

United States
 Department of
 Agriculture

Natural Resources
 Conservation
 Service

National Water and
 Climate Center
 Portland, Oregon

WEEKLY SNOTEL SNOWPACK AND PRECIPITATION REPORT
 As of Monday, September 27, 2010

The National Water and Climate Center creates and transmits the weekly Western US Basin snowpack and cumulative precipitation report every Monday. This report is based on an analysis of data collected at over 680 NRCS SNOTEL sites in the Western United States. A narrative description of significant changes and events will be included in this report as conditions warrant. Please contact one of the names below if you have any questions or comments.

WEEKLY SNOTEL SNOWPACK AND PRECIPITATION REPORT
 As of Monday, September 27, 2010

STATE RIVER BASIN	Number of Sites	PERCENT OF AVERAGE Snow Water Equivalent	Accum Precip

ALASKA			
ANCHORAGE/SHIP CREEK BASIN	4 of 4	*	96
SUSITNA BASIN	5 of 6	*	81
NORTHERN KENAI MOUNTAINS	6 of 6	*	106
SOUTHERN KENAI	6 of 6	*	80
COPPER BASIN	4 of 4	*	81
PRINCE WILLIAM SOUND	5 of 6	*	97
CHENA BASIN	6 of 6	*	61
UPPER TANANA	3 of 3	*	112
KOYUKUK BASIN	3 of 3	*	75
CENTRAL YUKON BASIN	3 of 3	*	65
SEWARD PENINSULA	2 of 2	*	97
KUPARUK RIVER BASIN	1 of 1	*	93
SOUTHEAST ALASKA BASIN	1 of 1	*	*
ARIZONA			
VERDE RIVER BASIN	5 of 7	*	118
SAN FRANCISCO PEAKS	0 of 1	*	*
CENTRAL MOGOLLON RIM	3 of 3	*	117
LITTLE COLORADO - SOUTHERN HEADWATERS	5 of 5	*	118
UPPER SALT RIVER BASIN / WHITE MOUNTAINS	6 of 7	*	106
SAN FRANCISCO RIVER BASIN	5 of 5	*	101
UPPER GILA RIVER BASIN	3 of 3	*	111
CALIFORNIA			
NORTHERN GREAT BASIN	4 of 4	*	83
TRUCKEE RIVER	8 of 8	*	94
LAKE TAHOE	8 of 8	*	95
CARSON RIVER	5 of 9	*	95
WALKER RIVER	5 of 6	*	99
KLAMATH	8 of 10	*	83
COLORADO			
GUNNISON RIVER BASIN	12 of 15	*	95
UPPER COLORADO RIVER BASIN	28 of 30	*	93
SOUTH PLATTE RIVER BASIN	14 of 17	*	92
LARAMIE AND NORTH PLATTE RIVER BASINS	13 of 13	*	96

