watershed Snowpack Analysis - March 1, 2006

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	9.3	5.0	3.8	Chewaucan River	5	231	131
DREWS	63.0	63.5	8.6	37.5	Deep Creek	4	179	136
THOMPSON VALLEY	18.4	10.5	3.9	10.8	Drew Creek	5	212	116
					Honey Creek	3	245	139
					Silver Creek (Lake Co.)	4	204	189
					Twentymile Creek	6	164	128

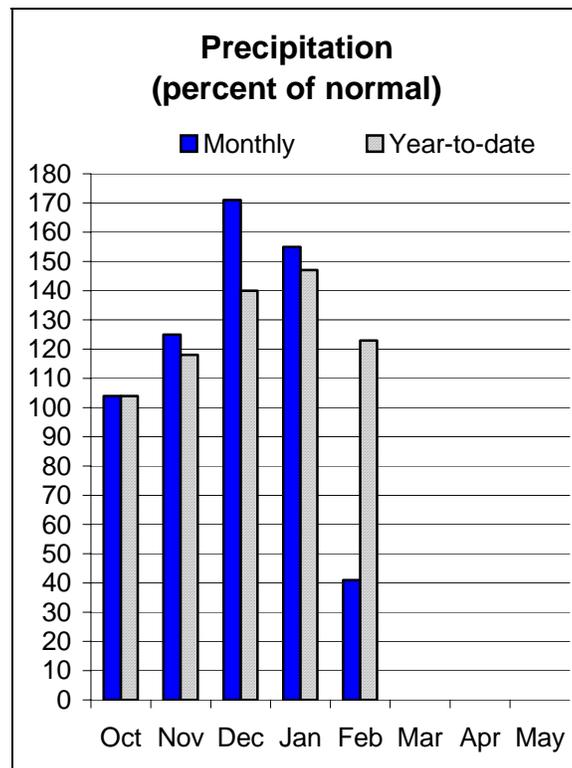
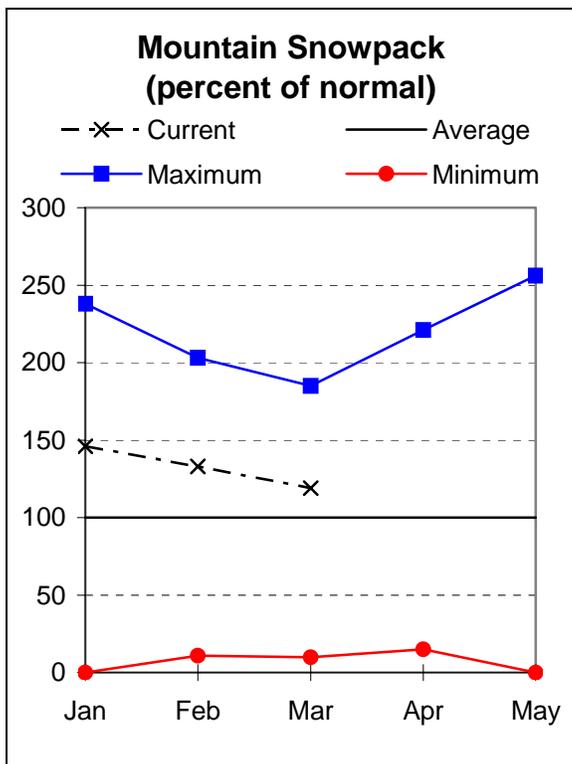
\* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

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

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

# HARNEY BASIN

March 1, 2006



## Water Supply Outlook

As of March 1, the snow pack in the Harney basin was 119 percent of average. Precipitation for the month of February was only 41 percent of average, the lowest percentage in the state. Since the beginning of the water year, the Harney basin has received 123 percent of its average precipitation.

Currently, all streamflow forecasts for the Harney Basin are above average. The April through September streamflow forecast for the Donner und Blitzen near Frenchglen is 116 percent of average. The Silvies River near Burns is forecast to be 152 percent of average for the same period. Water supplies are projected to be sufficient for all water users this coming summer in the Harney basin.

