

Colorado Basin Outlook Report April 1, 2008



Basin Outlook Reports and Federal - State - Private Cooperative Snow Surveys

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

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COLORADO

WATER SUPPLY OUTLOOK REPORT

APRIL 2008

Summary

Colorado experienced a dry month during March. These conditions resulted in decreases in the snowpack percents of average in all basins. Even with the dry month, snowpack percentages remain above average in all basins, and continue to track at well above average levels across southern Colorado. Monthly precipitation for March was only about one-third of average for the San Juan Mountains and was well below average across most of the state. Meanwhile, reservoir storage remains at near average volumes for this time of year and ample runoff should allow storage conditions to improve throughout the runoff season. This year's water supplies are expected to be the best in over a decade in most basins with portions of southern Colorado still expecting some of the highest volumes in several decades.

Snowpack

For the first month since November, 2007, snowfall was below average across most of the state. The driest conditions were observed across the Rio Grande, San Juan, Animas, Dolores, and San Miguel basins, where snowpack percents of average decreased from the March 1 levels by 29 percentage points. In addition, the Gunnison Basin snowpack percentages decreased by 18 percentage points from the dry month. Elsewhere across the state, March snowfall was just slightly below normal, resulting in only minor decreases from last month's percentages. As of April 1, snowpack totals across southern Colorado range from 126% of average in the combined San Juan, Animas, Dolores, and Sam Miguel basins, to 141% of average in the Arkansas Basin. Across northern Colorado, snowpack totals continue to track at slightly above average levels. On the bright side, at least all of the major river basins remain above average, with the lowest percentages measured in the North Platte Basin, at 106% of average. Colorado's statewide snowpack has now decreased to 123% of average; down from the 135% of average measured on March 1. This year's snowpack remains in stark contrast to that of a year ago. This year's snowpack readings range from 217% of last year in the San Juan, Animas, Dolores, and San Miguel basins, to 115% of last year in the South Platte Basin. For the state, this year's snowpack is 163% of last year's April 1 totals.

Precipitation

March brought a return to a dry weather pattern for Colorado. After several months of well above average precipitation in many portions of the state, this was somewhat of a welcome relief. Monthly totals ranged from a low of only 34% of average in the San Juan, Animas, Dolores, and San Miguel basins, to a high of 105% of average in the Colorado Basin. Statewide precipitation, measured at SNOTEL sites, was only 75% of average for March. Water year totals for the past six months remain in excellent condition, despite the dry March. These amounts range from 105% of average in the South Platte Basin to 131% of average in the Rio Grande Basin. For the state, the water year totals are now 119% of average. That's a considerable decline from last month's water year statewide totals, which were 130% of average. Precipitation during the next two months will be critical for water supplies throughout the South Platte basin, which just now enters its wet season, especially for the lower elevations.

Reservoir Storage

Colorado's reservoir storage continues to track at near average volumes across the state. Basinwide storage totals range from 92% of average in the South Platte Basin, to 107% of average in the Gunnison Basin. Statewide, storage remains at the same percentage as last month, at 98% of average. These statewide volumes are just slightly less than last year at this time, at 95% of those volumes. The only basins currently storing significantly less volume than last year include the combined San Juan, Animas, Dolores, and San Miguel at 83%, and the Yampa and White at 85% of last year. In terms of volume, statewide storage is just 57,000 acre-feet below the average mark for this date. Although storage is currently near average, there remains plenty of available storage capacity around the state. Currently, there is almost 2.7 million acre-feet of unused capacity available. Given this year's runoff prospects, much of that storage will be consumed with this year's runoff.

Streamflow

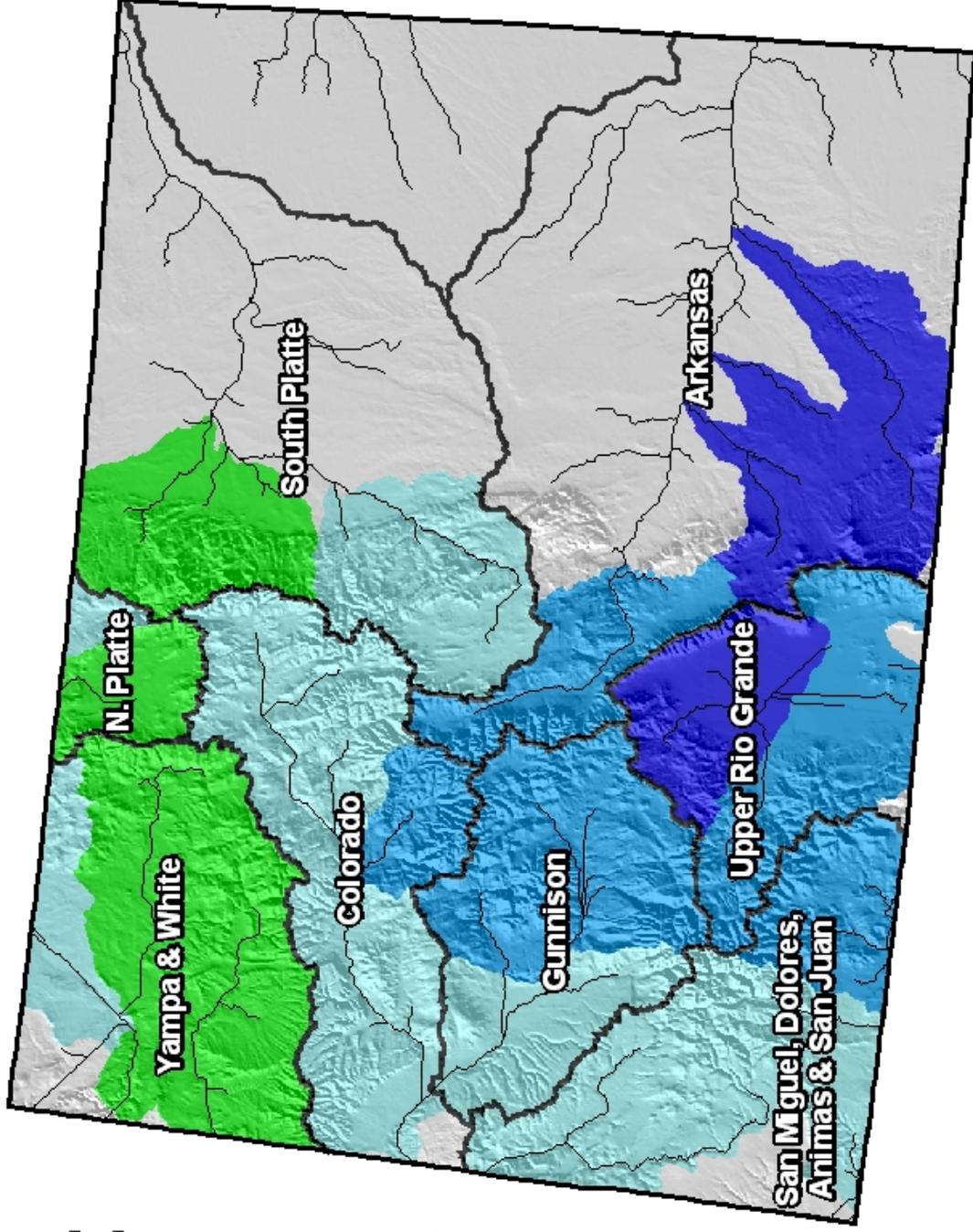
Even after a dry March, Colorado's runoff prospects remain in excellent condition across most of the state. Above average volumes are predicted nearly statewide, with the only exceptions being along some of the tributaries of the South Platte River, which originate from the northern Front Range. The highest volumes, as a percent of average, are forecast within the Arkansas, Gunnison, San Juan, and Rio Grande basins. Each of these basins have forecast points where volumes are expected to exceed 150% of average, along with many other locations which range from 130% to 150% of average. Across most of the Colorado, Yampa, North Platte, and the South Platte headwaters, forecasts range from 110% to 130% of average at most locations. While this outlook would surely deteriorate if the state experiences a dry spring, the only portion of the state that would be severely impacted are the northern Front Range streams, which are still very dependent upon those wet spring storms, hopefully yet to come.

