

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 28, 2013

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 800 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 us if you have any questions or comments.

WEEKLY SNOTEL SNOWPACK AND PRECIPITATION REPORT
 As of Monday, January 28, 2013

STATE RIVER BASIN	Number of Sites	PERCENT OF AVERAGE	
		Snow Water Equivalent	Accum Precip
ALASKA			
ANCHORAGE/SHIP CREEK BASIN	4 of 4	89	91
SUSITNA BASIN	5 of 6	79	104
NORTHERN KENAI MOUNTAINS	7 of 7	87	76
SOUTHERN KENAI	3 of 6	126	70
COPPER BASIN	3 of 4	79	70
PRINCE WILLIAM SOUND	0 of 6	*	75
CHENA BASIN	5 of 7	111	107
UPPER TANANA	2 of 4	77	*
KOYUKUK BASIN	2 of 4	42	57
CENTRAL YUKON BASIN	0 of 4	*	83
SEWARD PENINSULA	0 of 2	*	84
KUPARUK-SAGAVANIRK TOK RIVER BASIN	0 of 3	*	90
NORTHWEST ARCTIC RIVER BASIN	0 of 1	*	*
SOUTHEAST ALASKA BASIN	1 of 2	116	77
ARIZONA			
VERDE RIVER BASIN	5 of 10	92	101
SAN FRANCISCO PEAKS	1 of 1	120	95
CENTRAL MOGOLLON RIM	3 of 4	86	102
LITTLE COLORADO - SOUTHERN HEADWATERS	5 of 6	82	94
UPPER SALT RIVER BASIN / WHITE MOUNTAINS	7 of 8	80	82
SAN FRANCISCO / UPPER GILA RIVER BASIN	7 of 8	57	60
CHUSKA MOUNTAINS	0 of 2	*	*
CALIFORNIA			
NORTHERN GREAT BASIN	4 of 5	91	95
TRUCKEE RIVER	8 of 8	118	114
LAKE TAHOE	8 of 8	98	120
CARSON RIVER	9 of 9	109	105
WALKER RIVER	6 of 6	116	110
KLAMATH	16 of 18	84	110
COLORADO			
GUNNISON RIVER BASIN	12 of 16	72	67
UPPER COLORADO RIVER BASIN	21 of 31	62	65
SOUTH PLATTE RIVER BASIN	11 of 20	54	61
LARAMIE AND NORTH PLATTE RIVER BASINS	8 of 12	64	71

YAMPA AND WHITE RIVER BASINS	17 of 20	68	69
ARKANSAS RIVER BASIN	5 of 9	56	61
UPPER RIO GRANDE BASIN	8 of 16	70	66
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASIN	12 of 18	79	67
IDAHO			
NORTHERN PANHANDLE REGION	10 of 10	104	123
SPOKANE RIVER BASIN	9 of 10	77	106
CLEARWATER BASIN	14 of 16	78	103
SALMON BASIN	22 of 22	97	111
WEISER BASIN	4 of 4	71	121
PAYETTE BASIN	11 of 11	87	115
BOISE BASIN	10 of 10	80	96
BIG WOOD BASIN	9 of 9	103	111
LITTLE WOOD BASIN	5 of 5	121	126
BIG LOST BASIN	5 of 5	131	123
LITTLE LOST, BIRCH BASINS	4 of 4	114	105
MEDICINE LODGE, BEAVER, CAMAS BASINS	4 of 4	114	107
HENRYS FORK, TETON BASINS	8 of 8	99	99
SNAKE BASIN ABOVE PALISADES	18 of 18	91	90
WILLOW, BLACKFOOT, PORTNEUF BASINS	6 of 6	75	95
SNAKE BASIN ABOVE AMERICAN FALLS	29 of 29	92	94
RAFT BASIN	1 of 2	92	95
GOOSE CREEK BASIN	2 of 2	81	98
SALMON FALLS BASIN	5 of 5	81	93
BRUNEAU BASIN	5 of 5	78	92
OWYHEE BASIN	8 of 8	69	96
BEAR RIVER BASIN	15 of 15	80	86
MONTANA			
KOOTENAI RIVER BASIN	8 of 8	98	117
FLATHEAD RIVER BASIN	14 of 16	88	118
UPPER CLARK FORK RIVER BASIN	13 of 15	86	100
BITTERROOT RIVER BASIN	7 of 7	79	100
LOWER CLARK FORK RIVER BASIN	7 of 8	81	112
JEFFERSON RIVER BASIN	19 of 19	98	98
MADISON RIVER BASIN	11 of 11	100	101
GALLATIN RIVER BASIN	7 of 7	94	98
MISSOURI HEADWATERS	31 of 31	98	99
HEADWATERS MISSOURI MAINSTEM	5 of 5	88	101
SMITH, JUDITH, AND MUSSELSHELL RIVER BASINS ..	9 of 10	89	108
SUN, TETON AND MARIAS RIVER BASINS	6 of 6	71	117
MISSOURI MAINSTEM RIVER BASIN	20 of 21	82	112
ST. MARY AND MILK RIVER BASINS	3 of 3	100	136
UPPER YELLOWSTONE RIVER BASIN	23 of 24	92	96
WIND RIVER BASIN (WYOMING)	10 of 13	89	81
SHOSHONE RIVER BASIN (WYOMING)	5 of 6	93	99
BIGHORN RIVER BASIN (WYOMING)	14 of 16	88	91
TONGUE RIVER BASIN (WYOMING)	6 of 7	69	70
POWDER RIVER BASIN (WYOMING)	6 of 7	86	93
LOWER YELLOWSTONE RIVER BASIN	29 of 35	85	85
NEVADA			
NORTHERN GREAT BASIN	4 of 5	91	95
SNAKE RIVER	3 of 3	76	90
OWYHEE RIVER	5 of 6	68	95
UPPER HUMBOLDT RIVER	5 of 5	82	91
LOWER HUMBOLDT RIVER	6 of 7	89	96
CLOVER VALLEY	1 of 1	47	71

