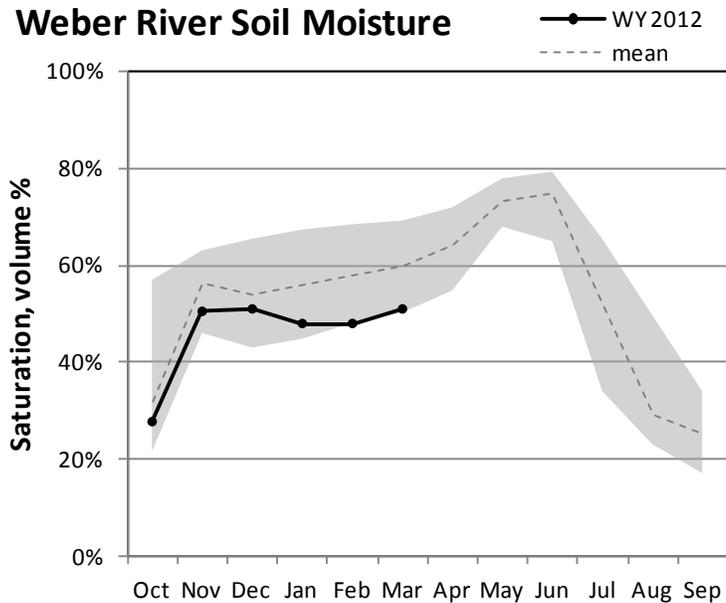


# Weber and Ogden River Basins

## March 1, 2012

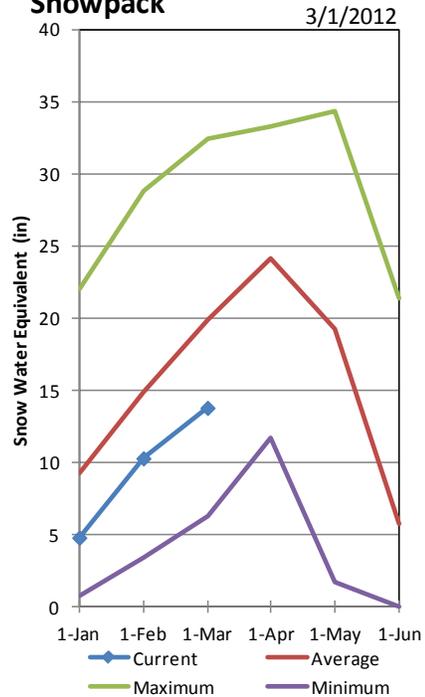
Snowpacks on the Weber and Ogden Watersheds are much below average at 69%, about 55% of last year. Individual sites range from 56% of average at Trial Lake to 99% at Hardscrabble Snotel. February precipitation was much below average at 68% bringing the seasonal accumulation (Oct-Feb) to 73% of average. Soil moisture levels in runoff producing areas are at 51% of saturation in the upper 2 feet of soil compared to 67% last year. Streamflow forecasts (April-July) are much below average, ranging from 51% to 63% of average. Reservoir storage is at 82% of capacity, 10% higher than last year. The Surface Water Supply Index is at 48% for the Weber River and 50% for the Ogden River indicating that overall water supply conditions are average.

### Weber River Soil Moisture



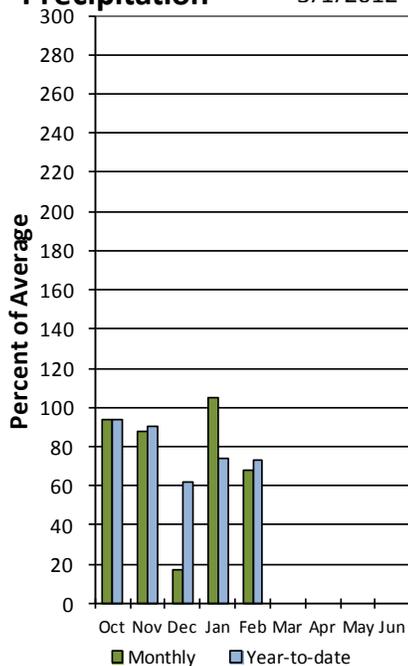
Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep  
 Percent saturation is calculated using the weighted average of volumetric soil moisture content at 2, 8, and 20-inch depths. Saturation is estimated as 40% volumetric water content. The gray area represents the range in saturation values since 2005.