Colorado Snowpack Map

Percent of Average



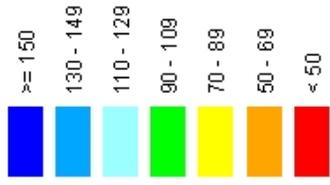
*Provisional Data
Subject to Revision*



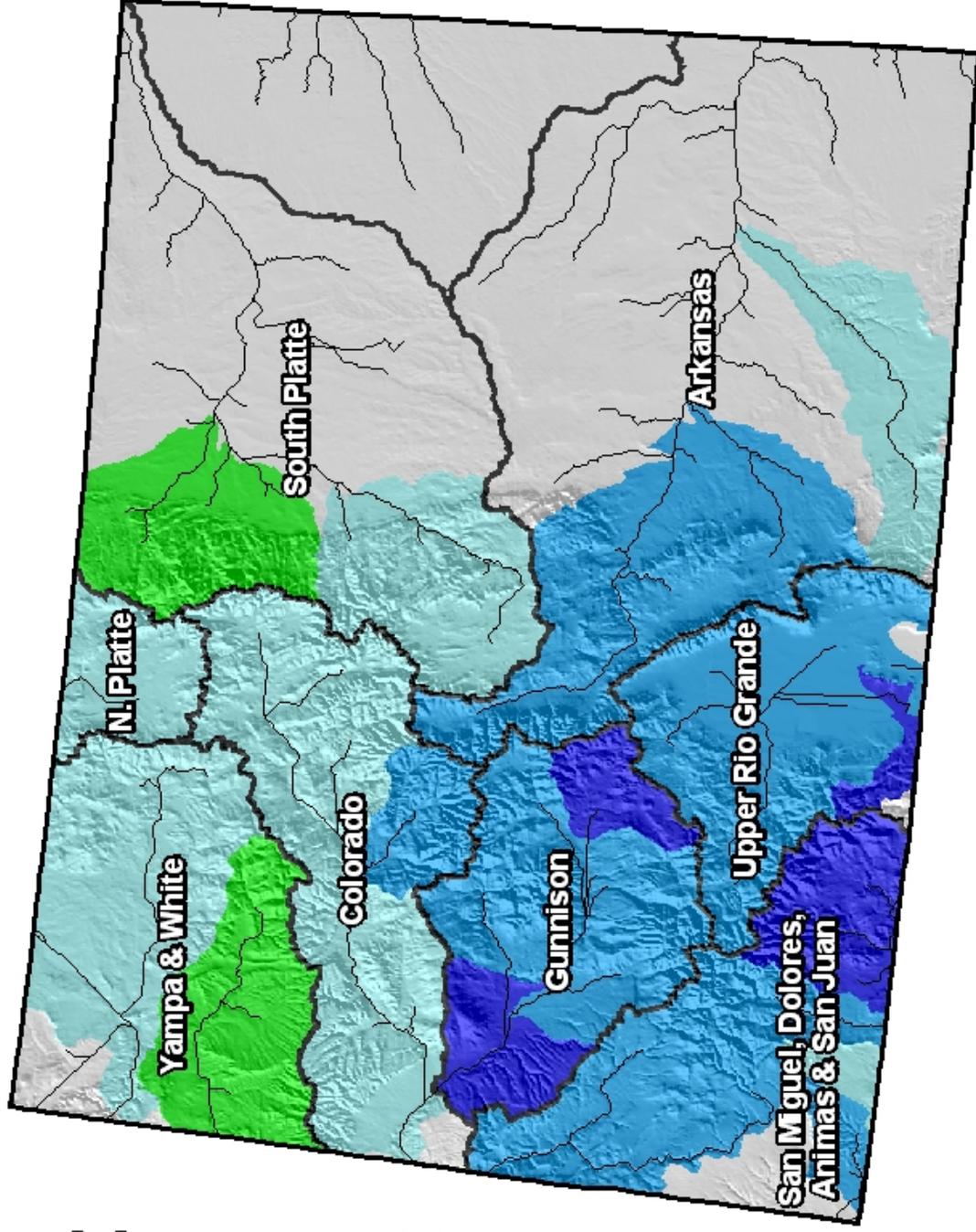
Current as of April 1, 2008

Colorado Streamflow Forecast Map

Percent of Average



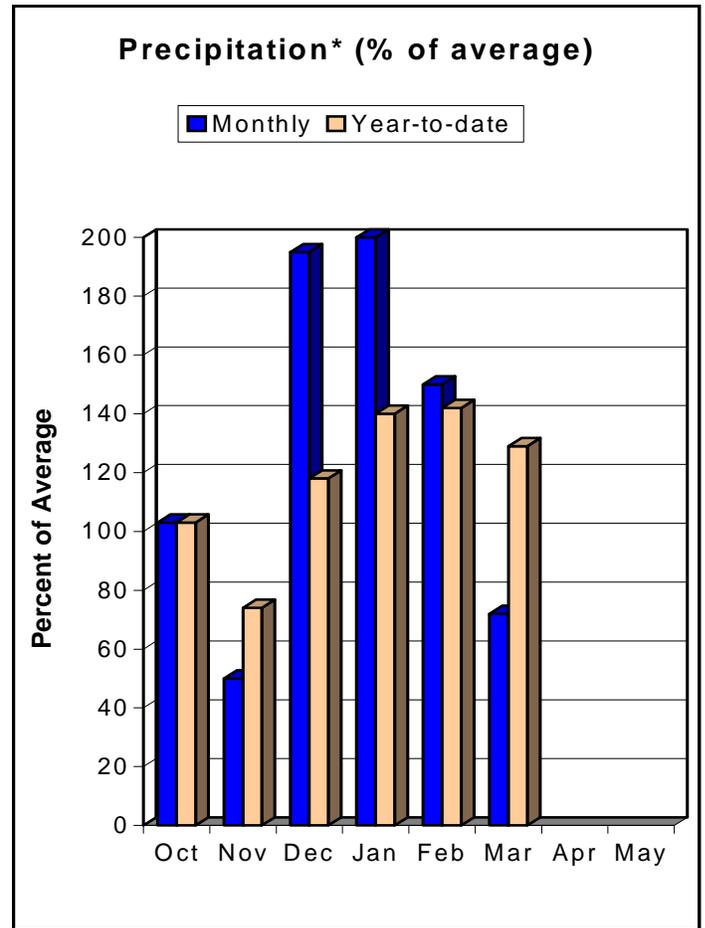
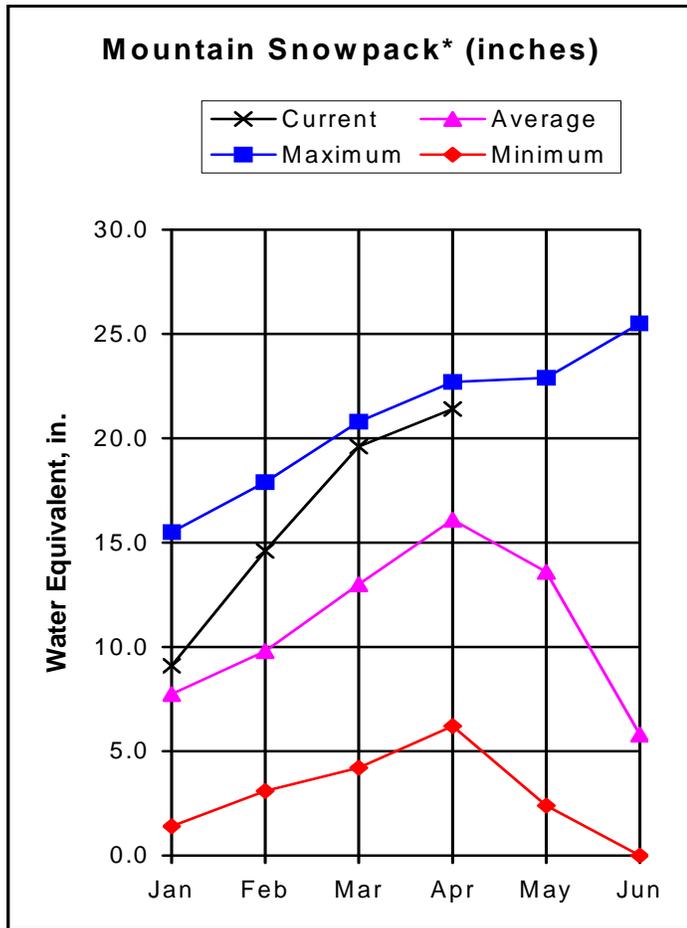
*Provisional Data
Subject to Revision*



Current as of April 1, 2008

GUNNISON RIVER BASIN

as of April 1, 2008



*Based on selected stations

With the exception of the last couple of days in March, the Gunnison River Basin saw no appreciable increase in snow water content during the latter half of the month. As a result, the basin snowpacks could not keep pace with the average and the basin experienced a 15 percentage point drop in the snowpack from last month. However, measurements show the basin snowpack remains well above normal at 138 percent of average on April 1. You would have to go back to April 1993 to find an April 1 snowpack with a higher percent of average figure for this time of year. Sub-basin snowpacks are above to well above average, ranging from 117 percent of average in the Surface Creek Watershed to 138 percent of average in the Upper Gunnison. After three months of 150 percent of average and higher monthly precipitation totals, the mountainous areas of the basin reported the first below normal precipitation figure (72 percent of average) since last November. Although still above average, the drier March brought water year precipitation totals down to 129 percent of average. Reservoir storage remains slightly above normal at 107 percent of average. With only a few exceptions, like the 13 percentage point increase at the East River at Almont, forecasts essentially remain unchanged from last month. April-July streamflow volumes are forecast to range from 133 percent of average for Cochetopa Creek below Rock Creek near Parlin to 157 percent of average for the Inflow to Paonia Reservoir.

