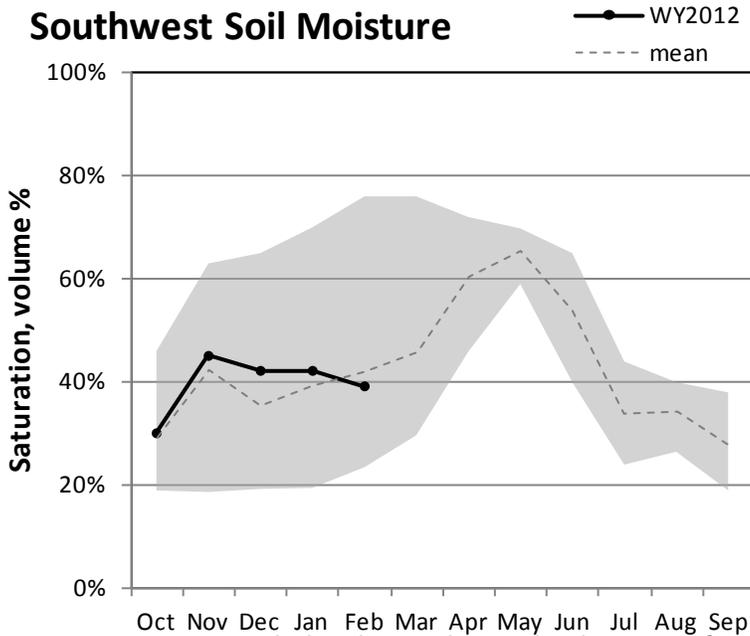


E. Garfield, Kane, Washington, & Iron Co. February 1, 2012

Snowpacks in this region are much below normal at 63% of average, which is 41% of last year. Individual sites range from 102% at Donkey Reservoir Snotel, to 33% of average at Little Grassy Snotel. Precipitation during the month of December was much below average at 57%, bringing the seasonal accumulation (Oct-Dec) to 90% of average. The average soil moisture estimate in runoff producing areas is at 39% of saturation within the upper 2 feet of soil, compared to 59% last year. Forecast streamflows (Apr-July) range from 41% to 64% of average. Reservoir storage is at 85% of capacity, 3% higher than last year at this time. The Surface Water Supply Index is at 33%, indicating below average water supply conditions.

