



Utah Crop Progress & Conditions

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Issue 07 Week Ending April 21, 2013

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Agricultural Summary

For the week ending April 21 2013, there were a reported 4.6 days suitable for fieldwork. **Beaver County** operators are optimistic about moisture received at this point. In **Box Elder County** the weather last week was very cold with morning temperatures near 20 degrees every day. Colder spots were reported overnight with temperatures in the low teens. A storm passed through the county during the weekend, but less than one quarter inch was measured. This helps a little but larger storms that would take moisture further into the ground would be most helpful. **Carbon County** reports that a small amount of wet snow has helped maintain topsoil moisture. **Duchesne County** has received a good amount of moisture over the past couple of weeks, which has eased drought conditions somewhat. However, reservoirs that store irrigation water are still reported to be very low. **Iron County** had a wet storm last week which provided about an inch of precipitation. **Uintah County** reports that mountains and valleys have received some snow this week.

Field Crop Summary

Beaver County reports that cold weather is slowing down crop growth. In **Box Elder County** plant growth has been very minimal and even stunted in some cases. Alfalfa fields in the Riverside area have a white look to them due to frost damage. Many of the winter wheat fields look lighter green than normal. Farmers are hoping for a little sunshine and warmer temperatures to return wheat to a darker color. Many growers have decided to wait and allow soil temperatures to warm a little more before planting corn. Some dry farmers report fall wheat doesn't seem to be growing because of temperatures that dipped into the teens several nights this week. In **Duchesne County**, storms helped to add needed moisture to the ground which will help give crops a good start after spring planting. **Summit County** reports cold freezing temperatures have delayed farm planting work. Cooler temperatures have slowed plant growth in **Uintah County** as well.

Livestock Summary

Beaver County reports that livestock are looking good. **Box Elder County** calving is nearly complete and livestock producers continue to brand and doctor calves in preparation for spring turnout in early May. Sheep producers have been shearing their ewes, and many in the western part of the county have moved their ewes to higher pastures. In **Duchesne County**, snow storms brought concern for calves and lambs, but most seemed to be old enough and handled the weather well. Producers have reported an increase in sickness because of the storms, but this is to be expected. Many producers have been working and branding calves in preparation for turn out on summer range. The drought from last year has many producers looking to other states for summer grazing as local pastures are in rough shape, and are anticipating continued drought conditions this year. **Summit County** reports that calving season is almost finished with some reports of sick calves due to cold/wet weather.

Utah Climate

New to Utah Crop Weather is the Utah Soil Climate Analysis Network Report provided by the NRCS which includes temperature and moisture data for the state. Further report information can be found on their website <http://www.wcc.nrcs.usda.gov/scan/utah/utah.html>.

Crop & Livestock Condition for Week Ending April 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	5	24	44	25	2
Winter Wheat	3	11	30	48	8
Sheep	0	2	34	62	2
Cattle/calves	0	3	27	68	2

Crop Progress for Week Ending April 21, 2013

Item	Current Week	Previous Week	Previous Year	5 Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley Planted	60	45	90	62
Barley Emerged	14	5	59	25
Oats Planted	50	32	60	44
Oats Emerged	11	5	22	12
Spring Wheat Planted	70	61	96	64
Spring Wheat Emerged	15	9	65	25
Apricots Full Bloom	51	45	98	77
Peach Full Bloom	17	9	93	36
Sweet Cherries Full Bloom	15	NA	92	43

Soil Moisture for Week Ending April 21, 2013

Item	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	2	23	74	1
Subsoil	6	27	67	0
Stock water supplies	3	12	85	0

Livestock Percent for Week Ending April 21, 2013

Item	Current Week	Previous Week	Previous Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cows Calved	89	86	89	84
Sheep Moved to Summer Range	7	3	NA	NA
Sheep Sheared on Farm	74	63	84	58
Sheep Sheared on Range	59	42	65	51
Ewes Lambled on Farm	84	83	84	81
Ewes Lambled on Range	37	29	43	37