### Weber River Snowpack

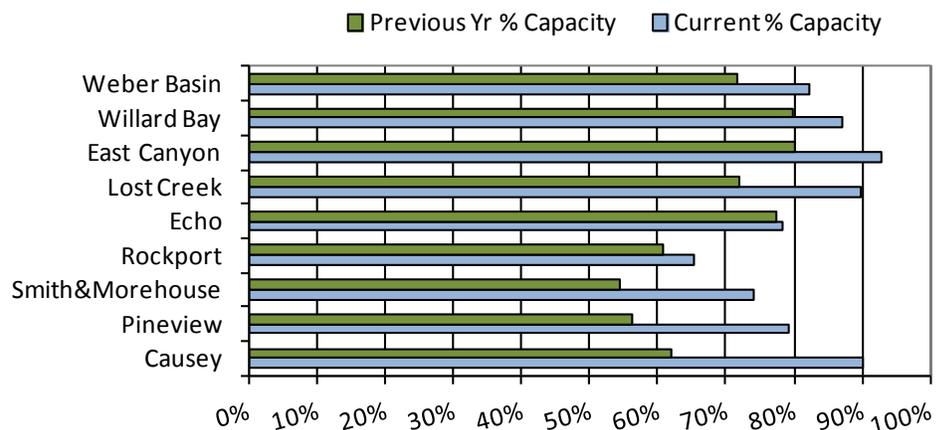


### Weber River

#### Precipitation



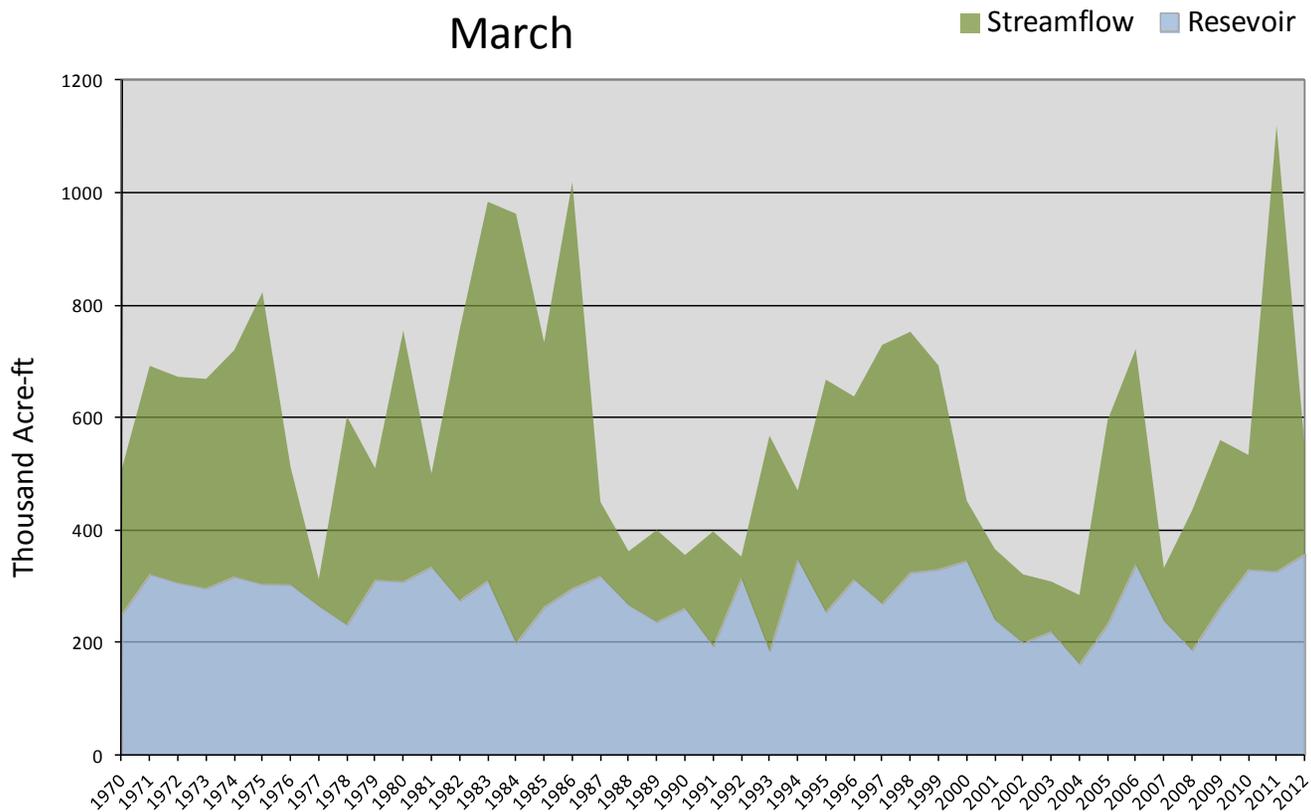
### March Weber Basin Reservoir Storage



March 1, 2012		Surface Water Supply Index				
Basin or Region	February EOM* Reservoirs	April-July Forecast Weber River at Gateway	Reservoirs + Streamflow	SWSI <sup>#</sup>	Percentile	Years with similar SWSI
