Water Watch Report
Denver Water
As of May 8th, 2006

Individual Reservoir Storage
5/8/06

Reservoir	Storage (AF)	Capacity (AF)	Current (% Full)	2005 (% Full)	Median 7-May (% Full)	
Antero	7,756	20,015	39%	9%	99%	
Eleven Mile	99,727	97,779	102%	101%	102%	
Cheesman	66,465	79,064	84%	101%	85%	
Marston	14,838	19,796	75%	98%	81%	
Chatfield	25,625	27,428	93%	100%	94%	
Dillon	229,049	254,036	90%	79%	85%	
Williams Fork	78,211	96,822	81%	61%	62%	
Wolford Mountain (DW)	25,613	25,613	100%	25%	90%	
Gross	15,320	41,811	37%	60%	48%	
Ralston	7,577	10,749	70%	97%	76%	
Total System	**570,181**	**673,113**	**85%**	**78%**	**82%**	*

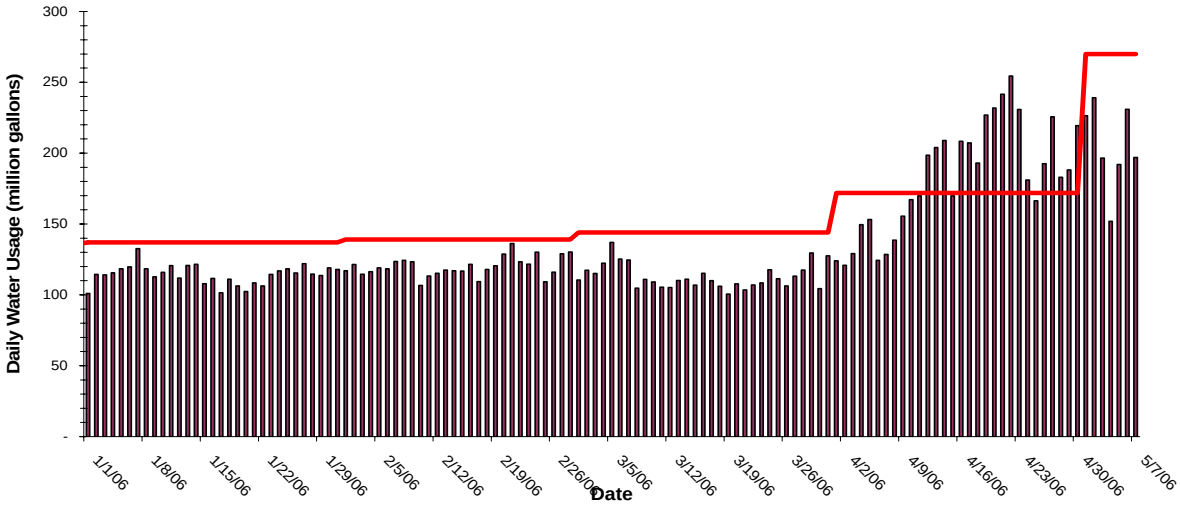
AF = Acre-Feet
1 acre-foot = 325,851 gallons, or 43,560 cubic feet, or 1 acre of land covered by 1 foot of water.

* 82% is the historical median for this date. The average storage for this date is 79%.

