

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, January 9, 2012

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, January 9, 2012

STATE RIVER BASIN	Number of Sites	PERCENT OF AVERAGE Snow Water Accum Equivalent Precip	
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ALASKA			
ANCHORAGE/SHIP CREEK BASIN .....	4 of 4	140	140
SUSITNA BASIN .....	6 of 6	126	120
NORTHERN KENAI MOUNTAINS .....	6 of 7	114	132
SOUTHERN KENAI .....	6 of 6	154	108
COPPER BASIN .....	4 of 4	169	122
PRINCE WILLIAM SOUND .....	5 of 6	*	131
CHENA BASIN .....	7 of 7	88	77
UPPER TANANA .....	4 of 4	115	147
KOYUKUK BASIN .....	4 of 4	111	104
CENTRAL YUKON BASIN .....	4 of 4	*	454
SEWARD PENINSULA .....	2 of 2	*	90
KUPARUK-SAGAVANIRK TOK RIVER BASIN .....	3 of 3	*	*
NORTHWEST ARCTIC RIVER BASIN .....	1 of 1	*	*
SOUTHEAST ALASKA BASIN .....	2 of 2	145	116
ARIZONA			
VERDE RIVER BASIN .....	5 of 9	87	100
SAN FRANCISCO PEAKS .....	1 of 1	87	64
CENTRAL MOGOLLON RIM .....	3 of 4	125	127
LITTLE COLORADO - SOUTHERN HEADWATERS .....	5 of 6	115	118
UPPER SALT RIVER BASIN / WHITE MOUNTAINS .....	7 of 8	122	99
SAN FRANCISCO RIVER BASIN .....	5 of 6	115	93
SAN FRANCISCO / UPPER GILA RIVER BASIN .....	7 of 8	119	103
CALIFORNIA			
NORTHERN GREAT BASIN .....	4 of 5	26	39
TRUCKEE RIVER .....	8 of 8	11	32
LAKE TAHOE .....	8 of 8	6	28
CARSON RIVER .....	5 of 9	4	26
WALKER RIVER .....	5 of 6	9	28
KLAMATH .....	14 of 18	30	50
COLORADO			
GUNNISON RIVER BASIN .....	12 of 16	59	71
UPPER COLORADO RIVER BASIN .....	28 of 31	59	68
SOUTH PLATTE RIVER BASIN .....	17 of 20	76	86