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GUNNISON RIVER BASIN
Streamflow Forecasts - April 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)				
		90%		70%		50%			30%		10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)		(1000AF)	(1000AF)		
Taylor Park blw Taylor Park Res (2)	APR-JUL	111	128	140	136	153	172	103				
Slate River nr Crested Butte	APR-JUL	111	119	125	140	130	135	89				
East River at Almont	APR-JUL	250	280	300	156	320	350	192				
Gunnison River nr Gunnison (2)	APR-JUL	485	550	600	154	650	725	390				
Tomichi Creek at Sargents	APR-JUL	35	42	48	150	54	65	32				
Cochetopa Creek blw Rock Ck nr Parli	APR-JUL	14.4	19.2	23	133	27	35	17.3				
Tomichi Creek at Gunnison	APR-JUL	80	105	125	154	147	184	81				
Lake Fork at Gateview	APR-JUL	147	166	180	143	194	215	126				
Blue Mesa Reservoir Inflow (2)	APR-JUL	860	975	1060	147	1190	1370	720				
Paonia Reservoir Inflow	MAR-JUN	115	139	158	158	178	205	100				
	APR-JUN	111	135	154	162	174	200	95				
	APR-JUL	115	140	160	157	181	215	102				
North Fork Gunnison R nr Somerset (2)	APR-JUL	360	410	450	148	490	555	305				
Surface Creek at Cedaredge	APR-JUL	18.9	22	25	146	28	32	17.1				
Ridgway Reservoir Inflow	APR-JUL	107	126	140	137	155	180	102				
Uncompahgre River at Colona (2)	APR-JUL	133	166	190	137	215	260	139				
Gunnison River nr Grand Junction (2)	APR-JUL	1900	2170	2350	151	2530	2800	1560				

GUNNISON RIVER BASIN Reservoir Storage (1000 AF) - End of March					GUNNISON RIVER BASIN Watershed Snowpack Analysis - April 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BLUE MESA	830.0	438.9	513.1	404.5	UPPER GUNNISON BASIN	15	209	138
CRAWFORD	14.0	8.6	14.0	10.8	SURFACE CREEK BASIN	3	203	117
FRUITGROWERS	4.4	4.2	4.5	4.0	UNCOMPAHGRE BASIN	4	180	118
FRUITLAND	9.2	7.8	6.1	2.5	TOTAL GUNNISON RIVER BASIN	19	202	133
MORROW POINT	121.0	111.3	113.0	113.6				
PAONIA	15.4	1.1	2.1	4.6				
RIDGWAY	83.0	64.8	79.6	60.9				
TAYLOR PARK	106.0	75.2	79.4	61.9				

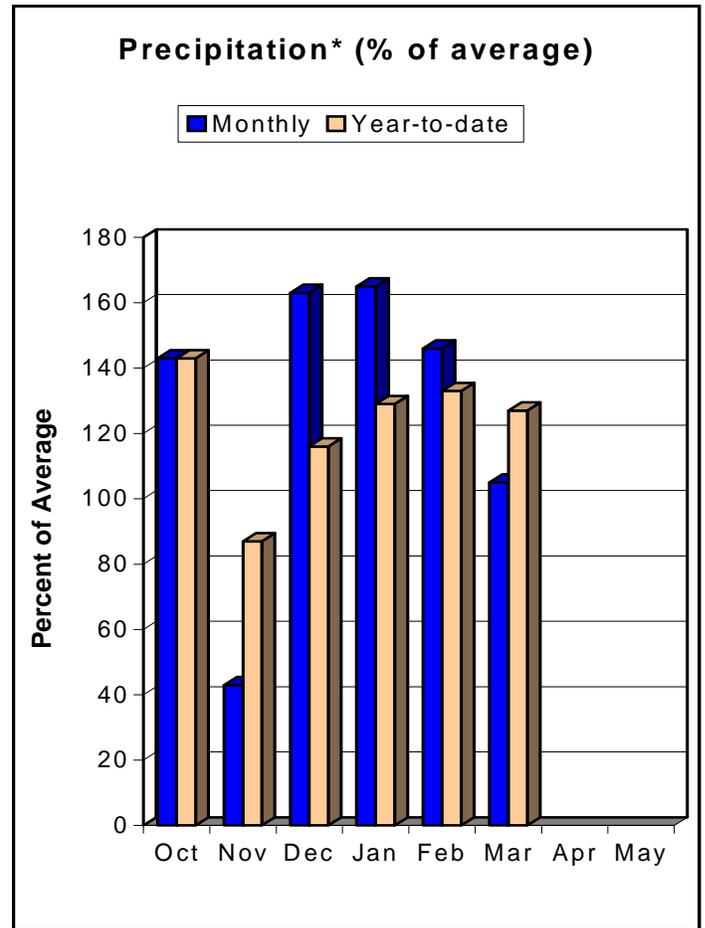
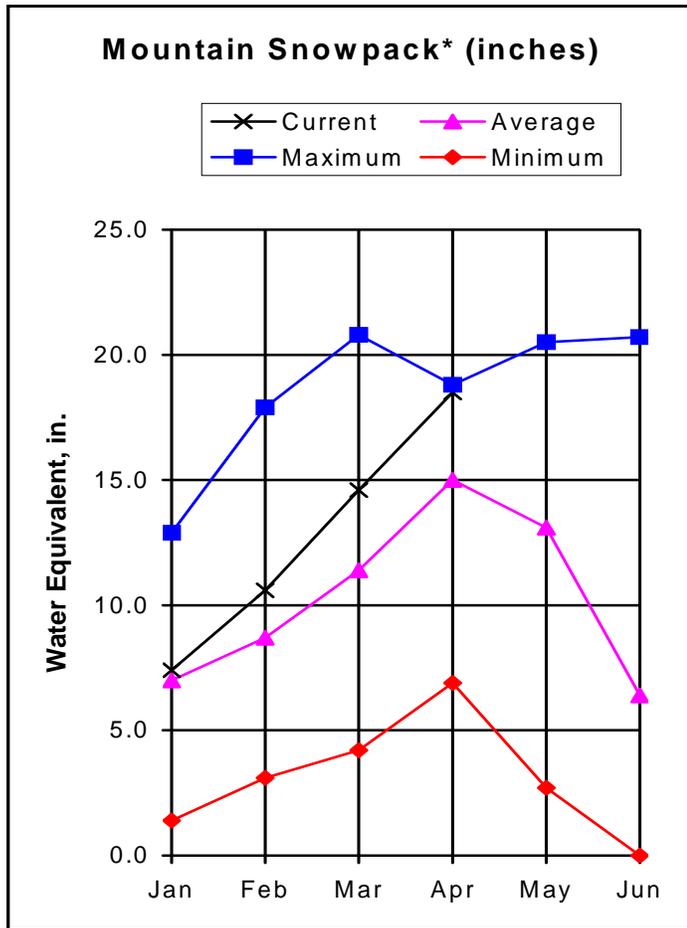
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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

(2) - The value is natural volume - actual volume may be affected by upstream water management.

UPPER COLORADO RIVER BASIN as of April 1, 2008



*Based on selected stations

Snowfall in the Upper Colorado River Basin during March was about normal, despite a less than stellar second half of the month. April 1 snowpacks were 123 percent of average, down slightly from last month's figure of 128 percent of average, but over twice the snow water content present a year ago. April 1 figures are the highest reported since 1996 when snowpacks were measured at 131 percent of average and represent only the third above average year since 1997. Above to well above average snowpacks were reported in all the sub-basins with figures ranging from 105 percent of average in the Muddy Creek Watershed to 148 percent of average in the Roaring Fork Drainage (which is the highest April 1 snowpack reported going back to 1968). Mountain precipitation during March was 105 percent of normal. The Upper Colorado was the only major watershed in Colorado to report above average monthly precipitation. Total precipitation for the water year remains above normal at 127 percent of average. Reservoir storage is 100 percent of average and 96 percent of the levels reported last year at this time. Most of the forecast points remained unchanged from last month. Near to well above average runoff continues to be expected during the April-July period for all forecast points in the basin. Streamflows are forecast to range from 102 percent of average for the Inflow to Lake Granby to 148 percent of average for the Roaring Fork at Glenwood Springs (up 7 percentage points from last month's forecast).

