

GENERAL OUTLOOK

March 1, 2005

SUMMARY

February weather was pleasant in Oregon, with above normal temperatures and below normal precipitation. This pattern followed a warm and dry January with little snow accumulation in the mountains. The thin early February snowpacks began to melt by the end of the month when hit by unusually high temperatures. Records have been set at many SNOTEL sites across the state as snowpacks in some areas are the lowest recorded in 30 years.

The March 1 water supply outlook projects reduced water availability across most of Oregon for the coming summer. Water users throughout the state are cautioned to begin conservation actions soon. Without significant rainfall in the coming months, water supply deficits are likely throughout the state. Statewide, the forecasted streamflows range from 20 percent of average for April-July at Pine Creek near Weston to 83 percent of average for the April-September inflow to Wickiup Reservoir.

SNOWPACK

Snow normally accumulates in the Oregon mountains during the month of February. This year however, new snow failed to fall on the already low mountain snowpacks. Additionally, warm temperatures led to significant melt at many sites. Record low snowpacks were recorded or tied at 21 SNOTEL sites or snow courses in Oregon on March 1. Record lows were approached at an additional 8 sites. With continuing warm and dry weather, more record lows are likely to be established and snowpacks may disappear abnormally early.

On March 1, the snow water equivalent at SNOTEL sites and snow courses in Oregon was only 48 percent of average. Southeastern Oregon (Owyhee, Malheur and the Lake County basins) have the best snowpack in the state but are still less than 70 percent of average. Northern Oregon basins from the Umatilla to the Willamette have only one quarter to one third of their normal snow water .

PRECIPITATION

Half of the annual precipitation in Oregon normally falls between December and February. Following average precipitation in December, the months of January and February were exceptionally dry. As of March 1, twenty-five SNOTEL sites set new record lows for water year precipitation. The new records were set in the Upper Deschutes, Willamette and Hood River Basins and in the Northeastern part of the state, the Wallowas and Blue Mountains.

RESERVOIRS

The March 1 reservoir storage at the 27 reservoirs summarized in this report was 65 percent of average. 1,381,200 acre feet of water are in storage, which amounts to 42 percent of capacity.

STREAMFLOW

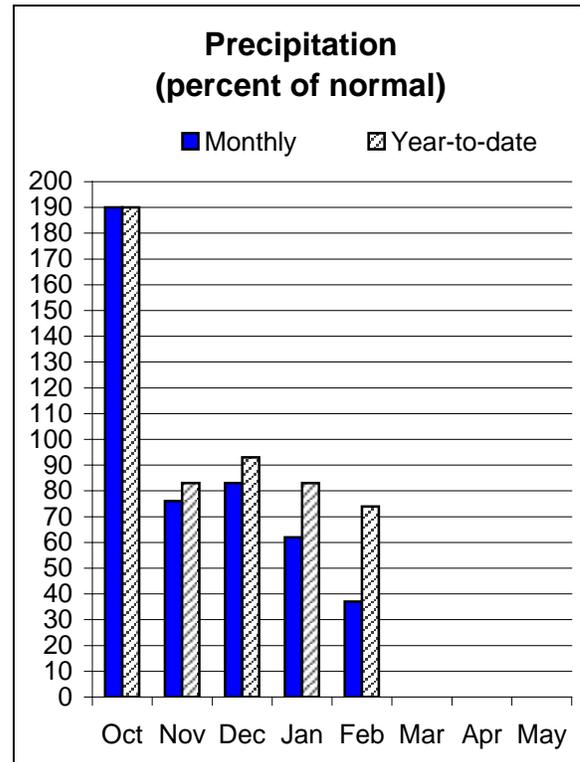
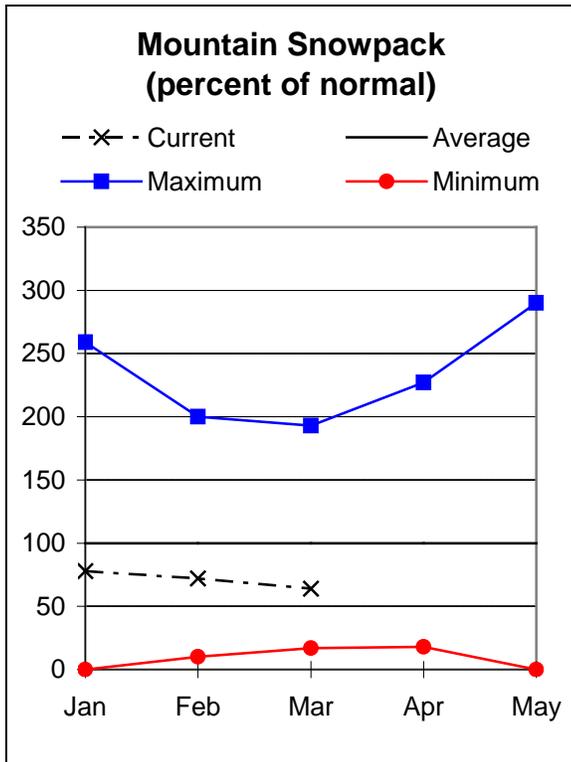
Streamflow forecasts throughout the state are projected to be much lower than normal this coming summer. The following table summarizes the range of conditions forecast.

| STREAM | PERIOD | PERCENT OF AVERAGE |
|-----------------------------|---------|--------------------|
| Owyhee Net Inflow | Mar-Jul | 35 |
| Grande Ronde at La Grande | Apr-Sep | 32 |
| Umatilla at Pendleton | Mar-Sep | 44 |
| Deschutes at Benham Falls | Mar-Sep | 75 |
| Willamette MF nr Oakridge | Apr-Sep | 62 |
| Rogue at Raygold | Apr-Sep | 55 |
| Upper Klamath L. Net Inflow | Apr-Sep | 52 |
| Silvies nr Burns | Apr-Sep | 62 |

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, 2005



Water Supply Outlook

Precipitation in the Owhyhee and Malheur basins was only 38 percent of average for the month of February. The water year to date precipitation is 74 percent of average, buoyed by a slightly wetter than normal beginning to the water year. Blue Mountain Spring SNOTEL site set new record lows for both March 1 snowpack and water year to date precipitation. March 1 snow water measured at SNOTEL sites and aerial markers in the Owhyhee and Malheur was 64 percent of average, an 8 point decrease from last month. Water stored in the 4 major reservoirs of the Owhyhee and Malheur basins was 271.1 thousand acre feet or 27 percent of capacity and 42 percent of average. Forecasted summer streamflows range from 26 percent of average for the Malheur near Drewsey (April - September) to 37 percent of average for Succor Creek near Jordan Valley (March - July).

The combined streamflow forecast and current reservoir storage levels indicate that water users in the Owyhee and Malheur should anticipate shortages this coming summer and begin to prepare accordingly.

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

OWYHEE AND MALHEUR BASINS
Streamflow Forecasts - March 1, 2005

| Forecast Point | Forecast Period | <<----- Drier ----->> | | Future Conditions | | ----- Wetter -----> | | 30-Yr Avg. (1000AF) |
|----------------------------|-----------------|-----------------------|----------|---------------------------------|----------|---------------------|----------|------------------------|
| | | 90% | 70% | Chance Of Exceeding * | | 30% | 10% | |
| | | (1000AF) | (1000AF) | 50% (Most Probable) (1000AF) | (% AVG.) | (1000AF) | (1000AF) | |
| MALHEUR near Drewsey | MAR-JUL | 13.0 | 22 | 30 | 27 | 39 | 54 | 110 |
| | APR-SEP | 7.9 | 14.5 | 20 | 26 | 26 | 38 | 76 |
| NF MALHEUR at Beulah | MAR-JUL | 17.4 | 23 | 28 | 35 | 33 | 41 | 81 |
| OWYHEE RESV INFLOW (2) | MAR-JUL | 126 | 176 | 215 | 35 | 258 | 327 | 615 |
| | APR-SEP | 58 | 101 | 138 | 32 | 180 | 253 | 430 |
| OWYHEE near Rome | MAR-JUL | 118 | 167 | 205 | 35 | 247 | 316 | 580 |
| SUCCOR CK nr Jordan Valley | MAR-JUL | 2.6 | 4.7 | 6.2 | 37 | 10.2 | 16.0 | 16.9 |

| OWYHEE AND MALHEUR BASINS Reservoir Storage (1000 AF) - End of February | | | | | OWYHEE AND MALHEUR BASINS Watershed Snowpack Analysis - March 1, 2005 | | | |
|--|-----------------|------------------------|-----------|-------|--|----------------------|-------------------|---------|
| 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 | 18.3 | 15.6 | 35.4 | Owyhee River | 20 | 37 | 54 |
| BULLY CREEK | 30.0 | 20.1 | 12.8 | 17.5 | Malheur | 9 | 31 | 57 |
| OWYHEE | 715.0 | 203.3 | 121.8 | 489.1 | Jordan Creek | 2 | 43 | 58 |
| WARMSPRINGS | 191.0 | 29.4 | 25.6 | 102.7 | Bully Creek | 2 | 0 | 112 |

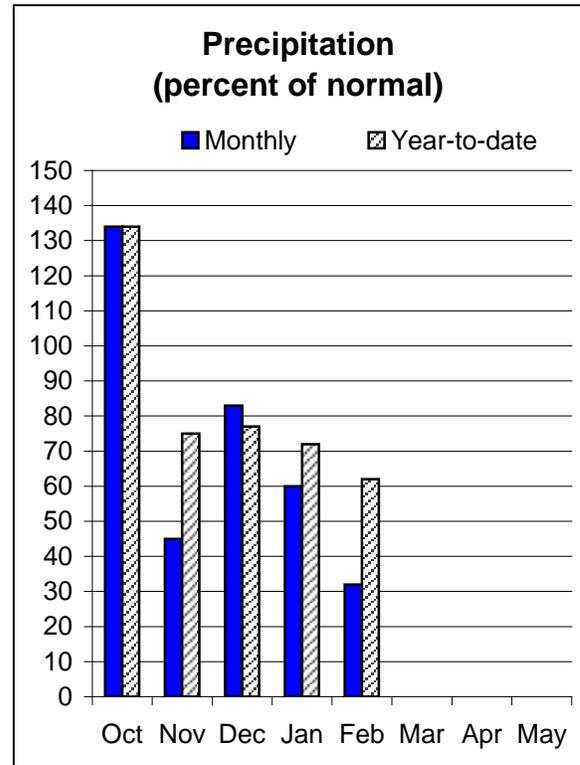
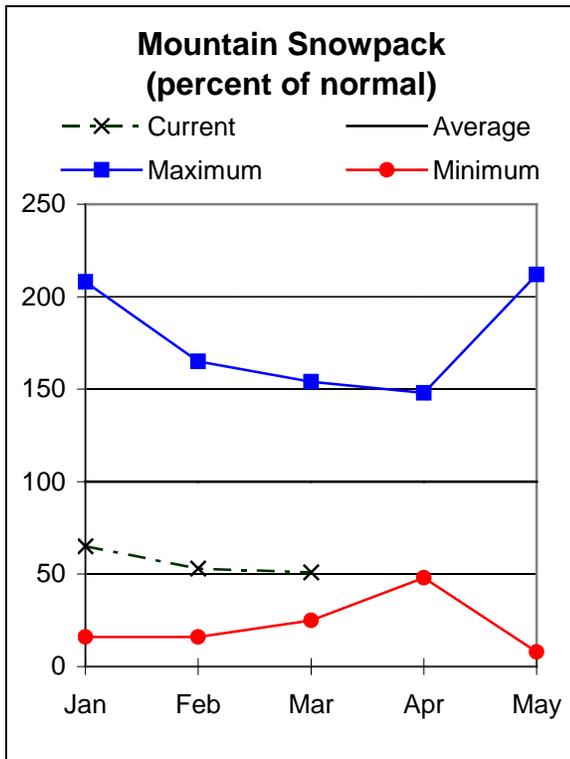
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

- (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
Ontario - (541) 889-7637**

BURNT, POWDER, GRAND RONDE, AND IMNAHA BASINS

March 1, 2005



Water Supply Outlook

The snow pack in the Burnt, Powder, Pine, Grande Ronde and Imnaha basins was only 51 percent of average on March 1. Normally, the snowpack measured at the 14 SNOTEL sites in the area reaches its peak at the end of March. This year, the peak may have already come and gone. Total February precipitation was only 38 percent of normal. Five SNOTEL sites in the basin set new record lows for March 1 snowpack. Many of these same SNOTEL sites have also broken previous March 1 water year lows for precipitation. Since the beginning of the water year, the Burnt, Powder, Pine, Grande Ronde and Imnaha basins have received 72 percent of their normal precipitation.

Thief Valley, Phillips Lake and Unity reservoirs are holding 40.9 thousand acre feet of water or 53 percent of average and 35 percent of capacity. Forecasted summer streamflows range from 23 percent of average for the Burnt river near Hereford (April - September) to 64 percent of average for Hurricane Creek near Joseph (April - September). Without significant spring rains, water users in the Burnt, Powder, Pine, Grande Ronde and Imnaha basins can anticipate water deficits this coming summer.

