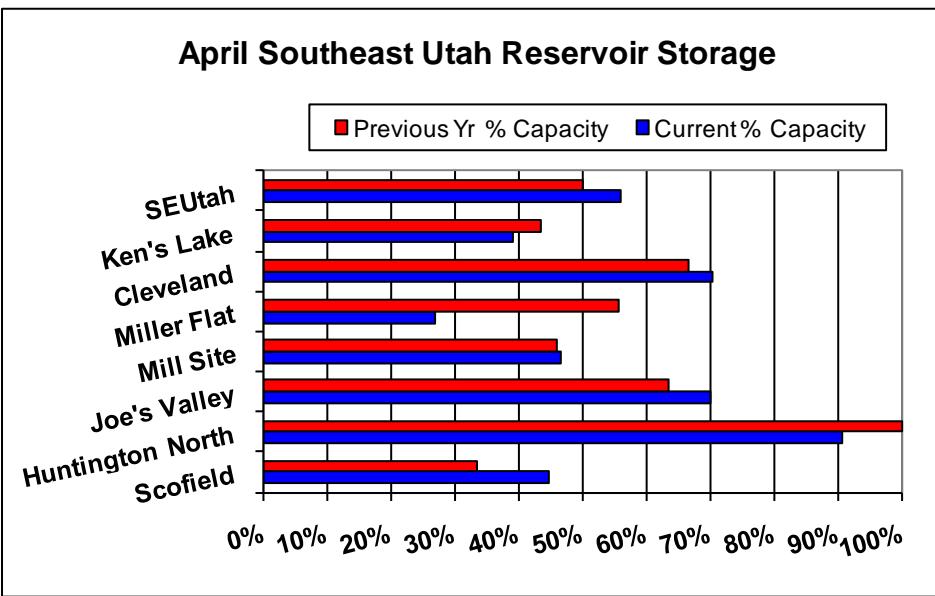
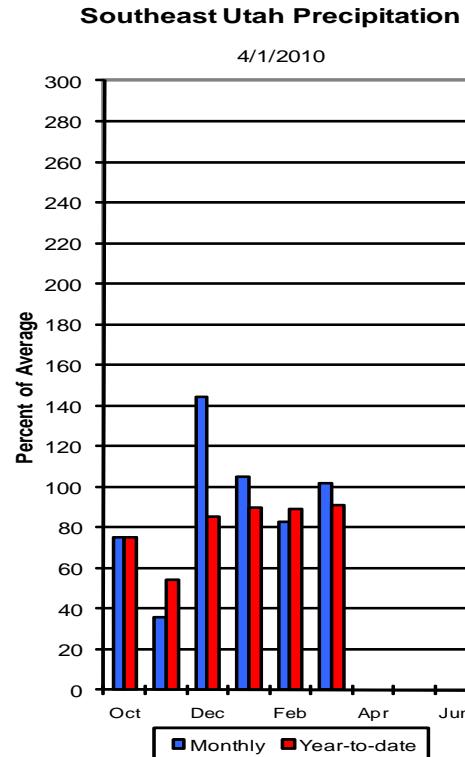
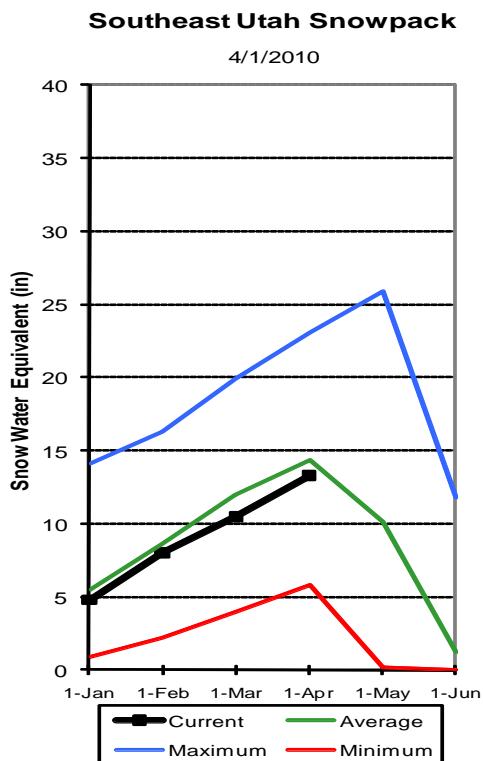


## Carbon, Emery, Wayne, Grand and San Juan Co.

April 1, 2010

Snowpacks in this region are near normal at 92% of average, about 120% of last year. Individual sites range from 62% at White River #1 to 164% of average at Camp Jackson. Precipitation during March was near average at 102%, bringing the seasonal accumulation (Oct-Mar) to 91% of normal. Soil moisture estimates in runoff producing areas are at 44% of saturation in the upper 2 feet of soil, 10% below last year at this time. Forecast streamflows (Apr – July) range from 45% to 149% of average. Reservoir storage is at 56% of capacity, up 6% from last year at this time. Surface Water Supply Indices for the area are: Price 23%, Joe's Valley 35%, Ferron Creek 26%, and Moab 67%. General runoff and water supply conditions are much below to below average on the Price, San Rafael, and Dirty Devil, and above average in the Book Cliffs, Abajos and Lasals.



CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Streamflow Forecasts - April 1, 2010										
Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>					30-Yr Avg. (1000AF)			
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * (1000AF)	50% (% AVG.)	30% (1000AF)				
Fish Creek Abv Reservoir Nr Scofield	APR-JUL	9.4	13.1	16.0	50	19.2	24	32		
Price River nr Scofield Reservoir	APR-JUL	13.9	18.4	22	49	26	33	45		
White River blw Tabbyune Creek	APR-JUL	4.6	6.4	7.7	45	9.2	11.6	17.3		
Green R At Green River, Ut	APR-JUL	925	1290	1580	50	1890	2410	3170		
Huntington Ck Inflow to Electric Lk	APR-JUL	5.1	6.8	8.0	51	9.4	11.5	15.7		
Huntington Ck nr Huntington (2)	APR-JUL	14.4	20	25	51	30	38	49		
Joe's Valley Reservoir Inflow	APR-JUL	21	29	35	60	42	52	58		
Ferron Ck (Upper Station) nr Ferron	APR-JUL	16.4	21	24	62	27	33	39		
Seven Mile Ck Nr Fish Lake, Ut	APR-JUL	4.30	5.80	7.00	100	8.30	10.30	7.00		
Colorado River nr Cisco (2)	APR-JUL	2300	2830	3340	72	3890	4400	4650		
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	4.00	5.00	5.90	118	6.80	8.40	5.00		
Muddy Creek nr Emery	APR-JUL	7.0	9.8	12.0	60	14.4	18.3	19.9		
Pine Creek Nr Escalante	APR-JUL	1.64	2.40	3.00	125	3.70	4.80	2.40		
South Ck ab Lloyd's Res nr Monticell	MAR-JUL	1.04	1.56	2.00	145	2.50	3.40	1.38		
	APR-JUL	1.05	1.58	2.00	149	2.50	3.40	1.34		
San Juan River near Bluff (2)	APR-JUL	700	870	1050	85	1240	1480	1230		

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Reservoir Storage (1000 AF) - End of March				CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Watershed Snowpack Analysis - April 1, 2010				
Reservoir	Usable Capacity	*** Usable Storage ***	Watershed	Number of Data Sites	This Year	as % of Last Yr	Average	
		This Year      Last Year      Avg						
HUNTINGTON NORTH	4.2	3.8	4.2	3.9	PRICE RIVER	3	90	66
JOE'S VALLEY	61.6	43.2	39.1	41.4	SAN RAFAEL RIVER	3	90	72
KEN'S LAKE	2.3	0.9	1.0	1.4	MUDDY CREEK	1	105	77
MILL SITE	16.7	7.8	7.7	86.2	FREMONT RIVER	3	163	114
SCOFIELD	65.8	29.4	22.0	34.7	LASAL MOUNTAINS	1	170	124
					BLUE MOUNTAINS	1	262	164
					WILLOW CREEK	1	197	161
					SOUTHEASTERN UTAH	13	122	92

\* 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.

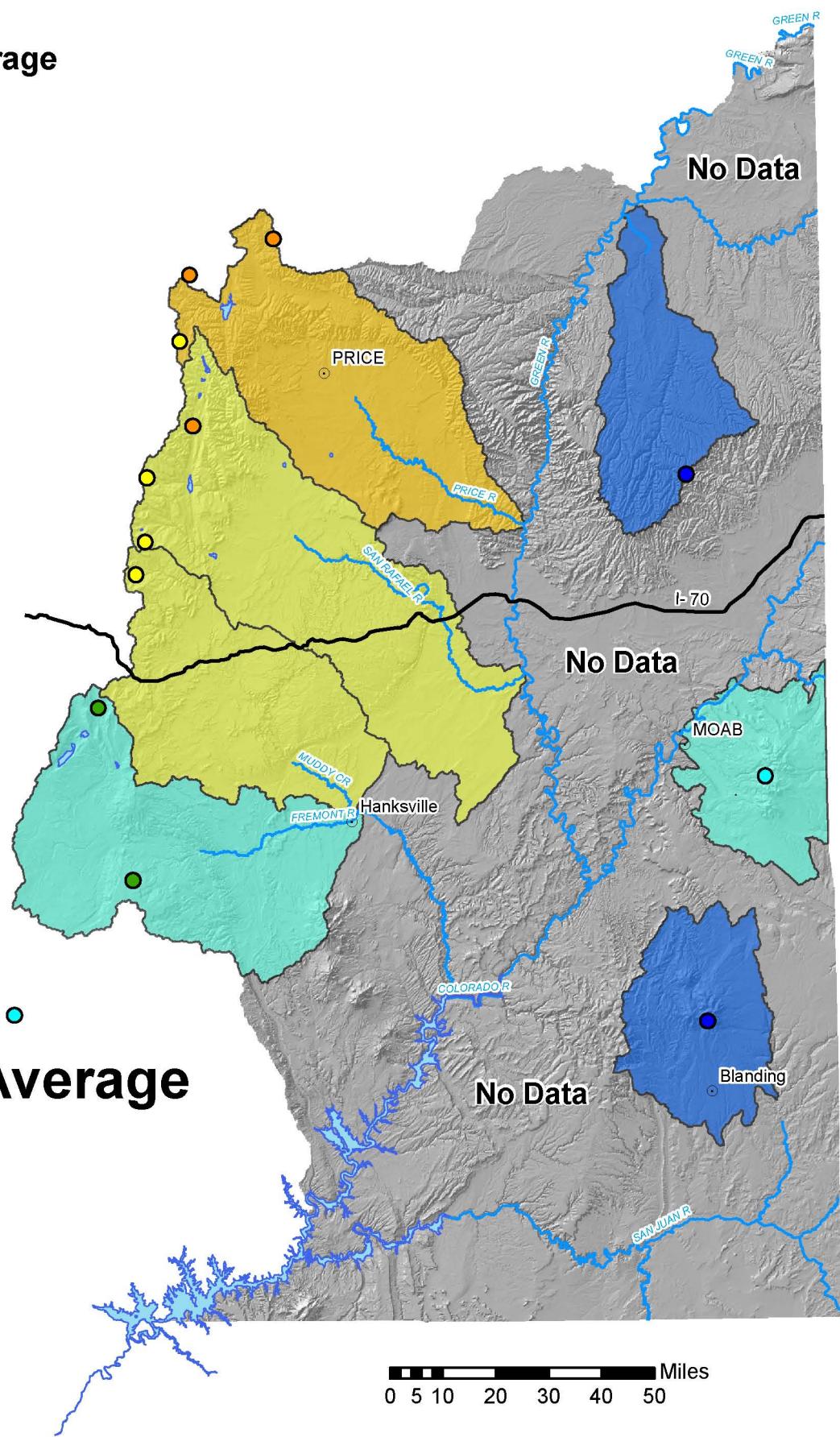
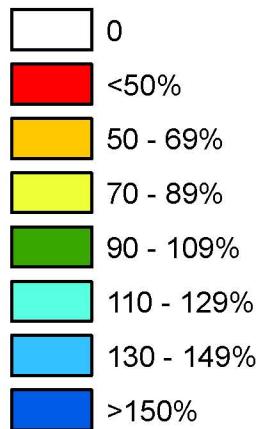
(2) - The value is natural volume - actual volume may be affected by upstream water management.

