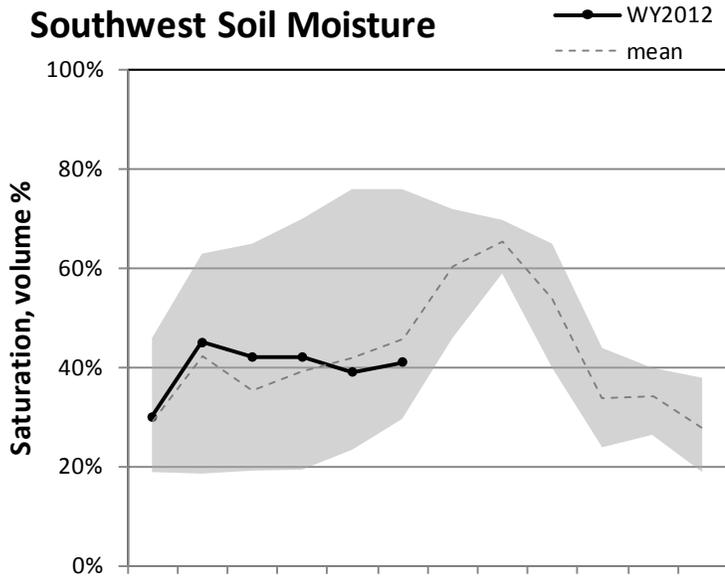


E. Garfield, Kane, Washington, & Iron Co. February 1, 2012

Snowpack in this region are below average at 77% of average, which is 51% of last year. Individual sites range from 10% at Little Grassy Snotel, to 101% of average at Birch Crossing. Precipitation during the month of February was below average at 77%, bringing the seasonal accumulation (Oct-Feb) to 86% of average. The average soil moisture estimate in runoff producing areas is at 41% of saturation within the upper 2 feet of soil, compared to 56% last year. Forecast streamflows (Apr–July) range from 41% to 67% of average. Reservoir storage is at 82% of capacity, 6% lower than last year at this time. The Surface Water Supply Index is at 30%, indicating much below average water supply conditions.

Southwest Soil Moisture

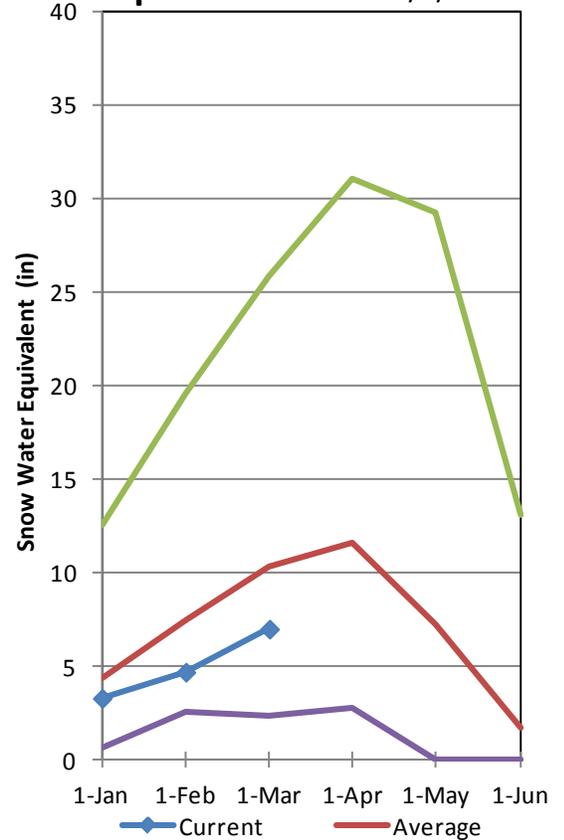


Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep
Percent saturation is calculated using the weighted average of volumetric soil moisture content at 2, 8, and 20-inch depths. Saturation is estimated as 40% volumetric water content. The gray area represents the range in saturation values since 2005.