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, 2005

| Forecast Point | Forecast Period | <<===== Drier =====>> | | Future Conditions | | ===== Wetter =====>> | | 30-Yr Avg. (1000AF) |
|-----------------------------------|-----------------|-----------------------|-----------------|---------------------------------|-----------------------------------|----------------------|-----------------|------------------------|
| | | 90% (1000AF) | 70% (1000AF) | 50% (Most Probable) (1000AF) | Chance Of Exceeding * (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| ANTHONY CK bl NF nr North Powder | MAR-JUL | 1.8 | 5.2 | 7.5 | 44 | 9.8 | 13.2 | 17.2 |
| BEAR CREEK near Wallowa | APR-SEP | 16.4 | 28 | 36 | 55 | 44 | 56 | 65 |
| BIG CK bl Burn Ck nr Medical Spgs | MAR-JUL | 0.4 | 2.5 | 3.9 | 28 | 5.3 | 7.4 | 14.2 |
| BURNT near Hereford (2) | MAR-JUL | 9.8 | 12.3 | 14.0 | 28 | 20 | 30 | 51 |
| | APR-SEP | 3.9 | 7.0 | 9.1 | 23 | 15.1 | 23 | 39 |
| CATHERINE CREEK near Union | APR-SEP | 20 | 28 | 34 | 52 | 40 | 48 | 66 |
| DEER CK nr Sumpster | MAR-JUL | 2.0 | 4.2 | 5.6 | 31 | 8.2 | 11.5 | 18.2 |
| EAGLE CREEK abv Skull Creek | APR-JUL | 38 | 58 | 71 | 44 | 84 | 104 | 161 |
| | APR-SEP | 44 | 65 | 79 | 45 | 93 | 114 | 176 |
| GRANDE RONDE at La Grande | MAR-JUL | 51 | 62 | 70 | 28 | 97 | 137 | 247 |
| | APR-SEP | 42 | 53 | 61 | 32 | 85 | 121 | 188 |
| HURRICANE CREEK near Joseph | APR-SEP | 23 | 25 | 27 | 64 | 29 | 31 | 42 |
| IMNAHA at Imnaha | APR-SEP | 94 | 109 | 120 | 41 | 145 | 185 | 295 |
| LOSTINE near Lostine | APR-SEP | 56 | 64 | 70 | 58 | 76 | 84 | 121 |
| PINE CREEK near Oxbow | MAR-JUL | 36 | 42 | 46 | 25 | 63 | 89 | 188 |
| | APR-JUL | 26 | 31 | 35 | 24 | 51 | 74 | 148 |
| POWDER near Sumpster (2) | APR-JUL | 4.1 | 14.0 | 20 | 35 | 26 | 36 | 58 |
| | APR-SEP | 4.7 | 14.0 | 21 | 36 | 28 | 37 | 59 |
| EF WALLOWA near Joseph | MAR-SEP | 3.2 | 4.2 | 4.8 | 41 | 5.4 | 6.4 | 11.8 |
| WALLOWA at Joseph (2) | APR-JUL | 31 | 36 | 39 | 61 | 42 | 47 | 64 |
| WOLF CK RESERVOIR inflow | MAR-JUN | 1.6 | 4.5 | 6.4 | 40 | 8.3 | 11.2 | 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, 2005

| 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 | 15.8 | 8.5 | 43.8 | Grande Ronde ab LaGrande | 6 | 32 | 41 |
| THIEF VALLEY | 17.4 | 13.5 | 13.7 | 17.3 | Powder River | 9 | 45 | 55 |
| UNITY | 25.2 | 11.6 | 9.4 | 15.8 | Wallowa, Imnaha, Catherine | 5 | 49 | 48 |
| WALLOWA LAKE | 37.5 | 21.2 | 2.8 | 18.8 | Burnt River | 6 | 43 | 57 |
| WOLF CREEK | 10.4 | 3.7 | --- | 3.8 | | | | |

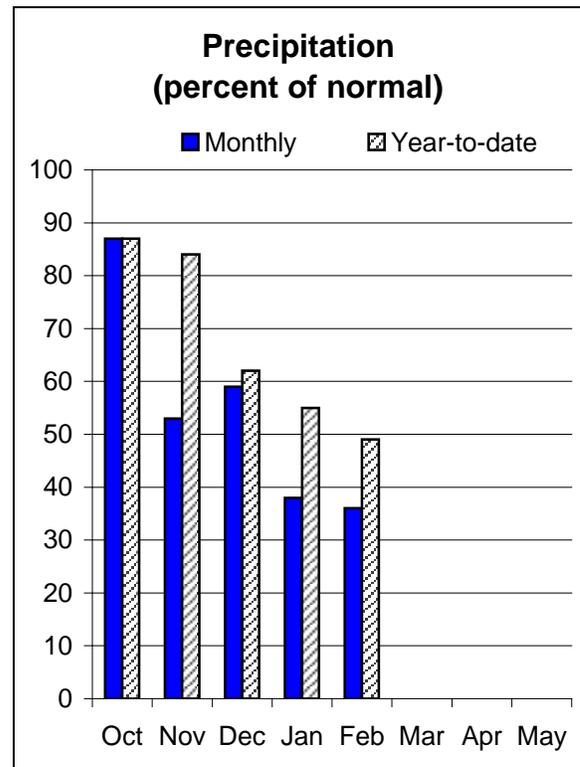
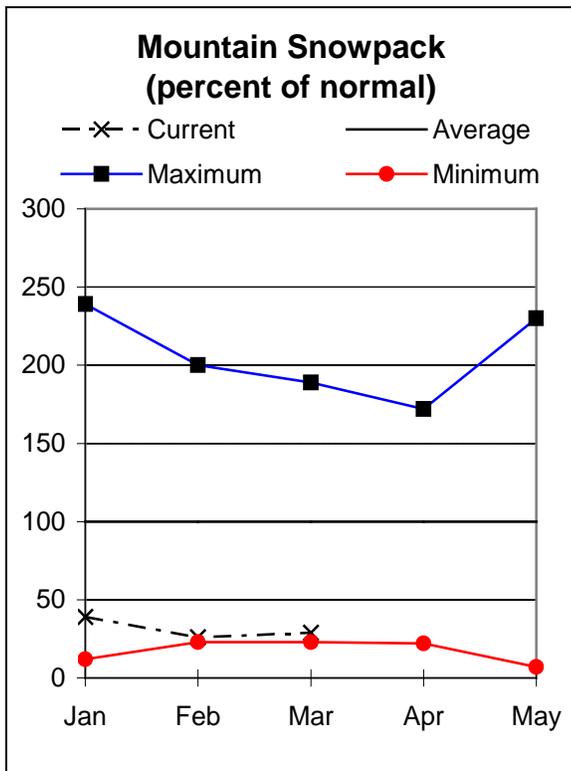
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

- (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
Enterprise- (541) 426-4588; Baker City - (541) 523-7121; LaGrande - (541) 963-4178**

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

March 1, 2005



Water Supply Outlook

Snow pack in the Umatilla, Walla Walla, Willow, Rock and Lower John Day basins was only 29 percent of average on March 1. Normally, the maximum snowpack is reached in mid March. This year's peak may already have come and gone. Significant February precipitation failed to materialize and some melt occurred in the lower elevations of the snow zone. Five SNOTEL sites in the basin set records for the lowest March 1 snowpack ever recorded since the weather stations were established in 1979. Since the beginning of the water year, the Umatilla, Walla Walla, Willow, Rock and Lower John Day basins have received only 49 percent of the average rainfall. Additionally, precipitation since the beginning of the water year set new record lows at a number of SNOTEL sites in the basin.

The March 1 reservoir storage at Cold Springs and McKay reservoirs was 123.8 thousand acre feet or 44 percent of average and 26 percent of capacity. Forecasted summer streamflows range from 20 percent of average for Pine Creek near Weston (April - July) to 73 percent of average for the South Fork of the Walla Walla near Milton-Freewater (March - September). Given water supply forecasts and current reservoir levels, water users in the Umatilla, Walla Walla, Willow, Rock and Lower John Day basins should expect water deficits this coming summer and begin to plan accordingly.

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, 2005

| Forecast Point | Forecast Period | <<----- Drier ----->> | | Future Conditions | | ----- Wetter ----->> | | 30-Yr Avg. (1000AF) |
|--------------------------------------|-----------------|-----------------------|-----------------|---------------------------------|-----------------------------------|----------------------|-----------------|------------------------|
| | | 90% (1000AF) | 70% (1000AF) | 50% (Most Probable) (1000AF) | Chance Of Exceeding * (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| BUTTER CK nr Pine City | MAR-JUL | 3.3 | 4.7 | 5.6 | 37 | 8.1 | 11.9 | 15.0 |
| COUSE CREEK near Milton-Freewater | MAR-JUL | 0.93 | 1.57 | 2.00 | 33 | 2.43 | 3.03 | 6.10 |
| | APR-JUL | 0.33 | 0.91 | 1.30 | 33 | 1.69 | 2.31 | 4.00 |
| MCKAY near Pilot Rock | APR-SEP | 3.8 | 7.0 | 9.2 | 34 | 15.7 | 25 | 27 |
| PINE CREEK near Weston | MAR-JUL | 0.29 | 0.86 | 1.25 | 25 | 1.62 | 2.22 | 5.00 |
| | APR-JUL | 0.47 | 0.55 | 0.60 | 20 | 0.86 | 1.24 | 3.00 |
| RHEA CREEK near Heppner | MAR-JUL | 2.1 | 3.6 | 4.6 | 43 | 5.6 | 7.1 | 10.8 |
| ROCK CREEK above Whyte | MAR-JUL | 2.8 | 7.1 | 10.1 | 42 | 17.2 | 27 | 24 |
| UMATILLA near Gibbon | MAR-SEP | 32 | 46 | 56 | 53 | 66 | 80 | 106 |
| | APR-JUL | 13.0 | 27 | 36 | 49 | 45 | 59 | 73 |
| | APR-SEP | 17.0 | 31 | 40 | 51 | 49 | 63 | 79 |
| UMATILLA at Pendleton | MAR-SEP | 75 | 90 | 100 | 44 | 125 | 161 | 230 |
| | APR-JUL | 44 | 56 | 65 | 44 | 87 | 120 | 149 |
| | APR-SEP | 46 | 59 | 68 | 44 | 90 | 123 | 155 |
| SF WALLA WALLA near Milton-Freewater | MAR-SEP | 46 | 54 | 59 | 73 | 64 | 72 | 81 |
| | APR-SEP | 35 | 41 | 46 | 69 | 51 | 57 | 67 |
| WILLOW CREEK LAKE INFLOW | MAR-JUL | 2.0 | 3.1 | 3.9 | 38 | 5.9 | 8.8 | 10.4 |
| | APR-JUL | 1.24 | 2.11 | 2.70 | 39 | 4.20 | 6.50 | 7.00 |

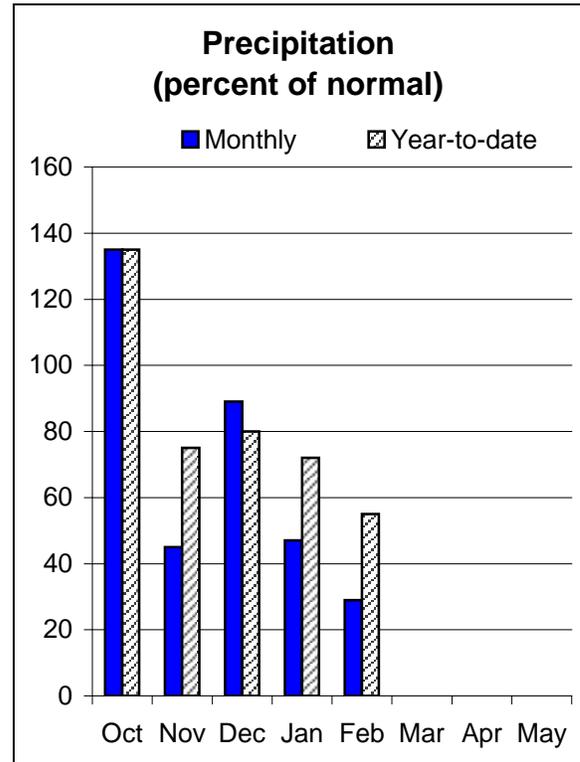
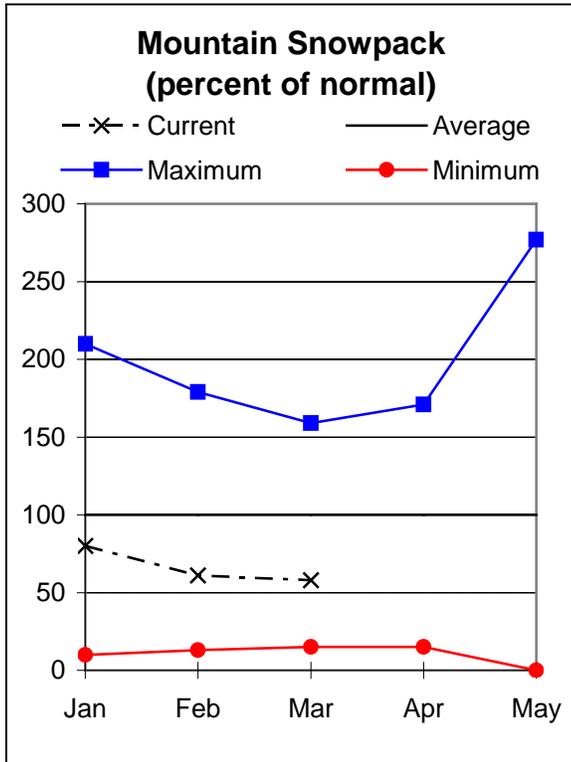
| UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS | | | | | UMATILLA, WALLA WALLA, WILLOW, ROCK AND LOWER JOHN DAY BASINS | | | |
|---|-----------------|------------------------|-----------|------|---|----------------------|-------------------|---------|
| Reservoir Storage (1000 AF) - End of February | | | | | Watershed Snowpack Analysis - March 1, 2005 | | | |
| 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 | 8.9 | 21.7 | 29.5 | Walla Walla River | 3 | 26 | 29 |
| MCKAY | 73.8 | 23.7 | 49.0 | 44.6 | Umatilla River | 7 | 25 | 31 |
| WILLOW CREEK | 1.8 | 0.3 | 0.0 | --- | McKay Creek | 4 | 17 | 23 |

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

UPPER JOHN DAY BASIN

March 1, 2005



Water Supply Outlook

February precipitation was only 35 percent of average in the Upper John Day basin this year. Since the beginning of the water year, precipitation has been only 62 percent of average. March 1 snowpack was 58 percent of average and followed a below normal January snowpack. New record lows were established for March 1 snowpack at Blue Mountain Springs and Lucky Strike SNOTEL sites. New lows were also established for water year precipitation at these same sites.

Forecasted summer streamflows range from 40 percent of average for Camas creek near Ukiah (March - July) to 61 percent of average for Strawberry creek near Prairie City (March - July). Water users in the Upper John Day are cautioned that water supply deficits can be anticipated this coming summer.

