

1,100 run Aug. 10, 1964

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Statistical Reporting Service  
and  
U. S. Department of Commerce  
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 8/10/64

Week Ending 8/10/64

WEATHER The northern portion of the Panhandle remained warm with the weekly average well above normal. Elsewhere in the west and central, temperature averages were near to or slightly above normal. Temperatures averaged three to five degrees below normal in the east.

The week began warm across the State. Cooler air reached the north and west by Monday and elsewhere on Tuesday or Wednesday. It was warmer again in the north and west on Saturday and Sunday.

Precipitation was from widely scattered showers with most places receiving none of consequence. The exceptions were from Omaha northward along the Missouri River and at many places along the Kansas border where amounts of one to two inches were common. Isolated points from Valley County eastward to Douglas County also received generous amounts.

CROPS Scattered showers provided temporary relief in parts of central and northeast Nebraska but much of the south, southeast, and east-central areas remain extremely dry. Soil moisture supplies are short in most of the State. Dryland crops have suffered heavily under the hot, dry weather and irrigated crops have needed frequent waterings to maintain their condition. Irrigation water supplies are becoming short on some projects. Lowered water tables, resulting from continuous pumping, are causing some local problems in "well irrigation" areas.

Several corn and sorghum fields in the east and southeast with poor prospects of grain production are being salvaged as silage and green chop feed. Corn and sorghum fields in other areas are generally "holding on" but will need moisture soon to maintain condition. The progress of irrigated corn and sorghum has been about normal but frequent watering has been necessary. Detasseling is nearing completion on those fields to be used for seed production. More than 70 percent of the grain sorghum has headed and heads on some of the earlier fields are beginning to turn color. Somewhat more than 85 percent of the corn has tasseled.

Hot, dry weather has reduced the number of pods being set on soybeans. Lower leaves are drying and dropping from plants. Late planted fields are showing the most severe effects of dry weather. Sugar beets are making normal progress but are requiring frequent irrigation. Dry bean plant development is behind normal but hot weather is forcing the crop toward maturity. The harvest of potatoes continues in the central area.

The condition of dryland alfalfa remains low. Harvest of the third cutting is under-way with yields generally being quite light. Many ranchers have completed stacking hay in the range area and are baling hay in winter pastures. In the drier areas of the south, southeast, and east-central pasture feed is becoming short and supplemental feeding is necessary.

LIVESTOCK The seasonal feeder calf sales will begin soon in the range area. There has been some liquidation of cattle in the areas severely affected by drought conditions. There is considerable activity on farms and ranches devoted to fitting animals for show at county fairs.

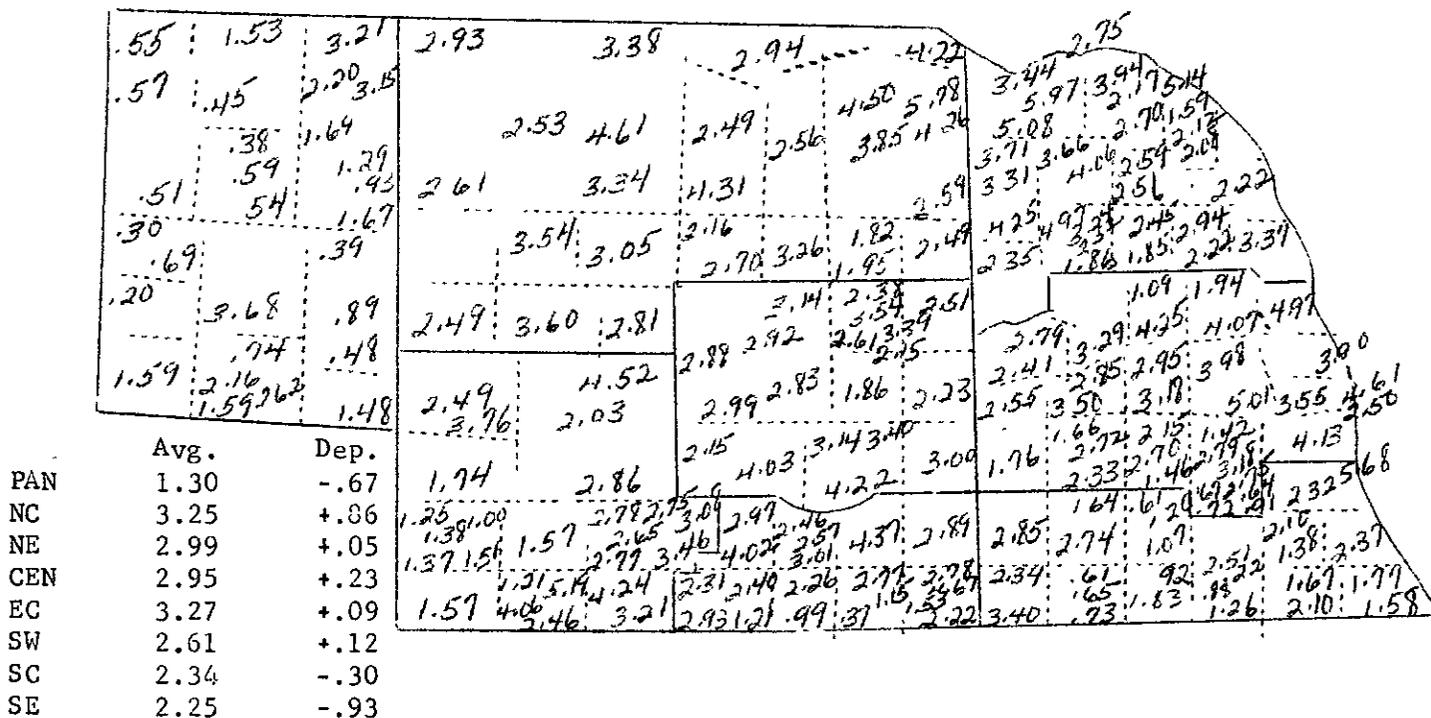
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 10, 1964

