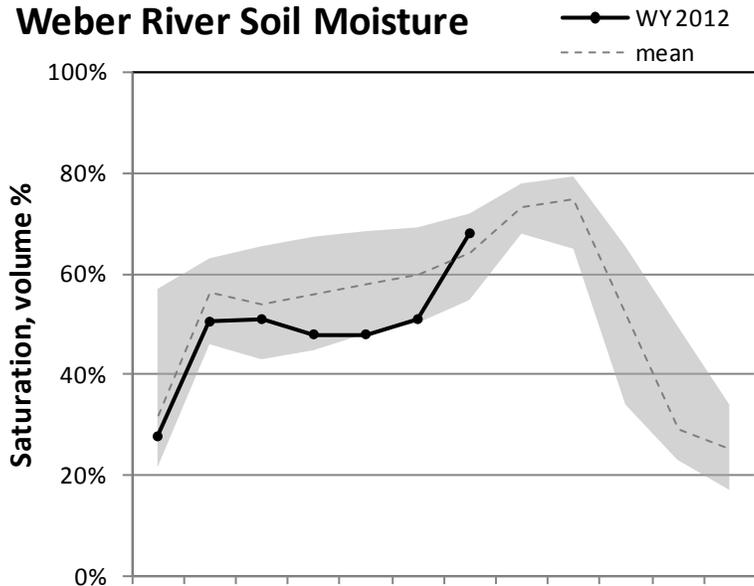


# Weber and Ogden River Basins

## April 1, 2012

Snowpacks on the Weber and Ogden Watersheds are much below average at 52%, about 36% of last year. Individual sites range from 30% of average at Parley's Canyon to 67% at Chalk Creek #2. March precipitation was much below average at 58% bringing the seasonal accumulation (Oct-Mar) to 71% of average. Soil moisture levels in runoff producing areas are at 68% of saturation in the upper 2 feet of soil compared to 69% last year. Streamflow forecasts (April-July) range from 34 to 56% of average. Reservoir storage is at 86% of capacity, 21% higher than last year. The Surface Water Supply Index is at 36% for the Weber River and 31% for the Ogden River indicating that overall water supply conditions are below average.

### Weber River Soil Moisture

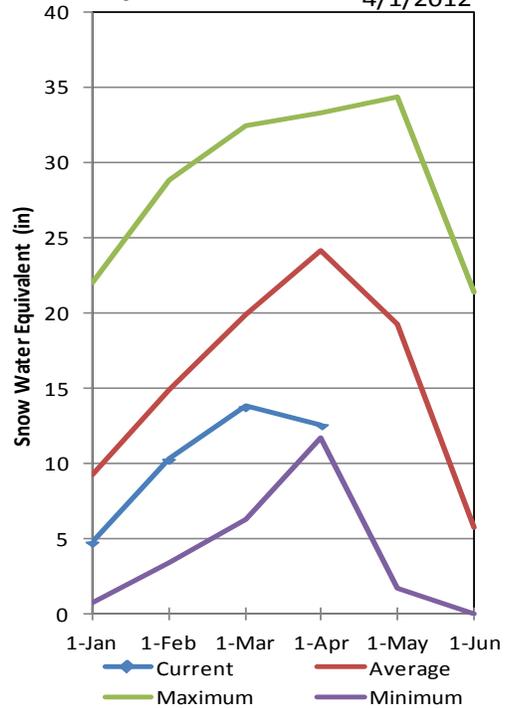


Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep  
 Percent saturation is calculated using the weighted average of volumetric soil moisture content at 2, 8, and 20-inch depths. Saturation is estimated as 40% volumetric water content. The gray area represents the range in saturation values since 2005.