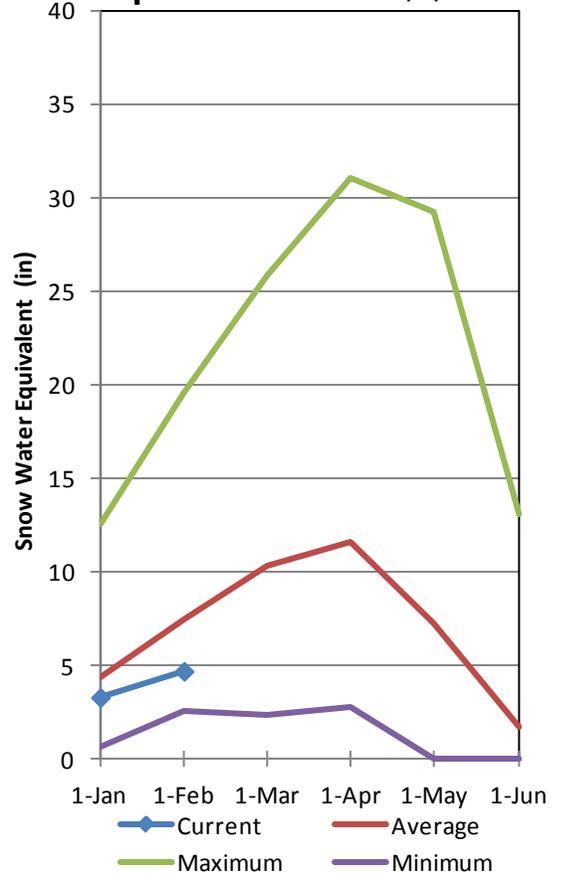
Southwest Soil Moisture



Southwest Utah

Snowpack

2/1/2012

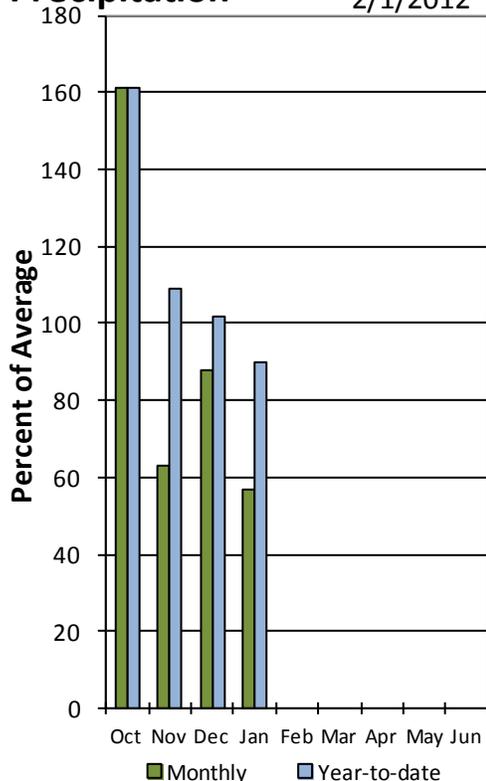


Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep
Percent saturation is calculated using the weighted average of volumetric soil moisture content at 2, 8, and 20-inch depths. Saturation is estimated as 40% volumetric water content. The gray area represents the range in saturation values since 2005.

