

U. S. Department of Agriculture
Bureau of Agricultural Economics

and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics

and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 5-23-50 - 11:00 A.M.

Week Ending 5-22-50

WEATHER Temperatures were near or slightly above normal over the State during the week. Moderate to heavy rains fell over a belt extending from the south central portion of the State northward and northeastward to the eastern portion of the South Dakota border. Rains were mostly moderate in the extreme east, and the western third of the State received very little rainfall. Damaging hail occurred in Hitchcock county.

CROPS Precipitation during the past three weeks has given a good subsoil moisture supply in the eastern two-thirds of the State. The western area is very short of subsoil moisture, and it only has barely enough surface moisture at present.

About 28% of the corn was planted up to last Saturday, as compared to 5% of the planting completed a week earlier. It appears now that the great bulk of the corn will be planted about the middle of the usual planting season. This has been recommended as being one method of minimizing damage from the corn borer.

The progress of planting by districts up to last Saturday was as follows: northwest and southwest, 52% completed; north central and central, 15% completed; northeast, south central and southeast, 32% completed; and east central, 24% completed. Some counties report that soil is still a little too cold for planting, and, in some areas, too wet. If the present week remains warm and dry, the bulk of the corn planting will be finished. The subsoil moisture supply is generally good now throughout the corn area of the State.

Winter wheat is a little late but made splendid progress throughout the State. The moisture supply is excellent throughout the wheat belt, except in the western portion. Leading wheat counties that are very short of subsoil moisture are Box Butte, Kimball, Cheyenne, Deuel, Keith, Perkins, Chase and Dundy. In the latter area, wheat has sufficient surface moisture at present but will need more than the usual amount of rain because of the limited amount of subsoil moisture. Most of the balance of the wheat area now has a good reserve of subsoil moisture. Green bugs are present in the southwestern and south central districts but only two or three counties report serious infestation. Wheat is in the boot in southern counties.

Oats and barley are still very late and the reported progress is spotted. The moisture supply is ample but warmer weather is needed for satisfactory growth. Some stands are uneven. Cold weather, which delayed nitrification may result in yellowing of small grain. Some have applied fertilizer with good results.

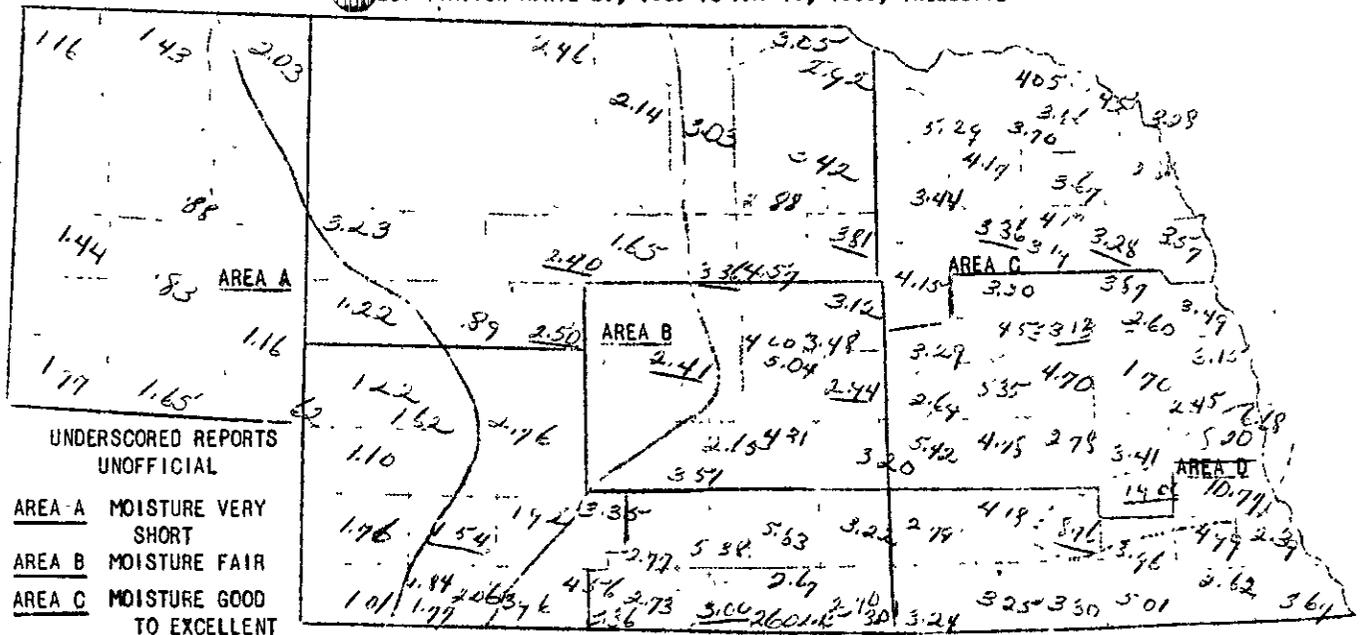
Alfalfa and pasture have made progress, especially in southern counties but in some northern and western areas alfalfa, pastures and wild hay have made very little growth. One county in the southwestern edge of the Sandhills reports less grass for this date than ever before, with the Sandhills being almost as brown as in the winter. Eastern portions of the Sandhills are in better shape. While rains have improved wild hay, the present outlook for a good crop is poor because of the dry spring.

LIVESTOCK Most of the cattle are now in pastures but pasture is very short, particularly in some northwestern counties. One southwestern county reports loss of cattle from grass tetany. One county reports five week old pigs selling for \$20.00 a head. Commercial hatchery output to May 1 is slightly larger than last year.