UPPER COLORADO RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<==== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)				
		90%		70%		50%			30%		10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)		(1000AF)	(1000AF)	(1000AF)	(1000AF)
Lake Granby Inflow (2)	APR-JUL	183	210	230	102	250	285	225				
Willow Creek Reservoir Inflow	APR-JUL	45	53	60	118	67	78	51				
Williams Fork Reservoir Inflow (2)	APR-JUL	88	100	109	115	118	133	95				
Dillon Reservoir Inflow (2)	APR-JUL	161	183	200	120	220	245	167				
Green Mountain Reservoir Inflow (2)	APR-JUL	270	305	335	120	365	415	280				
Muddy Creek blw Wolford Mtn Resv (2)	APR-JUL	51	61	68	113	76	88	60				
Eagle River blw Gypsum (2)	APR-JUL	330	385	425	127	465	535	335				
Colorado River nr Dotsero (2)	APR-JUL	1360	1560	1700	118	1850	2080	1440				
Ruedi Reservoir Inflow (2)	APR-JUL	159	182	200	142	220	250	141				
Roaring Fork at Glenwood Springs (2)	APR-JUL	860	970	1050	148	1130	1270	710				
Colorado River nr Cameo (2)	APR-JUL	2480	2860	3120	129	3380	3760	2420				

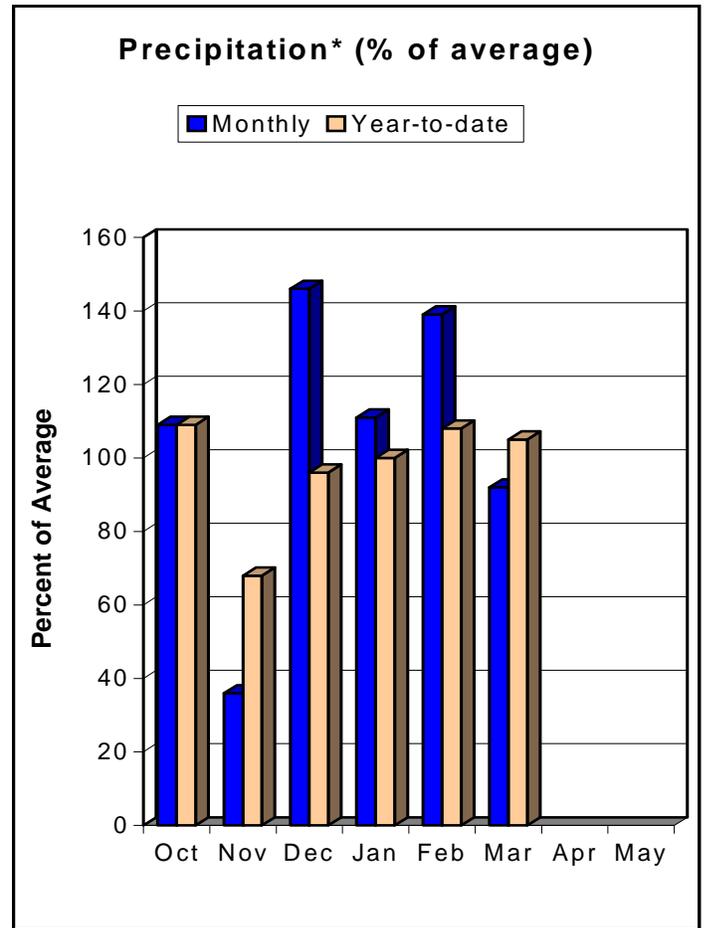
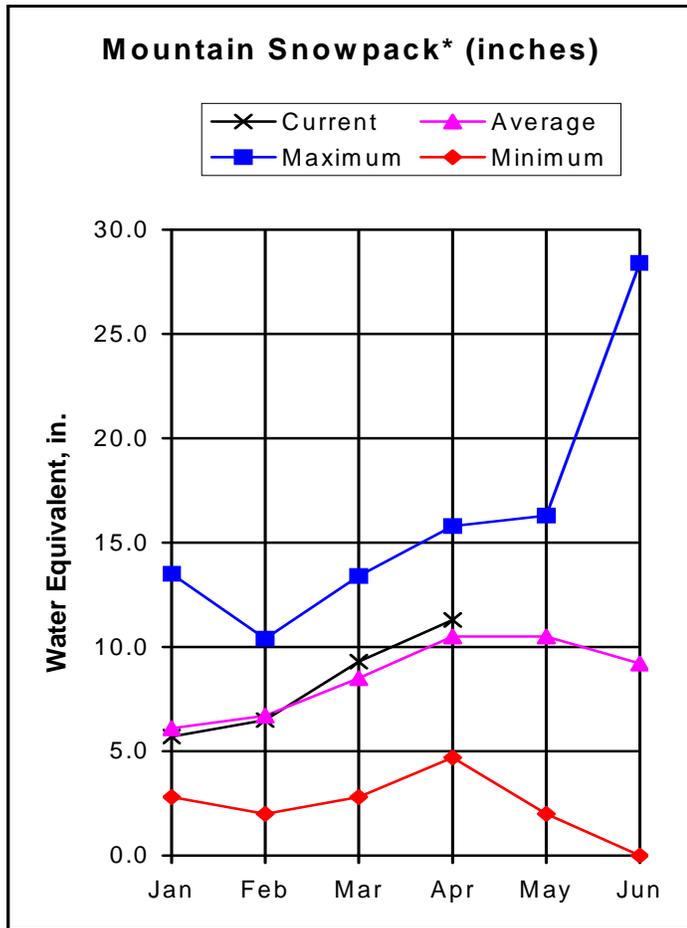
UPPER COLORADO RIVER BASIN Reservoir Storage (1000 AF) - End of March					UPPER COLORADO RIVER BASIN Watershed Snowpack Analysis - April 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
DILLON	250.7	230.2	239.6	214.5	BLUE RIVER BASIN	9	139	126
LAKE GRANBY	465.6	205.7	216.2	263.7	UPPER COLORADO RIVER BASIN	37	137	117
GREEN MOUNTAIN	146.8	57.3	66.0	59.8	MUDDY CREEK BASIN	4	160	105
HOMESTAKE	43.0	36.2	32.3	22.5	PLATEAU CREEK BASIN	3	203	117
RUEDI	102.0	63.1	68.8	61.9	ROARING FORK BASIN	8	191	148
VEGA	32.9	16.1	19.7	13.1	WILLIAMS FORK BASIN	4	128	118
WILLIAMS FORK	97.0	81.5	73.3	54.8	WILLOW CREEK BASIN	4	129	118
WILLOW CREEK	9.1	6.1	6.8	6.8	TOTAL COLORADO RIVER BASIN	48	151	123

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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

SOUTH PLATTE RIVER BASIN as of April 1, 2008



*Based on selected stations

At 92% of average, the South Platte River Basin was close to its average precipitation during the month of March and managed to keep year to date precipitation just barely above average. The slightly below average month brought the year to date precipitation down to 105% of average from 108% of average last month. Snowpack in the South Platte also remains slightly above average this month at 108% of average, down only one percent from last month. Most sub-basins are right at the average, with the Big Thompson at 100% of average and both Boulder Creek and the Cache la Poudre at 104% of average. The Upper South Platte is the winner this month at 123% of average while the Saint Vrain is the only basin trailing the average at 94%. Reservoir storage in the South Platte basin is at 92% of average based on reports from 33 reservoirs, which is exactly what it was at this time last year. Expect streamflow in the South Platte River Basin to be near average, with higher flows in the Upper South Platte and lower flows on the Saint Vrain. The April through September streamflow volume forecast for the South Platte at South Platte is for 120% of average, while the forecast for the Saint Vrain at Lyons is only 85% of average.

SOUTH PLATTE RIVER BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<==== Drier ==== Future Conditions ==== Wetter =====>>						30-Yr Avg. (1000AF)				
		90%		70%		50%			30%		10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)		(1000AF)	(1000AF)		
ANTERO RESERVOIR Inflow (2)	APR-JUL	10.6	15.5	20	119	26	38	16.8				
	APR-SEP	13.2	19.8	26	119	34	51	22				
SPINNEY MOUNTAIN RESV Inflow (2)	APR-JUL	36	52	66	118	85	122	56				
	APR-SEP	42	62	81	117	106	157	69				
ELEVENMILE CANYON RESV Inflow (2)	APR-JUL	36	53	69	119	90	131	58				
	APR-SEP	42	64	86	119	115	175	72				
CHEESMAN LAKE Inflow (2)	APR-JUL	68	103	135	118	178	265	114				
	APR-SEP	82	124	165	118	220	335	140				
SOUTH PLATTE R at South Platte (2)	APR-JUL	114	180	245	120	335	530	205				
	APR-SEP	139	220	305	120	420	670	255				
BEAR CREEK abv Evergreen	APR-JUL	10.2	16.1	22	114	30	47	19.3				
	APR-SEP	13.2	21	28	112	38	59	25				
BEAR CREEK at Morrison	APR-JUL	11.5	20	29	116	42	73	25				
	APR-SEP	14.1	24	35	113	51	87	31				
CLEAR CREEK at Golden	APR-JUL	93	111	124	113	137	155	110				
	APR-SEP	109	134	151	113	168	193	134				
ST. VRAIN CREEK at Lyons (2)	APR-JUL	63	73	80	85	87	97	94				
	APR-SEP	73	85	93	85	101	113	109				
BOULDER CREEK nr Orodell (2)	APR-JUL	36	42	47	90	52	58	52				
	APR-SEP	39	48	54	90	60	69	60				
SOUTH BOULDER CK nr Eldorado Spgs (2)	APR-JUL	36	42	45	110	48	54	41				
	APR-SEP	39	45	50	109	55	61	46				
BIG THOMPSON R at Canyon Mouth (2)	APR-JUL	69	82	91	92	100	113	99				
	APR-SEP	82	98	109	92	120	136	119				
CACHE LAPOUDRE at Canyon Mouth (2)	APR-JUL	157	200	235	96	275	350	245				
	APR-SEP	177	225	265	96	310	395	275				