For more information contact your local  
 Natural Resources Conservation Service Office  
 Hines - (541) 573-6446

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HARNEY BASIN  
Streamflow Forecasts - March 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)	
DONNER und BLITZEN R nr Frenchglen	MAR-JUL	69	81	90	120	99	111	75
	APR-SEP	62	73	81	116	89	100	70
SILVER CK nr Riley	MAR-JUL	35	40	43	154	46	51	28
SILVIES R nr Burns	MAR-JUL	129	165	190	147	215	251	129
	APR-SEP	97	129	150	152	172	203	99
TROUT CK nr Denio	MAR-JUL	10.3	12.7	14.4	130	16.1	18.5	11.1
	APR-SEP	8.9	11.3	13.0	126	14.7	17.1	10.3

HARNEY BASIN Reservoir Storage (1000 AF) - End of February					HARNEY BASIN Watershed Snowpack Analysis - March 1, 2006			
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	6	216	102
					Silver Creek (Harney Co)	2	226	143
					Silvies River	6	270	145
					Trout Creek	4	161	113

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

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

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## LOW FLOW FORECASTS FOR OREGON

<b>OWYHEE AND MALHEUR BASINS</b>			
<i>FORECAST POINT</i>	<i>LOW FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Owyhee near Rome	2000	May 16	May 14
	1000	May 30	May 28
	500	June 15	June 11

<b>BURNT, POWDER, PINE, GRAND RONDE AND IMNAHA BASINS</b>			
<i>FORECAST POINT</i>	<i>LOW FLOW CFS</i>	<i>FORECAST DATE OF LOW FLOW</i>	<i>AVERAGE DATE OF LOW FLOW</i>
Eagle Creek above Skull Creek	225	July 30	July 25
	160	August 10	August 5
Catherine Creek near Union	50	August 1	Avg Value = 49 cfs
	100	July 9	July 9
	50	August 1	July 28
Powder near Sumpter	100	June 28	June 25
	20	June 24	July 22
Deer Creek above Phillips Resv near Sumpter	40	June 18	June 17
	10	July 7	July 6

<b>UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS</b>			
<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 16	May 17
SF Walla Walla near Milton	200	June 8	June 9
	105	August – September	Avg Value = 105 cfs

<b>UPPER JOHN DAY</b>			
<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 Creek	225	August 1	Avg Value = 212cfs

<b>UPPER DESCHUTES AND CROOKED BASINS</b>			
<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	360	May 28 (peak flow)	
	225	October 31	
Crooked River	100	June 8	June 1
Little Deschutes near LaPine	400	June 16	June 7
	200	July 16	July 8
Squaw Cr near Sisters	100	August 18	August 16
Tumalo Ck near Bend	235	June 25	June 23
	207	June 28	June 25
	150	July 8	July 5
	71	August 10	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	42*	July 15-31	39 cfs**
*Average cfs forecast to flow for this two-week period.			
** Average cfs for period of record			
White below Tygh Valley	200	July 5	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 near Azalea	20	July 8	July 4
	10	August 19	August 19
Little Butte Creek SF	100	May 22	May 15
South Umpqua near Brockway	90	September 1	August 28
South Umpqua at Tiller	140	July 18	July 12
	90	August 4	July 28
	60	August 28	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 Creek above Adel	100	June 26	June 21
Honey Creek near Plush	100	May 23	May 15
	50	June 9	May 30
Twentymile near Adel	50	June 4	June 2
	10	July 5	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 near Burns	400	May 12	May 5
	200	May 30	May 21
	100	June 15	June 9
	50	June 25	June 23
Donner und Blitzen	200	June 18	June 15
	100	July 8	July 5

