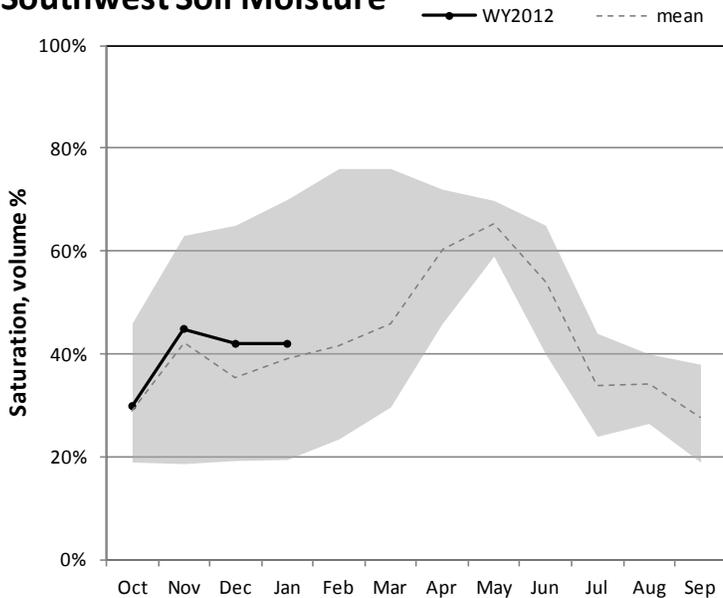


## E. Garfield, Kane, Washington, & Iron Co. January 1, 2012

Snowpacks in this region are below normal at 76% of average, which is 29% of last year. Individual sites range from 117% at Donkey Reservoir Snotel, to 29% of average at Little Grassy Snotel. Precipitation during the month of December was below average at 89%, bringing the seasonal accumulation (Oct-Dec) to 103% of average. The average soil moisture estimate in runoff producing areas is at 42% of saturation within the upper 2 feet of soil, compared to 61% last year. Forecast streamflows (Apr-July) range from 64% to 73% of average. Reservoir storage is at 76% of capacity, 2% lower than last year at this time. The Surface Water Supply Index is at 56%, indicating average water supply conditions.

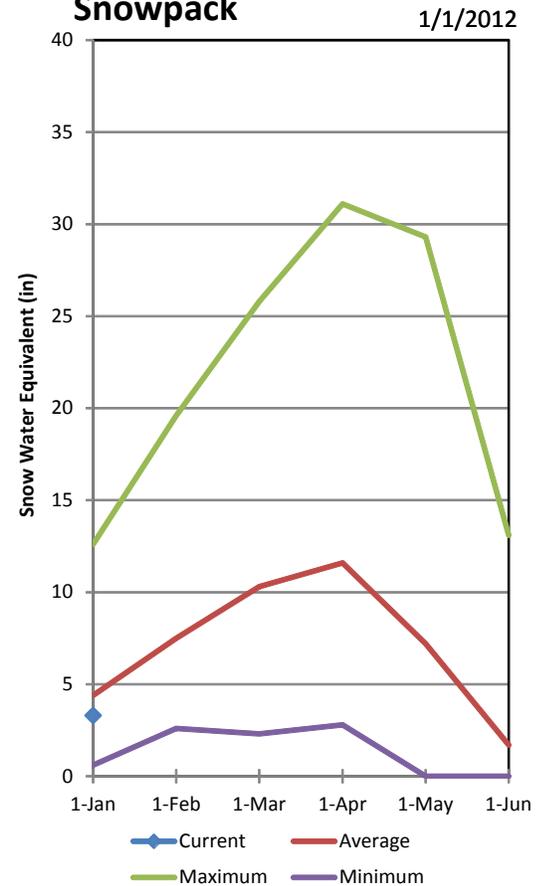
### Southwest Soil Moisture



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.

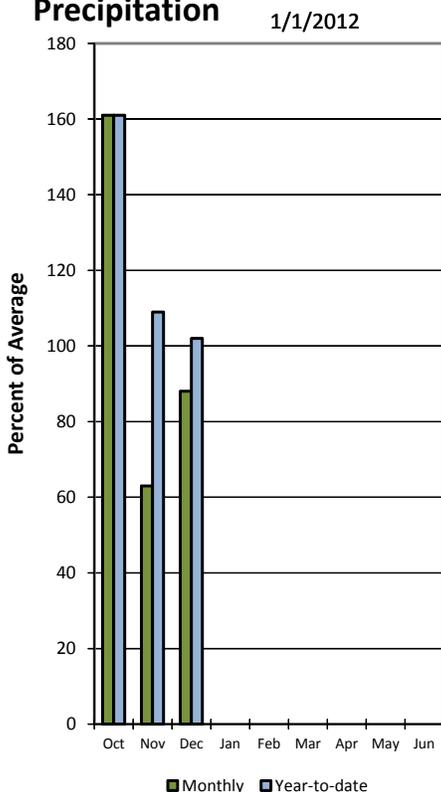
### Southwest Utah

#### Snowpack

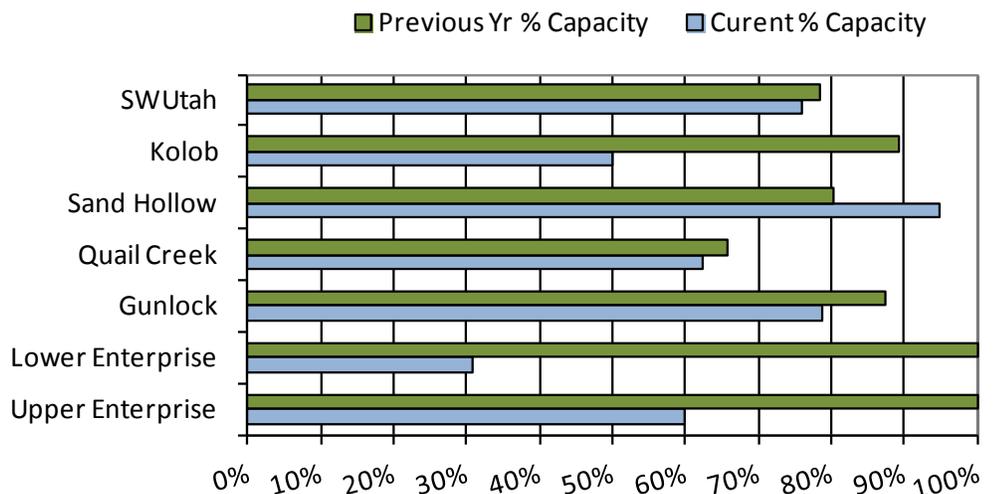


### Southwest Utah

#### Precipitation



### January Southwest Utah Reservoir Storage



January 1, 2012

# Surface Water Supply Index

Basin or Region	December 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		%	
<b>Virgin River</b>	<b>33.1</b>	<b>49.0</b>	<b>82.1</b>	<b>0.46</b>	<b>56</b>	<b>94,00,99,92</b>

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

## Virgin River Basin - Surface Water Supply Index

January

