



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



Wyoming Field Office
PO Box 1148 · Cheyenne, WY 82003
307-432-5600 • FAX 307-432-5598 • www.nass.usda.gov/wy

Released: Monday, February 28, 2011

Month of February 2011

AGRICULTURAL SUMMARY: Winter continues across Wyoming.

Average temperatures in February, across the state, were below normal. Campbell and Weston Counties reported their producers are feeding more hay than usual due to the cold temperatures and snow cover, raising concerns for hay supplies this spring and increased costs of production. Converse and Uinta Counties also reported uncharacteristically cold temperatures throughout the month; however the snow pack in both areas remains positive for the coming spring. The winter wheat in Platte County was reported mostly in good condition, but will still need some spring moisture. The NRCS SNOTEL site, as of February 28th, showed a snow water equivalent statewide average of 114 percent, well above the average of 73 percent this time last year. The current average ranges from 98 percent in the Shoshone drainage basin to 136 percent of average in the Upper Bear River drainage basin. High temperatures ranged from the upper 30s to the upper 60s. Low temperatures ranged from the upper -40s to the upper -10s.

SOIL MOISTURE SUPPLIES

	This Month	As of 1/31	Last Year	5-Yr Avg
Topsoil				
Very Short	7	7	0	10
Short	9	19	14	30
Adequate	84	70	85	57
Surplus	0	4	1	3

Subsoil

Very Short	11	11	8	24
Short	36	31	17	31
Adequate	53	56	75	43
Surplus	0	2	0	2

FIELD CROP REPORT: For the month of February, the average depth of snow cover was estimated at 4.70 inches, compared to 1.9 inches last month and 2.7 inches one year ago. Adequate or better topsoil moisture increased 10 points compared to January while adequate or better subsoil moisture decreased from last month. Winter wheat condition was up 2 points from last month with the percent rated adequate or better at 57. This is 37 points behind the same time last year. Wind damage for winter wheat was up 2 from January, while freeze damage to winter wheat was unchanged from last month and well below the same time last year.

CROP CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Winter Wheat	0	0	43	56	1

WINTER WHEAT WIND DAMAGE

	This Month	As of 1/31	Last Year
None	57	59	58
Light	42	40	33
Moderate	1	1	9
Severe	0	0	0

WINTER WHEAT FREEZE DAMAGE

	This Month	As of 1/31	Last Year
None	93	93	62
Light	7	7	35
Moderate	0	0	3
Severe	0	0	0

LIVESTOCK, PASTURE AND RANGE REPORT: Shearing of farm flocks was estimated ahead of last year and the 5-year average at 24 percent. Nine percent of spring calves and twenty three percent of farm flock lambs have hit the ground. Calf and lamb losses remained positive with the majority of losses estimated as normal. Cattle in good or better condition were up 2 compared to January, while sheep in good or better condition were unchanged. Range and pasture spring grazing prospects are positive with 60 percent rated good or better. Stock water supplies rated adequate or better were up 6 from last month while hay and roughage supplies with the same ratings were down 13 points from the previous month.

LIVESTOCK CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Cattle	0	1	12	86	1
Sheep	0	1	11	88	0

LIVESTOCK PROGRESS TABLE

	This Month	As of 1/31	Last Year	5-Yr Avg
Spring Calves Born	9	2	5	4
Farm Flock Ewes Lambled	23	3	3	7
Farm Flock Sheep Shorn	24	6	9	10

STOCK WATER SUPPLIES

	This Month	As of 1/31	Last Year	5-Yr Avg
Very Short	1	1	0	7
Short	5	11	8	20
Adequate	94	88	92	73
Surplus	0	0	0	0

HAY & ROUGHAGE SUPPLIES

	This Month	As of 1/31	Last Year	5-Yr Avg
Very Short	4	0	0	3
Short	16	7	8	18
Adequate	79	89	89	74
Surplus	4	4	3	5