## SUMMARY OF SNOW COURSE DATA

### March 2006

LOST - Data current as of:03/07/06 16:45:20

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
-----						
Oregon						
ALTHOUSE #2	4530	2/28/06	5	.9	.0	4.7
ALTHOUSE #3	5000	2/28/06	22	7.2	7.2	13.2
ANEROID LAKE SNOTEL	7410	3/01/06	82	21.8	9.3	21.0
ANNIE SPRING REV	6120	2/24/06	118	54.7	20.2	36.4
ANNIE SPRING SNOTEL	6010	3/01/06	136	52.6	19.3	--
ANTHONY LAKE	7130	2/27/06	69	20.9	12.1	21.8
ARBUCKLE MTN SNOTEL	5770	3/01/06	54	18.9	7.9	18.5
BALD PETER	5400	2/28/06	96	35.2	8.2	26.6
BARLEY CAMP AM	6900	2/24/06	57	20.0	12.2	14.9
BEAR FLAT MEADOW AM	5900	2/24/06	43	15.0	.0	11.1
BEAVER CREEK #1	4250	2/27/06	46	16.4	3.0	14.7
BEAVER CREEK #2	4250	2/27/06	36	11.8	1.2	9.8
BEAVER DAM CREEK	5100	2/29/06	38	15.8	7.0	11.4
BEAVER RES. SNOTEL	5150	3/01/06	33	13.9	5.5	8.6
BIG RED MTN SNOTEL	6050	3/01/06	72	25.7	16.3	22.5
BIGELOW CAMP SNOTEL	5120	3/01/06	24	9.9	4.1	12.7
BILLIE CK DVD SNOTEL	5300	3/01/06	74	28.8	6.7	21.4
BLAZED ALDER SNOTEL	3650	3/01/06	78	31.6	5.9	30.1
BLUE MTN SPGS SNOTEL	5900	3/01/06	61	22.3	6.7	15.7
BOULDER CREEK AM	5690	2/24/06	25	8.8	1.9	3.8
BOURNE SNOTEL	5850	3/01/06	---	16.1	5.7	16.6
BOWMAN SPRNGS SNOTEL	4530	3/01/06	---	8.3	3.3	9.1
BUCK PASTURE AM	5700	2/24/06	6	2.1	.0	2.4
BUCKSKIN LAKE AM	5200	2/24/06	0	.0	.0	.5
BULLY CREEK AM	5300	2/24/06	19	6.9	2.7	2.2
CALIBAN ALT	6500	2/25/06	77	29.0	19.4	25.2
CALL MEADOWS AM	5340	2/24/06	24	8.6	4.4	4.2
CAMAS CREEK #3	5850	2/25/06	53	18.8	8.4	11.9
CASCADE SUM. SNOTEL	5100	3/01/06	96	35.9	13.2	27.2
CHEMULT ALT SNOTEL	4850	3/01/06	41	15.1	5.6	8.1
CHILOQUIN	4190	2/23/06	7	3.0	--	1.1
CLACKAMAS LK. SNOTEL	3400	3/01/06	44	14.0	3.2	12.3
CLEAR LAKE SNOTEL	3810	3/01/06	47	15.2	1.4	13.2
COLD SPRINGS SNOTEL	5940	3/01/06	94	41.4	8.6	27.0
COLVIN CREEK AM	6550	2/24/06	12	4.2	.0	4.2
COUNTY LINE SNOTEL	4800	3/01/06	6	2.5	.3	4.6
COX FLAT AM	5750	2/24/06	12	4.2	2.2	7.1
CRAZYMEN FLAT AM	6100	2/24/06	31	9.6	4.3	9.1
CRAZYMEN FLAT SNOTEL	6180	3/01/06	68	21.4	11.4	--
CRYSTAL (BROWNS RCH)	4200	2/23/06	24	10.5	--	4.1
DALY LAKE SNOTEL	3690	3/01/06	30	11.6	.0	15.0
DEADHORSE GRADE	3700	2/28/06	15	6.1	.0	8.5
DEADWOOD JUNCTION	4600	2/27/06	17	6.8	3.1	6.9
DERR	5670	2/28/06	40	13.9	7.3	9.7
DERR SNOTEL	5850	3/01/06	59	21.2	11.7	13.7
DIAMOND LAKE SNOTEL	5320	3/01/06	42	17.2	1.6	15.0
DOG HOLLOW AM	4900	2/24/06	0	.0	.0	1.0
DOOLEY MOUNTAIN	5430	2/28/06	42	14.0	7.6	7.9
EAST EAGLE	4400	2/26/06	75	26.1	10.4	23.3
EILERTSON SNOTEL	5510	3/01/06	35	9.3	5.4	9.6
ELDORADO PASS	4600	2/28/06	21	8.0	2.7	3.4
EMIGRANT SPGS SNOTEL	3800	3/01/06	14	5.6	.3	5.7