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

UPPER JOHN DAY BASIN
Streamflow Forecasts - March 1, 2005

| 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) |
| | | | | | | | | | | |
| CAMAS CREEK nr Ukiah | MAR-JUL | 7.5 | 16.0 | 21 | 40 | 26 | 34 | 52 | | |
| MF JOHN DAY at Ritter | MAR-JUL | 49 | 62 | 70 | 44 | 90 | 119 | 159 | | |
| | APR-SEP | 39 | 50 | 57 | 45 | 74 | 99 | 128 | | |
| NF JOHN DAY at Monument | MAR-JUL | 225 | 282 | 320 | 41 | 420 | 560 | 790 | | |
| | APR-SEP | 173 | 222 | 255 | 42 | 335 | 455 | 615 | | |
| MOUNTAIN CREEK near Mitchell | MAR-JUL | 0.70 | 2.10 | 3.00 | 49 | 3.90 | 5.30 | 6.10 | | |
| STRAWBERRY CREEK nr Prairie City | MAR-JUL | 2.50 | 3.70 | 4.50 | 61 | 5.30 | 6.50 | 7.40 | | |
| | APR-SEP | 2.60 | 3.90 | 4.70 | 60 | 5.50 | 6.80 | 7.80 | | |

| UPPER JOHN DAY BASIN Reservoir Storage (1000 AF) - End of February | | | | UPPER JOHN DAY BASIN Watershed Snowpack Analysis - March 1, 2005 | | | | |
|---|-----------------|------------------------|-----------|---|-------------------------|----------------------|-------------------|---------|
| 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 | 38 | 43 |
| | | | | | John Day above Dayville | 4 | 40 | 51 |

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

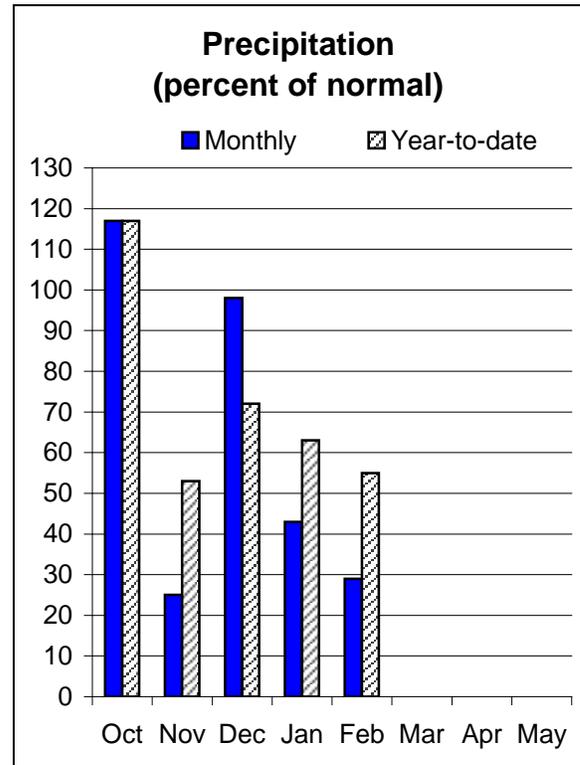
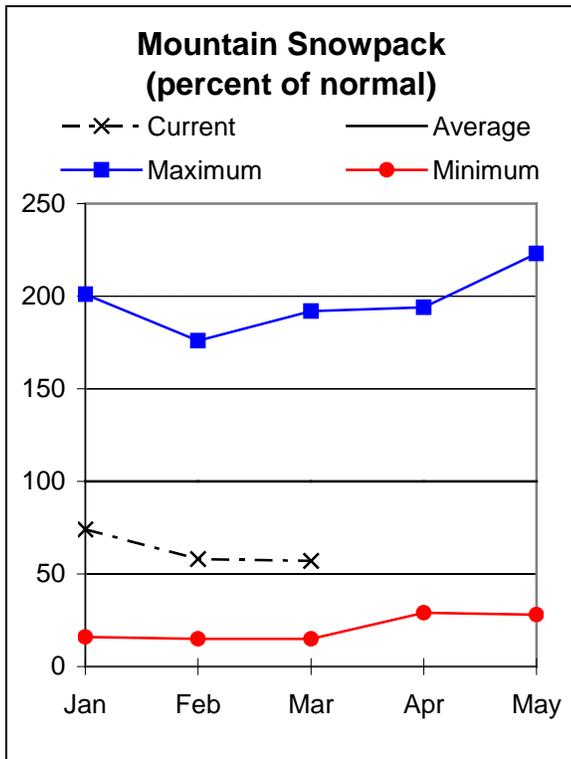
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**For more information contact your local
Natural Resources Conservation Service Office
John Day - (541) 575-0135**

UPPER DESCHUTES AND CROOKED BASINS

March 1, 2005



Water Supply Outlook

February precipitation in the Upper Deschutes and Crooked River basins was only 29 percent of average. New record lows were established for water year precipitation at two SNOTEL sites in the Upper Deschutes. Additionally, record lows were established for March 1 precipitation at 4 SNOTEL sites in the Upper Deschutes. Snow has been slow to accumulate this year, and above normal temperatures have melted the thin snowpacks 2 months earlier than normal.

As of March 1, storage at Crooked River reservoirs was 96 percent of average with 123.3 thousand acre feet of water. On March 1, storage at Deschutes reservoirs was 97 percent of average with 233.8 thousand acre feet of water. Summer streamflow forecasts for the Upper Deschutes and Crooked range from 29 percent of average at Beaver Creek near Paulina to 83 percent of average for Wickiup reservoir inflow (April - September). Some water users in the Upper Deschutes and Crooked Rivers may see some water supply deficits this 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, 2005

| Forecast Point | Forecast Period | <<----- Drier ----->> | | Future Conditions | | ----- Wetter ----->> | | 30-Yr Avg. (1000AF) |
|--------------------------------|-----------------|-----------------------|----------|---------------------------------|----------|----------------------|----------|------------------------|
| | | 90% | 70% | Chance Of Exceeding * | | 30% | 10% | |
| | | (1000AF) | (1000AF) | 50% (Most Probable) (1000AF) | (% AVG.) | (1000AF) | (1000AF) | |
| BEAVER CREEK near Paulina | APR-SEP | 5.0 | 6.6 | 7.7 | 29 | 11.4 | 16.9 | 27 |
| | MAR-JUL | 12.3 | 14.5 | 16.0 | 30 | 21 | 28 | 53 |
| CRANE PRAIRIE RESERVOIR INFLOW | APR-JUL | 21 | 27 | 31 | 53 | 35 | 41 | 59 |
| | APR-SEP | 33 | 42 | 49 | 53 | 56 | 65 | 93 |
| | MAR-JUL | 26 | 33 | 38 | 56 | 43 | 50 | 68 |
| | MAR-SEP | 36 | 47 | 54 | 53 | 61 | 72 | 102 |
| CRESCENT CREEK near Crescent | APR-JUL | 3.6 | 4.5 | 5.2 | 30 | 7.2 | 10.2 | 17.2 |
| | APR-SEP | 4.3 | 5.5 | 6.3 | 30 | 8.9 | 12.8 | 21 |
| | MAR-JUL | 4.8 | 6.1 | 6.9 | 35 | 9.3 | 12.7 | 20 |
| | MAR-SEP | 5.4 | 6.8 | 7.7 | 32 | 10.6 | 14.8 | 24 |
| DESCHUTES below Bend (2) | AUG-SEP | 89 | 109 | 122 | 73 | 139 | 165 | 168 |
| DESCHUTES at Benham Falls | APR-JUL | 230 | 250 | 260 | 74 | 270 | 290 | 350 |
| | APR-SEP | 345 | 370 | 385 | 73 | 400 | 425 | 525 |
| | MAR-JUL | 280 | 305 | 320 | 74 | 335 | 360 | 430 |
| | MAR-SEP | 405 | 435 | 455 | 75 | 475 | 505 | 605 |
| DESCHUTES below Snow Creek | APR-JUL | 11.6 | 15.7 | 18.7 | 57 | 22 | 26 | 33 |
| | APR-SEP | 16.0 | 24 | 30 | 51 | 36 | 44 | 59 |
| | MAR-JUL | 13.0 | 18.0 | 21 | 54 | 24 | 29 | 39 |
| | MAR-SEP | 20 | 29 | 35 | 54 | 41 | 50 | 65 |
| LITTLE DESCHUTES near La Pine | APR-JUL | 18.0 | 22 | 25 | 35 | 33 | 45 | 71 |
| | APR-SEP | 20 | 25 | 28 | 35 | 37 | 50 | 80 |
| | MAR-JUL | 25 | 30 | 33 | 38 | 42 | 55 | 87 |
| | MAR-SEP | 26 | 31 | 35 | 37 | 45 | 60 | 96 |
| NF CROOKED blw Lookout Ck | MAR-JUL | 5.3 | 6.8 | 8.0 | 60 | 9.2 | 11.0 | 13.3 |
| OCHOCO RESERVOIR INFLOW | APR-JUL | 3.9 | 6.8 | 8.7 | 40 | 13.6 | 20 | 22 |
| | APR-SEP | 4.0 | 6.8 | 8.7 | 40 | 13.5 | 20 | 22 |
| | MAR-JUL | 9.8 | 12.9 | 15.0 | 43 | 20 | 27 | 35 |
| | MAR-SEP | 9.8 | 12.9 | 15.0 | 43 | 20 | 27 | 35 |
| PRINEVILLE RESERVOIR INFLOW | APR-JUL | 17.0 | 30 | 41 | 38 | 55 | 81 | 108 |
| | APR-SEP | 18.0 | 32 | 41 | 38 | 65 | 101 | 109 |
| | MAR-JUL | 44 | 63 | 78 | 42 | 95 | 125 | 184 |
| | MAR-SEP | 44 | 64 | 78 | 42 | 112 | 162 | 185 |
| SQUAW CREEK near Sisters | APR-JUL | 18.0 | 22 | 24 | 67 | 26 | 30 | 36 |
| | APR-SEP | 25 | 29 | 32 | 65 | 35 | 39 | 49 |
| TUMALO CREEK near Bend | APR-JUL | 17.0 | 22 | 25 | 68 | 28 | 33 | 37 |
| | APR-SEP | 20 | 27 | 31 | 69 | 35 | 42 | 45 |
| WICKIUP RESERVOIR INFLOW | APR-JUL | 131 | 136 | 140 | 82 | 144 | 149 | 171 |
| | APR-SEP | 220 | 230 | 235 | 83 | 240 | 250 | 285 |
| | MAR-JUL | 153 | 160 | 165 | 81 | 170 | 177 | 205 |
| | MAR-SEP | 240 | 250 | 255 | 80 | 260 | 270 | 320 |

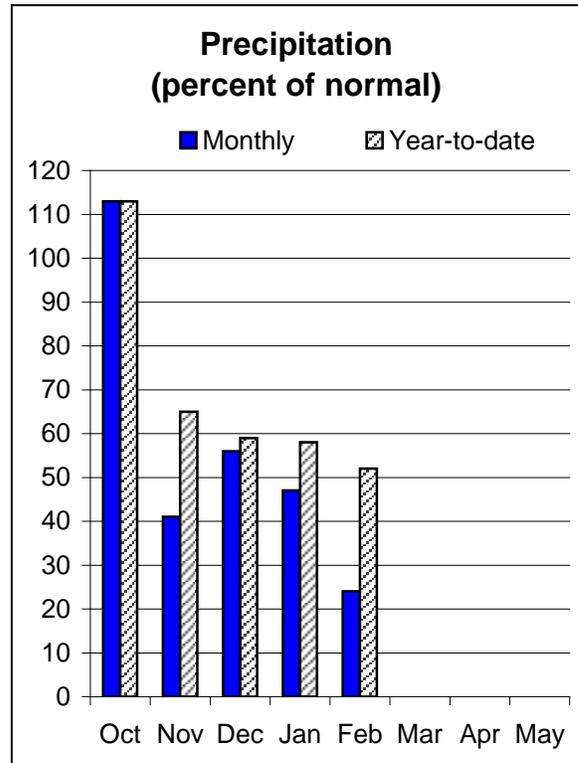
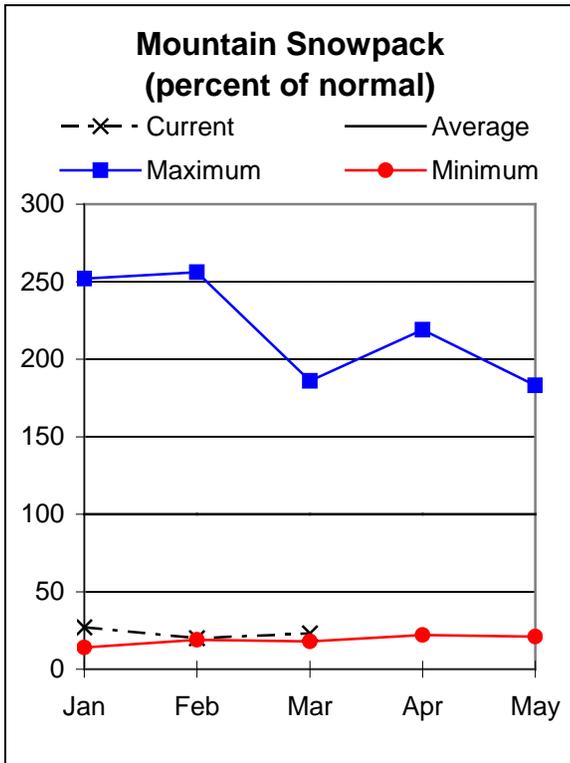
| UPPER DESCHUTES AND CROOKED BASINS Reservoir Storage (1000 AF) - End of February | | | | | UPPER DESCHUTES AND CROOKED BASINS Watershed Snowpack Analysis - March 1, 2005 | | | |
|---|-----------------|------------------------|-----------|-------|---|----------------------|-------------------|---------|
| 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 | 34.9 | 35.5 | 41.9 | Crooked, Ochoco | 4 | 55 | 76 |
| CRESCENT LAKE | 86.9 | 30.3 | 34.4 | 52.3 | Deschutes above Wickiup | 3 | 39 | 54 |
| OCHOCO | 47.5 | 27.5 | 28.2 | 25.8 | Little Deschutes | 4 | 40 | 55 |
| PRINEVILLE | 153.0 | 95.8 | 108.6 | 102.7 | Tumalo and Squaw Creeks | 3 | 19 | 21 |
| WICKIUP | 200.0 | 168.6 | 156.0 | 176.0 | | | | |

* 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
Redmond (541) 923-4358**

HOOD, MILE CREEKS, AND LOWER DESCHUTES BASINS

March 1, 2005



Water Supply Outlook

March 1 snowpack in the Hood, Mile Creeks and Lower Deschutes basins was only 23 percent of normal, the lowest in the state for the second month running. New record lows were established at Clear Lake, Greenpoint and Mud Ridge SNOTEL sites for March 1 snow water equivalent and water year precipitation. These sites have been measuring snowpack and precipitation for 25 years. February precipitation in the Hood, Mile Creeks and Lower Deschutes basins was one quarter of the normal.

Streamflow forecasts for the Hood, Mile Creeks and Lower Deschutes basins range from 40 percent of average on the White River below Tygh Valley (April - September) to 50 percent of average for the Hood river at Tucker bridge (April - September). Given water supply forecasts, water users in the Hood, Mile Creeks and Lower Deschutes basins should expect water deficits this coming summer and begin to plan accordingly.