Average Customer Use

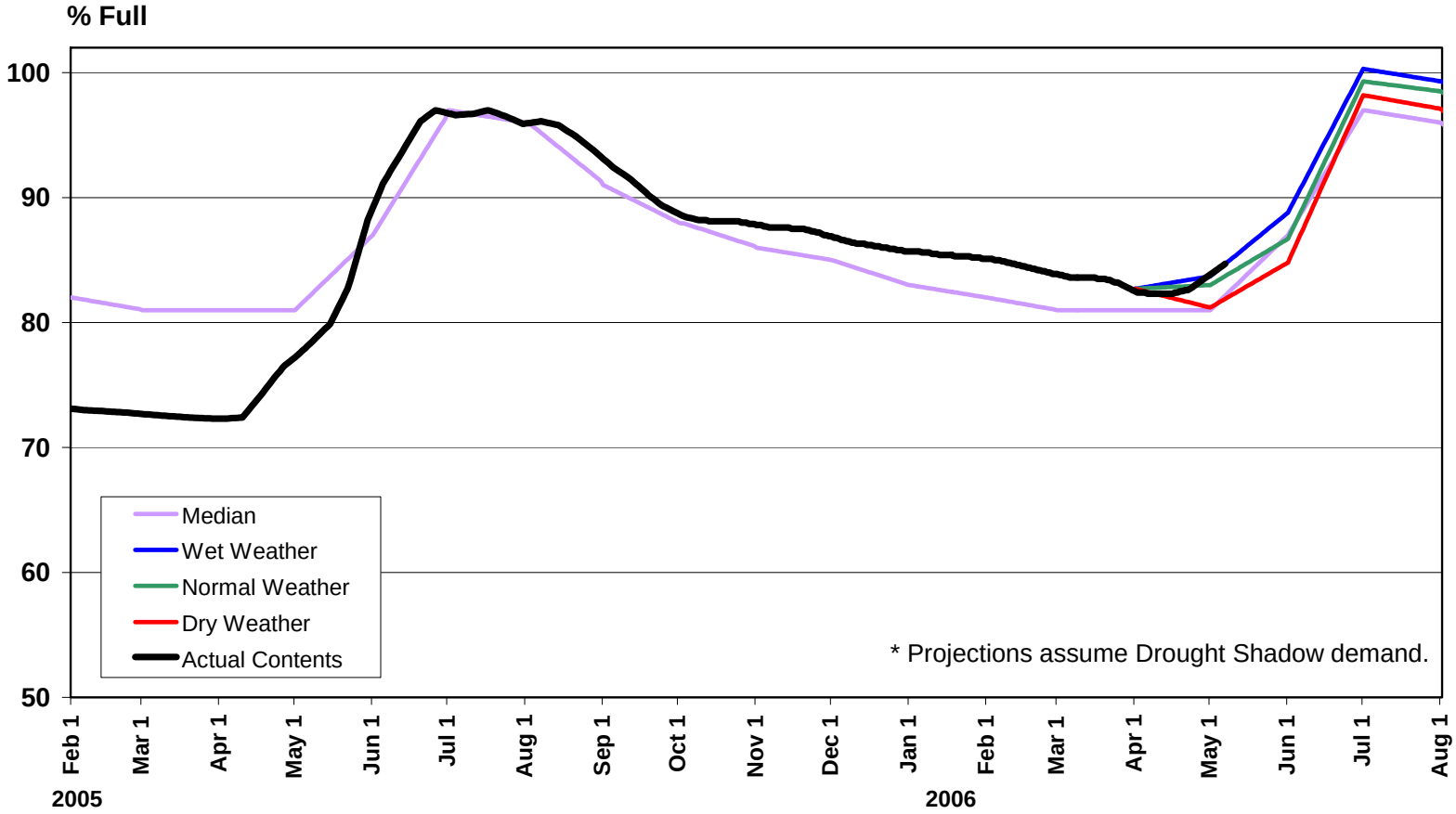
7-Day Average (mgd)	14-Day Average (mgd)
205	199

