



Utah Crop Progress & Conditions

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Issue 19 Week Ending July 18, 2010

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Agricultural Summary

Days suitable for fieldwork were 7.0. The state experienced hot and dry weather, with isolated thunderstorms. Topsoil moisture was rated 2 percent very short, 41 percent short and 57 percent adequate.

Field Crops Summary

Box Elder had a week of normal to above normal temperatures, with temperatures reaching the upper 90's. No precipitation was recorded. The weather has been excellent for putting up second crop hay. Irrigated grain is in the hard dough stage. Farmers continued to irrigate corn and alfalfa. Production for second crop has been light as temperatures changed from cool to normal or above. Most of the crop is being baled, but some producers are green chopping the crop and putting it into silage pits to speed up the turnaround time on third crop. Demand for alfalfa is poor as many livestock producers had carry over hay from last year. Winter wheat and barley have really made progress in turning ripe during the past week. Some fall barley fields have been harvested for grain. Producers should begin harvesting irrigated wheat in the next 10 days to 2 weeks. Wheat harvest should begin in the next week or two in the Snowville area. Some producers have reported a disease in the wheat called "take all". The plants started turning white and dying before maturity. Crop adjustors are adjusting the fields at 6 to 10 bushel of wheat. Grasshoppers are beginning to be a problem in the Northern and Western part of the county with Snowville, Hansel Valley, and Plymouth areas having serious infestations. **Sevier County** crops seem to be 10 days behind normal. **Utah County** second crop hay harvest is well under way. Sweet cherry harvest is over 50 percent complete and looks to be fairly good. Tart cherry harvest will begin within the next 10 days. Winter wheat producers are preparing to begin harvest shortly. Some irrigated barley has already been cut. **Emery County** experienced some spotty, heavy; thundershowers which brought rain to both mountain and valley locations. No damage was reported to crops from severe wind and weather. Irrigation continues, with most crops looking very good. **San Juan County** winter wheat yields will be down this year due to poor standing establishment last fall. Cutworms are a serious problem in the safflower, sunflower, and dry bean crops. Soil moisture is good, but all crop yields will likely be down this year. Dryland alfalfa yields are excellent this year, with yields above average.

Livestock Summary

Box Elder County livestock are in good condition. At this time, there seems to be ample feed and water supplies for livestock. Grasshoppers have been a problem in some areas. Some producers in the Howell area joined together and sprayed about 1,000 acres with the product Dimilin which is a growth regulator that keeps the young grasshoppers from molting. Grasshoppers are also a problem in **Tooele County**. Producers have sprayed insecticide once and are preparing to spray a second time. **Utah County** livestock and ranges are in good condition. **Emery County** livestock continue to do well on mountain ranges; however, producers have noted that there is a shortage of water for livestock. **San Juan County** ranges and pastures are in good condition.

Crop Progress for Week Ending July 18, 2010

Item	Current Week	Previous Week	Previous Year	5 Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Oats Headed Stage	80	69	90	84
Oats Harvested Silage/Hay	56	NA	67	64
Spring Wheat Headed	97	91	83	93
Alfalfa Second Cutting	31	10	39	48
Other Hay Cut	82	79	68	75
Apricots Harvested	30	7	67	66
Sweet Cherries Harvested	61	26	90	77
Tart Cherries Harvested	20	NA	29	41

Crop & Livestock Condition for Week Ending July 18, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Range & Pasture	0	5	19	68	8
Spring Wheat	1	3	21	59	16
Winter Wheat	0	15	24	47	14
Barley	0	1	17	63	19
Oats	0	1	14	72	13
Corn	0	3	22	69	6
Sheep	0	1	10	68	21
Cattle/calves	0	1	12	73	14

Soil Moisture for Week Ending July 18, 2010

Item	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	2	41	57	0
Subsoil	2	29	69	0
Irrigation water supplies	2	9	84	5
Stock water supplies	4	11	79	6