(3) - Median value used in place of average.

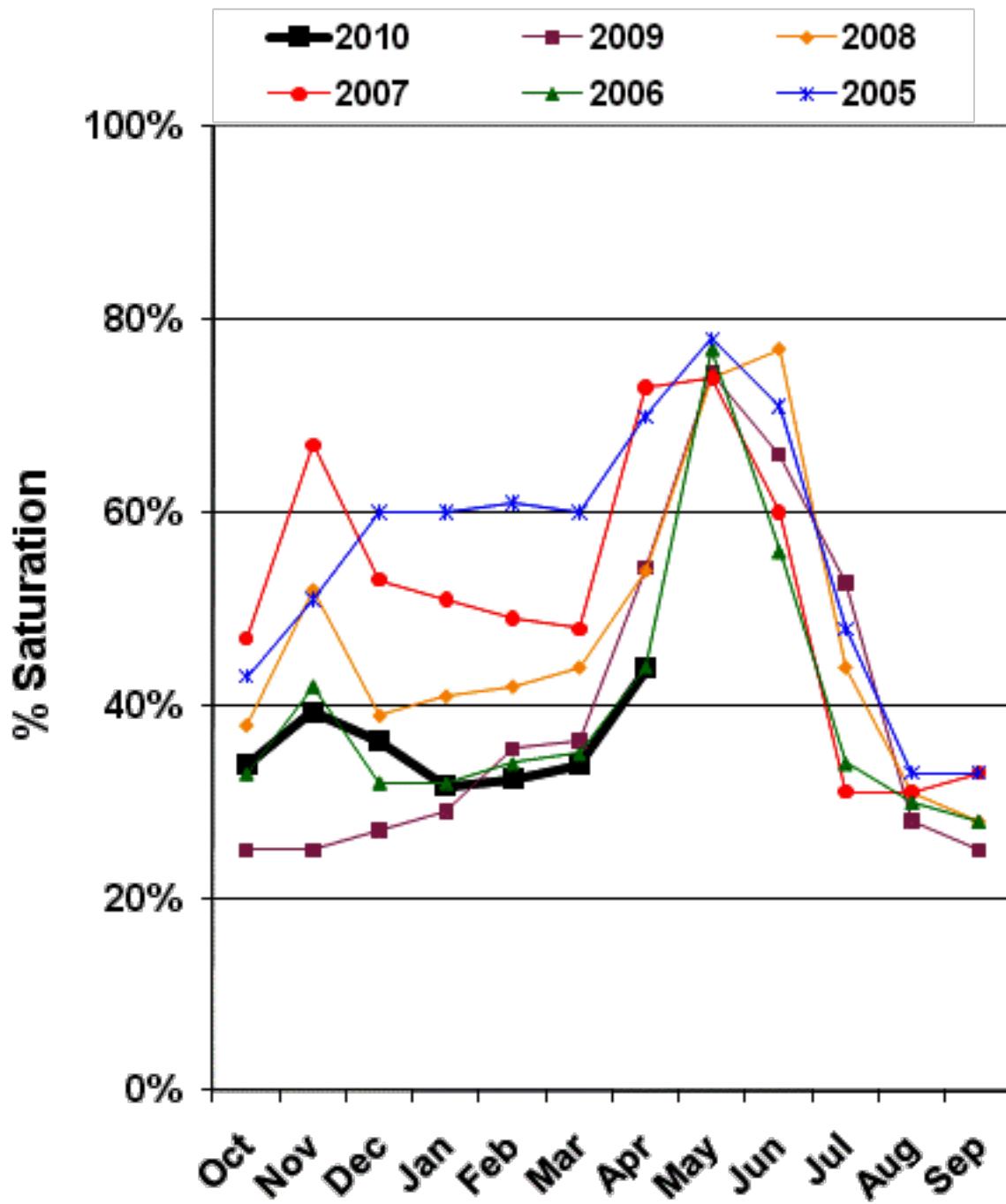
# Carbon, Emery, Wayne Grand & San Juan Basins