CALF LOSSES

	This Month	As of 1/31	Last Year
Light	41	65	44
Normal	59	35	56
Heavy	0	0	0

WEATHER SUMMARY: Monthly air temperatures averaged below normal at all 33 reporting stations, with 91 percent of the stations averaging 5 degrees or more below normal. Temperature averages ranged from 13 degrees below normal at Worland to 1 degree below normal at Jackson Hole. The high temperature for the state was 67 degrees at Torrington, while a state low of 49 degrees below zero was recorded at Shirley Basin. Lander received the most precipitation for the month with 1.55 inches, 1.01 inches above normal for the reference month, and putting them 1.00 inch above normal for cumulative precipitation since January 1, 2011. Jackson Hole has received the most cumulative precipitation since January 1, but stills remains 1.45 inches below normal. Fifteen stations recorded below normal precipitation for the month and fourteen are below normal for cumulative precipitation since January 1, 2011. Six of those stations are already 0.40 inches or more behind normal.

Weather Data for the Month Ending February 28, 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	61	-20	21	-10	0.34	0.27	0.07	0.84	0.11
Dubois	52	-22	19	-6	0.95	0.26	0.69	1.23	0.69
Greybull	50	-30	14	-11	0.22	0.34	-0.12	0.66	-0.15
Jeffrey City	44	-34	14	-9	0.68	0.35	0.33	0.76	0.00
Lake Yellowstone	51	-24	16	-8	1.29	0.61	0.68	2.51	1.02
Lander	57	-20	19	-7	1.55	0.54	1.01	2.06	1.00
Powell	61	-19	14	-12	0.96	0.10	0.86	1.08	0.78
Riverton	57	-19	18	-9	0.69	0.19	0.50	0.85	0.47
Worland	53	-32	14	-13	0.12	0.19	-0.07	0.28	-0.19
District 2									
Big Horn	64	-21	19	-9	0.45	0.57	-0.12	1.53	0.19
Buffalo-Johnson	57	-17	21	-5	0.24	0.39	-0.15	0.62	-0.22
Gillette	50	-21	19	-9	0.57	0.55	0.02	1.16	0.07
Mid-West	56	-24	19	-9	0.49	0.61	-0.12	0.75	-0.40
Newcastle	56	-21	19	-9	0.63	0.58	0.05	1.61	0.59
Sheridan	63	-21	21	-5	0.26	0.38	-0.12	1.00	0.11
Sundance	50	-29	18	-7	0.59	0.66	-0.07	2.12	0.77
District 3									
Big Piney	38	-33	10	-6	0.56	0.34	0.22	0.80	0.01
Evanston	41	-17	19	-5	0.08	0.62	-0.54	0.09	-1.21
Jackson Hole	45	-26	17	-1	1.21	2.11	-0.90	3.22	-1.45
Thayne	44	-22	16	-4	1.25	1.15	0.10	2.57	-0.09
District 4									
Casper	53	-17	21	-6	0.86	0.64	0.22	1.40	0.18
Laramie	48	-38	18	-6	0.37	0.46	-0.09	0.44	-0.40
Rawlins	50	-35	19	-8	0.19	0.52	-0.33	0.50	-0.58
Rock Springs	47	-20	21	-2	0.28	0.52	-0.24	0.31	-0.82
Shirley Basin	54	-49	11	-6	0.57	0.39	0.18	1.17	0.41
District 5									
Buford	56	-31	20	-6	0.91	0.59	0.32	1.70	0.54
Cheyenne	60	-24	24	-5	0.74	0.44	0.30	0.87	-0.02
Chugwater	60	-24	24	-5	0.44	0.56	-0.12	1.02	-0.13
Douglas	63	-29	21	-8	0.43	0.42	0.01	0.84	0.04
Lance Creek	61	-26	20	-9	0.28	0.42	-0.14	0.62	-0.04
Old Fort Laramie	65	-24	21	-9	0.46	0.35	0.11	0.80	0.22
Torrington	67	-20	25	-6	0.36	0.40	-0.04	0.55	-0.16
Wheatland	61	-26	23	-10	0.45	0.28	0.17	0.75	0.25

^{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