Actual Water Usage and Pre-Drought (1993-2001) Daily Usage



Denver Water Total Reservoir Storage

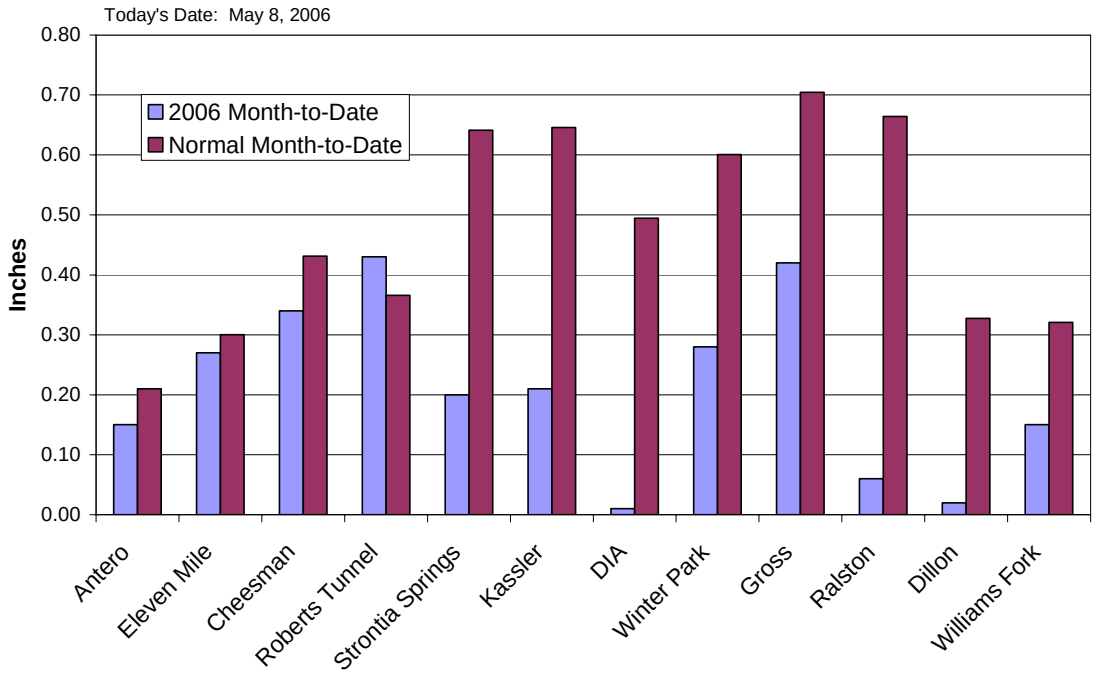
(Historical and Projected)



*Note: There is about a 10% chance that actual stream flow will be less than that assumed for the "dry" scenario and about a 10% chance that actual streamflow will be greater than that assumed for the "wet" scenario.

* Forecast Date is April 11, 2006.

