

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 8-1-50 11:00 A.M.

Week Ending 7-31-50

WEATHER Temperatures rose to near or slightly above normal over the western portion of the State by Thursday, and by Saturday over the eastern portion, but a change to cooler had overspread the central and western portions of the State Sunday night. Heavy showers occurred over the southwestern portion of the State and moderate showers in the east. There has been more sunshine than during the past few weeks, but humidity was rather high, with heavy dews on clear mornings which evaporated very slowly. Winds were unusually light. Hailstorms were numerous in the west.

July was unseasonably cool, particularly in the eastern portion of the State, and was the wettest since 1915 over the eastern and central portions of the State, where average precipitation was slightly more than twice the normal in the east and nearly twice the normal in the central. The western third averaged about an inch above normal, from the reports available (only 7 stations).

CROPS Corn made good progress during the past week. The bulk of the corn is about a week or ten days late. About 20% of the corn is two weeks late. With such a late start the date of maturity may be retarded further, depending on the weather. Only 16% had tasseled by the close of the week, as compared with 61% tasseled this date a year ago. Corn has a very dark green color and appears very promising throughout the State. There is an excellent amount of surface and subsoil moisture which should carry the crop well past the middle of August. Corn needs sunshine and higher temperatures. The corn that was replanted is very late.

The percentages of corn tasseled by districts up to last Saturday, as compared with the percentages tasseled a year ago are as follows: West, 30% and 30%; north-central, 0% and 47%; northeast, 11% and 82%; central, 4% and 38%; east-central, 21% and 68%; southwest, 12% and 44%; south-central, 39% and 51%; southeast, 18% and 58%. Late planting with considerable replanting and unseasonably cool, wet July accounts for the retarded progress of corn.

Rains have further delayed harvest of winter wheat, which was only 66% completed by the close of the past week. More than the usual hail damage has been reported. Rains have lowered the test weight. Yields are generally exceeding expectations throughout the State, even in western Nebraska, where for a time it appeared that dry weather would reduce yields considerably. Percentages of wheat harvest up to last Saturday by districts are as follows: West, 33%; north-central, 24%; northeast, 47%; central, 31%; east-central, 77%; southwest, 78%; south-central, 82% and southeast, 87%. Several reported elevators full and cars insufficient.

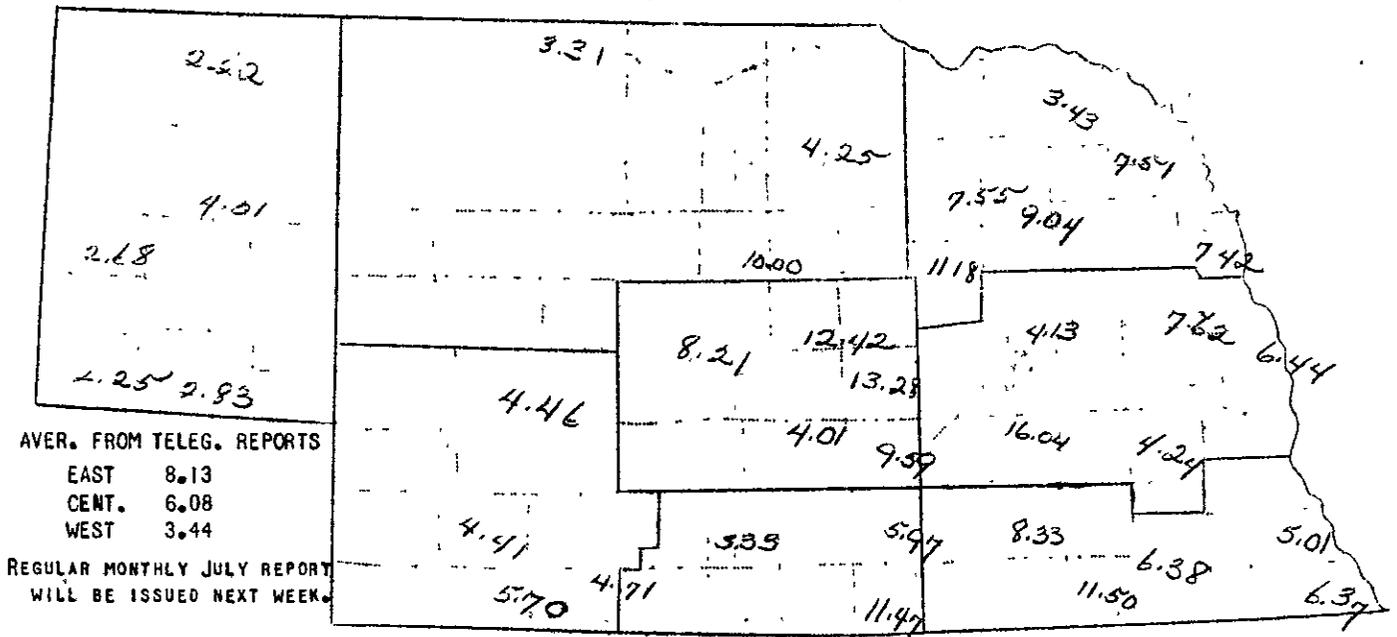
The harvest of oats and barley was also delayed by abnormal July rainfall. Yields of oats and barley are exceeding earlier expectations slightly, as the better yields are coming in from northeastern Nebraska. Yields vary greatly. There were a few reports of harvested small grain crops sprouting in the shock.

