



Utah Crop Progress & Conditions

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Issue 17 Week Ending June 30th, 2013

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Agricultural Summary

For the week ending June 30, 2013 there were 7.0 days suitable for fieldwork. In **Box Elder County** a high pressure system moved over the area towards the end of the week bringing in near record high temperatures with it. **Cache County** reports that unusually hot weather is having an adverse impact on crops and cattle. Growers are irrigating steadily, but are faced with limited irrigation water. Some growers are already forced with the decision of neglecting some crops while irrigating other acreages. **Garfield/Kane Counties** reporting extremely hot, dry, windy conditions. Irrigation supplies are disappearing. **Utah County** is reported as very dry.

Field Crop Summary

Box Elder County crops have progressed well. Corn looks really good in the county, but some producers are reporting it is a challenge to keep enough irrigation water on it to avoid stressing the plant. Winter wheat is in the final stages of maturity with many of the fields now ripening. Most irrigated producers report that they have irrigated the crop for the first time. Some of the dry land winter wheat looks fair, but there is concern about having enough moisture to fill the heads. Safflower is reported in various conditions throughout the county, with some fields looking better than others. **Cache County** farmers are concerned with the expanding number of grasshoppers in the county. Growers are also concerned about spider mites in corn. **Morgan County** reports good yields and quality on first cutting of hay. **Summit County** farmers are in full swing cutting and baling alfalfa and grass hay. **Weber County** reports that the sweet cherry crop is very light with heavy cherry fruit fly pressure. Good first crop alfalfa with very little rain damage.

Livestock Summary

Box Elder County reports that pasture and range are beginning to suffer with hot temperatures and lack of precipitation. High elevation pastures are beginning to show stress. Ranchers are voicing concern that there was no precipitation in June on summer rangelands. This could create a situation for many ranchers where they may need to move their cows off summer range earlier than normal. **Cache County** range and pasture conditions are dwindling quickly. Already growers are concerned about having adequate feed to take them through the summer. Flies are also becoming a concern and there are reports of pinkeye. **Garfield/Kane Counties** report that ranges and pastures are drying up and disappearing. **Summit County** reports that the majority of the livestock have been moved to summer ranges.

Crop & Livestock Condition for Week Ending June 30, 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	38	36	0
Spring Wheat	3	7	24	53	13
Winter Wheat	1	17	36	35	11
Barley	0	1	22	57	20
Oats	0	1	34	60	5
Corn	0	0	17	70	13
Sheep	0	1	31	64	4
Cattle/calves	0	2	26	69	3

Soil Moisture for Week Ending June 30, 2013

Item	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	29	42	29	0
Subsoil	23	44	33	0
Irrigation water supplies	19	41	40	0
Stock water supplies	16	29	55	0

Crop Progress & Development, Livestock Activity for Week Ending June 30, 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>
Barley Headed Stage	92	82	92	77
Oats Headed Stage	81	60	75	54
Spring Wheat Headed	88	65	90	56
Alfalfa First Cutting	97	91	96	91
Other Hay Cut	72	61	68	54
Item	Crop Development			
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>
Corn Height	27	19	27	19
Alfalfa Height	22	21	NA	18

Utah Soil Climate Analysis Network - July 1, 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>	6.5	0.16	80	0	8	14	17	17	77	79	75	66	62
Park Valley	<i>Box Elder</i>	7.1	0.01	84	1	0	13	28	25	82	85	80	71	64
Goshute	<i>Tooele</i>	5.7	0.00	79	6	0	52	36	36	76	82	82	73	64
Dugway	<i>Tooele</i>	4.8	0.00	86	15	30	40	nd	14	80	82	82	73	70
Tule Valley	<i>Millard</i>	4.9	0.00	87	7	12	25	18	12	86	94	95	89	81
Hal's Canyon	<i>Millard</i>	3.1	0.00	85	1	0	9	11	10	83	88	87	76	68
Enterprise	<i>Washington</i>	5.0	0.00	79	4	21	22	14	15	82	82	81	73	65
DIXIE														
Sand Hollow	<i>Washington</i>	4.0	0.00	95	0	0	1	1	0	98	101	98	86	79
NORTH CENTRAL														
Blue Creek	<i>Box Elder</i>	7.1	0.05	84	10	16	24	26	20	81	82	79	71	62
Cache Junction	<i>Cache</i>	10.4	0.01	78	16	16	27	27	29	69	69	65	61	54
Grantsville	<i>Tooele</i>	7.1	0.00	84	0	13	26	30	nd	87	87	82	71	nd
SOUTH CENTRAL														
Nephi	<i>Juab</i>	6.3	0.00	83	9	15	16	8	6	80	81	80	72	64
Ephraim	<i>Sarpete</i>	6.1	0.00	79	3	8	15	15	34	68	69	67	59	55
Holden	<i>Millard</i>	5.7	0.00	84	2	4	5	12	15	87	88	84	76	68
Milford	<i>Beaver</i>	4.9	0.00	80	5	15	19	31	18	89	87	80	72	65
Manderfield	<i>Beaver</i>	6.3	0.17	78	1	10	13	12	6	75	78	75	68	62
Circleville	<i>Piute</i>	4.7	0.03	74	6	3	6	10	9	80	81	78	67	61
Panguitch	<i>Garfield</i>	2.6	0.02	70	2	16	13	21	25	70	71	69	63	56
Cave Valley	<i>Washington</i>	9.9	0.00	79	4	1	1	0	1	82	82	82	71	66
Vermillion	<i>Kane</i>	4.9	0.03	81	0	0	2	4	8	71	77	75	68	63
Spooky	<i>Kane</i>	3.4	0.00	83	2	0	4	12	2	88	87	83	77	73
NORTHERN MOUNTAINS														
Chicken Ridge	<i>Morgan</i>	7.5	0.00	73	0	13	6	12	6	67	68	68	73	55
Buffalo Jump	<i>Rich</i>	6.2	0.00	75	5	11	11	10	na	76	77	74	74	na
Morgan	<i>Morgan</i>	13.2	0.00	73	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
UINTAH BASIN														
Mountain Home	<i>Duchesne</i>	5.9	0.15	73	14	21	24	21	13	66	66	65	61	57
Little Red Fox	<i>Duchesne</i>	5.0	0.00	77	2	14	21	24	20	78	83	82	72	65
Split Mountain	<i>Uintah</i>	4.5	0.00	78	1	13	14	15	13	87	88	86	78	70
SOUTHEAST														
Price	<i>Carbon</i>	4.7	0.00	82	0	8	15	17	22	80	83	82	75	69
Green River	<i>Emery</i>	2.8	0.00	83	3	7	10	6	10	86	89	90	83	76
Harm's Way	<i>San Juan</i>	6.5	0.00	78	4	0	14	15	7	84	81	81	73	65
West Summit	<i>San Juan</i>	3.0	0.00	77	4	10	15	16	18	79	82	81	72	65
Eastland	<i>San Juan</i>	3.5	0.00	77	8	11	9	25	26	75	76	76	69	64
Alkali Mesa	<i>San Juan</i>	4.5	0.01	81	4	6	15	20	14	79	78	78	73	68
McCracken Mesa	<i>San Juan</i>	5.1	0.06	79	7	10	13	18	13	80	84	84	73	71

*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>