May Month-to-Date Precipitation

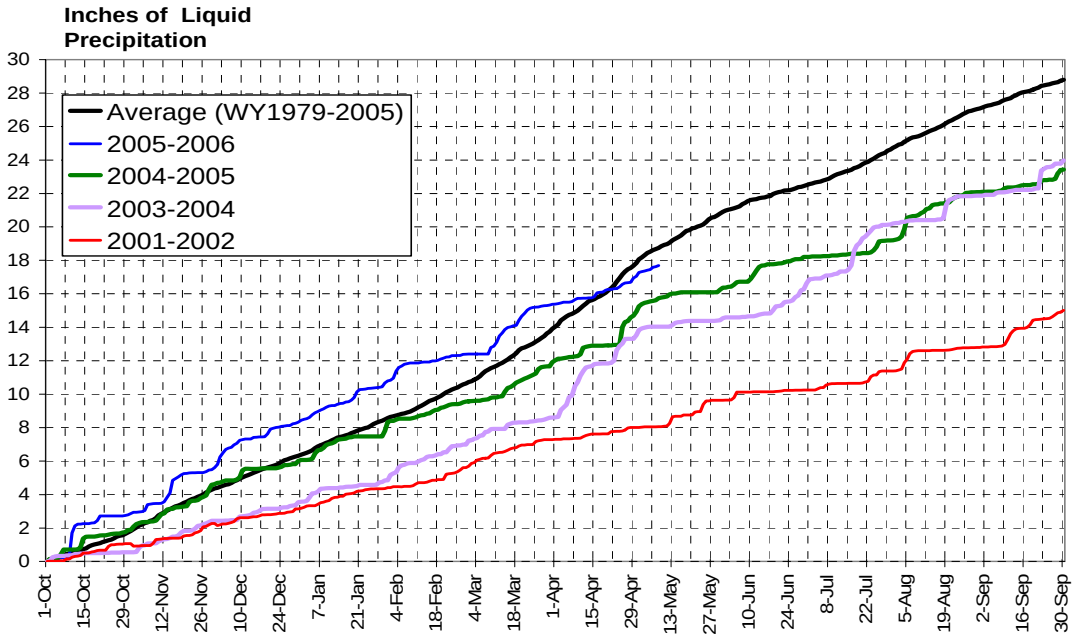


May Precipitation
5/8/06

Reservoir	Month to Date 2006	Month to Date Normal	Average Monthly Total
Antero	0.15	0.21	0.93
Eleven Mile	0.27	0.30	1.33
Cheesman	0.34	0.43	1.91
Roberts Tunnel	0.43	0.37	1.62
Strontia Springs	0.20	0.64	2.84
Kassler	0.21	0.65	2.86
DIA	0.01	0.49	2.19
Winter Park	0.28	0.60	2.66
Gross	0.42	0.70	3.12
Ralston	0.06	0.66	2.94
Dillon	0.02	0.33	1.45
Williams Fork	0.15	0.32	1.42
Average	**0.21**	**0.48**	**2.11**

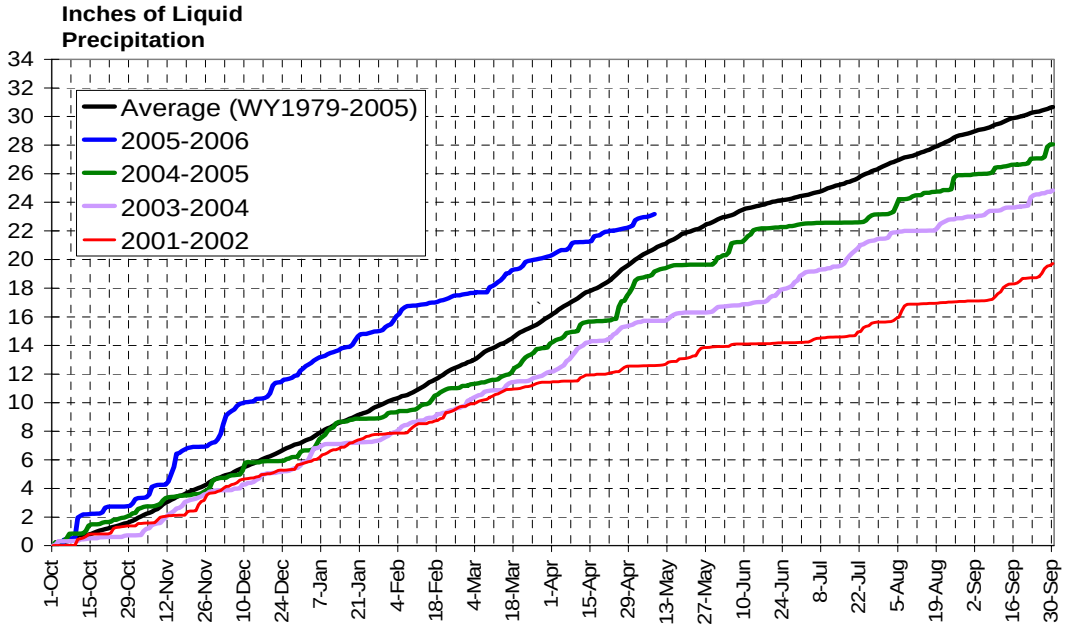
All values in inches unless noted otherwise.

Cumulative Precipitation - South Platte Watershed



Data are from the 7 Snotel stations above Denver Water's Upper South Platte diversion facilities.

