



Wyoming Crop Progress

Cooperating with the Wyoming Department of Agriculture
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Month of December 2013

AGRICULTURAL SUMMARY: Below normal temperatures covered the State. According to NRCS Monday morning snow report, the snow water equivalent is at 119 percent compared to 88 percent last year. December's high temperatures ranged from 35 degrees at Lake Yellowstone to 62 degrees in Torrington. Low temperatures ranged from negative 31 degrees in Shirley Basin to negative 10 degrees in Evanston. Lake Yellowstone received the most precipitation for the month at 1.57 inches followed by Casper at 1.12 inches, and Big Horn and Evanston at 1.09 inches.

Lincoln County reported cold temperatures, but nothing unusual for this time of year. Uinta County reported mountain and valley snowpack is below normal for this time of year. Supplemental feeding is in full swing. Precipitation is needed county wide. Platte County reported no new crop calves or lambs being born yet. Hay production was adequate this year, but quality was spotty. Livestock producers that depend on purchased hay would have tight supplies on hand due to the high prices this year. Sheridan County reported heavy winds this past weekend and blizzard conditions. Crook County reported 1 to 1.5 feet of snow in the bear lodge hills and 2 to 2.5 feet in the Moskee area.

TOPSOIL MOISTURE SUPPLIES

	This Month	As of 11/24	Last Year	5-Yr Avg
Very Short	2	2	33	13
Short	12	12	32	41
Adequate	84	85	34	44
Surplus	2	1	1	2

SUBSOIL MOISTURE SUPPLIES

	This Month	As of 11/17	Last Year	5-Yr Avg
Very Short	2	2	34	11
Short	21	13	34	41
Adequate	77	84	29	46
Surplus	0	1	3	2

FIELD CROP REPORT: Topsoil moisture was rated 86 percent adequate to surplus, and 14 percent short to very short. Subsoil moisture was rated 77 percent adequate, and 23 percent short to very short. Sixty percent of the winter wheat crop has light wind damage. Only two percent of the crop has light freeze damage, unchanged from last month. The average depth of snow cover was reported at 2.60 inches.

CROP CONDITION TABLE

	Very Poor	Poor	Fair	Good	Excel
Winter Wheat	0	0	20	75	5

LIVESTOCK, PASTURE AND RANGE REPORT: Stock water supplies declined from last month to 1percent very short, 25 percent short, and 74 percent adequate. Hay and roughage supplies were rated 90 percent adequate, 1 percent surplus and only 7 percent short and 2 percent very short. Calf losses were reported as 62 percent light and 38 percent normal, lamb losses were reported as 66 percent light and 34 percent normal. Cattle condition was reported as 3 percent poor, 41 percent fair, 53 percent good and 3 percent excellent. Sheep condition was reported as 1 percent very poor, 5 percent poor, 43 percent fair, 50 percent good, and 1 percent excellent. Calving and lambing season has not started.

STOCK WATER SUPPLIES

	This Month	As of 11/10	Last Year	5-Yr Avg
Very short	1	2	8	2
Short	25	13	36	16
Adequate	74	83	56	82
Surplus	0	2	0	0

HAY AND ROUGHAGE SUPPLIES

	This Month	As of 11/24	Last Year	5-Yr Avg
Very short	2	1	3	1
Short	7	6	28	9
Adequate	90	90	68	88
Surplus	1	3	1	2

LIVESTOCK CONDITION TABLE

	Very Poor	Poor	Fair	Good	Excel
Cattle	0	3	41	53	3
Sheep	1	5	43	50	1

WEATHER SUMMARY: Average temperatures ranged from 10 degrees at Lake Yellowstone and Shirley Basin to 27 degrees in Cheyenne and Torrington. Temperatures were below normal in 30 of the 33 reporting stations. Temperatures ranged from 8 degrees below normal in Wheatland to 1 degree above normal in Torrington. All 33 reporting stations reported some precipitation, ranging from 0.05 inch in Torrington to 1.57 inches in Lake Yellowstone. Eighteen stations are reporting above normal precipitation for the year thus far.

Weather Data for the Month Ending December 29, 2013 ^{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	-22	23	-5	0.36	0.29	0.07	10.42	-0.38
Dubois	51	-21	18	-6	0.35	0.24	0.11	12.71	3.26
Greybull	54	-21	16	-3	0.15	0.30	-0.15	6.86	-0.64
Jeffrey City	46	-24	16	-5	0.72	0.43	0.29	12.69	2.04
Lake Yellowstone	35	-28	10	-4	1.57	1.56	0.01	20.29	0.01
Lander	52	-19	20	-2	0.69	0.58	0.11	16.14	2.75
Powell	58	-20	16	-5	0.08	0.14	-0.06	7.95	1.01
Riverton	59	-15	20	-3	0.28	0.19	0.09	9.36	1.55
Worland	54	-18	15	-6	0.16	0.23	-0.07	8.15	0.20
District 2									
Big Horn	60	-28	19	-4	1.09	0.62	0.47	18.15	3.49
Buffalo-Johnson	58	-22	22	-1	0.35	0.45	-0.10	11.48	-1.98
Gillette	56	-24	20	-2	0.64	0.54	0.10	19.37	2.88
Midwest	54	-19	19	-5	0.64	0.64	0	14.19	0.49
Newcastle	53	-14	19	-5	0.51	0.56	-0.05	22.91	6.89
Sheridan	57	-28	19	-4	0.96	0.46	0.50	18.60	4.22
Sundance	55	-25	18	-4	0.68	0.69	-0.01	21.60	2.86
District 3									
Afton	39	-16	13	-3	0.92	1.28	-0.36	16.70	-1.29
Big Piney	42	-23	12	-2	0.24	0.29	-0.05	4.71	-2.65
Evanston	44	-10	19	-3	1.09	0.63	0.46	6.15	-5.34
Jackson Hole	43	-20	14	0	0.52	2.30	-1.78	8.38	-13.02
District 4									
Casper	52	-22	22	-3	1.12	0.58	0.54	14.73	1.74
Laramie	50	-31	21	-1	0.30	0.44	-0.14	10.69	-0.66
Rawlins	44	-24	20	-5	0.41	0.45	-0.04	7.74	-1.96
Rock Springs	45	-19	20	-1	0.21	0.57	-0.36	3.97	-5.45
Shirley Basin	44	-31	10	-5	0.37	0.27	0.10	9.23	-0.77
District 5									
Buford	57	-18	22	-2	0.41	0.39	0.02	20.25	5.27
Cheyenne	60	-19	27	0	0.24	0.44	-0.2	16.90	1.47
Chugwater	60	-20	25	-2	0.61	0.61	0	19.05	3.33
Douglas	58	-18	22	-4	0.48	0.34	0.14	7.08	-5.48
Lance Creek	57	-17	19	-6	0.38	0.34	0.04	13.85	0.43
Old Fort Laramie	59	-21	23	-5	0.17	0.29	-0.12	12.89	-0.35
Torrington	62	-17	27	1	0.05	0.34	-0.29	12.59	-1.23
Wheatland	58	-19	23	-8	0.29	0.22	0.07	9.57	-3.41

^{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