## Watershed % of Average

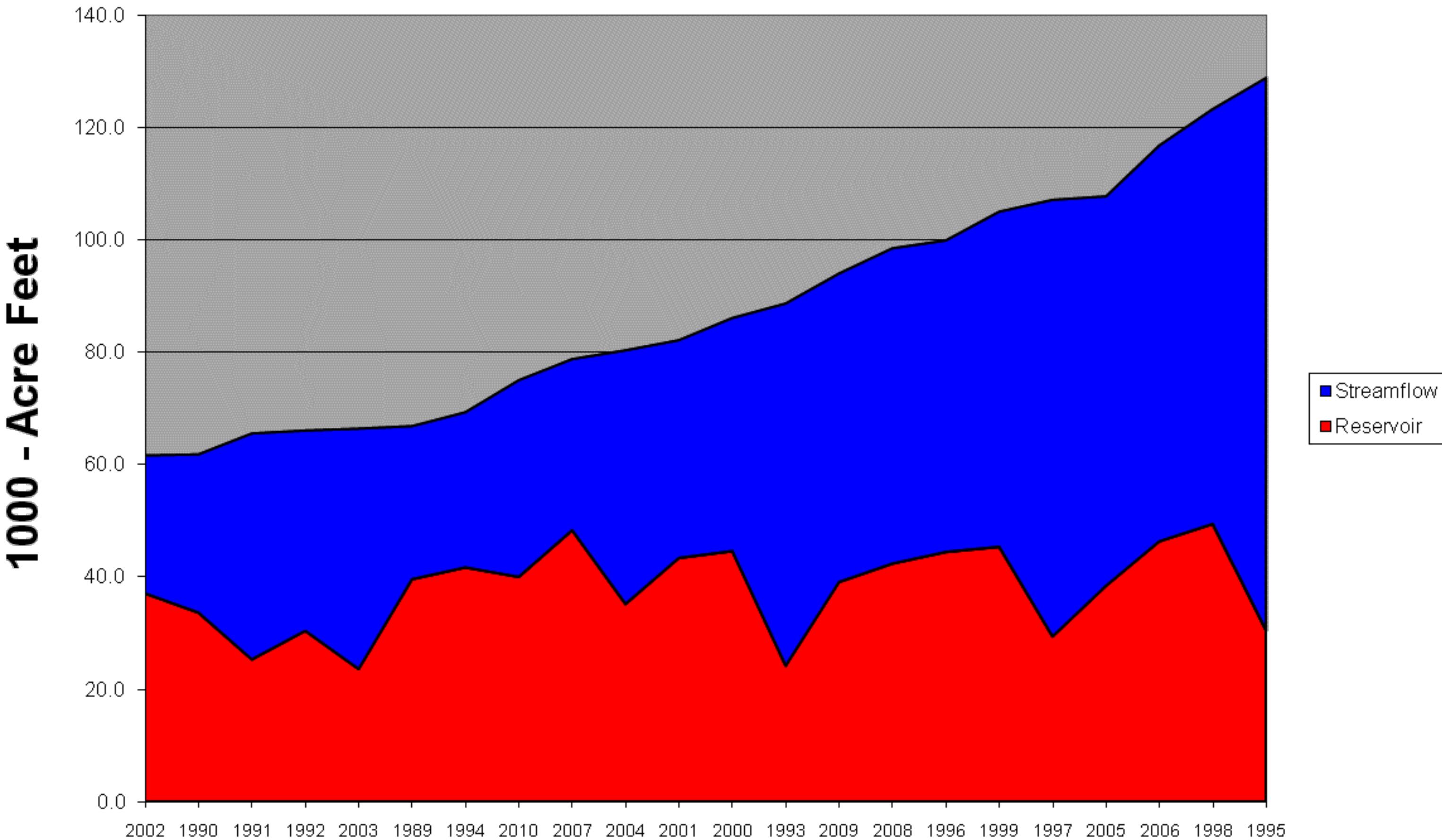


# Southeast Utah Soil Moisture

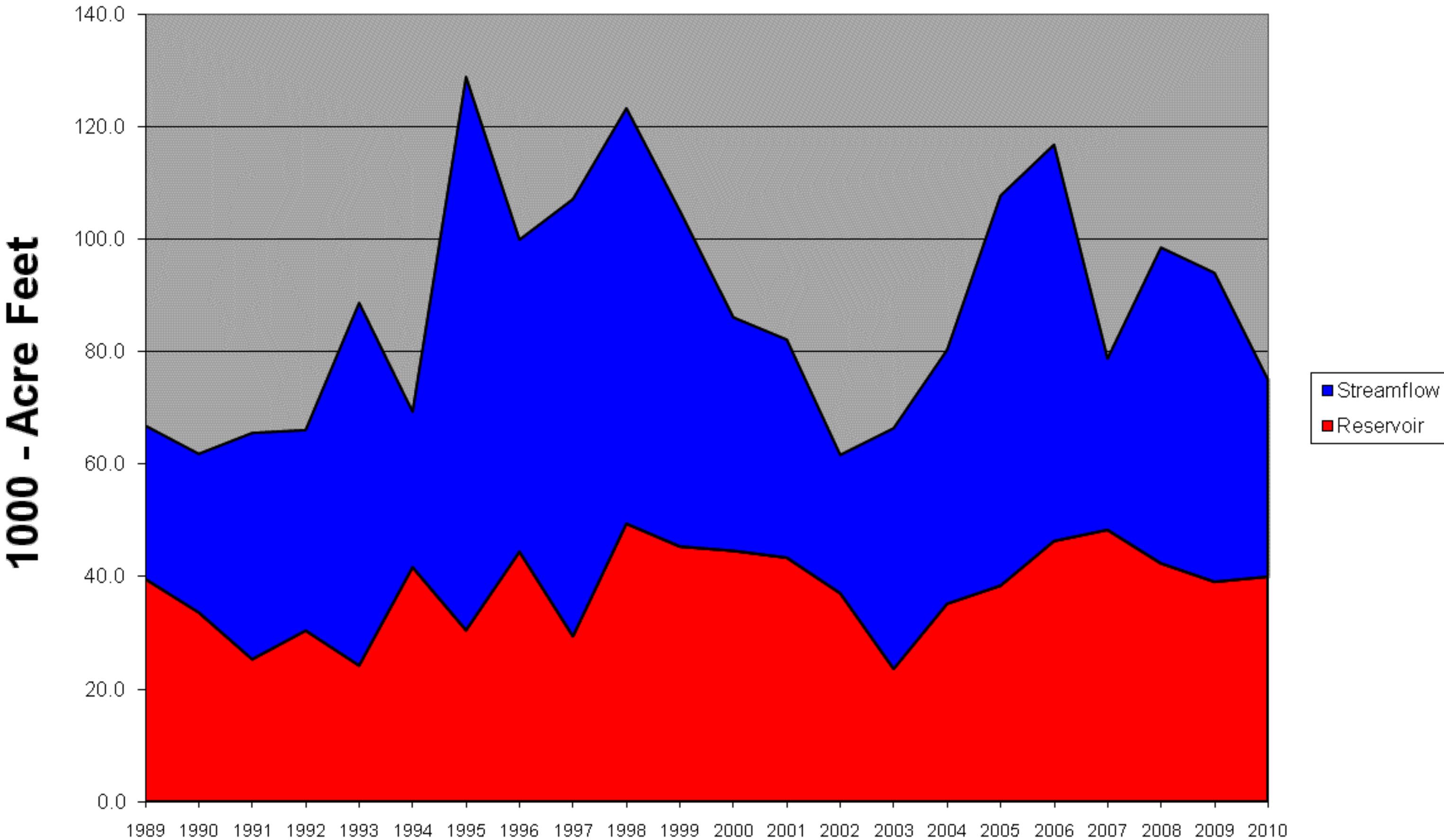


		<b>Joe's</b>	<b>Valley</b>	<b>SWSI</b>		
		<b>April</b>				
		EOM March Joe's Valley Storage	April-July Forecast Streamflow - Joe's Valley Inflow	Reservoir + Streamflow		
#	Year	1000-AF	1000-AF	1000-AF	Probability	SWSI
1	2002	37.1	24.6	61.6	4	-3.80
2	1990	33.6	28.2	61.8	9	-3.44
3	1991	25.3	40.2	65.5	13	-3.08
4	1992	30.4	35.6	66.0	17	-2.72
5	2003	23.6	42.8	66.4	22	-2.36
6	1989	39.6	27.2	66.8	26	-1.99
7	1994	41.7	27.6	69.3	30	-1.63
8	<b>2010</b>	<b>40.0</b>	<b>35.0</b>	<b>75.0</b>	<b>35</b>	<b>-1.27</b>
9	2007	48.3	30.4	78.8	39	-0.91
10	2004	35.2	45.1	80.3	43	-0.54
11	2001	43.4	38.7	82.1	48	-0.18
12	2000	44.6	41.5	86.1	52	0.18
13	1993	24.2	64.5	88.6	57	0.54
14	2009	39.1	54.9	94.0	61	0.91
15	2008	42.4	56.1	98.5	65	1.27
16	1996	44.4	55.4	99.9	70	1.63
17	1999	45.4	59.6	105.0	74	1.99
18	1997	29.4	77.7	107.1	78	2.36
19	2005	38.4	69.3	107.7	83	2.72
20	2006	46.3	70.5	116.8	87	3.08
21	1998	49.4	73.8	123.2	91	3.44
22	1995	30.5	98.3	128.8	96	3.80