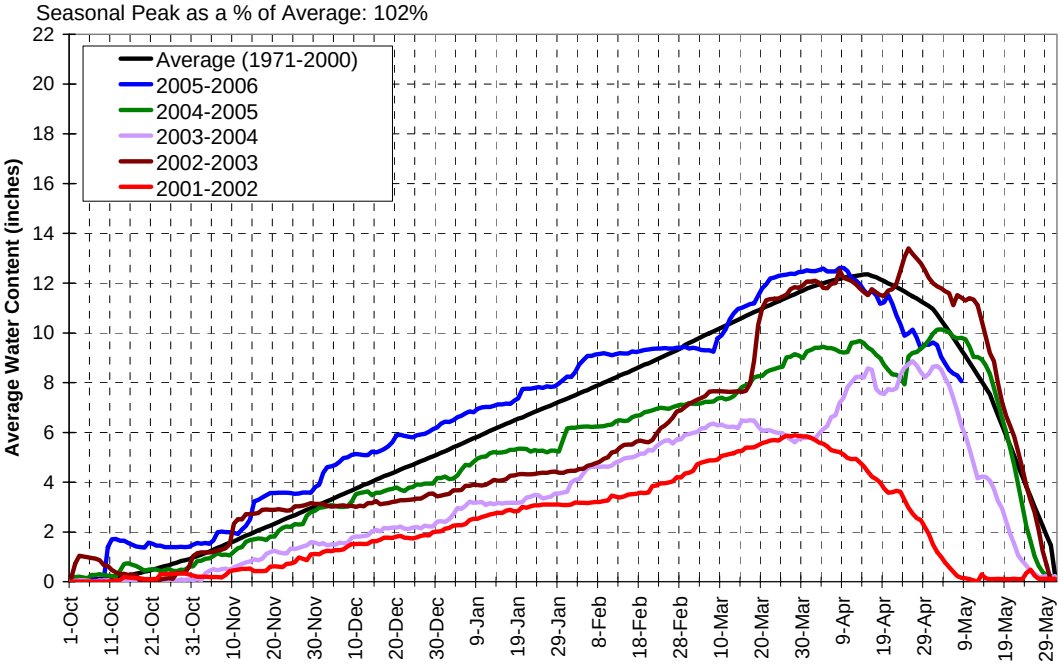
Cumulative Precipitation - Colorado River Watershed



Data are from the 8 Snotel stations above Denver Water's Upper Colorado diversion facilities.

Snowpack - South Platte Watershed
(liquid water content)

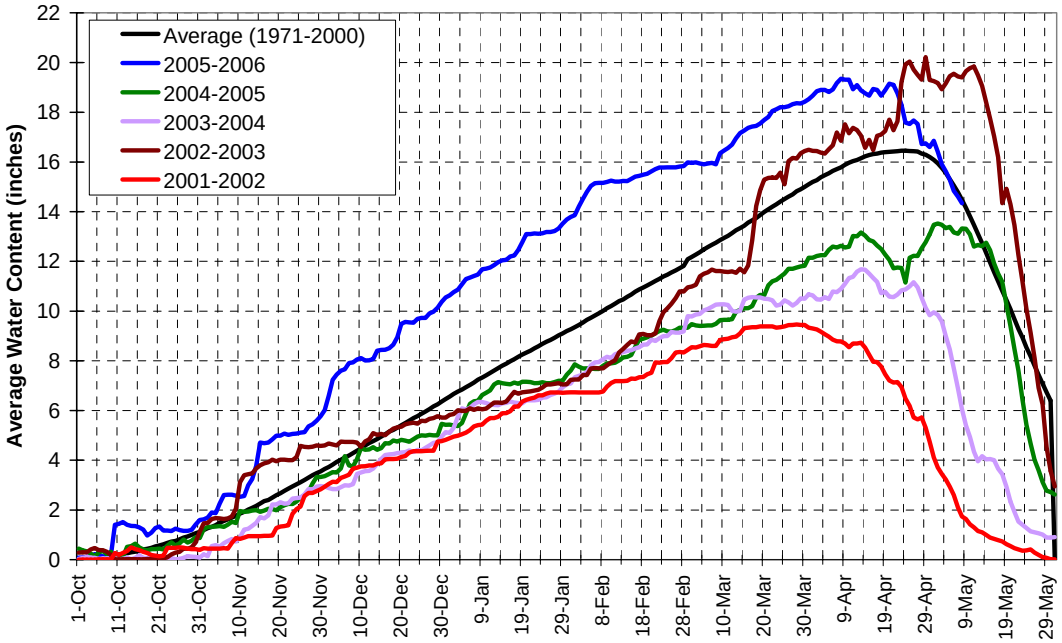
Today as a % of Average: 87%
Last week as a % of Average: 88%
Seasonal Peak as a % of Average: 102%



Data are from the 7 Snotel stations above Denver Water's Upper South Platte diversion facilities.

