



United States Department of Agriculture
National Agricultural Statistics Service
Wyoming Crop Weather



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Month of March 2011

AGRICULTURAL SUMMARY: Winter/spring mix continues across Wyoming.

March temperatures for Wyoming were mixed with most of the State experiencing above normal temperatures. Most of the State had below normal precipitation. Lincoln County reports lots of snow on the ground which is making it tough on lambing and calving with the snow and mud. They also have flooding concerns. Big Horn County reports the continued moisture has delayed field work. Uinta county reports scattered snow cover. Converse County reports a need for moisture. Platte County reports farmers busy with field work and planting small grains. The NRCS SNOTEL site, as of March 28, showed a snow water equivalent statewide average of 111%, ranging from 103% of average in the Wind River drainage basin to 136% of average in the Upper North Platte drainage basin. Activities: feeding livestock, shearing farm flocks, lambing and calving, field work and planting. High temperatures ranged from the lower 40s to the mid 70s. Low temperatures ranged from minus 12 to 17 above.

SOIL MOISTURE SUPPLIES

	This Month	As of 2/28	Last Year	5-Yr Avg
Topsoil				
Very Short	1	7	0	9
Short	12	9	18	28
Adequate	83	84	79	61
Surplus	4	0	3	2

Subsoil

Very Short	6	11	5	21
Short	22	36	21	33
Adequate	72	53	74	45
Surplus	0	0	0	1

FIELD CROP REPORT: For the month of March, the average depth of snow cover was estimated at 1.70 inches, compared to 4.7 inches last month and 0.8 inches one year ago. Adequate or better topsoil moisture increased 3 points compared to February while adequate or better subsoil moisture increased 19 points from last month. Winter wheat condition was unchanged from last month with the percent rated adequate or better at 57. This is 35 points below the same time last year. Wind damage to winter wheat was up 19 from January, while freeze damage to winter wheat was up 24 points from last month. Barley and oats planted were both rated at 4 percent compared to 24 and zero last year.

CROP PROGRESS TABLE

Item	This Week	Last Year	5-Yr Avg
Barley Planted	4	24	24
Oats Planted	4	0	1
Spring Wheat Planted	2	5	3

CROP CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Winter Wheat	0	0	43	55	2

LIVESTOCK, PASTURE AND RANGE REPORT: Shearing of farm flocks was estimated at 39 percent, even with last year. Shearing of range flocks was rated at 18 percent 14 points behind last year. Farm flock lambing was 6 points ahead of last year at 45 percent while range flock lambing was 6 points behind last year at 5 percent. Forty-one percent of spring calves have hit the ground. Calf and lamb losses remained positive with the majority of losses estimated as normal. Both cattle and sheep in good or better condition were down 4 compared to February. Range and pasture condition was rated at 65 percent good or better. Stock water supplies rated adequate or better were up 2 from last month at 96 percent.

LIVESTOCK PROGRESS TABLE

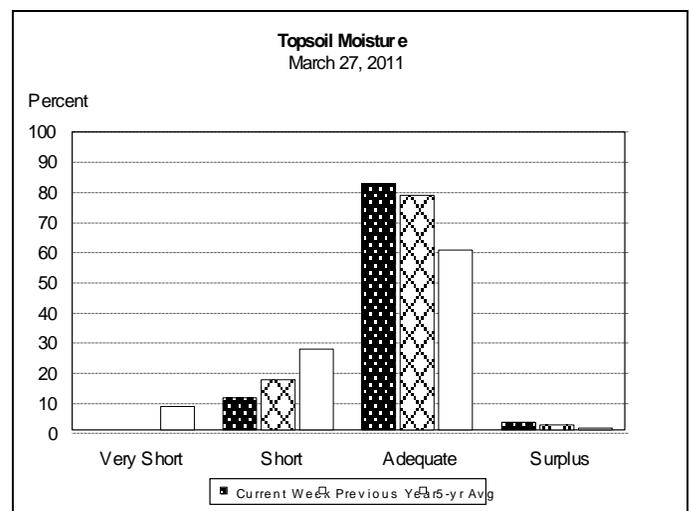
	This Month	As of 2/28	Last Year	5-Yr Avg
Spring Calves Born	41	9	37	46
Farm Flock Ewes Lambed	45	23	39	48
Farm Flock Sheep Shorn	39	24	39	47
Range Flock Ewes Lambed	5	0	11	8
Range Flock Sheep Shorn	18	0	32	19

STOCK WATER SUPPLIES

	This Month	As of 2/28	Last Year	5-Yr Avg
Very Short	0	1	0	7
Short	4	5	11	20
Adequate	92	94	88	73
Surplus	4	0	1	0