	<i>KAF</i> <sup>^</sup>	<i>KAF</i>	<i>KAF</i>		%	
<b>Weber River</b>	<b>357</b>	<b>190</b>	<b>547</b>	<b>-0.19</b>	<b>48</b>	<b>76, 10, 09, 93</b>

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

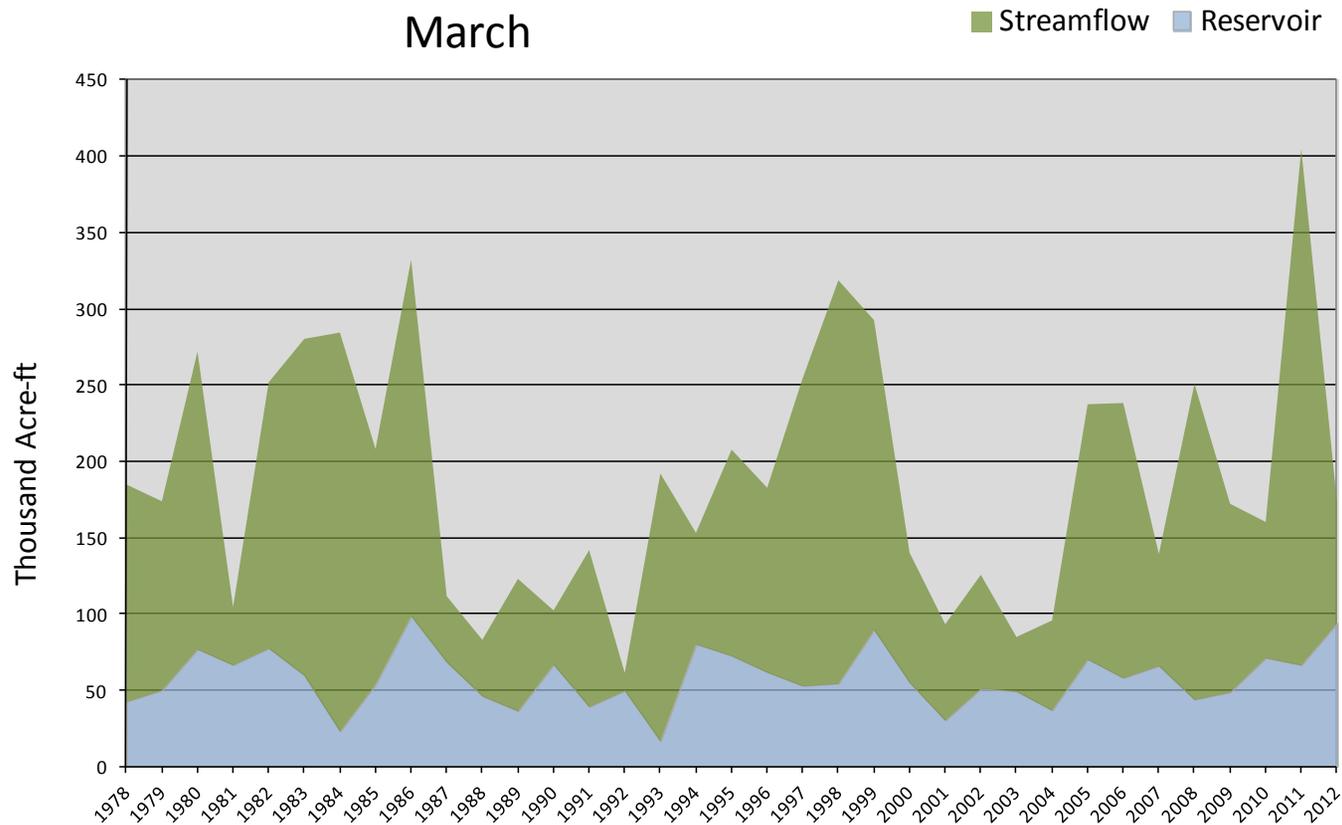
Weber River - Surface Water Supply Index  
March