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, 2005

| Forecast Point | Forecast Period | <<===== Drier =====>> | | Future Conditions | | ===== Wetter =====>> | | 30-Yr Avg. (1000AF) |
|-------------------------|-----------------|-----------------------|-----------------|---------------------------------|-----------------------------------|----------------------|-----------------|------------------------|
| | | 90% (1000AF) | 70% (1000AF) | 50% (Most Probable) (1000AF) | Chance Of Exceeding * (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| HOOD at Tucker Bridge | APR-JUL | 66 | 93 | 112 | 49 | 131 | 158 | 228 |
| | APR-SEP | 86 | 115 | 135 | 50 | 155 | 183 | 271 |
| WF HOOD near Dee | APR-JUL | 30 | 46 | 57 | 47 | 68 | 84 | 121 |
| | APR-SEP | 40 | 57 | 68 | 48 | 79 | 96 | 141 |
| WHITE below Tygh Valley | APR-JUL | 34 | 40 | 44 | 40 | 54 | 70 | 110 |
| | APR-SEP | 39 | 45 | 50 | 40 | 61 | 76 | 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, 2005 | | | | |
|---|-----------------|------------------------|-----------|---|-------------|----------------------|-----------------------------------|----|
| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of Last Yr Average | |
| | | This Year | Last Year | Avg | | | | |
| CLEAR LAKE (WASCO) | | NO REPORT | | | Hood River | 7 | 19 | 22 |
| | | | | | Mile Creeks | 1 | 25 | 41 |
| | | | | | White River | 3 | 23 | 26 |

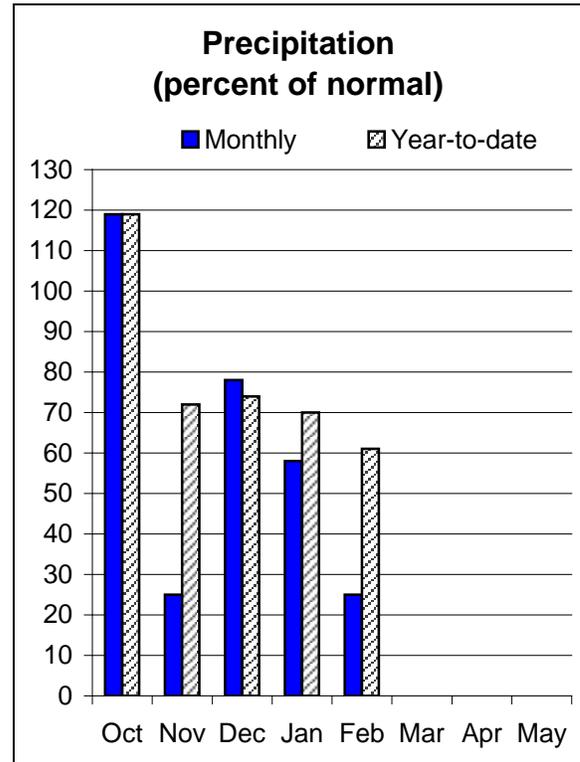
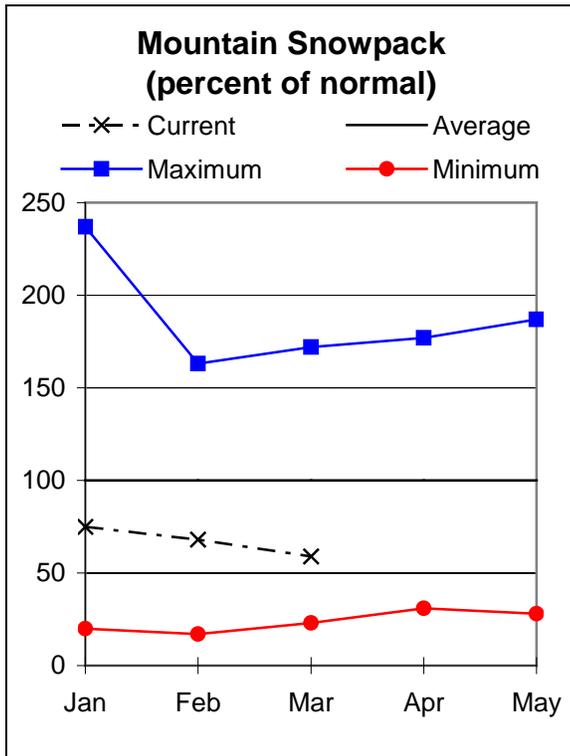
* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

- (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, 2005



Water Supply Outlook

The combined Columbia Basin snowpack above The Dalles is currently at 59 percent of average. This is down from 68 percent on February 1. Twelve snow measurement sites in the Columbia Basin recorded minimums on March 1. Near minimum measurements were recorded at several other snow sites. The February precipitation was much below average throughout the basin. The Lower Columbia Basin February precipitation was 25 percent of average. Record low levels were established for February precipitation at a number of SNOTEL sites in the basin.

Expected streamflow runoff could rival the low levels observed during the very dry 1977 water year. The April -September forecast for the Columbia River at The Dalles is 62 percent of average.

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

=====

LOWER COLUMBIA BASIN
Streamflow Forecasts - March 1, 2005

=====

| Forecast Point | Forecast Period | <<===== Drier ===== Future Conditions ===== Wetter =====>> | | | | 30% (1000AF) | 10% (1000AF) | 30-Yr Avg. (1000AF) |
|-------------------------------|-----------------|--|-----------------|---|----|-----------------|-----------------|------------------------|
| | | 90% (1000AF) | 70% (1000AF) | Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.) | | | | |
| COLUMBIA R. at The Dalles (2) | APR-JUL | 36141 | 45405 | 51700 | 61 | 57990 | 67260 | 84600 |
| | APR-SEP | 46988 | 55093 | 60600 | 62 | 66110 | 74210 | 98600 |
| SANDY near Marmot | APR-JUL | 83 | 125 | 155 | 50 | 185 | 225 | 313 |
| | APR-SEP | 114 | 160 | 190 | 52 | 220 | 265 | 363 |

| LOWER COLUMBIA BASIN Reservoir Storage (1000 AF) - End of February | | | | LOWER COLUMBIA BASIN Watershed Snowpack Analysis - March 1, 2005 | | | | |
|---|-----------------|------------------------|-----------|---|-------------|----------------------|-------------------|---------|
| 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 | 20 | 25 |

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

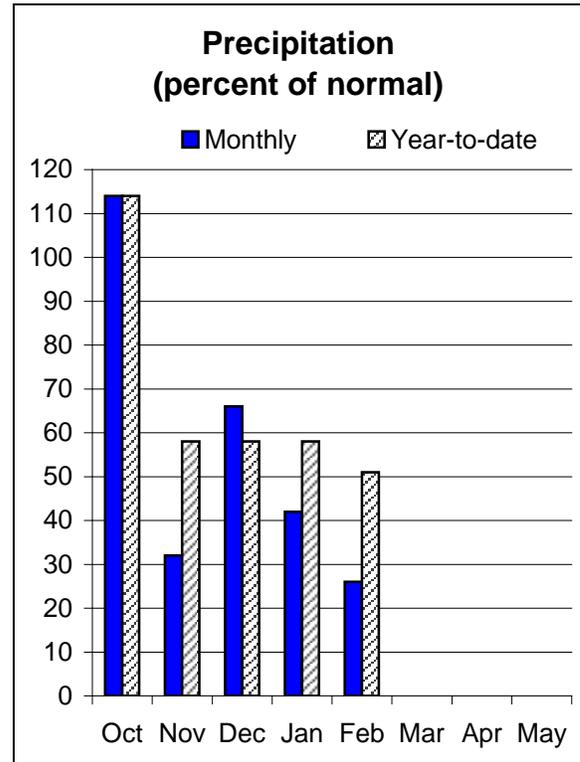
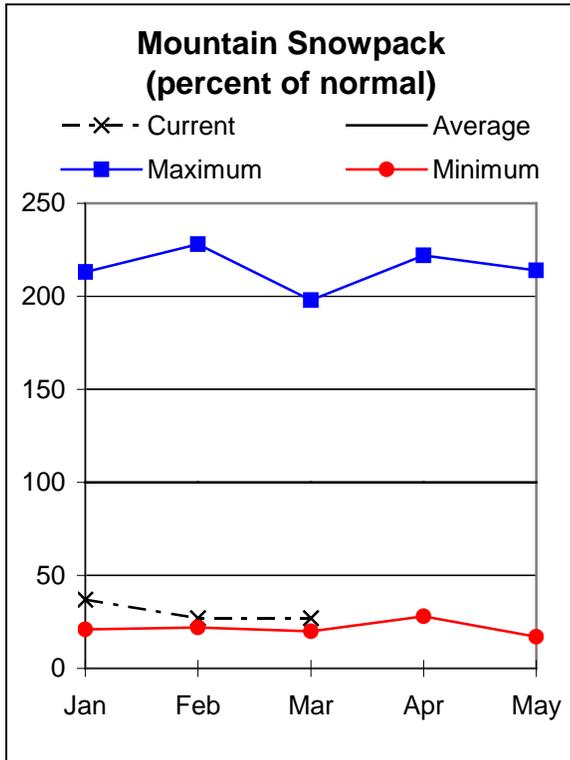
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(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
Oregon City - (503) 656-3499**

WILLAMETTE BASIN

March 1, 2005



Water Supply Outlook

The Willamette basin had an unusually warm and dry February. Seven SNOTEL sites set new record lows for water year precipitation on March 1. Water year to date precipitation was 51 percent of average on March 1. The March 1 snowpack was only 27 percent of average with a few sites melting out at least one month earlier than usual.

Streamflow forecasts for the Willamette basin ranges from 53 percent of average on the Clackamas above Three Lynks (April-September) to 80 percent of average for the Dorena Lake inflow (March-May). The end of February reservoir storage at Timothy and Henry Hagg lakes was normal (99 percent of average) with 57.1 and 39.2 thousand acre feet respectively. Other reservoirs in the basin were storing only one third of their average volume at the end of February. Should current trends continue, water users that rely on stored water supplies in the Willamette basin may experience shortages in the 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, 2005

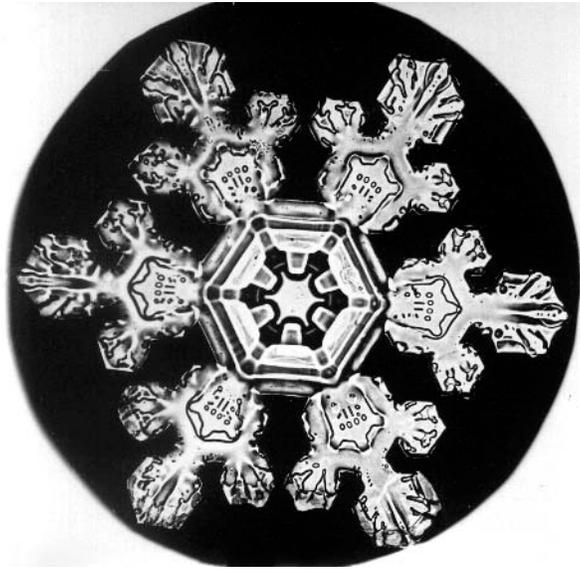
<<===== Drier ===== Future Conditions ===== Wetter =====>>

| Forecast Point | Forecast Period | Chance Of Exceeding * | | | | | | 30-Yr Avg. (1000AF) |
|-----------------------------------|-----------------|-----------------------|-----------------|--|----|-----------------|-----------------|------------------------|
| | | 90% (1000AF) | 70% (1000AF) | 50% (Most Probable) (1000AF) (% AVG.) | | 30% (1000AF) | 10% (1000AF) | |
| BLUE RIVER LAKE INFLOW (1,2) | MAR-MAY | 21 | 54 | 69 | 61 | 84 | 117 | 113 |
| | APR-SEP | 14.0 | 40 | 52 | 61 | 64 | 90 | 86 |
| CLACKAMAS at Estacada (2) | APR-JUL | 200 | 290 | 350 | 55 | 410 | 500 | 640 |
| | APR-SEP | 260 | 350 | 415 | 56 | 480 | 570 | 748 |
| CLACKAMAS above Three Lynx (2) | APR-JUL | 160 | 220 | 260 | 55 | 300 | 360 | 474 |
| | APR-SEP | 190 | 255 | 300 | 53 | 345 | 410 | 562 |
| COTTAGE GROVE LAKE INFLOW (1,2) | MAR-MAY | 8.7 | 28 | 37 | 62 | 46 | 65 | 60 |
| | APR-SEP | 3.0 | 16.0 | 25 | 58 | 34 | 54 | 43 |
| COUGAR LAKE INFLOW (1,2) | MAR-MAY | 61 | 115 | 140 | 66 | 165 | 216 | 212 |
| | APR-SEP | 83 | 130 | 152 | 66 | 176 | 221 | 230 |
| DETROIT LAKE INFLOW (1,2) | MAR-MAY | 150 | 270 | 325 | 60 | 380 | 500 | 540 |
| | APR-JUL | 130 | 245 | 300 | 57 | 355 | 470 | 528 |
| | APR-SEP | 180 | 305 | 360 | 58 | 415 | 540 | 616 |
| DORENA LAKE INFLOW (1,2) | MAR-MAY | 56 | 117 | 145 | 80 | 173 | 234 | 182 |
| | APR-SEP | 6.0 | 48 | 73 | 60 | 98 | 154 | 122 |
| FALL CREEK LAKE INFLOW (1,2) | MAR-MAY | 31 | 71 | 90 | 64 | 109 | 149 | 140 |
| FERN RIDGE LAKE INFLOW (1,2) | MAR-MAY | 9.0 | 48 | 65 | 61 | 82 | 121 | 107 |
| | APR-SEP | 0.3 | 3.8 | 15.0 | 56 | 29 | 59 | 27 |
| FOSTER LAKE INFLOW (1,2) | MAR-MAY | 95 | 285 | 370 | 60 | 455 | 645 | 613 |
| | APR-JUL | 52 | 215 | 290 | 59 | 365 | 530 | 490 |
| | APR-SEP | 70 | 235 | 310 | 59 | 385 | 550 | 527 |
| GREEN PETER LAKE INFLOW (1,2) | MAR-MAY | 65 | 185 | 240 | 58 | 295 | 415 | 417 |
| | APR-JUL | 38 | 140 | 190 | 58 | 240 | 340 | 327 |
| | APR-SEP | 53 | 160 | 205 | 58 | 250 | 355 | 354 |
| HILLS CREEK LAKE INFLOW (1,2) | MAR-MAY | 63 | 144 | 180 | 63 | 215 | 295 | 288 |
| | APR-JUL | 73 | 138 | 170 | 61 | 201 | 276 | 277 |
| | JUN-OCT | 55 | 86 | 100 | 61 | 114 | 145 | 164 |
| | APR-SEP | 96 | 162 | 192 | 60 | 222 | 287 | 320 |
| LITTLE NORTH SANTIAM (1) | APR-JUL | 16.0 | 59 | 78 | 59 | 97 | 140 | 133 |
| | APR-SEP | 19.0 | 64 | 84 | 59 | 104 | 149 | 143 |
| LOOKOUT POINT LAKE INFLOW (1,2) | MAR-MAY | 235 | 415 | 500 | 66 | 585 | 765 | 759 |
| | APR-JUL | 200 | 385 | 470 | 65 | 555 | 740 | 726 |
| | JUN-OCT | 126 | 210 | 250 | 62 | 290 | 375 | 402 |
| | APR-SEP | 260 | 440 | 525 | 63 | 610 | 790 | 828 |
| McKENZIE below Trail Bridge (2) | APR-JUL | 127 | 150 | 165 | 62 | 182 | 202 | 266 |
| | APR-SEP | 200 | 225 | 245 | 61 | 265 | 290 | 404 |
| McKENZIE near Vida (1,2) | APR-JUL | 325 | 515 | 600 | 61 | 685 | 875 | 977 |
| | APR-SEP | 455 | 655 | 745 | 62 | 835 | 1035 | 1201 |
| MOHAWK near Springfield | MAR-JUL | 23 | 57 | 80 | 60 | 103 | 137 | 134 |
| OAK GROVE FORK above Power Intake | APR-JUL | 46 | 61 | 71 | 55 | 81 | 96 | 130 |
| | APR-SEP | 62 | 79 | 91 | 55 | 103 | 120 | 167 |
| NORTH SANTIAM at Mehama (1,2) | APR-JUL | 175 | 350 | 430 | 59 | 510 | 685 | 732 |
| | APR-SEP | 220 | 405 | 490 | 59 | 575 | 760 | 834 |
| SOUTH SANTIAM at Waterloo (2) | APR-JUL | 120 | 245 | 330 | 60 | 415 | 540 | 549 |
| | APR-SEP | 140 | 265 | 350 | 60 | 435 | 560 | 587 |
| SCOGGINS CREEK near Gaston (2) | MAR-JUL | 10.0 | 15.0 | 18.0 | 69 | 21 | 26 | 26 |
| THOMAS CREEK near Scio | MAR-JUL | 24 | 52 | 70 | 58 | 88 | 116 | 121 |
| MF WILLAMETTE below NF (1,2) | JUN-OCT | 106 | 180 | 215 | 55 | 250 | 325 | 391 |
| | APR-JUL | 195 | 365 | 440 | 63 | 515 | 685 | 698 |
| | MAR-MAY | 210 | 390 | 470 | 65 | 550 | 730 | 725 |
| | APR-SEP | 265 | 425 | 495 | 62 | 565 | 725 | 798 |
| WILLAMETTE at Salem (1,2) | MAR-MAY | 1150 | 2420 | 3000 | 56 | 3580 | 4850 | 5401 |
| | APR-JUL | 760 | 1920 | 2450 | 56 | 2980 | 4140 | 4347 |
| | APR-SEP | 1040 | 2180 | 2700 | 56 | 3220 | 4360 | 4804 |