### Weber River

#### Snowpack

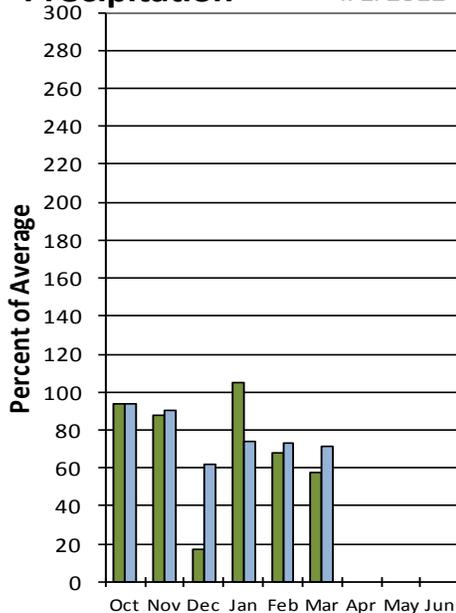
4/1/2012



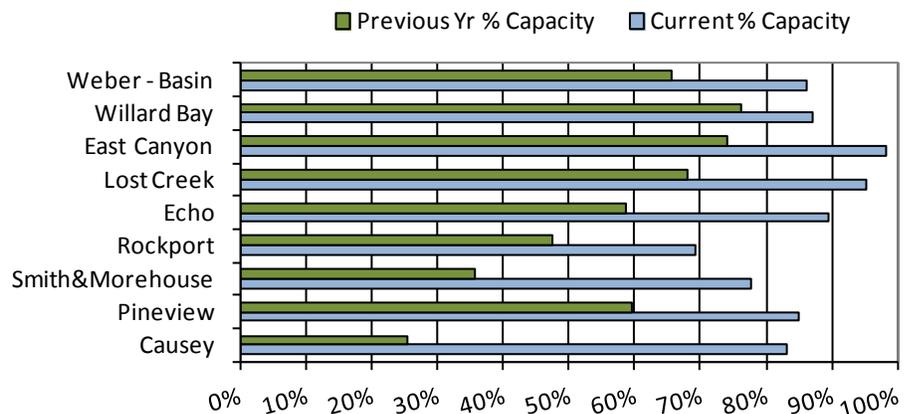
### Weber River

#### Precipitation

4/1/2012



### April Weber Basin Reservoir Storage



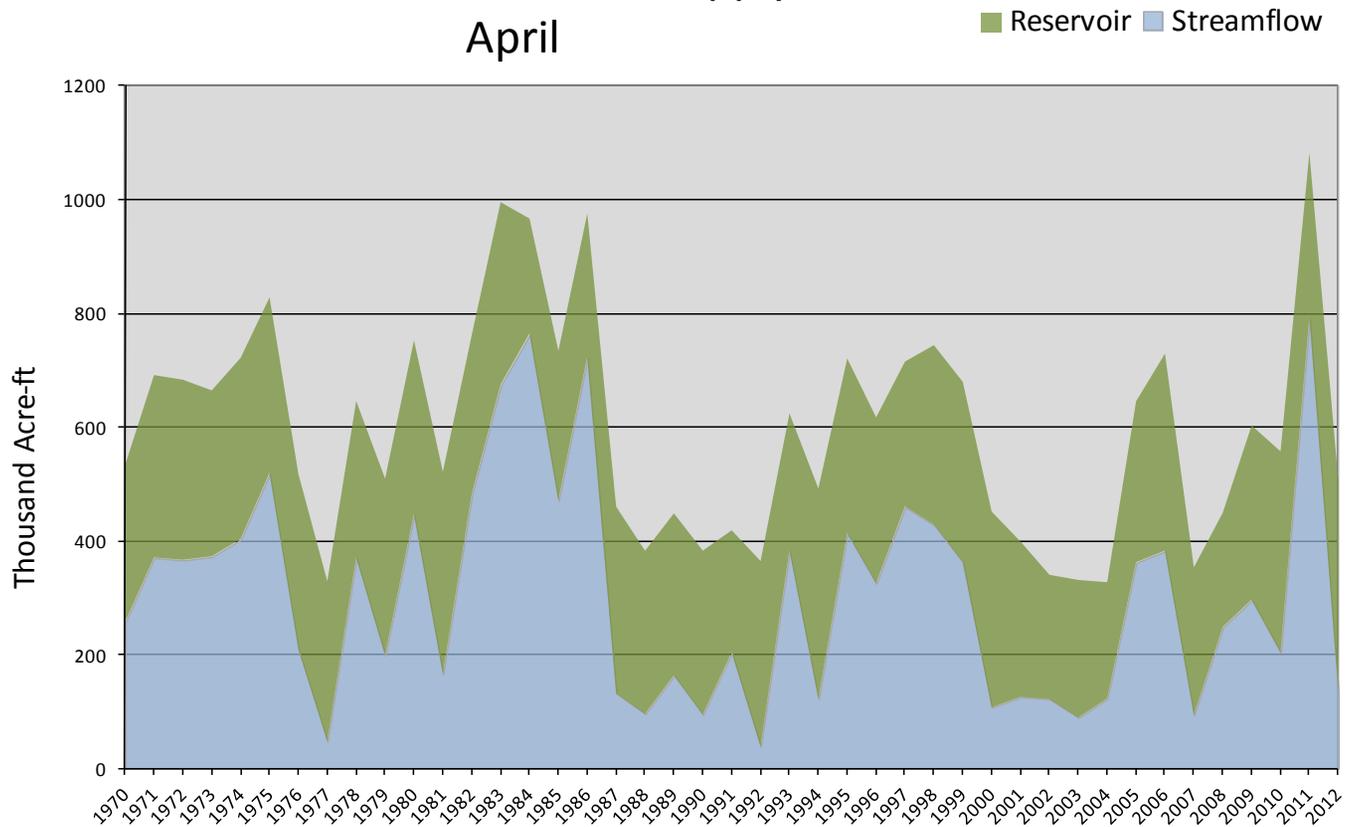
April 1, 2012

## Surface Water Supply Index

Basin or Region	March EOM* Reservoirs	April-July Forecast Weber River at Gateway	Reservoirs + Streamflow	SWSI#	Percentile	Years with similar SWSI
	KAF^	KAF	KAF		%	
<b>Weber River</b>	<b>372</b>	<b>135</b>	<b>507</b>	<b>-1.14</b>	<b>36</b>	<b>87,94,79,76</b>

\*EOM, end of month; # SWSI, Surface Water Supply Index; ^KAF, thousand acre-feet.