SOUTH PLATTE RIVER BASIN Reservoir Storage (1000 AF) - End of March					SOUTH PLATTE RIVER BASIN Watershed Snowpack Analysis - April 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ANTERO	19.9	20.0	18.0	15.9	BIG THOMPSON BASIN	7	106	100
BARR LAKE	30.1	28.9	28.8	27.9	BOULDER CREEK BASIN	5	95	104
BLACK HOLLOW	6.5	2.2	2.3	4.0	CACHE LA POUFRE BASIN	8	114	104
BOYD LAKE	44.0	20.9	13.1	33.0	CLEAR CREEK BASIN	4	122	115
BUTTON ROCK/RALPH PRICE	16.2	12.5	14.9	12.1	SAINT VRAIN BASIN	4	121	94
CACHE LA POUFRE	10.1	6.3	8.0	8.6	UPPER SOUTH PLATTE BASIN	15	131	123
CARTER	108.9	37.0	61.7	100.9	TOTAL SOUTH PLATTE BASIN	43	115	108
CHAMBERS LAKE	8.8	1.5	1.7	3.3				
CHEESMAN	79.0	74.8	77.1	60.8				
COBB LAKE	22.3	2.8	3.4	13.9				
ELEVEN MILE	98.0	99.3	99.4	96.4				
EMPIRE	36.5	33.7	34.5	31.8				
FOSSIL CREEK	11.1	6.2	9.8	7.9				
GROSS	42.0	22.9	22.9	23.9				
HALLIGAN	6.4	3.4	4.9	4.7				
HORSECREEK	14.7	14.2	13.8	13.9				
HORSETOOTH	149.7	120.4	111.8	119.1				
JACKSON	26.1	26.1	26.0	29.9				
JULESBURG	20.5	20.5	20.5	20.8				
LAKE LOVELAND	14.0	11.5	11.3	9.0				
LONE TREE	9.0	6.8	8.7	7.2				
MARIANO	6.0	3.9	5.4	4.5				
MARSHALL	10.0	5.2	7.5	6.0				
MARSTON	13.0	3.3	12.7	13.3				
MILTON	23.5	20.4	21.7	18.3				
POINT OF ROCKS	70.6	70.6	52.6	68.8				
PREWITT	28.2	24.6	24.6	25.0				
RIVERSIDE	55.8	54.6	55.0	58.2				
SPINNEY MOUNTAIN	49.0	37.6	33.1	32.1				
STANDLEY	42.0	37.7	41.2	34.6				
TERRY LAKE	8.0	5.7	6.1	5.4				
UNION	13.0	10.6	8.4	11.1				
WINDSOR	15.2	12.7	1.4	12.4				

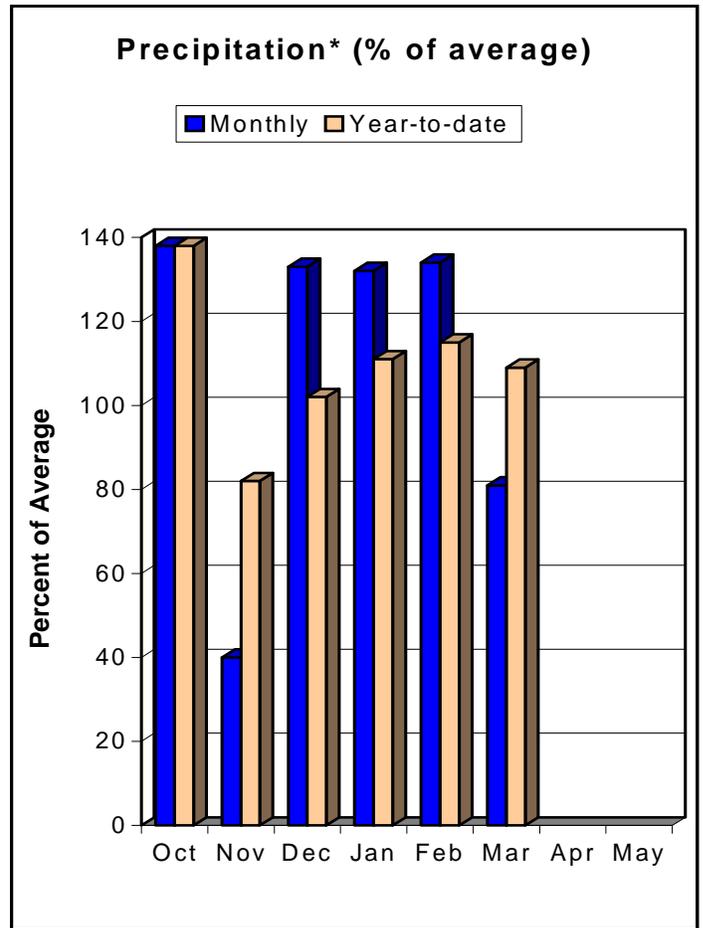
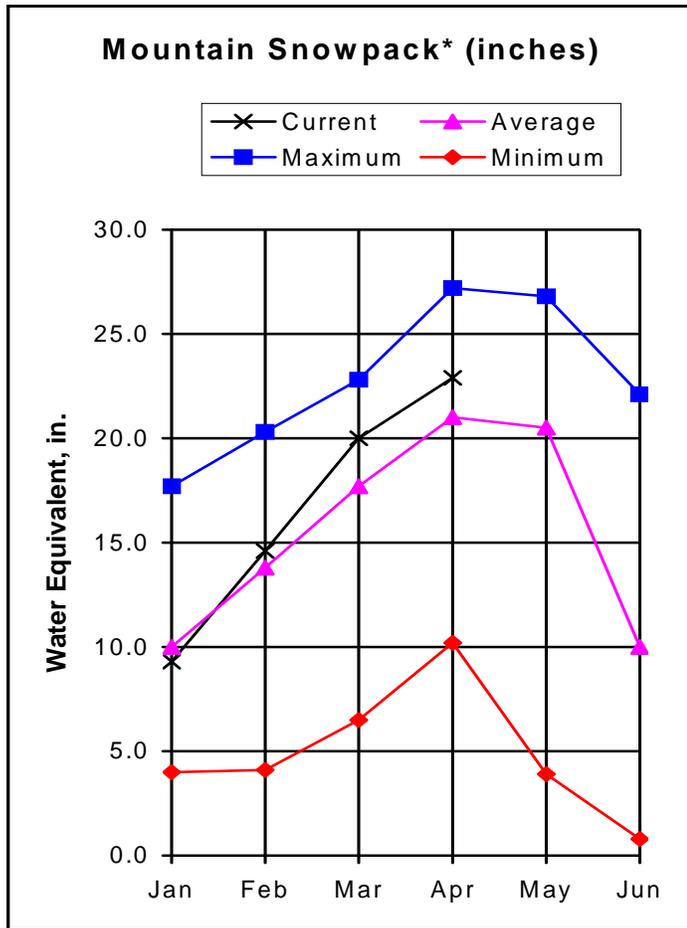
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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

(2) - The value is natural volume - actual volume may be affected by upstream water management.

YAMPA, WHITE, NORTH PLATTE AND LARAMIE RIVER BASINS as of April 1, 2008



*Based on selected stations

The combined Yampa, White, North Platte and Laramie River basins saw a slight decline in snowpack percentages from last month, dropping from 113 percent of average to 109 percent of average. This is significantly better than the snowpacks present at this time last year (147 percent of last year's figures). Sub-basin snowpacks are near average to above average throughout the area. The White River Drainage reported the lowest April 1 snowpack percentage at 99 percent of average, however it is still the third highest figure since 1997. At 121 percent of average, the Elk River Watershed touted the highest figures in the combined basins, and this is the highest April 1 percentage the sub-basin has seen since 1997. March precipitation at the higher elevations was below average for only the second month since the beginning of the water year. SNOTEL data indicates precipitation over the last month was only 81 percent of average. As a result, percent of average figures for the total water year precipitation dropped to 109 percent of average, down from last month's 115 percent of average figure. Reservoir storage is just slightly below normal at 96 percent of average. Both Stagecoach and Yamcolo reservoirs are expected to fill this year. Spring and summer streamflows are predicted to be near to well above normal throughout the basin. April-July runoff should range from 103 percent of average for the White River near Meeker to 142 percent of average for Elkhead Creek below Maynard Gulch.