Southwest Utah

Snowpack

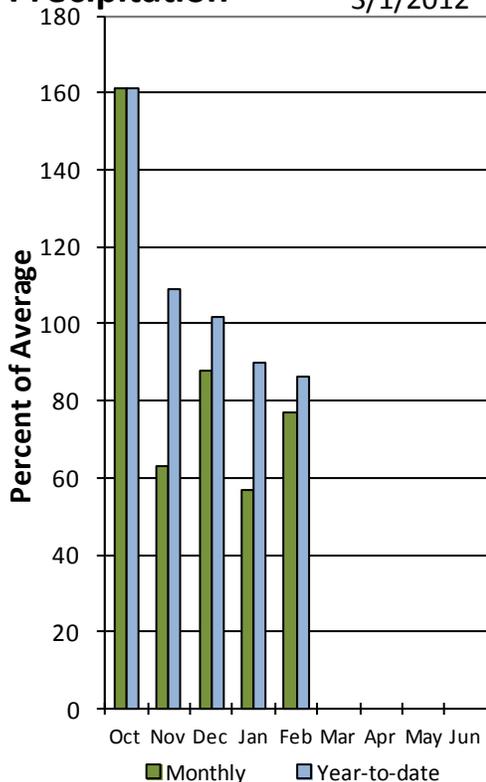
3/1/2012



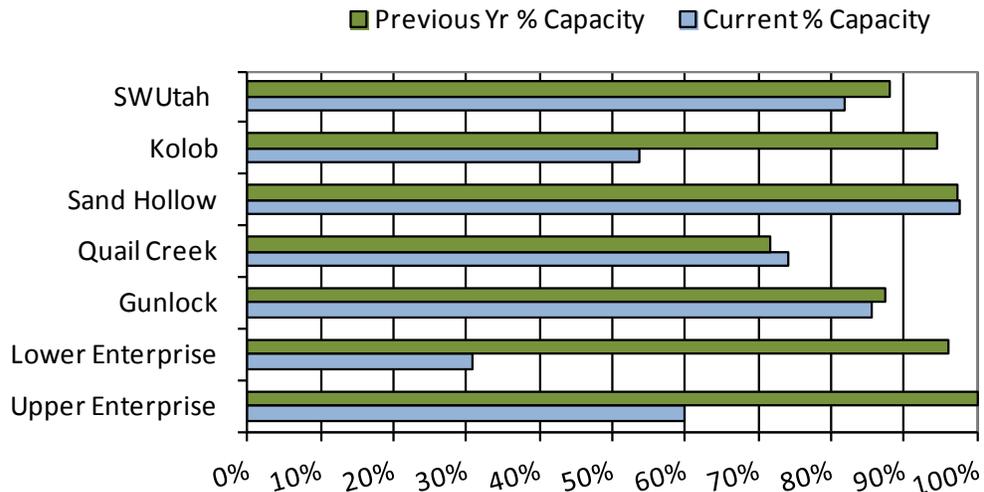
Southwest Utah

Precipitation

3/1/2012



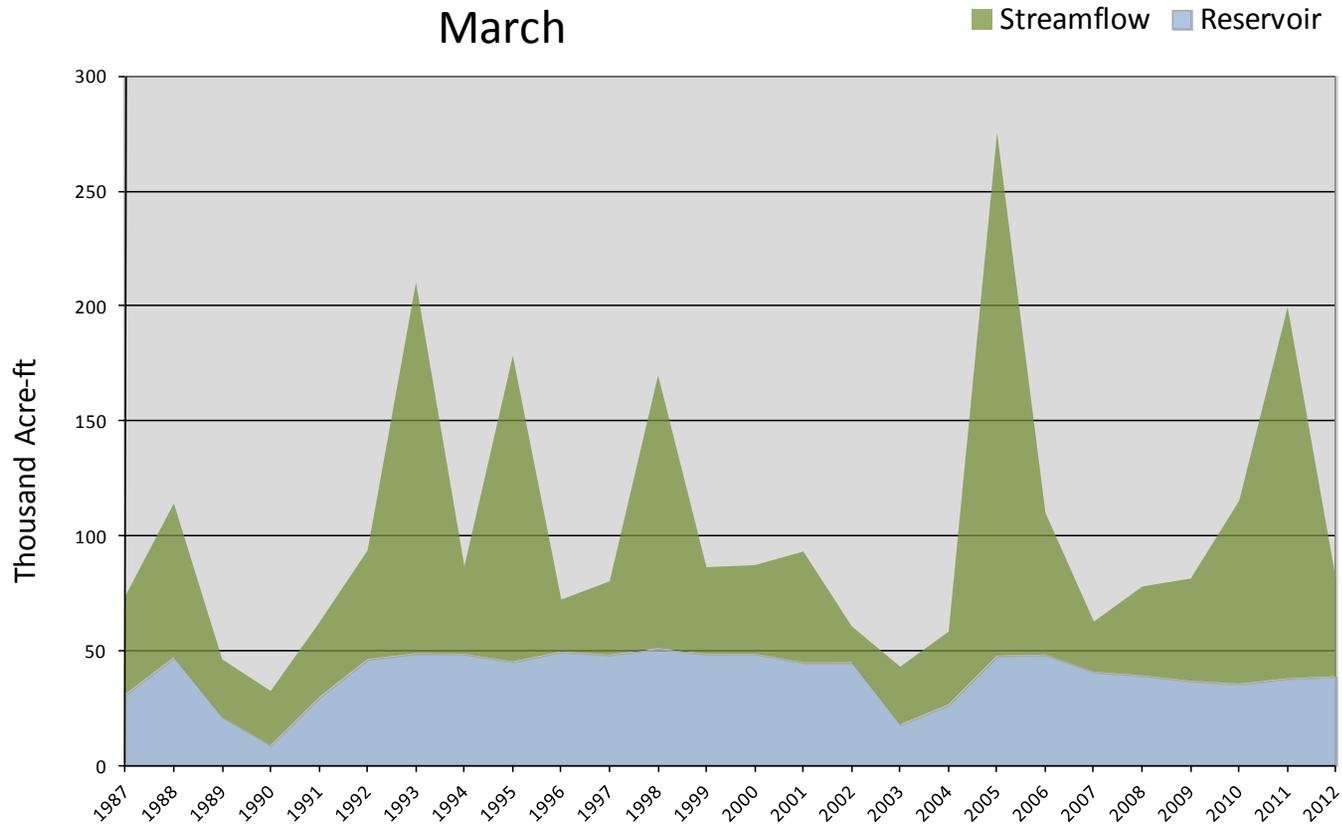
March Southwest Utah Reservoir Storage



March 1, 2012		Surface Water Supply Index				
Basin or Region	February EOM* Quail Creek and Gunlock Reservoirs	April-July forecast Virgin and Santa Clara Rivers	Reservoir + Streamflow	SWSI [#]	Percentile	Years with similar SWSI
	<i>KAF</i> [^]	<i>KAF</i>	<i>KAF</i>		%	
Virgin River	38.6	42	81	-0.46	44	08, 97, 09, 99