SNOW COURSE		ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
FINLEY CORRALS	AM	6000	2/24/06	65	21.4	13.7	14.8
FISH CREEK	SNOTEL	7660	3/01/06	82	31.4	14.2	23.9
FISH LK.	SNOTEL	4670	3/01/06	---	10.7	1.9	11.1
FLAG PRAIRIE	AM	4750	2/24/06	34	12.6	4.8	4.5
FT. KLAMATH		4150	2/23/06	23	7.2	--	2.7
FOURMILE LAKE	SNOTEL	6000	3/01/06	99	34.0	10.9	27.1
GERBER		4850	2/27/06	3	1.2	.0	1.6
GERBER RES	SNOTEL	4850	3/01/06	4	1.9	.0	--
GOLD CENTER	SNOTEL	5410	3/01/06	41	17.3	6.0	10.3
GRAYBACK PEAK		6000	3/01/06	54	18.8	11.3	14.6
GREENPOINT	SNOTEL	3310	3/01/06	---	24.2	2.2	17.8
HARRIMAN LODGE		4200	2/23/06	18	8.0	--	3.5
HART MOUNTAIN	AM	6350	2/24/06	3	1.0	.0	2.0
HIGH PRAIRIE		6100	2/24/06	128	51.6	11.4	41.1
HIGH RIDGE	SNOTEL	4920	3/01/06	76	24.2	6.6	21.2
HOGG PASS	SNOTEL	4760	3/01/06	91	32.3	8.7	34.0
HOLLAND MDWS	SNOTEL	4900	3/01/06	47	16.5	.3	21.0
HOWARD PRAIRIE		4500	2/27/06	27	9.8	6.0	7.3
HUNGRY FLAT		4400	2/27/06	15	5.9	--	3.4
IRISH-TAYLOR	SNOTEL	5500	3/01/06	112	38.7	18.5	30.7
JUMP OFF JOE	SNOTEL	3520	3/01/06	32	11.1	2.0	11.4
KING MTN #1		4500	2/27/06	10	3.8	2.3	6.7
KING MTN #2	SNOTEL	4340	3/01/06	---	1.7	.0	3.8
KING MTN #3		3650	2/27/06	0	.0	.0	1.0
KING MTN #4		3050	2/27/06	0	.0	.0	.1
LAKE CK R.S.	SNOTEL	5200	3/01/06	42	15.2	4.1	11.6
LIONSHEAD	AM	5400	3/01/06	97	35.6	--	15.2
LITTLE ALPS		6200	2/27/06	42	13.4	6.4	11.1
LITTLE ANTONE (ALT)		5000	2/27/06	36	11.0	6.5	8.4
LITTLE MEADOW	SNOTEL	4000	3/01/06	70	26.8	7.6	22.8
LOOKOUT BUTTE	AM	5650	2/24/06	0	.0	.0	.3
LOUSE CANYON	AM	6440	2/24/06	11	3.5	1.8	5.8
LUCKY STRIKE	SNOTEL	4970	3/01/06	---	6.9	2.6	9.3
MADISON BUTTE	SNOTEL	5150	3/01/06	12	5.7	.8	4.8
MARION FORKS	SNOTEL	2600	3/01/06	16	6.3	2.7	10.2
MARKS CREEK		4540	2/24/06	16	5.3	3.1	3.2
MARY'S PEAK REV		3620	2/27/06	8	2.9	.0	5.8
MCKENZIE	SNOTEL	4800	3/01/06	101	44.8	15.9	37.5
MEACHAM		4300	2/28/06	29	10.4	1.3	8.5
MOSS SPRINGS	SNOTEL	5760	3/01/06	59	20.1	10.2	22.2
MT ASHLAND SWBK.		6400	2/25/06	81	30.7	19.8	27.2
MT HOOD		5400	2/28/06	149	60.5	15.1	53.9
MT HOOD TEST	SNOTEL	5400	3/01/06	141	53.8	12.2	48.4
MT HOWARD	SNOTEL	7910	3/01/06	53	16.2	7.9	12.8
MUD RIDGE	SNOTEL	4070	3/01/06	75	29.6	8.3	21.9
NEW CRESCENT	SNOTEL	4910	3/01/06	---	20.7	5.4	11.0
NEW DUTCHMAN #3		6400	2/23/06	137	54.2	2.1	46.1
NORTH FK RES	SNOTEL	3060	3/01/06	53	19.4	4.4	16.4
NORTH UMPQUA		4220	3/06/06	41	15.8	1.4	10.7
OCHOCO MEADOWS		5200	2/24/06	43	14.6	7.8	9.6
OCHOCO MEADOW	SNOTEL	5430	3/01/06	---	14.4	6.5	9.3
OREGON CANYON	AM	6950	2/24/06	21	7.4	4.2	5.5
PAGE MTN		4050	2/28/06	0	.0	.0	2.1
PARK H.Q. REV		6550	2/28/06	177	74.0	29.4	48.0
PASSAGEWAY	AM	4660	3/01/06	57	19.4	--	--
PATTON MEADOWS	AM	6800	2/24/06	69	22.8	15.5	15.1
PEAVINE RIDGE	SNOTEL	3420	3/01/06	44	18.4	1.9	13.2
PUEBLO SUMMIT	AM	6800	2/24/06	13	4.6	1.0	2.5