| WILLAMETTE BASIN Reservoir Storage (1000 AF) - End of February | | | | | WILLAMETTE BASIN Watershed Snowpack Analysis - March 1, 2005 | | | | | |
|---|-----------------|------------------------------|------------------------------|---------|---|-------|-------|----------------------|---------------------------|---------|
| Reservoir | Usable Capacity | *** Usable Storage This Year | *** Usable Storage Last Year | *** Avg | Watershed | | | Number of Data Sites | This Year as % of Last Yr | Average |
| BLUE RIVER ** | 85.5 | 19.1 | 35.3 | 31.9 | Clackamas River | | | 4 | 20 | 24 |
| COTTAGE GROVE ** | 29.8 | 3.6 | 8.8 | 10.2 | McKenzie River | | | 5 | 26 | 30 |
| COUGAR ** | 155.2 | 0.0 | 0.0 | 114.3 | Row River | | | 1 | 1 | 1 |
| DETROIT ** | 300.7 | 57.9 | 142.6 | 141.8 | Santiam River | | | 6 | 16 | 19 |
| DORENA ** | 70.5 | 5.8 | 22.5 | 26.7 | Willamette, Middle Fork | | | 6 | 28 | 37 |
| FALL CREEK ** | | | | 115.5 | 14.8 | 48.6 | 40.5 | | | |
| FERN RIDGE ** | | | | 109.6 | 0.0 | 39.2 | 45.5 | | | |
| FOSTER ** | | | | 29.7 | 6.2 | 7.8 | 9.6 | | | |
| GREEN PETER ** | | | | 268.2 | 60.9 | 134.6 | 173.2 | | | |
| HILLS CREEK ** | | | | 200.2 | 20.4 | 86.7 | 119.0 | | | |
| LOOKOUT POINT ** | | | | 337.0 | 42.2 | 158.7 | 116.8 | | | |
| TIMOTHY LAKE | | | | 61.7 | 57.1 | 48.4 | 51.5 | | | |
| HENRY HAGG LAKE | | | | 53.0 | 39.2 | 47.0 | 45.4 | | | |

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

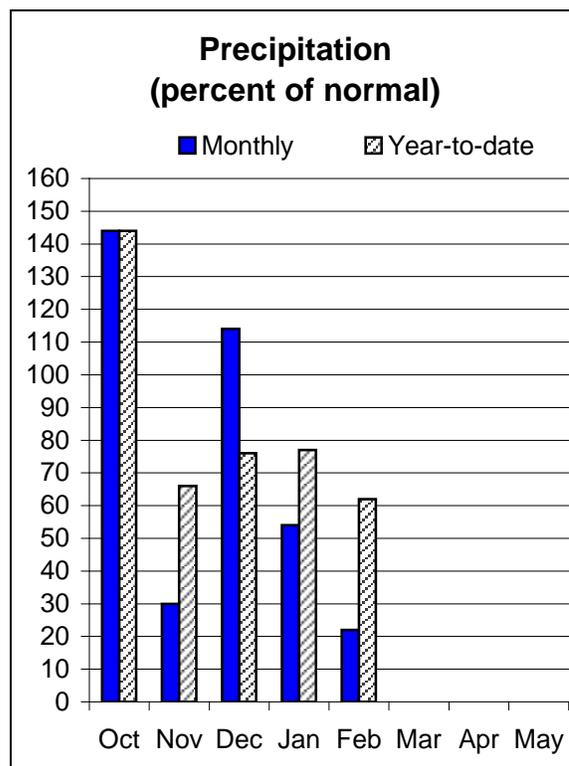
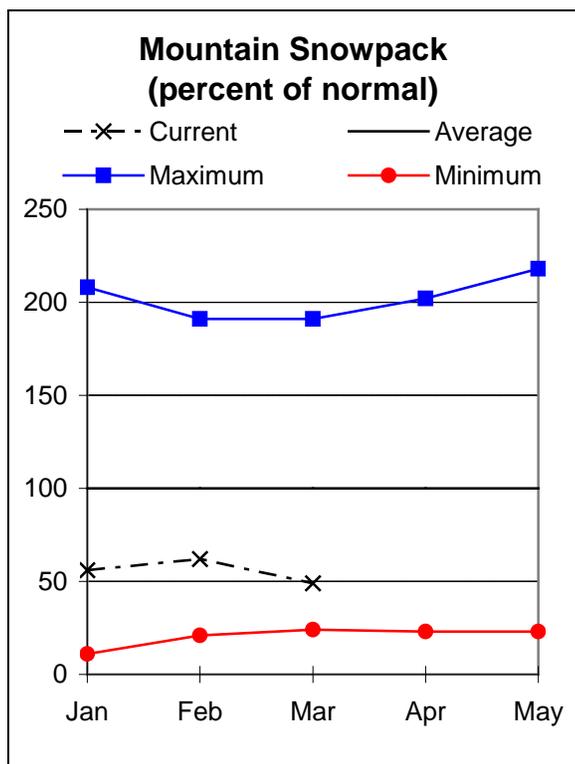
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Snowflake image courtesy of Snowflake Bentley
<http://www.snowflakebentley.com/>

ROGUE AND UMPQUA BASINS

March 1, 2005



Water Supply Outlook

February in the Rogue and Umpqua basins was warm and dry. Only 22 percent of the normal precipitation fell in the basin in February. The water year precipitation was 62 percent of average on March 1. Lack of precipitation combined with higher than normal temperatures melted much of the snow that fell in earlier months. March 1 snow water equivalent was 49 percent of average in the Rogue and Umpqua.

At the end of February, reservoir storage at Emigrant Lake, Fish Lake, Howard and Hyatt Prairies and was 82 percent of average. The combined storage at these sites is equivalent to 139.2 thousand acre feet. Summer streamflow forecasts range from 38 percent of average for Clearwater above Trap Creek (April - September) to 59 percent of average for the Rogue River above Prospect (April - July). Water users in the Rogue and Umpqua basins may expect some deficits in the coming summer.

ROGUE AND UMPQUA BASINS
Streamflow Forecasts - March 1, 2005

| 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) | |
| APPLEGATE LAKE Net Inflow (2) | APR-JUL | 26 | 46 | 60 | 54 | 74 | 94 | 112 |
| | APR-SEP | 33 | 54 | 68 | 57 | 82 | 103 | 119 |
| SF BIG BUTTE CK nr Butte Falls | APR-JUL | 7.5 | 13.7 | 18.0 | 53 | 22 | 29 | 34 |
| CLEARWATER above Trap Creek (2) | APR-SEP | 19.0 | 27 | 33 | 49 | 39 | 47 | 67 |
| COW CREEK near Azalea | MAR-JUL | 0.3 | 6.0 | 11.0 | 38 | 16.5 | 24 | 29 |
| | APR-JUL | 0.2 | 3.5 | 6.6 | 40 | 9.7 | 14.2 | 16.5 |
| | APR-SEP | 0.4 | 3.9 | 7.0 | 40 | 10.1 | 14.6 | 17.7 |
| FOURMILE LAKE net Inflow (2) | APR-JUL | 1.26 | 2.40 | 3.20 | 55 | 4.00 | 5.10 | 5.80 |
| | APR-SEP | 1.76 | 2.90 | 3.70 | 52 | 4.50 | 5.60 | 7.10 |
| GRAVE CREEK at Pease Bridge | MAR-JUL | 0.2 | 4.5 | 7.5 | 55 | 10.5 | 14.8 | 13.7 |
| HYATT PRAIRIE RES net Inflow (2) | APR-JUL | 0.19 | 1.16 | 2.10 | 44 | 3.00 | 4.40 | 4.80 |
| ILLINOIS R near Kerby | APR-JUL | 16.0 | 60 | 91 | 51 | 122 | 166 | 179 |
| | APR-SEP | 19.0 | 63 | 93 | 50 | 123 | 167 | 186 |
| NF LITTLE BUTTE CK nr Lakecreek (2) | APR-SEP | 2.5 | 5.0 | 6.6 | 49 | 8.2 | 10.7 | 13.4 |
| SF LITTLE BUTTE CK nr Lakecreek (2) | APR-SEP | 1.3 | 7.7 | 16.5 | 52 | 26 | 39 | 32 |
| LOST CREEK LAKE INFLOW (2) | APR-JUL | 170 | 230 | 270 | 51 | 310 | 370 | 530 |
| | APR-SEP | 215 | 285 | 330 | 50 | 375 | 445 | 665 |
| | MAR-JUL | 230 | 310 | 360 | 52 | 410 | 490 | 690 |
| | MAR-SEP | 290 | 375 | 430 | 52 | 485 | 570 | 825 |
| RED BLANKET CK nr Prospect | APR-JUL | 6.2 | 13.0 | 18.0 | 53 | 23 | 30 | 34 |
| ROGUE above Prospect | APR-JUL | 93 | 124 | 145 | 59 | 168 | 198 | 245 |
| | APR-SEP | 111 | 145 | 170 | 57 | 195 | 230 | 300 |
| SF ROGUE near Prospect (2) | APR-JUL | 20 | 28 | 33 | 57 | 38 | 46 | 58 |
| | APR-SEP | 21 | 30 | 36 | 51 | 42 | 51 | 70 |
| ROGUE R at Raygold (2) | APR-JUL | 230 | 330 | 395 | 54 | 460 | 560 | 730 |
| | APR-SEP | 310 | 415 | 485 | 55 | 555 | 660 | 890 |
| ROGUE R at Grants Pass (2) | APR-JUL | 225 | 315 | 380 | 51 | 445 | 535 | 740 |
| | APR-SEP | 285 | 380 | 450 | 51 | 520 | 615 | 885 |
| SUCKER CK blw Little Grayback | APR-JUL | 6.9 | 19.0 | 27 | 52 | 35 | 47 | 52 |
| | APR-SEP | 7.3 | 20 | 28 | 50 | 36 | 49 | 56 |
| NORTH UMPQUA nr Toketee Falls (2) | APR-SEP | 59 | 76 | 88 | 58 | 100 | 117 | 151 |
| NORTH UMPQUA at Winchester | APR-JUL | 195 | 335 | 430 | 54 | 525 | 665 | 795 |
| SOUTH UMPQUA near Brockway | APR-JUL | 12.0 | 107 | 190 | 48 | 275 | 395 | 400 |
| SOUTH UMPQUA at Tiller | APR-JUL | 34 | 79 | 110 | 57 | 141 | 184 | 193 |
| | APR-SEP | 38 | 82 | 113 | 55 | 144 | 189 | 205 |

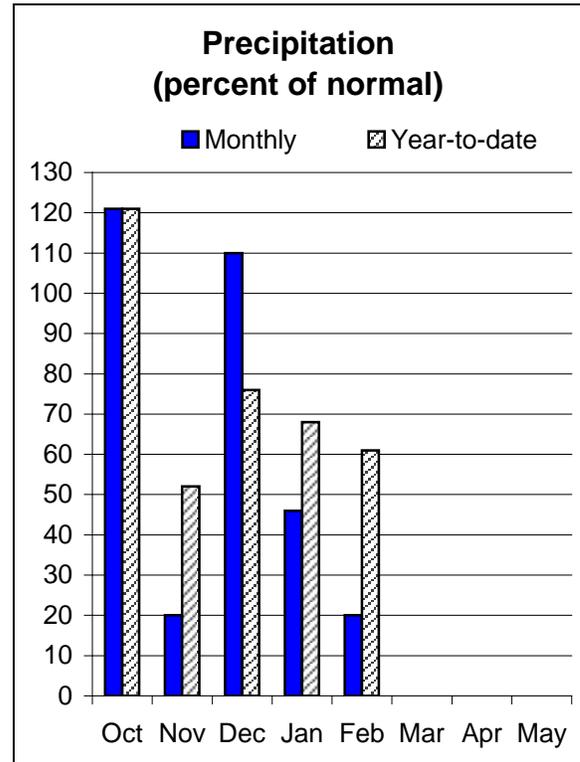
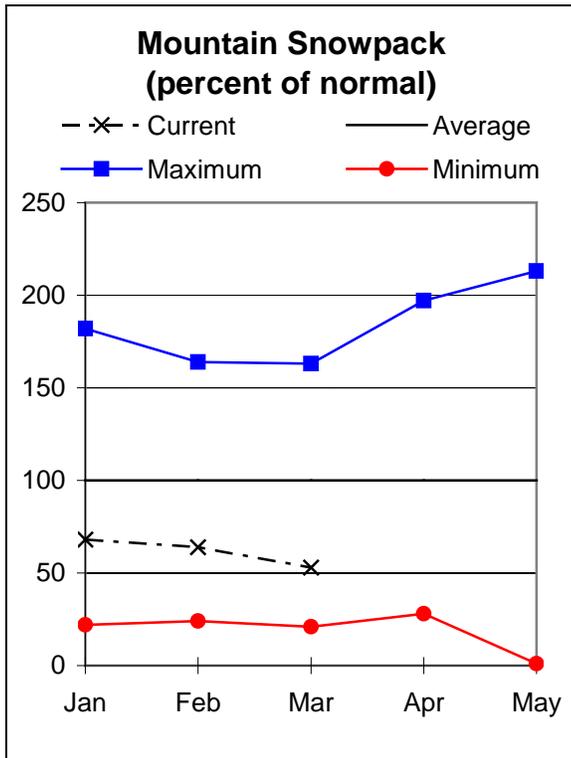
| ROGUE AND UMPQUA BASINS Reservoir Storage (1000 AF) - End of February | | | | | ROGUE AND UMPQUA BASINS Watershed Snowpack Analysis - March 1, 2005 | | | |
|--|-----------------|------------------------|-----------|-------|--|----------------------|-------------------|---------|
| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| APPLEGATE | 75.2 | 16.7 | 21.6 | 27.3 | Applegate River | 6 | 46 | 70 |
| EMIGRANT LAKE | 39.0 | 25.4 | 31.8 | 28.0 | Bear Creek | 5 | 52 | 73 |
| FISH LAKE | 8.0 | 3.9 | 3.6 | 5.6 | Butte Creek | 6 | 30 | 42 |
| FOURMILE LAKE | 16.1 | 2.9 | 2.2 | 9.4 | Illinois River | 4 | 30 | 57 |
| HOWARD PRAIRIE | 60.0 | 33.0 | 27.2 | 41.2 | North Umpqua River | 9 | 19 | 24 |
| HYATT PRAIRIE | 16.1 | 12.9 | 11.6 | 11.0 | Rogue River | 22 | 38 | 54 |
| LOST CREEK ** | 315.0 | 191.1 | 96.4 | 218.2 | | | | |

* 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.

