



# Utah Crop Progress & Conditions

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Issue 20 Week Ending July 25, 2010

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## Agricultural Summary

Days suitable for fieldwork were 6.8. Hot and dry weather conditions prevailed in most regions, but there were also significant thunderstorms in eastern and southeastern parts of the state. Topsoil moisture was rated 8 percent very short, 39 percent short, and 53 percent adequate.

## Field Crops Summary

**Box Elder County** temperatures were normal to above normal and conditions were dry. Farmers continued to harvest alfalfa and other hay. Second crop alfalfa appears light due to the jump in temperatures after first crop was delayed due to cool weather. Farmers were irrigating corn, which has grown rapidly in the last week due to increased temperatures. Producers expect the crop to begin tasseling soon. Barley harvesting has begun, wheat harvest to begin soon. Some dry land wheat producers are concerned about yields because of the recent dry weather. Fruit harvest is under way, but apricot and cherry production is down because of spring frosts. Peach production looks good and some early varieties should start ripening soon. **Cache County** weather continues to be hot and dry. Some irrigation companies are already limiting water usage. Growers have reported aphids in second crop alfalfa. Wheat and barley harvest to begin soon. Grasshopper numbers have increased and property owners will likely organize soon in an attempt to control the grasshopper population. **Morgan County** hot weather has growers scrambling to keep up on irrigation. Second crop alfalfa has not received rain damage. **Tooele County** producers are planning to spray for grasshoppers this week. **Weber County** second crop alfalfa was harvested without any damage. Corn is benefitting from the hot weather; however, several weeks of good growing conditions are needed. **Millard County** corn height has tripled with the warmer weather. **Sevier County** continues to struggle with crop delays due to the cool, wet spring. **Utah County** crop conditions are good. Second crop alfalfa and grain crops are being harvested. Winter wheat yield looks better than predicted. Sweet cherry harvest is winding up and tart cherry harvest is well under way. Peach crop looks to be good at this time. **Duchesne County** received some considerable moisture in certain parts of the county. Some areas flooded and homes were threatened, but no damage to crops has been reported. Corn and grain are benefitting from the warm temperatures. Water supplies are still adequate in most areas. **Emery County** experienced continued hot and dry conditions. Crops are doing well and irrigation water appears adequate. **San Juan County** thunderstorms have provided welcome rain to most of the county. Winter wheat harvest is projected to be a week to 10 days away. **Summit County** farmers are continuing to cut and bale grass hay. **Beaver County** crops are doing well. Second crop alfalfa harvest is just beginning. Grasshoppers and Mormon crickets are infesting some parts of the county. Irrigation supplies are better than average. **Garfield/Kane Counties** have received a few very spotty thunder showers.

## Livestock Summary

**Box Elder County** livestock are doing well, but some livestock water sources are beginning to dry up. Producers will need to haul water to be able to use available feed. **Cache County** hot, dry weather has led to some outbreaks of pinkeye in beef and dairy cattle. Ranchers are

## Crop Progress for Week Ending July 25, 2010

Item	Current Week	Previous Week	Previous Year	5 Year Average
	Percent	Percent	Percent	Percent
Barley Harvested (Grain)	5	NA	7	NA
Oats Headed Stage	89	80	94	89
Oats Harvested Silage/Hay	67	56	78	74
Spring Wheat Harvested	5	NA	NA	NA
Winter Wheat Harvested	13	NA	16	25
Corn Silk Stage	20	NA	30	28
Alfalfa Second Cutting	49	31	54	63
Other Hay Cut	86	82	75	79
Apricots Harvested	47	30	84	84
Sweet Cherries Harvested	86	61	98	90
Tart Cherries Harvested	32	20	38	64

## Crop & Livestock Condition for Week Ending July 25, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	0	6	25	59	10
Spring Wheat	1	5	17	53	24
Winter Wheat	0	11	22	47	20
Barley	0	1	14	59	26
Oats	0	1	11	75	13
Corn	0	1	21	69	9
Sheep	0	1	7	77	15
Cattle/calves	0	1	10	73	16

## Soil Moisture for Week Ending July 25, 2010

Item	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	8	39	53	0
Subsoil	9	31	60	0
Irrigation water supplies	4	18	74	4
Stock water supplies	5	17	73	5

monitoring their cattle closely. **Millard County** pasture conditions are deteriorating due to the hot weather. **Utah County** range is in good condition, but the county could use some storms. **Duchesne County** livestock continues to be in good condition. The summer rainstorms have helped to provide more forage for grazing. **Emery County** ranges are becoming very dry due to the lack of good, summer thundershowers. Mountain grazing is currently in good condition, but rainstorms are needed as the mountains are drying very rapidly. Cattle and sheep are doing well. **Summit County** hot, dry weather has dried range feed for livestock producers. **Beaver County** livestock are doing well.