### Weber River Surface Water Supply Index April



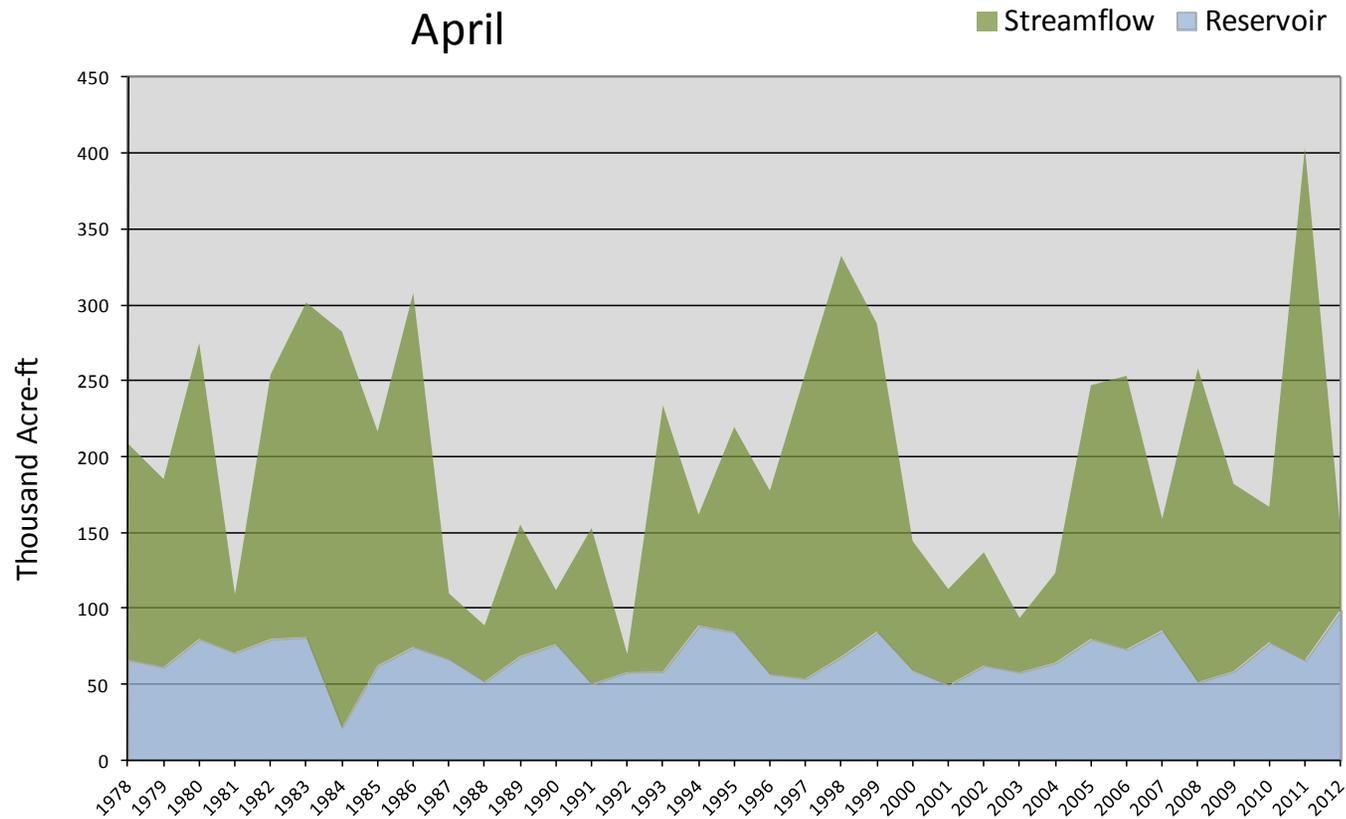
April 1, 2012

## Surface Water Supply Index

Basin or Region	March EOM* Pine View & Causey	April-July Forecast Pineview Reservoir Inflow	Reservoir + Streamflow	SWSI#	Percentile	Years with similar SWSI