March 1, 2012	Surface Water Supply Index					
Basin or Region	February 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>94</b>	<b>80</b>	<b>174</b>	<b>0.00</b>	<b>50</b>	<b>09, 10, 79, 96</b>

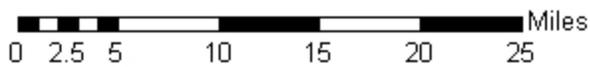
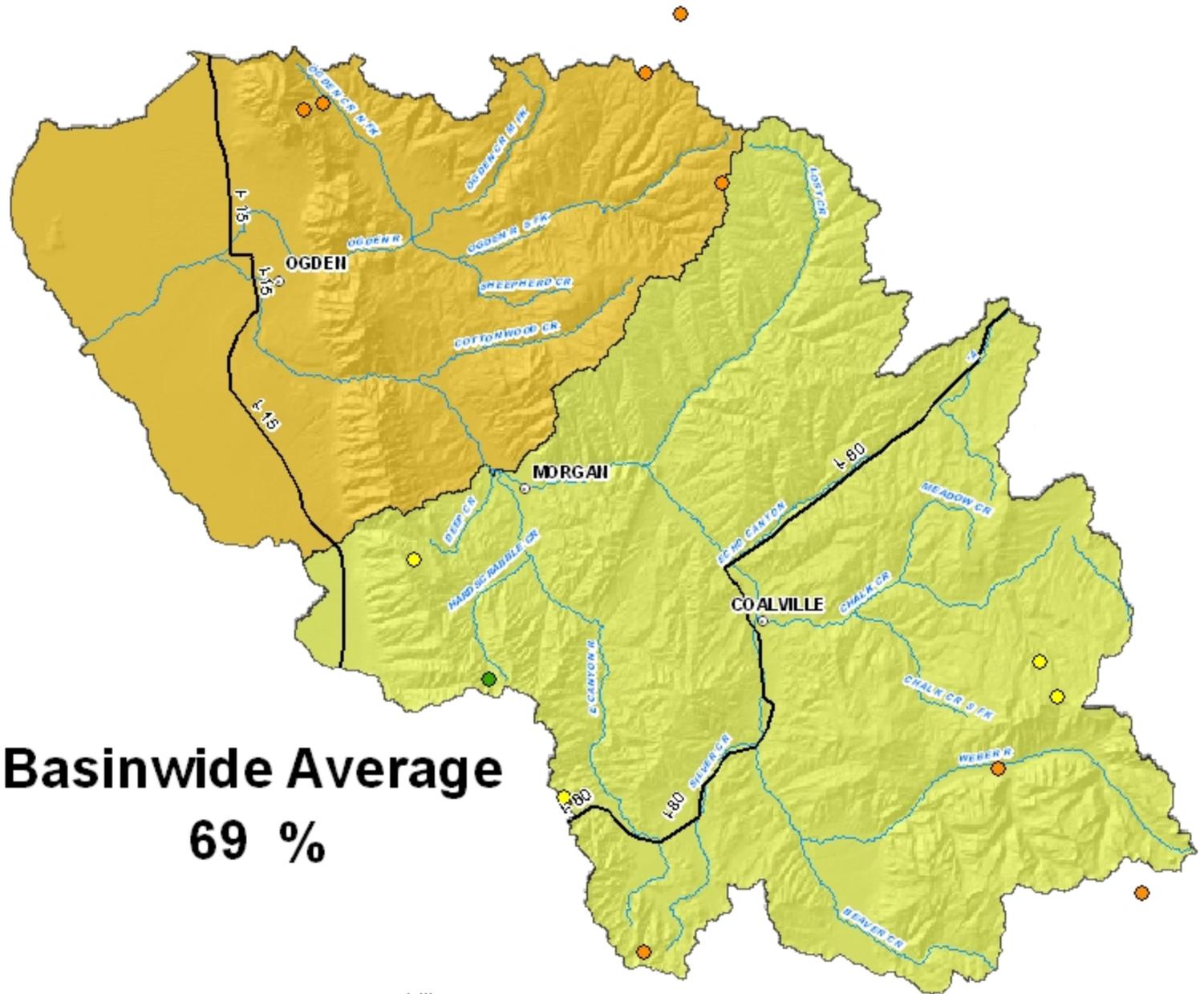
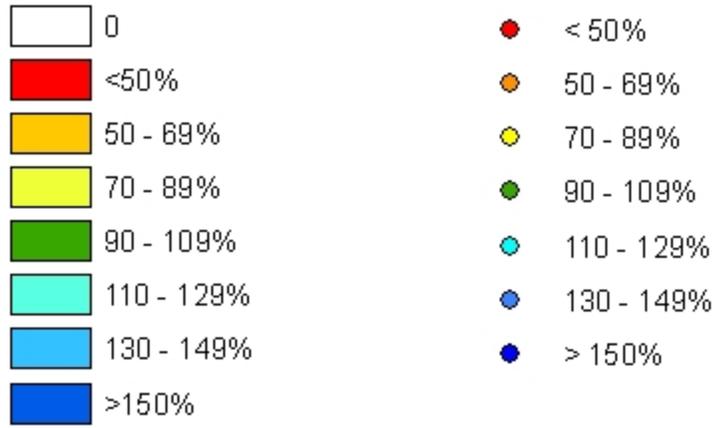
*\*EOM, end of month; # SWSI, Surface Water Supply Index; ^KAF, thousand acre-feet.*