SNOW COURSE		ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
QUARTZ MTN	SNOTEL	5720	3/01/06	---	3.6	.0	2.6
RACING CREEK		4800	2/28/06	61	20.8	2.4	12.3
R.R. OVERPASS	SNOTEL	2680	3/01/06	0	.0	.0	.1
RED BUTTE #1		4560	2/23/06	28	10.0	1.9	10.2
RED BUTTE #2		4000	2/23/06	2	.7	.0	5.3
RED BUTTE #3		3500	2/23/06	4	1.4	.0	2.3
RED BUTTE #4		3000	2/23/06	0	.0	.0	.8
RED HILL	SNOTEL	4400	3/01/06	---	44.8	5.0	41.4
ROARING RIVER	SNOTEL	4950	3/01/06	---	34.2	9.0	25.5
ROCK SPRINGS	SNOTEL	5290	3/01/06	---	7.5	3.0	5.3
ROGGER MEADOWS	AM	6500	2/24/06	31	10.8	3.6	10.9
SADDLE MTN	SNOTEL	3110	3/01/06	0	.0	.0	6.2
SALT CK FALLS	SNOTEL	4220	3/01/06	47	19.4	4.1	16.5
SANTIAM JCT.	SNOTEL	3750	3/01/06	34	14.1	.4	17.8
SCHNEIDER MDW	SNOTEL	5400	3/01/06	95	29.2	13.3	27.6
SEINE CREEK	SNOTEL	2060	3/01/06	---	.0	.0	2.9
SEVENMILE MARSH	SNTL	5700	3/01/06	---	35.4	11.0	26.7
SHERMAN VALLEY	AM	6600	2/24/06	46	15.2	7.2	11.3
SILVER BURN		3720	2/27/06	38	16.0	7.3	10.5
SILVER CREEK	SNOTEL	5740	3/01/06	50	21.3	8.9	9.8
SILVIES	SNOTEL	6990	3/01/06	33	9.4	9.4	15.6
SISKIYOU SUMMIT REV		4630	2/25/06	29	10.9	4.0	5.3
SKI BOWL ROAD		6000	2/25/06	69	26.0	15.0	22.0
SNOW MTN	SNOTEL	6220	3/01/06	37	13.6	6.4	10.3
SF BULL RUN	SNOTEL	2690	3/01/06	7	2.4	.0	--
SOUTH FORK CANAL		3500	2/26/06	0	.0	--	1.7
STARR RIDGE	SNOTEL	5250	3/01/06	28	9.7	3.9	6.0
STRAWBERRY	SNOTEL	5760	3/01/06	10	6.1	.8	5.5
SUMMER RIM	SNOTEL	7100	3/01/06	72	22.2	12.9	15.2
SUMMIT LAKE	SNOTEL	5600	3/01/06	---	41.8	18.3	31.5
SYCAN FLAT	AM	5500	2/24/06	27	11.1	3.6	5.5
TANGENT		5400	2/27/06	90	33.6	9.4	19.9
TAYLOR BUTTE	SNOTEL	5030	3/01/06	36	14.4	8.4	6.0
TAYLOR GREEN	SNOTEL	5740	3/01/06	58	17.4	8.4	18.9
THREE CK MEAD	SNOTEL	5650	3/01/06	---	24.9	6.3	16.9
TIMOTHY LAKE		3300	2/27/06	31	11.9	--	10.4
TIPTON	SNOTEL	5150	3/01/06	46	16.1	5.9	12.8
TOLLGATE		5070	2/28/06	84	29.8	8.0	24.5
TRAP CREEK		3800	3/06/06	34	13.1	1.8	9.1
TROUT CREEK	AM	7800	2/24/06	33	12.5	11.5	9.7
V LAKE	AM	6600	2/24/06	16	5.6	.0	7.3
WOLF CREEK	SNOTEL	5630	3/01/06	53	16.9	7.5	14.7

