



Utah Crop Progress & Conditions

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Issue 18 Week Ending July 7, 2013

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Agricultural Summary

For the week ending July 7, 2013 there were 6.5 days suitable for fieldwork. **Box Elder County** experienced record high temperatures during the first part of the week. Thunderstorms started showing up by the end of the week and helped cool off the temperatures. Widely scattered showers have provided some moisture, but they were very spotty and usually came down so fast that most of the water ran off. **Cache County** reports that conditions continue to be hot and dry. **Duchesne County** finally received some moisture over the weekend but also high damaging winds. Thunderstorms have improved soil moisture and range conditions in **Iron County**. The upper portions of **Wayne and Piute Counties** received rains Sunday afternoon.

Field Crop Summary

The hot weather has really made the corn grow this week in **Box Elder County**, with many fields approaching 6 feet tall. Keeping up with the irrigation has been a challenge for many producers but that should ease somewhat as most of the wheat in the Bear River Valley has been irrigated for the last time. Wheat is starting to ripen and turn color. Some of the crop was damaged by hail during the week. Alfalfa producers are working on the second cutting with some producers in the southern part of the county already done while others just getting started. Many western parts of the county are just about out of irrigation water unless they have wells so their hay yields will be light. Onions are looking very good this year. Fortunately, most of the barley and wheat in **Cache County** has had their last irrigation. Now limited irrigation supplies can be utilized for alfalfa, pastures, and corn. All irrigation companies are carefully watching water supplies, and some have been forced to limit shareholders on the amount of water they can use. Corn is growing exceptionally well where irrigation water is available. There is evidence of spider mites in corn however. Second crop alfalfa hay is being harvested. Dry land farmers are getting limited yields. There are also lots of grasshoppers. **Duchesne County** irrigation water continues to deplete quickly and most areas are expected to be out by the first part of August, if not sooner. The hot temperatures and winds have dried out crops and reduced production on the first crop of hay. **Beaver County** is completing harvesting the first crop of hay. Grasshoppers have been a problem in alfalfa fields in **Iron County**. Rangeland and first crop hay still in windrows may have received some damage from the wind and rain storm that came in Sunday afternoon to the upper portions of **Wayne and Piute Counties**.

Livestock Summary

Box Elder County livestock producers still report that range conditions are deteriorating with livestock water starting to get scarce in some locations. Some scattered showers will help refresh some of the feed

but not enough rain has fallen to replenish ponds and springs. Animals still seem to be in fair to good shape. Many ranchers report their cattle may be coming off summer grass earlier than normal this year. In **Cache County** livestock are beginning to suffer from limited forage and hot weather. Dairy producers are also struggling with high feed prices, especially since yields are reduced because of limited water. Livestock are looking good in **Beaver County**.

**Crop & Livestock Condition
for Week Ending July 7, 2013**

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Range & Pasture	7	19	36	38	0
Spring Wheat	4	11	21	49	15
Winter Wheat	8	21	29	32	10
Barley	0	1	18	59	22
Oats	0	1	21	71	7
Corn	0	0	11	72	17
Sheep	0	1	28	66	5
Cattle/calves	0	3	23	70	4

**Crop Progress & Development
for Week Ending July 7, 2013**

Item	Current Week	Previous Week	Previous Year	5 Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley Headed Stage	96	92	95	95
Oats Headed Stage	85	81	81	66
Spring Wheat Headed	95	88	94	70
Other Hay Cut	75	72	74	68
Apricots Harvested	11	NA	53	26
Sweet Cherries Harvested	47	11	76	35
Tart Cherries Harvested	9	7	59	15

Item	Crop Development			
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>
Corn Height	39	27	31	25

**Soil Moisture
for Week Ending July 7, 2013**

Item	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	26	37	37	0
Subsoil	21	37	42	0
Irrigation water supplies	24	35	41	0
Stock water supplies	22	34	44	0