Utah Soil Climate Analysis Network - July 16, 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>				
WESTERN														
Grouse Creek	<i>Box Elder</i>	<u>2.3</u>	0.00	71	2	8	8	22	27	73	78	74	68	64
Park Valley	<i>Box Elder</i>	<u>4.0</u>	0.02	73	0	0	14	25	27	74	80	80	71	65
Goshute	<i>Tooele</i>	<u>5.6</u>	0.10	71	7	21	38	37	48	70	75	78	71	64
Dugway	<i>Tooele</i>	6.9	0.00	78	26	37	41	nd	16	81	82	80	73	71
Tule Valley	<i>Millard</i>	<u>3.2</u>	0.00	81	5	9	25	13	9	84	91	92	85	79
Hal's Canyon	<i>Millard</i>	<u>1.7</u>	0.01	82	1	0	10	9	9	82	89	89	76	68
Enterprise	<i>Washington</i>	8.3	0.12	76	4	23	23	14	15	82	83	81	74	67
DIXIE														
Sand Hollow	<i>Washington</i>	<u>5.6</u>	0.00	92	0	0	1	1	0	83	99	100	87	80
NORTH CENTRAL														
Blue Creek	<i>Box Elder</i>	7.0	0.02	73	10	16	24	27	24	77	80	78	70	63
Cache Junction	<i>Cache</i>	3.8	0.00	67	15	21	27	27	30	69	69	66	62	57
Grantsville	<i>Tooele</i>	9.2	0.00	76	2	6	27	25	25	79	82	81	72	67
SOUTH CENTRAL														
Nephi	<i>Juab</i>	10.0	0.02	74	9	16	15	9	3	82	83	80	72	65
Ephraim	<i>Sanpete</i>	5.0	0.17	71	3	10	16	15	30	68	73	71	63	59
Holden	<i>Millard</i>	7.6	0.00	77	2	4	5	12	13	82	83	80	74	68
Milford	<i>Beaver</i>	8.2	0.01	75	7	18	17	28	17	86	83	77	69	63
Manderfield	<i>Beaver</i>	<u>1.3</u>	0.02	72	2	12	15	12	6	78	82	79	70	62
Circleville	<i>Piute</i>	nd	nd	70	12	10	16	13	14	67	67	70	62	58
Panguitch	<i>Garfield</i>	<u>2.9</u>	0.33	69	7	20	15	22	27	68	70	67	62	57
Cave Valley	<i>Washington</i>	<u>2.7</u>	0.00	75	0	0	0	1	1	73	84	85	74	68
Vermillion	<i>Kane</i>	<u>0.6</u>	0.03	80	0	0	2	4	9	75	81	77	68	63
Spooky	<i>Kane</i>	<u>1.1</u>	0.28	84	3	2	4	16	4	87	87	83	75	70
NORTHERN MOUNTAINS														
Chicken Ridge	<i>Morgan</i>	10.7	0.00	66	1	4	8	9	10	57	57	57	58	64
Buffalo Jump	<i>Rich</i>	9.6	0.00	67	7	11	12	13	-	73	74	72	64	-
Morgan	<i>Morgan</i>	13.7	0.00	65	16	20	26	16	8	66	66	67	65	63
UINTAH BASIN														
Mountain Home	<i>Duchesne</i>	7.6	0.00	72	14	22	24	21	13	66	66	65	60	58
Little Red Fox	<i>Duchesne</i>	<u>4.0</u>	0.01	74	1	31	55	50	61	71	78	76	69	63
Split Mountain	<i>Uintah</i>	<u>4.0</u>	0.00	78	2	17	15	15	12	78	83	85	75	69
SOUTHEAST														
Price	<i>Carbon</i>	3.8	0.04	79	0	8	15	18	20	83	86	84	75	70
Green River	<i>Emery</i>	4.2	0.00	84	4	7	8	6	11	94	97	97	87	80
Harm's Way	<i>San Juan</i>	<u>2.9</u>	0.02	77	6	0	17	18	8	81	78	77	71	64
West Summit	<i>San Juan</i>	4.4	0.07	77	7	12	15	18	27	76	78	77	69	64
Eastland	<i>San Juan</i>	6.0	0.37	76	10	12	10	25	30	73	75	74	67	62
Alkali Mesa	<i>San Juan</i>	8.0	0.17	83	7	8	16	20	15	76	77	76	71	66
McCracken Mesa	<i>San Juan</i>	5.8	0.05	85	6	10	14	18	16	85	89	88	77	73

*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), nd 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>