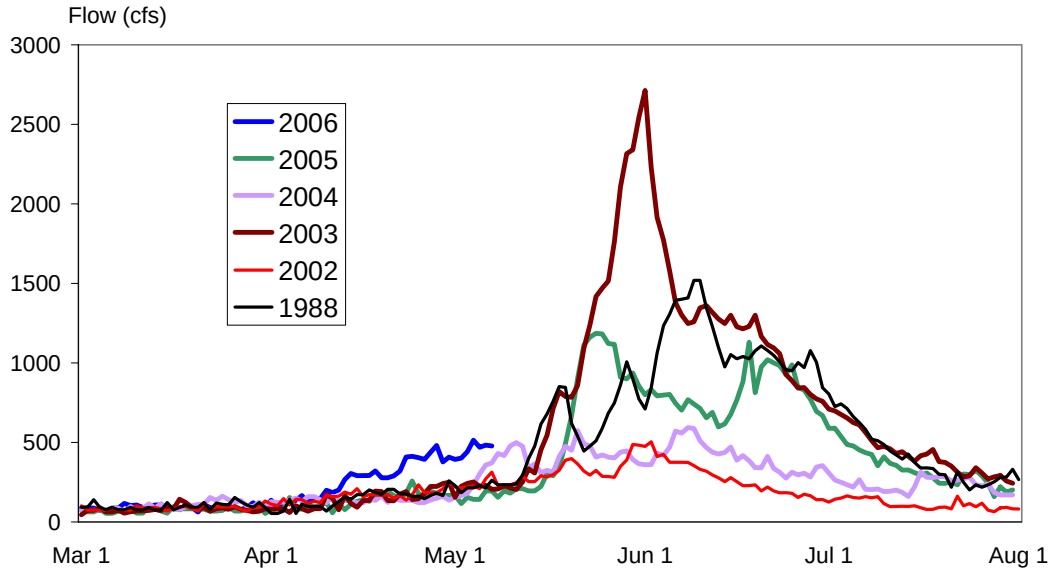
Snowpack - Colorado River Watershed
(liquid water content)

Today as a % of Average: 99%
Last week as a % of Average: 105%
Seasonal Peak as a % of Average: 118%



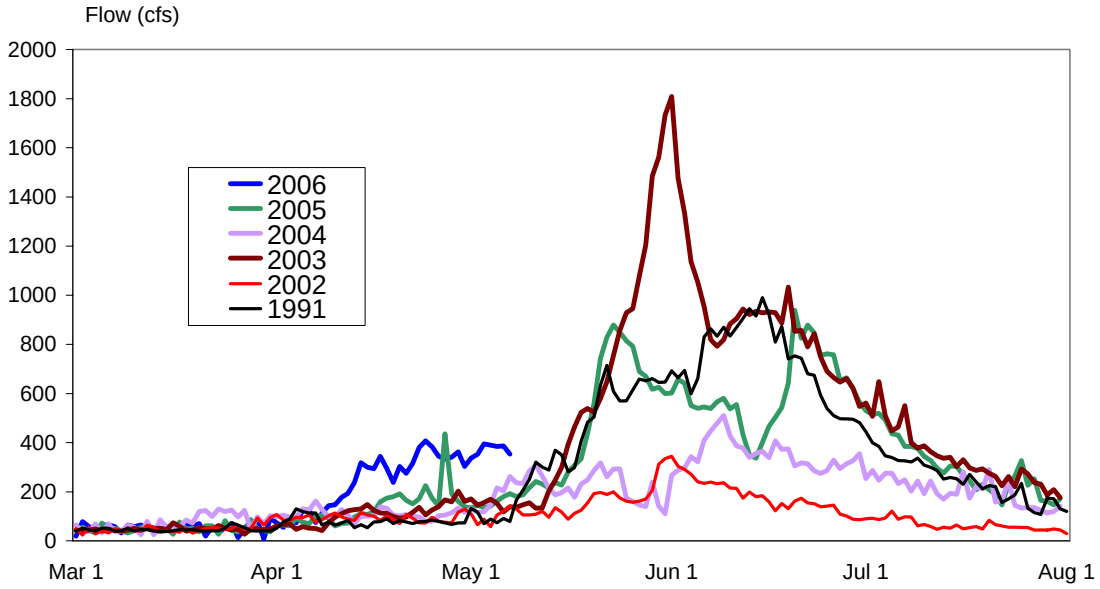
Data are from the 8 Snotel stations above Denver Water's Upper Colorado diversion facilities.