	KAF^	KAF	KAF		%	
<b>Ogden River</b>	<b>99.4</b>	<b>52</b>	<b>151</b>	<b>-1.62</b>	<b>31</b>	<b>02,00,91,89</b>

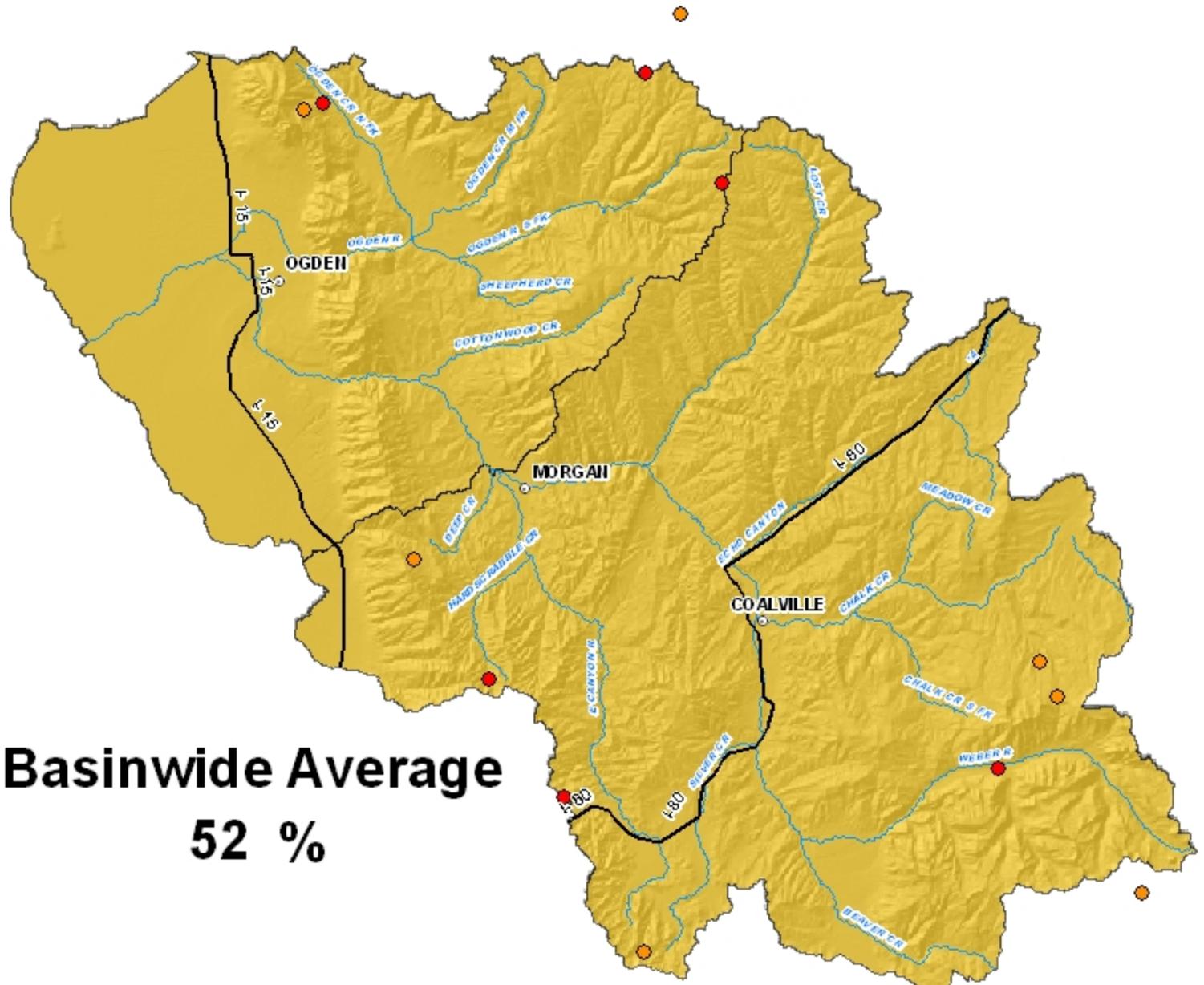
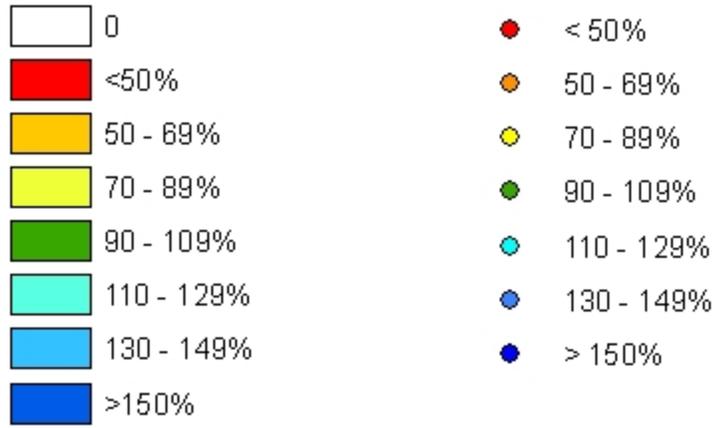
\*EOM, end of month; # SWSI, Surface Water Supply Index; ^KAF, thousand acre-feet.

