



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



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Month of January 2011

AGRICULTURAL SUMMARY: Above average temperatures in January, despite bitter forecast for this week.

Temperatures, for the majority of Wyoming, were above normal despite the arctic blast expected this week. Weston County may have said it best when they reported up and down weather for the last couple of months with extreme temperature changes. Producers in that area are becoming concerned that hay supplies may begin running short depending on the rest of the winter. Similarly, Sweetwater County reported blizzards and snow pack resulting in producers having to feed more to keep range livestock going. Lincoln County also reported a tough winter thus far, with a lot of snow and cold. Platte County reported the dust being settled by January rain and snow. The majority of calving and lambing will start there in late February. The NRCS SNOTEL site, as of January 31, showed a snow water equivalent statewide average of 117%, ranging from 105% of average in the Shoshone drainage basin to 140% of average in the Upper Bear River drainage basin. High temperatures ranged from the high 30s to the low 60s. Low temperatures ranged from the low -30s to just below 0 degrees.

SOIL MOISTURE SUPPLIES

	This Month	As of 12/10	Last Year	5-Yr Avg
Topsoil				
Very Short	7	9	0	11
Short	19	26	13	30
Adequate	70	61	87	57
Surplus	4	4	0	2
Subsoil				
Very Short	11	10	9	26
Short	31	39	14	31
Adequate	56	51	77	42
Surplus	2	0	0	1

FIELD CROP REPORT: For the month of January, the average depth of snow cover was estimated at 1.90 inches with adequate or better topsoil moisture increasing 9 points compared to December. Adequate or better subsoil moisture also increased from December and remains above the 5-year average for this time of year. Winter wheat condition was up 7 points from December with the percent rated adequate or better at 56, 38 points behind the same time last year. Wind damage for winter wheat was up a bit from December, while freeze damage to winter wheat was down from December and well below the same time last year.

CROP CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Winter Wheat	0	0	44	55	1

WINTER WHEAT WIND DAMAGE

	This Month	As of 12/10	Last Year
None	59	67	53
Light	40	32	37
Moderate	1	1	10
Severe	0	0	0

WINTER WHEAT FREEZE DAMAGE

	This Month	As of 12/10	Last Year
None	93	91	59
Light	7	9	39
Moderate	0	0	2
Severe	0	0	0

LIVESTOCK, PASTURE AND RANGE REPORT: Shearing of farm flocks was estimated behind last year and the 5-year average. Calf and lamb losses remained positive with the majority of losses estimated as light. Cattle in good or better condition were down 4 compared to December, while sheep in good or better condition were only down 1. Stock water supplies were unchanged from December while hay & roughage supplies were down 6.

LIVESTOCK CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Cattle	0	1	14	84	1
Sheep	0	1	11	87	1

LIVESTOCK PROGRESS TABLE

	This Month	As of 12/10	Last Year	5-Yr Avg
Spring Calves Born	2	0	5	4
Farm Flock Ewes Lambed	3	0	3	7
Farm Flock Sheep Shorn	6	1	9	10

STOCK WATER SUPPLIES

	This Month	As of 12/10	Last Year	5-Yr Avg
Very Short	1	1	0	7
Short	11	11	8	20
Adequate	88	88	92	73
Surplus	0	0	0	0

HAY & ROUGHAGE SUPPLIES

	This Month	As of 12/10	Last Year	5-Yr Avg
Very Short	0	0	0	3
Short	7	1	8	18
Adequate	89	95	89	74
Surplus	4	4	3	5

WEATHER SUMMARY: Monthly air temperatures averaged above normal at 27 of the 33 reporting stations, with 15 percent of the stations averaging 5 degrees or more above normal. Temperatures ranged from 3 degrees below normal at Worland to 8 degrees above normal at Buffalo-Johnson. The high temperature for the state was 61 degrees at Torrington, while a state low of 33 degrees below zero was recorded at Shirley Basin. Jackson Hole received the most precipitation for the month with 2.01 inches, still 0.47 inches below normal for the reference month, and 0.47 inches below normal for cumulative precipitation since January 1, 2010. Nineteen stations recorded below normal precipitation for the month and are below normal for cumulative precipitation since January 1, 2011. Eight of those stations are already 0.25 inches or more behind normal.

Weather Data for the Month Ending January 30, 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	57	-15	28	4	0.47	0.45	0.02	0.47	0.02
Dubois	52	-12	24	3	0.27	0.27	0.00	0.27	0.00
Greybull	43	-18	17	3	0.29	0.46	-0.17	0.29	-0.17
Jeffrey City	44	-27	19	-2	0.14	0.40	-0.26	0.14	-0.26
Lake Yellowstone	43	-10	21	3	1.10	0.86	0.24	1.10	0.24
Lander	51	-13	24	4	0.51	0.51	0.00	0.51	0.00
Powell	47	-14	18	0	0.05	0.20	-0.15	0.05	-0.15
Riverton	49	-13	22	2	0.16	0.18	-0.02	0.16	-0.02
Worland	44	-19	15	-3	0.16	0.28	-0.12	0.16	-0.12
District 2									
Big Horn	57	-14	25	5	0.92	0.75	0.17	0.92	0.17
Buffalo-Johnson	53	-11	27	8	0.38	0.44	-0.06	0.38	-0.06
Gillette	47	-17	24	5	0.58	0.52	0.06	0.58	0.06
Mid-West	51	-18	23	2	0.26	0.52	-0.26	0.26	-0.26
Newcastle	52	-12	22	1	0.90	0.42	0.48	0.90	0.48
Sheridan	52	-15	25	6	0.66	0.50	0.16	0.66	0.16
Sundance	48	-14	23	4	1.50	0.66	0.84	1.50	0.84
District 3									
Big Piney	58	-31	12	3	0.24	0.44	-0.20	0.24	-0.20
Evanston	38	-12	20	1	0.00	0.66	-0.66	0.00	-0.66
Jackson Hole	43	-17	17	4	2.01	2.48	-0.47	2.01	-0.47
Thayne	43	-17	16	2	1.32	1.47	-0.15	1.32	-0.15
District 4									
Casper	49	-21	26	4	0.48	0.56	-0.08	0.48	-0.08
Laramie	44	-11	22	2	0.07	0.36	-0.29	0.07	-0.29
Rawlins	43	-12	23	0	0.18	0.54	-0.36	0.18	-0.36
Rock Springs	44	-11	22	4	0.02	0.60	-0.58	0.02	-0.58
Shirley Basin	46	-33	14	2	0.41	0.35	0.06	0.41	0.06
District 5									
Buford	46	-12	21	-1	0.79	0.55	0.24	0.79	0.24
Cheyenne	57	-1	29	4	0.13	0.44	-0.31	0.13	-0.31
Chugwater	55	-12	28	3	0.51	0.58	-0.07	0.51	-0.07
Douglas	56	-15	27	4	0.33	0.36	-0.03	0.33	-0.03
Lance Creek	54	-17	23	1	0.27	0.23	0.04	0.27	0.04
Old Fort Laramie	60	-11	26	1	0.23	0.22	0.01	0.23	0.01
Torrington	61	-7	30	6	0.18	0.30	-0.12	0.18	-0.12
Wheatland	56	-10	27	-2	0.23	0.21	0.02	0.23	0.02

^{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