

1000 *mu* May 11, 1964

U. S. Department of Agriculture
Statistical Reporting Service
and
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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 5/11/64

Week Ending 5/11/64

WEATHER It was a windy, stormy week with scattered thunderstorms and some hail damage. Winds dried out the ground surface rapidly and caused considerable blowing dust. Precipitation averaged about an inch or more over the Panhandle, the northern, and east-central divisions, but amounts were highly variable. The central and southern portions had very little rain. A number of tornadoes did extensive damage from Greeley to Madison counties, and from Adams to Butler, with damaging winds elsewhere. Temperatures ranged from near normal in the Panhandle to eight degrees above normal in the east.

CROPS Wind and hail caused damage to crops, livestock and buildings in several areas. Replanting of some spring planted grains and sugar beets was necessary because of damage from high winds. Farmers in areas where severe wind and hail damage occurred spent much of the week cleaning up and repairing property.

Corn planting is underway but less than 5 percent is in the ground. Progress of planting is expected to gain momentum rapidly. Planting of soybeans and sorghums has begun but many farmers are waiting for the soil to warm before seeding. Seeding of oats is nearing completion. Growth of oats that have emerged has been slow and warmer temperatures are needed to prompt more rapid development. Where fields were too wet for tillage or planting operations, numerous farmers turned to spraying musk thistles and other bothersome weeds.

Winter wheat has jointed in many areas and is nearing the boot stage. A few cases of mosaic have been reported but most of the crop is developing quite well.

Pastures in the east are supplying plentiful feed. However, grasses in other areas have been slow to develop and need warmer temperatures for normal growth. Alfalfa dehydrating mills are beginning operations as the crop has sufficient growth in some sections to permit cutting.

LIVESTOCK The movement of cattle to summer ranges and pastures has begun but will probably be rather slow until pastures and ranges are able to provide adequate feed for grazing. Calving and lambing operations are nearing completion. Farrowings continue seasonally large with most of the young pigs in a thrifty condition.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION, FOR WEEK ENDING MAY 11, 1964

East	Central	West
Grand Island .48	Burwell .02	Chadron .48
Lincoln 1.50	North Platte .54	Imperial .13
Norfolk 1.57	Valentine .17	Scottsbluff .90
Omaha .93		Sidney .76
Sioux City .99		

