

1100 Run 9/5/67

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Division of Agr'l. Statistics  
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NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 9/5/67

Week Ending 9/4/67

WEATHER The weather was cool with frequent periods of light precipitation. Weekly temperature averages ranged from near normal in the Panhandle to 6 to 8 degrees below normal in the east. As a rule, precipitation amounts were so small that they were of little significance, but there were some exceptions. The southern two-thirds of the Panhandle received amounts ranging from a half inch to an inch during mid-week, and portions of the south central had from one to two and a half inches over the weekend. Aurora had two inches and Nelson 2.45 inches.

Warm weather early in the week brought afternoon readings in the 90's on Monday and Tuesday at most places, and a few reached 100 degrees. Culbertson topped the list with 103 degrees. It was cool the rest of the week with night-time temperatures generally in the 40's and 50's. Readings as low as 37 degrees and 38 degrees occurred at a number of points. Although light frost can form at these temperatures, none was reported.

It is possible to have freezing temperatures early in September in the northwestern half of the State. The accompanying map shows the earliest dates of 32 degree temperatures during the 1921-1966 period at representative sites in the State.

CROPS Continued dry weather caused dryland crops to deteriorate. Most counties are short of surface moisture and nearly four-fifths are also short of subsoil moisture. Most Panhandle areas and some local areas in the southeast benefited from rains but much more precipitation is needed.

The corn crop made some progress, but cool nights are causing a lag in maturity. Slightly more than 25 percent of the crop is now in the dent stage with early plantings starting to mature. This compares with last year's 45 percent dented and 5 percent mature. Some late replanted corn is just tasseling. Some dryland fields in the east are firing causing ears to droop and not fill.

Sorghum maturity is slow as plants need more warm weather. There is also uneven maturing within fields. Fields are drying up in areas where little rain has fallen since planting time. These fields will not be cut for grain. Tonnage of forage sorghums is also being reduced by moisture shortages.

About 15 percent of the soybean fields have started turning. Moisture is needed badly for most dryland fields. Weeds are a problem in some fields.

Sugar beets made good progress but are still behind normal in maturing. Cool nights have been favorable for sugar content. Late planted potatoes are making very good progress. Moisture has benefited the set but may cause some blight. Dry beans are maturing with some cut and windrowed. There should be no damage to windrowed beans from the rain if warm weather returns.

About 75 percent of the third crop of alfalfa has been harvested. A few have started cutting the fourth crop. Dry weather and insects in some areas are reducing prospects for a good fourth cutting.

Wheat is being planted in the Panhandle. Elsewhere farmers are preparing seed beds but moisture needs are critical. About 55 percent of the fall seeded legumes have been planted.

LIVESTOCK Livestock condition remained good or better. Some feeder cattle are starting to move to market from range areas.

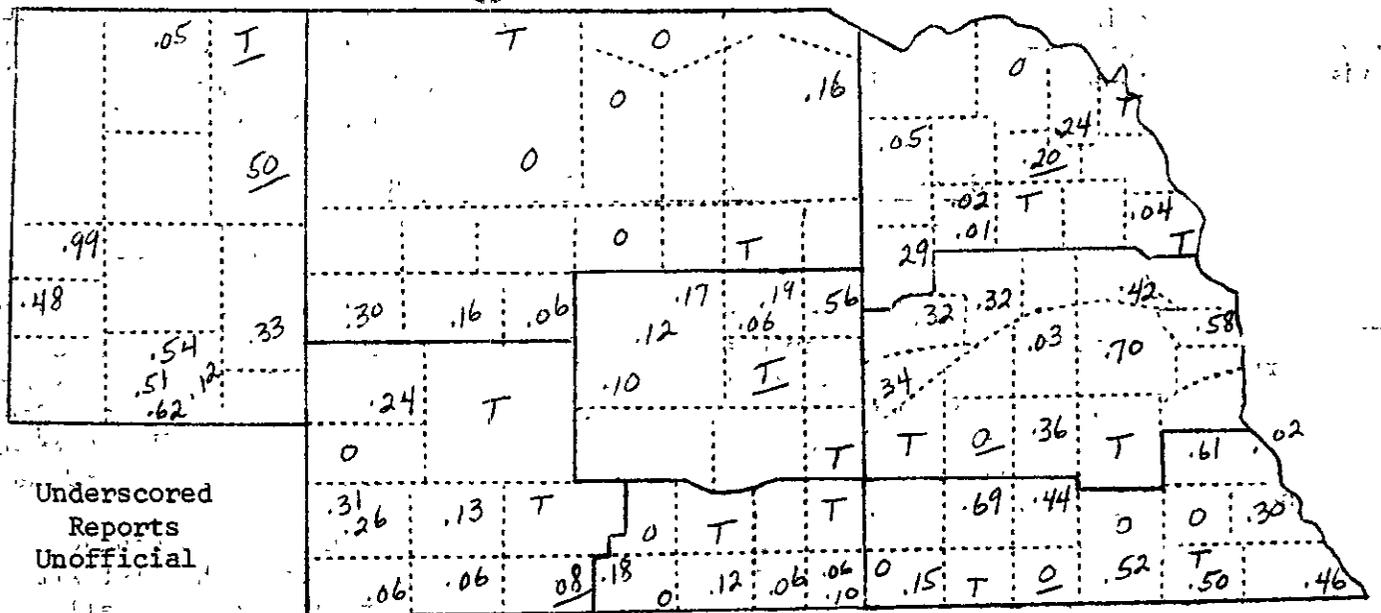
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING SEPTEMBER 3, 1967