LARAMIE AND NORTH PLATTE RIVER BASINS .....	11 of 12	64	73
YAMPA AND WHITE RIVER BASINS .....	16 of 20	58	67
ARKANSAS RIVER BASIN .....	5 of 9	83	92
UPPER RIO GRANDE BASIN .....	9 of 16	86	104
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASIN .....	15 of 17	67	91
IDAHO			
NORTHERN PANHANDLE REGION .....	7 of 10	87	81
SPOKANE RIVER BASIN .....	8 of 10	66	71
CLEARWATER BASIN .....	13 of 16	71	84
SALMON BASIN .....	22 of 22	64	73
WEISER BASIN .....	3 of 4	56	70
PAYETTE BASIN .....	9 of 11	59	66
BOISE BASIN .....	9 of 10	61	80
BIG WOOD BASIN .....	9 of 9	63	83
LITTLE WOOD BASIN .....	4 of 5	54	102
BIG LOST BASIN .....	4 of 5	52	98
LITTLE LOST, BIRCH BASINS .....	4 of 4	53	98
MEDICINE LODGE, BEAVER, CAMAS BASINS .....	4 of 4	53	88
HENRYS FORK, TETON BASINS .....	7 of 8	66	78
SNAKE BASIN ABOVE PALISADES .....	17 of 18	67	79
WILLOW, BLACKFOOT, PORTNEUF BASINS .....	6 of 6	55	81
SNAKE BASIN ABOVE AMERICAN FALLS .....	27 of 29	66	79
GOOSE CREEK BASIN .....	2 of 2	45	75
SALMON FALLS BASIN .....	5 of 5	42	69
BRUNEAU BASIN .....	5 of 5	34	63
OWYHEE BASIN .....	7 of 8	21	53
BEAR RIVER BASIN .....	15 of 15	50	67
MONTANA			
KOOTENAI RIVER BASIN .....	8 of 8	83	91
FLATHEAD RIVER BASIN .....	14 of 16	66	83
UPPER CLARK FORK RIVER BASIN .....	14 of 15	73	89
BITTERROOT RIVER BASIN .....	7 of 7	79	93
LOWER CLARK FORK RIVER BASIN .....	8 of 8	76	85
JEFFERSON RIVER BASIN .....	19 of 19	69	81
MADISON RIVER BASIN .....	11 of 11	68	83
GALLATIN RIVER BASIN .....	7 of 7	71	85
MISSOURI HEADWATERS .....	31 of 31	70	83
HEADWATERS MISSOURI MAINSTEM .....	5 of 5	92	97
SMITH, JUDITH, AND MUSSELSHELL RIVER BASINS ..	9 of 10	79	95
SUN, TETON AND MARIAS RIVER BASINS .....	5 of 6	90	91
MISSOURI MAINSTEM RIVER BASIN .....	19 of 21	85	94
ST. MARY AND MILK RIVER BASINS .....	3 of 3	69	83
UPPER YELLOWSTONE RIVER BASIN .....	23 of 24	82	92
WIND RIVER BASIN (WYOMING) .....	11 of 13	82	90
SHOSHONE RIVER BASIN (WYOMING) .....	5 of 6	88	108
BIGHORN RIVER BASIN (WYOMING) .....	15 of 16	95	110
TONGUE RIVER BASIN (WYOMING) .....	6 of 7	123	148
POWDER RIVER BASIN (WYOMING) .....	6 of 7	101	113
LOWER YELLOWSTONE RIVER BASIN .....	30 of 35	95	109
NEVADA			
NORTHERN GREAT BASIN .....	4 of 5	26	39
SNAKE RIVER .....	3 of 3	33	60
OWYHEE RIVER .....	5 of 6	21	52
UPPER HUMBOLDT RIVER .....	5 of 5	24	61
LOWER HUMBOLDT RIVER .....	4 of 7	16	44
CLOVER VALLEY .....	1 of 1	17	47