Dillon Reservoir Inflow



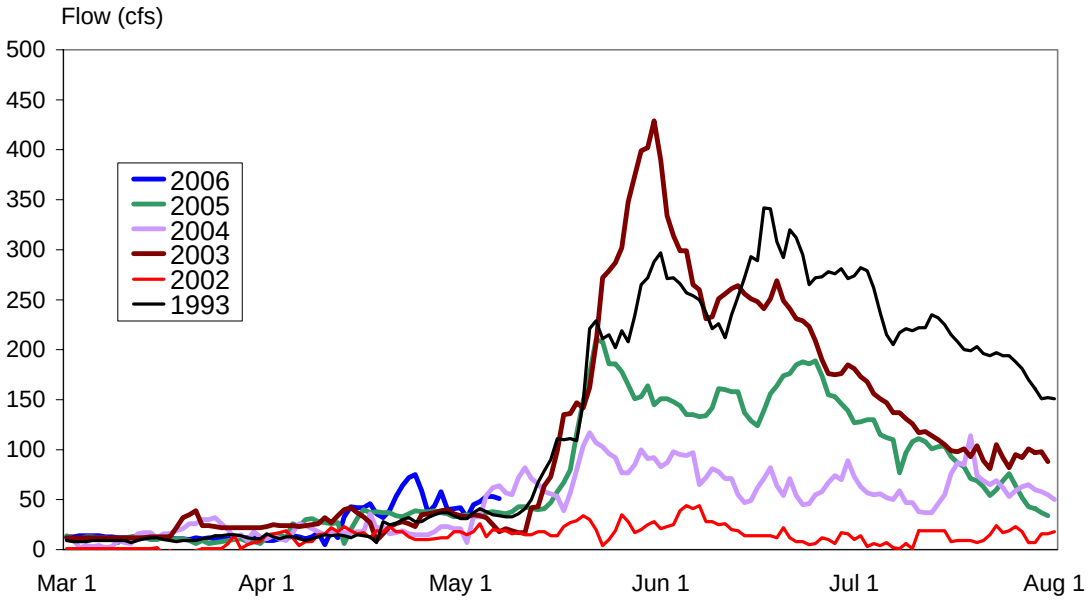
1988 runoff volume was close to average.