KLAMATH BASIN

March 1, 2005



Water Supply Outlook

February precipitation in the Klamath Basin was only 20 percent of average, the lowest statewide. This followed a January where less than half the average precipitation fell. Since the beginning of the water year, the Klamath has received 61 percent of normal precipitation. The March 1 snow water equivalent measured at 13 SNOTEL sites, 6 aerial markers and 8 snow courses was 53 percent of average.

The end of February reservoir storage for Clear Lake California, Gerber Reservoir and Upper Klamath Lake was 72 percent of average or 1,131.3 thousand acre feet. Forecasted summer streamflows range from 28 percent of average for Gerber Reservoir inflow (April - September) to 53 percent of average for the Sprague near Chiloquin streamflow (March - July). Given current reservoir storage and streamflow forecasts, Klamath basin water users may expect water deficits this summer and should begin to plan accordingly.

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

KLAMATH BASIN
Streamflow Forecasts - March 1, 2005

| Forecast Point | Forecast Period | <<----- Drier ----->> | | Future Conditions | | ----- Wetter ----->> | | 30-Yr Avg. (1000AF) |
|-----------------------------------|-----------------|-----------------------|----------|---------------------------------|----------|----------------------|----------|------------------------|
| | | 90% | 70% | Chance Of Exceeding * | | 30% | 10% | |
| | | (1000AF) | (1000AF) | 50% (Most Probable) (1000AF) | (% AVG.) | (1000AF) | (1000AF) | |
| CLEAR LAKE NET INFLOW (2) | MAR-JUL | 4.0 | 16.2 | 30 | 38 | 44 | 64 | 80 |
| | APR-JUL | 1.6 | 7.3 | 16.0 | 39 | 25 | 37 | 41 |
| | APR-SEP | 1.4 | 10.0 | 19.0 | 40 | 28 | 41 | 48 |
| GERBER RESERVOIR Net Inflow (2) | MAR-JUL | 0.4 | 3.1 | 11.0 | 30 | 18.9 | 30 | 37 |
| | APR-SEP | 0.2 | 1.4 | 5.0 | 28 | 10.8 | 19.4 | 17.8 |
| Sprague River near Chiloquin | MAR-JUL | 54 | 108 | 145 | 53 | 180 | 235 | 275 |
| | APR-SEP | 40 | 85 | 115 | 50 | 145 | 189 | 230 |
| UPPER KLAMATH LAKE NET INFLOW (1) | MAR-JUL | 83 | 245 | 320 | 51 | 395 | 555 | 625 |
| | APR-SEP | 86 | 210 | 265 | 52 | 320 | 445 | 515 |
| WILLIAMSON R near Chiloquin | MAR-JUL | 153 | 200 | 235 | 53 | 270 | 315 | 441 |
| | APR-SEP | 135 | 177 | 205 | 53 | 235 | 275 | 385 |

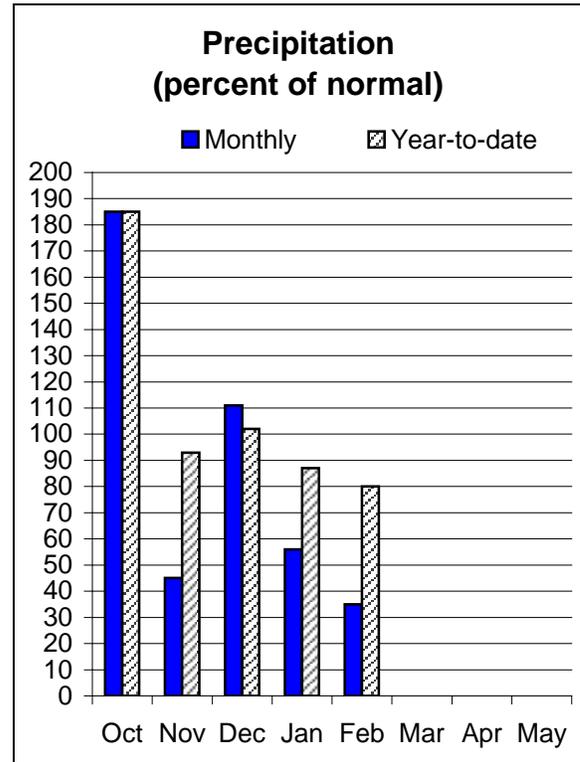
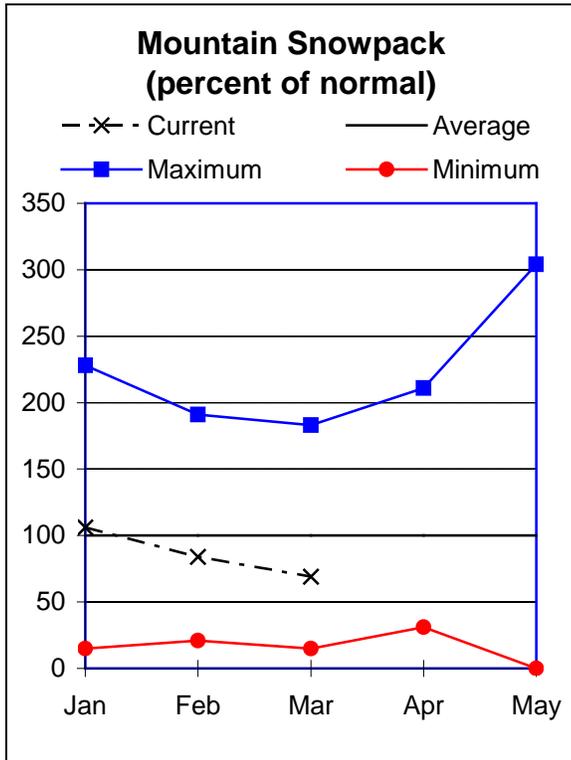
| KLAMATH BASIN Reservoir Storage (1000 AF) - End of February | | | | | KLAMATH BASIN Watershed Snowpack Analysis - March 1, 2005 | | | |
|--|-----------------|------------------------|-----------|-------|--|----------------------|-------------------|---------|
| Reservoir | Usable Capacity | *** Usable Storage *** | | | Watershed | Number of Data Sites | This Year as % of | |
| | | This Year | Last Year | Avg | | | Last Yr | Average |
| CLEAR LAKE (CALIF) | 513.3 | 69.2 | 100.1 | 224.2 | Lost River | 6 | 9 | 13 |
| GERBER | 94.3 | 19.1 | 29.8 | 54.5 | Sprague River | 6 | 58 | 81 |
| UPPER KLAMATH LAKE | 523.7 | 399.3 | 350.9 | 402.6 | Upper Klamath Lake | 13 | 39 | 53 |
| | | | | | Williamson River | 5 | 45 | 57 |

* 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
Klamath Falls - (541) 883-6932**

LAKE COUNTY AND GOOSE LAKE

March 1, 2005



Water Supply Outlook

January and February were drier than normal in Lake County and Goose Lake basins following a wet October, November December. February precipitation was only 35 percent of normal. The March 1 water year precipitation was 80 percent of average, the highest in the state. The snowpack reflects the precipitation statistics and as of March 1 was the best in the state at 69 percent of average.

At end of February, storage in Cottonwood, Drews and Thompson Valley reservoirs was 34 percent of normal, equivalent to 90.1 thousand acre feet. Forecasted summer streamflows range from 40 percent of average for Honey creek near Plush (March - July) to 59 percent of average for Cottonwood creek near Lakeview (March - July). Given current reservoir storage and streamflow forecasts, water users in the Lake County and Goose Lake Basins may anticipate water deficits this coming summer.

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, 2005

| Forecast Point | Forecast Period | <<----- Drier ----->> | | Future Conditions | | ----- Wetter ----->> | | 30-Yr Avg. (1000AF) |
|--------------------------------|-----------------|-----------------------|-----------------|---------------------------------|-----------------------------------|----------------------|-----------------|------------------------|
| | | 90% (1000AF) | 70% (1000AF) | 50% (Most Probable) (1000AF) | Chance Of Exceeding * (% AVG.) | 30% (1000AF) | 10% (1000AF) | |
| BRIDGE CK nr Spahr Ranch | APR-JUL | 0.10 | 0.87 | 1.50 | 47 | 2.13 | 3.06 | 3.20 |
| CHEWAUCAN R nr Paisley | MAR-JUL | 23 | 39 | 50 | 56 | 61 | 77 | 89 |
| COTTONWOOD CK nr Lakeview (2) | MAR-JUL | 3.3 | 5.1 | 6.3 | 59 | 7.5 | 9.3 | 10.6 |
| DEEP CK abv Adel | MAR-JUL | 21 | 36 | 46 | 55 | 56 | 71 | 84 |
| DREWS RESERVOIR net Inflow (2) | MAR-JUL | 1.5 | 10.1 | 16.0 | 44 | 22 | 30 | 36 |
| HONEY CK nr Plush | MAR-JUL | 0.2 | 4.7 | 8.0 | 40 | 11.3 | 16.1 | 20 |
| SILVER CK nr Silver Lk | MAR-JUL | 0.7 | 5.7 | 9.0 | 46 | 12.3 | 17.3 | 19.7 |
| TWENTYMILE CK nr Adel | MAR-JUL | 0.2 | 9.0 | 15.0 | 54 | 21 | 30 | 28 |

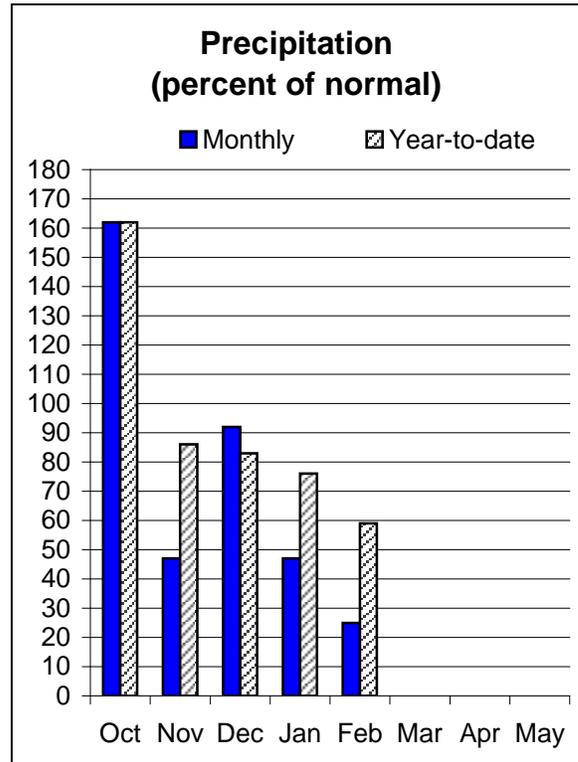
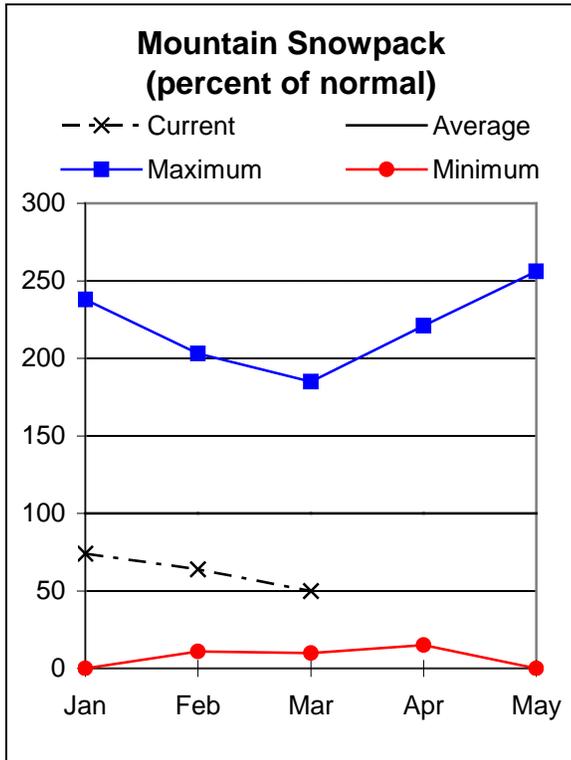
| LAKE COUNTY AND GOOSE LAKE BASINS Reservoir Storage (1000 AF) - End of February | | | | | LAKE COUNTY AND GOOSE LAKE BASINS Watershed Snowpack Analysis - March 1, 2005 | | | |
|--|-----------------|------------------------|-----------|------|--|----------------------|-------------------|---------|
| 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 | 5.0 | 7.5 | 3.8 | Chewaucan River | 5 | 46 | 57 |
| DREWS | 63.0 | 8.6 | 19.0 | 37.5 | Deep Creek | 4 | 56 | 76 |
| THOMPSON VALLEY | 18.4 | 3.9 | 2.5 | 10.8 | Drew Creek | 5 | 41 | 55 |
| | | | | | Honey Creek | 3 | 39 | 57 |
| | | | | | Silver Creek (Lake Co.) | 4 | 62 | 93 |
| | | | | | Twentymile Creek | 6 | 54 | 78 |

* 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, 2005



Water Supply Outlook

Harney basin had a very dry February, receiving only 25 percent of its normal precipitation. The water year precipitation as of March 1 was 59 percent of average. Snowpack in the basin was only 50 percent of normal.

Summer streamflow forecasts range from 51 percent of average for the Donner und Blitzen River near Frenchglen (April-September) to 65 percent of average for Trout Creek near Denio (April-September). Water users in the Harney basin may anticipate water supply deficits in the coming summer.