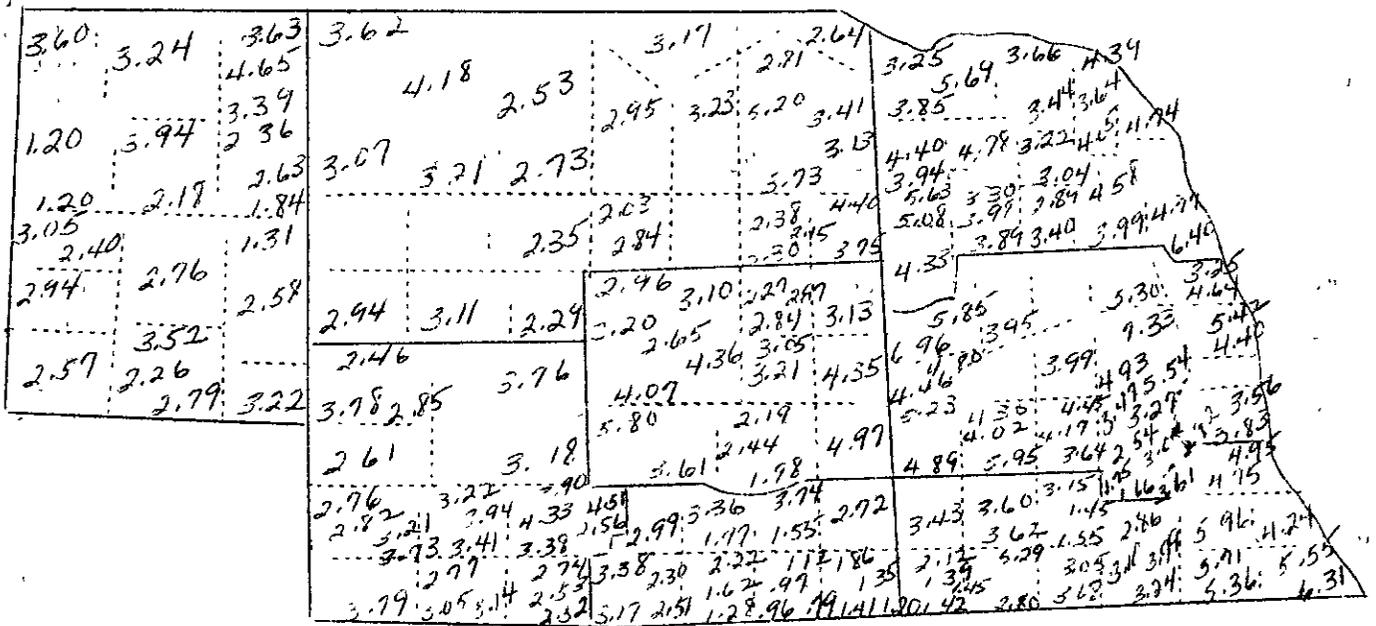
Precipitation, April 1 - May 8, 1964

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.99	1.42	1.12	.17	.98	.24	.27	.59
Total since April 1	3.74	4.49	5.28	3.58	5.69	3.45	2.24	4.47
Normal since April 1	2.54	2.83	3.14	2.96	3.24	2.67	3.02	3.48

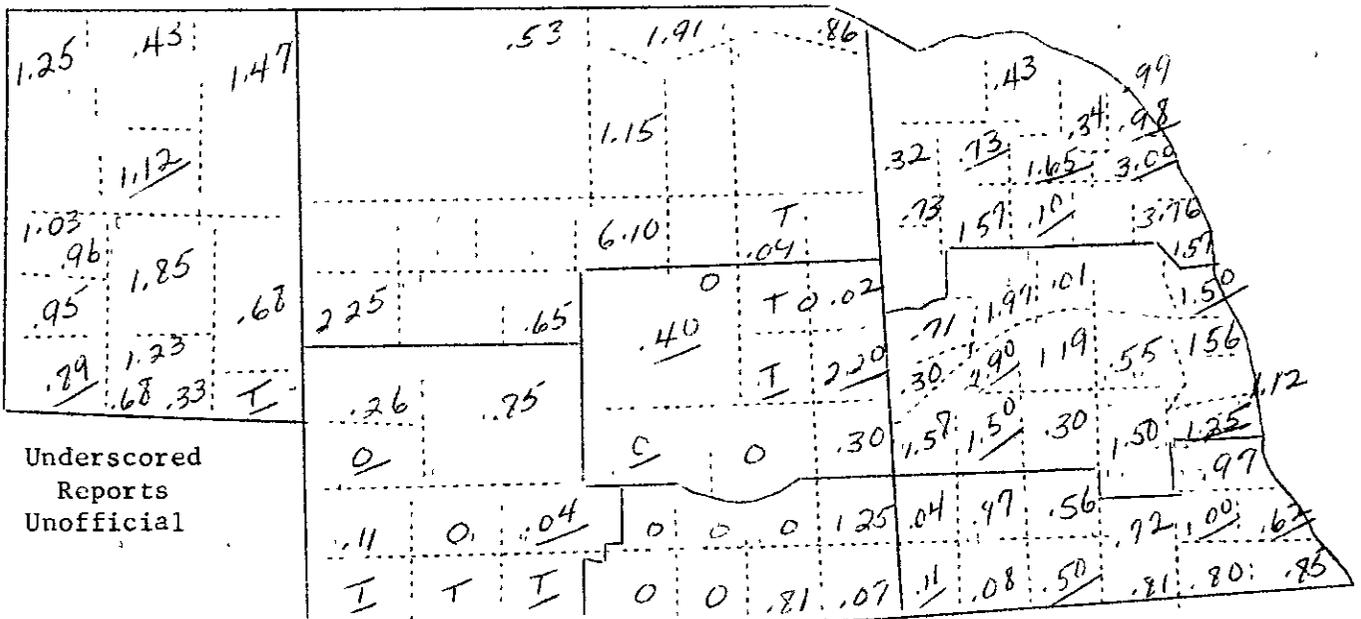
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PRECIPITATION MAP FOR MONTH OF APRIL 1964