YAMPA, WHITE, AND NORTH PLATTE RIVER BASINS
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<==== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
NORTH PLATTE RIVER nr Northgate	APR-JUL	205	255	295	120	335	405	245
	APR-SEP	220	280	325	120	370	450	270
LARAMIE RIVER nr Woods	APR-JUL	86	117	138	112	159	190	123
	APR-SEP	93	128	151	112	174	210	135
Yampa R ab Stagecoach Reservoir (2)	APR-JUL	20	27	33	114	39	50	29
Yampa River at Steamboat Springs (2)	APR-JUL	225	265	295	105	325	375	280
Elk River nr Milner	APR-JUL	320	370	405	125	440	500	325
Elkhead Creek nr Elkhead	APR-JUL	34	43	50	128	57	69	39
Elkhead Creek blw Maynard Gulch (2)	APR-JUL	60	74	84	142	95	112	59
Fortification Ck nr Fortification	MAR-JUN	6.7	8.5	10.0	133	11.6	14.4	7.5
	APR-JUN	5.7	7.5	9.0	143	10.6	13.4	6.3
Yampa River nr Maybell (2)	APR-JUL	855	1030	1150	116	1280	1490	990
Little Snake River nr Slater	APR-JUL	154	180	200	126	220	250	159
Little Snake River nr Dixon	APR-JUL	295	370	430	130	490	590	330
Little Snake River nr Lily	APR-JUL	320	405	470	129	540	650	365
White River nr Meeker	APR-JUL	225	270	300	103	335	385	290

YAMPA, WHITE, AND NORTH PLATTE RIVER BASINS Reservoir Storage (1000 AF) - End of March					YAMPA, WHITE, AND NORTH PLATTE RIVER BASINS Watershed Snowpack Analysis - April 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
STAGECOACH	33.3	24.1	28.2	24.6	LARAMIE RIVER BASIN	4	124	112
YAMCOLO	8.7	6.1	7.3	6.9	NORTH PLATTE RIVER BASIN	12	136	105
					TOTAL NORTH PLATTE BASIN	15	133	106
					ELK RIVER BASIN	2	160	121
					YAMPA RIVER BASIN	12	153	109
					WHITE RIVER BASIN	6	146	99
					TOTAL YAMPA AND WHITE RIV	17	154	107
					LITTLE SNAKE RIVER BASIN	8	167	118
					TOTAL YAMPA, WHITE AND NO	37	147	109

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

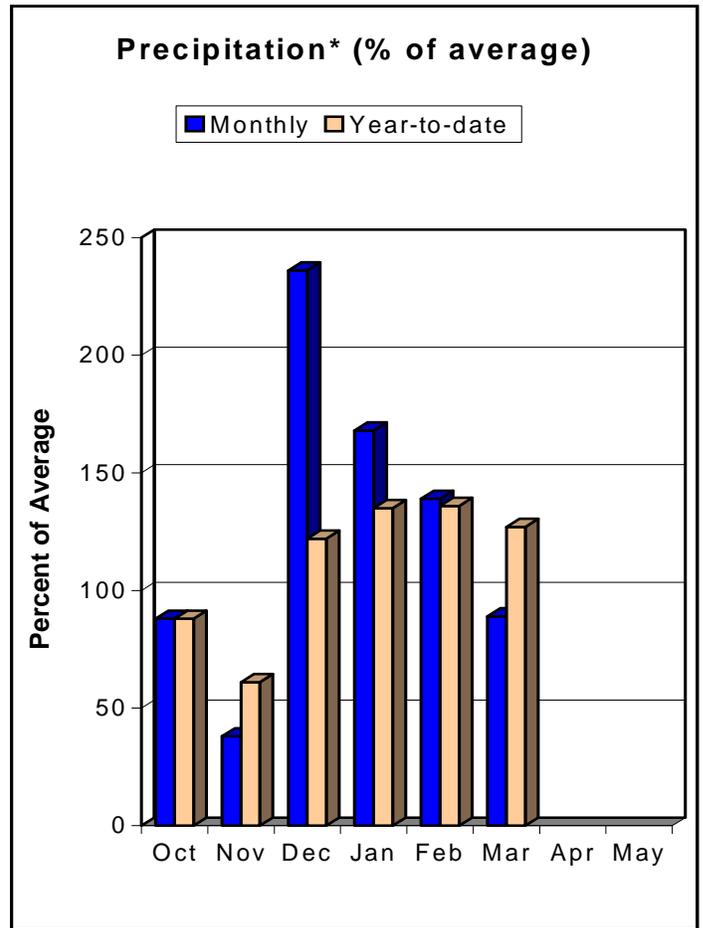
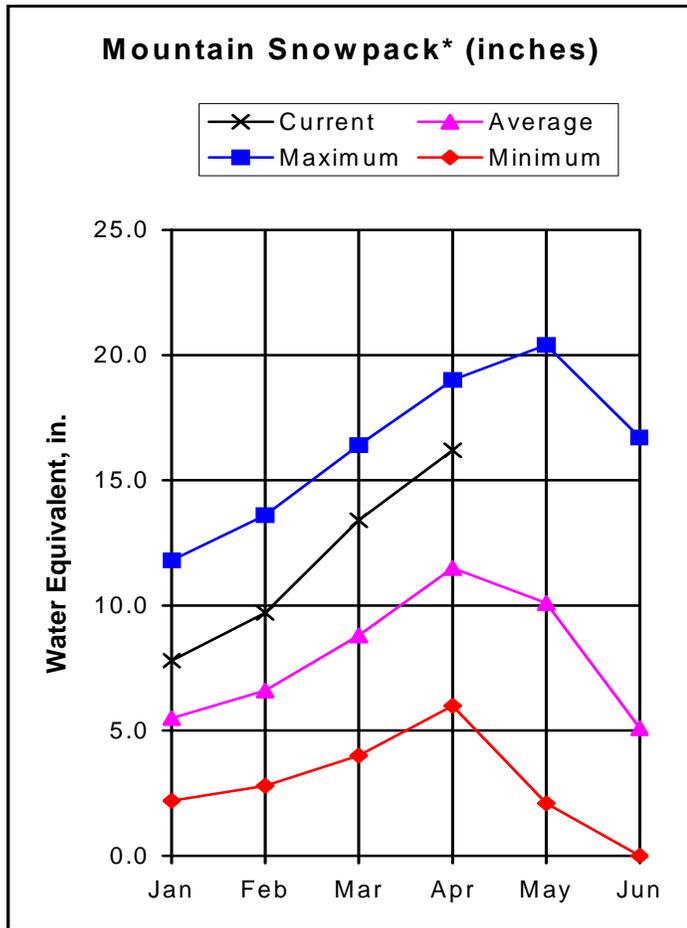
The average is computed for the 1971-2000 base period.

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

(2) - The value is natural volume - actual volume may be affected by upstream water management.

ARKANSAS RIVER BASIN

as of April 1, 2008



*Based on selected stations

Precipitation finally slowed down a little bit in March in the Arkansas River Basin. After three straight months of above average precipitation, only 89% of average fell during the month of March. The year to date precipitation on the Arkansas was at 136% of average last month. Due to the lower than average month of March, it is now at 127% of average. Snowpack on the Arkansas is still well above average at 141% overall, with the southern sub-basins carrying a little more of the load. The Purgatoire is at 163% of average, while the Upper Arkansas is at 138% of average. Whitewater boaters will be interested to know that the Upper Arkansas has the highest April 1 percent of average snowpack since 1984 when it was at 147% of average. In 1996, it was 137% of average. Reservoirs storage in the Arkansas Basin is at 94% of average and 107% of the storage at this time last year. April through September streamflow volume on the Arkansas looks to be high on all waterways. Most notably, Chalk Creek at Nathrop is expected to produce 167% of its average volume and Grape Creek at Westcliffe is expected to run at 158% of its average volume. Expect 118% of average streamflow volume to enter Trinidad Lake.

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ARKANSAS RIVER BASIN
Streamflow Forecasts - April 1, 2008

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Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
CHALK CK at Nathrop	APR-JUL	27	34	39	170	44	53	23
	APR-SEP	31	39	45	167	52	63	27
ARKANSAS RIVER at Salida (2)	APR-JUL	300	355	390	153	430	490	255
	APR-SEP	335	405	460	148	505	600	310
GRAPE CK nr Westcliffe	APR-JUL	13.0	20	25	155	30	39	16.1
	APR-SEP	17.0	25	31	158	37	47	19.6
PUEBLO RESERVOIR Inflow (2)	APR-JUL	360	480	555	144	635	755	385
	APR-SEP	395	555	700	144	765	920	485
HUERFANO RIVER nr Redwing	APR-JUL	11.0	14.0	16.1	131	19.0	23	12.3
	APR-SEP	12.0	19.0	20	129	24	29	15.5
CUCHARAS RIVER nr La Veta	APR-JUL	10.0	12.7	16.2	143	20	26	11.3
	APR-SEP	10.0	14.6	18.5	142	22	29	13.0
TRINIDAD LAKE Inflow (2)	MAR-JUL	9.0	26	41	121	60	95	34
	APR-JUL	6.0	23	38	119	57	92	32
	APR-SEP	17.0	36	52	118	71	106	44

