

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 9-14-54 - 11:00 A.M.

Week Ending 9-13-54

WEATHER Temperatures for the State as a whole averaged near normal for the week. The western portion was a little warmer than normal and the east a little cooler. Cool weather prevailed during the first half of the week, but the latter half was warmer than normal with some rather high temperatures in the southwestern portion of the State. Light to moderate showers fell over most of the State on the ninth. The 11th was very windy over the central and western portions of the State, where there was some blowing of soil.

August was wet, with seasonable temperatures. Precipitation ranged from two to three times the normal in the southeast to a moderate deficiency over the northeastern corner and much of the western portion of the Panhandle, a few stations in the southwest, but the western portion averaged 23% above normal. The central portion received 59% above normal precipitation.

CROPS Most of the corn crop made good progress toward maturity during the past week. Returns indicate there was only 6% in the roasting ear stage, 36% in the hard dough stage, 50% in the dent stage and 8% of the crop mature. A few local areas in western Nebraska need more moisture. Some corn is being cut for silage.

The bulk of the corn crop recovered from extreme July heat and drouth far better than expected. An increase of 5 bushels per acre from August 1 to September 1 was very unusual after the severe punishment from the July heat and drouth. August rainfall was very heavy over most of the State and the lower temperatures helped.

Approximately 30% of the winter wheat had been seeded up to last weekend and some is up. The soil moisture supply is excellent over most of the wheat belt. There are a few local dry areas in western Nebraska. The percentage of wheat seeded by districts is as follows: Northwest, 63%; North-Central, 56%; Northeast, 40%; Central, 22%; East-Central, 7%; Southwest, 42%; South-Central, 10%; and Southeast, 3%.

Sorghum for grain is making fine progress except some spots need more moisture. The September 1 estimate exceeded 6 million bushels, almost twice that of last year and 3 times the average. Sorghum for forage improved but some was damaged beyond appreciable recovery in July.

Soybeans are very promising and the September estimate was for a crop of nearly 4 million bushels. This was twice last year's production and nearly 5 times the average. There was a large increase in acreage.

The harvest of dry edible beans continues in western Nebraska. Sugar beets show some improvement. The late potato crop is considerably below that of a year ago. Shipments of early potatoes total 456 cars, about the same as last year's rail movement.

Range and pasture show some further improvement, except in the dry areas in the western portion. The all hay crop shows a gain in tonnage due largely to the increased production of alfalfa hay, resulting from heavy rainfall in August.

With the improvement in the corn crop, a good barley crop and the largest oat crop since 1917, the feed grain situation is ample. There are only a few counties indicating a deficit and some counties a surplus. The hay and feed situation, like rain, generally is ample with a few counties reporting a shortage and in some counties a surplus. Range and pasture is ample in two-thirds of the counties and short in balance.

Rainfall and surface moisture are reported ample in half of the counties and short in the balance of them. Subsoil moisture is reported ample in slightly more than half of the counties, while the balance are reporting a short supply.

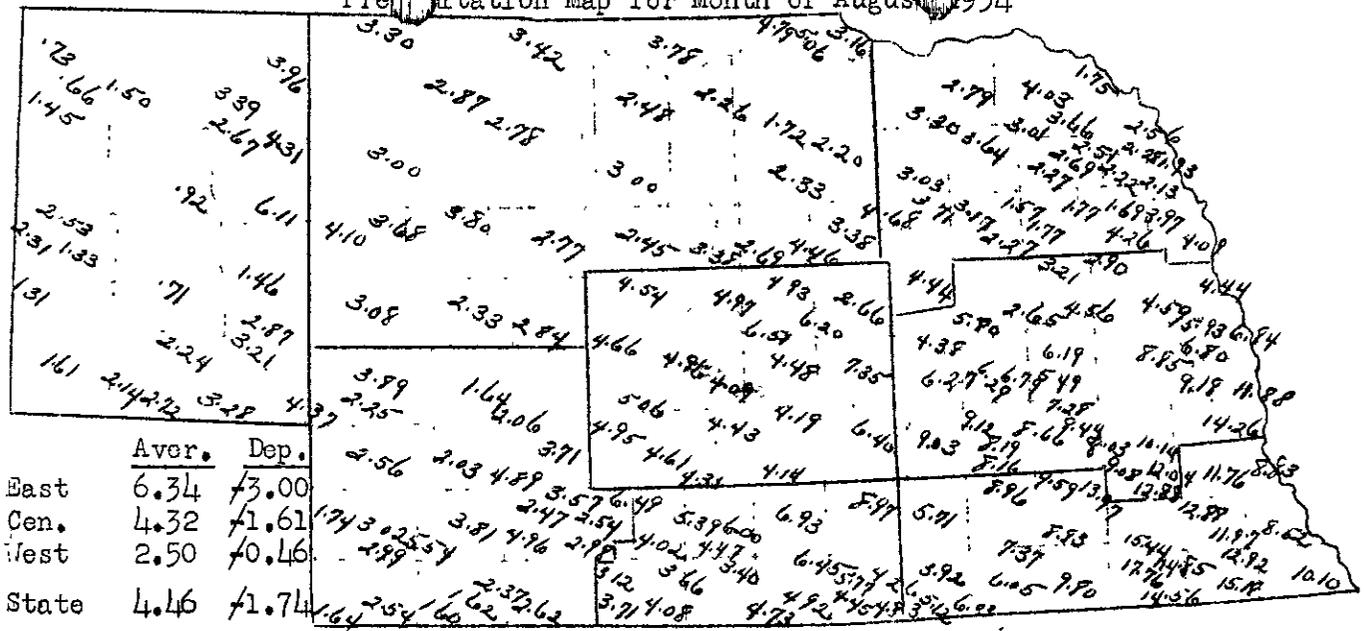
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING SEPT. 13, 1954