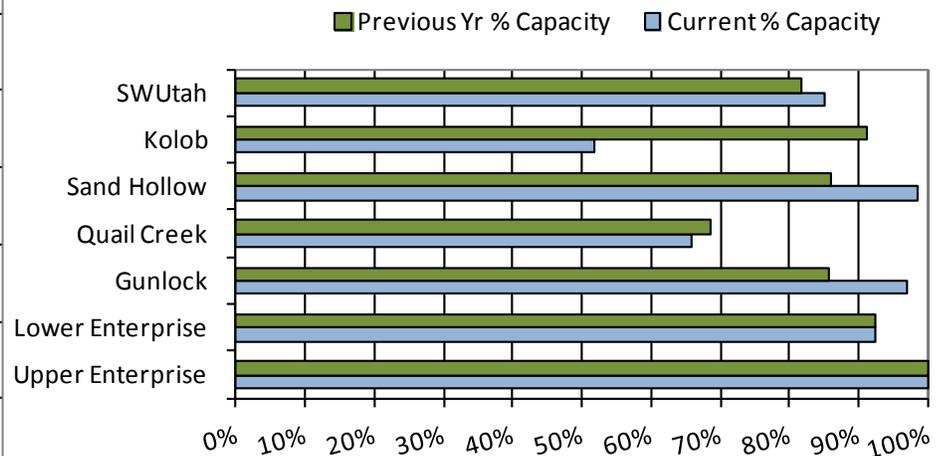
Southwest Utah

Precipitation

2/1/2012



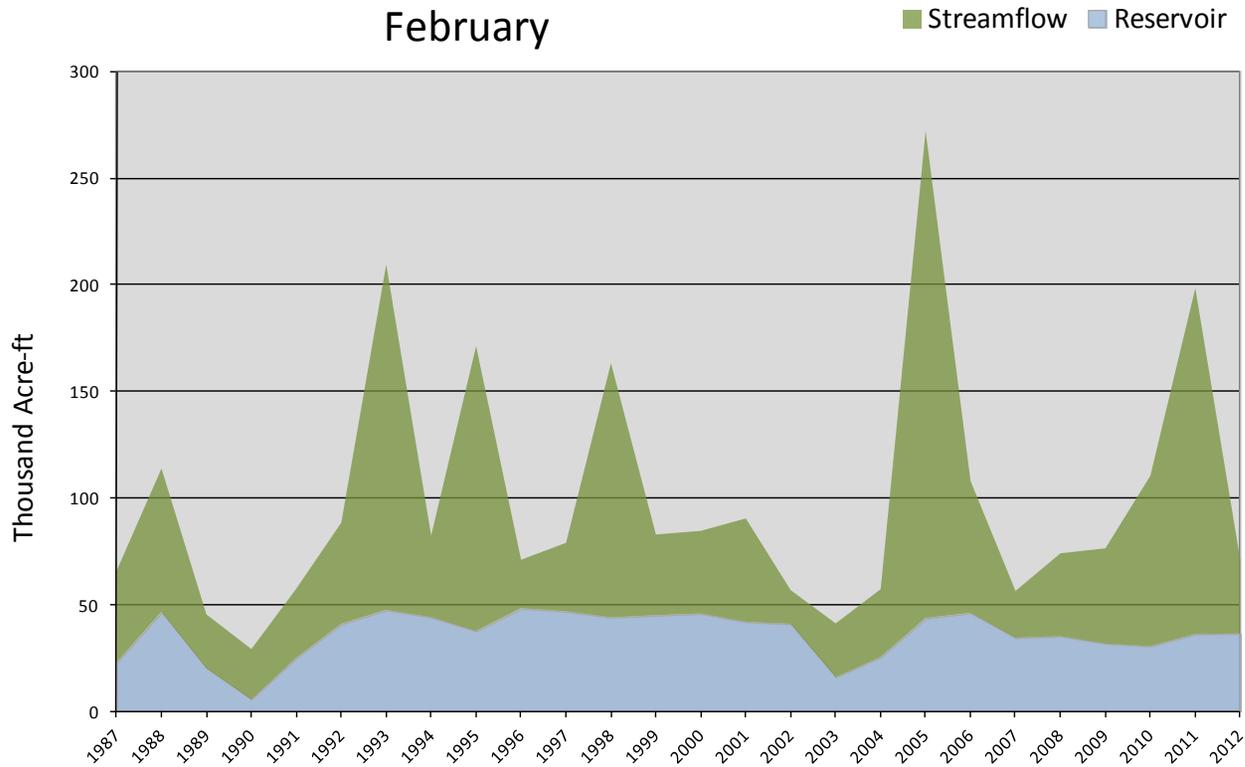
February Southwest Utah Reservoir Storage



February 1, 2012		Surface Water Supply Index				
Basin or Region	January EOM* Quail Creek and Gunlock Reservoirs	April-July forecast Virgin and Santa Clara Rivers	Reservoir + Streamflow	SWSI [#]	Percentile	Years with similar SWSI
	KAF [^]	KAF	KAF		%	
Virgin River	36.5	35	71	-1.39	33	91, 87, 96, 08