Ogden - Surface Water Supply Index  
March



# Weber & Ogden Basins

Watershed % of Average    Snotel % of Average



*Provisional Data  
Subject to Revision*

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

WEBER & OGDEN WATERSHEDS in Utah Streamflow Forecasts - March 1, 2012												
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)		
Smith & Morehouse Res Inflow	APR-JUL	13.2	17.9	21	62	24	29	34				
Weber R nr Oakley	APR-JUL	46	63	74	60	85	102	123				
Rockport Res	APR-JUL	38	60	75	56	90	112	134				
Weber R nr Coalville	APR-JUL	33	60	78	57	96	123	137				
Chalk Ck at Coalville	APR-JUL	4.6	17.4	26	58	35	47	45				
Echo Res Inflow	APR-JUL	19.0	67	100	56	133	181	179				
Lost Ck Resv Inflow	APR-JUL	1.7	6.0	9.0	51	12.0	16.3	17.6				
East Canyon Ck nr Jeremy Ranch	APR-JUL	0.3	4.9	9.0	63	13.1	19.1	14.2				
East Canyon Ck nr Morgan	APR-JUL	1.9	11.5	18.0	58	25	34	31				
Weber R at Gateway	APR-JUL	7.0	107	190	54	275	395	355				
SF Ogden R nr Huntsville	APR-JUL	16.6	29	38	59	47	59	64				
Pineview Res Inflow	APR-JUL	26	58	80	60	102	134	133				
Wheeler Ck nr Huntsville	APR-JUL	0.53	2.50	3.80	60	5.10	7.10	6.30				
Centerville Ck	APR-JUL	0.04	0.39	0.77	60	1.15	1.70	1.28				

WEBER & OGDEN WATERSHEDS in Utah Reservoir Storage (1000 AF) - End of February					WEBER & OGDEN WATERSHEDS in Utah Watershed Snowpack Analysis - March 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	6.4	4.4	2.6	OGDEN RIVER	4	58	66
EAST CANYON	49.5	45.9	39.7	35.4	WEBER RIVER	9	54	71
ECHO	73.9	57.8	57.1	51.0	WEBER & OGDEN WATERSHEDS	13	55	69
LOST CREEK	22.5	20.2	16.2	13.9				
PINEVIEW	110.1	87.3	62.0	52.6				
ROCKPORT	60.9	39.8	37.1	33.2				
WILLARD BAY	215.0	187.2	171.6	154.9				

\* 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.