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.03	Burwell	.04	Chadron	.07
Lincoln	.12	North Platte	0	Imperial	.03
Norfolk	.82	Valentine	.22	Scottsbluff	.10
Omaha	1.65			Sidney	.01
Sioux City	1.34				

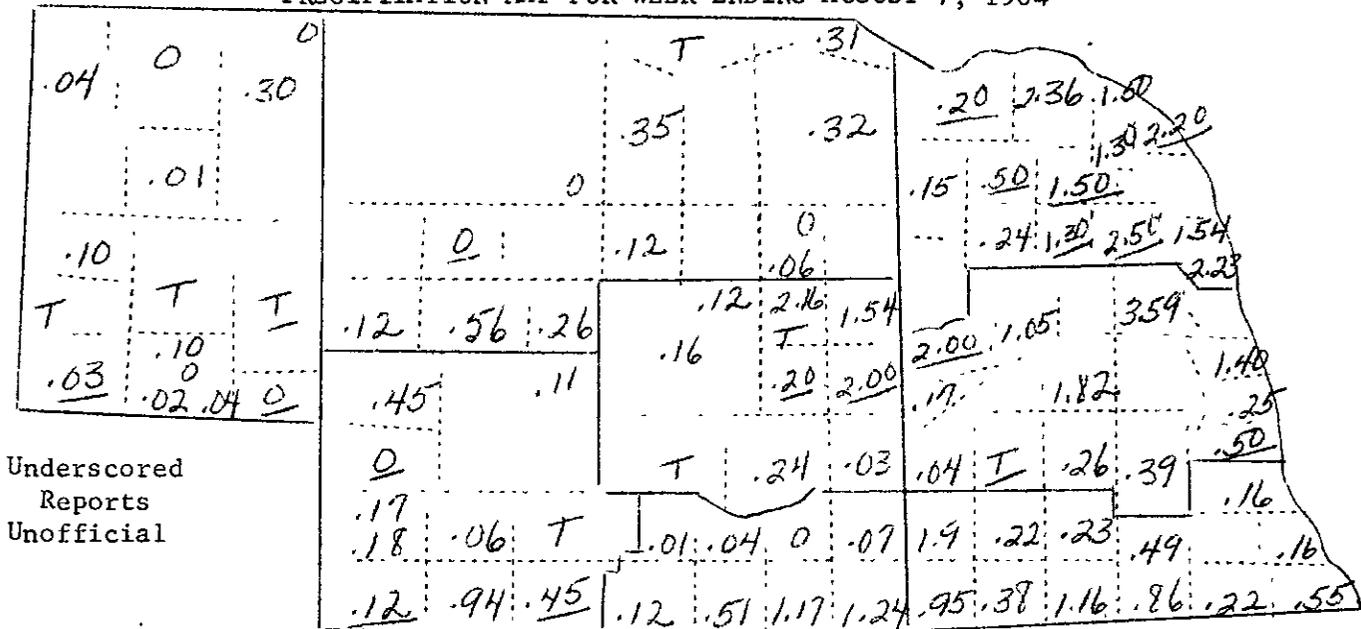
Precipitation, April 1 - August 7, 1964

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.05	.17	1.22	.53	.96	.27	.40	.49
Total since April 1	8.48	12.77	17.00	12.50	18.61	11.75	10.69	13.87
Normal since April 1	10.13	11.88	13.74	13.09	14.52	11.31	12.98	15.48

PRECIPITATION MAP FOR MONTH OF JULY 1964



PRECIPITATION MAP FOR WEEK ENDING AUGUST 7, 1964



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)

		August													
		4th		5th		6th		7th		8th		9th		10th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	96	66	99	71	99	68	88	50	90	67	99	65	97	66
	Scottsbluff	87	63	94	64	96	65	82	55	86	59	93	64	96	59
	Sidney	90	62	91	65	93	66	89	59	87	63	92	65	94	60
NC	Burwell	87	60	89	58	92	70	91	57	85	--	90	64	98	60
	Valentine	92	58	92	67	95	66	90	53	84	59	94	65	94	67
NE	Norfolk	81	64	83	60	89	70	81	64	83	54	80	60	83	64
	Sioux City	86	66	87	62	90	69	83	65	80	56	78	63	78	62
CEN	Grand Island	97	66	88	60	95	69	91	68	89	55	89	68	97	63
EC	Lincoln	93	67	85	64	92	71	85	71	87	56	88	70	86	68
	Omaha	89	63	83	64	88	72	80	67	82	56	79	62	77	62
SW	Imperial	92	68	92	68	98	68	92	70	91	60	95	69	98	61
	North Platte	91	67	90	63	91	72	90	65	88	59	91	71	96	61

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