

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 1/22/63

Week Ending 1/21/63

WEATHER The third of a series of Arctic air surges spread over the State Monday night and again on Friday. Minimum temperatures on Saturday morning were below zero in all sections of the State, around 30 degrees below zero throughout the Panhandle and north central.

This invasion of Arctic air (the third in 10 days) was accompanied by strong northerly winds and one to two inches of new snow. Southern Panhandle stations reported up to 6 inches of new snow.

Wakefield was below zero at some time each day. Cambridge reported zero or lower on all 7 days. Several Panhandle stations reached maximums of 38 degrees on Thursday. Alliance reported 34 degrees below zero on Saturday.

CROPS Snow cover varied considerably in different sections of the State and within local areas. Drifting was quite general over the State last week and it was severe in some places, especially the northwest. Snow cover on wheat fields is more uniform where drifting was lightest or where wheat had sufficient cover to hold the snow. In a few places where vegetative growth was light and on high spots, wheat failed to hold the snow and left the soil exposed. This resulted in some wind erosion. Generally, the wheat benefited from snow fall as it provided the crop with some protection from low temperatures.

Farm activities were mainly centered on winter chores and caring for livestock. Marketing of farm products was slowed by the adverse weather and poor road conditions.

LIVESTOCK Severe cold weather required a step-up in supplemental feeding of hay and concentrates. Moreover, snow cover in most places restricted the use of pastures and ranges, but grain and roughage supplies were generally ample to meet needs.

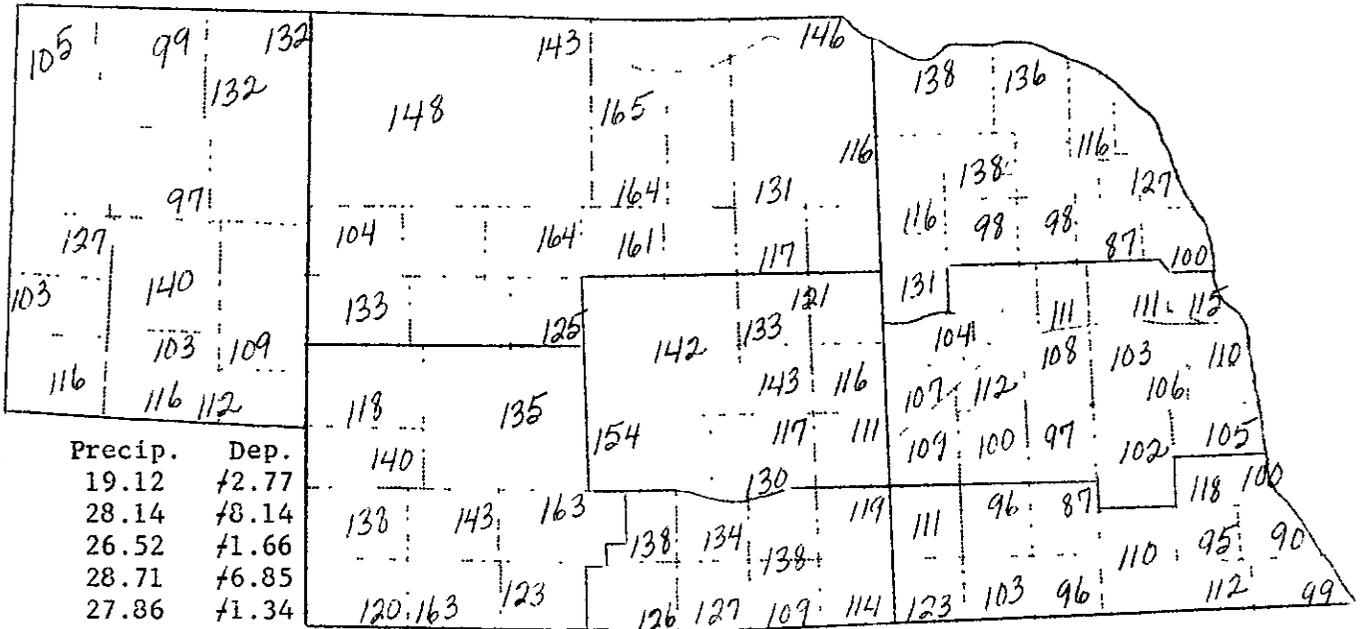
Sub-zero temperatures caused range livestock to lose weight and lowered production gains of cattle and lambs in feedlots. Losses of new born animals were higher, especially where they lacked adequate protection from the cold weather and snow. Some operators experienced difficulty in keeping water available for livestock as it was subject to freezing quickly.