# Joe's Valley SWSI

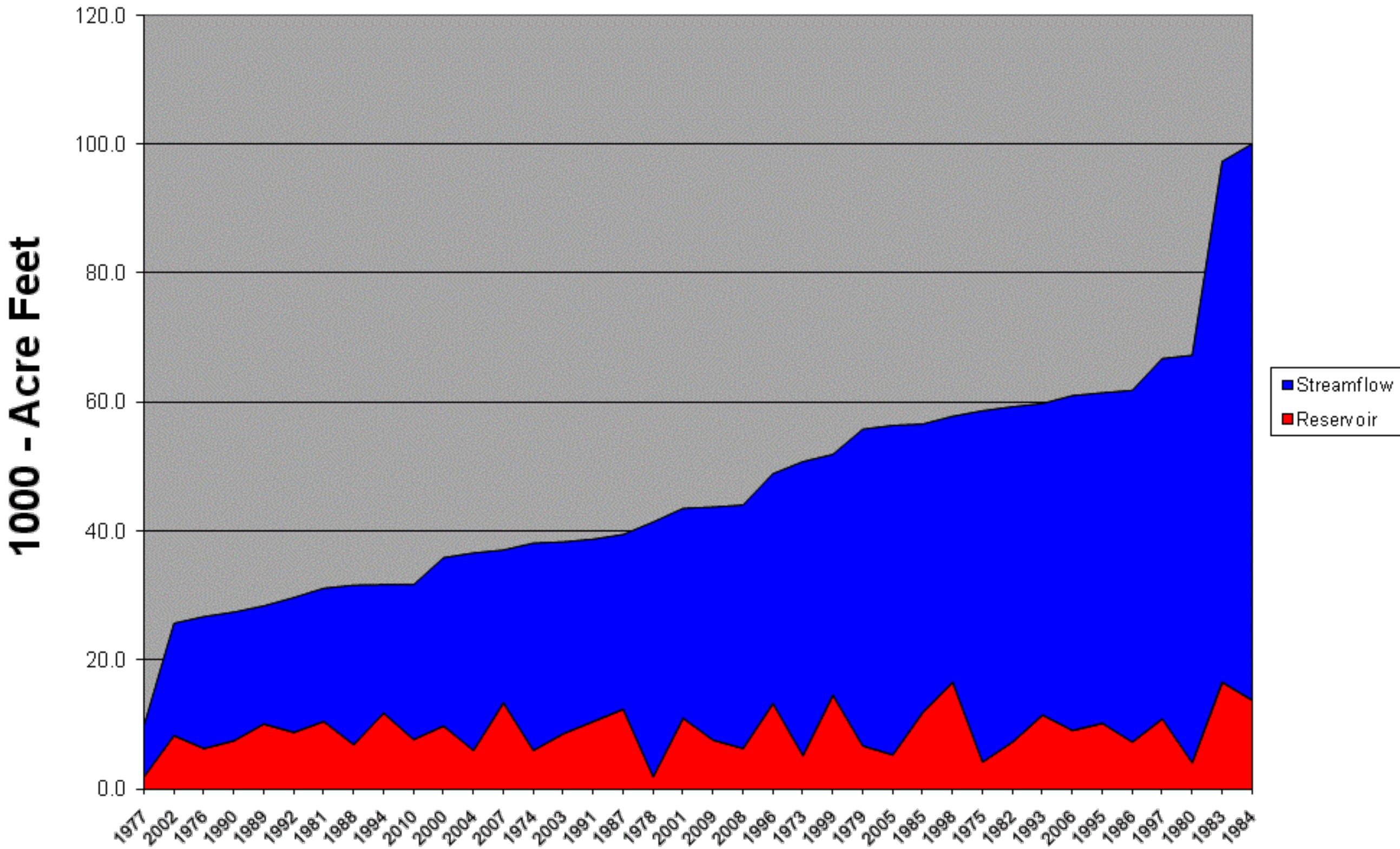


# Joe's Valley SWSI

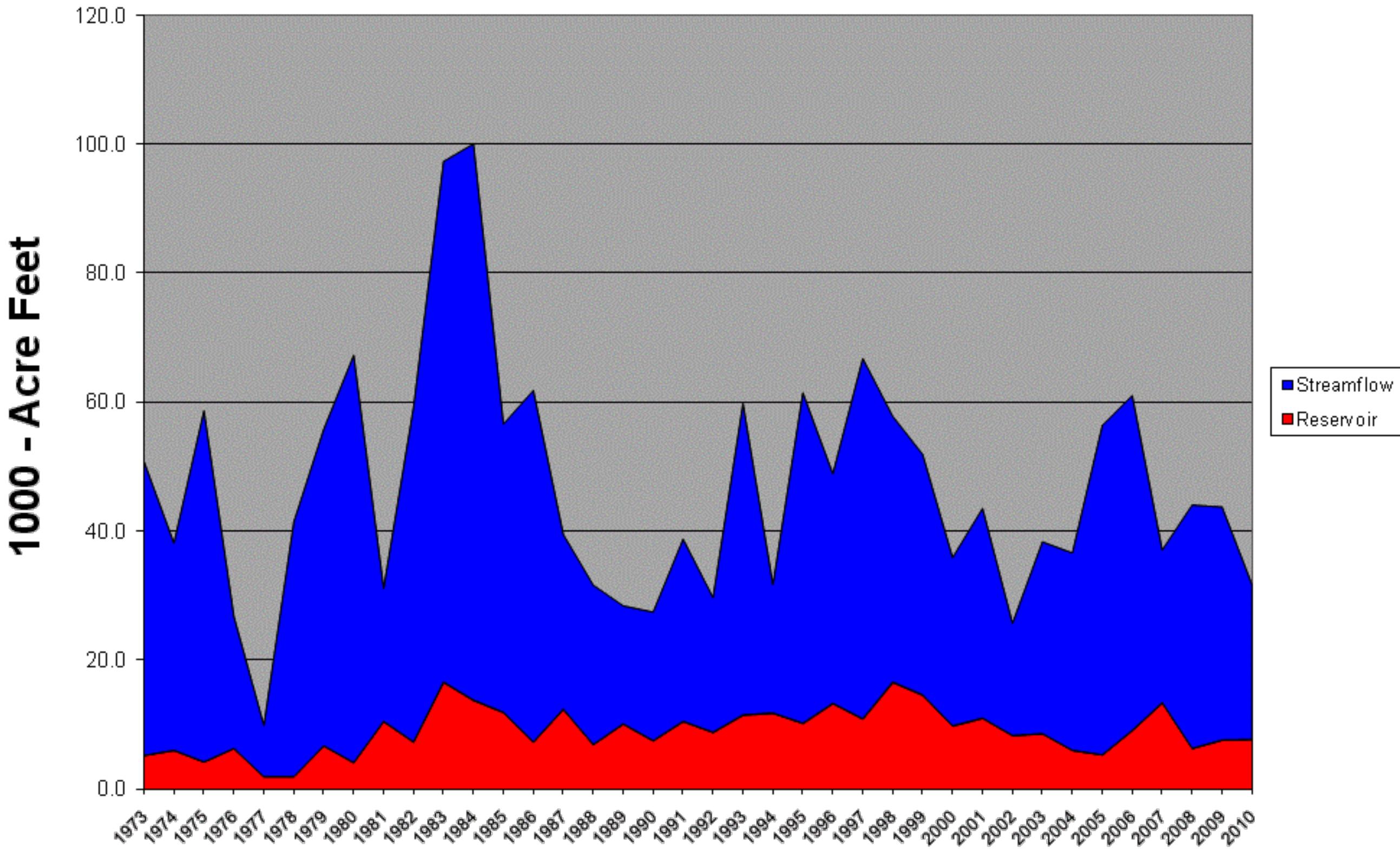


<b>Ferron Creek SWSI</b>						
<b>April</b>						
#	Year	EOM March Millsite Reservoir Storage	April-July Forecast Streamflow - Ferron Creek	Reservoir + Streamflow 1000AF	Probability	SWSI
1	1977	2.0	8.0	10.0	3	-3.95
2	2002	8.4	17.4	25.8	5	-3.74
3	1976	6.4	20.4	26.8	8	-3.53
4	1990	7.6	19.9	27.5	10	-3.31
5	1989	10.2	18.3	28.5	13	-3.10
6	1992	8.9	20.9	29.8	15	-2.88
7	1981	10.6	20.6	31.2	18	-2.67
8	1988	7.0	24.7	31.7	21	-2.46
9	1994	11.9	19.9	31.8	23	-2.24
10	<b>2010</b>	<b>7.8</b>	<b>24.0</b>	<b>31.8</b>	<b>26</b>	<b>-2.03</b>
11	2000	9.9	26.1	36.0	28	-1.82
12	2004	6.1	30.6	36.7	31	-1.60
13	2007	13.5	23.7	37.2	33	-1.39