EASTERN NEVADA .....	3 of 8		*	*
NEW MEXICO				
RIO CHAMA RIVER BASIN .....	3 of 4	79		88
UPPER RIO GRANDE BASIN .....	8 of 9	84		108
SANGRE DE CRISTO MOUNTAIN RANGE BASINS .....	9 of 9	95		114
JEMEZ RIVER BASIN .....	3 of 3	97		118
SAN FRANCISCO RIVER BASIN .....	3 of 3	116		96
GILA RIVER BASIN .....	3 of 3	120		117
MIMBRES RIVER BASIN .....	2 of 2	196		130
PECOS RIVER BASIN .....	1 of 1	106		123
SAN JUAN RIVER HEADWATERS .....	5 of 5	80		107
ANIMAS RIVER BASIN .....	7 of 7	63		83
CIMARRON RIVER BASIN .....	2 of 2	120		126
ZUNI/BLUEWATER RIVER BASIN .....	1 of 1	125		133
RIO HONDO BASIN .....	1 of 1	139		117
OREGON				
OWYHEE .....	7 of 8	21		53
MALHEUR .....	2 of 3	47		60
GRANDE RONDE, POWDER, BURNT, IMNAHA .....	15 of 17	55		69
UMATILLA, WALLA WALLA, WILLOW .....	7 of 8	45		67
JOHN DAY .....	10 of 13	42		57
UPPER DESCHUTES, CROOKED .....	12 of 14	40		62
HOOD, SANDY, LOWER DESCHUTES .....	8 of 8	46		80
COAST RANGE .....	1 of 2	0		69
WILLAMETTE .....	19 of 23	36		67
ROGUE, UMPQUA .....	10 of 12	34		54
KLAMATH .....	14 of 18	30		50
LAKE COUNTY, GOOSE LAKE .....	8 of 9	27		44
HARNEY .....	6 of 9	29		49
UTAH				
BEAR RIVER .....	17 of 24	51		66
WEBER-OGDEN RIVERS .....	14 of 19	46		58
PROVO R.-UTAH LAKE-JORDAN R. ....	13 of 15	43		60
TOOELE VALLEY-VERNON CREEK .....	3 of 3	41		71
NORTHEASTERN UINTAHS .....	6 of 9	83		115
DUCHESNE RIVER .....	12 of 13	62		81
PRICE-SAN RAFAEL .....	6 of 7	37		76
DIRTY DEVIL .....	3 of 4	69		87
SOUTH EASTERN UTAH .....	3 of 3	77		85
SEVIER RIVER .....	14 of 20	59		88
BEAVER RIVER .....	2 of 2	41		57
ESCALANTE RIVER .....	2 of 3	104		118
SOUTHWESTERN UTAH .....	8 of 11	53		88
WASHINGTON				
NORTHERN PANHANDLE .....	7 of 10	87		81
SPOKANE .....	8 of 10	66		71
UPPER COLUMBIA .....	5 of 6	77		79
CENTRAL COLUMBIA .....	6 of 8	78		81
UPPER YAKIMA .....	5 of 5	81		82
LOWER YAKIMA .....	7 of 9	84		83
LOWER SNAKE .....	17 of 22	66		79
LOWER COLUMBIA .....	18 of 22	59		78
SOUTH PUGET SOUND .....	7 of 8	74		78
CENTRAL PUGET SOUND .....	9 of 9	84		83
NORTH PUGET SOUND .....	8 of 12	96		89
OLYMPIC .....	3 of 4	94		97
WYOMING				

SNAKE RIVER .....	14 of 16	69	80
UPPER YELLOWSTONE-MADISON .....	13 of 13	82	93
WIND RIVER .....	8 of 10	78	85
BIGHORN BASIN .....	15 of 16	95	110
SHOSHONE RIVER .....	6 of 7	90	111
POWDER-TONGUE .....	12 of 14	113	131
BELLE FOURCHE .....	3 of 3	81	72
UPPER N. PLATTE RIVER .....	12 of 13	61	74
LOWER N. PLATTE - SWEETWATER - LARAMIE .....	10 of 10	81	93
LITTLE SNAKE RIVER .....	5 of 5	63	75
UPPER GREEN RIVER .....	11 of 13	61	75
LOWER GREEN RIVER .....	7 of 7	72	88
UPPER BEAR RIVER .....	7 of 7	52	63

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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.

Reference period for average conditions is 1971-2000.  
Provisional data, subject to revision.

#### Report Overview:

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sites in the Western United States. A narrative description of significant changes and events will be included in this report as conditions warrant. Additional SNOTEL graphics are available at the following links:

Individual SNOTEL site current year graphs:

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

SNOTEL Precipitation Maps:

[ftp://ftp.wcc.nrcs.usda.gov/data/water/wcs/gis/maps/west\\_mtdprecptnormal\\_update.pdf](ftp://ftp.wcc.nrcs.usda.gov/data/water/wcs/gis/maps/west_mtdprecptnormal_update.pdf)

SNOTEL Snow Water Equivalent Maps:

[ftp://ftp.wcc.nrcs.usda.gov/data/water/wcs/gis/maps/west\\_sweptcnormal\\_update.pdf](ftp://ftp.wcc.nrcs.usda.gov/data/water/wcs/gis/maps/west_sweptcnormal_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)

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

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

For questions, comments and more information about this report please contact: Jolyne Lea - 503-414-3040, [Jolyne.lea@por.usda.gov](mailto:Jolyne.lea@por.usda.gov)