Utah Soil Climate Analysis Network - April 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"						
					in.					°F										
											volume %					°F				
WESTERN																				
Grouse Creek	<i>Box Elder</i>	4.7	0.18	42	11	21	23	28	28	42	45	46	43	44						
Park Valley	<i>Box Elder</i>	5.5	0.44	47	6	10	19	25	26	44	47	48	46	46						
Goshute	<i>Tooele</i>	4.6	0.17	47	17	4	37	30	34	46	49	52	46	45						
Dugway	<i>Tooele</i>	3.7	0.12	52	20	28	39	nd	12	51	55	55	50	49						
Tule Valley	<i>Millard</i>	4.6	0.81	54	19	21	25	22	11	53	60	62	57	52						
Hal's Canyon	<i>Millard</i>	2.6	0.61	51	8	14	17	10	8	51	56	58	50	49						
Enterprise	<i>Washington</i>	4.7	0.45	50	12	36	28	16	16	53	55	54	49	48						
DIXIE																				
Sand Hollow	<i>Washington</i>	3.8	0.23	64	1	2	0	1	0	61	65	68	63	61						
NORTH CENTRAL																				
Blue Creek	<i>Box Elder</i>	4.7	0.32	43	25	27	35	34	17	44	47	46	44	44						
Cache Junction	<i>Cache</i>	8.4	0.18	46	34	36	41	36	39	45	46	43	42	42						
Grantsville	<i>Tooele</i>	5.9	0.27	50	14	19	26	33	nd	52	53	51	49	nd						
SOUTH CENTRAL																				
Nephi	<i>Juab</i>	5.4	0.39	47	18	21	20	11	0	48	49	49	46	46						
Ephraim	<i>Sanpete</i>	5.1	0.59	44	17	22	31	27	33	43	44	44	41	42						
Holden	<i>Millard</i>	5.3	0.65	49	12	13	10	19	17	50	51	51	47	48						
Milford	<i>Beaver</i>	4.6	0.09	48	14	21	20	28	16	55	55	52	48	49						
Manderfield	<i>Beaver</i>	5.2	0.06	46	8	17	19	22	9	45	47	46	44	43						
Circleville	<i>Piute</i>	4.2	0.16	46	20	6	6	8	8	52	53	52	45	46						
Panguitch	<i>Garfield</i>	2.3	0.13	43	6	20	14	20	29	43	45	43	42	43						
Cave Valley	<i>Washington</i>	9.3	0.32	49	4	7	7	6	6	51	52	54	50	47						
Vermillion	<i>Kane</i>	4.6	0.00	52	0	6	6	11	8	48	51	53	49	46						
Spooky	<i>Kane</i>	2.8	0.18	56	3	3	5	11	2	61	60	58	54	54						
NORTHERN MOUNTAINS																				
Chicken Ridge	<i>Morgan</i>	6.6	0.35	38	25	28	18	24	19	33	34	34	38	37						
Buffalo Jump	<i>Rich</i>	5.7	0.25	40	18	24	22	21	na	39	40	40	39	na						
Morgan	<i>Morgan</i>	11.7	0.60	45	25	28	29	18	9	46	46	45	42	41						
UINTAH BASIN																				
Mountain Home	<i>Duchesne</i>	4.9	0.94	41	30	38	41	34	9	39	40	40	39	40						
Little Red Fox	<i>Duchesne</i>	4.3	1.37	47	17	30	37	34	33	42	47	47	44	43						
Split Mountain	<i>Uintah</i>	3.5	0.34	48	12	24	19	20	11	48	50	50	46	45						
SOUTHEAST																				
Price	<i>Carbon</i>	4.3	0.52	47	6	22	27	14	16	48	51	52	48	47						
Green River	<i>Emery</i>	1.9	0.08	52	10	12	13	5	8	54	56	57	53	52						
Harm's Way	<i>San Juan</i>	4.7	0.12	30	14	0	23	25	12	52	50	50	47	46						
West Summit	<i>San Juan</i>	2.6	0.05	45	20	25	24	24	17	44	46	48	42	43						
Eastland	<i>San Juan</i>	3.0	0.00	46	19	20	22	32	34	47	48	49	45	45						
Alkali Mesa	<i>San Juan</i>	4.2	0.04	51	11	14	19	19	12	50	50	51	48	47						
McCracken Mesa	<i>San Juan</i>	4.7	0.01	49	14	25	24	24	12	54	57	58	48	52						

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

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>