ARKANSAS RIVER BASIN Reservoir Storage (1000 AF) - End of March					ARKANSAS RIVER BASIN Watershed Snowpack Analysis - April 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ADOBE	62.0	57.5	50.3	37.0	UPPER ARKANSAS BASIN	9	169	138
CLEAR CREEK	11.4	4.4	7.2	6.7	CUCHARAS & HUERFANO RIVER	4	174	152
CUCHARAS RESERVOIR	40.0	1.9	2.8	5.4	PURGATOIRE RIVER BASIN	2	186	163
GREAT PLAINS	150.0	0.0	0.0	41.9	TOTAL ARKANSAS RIVER BASIN	14	170	141
HOLBROOK	7.0	0.8	2.2	4.9				
HORSE CREEK	27.0	0.0	0.0	12.6				
JOHN MARTIN	616.0	66.0	70.2	137.3				
LAKE HENRY	8.0	6.9	7.6	6.7				
MEREDITH	42.0	39.7	30.8	19.0				
PUEBLO	354.0	252.2	192.6	173.3				
TRINIDAD	167.0	27.3	31.7	27.5				
TURQUOISE	127.0	47.0	64.9	74.0				
TWIN LAKES	86.0	50.5	56.2	42.5				

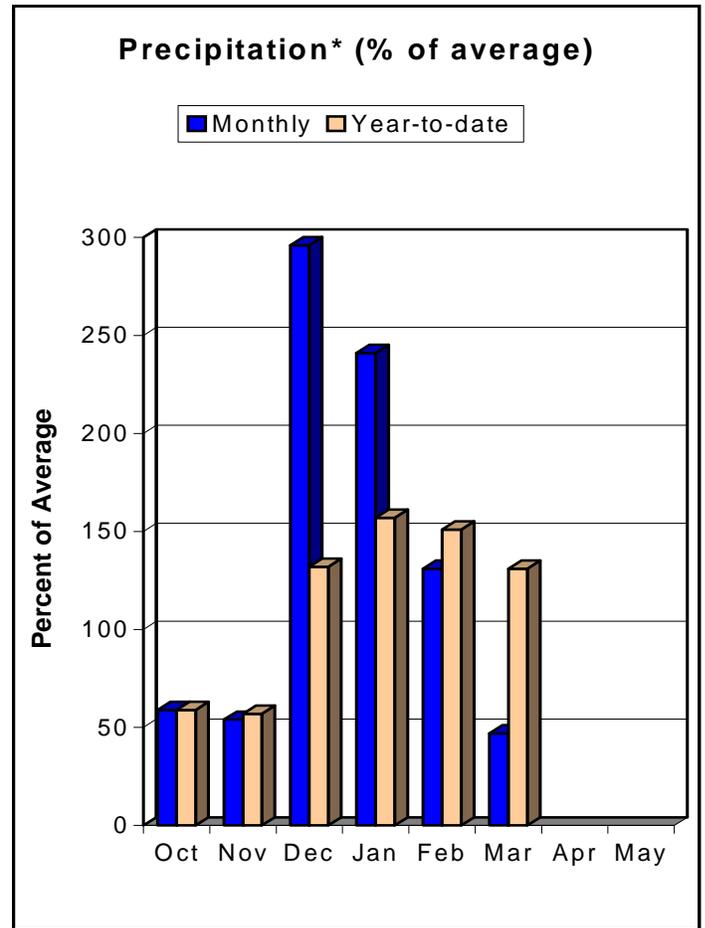
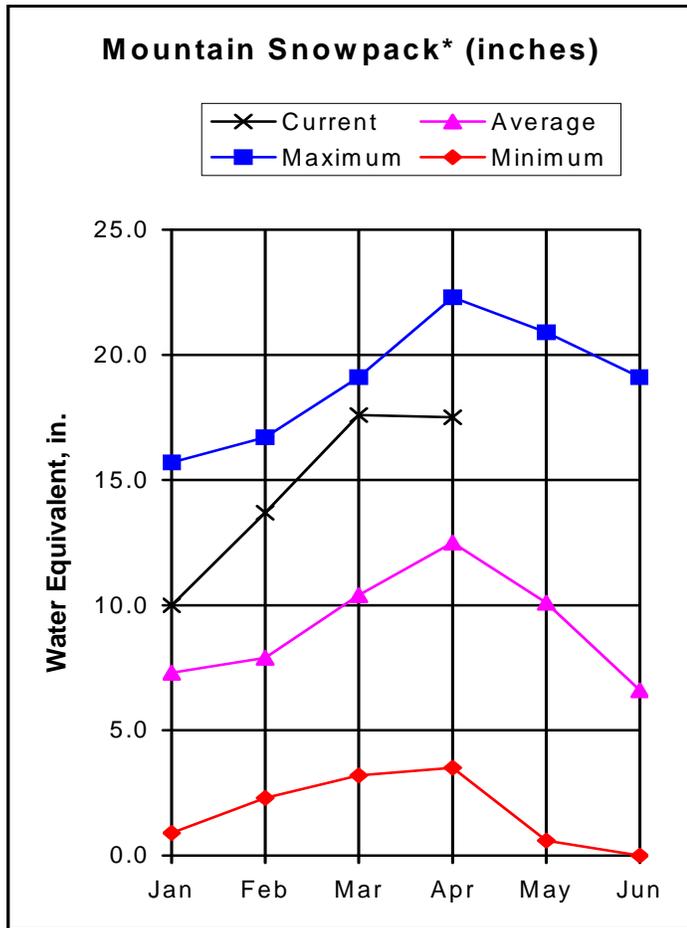
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The average is computed for the 1971-2000 base period.

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

(2) - The value is natural volume - actual volume may be affected by upstream water management.

UPPER RIO GRANDE RIVER BASIN as of April 1, 2008



*Based on selected stations

After receiving over 200% of average precipitation in both December and January in the Rio Grande River Basin, then staying above average in February, March may have been a disappointment. Only 47% of average precipitation fell during March, bringing the year to date precipitation down to 131% of average from 151% of average last month. The low precipitation affected the snowpack, however snowpack levels on the Rio Grande remain strong at 140% of average, down from 169% of average last month. The last time snow levels were higher than this year was in 1980, when snowpack was at 154% of average on April 1. High snow levels are widespread throughout the basin and range from 128% of average on Culebra and Trinchera Creeks to 161% of average on Alamosa Creek. Reservoir storage is 103% of average based on reports from six facilities, and 121% of storage at this time last year. As would be expected, April through September streamflow volume on all creeks is expected to be well above average, ranging from 189% of average on the San Antonio River at Ortiz down to 122% of average on Culebra Creek at San Luis.

UPPER RIO GRANDE BASIN
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<==== Drier ===== Future Conditions ===== Wetter =====>>						30-Yr Avg. (1000AF)				
		90%		70%		50%			30%		10%	
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)		(1000AF)	(1000AF)		
Rio Grande at Thirty Mile Bridge (2)	APR-SEP	143	167	184	135	200	230	136				
	APR-JUL	130	149	163	138	178	200	118				
Rio Grande at Wagon Wheel Gap (2)	APR-SEP	350	415	465	135	515	595	345				
South Fork Rio Grande at South Fork	APR-SEP	156	179	195	148	210	240	132				
Rio Grande nr Del Norte (2)	APR-SEP	570	670	745	140	825	950	531				
Saguache Creek nr Saguache (2)	APR-SEP	30	38	44	133	51	61	33				
Alamosa Creek abv Terrace Reservoir	APR-SEP	78	91	100	143	110	126	70				
La Jara Creek nr Capulin	MAR-JUL	8.3	10.8	12.8	147	15.0	18.7	8.7				
	APR-JUL	7.4	9.9	11.9	149	14.1	17.9	8.0				
Trinchera Creek abv Turners Ranch	APR-SEP	10.0	13.1	15.2	127	17.3	20	12.0				
Sangre de Cristo Creek (2)	APR-SEP	5.4	9.0	11.4	130	13.8	17.4	8.8				
Ute Ck nr Fort Garland	APR-SEP	8.5	11.9	14.6	120	17.7	23	12.2				
Platoro Reservoir Inflow	APR-JUL	64	73	80	125	87	99	64				
	APR-SEP	71	81	89	125	97	110	71				
Conejos River nr Mogote (2)	APR-SEP	240	275	300	150	325	370	200				
San Antonio River at Ortiz	APR-SEP	21	27	31	189	36	43	16.4				
Los Pinos River nr Ortiz	APR-SEP	93	110	122	165	135	157	74				
Culebra Creek at San Luis (2)	APR-SEP	15.5	22	28	122	35	46	23				
Costilla Reservoir Inflow	MAR-JUL	8.0	10.5	12.5	118	14.8	18.6	10.6				
	APR-JUL	7.1	9.6	11.6	115	13.9	17.7	10.1				
Costilla Creek nr Costilla (2)	MAR-JUL	20	27	33	127	39	51	26				
	APR-JUL	17.4	24	30	125	36	48	24				