YAMPA AND WHITE RIVER BASINS	16 of 19	*	92
ARKANSAS RIVER BASIN	6 of 9	*	90
UPPER RIO GRANDE BASIN	10 of 15	*	93
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASIN	14 of 16	*	87
IDAHO			
NORTHERN PANHANDLE REGION	7 of 10	*	96
SPOKANE RIVER BASIN	9 of 10	*	86
CLEARWATER BASIN	13 of 16	*	84
SALMON BASIN	22 of 22	*	89
WEISER BASIN	3 of 4	*	100
PAYETTE BASIN	9 of 11	*	86
BOISE BASIN	9 of 10	*	89
BIG WOOD BASIN	9 of 9	*	84
LITTLE WOOD BASIN	4 of 5	*	85
BIG LOST BASIN	4 of 5	*	86
LITTLE LOST, BIRCH BASINS	4 of 4	*	97
MEDICINE LODGE, BEAVER, CAMAS BASINS	4 of 4	*	87
HENRYS FORK, TETON BASINS	7 of 8	*	82
SNAKE BASIN ABOVE PALISADES	17 of 18	*	83
WILLOW, BLACKFOOT, PORTNEUF BASINS	4 of 6	*	85
SNAKE BASIN ABOVE AMERICAN FALLS	25 of 29	*	83
OAKLEY BASIN	3 of 3	*	92
SALMON FALLS BASIN	5 of 5	*	93
BRUNEAU BASIN	5 of 5	*	96
OWYHEE BASIN	7 of 8	*	95
BEAR RIVER BASIN	12 of 15	*	85
MONTANA			
KOOTENAI RIVER BASIN	8 of 8	*	96
FLATHEAD RIVER BASIN	15 of 16	*	99
UPPER CLARK FORK RIVER BASIN	14 of 15	*	92
BITTERROOT RIVER BASIN	6 of 7	*	82
LOWER CLARK FORK RIVER BASIN	8 of 8	*	85
JEFFERSON RIVER BASIN	19 of 19	*	97
MADISON RIVER BASIN	11 of 11	*	92
GALLATIN RIVER BASIN	7 of 7	*	101
MISSOURI HEADWATERS	31 of 31	*	95
HEADWATERS MISSOURI MAINSTEM	5 of 5	*	106
SMITH, JUDITH, AND MUSSELSHELL RIVER BASINS ..	9 of 10	*	120
SUN, TETON AND MARIAS RIVER BASINS	6 of 6	*	83
MISSOURI MAINSTEM RIVER BASIN	20 of 21	*	105
ST. MARY AND MILK RIVER BASINS	3 of 3	*	99
UPPER YELLOWSTONE RIVER BASIN	23 of 24	*	92
WIND RIVER BASIN (WYOMING)	12 of 13	*	98
SHOSHONE RIVER BASIN (WYOMING)	6 of 6	*	95
BIGHORN RIVER BASIN (WYOMING)	16 of 16	*	93
TONGUE RIVER BASIN (WYOMING)	6 of 7	*	95
POWDER RIVER BASIN (WYOMING)	6 of 7	*	94
LOWER YELLOWSTONE RIVER BASIN	32 of 35	*	96
NEVADA			
NORTHERN GREAT BASIN	4 of 4	*	83
SNAKE RIVER	3 of 3	*	91
OWYHEE RIVER	5 of 6	*	92
UPPER HUMBOLDT RIVER	5 of 5	*	96
LOWER HUMBOLDT RIVER	4 of 6	*	86
CLOVER VALLEY	1 of 1	*	92
EASTERN NEVADA	3 of 3	*	104

NEW MEXICO

RIO CHAMA RIVER BASIN	3 of 4	*	86
UPPER RIO GRANDE BASIN	9 of 9	*	95
SANGRE DE CRISTO MOUNTAIN RANGE BASINS	8 of 9	*	97
JEMEZ RIVER BASIN	2 of 3	*	96
SAN FRANCISCO RIVER BASIN	3 of 3	*	102
GILA RIVER BASIN	3 of 3	*	111
MIMBRES RIVER BASIN	2 of 2	*	114
PECOS RIVER BASIN	1 of 1	*	89
SAN JUAN RIVER HEADWATERS	5 of 5	*	94
ANIMAS RIVER BASIN	6 of 7	*	84
CIMARRON RIVER BASIN	2 of 2	*	100
ZUNI/BLUEWATER RIVER BASIN	1 of 1	*	111
RIO HONDO BASIN	1 of 1	*	155

OREGON

OWYHEE	7 of 8	*	95
MALHEUR	2 of 3	*	98
GRANDE RONDE, POWDER, BURNT, IMNAHA	15 of 17	*	100
UMATILLA, WALLA WALLA, WILLOW	6 of 8	*	96
JOHN DAY	12 of 13	*	98
UPPER DESCHUTES, CROOKED	14 of 14	*	92
HOOD, SANDY, LOWER DESCHUTES	7 of 8	*	93
COAST RANGE	1 of 2	*	85
WILLAMETTE	18 of 21	*	93
ROGUE, UMPQUA	8 of 12	*	91
KLAMATH	14 of 18	*	84
LAKE COUNTY, GOOSE LAKE	8 of 9	*	84
HARNEY	7 of 9	*	95

