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Nebraska Department of Agriculture  
 Division of Agr'l. Statistics  
 Agricultural Extension Service  
 of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 8/10/70

Week Ending 8/10/70

WEATHER Very high humidity prevailed across most of Nebraska the past week with warm nights and seasonal day-time temperatures. A stationary front divided the State most of the week with hot conditions along the southern border and rather persistent coolness northeast of the Omaha-Norfolk line. It was cool across the entire State as the week ended. Weekly average temperatures were about five degrees below normal in the northeast and two to five degrees above normal elsewhere. Only a few light showers interrupted the otherwise dry week.

CROPS Moisture in many eastern sections checked deterioration of dryland row crops and eased the heavy use of water for irrigated corn. Hot, dry weather in areas missing out on the generous rains caused further deterioration in dryland row crop prospects.

For the State as a whole, corn prospects remained at the previous week's level with gains in prospects for irrigated corn and the dryland crop in sections receiving the much-needed generous rains, offsetting further losses in critically dry areas. About 95 percent of the crop has reached the silking stage. Drought damaged corn continues to be cut or pastured.

Sorghum prospects made a slight gain following the rains in eastern counties; however, some important producing sections received little or no rainfall and the crop is under considerable stress. About 75 percent of the crop is headed which is about normal for this date.

Important soybean producing areas received good rains and prospects brightened. In local areas the soybean crop suffered from damaging winds, hail and heavy rain. About 80 percent of the acreage is podding.

Wheat harvest is virtually complete. Quality of the crop is excellent and protein content is above last year. Oats in western Nebraska is beginning to turn and most sections could use rain to help the grain fill.

The second cutting of alfalfa is complete, and about 20 percent of the third cutting is finished.

LIVESTOCK Showers and cooler weather improved prospects for grass, but ranges and pastures are short in more than half of the reporting counties. Some supplemental feeding has been necessary and some livestock have been taken off pastures. Hot, humid weather has been rough on livestock, limiting gains. Severe storms caused local damage to buildings and some livestock losses.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 9, 1970

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	T	Burwell	.24	Chadron	T
Lincoln	T	North Platte	0	Imperial	0
Norfolk	.01	Valentine	.53	Scottsbluff	.06
Omaha	0			Sidney	T
Sioux City	.75				

Precipitation, April 1 - August 7, 1970

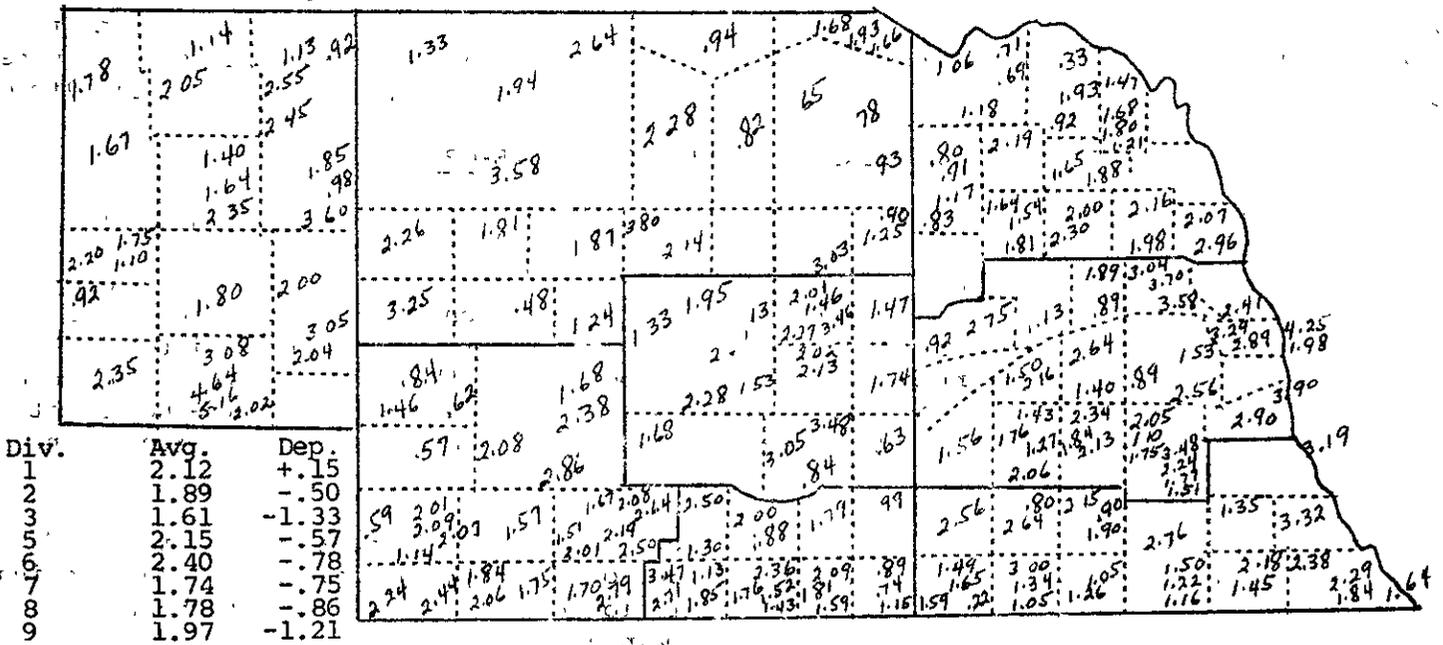
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.04	.38	.93	1.56	2.11	.14	.39	1.42
Total since April 1	10.67	11.01	11.87	10.84	12.61	8.68	10.34	13.98
Normal since April 1	10.13	11.88	13.74	13.09	14.52	11.31	12.98	15.48