SNOW COURSE		ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
-----							
California							
ADIN MOUNTAIN		6350	2/27/06	27	8.9	8.8	11.7
ADIN MTN SNOTEL		6350	3/01/06	29	10.4	8.3	12.2
CEDAR PASS SNOTEL		7100	3/01/06	---	12.6	13.6	15.6
CROWDER FLAT AM		5200	2/24/06	2	.8	.0	2.3
CROWDER FLAT SNOTEL		5200	3/01/06	11	4.2	.2	--
DISMAL SWAMP SNOTEL		7000	3/01/06	---	34.1	22.5	23.7
STATE LINE	AM	5750	2/24/06	17	6.3	1.8	6.8
Idaho							
BATTLE CREEK	AM	5720	2/24/06	20	6.5	.0	3.9
BULL BASIN	AM	5460	2/24/06	13	4.2	.0	1.6
MUD FLAT	SNOTEL	5730	3/01/06	31	9.0	3.5	6.8
RED CANYON	AM	6650	2/24/06	29	10.0	.0	7.3
SILVER CITY		6400	2/27/06	51	17.6	10.0	14.9
SOUTH MTN	SNOTEL	6500	3/01/06	43	14.9	8.7	17.1
SUCCOR CREEK	AM	6100	2/24/06	28	9.8	4.6	7.4
VAUGHT RANCH	AM	5830	2/24/06	27	8.6	.0	4.7
Nevada							
BALD MOUNTAIN	AM	6720	2/24/06	8	3.0	3.6	3.2
BEAR CREEK SNOTEL		7800	3/01/06	---	22.6	13.7	17.1
BIG BEND SNOTEL		6700	3/01/06	36	12.0	6.4	8.6
BUCKSKIN, L SNOTEL		6700	3/01/06	33	9.0	6.3	8.5
COLUMBIA BASIN	AM	6650	2/27/06	42	12.6	2.9	8.8
DISASTER PEAK SNOTEL		6500	3/01/06	18	6.4	2.5	9.7
FAWN CREEK SNOTEL		7050	3/01/06	50	14.5	10.1	14.4
FRY CANYON		6700	2/27/06	36	11.3	5.7	7.3
GOLD CREEK		6600	2/27/06	27	8.2	4.0	5.6
GRANITE PEAK SNOTEL		7800	3/01/06	64	20.9	16.7	19.7
JACK CREEK, U SNOTEL		7280	3/01/06	58	18.7	10.0	15.7
LAMANCE CREEK SNOTEL		6000	3/01/06	28	9.6	6.3	12.6
LAUREL DRAW SNOTEL		6700	3/01/06	38	12.6	6.6	9.2
LITTLE BALLY MTN.	AM	6000	2/24/06	2	.8	2.9	3.8
MERRIT MOUNTAIN	AM	7000	2/27/06	24	7.2	1.6	6.6
MIDAS	(d)	7200	2/27/06	18	5.4	4.7	3.7
QUINN RIDGE	AM	6300	2/24/06	6	2.1	1.4	2.1
SEVENTYSIX CK SNOTEL		7100	3/01/06	44	15.9	7.8	10.9
STAG MOUNTAIN	AM	7700	2/27/06	27	8.1	7.0	5.3
TAYLOR CANYON SNOTEL		6200	3/01/06	26	7.6	5.9	5.3
TOE JAM AM	AM	7700	2/27/06	36	10.8	9.0	9.4
TREMEWAN RANCH		5700	2/27/06	8	3.0	5.2	1.9

(d) denotes discontinued site.