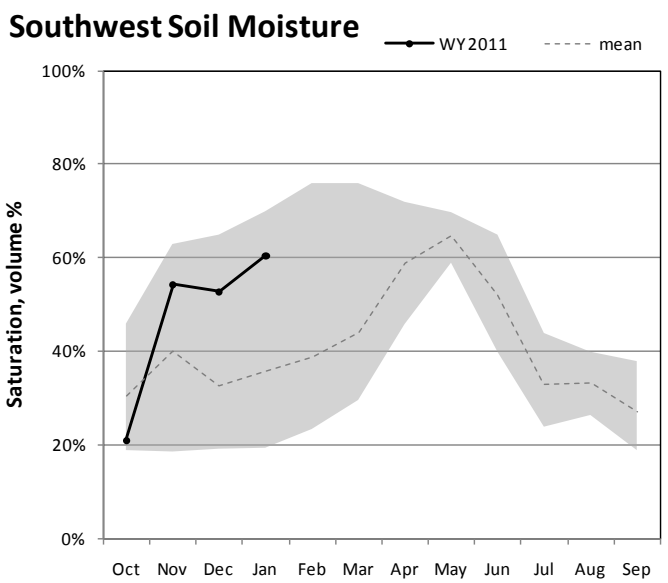
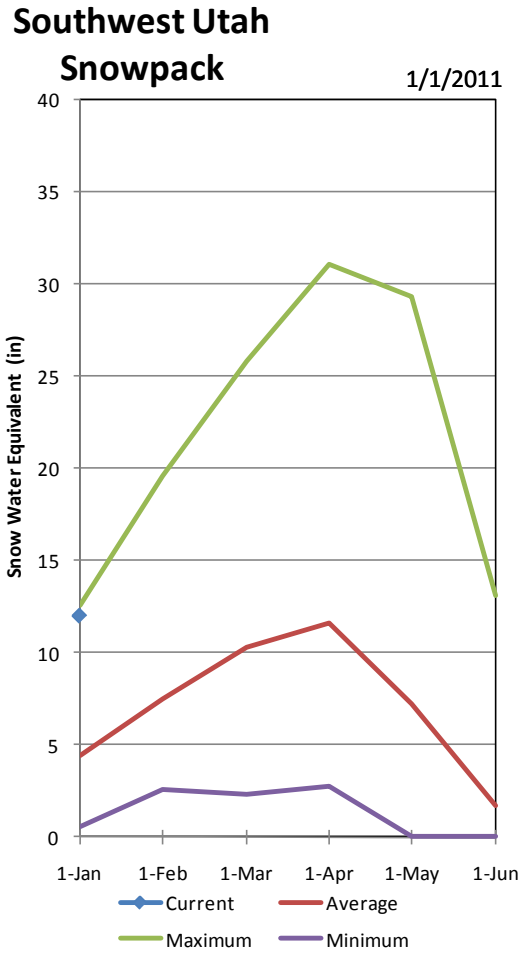
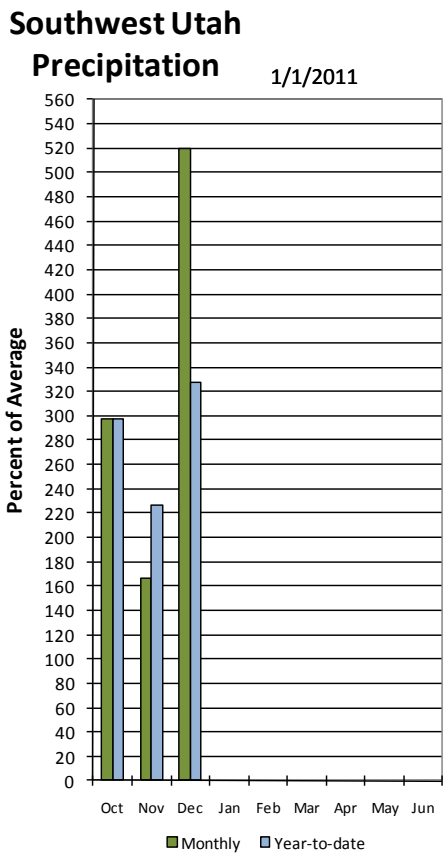
# E. Garfield, Kane, Washington, & Iron Co.
## January 1, 2011

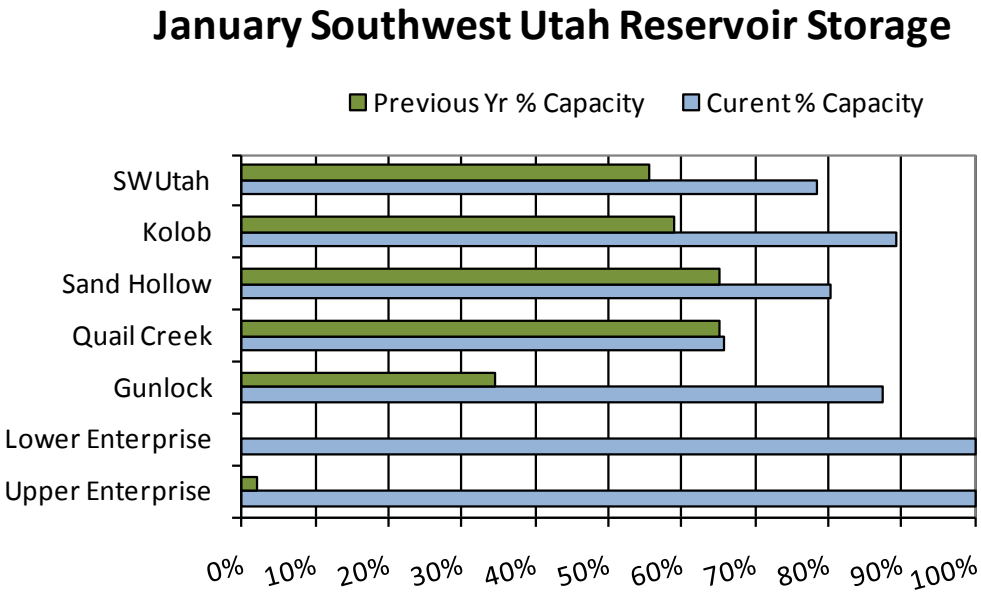
Snowpacks in this region are much above normal at 274% of average, which is 199% of last year. Individual sites range from 95% at Donkey Reservoir Snotel, to 408% of average at Harris Flat Snotel. Precipitation during the month of December was much above average at 520%, bringing the seasonal accumulation (Oct-Dec) to 328% of average. The average soil moisture estimate in runoff producing areas is at 61% of saturation within the upper 2 feet of soil, compared to 20% last year. Forecast streamflows (Apr–July) range from 120% to 192% of average. Reservoir storage is at 78% of capacity, 23% higher than last year at this time. The Surface Water Supply Index is at 85%, indicating much above average water supply conditions.




*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.*



| *January 1, 2011* | | **Surface Water Supply Index** | | | | |
|---|---|---|---|---|---|---|
| Basin or Region | December EOM* Storage. Quail Creek and Gunlock Reservoirs | Apr - July forecast flow Virgin and Santa Clara Rivers | Reservoir + Streamflow | SWSI# | Percentile | Years with similar SWSI |
| | *KAF^* | *KAF* | *KAF* | | *%* | |
| **Southwest** | **35** | **130** | **165** | **2.88** | **85%** | **88, 98, 95, 93** |

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