UTAH

BEAR RIVER	8 of 14	*	86
WEBER-OGDEN RIVERS	14 of 17	*	84
PROVO R.-UTAH LAKE-JORDAN R.	13 of 15	*	90
TOOELE VALLEY-VERNON CREEK	3 of 3	*	94
GREEN RIVER	6 of 7	*	100
DUCHESNE RIVER	12 of 13	*	82
PRICE-SAN RAFAEL	5 of 6	*	83
DIRTY DEVIL	3 of 3	*	91
SOUTH EASTERN UTAH	3 of 3	*	103
SEVIER RIVER	14 of 16	*	100
BEAVER RIVER	2 of 2	*	97
ESCALANTE RIVER	2 of 3	*	105
VIRGIN RIVER	7 of 9	*	101

WASHINGTON

NORTHERN PANHANDLE	7 of 10	*	96
SPOKANE	9 of 10	*	86
UPPER COLUMBIA	5 of 5	*	101
CENTRAL COLUMBIA	7 of 8	*	98
UPPER YAKIMA	4 of 5	*	91
LOWER YAKIMA	7 of 9	*	99
LOWER SNAKE	17 of 22	*	88
LOWER COLUMBIA	16 of 22	*	97
SOUTH PUGET SOUND	6 of 8	*	90
CENTRAL PUGET SOUND	7 of 9	*	93
NORTH PUGET SOUND	8 of 12	*	102
OLYMPIC	2 of 4	*	144

WYOMING

SNAKE RIVER	14 of 16	*	85
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UPPER YELLOWSTONE-MADISON	13 of 13	*	85
WIND RIVER	9 of 10	*	100
BIGHORN BASIN	16 of 16	*	93
SHOSHONE RIVER	7 of 7	*	96
POWDER-TONGUE	12 of 14	*	95
BELLE FOURCHE	3 of 3	*	115
UPPER N. PLATTE RIVER	11 of 11	*	107
LOWER N. PLATTE - SWEETWATER - LARAMIE	10 of 10	*	102
LITTLE SNAKE RIVER	5 of 5	*	107
UPPER GREEN RIVER	11 of 13	*	77
LOWER GREEN RIVER	7 of 7	*	95
UPPER BEAR RIVER	7 of 7	*	84

The Snow Water Equivalent Percent of Average represents the snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. The Accumulated Precipitation Percent of Average represents the total precipitation beginning October 1st) found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day.

* = Data are not available or data may not provide a valid measure of conditions for over half of the sites within the basin. Refer to the individual state reports for a complete data listing and basin analysis.

Units = inches for the Current and Average Snow Water Equivalent and Total Precipitation values

Reference period for average conditions is 1971-2000.

Provisional data, subject to revision.

Report Overview:

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Individual SNOTEL site current year graphs:

<http://www.wcc.nrcs.usda.gov/cgi-bin/site-wygraph-multi.pl>

SNOTEL Precipitation Maps (NEW):

ftp://ftp.wcc.nrcs.usda.gov/data/water/wcs/gis/maps/west_mtdprecpcnormal_update.pdf

SNOTEL Snow Water Equivalent Maps (NEW):

ftp://ftp.wcc.nrcs.usda.gov/data/water/wcs/gis/maps/west_swepcnormal_update.pdf

SNOTEL Precipitation Maps (Western Regional Climate Center):

<http://www.wrcc.dri.edu/snotelanom/basinpre.html>] (color)

<http://www.wrcc.dri.edu/snotelanom/basinpren.html> (numeric)

SNOTEL Snow Water Equivalent Maps (Western Regional Climate Center):

<http://www.wrcc.dri.edu/snotelanom/basinswe.html> (color)

<http://www.wrcc.dri.edu/snotelanom/basinswen.html> (numeric)

You can view this report on the National Water and Climate Center Homepage:

<ftp://ftp.wcc.nrcs.usda.gov/data/snow/update/ws.txt>

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