<u>Eastern Division</u>	<u>Central Division</u>	<u>Western Division</u>
Grand Island .11	Burwell .22	Chadron 0
Lincoln .76	Lexington .24	Imperial .07
Norfolk .06	North Platte .04	Scottsbluff .08
Omaha .09	Valentine .81	Sidney 0
Sioux City .76		

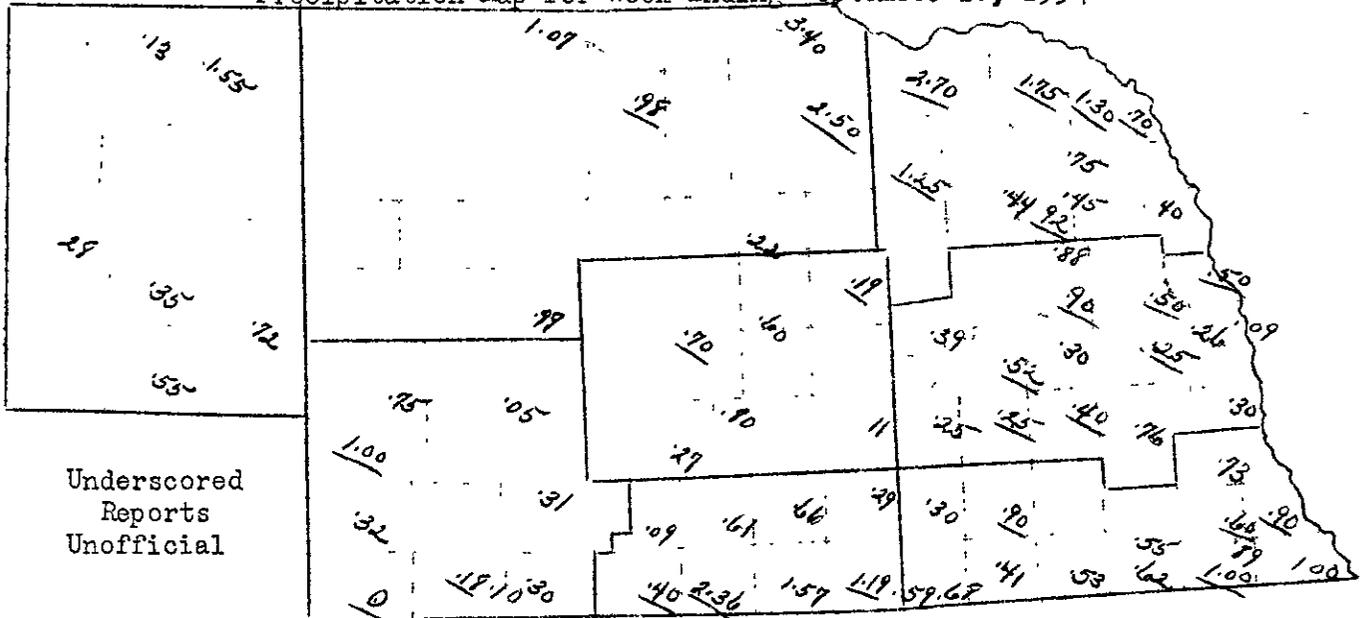
Precipitation, April 1 - September 10, 1954

	<u>Eastern Div.</u>	<u>Central Div.</u>	<u>Western Div.</u>
Total past week	.49	.79	.50
Total since April 1	20.46	13.84	10.65
Normal since April 1	18.77	16.14	12.89

Precipitation Map for Month of August 1954



Precipitation Map for Week Ending September 10, 1954



HIGHEST AND LOWEST TEMPERATURES (High for 24 hours ending 12:30 a.m., and low for 12 hours ending 6:30 a.m. CST)

		September													
		7th		8th		9th		10th		11th		12th		13th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	82	48	85	66	82	44	80	41	90	57	95	61	89	57
	Scottsbluff	80	55	86	58	78	47	78	50	87	53	91	55	86	57
	Sidney	77	53	84	56	78	49	77	50	84	51	93	59	89	57
N-C	Burwell	82	43	80	55	70	54	--	--	--	--	83	--	92	59
	Valentine	79	51	71	58	68	53	73	50	78	54	82	58	87	59
NE	Norfolk	82	50	77	54	74	58	68	45	76	56	81	--	89	68
	Sioux City	85	55	75	50	74	61	65	47	78	51	78	58	86	64
CEN.	Grand Island	82	50	79	58	83	60	75	41	78	56	80	62	90	71
	Lexington	81	45	83	56	87	55	78	44	79	52	83	54	94	61
E-C	Lincoln	88	59	81	58	79	65	73	50	76	57	80	61	88	71
	Omaha	90	58	81	56	78	65	70	50	75	53	79	62	85	66
SW	Imperial	81	54	86	57	88	52	80	48	85	51	94	63	97	66
	North Platte	80	50	83	59	82	55	78	49	80	59	86	59	95	60

U. S. Department of Agriculture
203 P. O. Building, Box 1911
Lincoln 1, Nebraska

Penalty for Private Use to Avoid
Payment of Postage \$300

1300
9-14-54