Williams Fork Reservoir Inflow



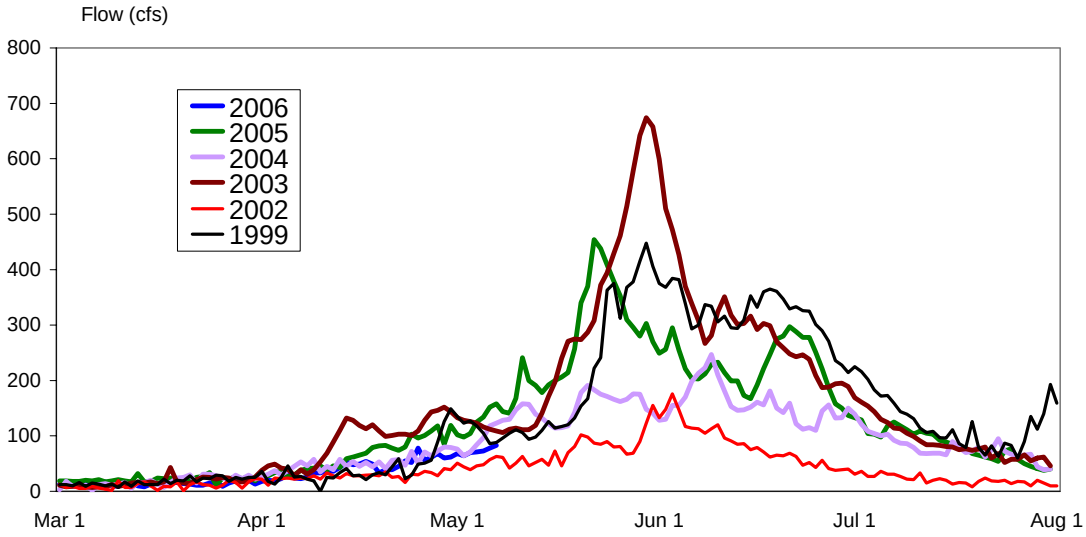
1991 runoff volume was close to average.

Natural Flow of the North Fork of the South Platte at Grant



Natural Flow = Total streamflow minus Roberts Tunnel discharge.
1993 runoff volume was close to average.

Gross Reservoir Natural Inflow



1999 runoff volume was close to average.
Natural Inflow = Total inflow minus Moffat Tunnel discharge.

Denver Water Use and Storage

		2006 Jan.	Feb	Mar	Apr	May	Jun	July
Predicted End-of-Month Reservoir Contents (AF)						583,400	668,200	663,300
Actual End-of-Month Reservoir Contents (AF)		573,138	564,675	555,544	563,303			
		85%	84%	83%	84%			
Historical Median		83%	81%	81%	81%			
Pre-Drought Water Use (1993-2001 avg.)		137	139	144	172	270		
Daily Water Use (2002-2005 avg.)		119	121	122	123	187		
Actual Daily Use (MGD)	1	101	117	110	124	226		
	2	114	121	117	121	239		
	3	114	115	115	129	197		
	4	116	116	122	150	152		
	5	118	119	137	153	192		
	6	120	118	125	124	231		
	7	133	124	125	129	197		
	8	118	124	105	139			
	9	113	123	111	156			
D	10	116	107	109	167			
A	11	121	113	106	170			
Y	12	112	115	105	198			
	13	121	117	110	204			
O	14	122	117	111	209			
F	15	108	117	107	170			
	16	112	122	115	208			
M	17	102	109	110	207			
O	18	111	118	106	193			
N	19	106	121	101	227			
T	20	102	129	108	232			
H	21	109	136	103	242			
	22	106	123	107	255			
	23	114	122	108	231			
	24	117	130	118	181			
	25	118	109	111	166			
	26	115	116	106	193			
	27	122	129	113	226			
	28	115	130	117	183			
	29	114		130	188			
	30	119		104	220			
	31	118		128				
Average		114	120	113	183	205		
Percent of Daily Use (1993-2001 avg.)		83%	86%	78%	106%	76%		
Percent of Daily Use (2002-2005 avg.)		96%	99%	93%	149%	110%		

Daily figures are subject to change

Notes:

1. "AF" denotes acre-feet. "MGD" denotes million gallons per day. 1 million gallons equals 3.0689 acre-feet.
2. Normal Daily Use is based on historical use with normal weather conditions.
3. The predicted end-of-month reservoir contents figures assume normal weather after April 1st.
4. The differences between predicted and actual end-of-month reservoir contents are the result of imperfect predictions of daily use, supply, evaporation, carriage losses, and raw water deliveries.
5. Predicted reservoir contents last updated on April 11th, 2006.
6. Daily water figures are subject to change.