PRECIPITATION MAP FOR WEEK ENDING MAY 8, 1964

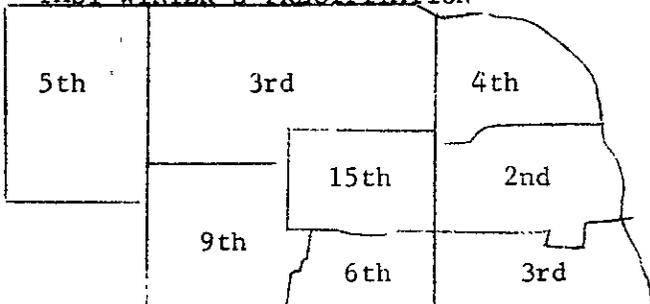


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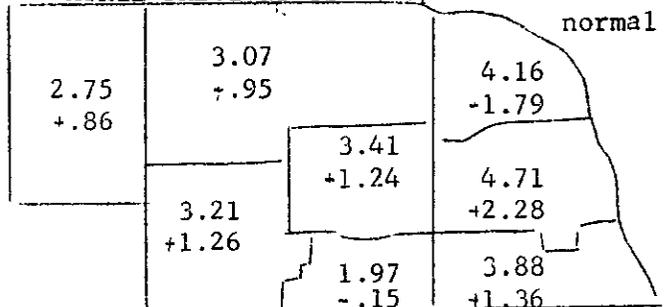
HIGHEST AND LOWEST TEMPERATURE (Highs for 24 hours ending at 12:01 a.m., and lows for 12 hours ending at 6:00 a.m., CST)

		May 5th		6th		7th		8th		9th		10th		11th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	71	45	75	38	63	39	68	45	61	45	66	39	75	44
	Scottsbluff	71	40	78	38	63	39	68	40	61	39	66	40	74	46
	Sidney	70	39	77	37	66	43	72	38	58	36	65	39	72	42
NC	Burwell	74	52	--	52	72	44	80	50	58	--	72	37	81	--
	Valentine	75	47	85	45	68	40	76	48	58	44	69	43	75	55
NE	Norfolk	78	49	78	52	73	48	78	59	73	48	71	42	79	53
	Sioux City	79	53	--	60	74	50	81	61	78	50	71	46	79	55
CEN	Grand Island	77	54	84	51	74	49	82	66	72	47	76	45	83	54
EC	Lincoln	82	64	77	64	78	59	88	58	73	49	73	40	83	58
	Omaha	79	60	76	65	75	53	85	60	75	49	72	47	79	58
SW	Imperial	68	43	84	38	70	41	77	50	60	40	71	40	73	43
	North Platte	71	47	82	40	69	45	77	54	61	38	69	37	77	45

PAST WINTER'S PRECIPITATION



APRIL PRECIPITATION-Departure from normal



The past winter season (October through March) was exceptionally dry. Numbers on the map show the ranking position over the past 33 winters. For example the Panhandle had its 5th driest winter since 1931-32. The east central division had its second driest winter. During the winter period soil moisture became very low. Dry conditions continued during April in the south central division but elsewhere above normal April rainfall has done much to replenish moisture in the top layers of the ground. Subsoil moisture is still very low in many areas.