Pastures, alfalfa and sorghum crops show improvement. The present moisture supply should insure a good third crop of alfalfa. Considerable of the second crop of alfalfa has been left for seed. Pastures are excellent and are improving in the previously dry areas of western Nebraska. Some reports indicate that rains may still revive the short grass in the western and southwestern portions of the Sandhills. Reports on wild hay from the eastern and northeastern portions of the Sandhills are quite favorable, but rather unfavorable in the balance of the Sandhill area and the hard land area of western Nebraska.

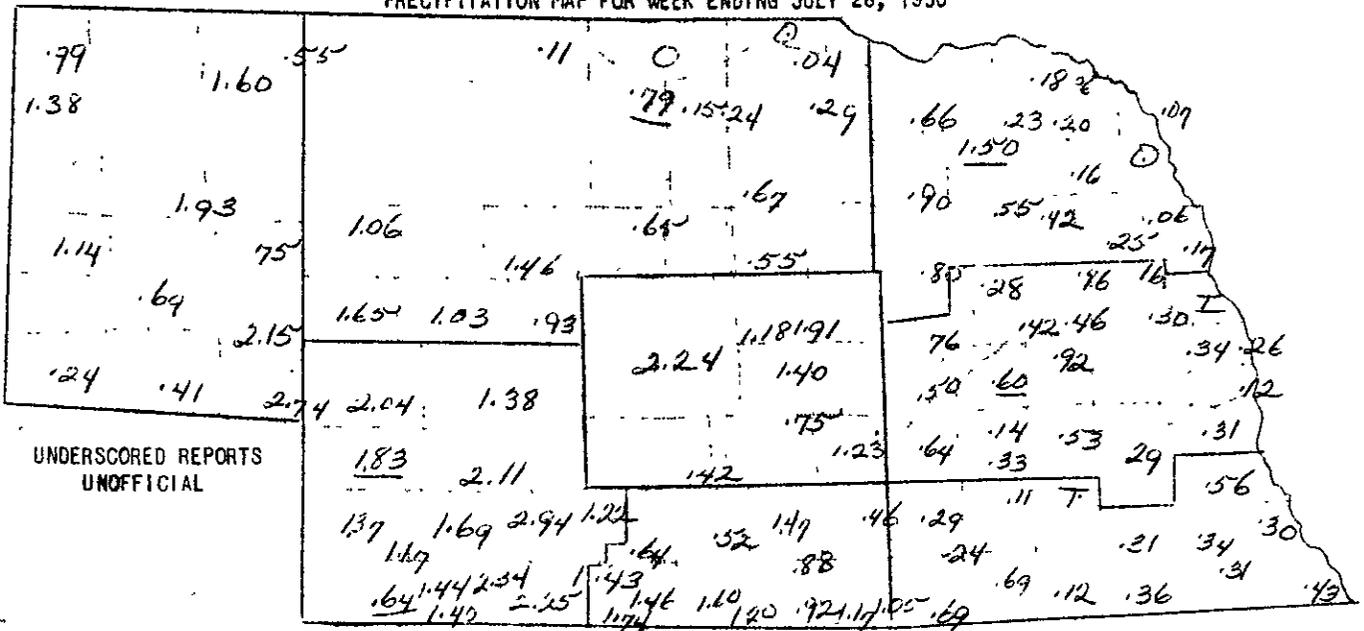
Minor crops are making excellent progress. Soybeans are doing fine on a greatly increased acreage. Adequate rain in western Nebraska has improved the outlook for sugar beets, beans and potatoes. Wet weather is delaying the harvest of the early potato crop in central Nebraska. Bromegrass seed is being harvested with good yields. Harvest of sweet clover for seed has started.