14	1974	6.1	32.1	38.2	36	-1.18
15	2003	8.7	29.7	38.4	38	-0.96
16	1991	10.6	28.3	38.9	41	-0.75
17	1987	12.5	27.1	39.6	44	-0.53
18	1978	2.0	39.5	41.5	46	-0.32
19	2001	11.1	32.5	43.6	49	-0.11
20	2009	7.7	36.1	43.8	51	0.11
21	2008	6.4	37.7	44.1	54	0.32
22	1996	13.4	35.6	49.0	56	0.53
23	1973	5.3	45.6	50.9	59	0.75
24	1999	14.7	37.3	52.0	62	0.96
25	1979	6.8	49.1	55.9	64	1.18
26	2005	5.4	51.1	56.5	67	1.39
27	1985	12.0	44.7	56.7	69	1.60
28	1998	16.7	41.2	57.9	72	1.82
29	1975	4.3	54.5	58.8	74	2.03
30	1982	7.4	52.0	59.4	77	2.24
31	1993	11.6	48.3	59.9	79	2.46
32	2006	9.2	51.9	61.1	82	2.67
33	1995	10.3	51.2	61.5	85	2.88
34	1986	7.4	54.5	61.9	87	3.10
35	1997	11.0	55.9	66.9	90	3.31
36	1980	4.2	63.2	67.4	92	3.53
37	1983	16.7	80.7	97.4	95	3.74
38	1984	13.9	86.3	100.2	97	3.95