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

HARNEY BASIN
Streamflow Forecasts - March 1, 2005

| Forecast Point | Forecast Period | <<==== Drier ==== Future Conditions ===== Wetter =====>> | | Chance Of Exceeding * | | | | 30-Yr Avg. (1000AF) |
|------------------------------------|-----------------|--|----------|-----------------------|----------|----------|----------|------------------------|
| | | 90% | 70% | 50% (Most Probable) | | 30% | 10% | |
| | | (1000AF) | (1000AF) | (1000AF) | (% AVG.) | (1000AF) | (1000AF) | |
| DONNER und BLITZEN R nr Frenchglen | MAR-JUL | 16.7 | 29 | 38 | 51 | 47 | 59 | 75 |
| | APR-SEP | 17.0 | 28 | 36 | 51 | 44 | 55 | 70 |
| SILVER CK nr Riley | MAR-JUL | 9.3 | 13.9 | 17.0 | 61 | 21 | 25 | 28 |
| SILVIES R nr Burns | MAR-JUL | 16.0 | 52 | 77 | 60 | 102 | 138 | 129 |
| | APR-SEP | 7.7 | 39 | 61 | 62 | 83 | 114 | 99 |
| TROUT CK nr Denio | MAR-JUL | 3.1 | 5.5 | 7.2 | 65 | 8.9 | 11.3 | 11.1 |
| | APR-SEP | 2.6 | 5.0 | 6.7 | 65 | 8.4 | 10.8 | 10.3 |

| HARNEY BASIN Reservoir Storage (1000 AF) - End of February | | | | HARNEY BASIN Watershed Snowpack Analysis - March 1, 2005 | | | | |
|---|-----------------|------------------------|-----------|---|--------------------------|----------------------|-------------------|---------|
| 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 | 32 | 47 |
| | | | | | Silver Creek (Harney Co) | 2 | 43 | 63 |
| | | | | | Silvies River | 6 | 37 | 54 |
| | | | | | Trout Creek | 4 | 40 | 70 |

* 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
Hines - (541) 573-6446**

LOW FLOW FORECASTS FOR OREGON AS OF March 1, 2005

| FORECAST POINT | LOW FLOW CFS | FORECAST DATE OF LOW FLOW | AVERAGE DATE OF LOW FLOW |
|----------------|--------------------|---------------------------------|--------------------------------|
|----------------|--------------------|---------------------------------|--------------------------------|

OWYHEE AND MALHEUR BASINS:

| | | | | |
|----------------|------|--------|--|--------|
| Owyhee nr Rome | 2000 | *** | | May 14 |
| | 1000 | Apr 15 | | May 28 |
| | 500 | May 1 | | Jun 11 |

BURNT, POWDER, PINE, GRANDE RONDE AND IMNAHA BASINS:

| | | | | |
|-----------------|-----|--------|-----------|--------|
| Eagle Ck above | 225 | Jun 15 | | Jul 25 |
| Skull Ck | 160 | Jun 21 | | Aug 5 |
| | | | Avg Value | |
| Catherine Ck nr | 30 | Aug 1 | | 49 cfs |
| Union | 100 | Jun 15 | | Jul 9 |
| | 50 | Jun 30 | | Jul 28 |
| Powder near | 100 | May 30 | | Jun 25 |
| Sumpter | 20 | Jun 25 | | Jul 22 |
| Deer Ck above | 40 | May 15 | | Jun 17 |
| Phillips Resv | 10 | Jun 3 | | Jul 6 |
| nr Sumpter | | | | |

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

| | | | | |
|----------------|-----|----------|-----------|---------|
| Umatilla at | 550 | Apr 20 | | May 17 |
| Pendleton | | | | |
| SF Walla Walla | 200 | May 10 | | Jun 9 |
| nr Milton | | Min Flow | Avg Value | |
| | 75 | Aug-Sep | | 105 cfs |

UPPER JOHN DAY BASIN:

| | | | | |
|-------------|-----|-------|--|-----------|
| John Day at | 110 | Aug 1 | | Avg Value |
| Service Ck | | | | 212 cfs |

UPPER DESCHUTES AND CROOKED BASINS:

| | | | | |
|--------------------|------|--------|--|--------|
| Crane Prairie | 200 | Peak | | |
| Net Inflow | 97 | Oct 31 | | |
| | Peak | May 27 | | |
| Crooked R | 100 | May 1 | | Jun 1 |
| Deschutes blw Bend | 1500 | *** | | Jul 1 |
| Little Deschutes | 400 | *** | | Jun 7 |
| nr LaPine | 200 | May 12 | | Jul 8 |
| Squaw Ck nr | 100 | Jun 12 | | Aug 16 |
| Sisters | | | | |
| Tumalo Ck nr | 235 | Jun 10 | | Jun 23 |
| Bend | 207 | Jun 12 | | Jun 25 |
| | 150 | Jun 18 | | Jul 5 |
| | 71 | Jun 20 | | Aug 7 |

*** flow will not reach this value

| FORECAST POINT | LOW FLOW CFS | FORECAST DATE OF LOW FLOW | AVERAGE DATE OF LOW FLOW |
|----------------|--------------|---------------------------|--------------------------|
|----------------|--------------|---------------------------|--------------------------|

HOOD, MILE CREEKS AND LOWER DESCHUTES BASINS:

| | | | |
|----------------------|-----|-----------|----------------------|
| Clear Branch Inflow | 25* | Jul 15-31 | 39**cfs |
| White bl Tygh Valley | 200 | May 20 | Jul 3 |
| | 100 | Aug 1 | Avg Value 145 cfs |

* Average cfs forecast to flow for this two-week period.

** Average cfs for period of record.

ROGUE AND UMPQUA BASINS:

| | | | |
|--------------------------|-----|--------|--------|
| Cow Ck nr | 20 | Jun 10 | Jul 4 |
| Azalea | 10 | Jul 10 | Aug 19 |
| Little Butte Ck SF | 100 | Apr 30 | May 15 |
| South Umpqua nr Brockway | 90 | Aug 1 | Aug 28 |
| South Umpqua at Tiller | 140 | Jun 25 | Jul 12 |
| | 90 | Jul 12 | Jul 28 |
| | 60 | Jul 30 | Aug 24 |

LAKE COUNTY AND GOOSE LAKE BASINS:

| | | | |
|--------------------|-----|--------|--------|
| Deep Ck abv Adel | 100 | May 25 | Jun 21 |
| Honey Ck nr Plush | 100 | *** | May 15 |
| | 50 | May 20 | May 30 |
| Twentymile nr Adel | 50 | May 1 | Jun 2 |
| | 10 | May 30 | Jul 3 |

HARNEY BASIN:

| | | | |
|--------------------|-----|--------|--------|
| Silvies nr Burns | 400 | *** | May 5 |
| | 200 | May 1 | May 21 |
| | 100 | May 15 | Jun 9 |
| | 50 | May 30 | Jun 23 |
| Donner und Blitzen | 200 | Jun 1 | Jun 15 |
| | 100 | Jun 20 | Jul 5 |

*** flow may will not reach this value

BASIN SUMMARY OF
SNOW COURSE DATA

MARCH 2005

| SNOW COURSE | ELEVATION | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|-----------|---------|------------|---------------|-----------|---------------|
| ----- | | | | | | |
| Oregon | | | | | | |
| ALTHOUSE #2 | 4530 | 3/01/05 | --- | 3.5E | 6.5 | 4.7 |
| ANEROID LAKE SNOTEL | 7300 | 3/01/05 | 36 | 9.3 | 15.8 | 21.0 |
| ANNIE SPRING REV | 6120 | 2/28/05 | 62 | 20.2 | 47.2 | 36.4 |
| ANNIE SPRING SNOTEL | 6120 | 3/01/05 | 54 | 19.3 | 47.7 | -- |
| ANTHONY LAKE | 7130 | 2/25/05 | 38 | 12.1 | 27.0 | 21.8 |
| ARBUCKLE MTN. | 5400 | 3/01/05 | --- | 3.5E | 9.5 | 8.6 |
| ARBUCKLE MTN SNOTEL | 5400 | 3/01/05 | 37 | 7.9 | 20.3 | 18.5 |
| BALD PETER | 5400 | 2/25/05 | 23 | 8.2 | 29.0 | 26.6 |
| BARLEY CAMP AM | 6900 | 2/24/05 | 34 | 12.2 | 19.8 | 14.9 |
| BEAR FLAT MEADOW AM | 5900 | 2/24/05 | 0 | .0 | 11.5 | 11.1 |
| BEAVER CREEK #1 | 4250 | 2/23/05 | 12 | 3.0 | 16.6 | 14.7 |
| BEAVER CREEK #2 | 4250 | 2/23/05 | 6 | 1.2 | 12.8 | 9.8 |
| BEAVER DAM CREEK | 5100 | 2/25/05 | 14 | 7.0 | 18.0 | 11.4 |
| BEAVER RES. SNOTEL | 5150 | 3/01/05 | 22 | 5.5 | 14.8 | 8.6 |
| BIG RED MTN SNOTEL | 6250 | 3/01/05 | 52 | 16.3 | 31.3 | 22.5 |
| BIGELOW CAMP SNOTEL | 5120 | 3/01/05 | 7 | 4.1 | 23.5 | 12.7 |
| BILLIE CK DVD SNOTEL | 5300 | 3/01/05 | 15 | 6.7 | 32.3 | 21.4 |
| BLAZED ALDER SNOTEL | 3650 | 3/01/05 | 14 | 5.9 | 36.2 | 30.1 |
| BLUE MTN SPGS SNOTEL | 5900 | 3/01/05 | 20 | 6.7 | 18.3 | 15.7 |
| BOULDER CREEK AM | 5690 | 3/01/05 | 6 | 1.9 | -- | 3.8 |
| BOURNE SNOTEL | 5800 | 3/01/05 | --- | 5.7 | 17.8 | 16.6 |
| BOWMAN SPRNGS SNOTEL | 4580 | 3/01/05 | --- | 3.3 | 12.9 | 9.1 |
| BUCK PASTURE AM | 5700 | 3/01/05 | 0 | .0 | 7.6 | 2.4 |
| BUCKSKIN LAKE AM | 5200 | 3/01/05 | 0 | .0 | -- | .5 |
| BULLY CREEK AM | 5300 | 3/01/05 | 8 | 2.7 | -- | 2.2 |
| CALIBAN ALT | 6500 | 2/24/05 | 57 | 19.4 | 36.2 | 25.2 |
| CALL MEADOWS AM | 5340 | 3/01/05 | 13 | 4.4 | 12.2 | 4.2 |
| CAMAS CREEK #3 | 5850 | 2/25/05 | 26 | 8.4 | 17.1 | 11.9 |
| CASCADE SUM. SNOTEL | 4880 | 3/01/05 | 33 | 13.2 | 34.0 | 27.2 |
| CHEMULT ALT SNOTEL | 4760 | 3/01/05 | --- | 5.6 | 12.0 | 8.1 |
| CLACKAMAS LK. SNOTEL | 3400 | 3/01/05 | 9 | 3.2 | 12.6 | 12.3 |
| CLEAR LAKE SNOTEL | 3500 | 3/01/05 | --- | 1.4 | 13.9 | 13.2 |
| COLD SPRINGS SNOTEL | 6100 | 3/01/05 | --- | 8.6 | 36.9 | 27.0 |
| COLVIN CREEK AM | 6550 | 2/24/05 | 0 | .0 | 9.9 | 4.2 |
| COUNTY LINE SNOTEL | 4800 | 3/01/05 | --- | .3 | 7.6 | 4.6 |
| COX FLAT AM | 5750 | 2/24/05 | 6 | 2.2 | 11.9 | 7.1 |
| CRAZYMEN FLAT AM | 6100 | 2/24/05 | 13 | 4.3 | 11.5 | 9.1 |
| CRAZYMEN FLAT SNOTEL | 6100 | 3/01/05 | 31 | 11.4 | 17.8 | -- |
| DALY LAKE SNOTEL | 3600 | 3/01/05 | 0 | .0 | 21.9 | 15.0 |
| DEADHORSE GRADE | 3700 | 2/28/05 | 0 | .0 | 11.1 | 8.5 |
| DEADWOOD JUNCTION | 4600 | 2/25/05 | 7 | 3.1 | 9.1 | 6.9 |
| DERR | 5670 | 2/28/05 | 22 | 7.3 | 12.4 | 9.7 |
| DERR SNOTEL | 5670 | 3/01/05 | --- | 11.7 | 16.6 | 13.7 |
| DIAMOND LAKE SNOTEL | 5320 | 3/01/05 | --- | 1.6 | 17.3 | 15.0 |
| DOG HOLLOW AM | 4900 | 2/24/05 | 0 | .0 | .0 | 1.0 |
| DOOLEY MOUNTAIN | 5430 | 2/24/05 | 24 | 7.6 | 15.0 | 7.9 |
| EILERTSON SNOTEL | 5400 | 3/01/05 | 13 | 5.4 | 9.5 | 9.6 |
| ELDORADO PASS | 4600 | 2/24/05 | 11 | 2.7 | 7.2 | 3.4 |
| EMIGRANT SPGS SNOTEL | 3930 | 3/01/05 | --- | .3 | 8.4 | 5.7 |
| FINLEY CORRALS AM | 6000 | 2/24/05 | 38 | 13.7 | 19.2 | 14.8 |
| FISH CREEK SNOTEL | 7900 | 3/01/05 | 44 | 14.2 | 29.9 | 23.9 |
| FISH LK. SNOTEL | 4670 | 3/01/05 | --- | 1.9 | 17.8 | 11.1 |
| FLAG PRAIRIE AM | 4750 | 3/01/05 | 14 | 4.8 | -- | 4.5 |
| FOURMILE LAKE SNOTEL | 6000 | 3/01/05 | 30 | 10.9 | 32.8 | 27.1 |
| GERBER | 4850 | 2/28/05 | 0 | .0 | 2.0 | 1.6 |
| GERBER RES SNOTEL | 4850 | 3/01/05 | 0 | .0 | 3.5 | -- |
| GOLD CENTER SNOTEL | 5340 | 3/01/05 | 15 | 6.0 | 10.9 | 10.3 |
| GRAYBACK PEAK | 6000 | 2/25/05 | 31 | 12.0 | 31.5 | 14.6 |
| GREENPOINT SNOTEL | 3200 | 3/01/05 | --- | 2.2 | 26.7 | 17.8 |
| HART MOUNTAIN AM | 6350 | 2/24/05 | 0 | .0 | 4.6 | 2.0 |
| HIGH PRAIRIE | 6100 | 2/28/05 | 34 | 11.4 | 40.1 | 41.1 |
| HIGH RIDGE SNOTEL | 4980 | 3/01/05 | 21 | 6.6 | 22.6 | 21.2 |
| HOGG PASS SNOTEL | 4760 | 3/01/05 | 32 | 8.7 | 31.2 | 34.0 |
| HOLLAND MDWS SNOTEL | 4900 | 3/01/05 | --- | .3 | 28.0 | 21.0 |
| HOWARD PRAIRIE | 4500 | 2/25/05 | 14 | 6.0 | 10.1 | 7.3 |
| IRISH-TAYLOR SNOTEL | 5500 | 3/01/05 | 48 | 18.5 | 41.6 | 30.7 |
| JUMP OFF JOE SNOTEL | 3400 | 3/01/05 | 6 | 2.0 | 16.7 | 11.4 |
| KING MTN #1 | 4500 | 2/24/05 | 6 | 2.3 | 10.2 | 6.7 |