Shipments of stocker and feeder cattle and calves into Nebraska during the month of December totaled 82,000 head compared with 71,000 head brought in during December a year earlier. Inshipments during the 6-month period (July-December) totaled 880,000 head, 22 percent more than the 722,000 head shipped in during the same period in 1961. Lambs unloaded in Nebraska for feeding during December totaled 24,000 head compared with 28,000 head a year earlier. Total inshipments for the last three months of 1962 amounted to 233,000 head compared to 240,000 head brought in during the same period in 1961.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JANUARY 21, 1963

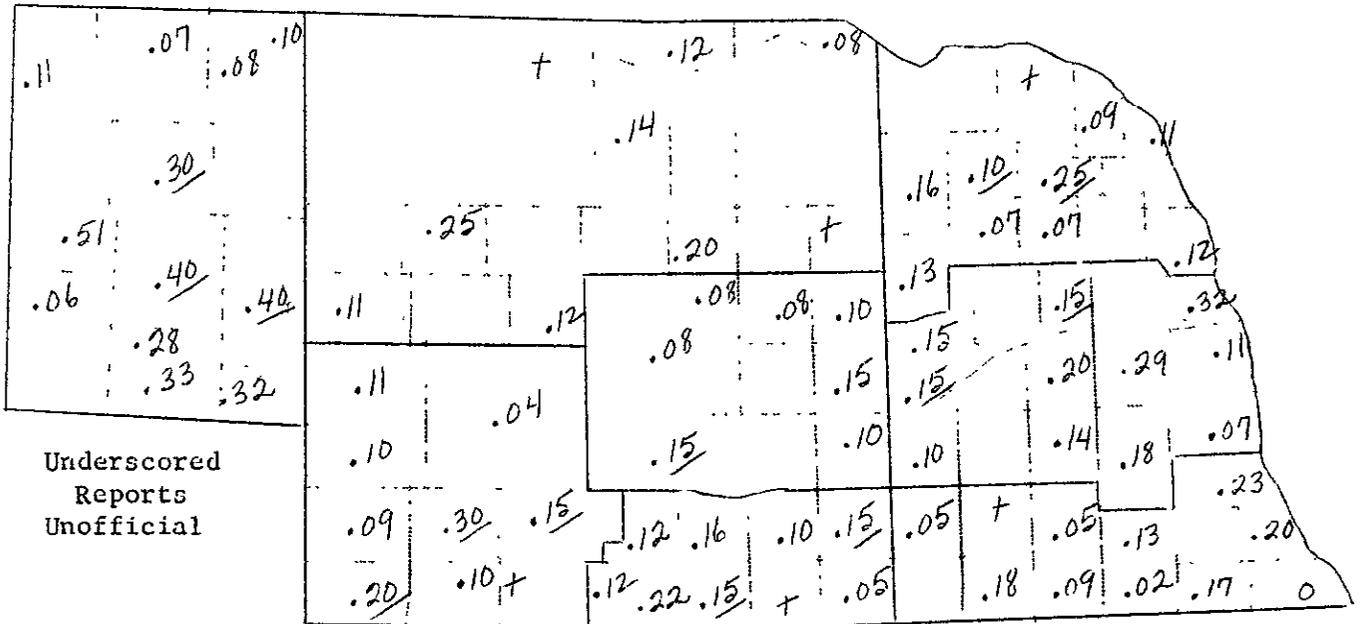
<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.15	Burwell	---	Chadron	.07
Lincoln	.20	North Platte	.05	Imperial	.04
Norfolk	.07	Valentine	.01	Scottsbluff	.51
Omaha	.15			Sidney	.44
Sioux City	.14				

PERCENT OF NORMAL PRECIPITATION, CALENDAR YEAR 1962



Div.	Precip.	Dep.
NW	19.12	+2.77
NC	28.14	+8.14
NE	26.52	+1.66
CEN	28.71	+6.85
EC	27.86	+1.34
SW	27.84	+9.28
SC	27.50	+5.22
SE	29.75	+0.57

PRECIPITATION MAP FOR WEEK ENDING JANUARY 18, 1963



Underscored Reports Unofficial

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)

		January 15th		16th		17th		18th		19th		20th		21st	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	24	- 6	23	0	29	0	30	- 3	- 3	23	25	15	36	30
	Scottsbluff	31	12	38	12	33	10	34	- 1	0	-29	18	6	33	29
	Sidney	24	10	32	11	27	5	33	1	1	-26	19	0	35	23
NC	Burwell	7	- 9	9	- 5	25	3	29	- 4	0	-21	6	- 5	2	--
	Valentine	9	- 9	15	- 2	25	5	32	- 4	- 4	28	2	- 2	17	6
NE	Norfolk	6	- 5	6	- 2	18	1	24	- 3	- 3	-11	- 5	- 8	19	- 5
	Sioux City	6	- 8	- 1	- 2	13	- 4	21	- 5	- 3	- 9	0	-10	14	-16
CEN	Grand Island	15	- 9	5	- 4	15	3	24	7	1	-12	0	-10	17	3
EC	Lincoln	15	1	9	- 1	20	8	29	2	2	- 6	1	1	16	2
	Omaha	3	- 4	7	0	13	5	25	- 2	1	- 8	1	10	13	- 6
SW	Imperial	20	3	22	8	27	1	36	3	4	-15	17	- 5	35	19
	North Platte	20	- 2	13	2	23	7	32	2	2	-17	9	- 5	21	11