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

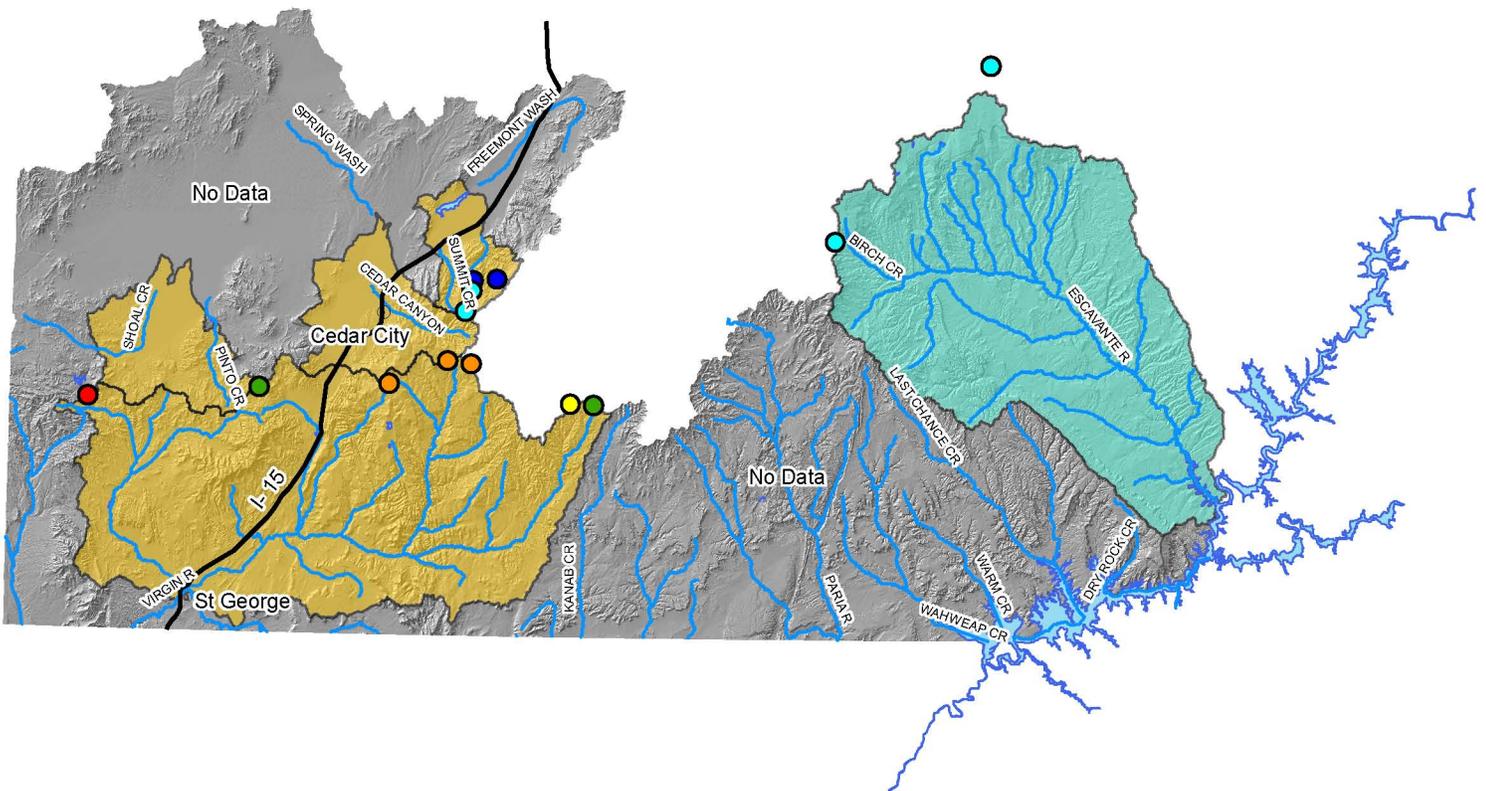
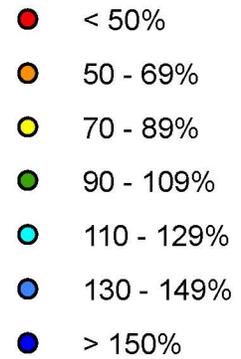
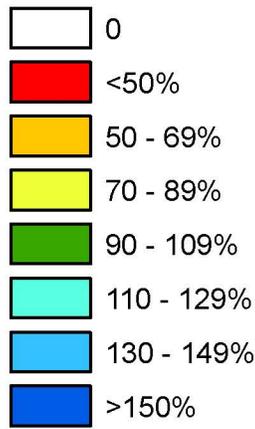
Virgin River Surface Water Supply Index
February



E. Garfield, Kane, Washington & Iron County

Watershed % of Average

Snotel % of Average



Basin Average
72 %

Provisional Data
Subject to Revision



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

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Streamflow Forecasts - February 1, 2012

Forecast Point	Forecast Period	<<===== Drier =====>>		Future Conditions		===== Wetter =====>>		30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	Chance Of Exceeding * (% AVG.)	30% (1000AF)	10% (1000AF)	
Lake Powell Inflow (2)	APR-JUL	2800	3880	5050	64	6370	8600	7930
Virgin R at Virgin	APR-JUL	23	25	32	50	40	54	64
Virgin R nr Hurricane	APR-JUL	15.2	19.5	28	41	38	56	69
Santa Clara R nr Pine Valley	APR-JUL	1.60	2.00	2.50	46	3.40	5.10	5.50
Coal Ck nr Cedar City	APR-JUL	1.5	7.8	12.0	62	16.2	22	19.3

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

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Watershed Snowpack Analysis - February 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	10.1	8.9	5.7	VIRGIN RIVER	5	32	59
LAKE POWELL	24322.0	15648.0	13829.0	18463.0	PAROWAN	2	31	62
QUAIL CREEK	40.0	26.4	27.4	26.5	ENTERPRISE TO NEW HARMONY	2	57	48
UPPER ENTERPRISE	10.0	10.0	10.0	---	COAL CREEK	2	31	60
LOWER ENTERPRISE	2.6	2.4	2.4	38.0	ESCALANTE RIVER	2	77	89
					SOUTHWESTERN UTAH	9	41	63

* 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.