



Utah Crop Progress

Cooperating with the Utah Department of Agriculture and Food

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Crop Summary for the Month of January 2015

Agricultural Summary: Current reservoir levels were of concern for producers across the state. Scofield reservoir, which serves Carbon County, is at 20 percent capacity, and current snow levels are not enough to boost that above 100 percent during snowmelt. In Garfield County, very little snowpack exists which will limit irrigation supplies during the spring and summer. Box Elder County has experienced a very mild January, with only one snow storm leaving about 3 inches of snow. Precipitation was about average with about 1.1 inches of water received. Farmers were keeping their eyes on the mountain snowpack which is below average at this point. Cattle producers have been able to get by very well so far this winter. They are feeding some hay, but with the mild temperatures, feed supplies have not been used at an abnormal rate. Some producers have cows that are just starting to calve. Sheep producers are reporting that lack of snow on desert permits is forcing them to haul water to their sheep. The feed is good on the desert due to the late summer and fall rains that were received.

Crops, Livestock, and Pasture Condition

Item	Very poor	Poor	Fair	Good	Excellent
Winter wheat	--	1	30	58	11
Cattle/calves	--	--	15	83	2
Sheep/lambs	--	--	23	74	3
Pasture/range	--	5	54	39	2

Soil Moisture Condition and Stock Water Supply

Item	Very short	Short	Adequate	Surplus
Topsoil moisture	1	30	67	2
Subsoil moisture	3	33	62	2
Hay and roughage supply	--	1	98	1
Stock water supply	3	23	74	--

Crop and Livestock Progress

Item	Current week	Previous week	Previous year	5-year average
Cows calved	5	NA	NA	NA
Ewes lambled - farm	2	NA	NA	NA
Ewes lambled - range	--	NA	NA	NA
Cattle – supplemental feeding	46	NA	NA	NA
Sheep – supplemental feeding	39	NA	NA	NA

NA – not available

Soil Moisture - Utah Soil Climate Analysis Network - Feb-2-2015

Site name	Weekly Precip	Current Precip ¹	Prev. Yr. Precip ²	Soil Moisture ³					Current Avail. Water**	Current Avail. Water % of AWC*	Prev. Yr. Avail. Water**	Prev. Yr. Avail. Water % of AWC*
				2"	4"	8"	20"	40"				
				volume %								
	in.	in.	in.						in.	%	in.	%
WESTERN												
Grouse Creek	0.23	4.3	2.2	19	24	27	31	29	7.4	109	1.2	18
Park Valley	0.02	2.1	2.2	10	18	28	nd	18	5.2	116	3.2	72
Goshute	0.36	1.6	2.4	29	nd	12	7	3	0.6	36	0.6	35
Dugway	0.18	1.4	2.1	nd	nd	nd	nd	nd	0.0	0	0.6	59
Tule Valley	0.60	1.2	1.9	22	22	20	19	8	5.0	80	4.6	73
Hal's Canyon	0.66	1.2	1.7	10	12	9	10	8	1.0	18	0.5	9
Enterprise	0.77	2.7	1.2	18	40	36	14	14	2.7	69	0.8	20
DIXIE												
Sand Hollow	0.57	1.9	3.4	6	7	6	1	0	0.9	38	2.3	100
NORTH CENTRAL												
Blue Creek	0.09	3.5	2.5	36	32	38	22	17	3.9	76	0.8	15
Cache Junction	0.19	3.5	2.9	35	32	38	26	35	2.4	62	0.0	0
Grantsville	0.05	1.4	3.1	11	13	18	5	nd	1.0	51	1.6	85
SOUTH CENTRAL												
Nephi	0.12	3.5	2.5	31	32	30	7	0	2.5	55	0.7	16
Ephraim	0.05	2.5	3.4	31	36	35	38	35	8.4	91	2.8	30
Holden	0.21	2.3	2.0	11	6	0	12	11	0.4	6	0.5	8
Milford	0.32	1.7	0.9	27	30	26	25	16	2.5	39	1.0	16
Manderfield	0.18	1.9	1.8	36	27	25	10	5	2.2	40	0.2	4
Circleville	0.08	1.2	1.0	7	21	11	8	13	1.1	17	1.5	23
Panguitch	0.36	2.3	1.5	17	32	27	19	32	2.7	46	1.3	23
Cave Valley	0.74	4.5	4.2	6	8	8	6	8	2.3	43	1.8	29
Vermillion	1.44	4.0	4.3	9	6	6	5	7	0.5	10	0.9	19
Spooky	1.05	2.5	3.0	8	11	5	11	1	0.6	24	2.7	110
NORTHERN MOUNTAINS												
Chicken Ridge, sagebrush	0.07	2.2	1.4	20	21	25	17	12	3.5	49	0.6	8
Chicken Ridge, aspen	0.07	2.2	1.4	15	18	17	6	5	0.9	15	0.0	0
Buffalo Jump	0.03	2.3	1.9	9	12	13	8	na	0.5	11	0.0	0
Morgan	0.10	4.2	4.5	32	28	30	35	20	7.6	92	6.2	74
UNTAHBASIN												
Mountain Home	0.40	1.8	1.5	24	13	19	11	2	0.5	9	0.6	10
Little Red Fox	0.51	1.9	1.1	24	32	35	34	35	7.0	98	0.6	8
Split Mountain	0.20	1.6	2.6	21	25	16	17	11	2.6	38	0.8	12
SOUTHEAST												
Price	0.42	1.3	2.0	10	21	27	13	15	2.6	33	1.5	19
Green River	0.41	1.5	1.3	25	18	7	5	7	1.0	19	0.2	3
Harm's Way	nd	nd	3.3	26	20	29	11	5	3.1	61	1.8	35
West Summit	0.40	2.3	3.1	23	28	14	13	15	1.2	20	1.2	20
Eastland	0.45	2.6	3.4	26	24	21	20	18	3.3	56	5.1	85
Alkali Mesa	0.48	3.1	3.1	20	8	nd	15	15	0.3	7	0.8	15
McCracken Mesa	0.59	2.6	3.0	24	26	25	14	12	3.2	86	2.8	75
¹ from: 10/01/2014 to present ² from: 10/01/13 to 02/02/14 na = no sensor									What the colors mean:			
³ Soil moisture at selected sites is adjusted for for high salt content **plant available water in the top 40" of soil nd = missing data *AWC = available water capacity in the top 40" of soil									<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: yellow; margin-right: 5px;"></div> = below wilting point (WP); too dry </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: lightgreen; margin-right: 5px;"></div> = between WP & FC; ideal </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: lightblue; margin-right: 5px;"></div> = above field capacity (FC); too wet </div>			