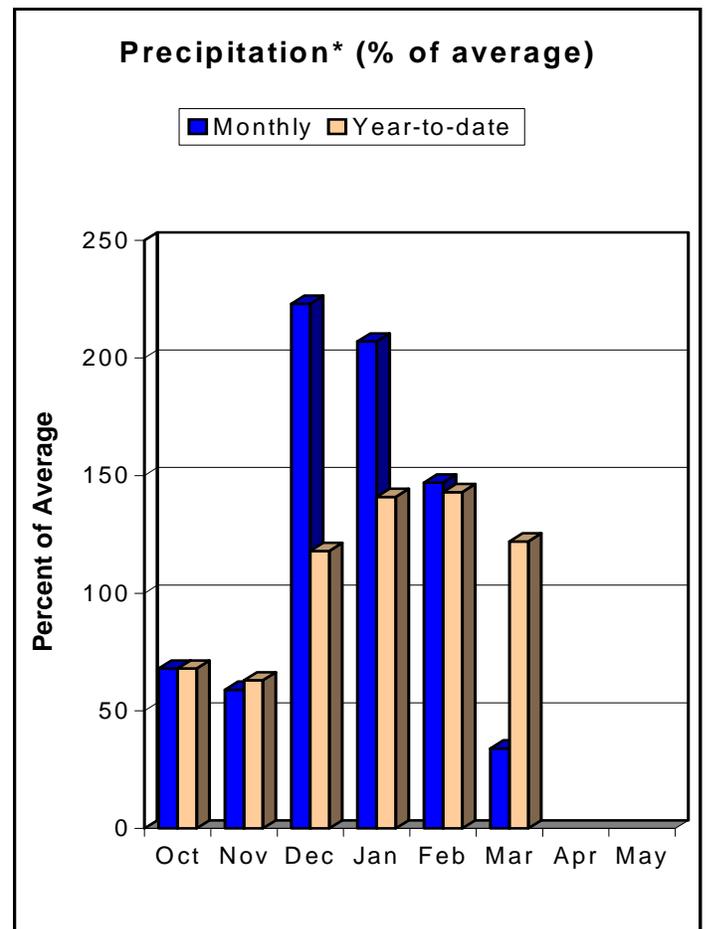
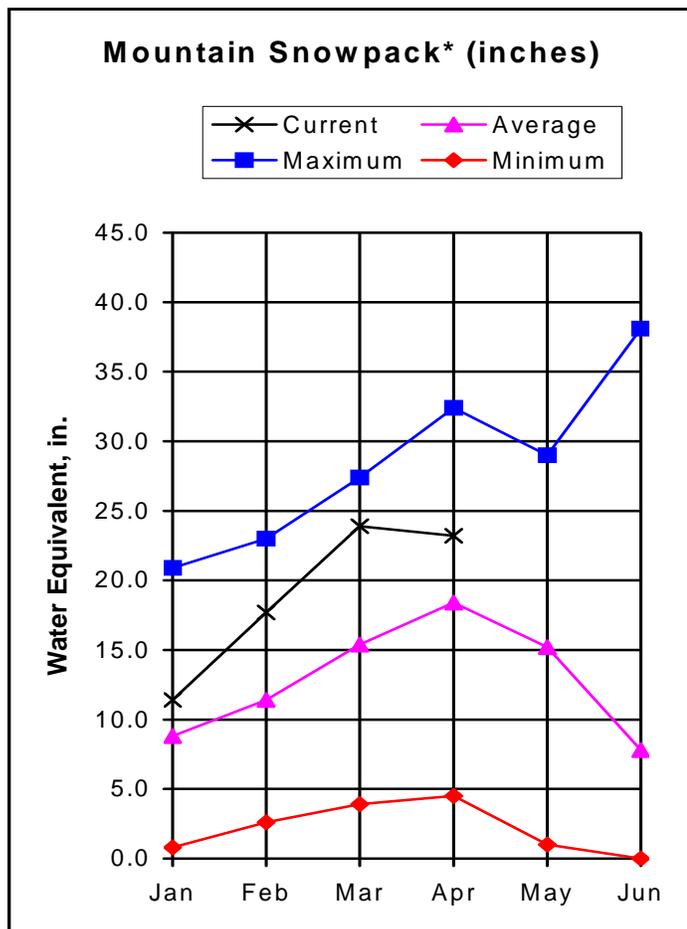
UPPER RIO GRANDE BASIN Reservoir Storage (1000 AF) - End of March					UPPER RIO GRANDE BASIN Watershed Snowpack Analysis - April 1, 2008			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CONTINENTAL	27.0	5.3	6.8	5.9	ALAMOSA CREEK BASIN	2	330	161
PLATORO	60.0	13.6	10.9	24.5	CONEJOS & RIO SAN ANTONIO	4	213	149
RIO GRANDE	51.0	29.3	27.4	19.3	CULEBRA & TRINCHERA CREEK	5	166	128
SANCHEZ	103.0	30.8	15.1	24.9	UPPER RIO GRANDE BASIN	12	189	137
SANTA MARIA	45.0	7.7	8.5	10.8	TOTAL UPPER RIO GRANDE BA	23	199	140
TERRACE	18.0	8.8	10.3	7.6				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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

SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN RIVER BASINS as of April 1, 2008



*Based on selected stations

SNOTEL data in the combined San Miguel, Dolores, Animas and San Juan River basins indicates that the April 1 snow water content has remained essentially unchanged when compared to the March 1 reading. However, in terms of percent of average, the combined basins plummeted from 155 percent of average on March 1 to 126 percent of average on April 1. Despite that, this month's figure is still the second highest April 1 snowpack percentage going back to 1993. All the sub-basins are reporting above to well above snowpacks. The lowest snowpack measurements are in the San Miguel Watershed at 121 percent of average. At 133 percent of average, the San Juan Watershed boasted the highest percentages in the combined basins. March precipitation at the higher elevations was well below normal at 34 percent of average. This is the lowest monthly precipitation figure reported in any of the major watersheds in the state. As you would expect, precipitation totals for the water year dropped from 143 percent of average last month to 122 percent of average this month. Reservoir storage remains slightly above normal at 101 percent of average. Although the forecasts are down anywhere from 5 to 26 percentage points from last month, spring and summer runoff is still expected to be above to well above average at all the forecast points in the basin. Volumes are expected to range from 120 percent of average for the La Plata River at Hesperus to 157 percent of average for the Rio Blanco at Blanco Diversion.

SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN RIVER BASINS
Streamflow Forecasts - April 1, 2008

Forecast Point	Forecast Period	<<==== Drier ==== Future Conditions ===== Wetter =====>>		Chance Of Exceeding *				30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Dolores River at Dolores	APR-JUL	280	330	370	140	410	480	265
McPhee Reservoir Inflow	APR-JUL	330	400	450	141	505	550	320
San Miguel River nr Placerville	APR-JUL	136	161	180	136	200	235	132
Gurley Reservoir Inlet	APR-JUL	17.0	20	23	126	26	30	18.3
Cone Reservoir Inlet	APR-JUL	1.9	3.3	4.5	138	6.0	8.7	3.3
Lilylands Reservoir Inlet	APR-JUL	2.6	3.4	3.9	133	4.5	5.5	2.9
Rio Blanco at Blanco Diversion (2)	APR-JUL	66	77	83	157	94	107	53
Navajo River at Oso Diversion (2)	APR-JUL	77	91	101	146	112	129	69
San Juan River nr Carracas (2)	APR-JUL	485	560	620	153	680	780	405
Piedra River nr Arboles	APR-JUL	275	320	345	150	395	455	230
Vallecito Reservoir Inflow	APR-JUL	200	230	255	124	280	320	205
Navajo Reservoir Inflow (2)	APR-JUL	910	1090	1220	155	1360	1590	785
Animas River at Durango	APR-JUL	485	555	610	139	665	755	440
Lemon Reservoir Inflow	APR-JUL	54	63	70	121	77	89	58
La Plata River at Hesperus	APR-JUL	22	27	30	120	34	39	25
Mancos River nr Mancos (2)	APR-JUL	30	41	48	146	55	66	33
	APRIL			7.0	159			4.4
	MAY			18.0	146			12.3
	JUNE			16.6	147			11.3
	JULY			6.4	128			5.0

SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN RIVER BASINS
Reservoir Storage (1000 AF) - End of March

SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN RIVER BASINS
Watershed Snowpack Analysis - April 1, 2008

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GROUNDHOG	22.0	15.9	18.3	12.2	ANIMAS RIVER BASIN	9	225	124
JACKSON GULCH	10.0	5.7	6.7	5.1	DOLORES RIVER BASIN	7	279	126
LEMON	40.0	24.0	36.3	21.2	SAN MIGUEL RIVER BASIN	5	182	121
MCPHEE	381.0	291.5	307.0	273.6	SAN JUAN RIVER BASIN	4	189	133
NARRAGUINNEP	19.0	17.9	18.7	15.5	TOTAL SAN MIGUEL, DOLORES	24	217	126
VALLECITO	126.0	39.4	86.0	62.0	AN JUAN RIVER BASINS			

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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(2) - The value is natural volume - actual volume may be affected by upstream water management.



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In addition to the basin outlook reports, water supply forecast information for the Western United States is available from the Natural Resources Conservation Service and the National Weather Service monthly, January through May. The information may be obtained from the Natural Resources Conservation Service web page at <http://www.wcc.nrcs.usda.gov/wsf/westwide.html>

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