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 Official Business

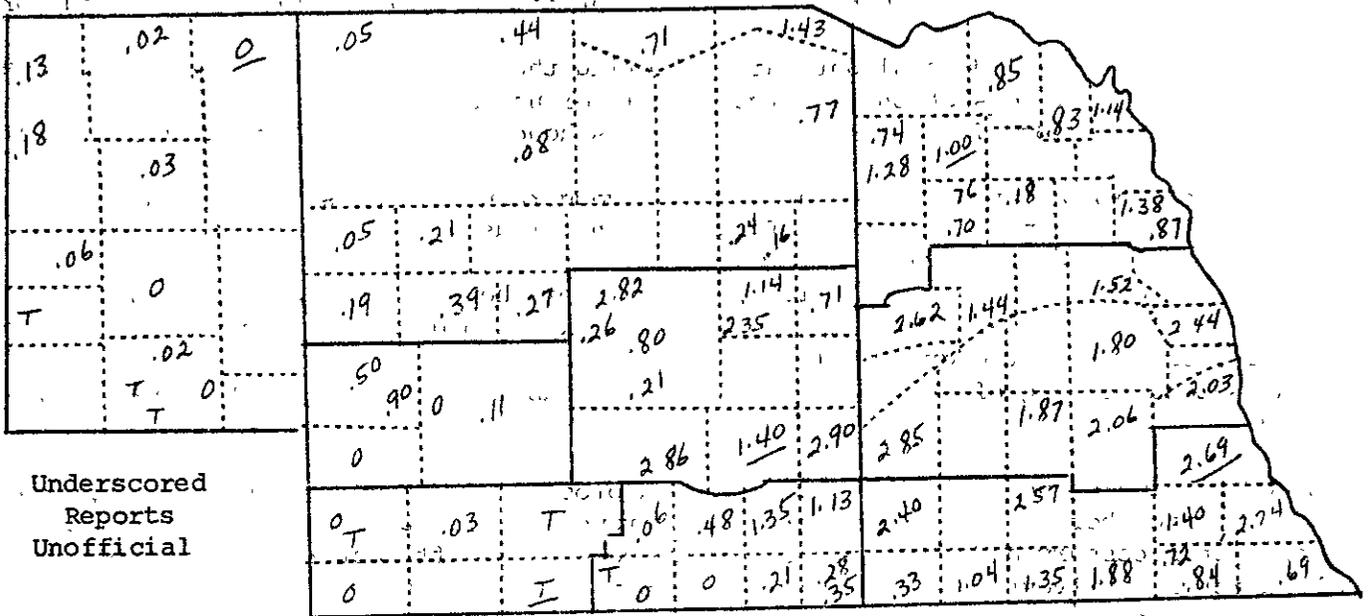


POSTAGE AND FEES PAID  
 U. S. DEPARTMENT OF AGRICULTURE

PRECIPITATION MAP FOR MONTH OF JULY 1970



PRECIPITATION MAP FOR WEEK ENDING AUGUST 7, 1970



HIGHEST AND LOWEST TEMPERATURE (Day-time highs, 6:00 a.m. to 6:00 p.m.;  
 (Night-time lows, 6:00 p.m. to 6:00 a.m., CST)

		August													
		3rd		4th		5th		6th		7th		8th		9th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	71	64	97	71	91	71	97	66	93	59	96	68	73	49
	Scottsbluff	74	60	90	62	91	68	94	65	92	58	93	63	78	53
	Sidney	80	62	91	63	96	66	94	66	91	58	93	60	78	54
NC	Burwell	80	62	88	69	84	68	88	70	90	65	87	67	84	--
	Valentine	76	62	87	67	84	67	85	70	91	65	91	64	81	64
NE	Norfolk	77	63	81	70	79	70	77	72	85	71	83	66	76	67
	Sioux City	81	62	79	70	79	72	78	73	83	71	79	66	74	69
CEN	Grand Island	82	68	93	73	94	74	94	70	92	70	87	70	85	68
EC	Lincoln	80	68	93	76	92	74	89	73	95	75	86	75	76	69
	Omaha	79	65	84	68	83	70	83	71	86	72	81	65	74	67
SW	Imperial	92	70	97	73	96	65	104	62	95	68	93	63	90	63
	North Platte	82	66	93	66	95	71	96	71	92	63	94	64	87	62