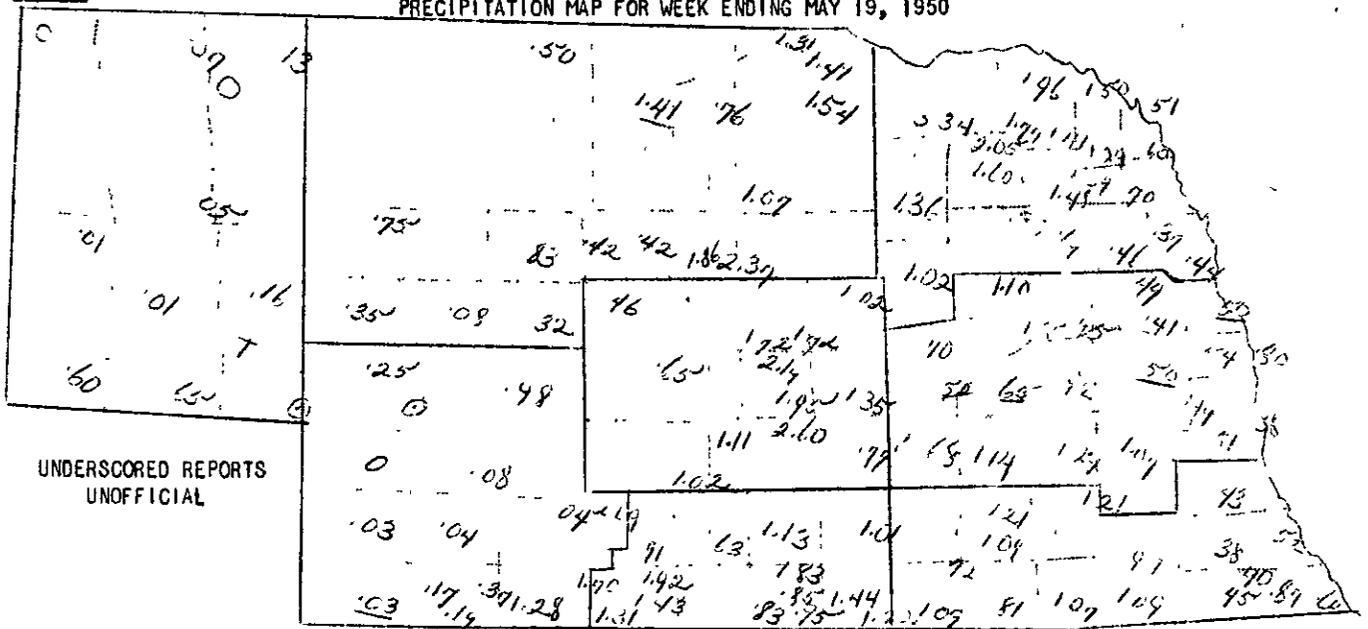
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING MAY 22, 1950

<u>Eastern Division</u>		<u>Eastern Div., Cont'd.</u>		<u>Central Division</u>		<u>Western Division</u>	
Albion	1.08	Hastings	1.30	Broken Bow	.65	Alliance	.05
Auburn	1.00	Lincoln	1.07	Burwell	2.86	Chadron	.07
Beatrice	1.40	Norfolk	.88	Cambridge	1.70	Culbertson	.61
Columbus	1.38	Oakdale	1.39	Holdrege	.94	Hayes Center	.04
Fairbury	1.07	Omaha	.80	North Loup	1.94	Kimball	.60
Fairmont	1.35	Red Cloud	1.42	North Platte	.98	Scottsbluff	.01
Falls City	.80	St. Paul	1.35	O'Neill	1.54	Sidney	.20
Fremont	.55	Tekamah	.43	Ravenna	2.80		
Grand Island	1.07	Wakefield	1.29	Valentine	.50		
Hartington	1.98	York	1.12				
Average this week			1.14		1.55		0.23
Total since April 1			4.57	1500	4.73		2.25
Normal since April 1			5.10	5-23-50	4.49		3.84

PRECIPITATION APRIL 29, 1950 TO MAY 19, 1950, INCLUSIVE



PRECIPITATION MAP FOR WEEK ENDING MAY 19, 1950



HIGHEST AND LOWEST TEMPERATURES (FOR 24 HOURS ENDING 6:30 A.M.)

		MAY 16TH		17TH		18TH		19TH		20TH		21ST		22ND	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	75	42	73	46	84	59	80	37	66	42	65	34	80	48
	SCOTTSBLUFF	78	43	76	46	85	52	79	33	67	43	66	35	80	45
	SIDNEY	77	38	73	44	86	48	75	37	68	39	64	30	81	40
N-C	BURWELL	74	51	—	—	81	59	75	49	67	49	61	42	80	51
	VALENTINE	72	49	73	41	81	57	75	45	65	47	61	41	80	52
NE	NORFOLK	75	56	74	50	80	60	81	54	68	45	64	42	77	40
	SIOUX CITY	77	55	73	46	79	53	78	58	69	40	71	46	74	49
CEN.	GRAND ISLAND	76	55	77	51	84	62	81	54	68	48	61	42	79	54
	E-C	LINCOLN	76	58	81	53	84	62	78	58	71	50	64	45	77
SW	OMAHA	76	57	79	53	83	61	79	58	71	49	66	48	75	53
	HAYES CENTER	83	48	80	50	85	55	79	48	69	44	68	40	83	50
	NORTH PLATTE	79	49	77	49	83	56	75	48	68	49	61	40	82	50

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)

U. S. DEPARTMENT OF AGRICULTURE
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