## Ferron Creek SWSI



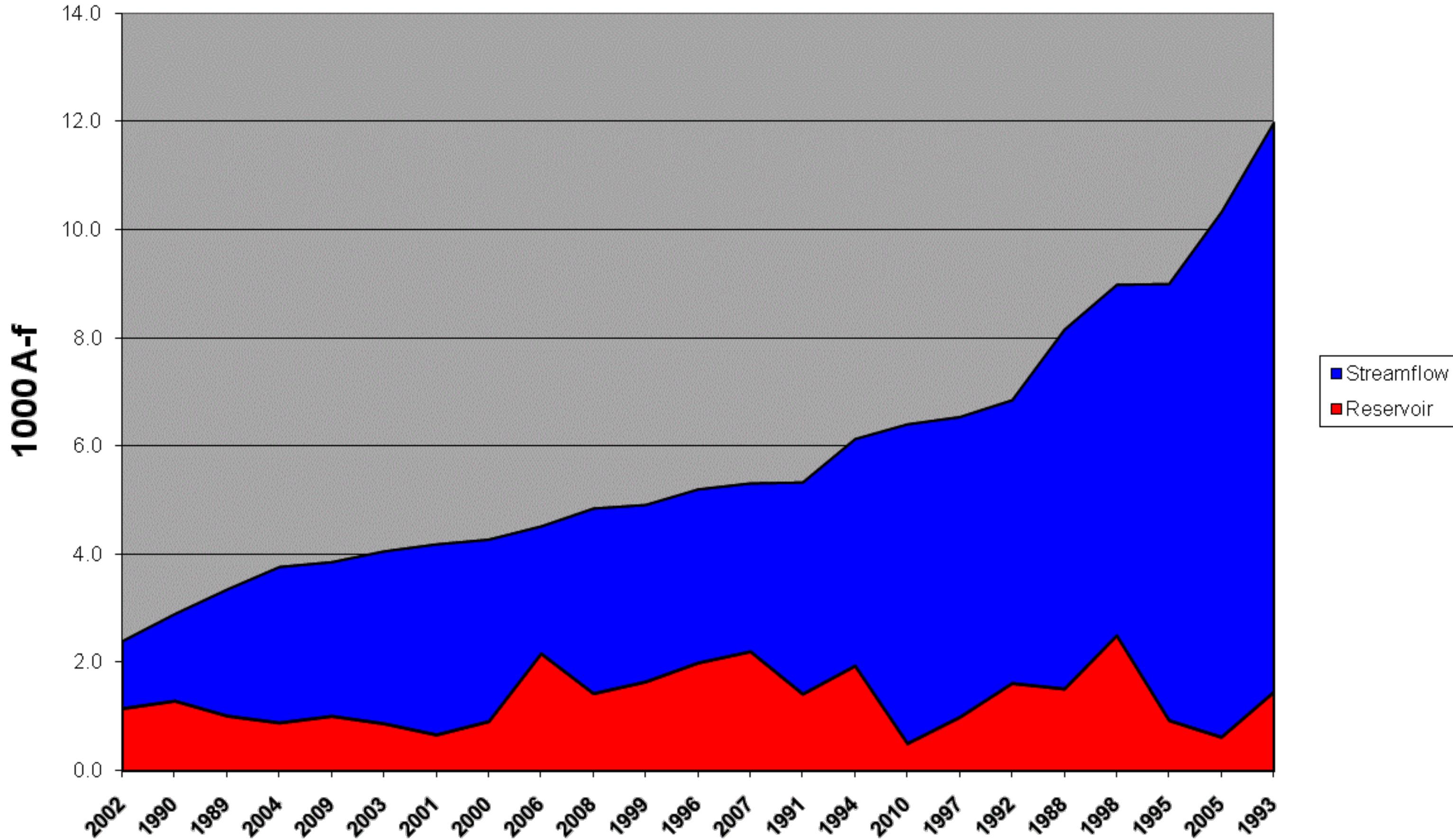
## Ferron Creek SWSI



April

Moab SWSI						
April						
#	Year	EOM March Ken's Lake Reservoir Storage	April-July Forecast Streamflow - Mill Creek @ Sheley	Reservoir + Streamflow	Probability	SWSI
1	2002	1.1	1.2	2.4	4	-3.82
2	1990	1.3	1.6	2.9	8	-3.47
3	1989	1.0	2.3	3.3	13	-3.13
4	2004	0.9	2.9	3.8	17	-2.78
5	2009	1.0	2.8	3.9	21	-2.43
6	2003	0.9	3.2	4.1	25	-2.08
7	2001	0.7	3.5	4.2	29	-1.74
8	2000	0.9	3.4	4.3	33	-1.39
9	2006	2.2	2.4	4.5	38	-1.04
10	2008	1.4	3.4	4.8	42	-0.69
11	1999	1.6	3.3	4.9	46	-0.35
12	1996	2.0	3.2	5.2	50	0.00
13	2007	2.2	3.1	5.3	54	0.35
14	1991	1.4	3.9	5.3	58	0.69
15	1994	1.9	4.2	6.1	63	1.04
16	<b>2010</b>	<b>0.5</b>	<b>5.9</b>	<b>6.4</b>	<b>67</b>	<b>1.39</b>
17	1997	1.0	5.5	6.5	71	1.74
18	1992	1.6	5.2	6.8	75	2.08
19	1988	1.5	6.6	8.2	79	2.43
20	1998	2.5	6.5	9.0	83	2.78
21	1995	0.9	8.1	9.0	88	3.13
22	2005	0.6	9.7	10.3	92	3.47
23	1993	1.5	10.5	12.0	96	3.82

# Moab SWSI



# Moab SWSI