HAY & ROUGHAGE SUPPLIES

	This Month	As of 2/28	Last Year	5-Yr Avg
Very Short	1	4	0	3
Short	19	16	6	19
Adequate	79	79	91	73
Surplus	1	4	3	5



WEATHER SUMMARY: Monthly air temperatures averaged at or below normal at 13 of the 33 reporting stations. Temperature averages ranged from 6 degrees below normal at Big Piney to 6 degrees above normal at Laramie and Cheyenne. The high temperature for the state was 74 degrees at Torrington, while a state low of 12 degrees below zero was recorded at Big Piney. Jackson Hole received the most precipitation for the month with 1.98 inches, 0.52 inches above normal for the reference month, and putting them 0.93 inch below normal for cumulative precipitation since January 1, 2011. Jackson Hole has received the most cumulative precipitation since January 1, at 5.20 inches of precipitation. Twenty stations recorded below normal precipitation for the month and nineteen are below normal for cumulative precipitation since January 1, 2011. Eight of those stations are already 0.40 inches or more behind normal.

Weather Data for the Month Ending March 27, 2011 ^{1/}

	Monthly Air Temperature				Monthly Precipitation			Since Jan 1 Precipitation	
	Hi	Lo	Avg	DFN	Total Inches	Normal Inches	DFN	Total Inches	DFN
District 1									
Cody	55	4	34	-3	1.38	0.42	0.96	2.22	1.07
Dubois	51	11	30	0	0.86	0.35	0.51	1.80	0.91
Greybull	67	7	38	3	0.33	0.27	0.06	0.99	-0.09
Jeffrey City	58	13	32	2	0.26	0.73	-0.47	1.02	-0.47
Lake Yellowstone	52	-10	28	-2	1.75	0.96	0.79	3.62	1.14
Lander	62	16	37	3	0.24	1.04	-0.80	2.30	0.20
Powell	59	6	31	-4	0.12	0.27	-0.15	0.50	-0.07
Riverton	62	17	37	2	0.09	0.28	-0.19	0.94	0.28
Worland	68	0	37	0	0.35	0.38	-0.03	0.63	-0.22
District 2									
Big Horn	63	5	33	-2	0.74	0.84	-0.10	2.27	0.09
Buffalo-Johnson	62	6	36	3	0.37	0.60	-0.23	0.99	-0.45
Gillette	65	-3	36	2	0.33	0.78	-0.45	1.49	-0.38
Mid-West	67	0	36	0	0.17	0.79	-0.62	0.80	-1.14
Newcastle	61	3	34	-1	0.70	0.63	0.07	2.31	0.66
Sheridan	62	-1	36	3	0.77	0.70	0.07	1.77	0.18
Sundance	55	-2	33	1	0.91	0.77	0.14	2.97	0.83
District 3									
Big Piney	43	-12	20	-6	0.13	0.51	-0.38	0.93	-0.37
Evanston	44	13	29	-2	0.49	0.77	-0.28	0.58	-1.49
Jackson Hole	45	3	28	4	1.98	1.46	0.52	5.20	-0.93
Thayne	48	6	28	2	1.81	1.24	0.57	4.38	0.44
District 4									
Casper	67	12	37	4	0.45	0.77	-0.32	1.85	-0.14
Laramie	63	15	34	6	0.36	0.67	-0.31	0.80	-0.71
Rawlins	58	17	34	1	0.18	0.54	-0.36	0.68	-0.94
Rock Springs	56	17	33	3	0.41	0.66	-0.25	0.72	-1.07
Shirley Basin	56	-7	24	0	0.66	0.42	0.24	1.85	0.67
District 5									
Buford	51	13	31	3	1.81	0.93	0.88	3.75	1.66
Cheyenne	68	11	39	6	0.65	0.89	-0.24	1.52	-0.26
Chugwater	69	12	38	4	0.71	0.85	-0.14	1.92	-0.08
Douglas	68	12	38	4	0.38	0.64	-0.26	1.22	-0.22
Lance Creek	67	2	35	0	0.59	0.60	-0.01	1.23	-0.03
Old Fort Laramie	71	9	38	2	0.36	0.46	-0.10	1.16	0.12
Torrington	74	8	41	5	0.66	0.57	0.09	1.21	-0.07
Wheatland	68	12	39	0	0.59	0.51	0.08	1.72	0.69

^{1/} Summary based on NWS data. DFN=Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Weather data prepared by AWIS, Inc. For more weather information visit www.awis.com or call 1-888-798-9955