EASTERN NEVADA	3 of 8		*	*
NEW MEXICO				
RIO CHAMA RIVER BASIN	4 of 4	80		62
UPPER RIO GRANDE BASIN	7 of 9	73		68
SANGRE DE CRISTO MOUNTAIN RANGE BASINS	9 of 9	63		60
JEMEZ RIVER BASIN	3 of 3	66		51
SAN FRANCISCO RIVER BASIN	3 of 3	62		65
GILA RIVER BASIN	3 of 3	42		43
MIMBRES RIVER BASIN	2 of 2	31		38
PECOS RIVER BASIN	1 of 1	46		56
SAN JUAN RIVER HEADWATERS	5 of 5	76		70
ANIMAS RIVER BASIN	5 of 7	73		62
CIMARRON RIVER BASIN	2 of 2	70		67
ZUNI/BLUEWATER RIVER BASIN	1 of 1	78		63
RIO HONDO BASIN	1 of 1	87		58
CHUSKA MOUNTAINS	0 of 1		*	*
OREGON				
OWYHEE	8 of 8	69		96
MALHEUR	3 of 3	53		100
GRANDE RONDE, POWDER, BURNT, IMNAHA	16 of 17	78		105
UMATILLA, WALLA WALLA, WILLOW	7 of 8	84		108
JOHN DAY	13 of 13	81		103
UPPER DESCHUTES, CROOKED	13 of 14	89		108
HOOD, SANDY, LOWER DESCHUTES	8 of 8	95		107
COAST RANGE	1 of 2	0		112
WILLAMETTE	18 of 23	93		108
ROGUE, UMPQUA	11 of 12	95		118
KLAMATH	16 of 18	84		110
LAKE COUNTY, GOOSE LAKE	9 of 9	97		109
HARNEY	9 of 9	81		94
UTAH				
RAFT RIVER	1 of 2	92		95
BEAR RIVER	23 of 24	81		89
WEBER-OGDEN RIVERS	17 of 20	78		89
PROVO R.-UTAH LAKE-JORDAN R.	15 of 17	89		88
TOOLE VALLEY-VERNON CREEK	3 of 4	103		89
NORTHEASTERN UINTAHS	7 of 10	93		89
DUCHESNE RIVER	13 of 13	97		87
PRICE-SAN RAFAEL	7 of 10	90		89
DIRTY DEVIL	3 of 4	94		79
SOUTH EASTERN UTAH	3 of 5	102		89
UPPER SEVIER RIVER	14 of 17	102		88
SAN PITCH RIVER	5 of 11		*	*
LOWER SEVIER RIVER	1 of 3		*	*
BEAVER RIVER	2 of 2	96		100
ESCALANTE RIVER	3 of 3	99		92
SOUTHWESTERN UTAH	10 of 12	111		88
WASHINGTON				
NORTHERN PANHANDLE	10 of 10	104		123
SPOKANE	9 of 10	77		106
UPPER COLUMBIA	5 of 6	125		136
CENTRAL COLUMBIA	7 of 8	99		107
UPPER YAKIMA	4 of 5	98		98
LOWER YAKIMA	7 of 9	106		110
LOWER SNAKE	20 of 22	78		105
LOWER COLUMBIA	18 of 22	113		113
SOUTH PUGET SOUND	6 of 10	118		106

CENTRAL PUGET SOUND	7 of 9	107	97
NORTH PUGET SOUND	7 of 12	120	106
OLYMPIC	3 of 4	159	108
WYOMING			
SNAKE RIVER	20 of 20	94	91
MADISON-GALLATIN	5 of 5	99	99
YELLOWSTONE	13 of 13	96	96
WIND RIVER	9 of 12	88	81
BIGHORN BASIN	9 of 11	83	83
SHOSHONE RIVER	4 of 5	94	97
POWDER RIVER	6 of 7	86	93
TONGUE RIVER	6 of 7	69	70
BELLE FOURCHE	1 of 1	68	68
CHEYENNE RIVER BASIN	2 of 2	73	74
UPPER N. PLATTE	11 of 18	67	70
SWEETWATER	2 of 3	83	68
LOWER N. PLATTE	2 of 4	25	47
LARAMIE RIVER	4 of 6	58	61
S. PLATTE	2 of 3	56	64
LITTLE SNAKE RIVER	8 of 8	70	69
UPPER GREEN RIVER	12 of 13	88	85
LOWER GREEN RIVER	8 of 11	89	83
UPPER BEAR RIVER	8 of 9	85	85

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.

Supporting Information:

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_mtdprecpcptnormal_update.pdf

SNOTEL Snow Water Equivalent Maps:

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

Western Regional Climate Center SNOTEL maps:

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

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

Western Regional Climate Center Cumulative Precipitation maps:

<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>

For questions, comments and more information about this report please

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