## Utah Soil Climate Analysis Network - July 26, 2010

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>				
<b>WESTERN</b>														
Grouse Creek	<i>Box Elder</i>	<u>2.3</u>	0.00	75	1	6	nd	20	26	73	79	74	71	67
Park Valley	<i>Box Elder</i>	<u>4.0</u>	0.00	78	2	0	13	29	27	79	84	83	75	67
Goshute	<i>Tooele</i>	<u>5.6</u>	0.00	76	5	20	17	31	31	77	79	80	74	67
Dugway	<i>Tooele</i>	6.9	0.00	83	27	37	41	nd	0	83	85	82	75	73
Tule Valley	<i>Millard</i>	<u>3.2</u>	0.00	86	5	9	24	13	9	89	96	96	89	82
Hal's Canyon	<i>Millard</i>	<u>1.7</u>	0.00	80	1	0	9	9	10	82	89	89	78	71
Enterprise	<i>Washington</i>	8.3	0.00	75	4	22	23	14	15	83	85	83	78	70
<b>DIXIE</b>														
Sand Hollow	<i>Washington</i>	<u>5.6</u>	0.00	91	0	0	1	1	1	92	102	102	90	83
<b>NORTH CENTRAL</b>														
Blue Creek	<i>Box Elder</i>	7.0	0.00	78	9	15	24	26	24	81	83	81	74	65
Cache Junction	<i>Cache</i>	3.8	0.00	72	13	20	26	26	30	73	73	70	65	59
Grantsville	<i>Tooele</i>	9.2	0.00	80	1	6	26	26	25	81	85	83	75	69
<b>SOUTH CENTRAL</b>														
Nephi	<i>Juab</i>	10.0	0.02	78	8	15	15	8	4	85	85	83	76	69
Ephraim	<i>Sanpete</i>	5.1	0.10	72	2	9	16	15	30	70	76	74	67	62
Holden	<i>Millard</i>	8.0	0.46	81	4	5	5	12	14	81	82	81	76	70
Milford	<i>Beaver</i>	8.2	0.00	76	6	17	17	28	18	89	86	80	73	66
Manderfield	<i>Beaver</i>	<u>1.5</u>	0.15	72	2	11	14	12	6	78	81	79	73	65
Circleville	<i>Piute</i>	nd	nd	73	10	10	15	13	13	71	71	73	64	60
Panguitch	<i>Garfield</i>	<u>3.2</u>	0.25	68	8	19	15	21	28	69	71	68	64	58
Cave Valley	<i>Washington</i>	<u>2.7</u>	0.00	76	0	0	0	1	1	79	85	85	74	70
Vermillion	<i>Kane</i>	<u>1.3</u>	0.63	74	1	6	2	4	9	69	74	76	69	64
Spooky	<i>Kane</i>	<u>1.3</u>	0.24	79	2	2	4	15	3	86	85	83	76	72
<b>NORTHERN MOUNTAINS</b>														
Chicken Ridge	<i>Morgan</i>	10.7	0.02	72	1	2	7	6	9	60	60	60	60	69
Buffalo Jump	<i>Rich</i>	9.7	0.14	72	5	11	12	12	-	76	77	74	67	-
Morgan	<i>Morgan</i>	13.8	0.09	70	4	14	20	11	8	70	70	70	67	64
<b>UINTAH BASIN</b>														
Mountain Home	<i>Duchesne</i>	7.6	0.00	72	24	35	39	20	13	68	68	67	63	60
Little Red Fox	<i>Duchesne</i>	<u>4.1</u>	0.04	77	1	31	47	50	62	76	82	80	73	67
Split Mountain	<i>Uintah</i>	<u>4.8</u>	0.64	79	6	25	15	14	12	79	81	84	76	70
<b>SOUTHEAST</b>														
Price	<i>Carbon</i>	4.0	0.17	79	0	8	15	18	20	82	86	85	78	72
Green River	<i>Emery</i>	4.2	0.02	83	4	7	8	6	11	96	99	100	90	83
Harm's Way	<i>San Juan</i>	<u>3.8</u>	0.83	69	6	9	16	17	7	70	64	72	70	66
West Summit	<i>San Juan</i>	5.1	0.69	69	18	23	14	17	25	73	75	76	69	65
Eastland	<i>San Juan</i>	6.3	0.35	68	9	11	9	25	28	72	74	74	68	64
Alkali Mesa	<i>San Juan</i>	8.3	0.29	70	6	8	15	20	15	72	74	75	72	69
McCracken Mesa	<i>San Juan</i>	5.8	0.04	76	7	10	13	19	15	83	88	88	78	75

\*since October 1, 2009 unless underlined (Park Valley 1/14/10; Goshute 3/1/10; Tule Valley 3/8/10; Hal's Canyon 3/9/10; Sand Hollow 1/27/10; Panguitch 1/25/10; Little Red Fox 1/20/10; Split Mountain 1/19/10; Harm's Way 3/3/10; Cave Valley 4/12/10; Vermillion 4/13/10; Spooky 4/14/10; Manderfield 4/16/10, Grouse Creek 5/4/10), <sup>nd</sup> missing data.

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