Utah Soil Climate Analysis Network - July 8, 2013

Site name	County	Precip to Date*	Weekly Precip	Avg Air Temp	Soil Moisture					Soil Temperature				
					2"	4"	8"	20"	40"	2"	4"	8"	20"	40"
		<i>in.</i>	<i>in.</i>	<i>° F</i>	<i>volume %</i>					<i>° F</i>				
WESTERN														
Grouse Creek	<i>Box Elder</i>	7.2	0.71	70	5	8	13	17	17	69	73	73	68	64
Park Valley	<i>Box Elder</i>	7.4	0.29	73	2	3	12	28	24	73	76	77	72	66
Goshute	<i>Tooele</i>	5.9	0.16	69	9	0	44	50	40	63	68	73	72	67
Dugway	<i>Tooele</i>	6.1	1.31	76	21	27	40	nd	16	69	71	73	73	71
Tule Valley	<i>Millard</i>	5.0	0.17	77	12	11	24	16	12	71	80	86	84	82
Hal's Canyon	<i>Millard</i>	3.1	0.00	74	1	0	8	11	10	71	79	82	77	71
Enterprise	<i>Washington</i>	5.1	0.05	73	4	20	22	14	15	76	81	80	76	68
DIXIE														
Sand Hollow	<i>Washington</i>	4.4	0.43	84	8	1	1	0	0	75	82	93	89	82
NORTH CENTRAL														
Blue Creek	<i>Box Elder</i>	7.3	0.24	71	11	15	23	25	20	74	77	76	71	65
Cache Junction	<i>Cache</i>	10.6	0.16	69	15	16	27	27	27	67	68	65	63	56
Grantsville	<i>Tooele</i>	7.6	0.42	77	3	12	26	26	nd	75	78	78	73	nd
SOUTH CENTRAL														
Nephi	<i>Juab</i>	6.8	0.47	72	13	14	15	8	6	75	77	77	73	67
Ephraim	<i>Sanpete</i>	6.7	0.58	68	13	7	15	15	35	67	68	67	61	57
Holden	<i>Millard</i>	6.1	0.35	74	4	4	5	12	15	74	77	78	76	71
Milford	<i>Beaver</i>	5.0	0.11	71	5	14	18	31	18	83	83	79	74	67
Manderfield	<i>Beaver</i>	6.4	0.16	65	1	10	13	12	5	67	74	73	71	64
Circleville	<i>Piute</i>	4.9	0.25	65	6	3	6	10	9	72	73	74	68	63
Panguitch	<i>Garfield</i>	3.2	0.60	60	3	16	13	21	25	64	66	66	63	57
Cave Valley	<i>Washington</i>	10.0	0.09	70	4	1	1	1	0	74	76	80	73	67
Vermillion	<i>Kane</i>	5.0	0.04	70	0	1	2	4	8	67	73	74	68	64
Spooky	<i>Kane</i>	3.4	0.03	75	3	1	3	12	2	87	87	83	77	75
NORTHERN MOUNTAINS														
Chicken Ridge	<i>Morgan</i>	7.8	0.31	62	7	12	4	12	5	59	60	62	68	57
Buffalo Jump	<i>Rich</i>	6.4	0.20	64	4	10	10	9	na	69	70	69	69	na
Morgan	<i>Morgan</i>	13.6	0.41	65	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
UINTAH BASIN														
Mountain Home	<i>Duchesne</i>	6.1	0.32	65	14	20	23	20	11	64	65	65	63	59
Little Red Fox	<i>Duchesne</i>	5.0	0.06	69	3	12	19	24	20	70	77	78	73	67
Split Mountain	<i>Uintah</i>	4.6	0.06	72	1	12	13	15	13	78	82	86	80	72
SOUTHEAST														
Price	<i>Carbon</i>	5.1	0.36	69	3	8	14	17	22	69	75	76	74	71
Green River	<i>Emery</i>	2.8	0.00	77	3	6	9	6	10	84	87	88	84	78
Harm's Way	<i>San Juan</i>	7.2	0.00	73	4	0	14	15	7	83	79	82	75	67
West Summit	<i>San Juan</i>	3.1	0.07	71	5	10	13	16	18	76	79	79	72	67
Eastland	<i>San Juan</i>	3.6	0.17	72	7	11	8	25	24	72	73	74	69	65
Alkali Mesa	<i>San Juan</i>	5.3	0.72	75	13	20	14	20	14	70	71	75	73	70
McCracken Mesa	<i>San Juan</i>	5.1	0.00	74	7	10	14	18	14	83	87	87	73	73

*since October 1, 2012, nd=missing data, na=no sensor

SCAN site locations and hourly data including wind speed, wind direction, relative humidity, solar radiation, etc. are available at <http://www.wcc.nrcs.usda.gov/scan/utah/utah.html>