



Utah Crop Progress & Conditions

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Issue 20 Week Ending July 21, 2013

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Agricultural Summary

For the week ending July 21, 2013 there were 6.8 days suitable for fieldwork. Unseasonably warm temperatures and dry conditions continued this past week. Many areas of **Box Elder County** have received less than 3 inches of rainfall since January. Conditions in **Cache County** also continue to be very dry. The mountains in **Duchesne County** received a pretty good amount of moisture this past week and it has helped to green up the feed. Irrigation water supplies are depleting quickly and a few companies will shut off water in the next week with others coming in the next two weeks. Irrigation water in **Summit County** is getting short and farmers are worried about being cut off earlier than normal.

Field Crop Summary

Small grain harvest is underway in **Box Elder County** with producers cutting fall barley and winter wheat in some locations. Producers are reporting that their fields are mostly ready to go but they still have green wheat in some of the thin spots of the fields. Harvest will continue this week and will be in full swing by the first week in August. Corn in the Bear River Valley is looking very good with a majority of the fields now tasseling and silking. Alfalfa hay producers are just getting second crop cut and baled in Box Elder County. The safflower crop looks good right now, especially on fields that have caught one of the rare scattered showers. In **Cache County**, second crop alfalfa is mostly harvested. In **Duchesne County** hay production has not been too bad on grass hay considering the irrigation water available. Farmers in **Summit County** are just starting to cut second crop alfalfa hay.

Livestock Summary

Livestock producers are very concerned about their fall and winter range in **Box Elder County**. A problem facing livestock producers is the scarcity of livestock water on the summer ranges. Many of the permanent streams and ponds have gone dry and this is limiting the distribution of livestock.

Crop & Livestock Condition for Week Ending July 21, 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	6	21	41	32	0
Spring Wheat	2	7	25	53	13
Winter Wheat	8	21	31	32	8
Barley	0	1	20	57	22
Oats	0	1	19	74	6
Corn	0	0	13	74	13
Sheep	0	1	28	67	4
Cattle/calves	0	2	22	71	5

Soil Moisture for Week Ending July 21, 2013

Item	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	22	39	39	0
Subsoil	25	34	41	0
Irrigation water supplies	24	39	37	0
Stock water supplies	18	36	46	0

Crop Progress & Development, Livestock Activity for Week Ending July 21, 2013

Item	Current Week	Previous Week	Previous Year	5-Year Average
	Crop Progress			
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Oats Headed Stage	92	90	92	86
Oats Harvested Silage/Hay	67	48	71	63
Winter Wheat Harvested	15	6	41	16
Corn Silk Stage	23	11	33	14
Alfalfa Second Cutting	58	45	70	43
Other Hay Cut	82	80	80	79
Apricots Harvested	68	39	58	54
Sweet Cherries Harvested	88	77	96	70
Tart Cherries Harvested	17	15	68	33
Item	Crop Development			
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>
Corn Height	60	51	39	44

Utah Soil Climate Analysis Network - July 22, 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	0.00	78	0	7	13	17	17	77	82	79	71	66
Park Valley	<i>Box Elder</i>	8.2	0.04	81	1	6	13	37	29	76	80	80	73	67
Goshute	<i>Tooele</i>	6.3	0.21	78	12	0	51	39	29	76	79	80	73	67
Dugway	<i>Tooele</i>	6.1	0.00	84	19	33	40	nd	16	82	85	83	76	73
Tule Valley	<i>Millard</i>	5.1	0.01	86	8	11	27	16	13	86	93	95	90	83
Hal's Canyon	<i>Millard</i>	3.1	0.00	80	0	0	8	11	10	80	87	87	78	72
Enterprise	<i>Washington</i>	5.8	0.43	77	6	21	21	14	15	78	82	81	75	69
DIXIE														
Sand Hollow	<i>Washington</i>	4.8	0.08	85	1	1	0	1	0	89	91	90	86	81
NORTH CENTRAL														
Blue Creek	<i>Box Elder</i>	8.1	0.00	82	15	16	23	26	19	79	82	80	73	66
Cache Junction	<i>Cache</i>	10.7	0.04	76	15	15	27	27	27	70	71	68	65	58
Grantsville	<i>Tooele</i>	7.9	0.15	82	1	15	27	29	nd	85	85	82	73	nd
SOUTH CENTRAL														
Nephi	<i>Juab</i>	7.6	0.73	79	22	20	15	8	6	77	78	78	72	67
Ephraim	<i>Sanpete</i>	7.1	0.19	72	9	10	15	15	34	66	68	68	62	59
Holden	<i>Millard</i>	6.4	0.23	82	5	5	5	13	15	83	85	83	77	71
Milford	<i>Beaver</i>	5.0	0.00	79	5	13	17	31	19	90	89	83	76	69
Manderfield	<i>Beaver</i>	7.4	0.02	72	4	14	13	12	6	72	76	76	70	65
Circleville	<i>Piute</i>	5.4	0.21	74	7	4	6	10	9	78	77	77	68	64
Panguitch	<i>Garfield</i>	4.3	0.01	66	13	27	14	22	26	69	70	69	64	58
Cave Valley	<i>Washington</i>	10.3	0.09	70	4	0	1	0	0	72	78	80	72	68
Vermillion	<i>Kane</i>	6.3	0.99	72	0	6	2	4	8	70	72	75	69	64
Spooky	<i>Kane</i>	3.8	0.21	80	2	1	3	12	2	84	83	83	78	75
NORTHERN MOUNTAINS														
Chicken Ridge	<i>Morgan</i>	7.9	0.09	73	0	12	3	11	4	68	69	69	71	58
Buffalo Jump	<i>Rich</i>	7.0	0.50	74	8	9	9	9	na	72	74	72	72	na
Morgan	<i>Morgan</i>	13.7	0.00	71	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
UINTAH BASIN														
Mountain Home	<i>Duchesne</i>	6.8	0.06	77	13	20	23	19	11	69	69	68	64	60
Little Red Fox	<i>Duchesne</i>	5.6	0.00	77	3	14	20	23	20	73	80	80	73	68
Split Mountain	<i>Uintah</i>	4.7	0.00	80	1	12	12	16	14	89	90	90	82	74
SOUTHEAST														
Price	<i>Carbon</i>	5.5	0.00	80	1	9	15	18	21	81	84	84	76	71
Green River	<i>Emery</i>	3.0	0.15	83	4	7	9	6	10	89	91	91	86	80
Harm's Way	<i>San Juan</i>	7.2	1.65	72	18	0	25	15	6	71	67	73	70	67
West Summit	<i>San Juan</i>	5.2	1.86	72	23	28	20	16	18	74	76	78	71	67
Eastland	<i>San Juan</i>	4.4	0.66	72	10	11	8	25	23	71	73	74	70	67
Alkali Mesa	<i>San Juan</i>	6.1	0.64	73	12	20	15	19	14	70	68	76	74	71
McCracken Mesa	<i>San Juan</i>	5.4	0.22	72	11	11	13	17	14	80	86	86	74	75

*s 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>