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.06	Burwell	.05	Chadron	.05
Lincoln	.18	North Platte	.04	Imperial	.32
Norfolk	.41	Valentine	T	Scottsbluff	.99
Omaha	.97			Sidney	.62
Sioux City	T				

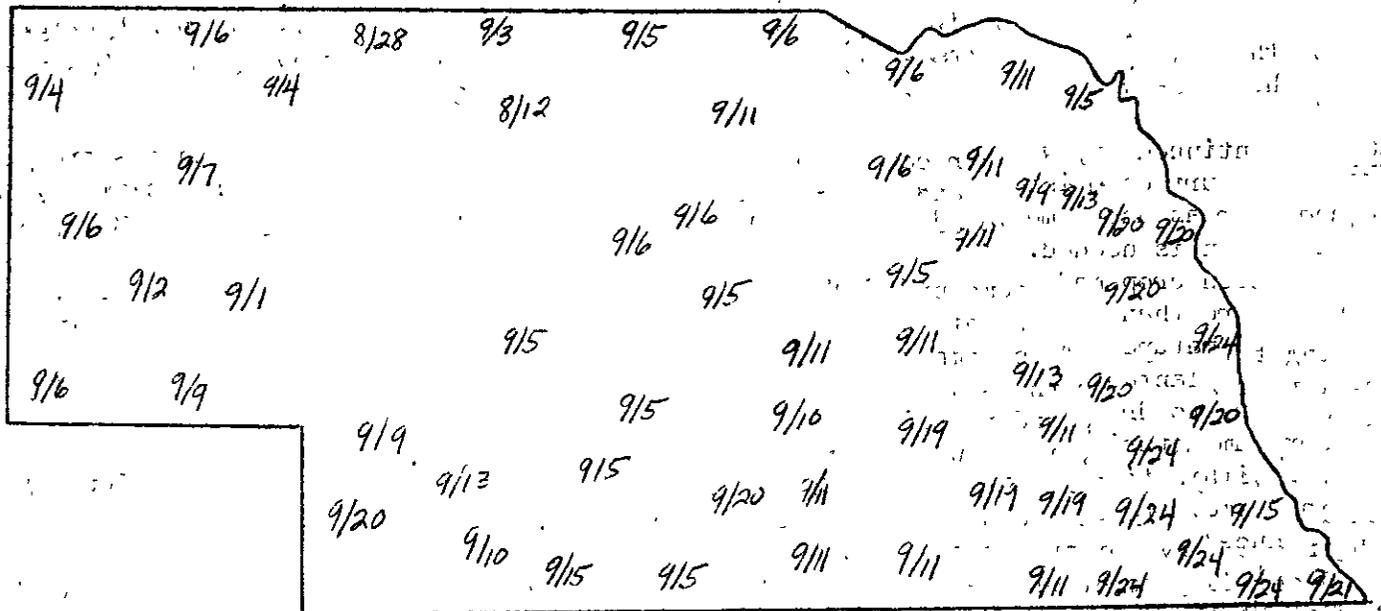
Precipitation, April 1 - September 1, 1967

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.42	.07	.07	.17	.31	.12	.06	.26
Total since April 1	15.94	14.89	18.67	18.25	22.25	15.74	19.79	19.59
Normal since April 1	11.28	13.79	16.18	14.90	17.38	12.96	15.01	18.69

PRECIPITATION MAP FOR WEEK ENDING SEPTEMBER 1967



DATES OF EARLIEST 32° TEMPERATURE IN FALL DURING 1921-1966



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				September									
		28th	29th	30th	31st	1st	2nd	3rd	4th	5th	6th	7th	8th		
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	96	54	81	55	62	56	62	56	79	52	95	59	85	47
	Scottsbluff	93	60	93	60	61	53	58	55	79	48	90	57	87	55
	Sidney	92	58	87	56	60	49	58	49	76	45	88	53	83	51
NC	Burwell	90	64	84	47	74	39	72	49	64	48	72	56	70	56
	Valentine	99	62	83	47	72	42	73	57	72	50	77	55	81	57
NE	Norfolk	88	71	86	51	74	41	70	47	70	49	74	54	61	55
	Sioux City	86	66	85	52	74	44	70	44	69	50	74	60	66	58
CEN	Grand Island	93	65	93	51	75	44	71	54	65	51	73	56	62	56
EC	Lincoln	88	71	91	56	74	49	70	52	68	57	74	58	60	58
	Omaha	86	70	89	54	73	46	68	47	69	55	72	55	63	55
SW	Imperial	99	69	89	59	72	56	67	55	72	46	90	54	80	52
	North Platte	97	69	87	51	70	52	69	53	68	48	80	54	76	55

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