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LIVESTOCK Cattle are doing fine on the luxurious pastures. Shipments of stocker and feeder cattle to country points were up 49% in June and up 66% for the first half of the year. June shipments of stocker and feeder cattle into the eight Corn Belt states were up 14% in June and 29% for the first half of the year. Shipments of sheep to country points in June were almost three times as many as in June a year ago and are up 38% for the first half of the year. Shipments of sheep into the eight Corn Belt states were up 20% in June and 15% for the first half of the year. Chickens raised are down 5% and only 78% of the 1939-48 10-year average. Chickens raised in the U. S. are down 10% and 14% below the 1939-48 10-year average.

JULY 1950 AVERAGE FROM TELEGRAPHIC REPORTS



PRECIPITATION MAP FOR WEEK ENDING JULY 28, 1950



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

		JULY						
		25TH	26TH	27TH	28TH	29TH	30TH	31ST
		MAX MIN						
NW	CHADRON	72 47	81 60	87 54	92 62	95 67	95 51	85 48
	SCOTTSSLUFF	72 53	78 59	84 55	86 61	90 61	89 54	81 47
	SIDNEY	81 53	80 56	83 52	84 60	90 59	92 56	81 49
N-C	BURWELL	71 58	-- --	-- --	79 59	-- --	-- --	80 57
	VALENTINE	72 54	78 56	80 56	82 59	88 67	95 53	79 48
NE	NORFOLK	78 63	75 58	81 58	83 61	87 67	87 67	87 65
	SIOUX CITY	80 63	79 56	83 57	86 59	88 62	89 68	89 67
CEN.	GRAND ISLAND	79 63	75 59	78 58	82 63	87 66	87 65	88 64
E-C	LINCOLN	81 66	72 57	80 61	83 65	87 67	89 73	91 69
	OMAHA	80 64	74 57	82 61	85 61	88 67	88 72	92 68
SW	HAYES CENTER	77 56	78 59	80 54	79 61	85 64	88 60	83 55
	NORTH PLATTE	70 53	76 57	72 52	78 58	84 65	86 60	82 56

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JULY 31, 1950

EASTERN DIVISION		EASTERN DIV., CONT'D.		CENTRAL DIVISION		WESTERN DIVISION	
ALBION	.17	HASTINGS	.20	BROKEN BOW	.74	ALLIANCE	1.34
AUBURN	.30	LINCOLN	.26	BURWELL	.44	CHADRON	.04
BEATRICE	.31	NORFOLK	.77	CAMBRIDGE	1.52	CULBERTSON	2.86
COLUMBUS	.17	OAKDALE	.45	HOLDREGE	.51	HAYES CENTER	1.50
FAIRBURY	.09	OMAHA	.20	NORTH LOUP	.25	KIMBALL	.43
FAIRMONT	.03	RED CLOUD	.50	NORTH PLATTE	.89	SCOTTSSLUFF	.23
FALLS CITY	.58	ST. PAUL	.13	O'NEILL	.29	SIDNEY	.56
FREMONT	.86	TEKAMAH	.35	RAVENNA	.20		
GRAND ISLAND	.34	WAKEFIELD	.53	VALENTINE	.16		
HARTINGTON	.17	YORK	.19				

AVERAGE THIS WEEK	0.33	0.58	0.99
TOTAL SINCE APRIL 1	17.25	14.51	8.22
NORMAL SINCE APRIL 1	14.49	12.45	10.23