| SNOW COURSE | | ELEVATION | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|--------|-----------|---------|------------|---------------|-----------|---------------|
| KING MTN #2 | SNOTEL | 4000 | 3/01/05 | 0 | .0 | 7.7 | 3.8 |
| KING MTN #3 | | 3650 | 2/24/05 | 0 | .0 | .4 | 1.0 |
| KING MTN #4 | | 3050 | 2/24/05 | 0 | .0 | .0 | .1 |
| LAKE CK R.S. | SNOTEL | 5200 | 3/01/05 | --- | 4.1 | 14.5 | 11.6 |
| LITTLE ALPS | | 6200 | 2/25/05 | 26 | 6.4 | 13.7 | 11.1 |
| LITTLE ANTONE (ALT) | | 5000 | 2/25/05 | 18 | 6.5 | 12.6 | 8.4 |
| LITTLE MEADOW | SNOTEL | 4000 | 3/01/05 | 20 | 7.6 | 32.3 | 22.8 |
| LOOKOUT BUTTE | AM | 5650 | 3/01/05 | 0 | .0 | 1.1 | .3 |
| LOUSE CANYON | AM | 6440 | 3/01/05 | 5 | 1.8 | 14.4 | 5.8 |
| LUCKY STRIKE | SNOTEL | 5050 | 3/01/05 | 8 | 2.6 | 10.5 | 9.3 |
| MADISON BUTTE | SNOTEL | 5250 | 3/01/05 | --- | .8 | 2.5 | 4.8 |
| MARION FORKS | SNOTEL | 2600 | 3/01/05 | --- | 2.7 | 11.9 | 10.2 |
| MARKS CREEK | | 4540 | 2/23/05 | 8 | 3.1 | 5.2 | 3.2 |
| MARY'S PEAK REV | | 3620 | 2/25/05 | 0 | .0 | 4.8 | 5.8 |
| MCKENZIE | SNOTEL | 4800 | 3/01/05 | 37 | 15.9 | 42.6 | 37.5 |
| MEACHAM | | 4300 | 2/28/05 | 4 | 1.3 | 11.6 | 8.5 |
| MOSS SPRINGS | SNOTEL | 5850 | 3/01/05 | 34 | 10.2 | 26.8 | 22.2 |
| MT ASHLAND SWBK. | | 6400 | 2/24/05 | 57 | 19.8 | 38.2 | 27.2 |
| MT HOOD | | 5400 | 3/01/05 | 40 | 15.1 | 56.8 | 53.9 |
| MT HOOD TEST | SNOTEL | 5400 | 3/01/05 | 38 | 12.2 | 54.0 | 48.4 |
| MT HOWARD | SNOTEL | 7910 | 3/01/05 | 27 | 7.9 | 11.7 | 12.8 |
| MUD RIDGE | SNOTEL | 3800 | 3/01/05 | 22 | 8.3 | 27.4 | 21.9 |
| NEW CRESCENT | SNOTEL | 5400 | 3/01/05 | --- | 5.4 | 18.6 | 11.0 |
| NEW DUTCHMAN #3 | | 6400 | 2/25/05 | 58 | 2.1 | 49.8 | 46.1 |
| NORTH FK RES | SNOTEL | 3120 | 3/01/05 | --- | 4.4 | 28.9 | 16.4 |
| NORTH UMPQUA | | 4220 | 2/25/05 | 4 | 1.4 | 14.7 | 10.7 |
| OCHOCO MEADOWS | | 5200 | 2/23/05 | 26 | 7.8 | 14.2 | 9.6 |
| OCHOCO MEADOW | SNOTEL | 5200 | 3/01/05 | --- | 6.5 | 14.7 | 9.3 |
| OREGON CANYON | AM | 6950 | 3/01/05 | 12 | 4.2 | 10.3 | 5.5 |
| PAGE MTN | | 4050 | 3/01/05 | --- | .0E | 3.0 | 2.1 |
| PARK H.Q. REV | | 6550 | 2/28/05 | 84 | 29.4 | 58.5 | 48.0 |
| PATTON MEADOWS | AM | 6800 | 2/24/05 | 43 | 15.5 | 16.3 | 15.1 |
| PEAVINE RIDGE | SNOTEL | 3500 | 3/01/05 | 7 | 1.9 | 20.1 | 13.2 |
| PUEBLO SUMMIT | AM | 6800 | 3/01/05 | 3 | 1.0 | 6.8 | 2.5 |
| QUARTZ MTN | SNOTEL | 5320 | 3/01/05 | 0 | .0 | 2.3 | 2.6 |
| RACING CREEK | | 4800 | 2/25/05 | 9 | 2.4 | 20.0 | 12.3 |
| R.R. OVERPASS | SNOTEL | 2750 | 3/01/05 | 0 | .0 | .0 | .1 |
| RED BUTTE #1 | | 4560 | 2/25/05 | 5 | 1.9 | 19.1 | 10.2 |
| RED BUTTE #2 | | 4000 | 2/25/05 | 0 | .0 | .0 | 5.3 |
| RED BUTTE #3 | | 3500 | 2/25/05 | 0 | .0 | .0 | 2.3 |
| RED BUTTE #4 | | 3000 | 2/25/05 | 0 | .0 | .0 | .8 |
| RED HILL | SNOTEL | 4400 | 3/01/05 | --- | 5.0 | 45.5 | 41.4 |
| ROARING RIVER | SNOTEL | 4900 | 3/01/05 | --- | 9.0 | 36.4 | 25.5 |
| ROCK SPRINGS | SNOTEL | 5100 | 3/01/05 | --- | 3.0 | 8.7 | 5.3 |
| ROGGER MEADOWS | AM | 6500 | 2/24/05 | 10 | 3.6 | 14.2 | 10.9 |
| SADDLE MTN | SNOTEL | 3250 | 3/01/05 | 0 | .0 | .7 | 6.2 |
| SALT CK FALLS | SNOTEL | 4000 | 3/01/05 | --- | 4.1 | 21.3 | 16.5 |
| SANTIAM JCT. | SNOTEL | 3750 | 3/01/05 | 2 | .4 | 17.3 | 17.8 |
| SCHNEIDER MDW | SNOTEL | 5400 | 3/01/05 | 48 | 13.3 | 25.2 | 27.6 |
| SEINE CREEK | SNOTEL | 2000 | 3/01/05 | 0 | .0 | .0 | 2.9 |
| SEVENMILE MARSH SNTL | | 5730 | 3/01/05 | --- | 11.0 | 42.1 | 26.7 |
| SHERMAN VALLEY | AM | 6600 | 2/24/05 | 20 | 7.2 | 12.5 | 11.3 |
| SILVER BURN | | 3720 | 2/28/05 | 15 | 7.3 | 18.0 | 10.5 |
| SILVER CREEK | SNOTEL | 4900 | 3/01/05 | 17 | 8.9 | 14.1 | 9.8 |
| SILVIES | SNOTEL | 6900 | 3/01/05 | 27 | 9.4 | 16.1 | 15.6 |
| SISKIYOU SUMMIT REV | | 4630 | 2/24/05 | 9 | 4.0 | 10.7 | 5.3 |
| SKI BOWL ROAD | | 6000 | 2/24/05 | 44 | 15.0 | 26.2 | 22.0 |
| SNOW MTN | SNOTEL | 6220 | 3/01/05 | 24 | 6.4 | 13.6 | 10.3 |
| SF BULL RUN | SNOTEL | 2630 | 3/01/05 | 0 | .0 | .5 | -- |
| STARR RIDGE | SNOTEL | 5150 | 3/01/05 | --- | 3.9 | 10.1 | 6.0 |
| STRAWBERRY | SNOTEL | 5760 | 3/01/05 | --- | .8 | 7.3 | 5.5 |
| SUMMER RIM | SNOTEL | 7100 | 3/01/05 | 45 | 12.9 | 17.5 | 15.2 |
| SUMMIT LAKE | SNOTEL | 5600 | 3/01/05 | --- | 18.3 | 41.2 | 31.5 |
| SYCAN FLAT | AM | 5500 | 2/24/05 | 9 | 3.6 | 12.2 | 5.5 |
| TANGENT | | 5400 | 2/24/05 | 24 | 9.4 | 24.8 | 19.9 |
| TAYLOR BUTTE | SNOTEL | 5100 | 3/01/05 | 17 | 8.4 | 10.9 | 6.0 |
| TAYLOR GREEN | SNOTEL | 5740 | 3/01/05 | 31 | 8.4 | 20.3 | 18.9 |
| THREE CK MEAD | SNOTEL | 5650 | 3/01/05 | --- | 6.3 | 21.1 | 16.9 |
| TIPTON | SNOTEL | 5100 | 3/01/05 | 22 | 5.9 | 15.1 | 12.8 |
| TOLLGATE | | 5070 | 2/28/05 | 25 | 8.0 | 33.2 | 24.5 |
| TRAP CREEK | | 3800 | 2/25/05 | 5 | 1.8 | 13.0 | 9.1 |
| TROUT CREEK | AM | 7800 | 3/01/05 | 36 | 11.5 | 21.3 | 9.7 |
| V LAKE | AM | 6600 | 3/01/05 | 0 | .0 | 17.1 | 7.3 |
| WOLF CREEK | SNOTEL | 5700 | 3/01/05 | --- | 7.5 | 17.4 | 14.7 |

| SNOW COURSE | ELEVATION | DATE | SNOW DEPTH | WATER CONTENT | LAST YEAR | AVERAGE 71-00 |
|----------------------|-----------|---------|------------|---------------|-----------|---------------|
| California | | | | | | |
| ADIN MOUNTAIN (d) | 6350 | 2/24/05 | 30 | 8.8 | 15.0 | 11.7 |
| ADIN MTN SNOTEL | 6350 | 3/01/05 | 31 | 8.3 | 17.0 | 12.2 |
| CEDAR PASS SNOTEL | 7100 | 3/01/05 | --- | 13.6 | 20.9 | 15.6 |
| CROWDER FLAT AM | 5200 | 2/24/05 | 0 | .0 | 6.1 | 2.3 |
| CROWDER FLAT SNOTEL | 5200 | 3/01/05 | 2 | .2 | 7.3 | -- |
| DISMAL SWAMP SNOTEL | 7000 | 3/01/05 | --- | 22.5 | 31.9 | 23.7 |
| STATE LINE AM | 5750 | 2/24/05 | 5 | 1.8 | 11.6 | 6.8 |
| Idaho | | | | | | |
| BATTLE CREEK AM | 5720 | 3/01/05 | 0 | .0 | -- | 3.9 |
| BULL BASIN AM | 5460 | 3/01/05 | 0 | .0 | 5.8 | 1.6 |
| MUD FLAT SNOTEL | 5730 | 3/01/05 | 8 | 3.5 | 9.5 | 6.8 |
| RED CANYON AM | 6650 | 3/01/05 | 0 | .0 | 13.7 | 7.3 |
| SILVER CITY | 6400 | 2/24/05 | 28 | 10.0 | 22.8 | 14.9 |
| SOUTH MTN SNOTEL | 6500 | 3/01/05 | 25 | 8.7 | 20.9 | 17.1 |
| SUCCOR CREEK AM | 6100 | 3/01/05 | 12 | 4.6 | 16.2 | 7.4 |
| VAUGHT RANCH AM | 5830 | 3/01/05 | 0 | .0 | -- | 4.7 |
| Nevada | | | | | | |
| BALD MOUNTAIN AM | 6720 | 2/24/05 | 9 | 3.6 | 6.3 | 3.2 |
| BEAR CREEK SNOTEL | 7800 | 3/01/05 | --- | 13.7 | 21.5 | 17.1 |
| BIG BEND SNOTEL | 6700 | 3/01/05 | 22 | 6.4 | 10.8 | 8.6 |
| BUCKSKIN, L SNOTEL | 6700 | 3/01/05 | 32 | 6.3 | 15.6 | 8.5 |
| COLUMBIA BASIN AM | 6650 | 2/25/05 | 11 | 2.9 | 14.9 | 8.8 |
| DISASTER PEAK SNOTEL | 6500 | 3/01/05 | 11 | 2.5 | 9.9 | 9.7 |
| FAWN CREEK SNOTEL | 7050 | 3/01/05 | 42 | 10.1 | 17.3 | 14.4 |
| FRY CANYON | 6700 | 2/25/05 | 20 | 5.7 | 8.1 | 7.3 |
| GOLD CREEK | 6600 | 2/25/05 | 15 | 4.0 | 7.0 | 5.6 |
| GRANITE PEAK SNOTEL | 7800 | 3/01/05 | 52 | 16.7 | 23.8 | 19.7 |
| JACK CREEK, U SNOTEL | 7280 | 3/01/05 | 42 | 10.0 | 19.8 | 15.7 |
| LAMANCE CREEK SNOTEL | 6000 | 3/01/05 | 21 | 6.3 | 14.7 | 12.6 |
| LAUREL DRAW SNOTEL | 6700 | 3/01/05 | 24 | 6.6 | 12.0 | 9.2 |
| LITTLE BALLY MTN. AM | 6000 | 2/24/05 | 8 | 2.9 | 8.6 | 3.8 |
| MERRIT MOUNTAIN AM | 7000 | 2/25/05 | 6 | 1.6 | 7.4 | 6.6 |
| MIDAS (d) | 7200 | 2/25/05 | 19 | 4.7 | 9.6 | 3.7 |
| QUINN RIDGE AM | 6300 | 3/01/05 | 4 | 1.4 | 7.8 | 2.1 |
| SEVENTYSIX CK SNOTEL | 7100 | 3/01/05 | 27 | 7.8 | 12.7 | 10.9 |
| STAG MOUNTAIN AM | 7700 | 2/25/05 | 26 | 7.0 | 7.4 | 5.3 |
| TAYLOR CANYON SNOTEL | 6200 | 3/01/05 | 20 | 5.9 | 9.5 | 5.3 |
| TOE JAM AM | 7700 | 2/25/05 | 36 | 9.0 | 13.6 | 9.4 |
| TREMEWAN RANCH | 5700 | 2/25/05 | 17 | 5.2 | 4.8 | 1.9 |

(d) denotes discontinued site.

Western Snow Conference

A tradition started in 1932 to share information about measuring snow and predicting streamflow for snowmelt dominated streams in the western U.S. This tradition became the Western Snow Conference. The 73rd annual conference will be in Great Falls, Montana April 11-14, 2005. Today, the Western Snow Conference provides an international forum for individuals and organizations to share their research and information on snow hydrology. This year's theme is "Exploring New Frontiers in Snow Hydrology – 200 Years after Lewis & Clark". Session topics include: Remote Sensing of Mountain Snowpack and panel discussion, Hydrologic Modeling in Snowmelt Dominated Basins, Historical View of Snow and Climate, and the Role of Snow in Water Conservation, along with a poster paper display and vendor exhibit. Additional information for registration and lodging is on the Western Snow Conference web page at: <http://www.westernsnowconference.org/>