### Ogden Surface Water Supply Index April

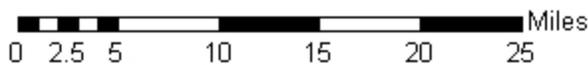


# Weber & Ogden Basins

Watershed % of Average    Snotel % of Average



**Basinwide Average**  
**52 %**



*Provisional Data*  
*Subject to Revision*

WEBER & OGDEN WATERSHEDS in Utah as of April 1, 2012

WEBER & OGDEN WATERSHEDS in Utah  
Streamflow Forecasts - April 1, 2012

Forecast Point	Forecast Period	<<===== Drier =====>>		Future Conditions		===== Wetter =====>>		30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	
Smith & Morehouse Res Inflow	APR-JUL	11.8	16.1	19.0	56	22	26	34
Weber R nr Oakley	APR-JUL	35	53	65	53	77	95	123
Rockport Res	APR-JUL	26	49	64	48	79	102	134
Weber R nr Coalville	APR-JUL	20	44	60	44	76	100	137
Chalk Ck at Coalville	APR-JUL	1.8	11.6	20	44	28	41	45
Echo Res Inflow	APR-JUL	7.0	50	80	45	110	153	179
Lost Ck Resv Inflow	APR-JUL	0.3	2.4	6.0	34	9.6	14.8	17.6
East Canyon Ck nr Jeremy Ranch	APR-JUL	0.4	3.8	6.8	48	9.8	14.2	14.2
East Canyon Ck nr Morgan	APR-JUL	1.1	8.2	13.0	42	17.8	25	31
Weber R at Gateway	APR-JUL	14.0	65	135	38	205	310	355
SF Ogden R nr Huntsville	APR-JUL	8.1	19.4	27	42	35	46	64
Pineview Res Inflow	APR-JUL	3.0	32	52	39	72	102	133
Wheeler Ck nr Huntsville	APR-JUL	0.19	1.46	2.60	41	3.70	5.40	6.30
Centerville Ck	APR-JUL	0.04	0.31	0.50	39	0.69	0.96	1.28

WEBER & OGDEN WATERSHEDS in Utah Reservoir Storage (1000 AF) - End of March					WEBER & OGDEN WATERSHEDS in Utah Watershed Snowpack Analysis - April 1, 2012			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CAUSEY	7.1	5.9	1.8	2.6	OGDEN RIVER	4	38	52
EAST CANYON	49.5	48.7	36.7	36.5	WEBER RIVER	9	36	52
ECHO	73.9	66.1	43.3	51.5	WEBER & OGDEN WATERSHEDS	13	37	52
LOST CREEK	22.5	21.4	15.3	14.1				
PINEVIEW	110.1	93.5	65.7	61.7				
ROCKPORT	60.9	42.1	28.9	35.1				
WILLARD BAY	215.0	187.0	163.7	160.9				

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