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U. S. Department of Agriculture  
Statistical Reporting Service  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Economic Development  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 12/16/63

Week Ending 12/16/63

WEATHER Cold all week. Lowest temperatures of the season in the west Saturday morning when Chadron recorded 19° below zero. Coldest east Sunday morning when Omaha and Grand Island had -10° and Burwell -14°. Snow near the beginning of the period yielded 1 to 3 inches throughout the State. Considerable blowing and drifting was noted in northern and western areas.

CROPS Snow across the State during the week stopped field work and intensified livestock care. Though the snow halted field operations, this work was already well advanced as the continuous mild, open weather in late fall had permitted full scale work.

Some castor beans and a few corn fields are not harvested.

Winter wheat, barley and rye are in the dormant stage. The snow cover, although light, was helpful in protecting the plants from the extreme cold. Strong winds blew the snow off some fields. Additional snow cover would be beneficial to provide more protection and to furnish moisture later on. These crops drew heavily on soil moisture reserves earlier in the season and more moisture is needed for future use by the crop. Some wind damage occurred earlier in the week in late planted fields which had limited cover, especially those on lighter soils.

Winter ranges and pastures were snow covered, but the cover was light enough to permit some grazing. Corn stalks and milo stubble are providing a good amount of feed.

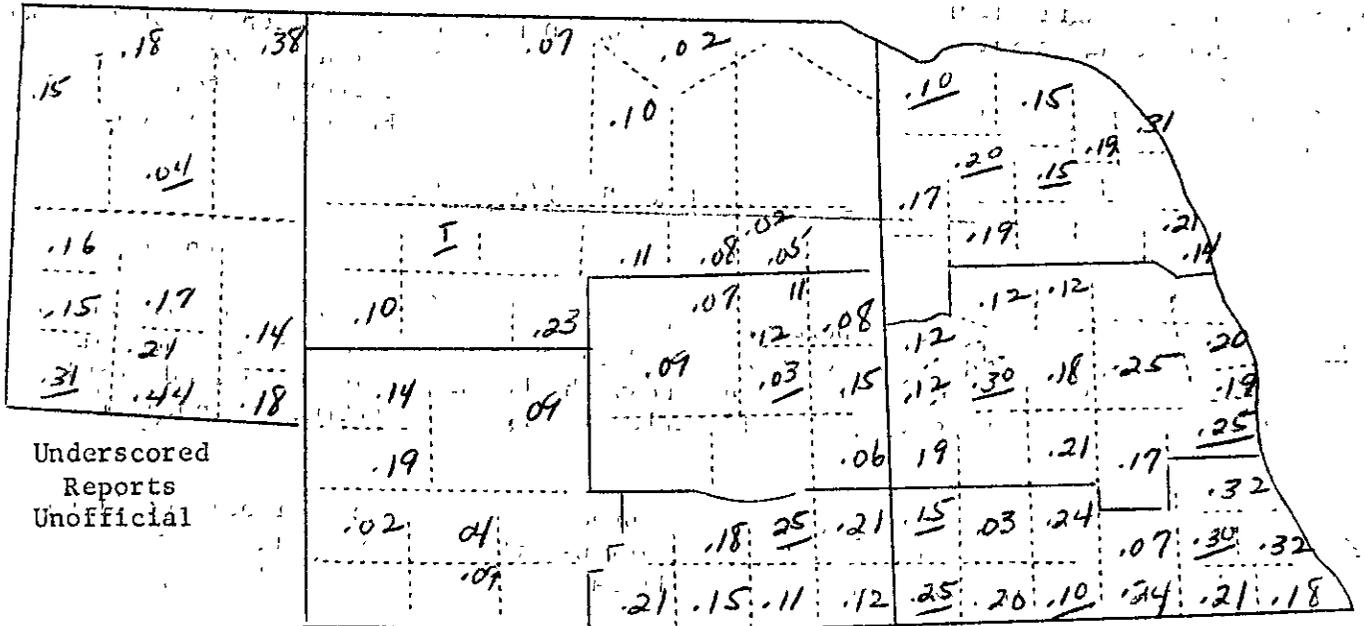
Potato farmers in the western part of the State were sorting stored potatoes. Wind blown thistles caused some fence damage.

LIVESTOCK Most cattle continued to utilize winter ranges, corn and milo stubble. However, the snow reduced the availability of this feed and the cold increased feed requirements. Supplemental feeding of hay and cake was general. With the sudden change from mild temperatures to severe cold, stock cattle took considerable shrink but remained in good condition. The gains by livestock being fattened for market were limited by the unfavorable weather.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING DECEMBER 16, 1963

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.06	Burwell	.02	Chadron	.18
Lincoln	.27	North Platte	.09	Imperial	.02
Norfolk	.09	Valentine	.07	Scottsbluff	.19
Omaha	.16			Sidney	.44
Sioux City	.07				

PRECIPITATION MAP FOR WEEK ENDING DECEMBER 13, 1963



HIGHEST AND LOWEST TEMPERATURE (Highs for 24 hours ending at 12:01 a.m., and lows for 12 hours ending at 6:00 a.m., CST)

		December 10th		11th		12th		13th		14th		15th		16th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	22	9	12	5	15	4	25	-3	6	-19	15	-12	11	-2
	Scottsbluff	29	9	13	-6	16	-6	22	-3	10	-12	24	7	22	3
	Sidney	27	9	15	-4	10	-6	22	-6	10	-10	31	5	16	5
NC	Burwell	25	10	15	4	14	-7	25	-5	6	-12	16	-14	10	--
	Valentine	18	7	10	5	13	-6	22	-1	3	-16	8	-17	10	1
NE	Norfolk	20	6	12	7	11	-10	24	-2	4	-6	5	-13	1	-8
	Sioux City	17	7	16	11	14	-7	24	0	6	-3	5	-11	0	-11
CEN	Grand Island	33	10	17	8	14	-4	29	-5	10	-9	13	-10	8	1
EC	Lincoln	29	11	16	10	16	0	28	2	10	-4	11	-7	6	0
	Omaha	23	10	16	11	16	-6	24	-2	8	-7	6	-10	4	-6
SW	Imperial	32	12	18	10	11	-8	27	-2	14	-14	21	-4	13	0
	North Platte	31	11	16	3	15	-7	26	-10	10	-14	14	-6	10	2

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