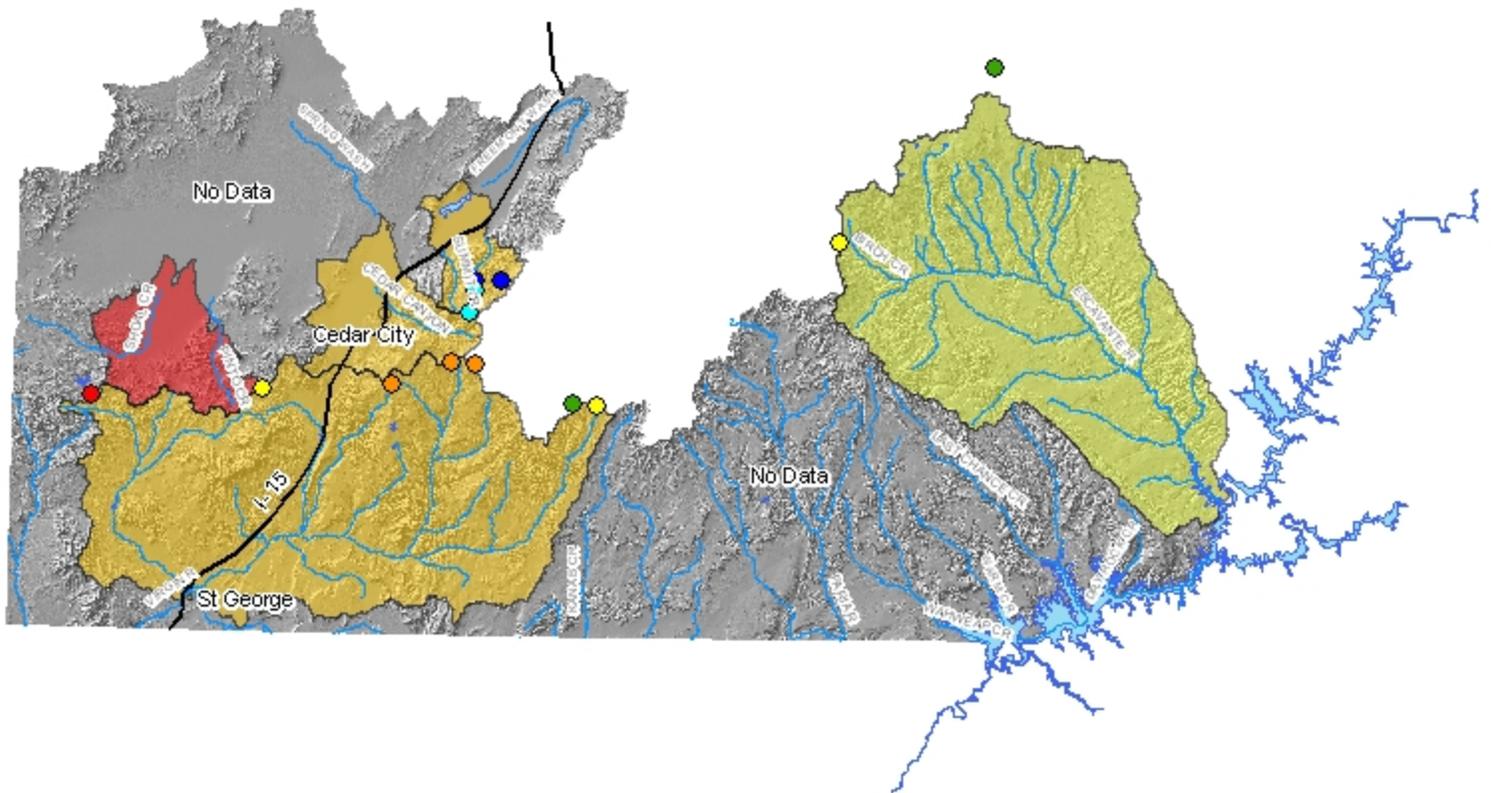
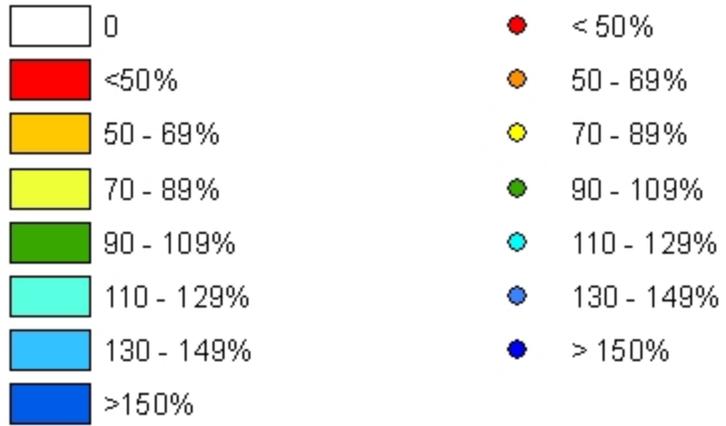
**EOM, end of month; [#]SWSI, Surface Water Supply Index; [^]KAF, thousand acre-feet.*

Virgin River Surface Water Supply Index
March



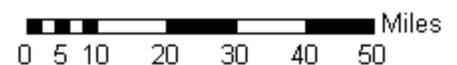
E. Garfield, Kane, Washington & Iron County

Watershed % of Average Snotel % of Average



Basin Average
67 %

*Provisional Data
Subject to Revision*



E. GARFIELD, KANE, WASHINGTON, & IRON Co. as of March 1, 2012

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Streamflow Forecasts - March 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)	
Lake Powell Inflow (2)	APR-JUL	3200	4160	5300	67	6580	8200	7930
Virgin R at Virgin	APR-JUL	21	25	32	50	40	54	64
Virgin R nr Hurricane	APR-JUL	16.0	19.6	28	41	38	55	69
Santa Clara R nr Pine Valley	APR-JUL	1.10	1.80	2.50	46	3.30	4.70	5.50
Coal Ck nr Cedar City	APR-JUL	1.2	6.4	10.0	52	13.6	18.8	19.3

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Reservoir Storage (1000 AF) - End of February

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
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
GUNLOCK	10.4	8.9	9.1	4.9	VIRGIN RIVER	5	39	67
LAKE POWELL	24322.0	15453.0	13249.0	---	PAROWAN	2	38	63
QUAIL CREEK	40.0	29.7	28.6	29.7	ENTERPRISE TO NEW HARMONY	2	42	48
UPPER ENTERPRISE	10.0	6.0	10.0	---	COAL CREEK	2	38	66
LOWER ENTERPRISE	2.6	0.8	2.5	90.0	ESCALANTE RIVER	2	69	88
					SOUTHWESTERN UTAH	9	45	68

* 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.