

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 9-18-51 - 11:00 A.M.

Week Ending 9-17-51

WEATHER The week was considerably cooler than normal, with low temperatures near the freezing point over most of the western and central portions of the State Sunday morning; Broken Bow reported a temperature of 31° and Culbertson, 32°. Rainfall ranged from heavy over most of the eastern portion of the State to light in the southwest and mostly occurred early in the week. The latter part of the week was sunny with drying westerly to northerly winds.

CROPS Corn made fair progress during the past week. Temperatures were too low for maximum development. Frost was too light to do any damage. A killing frost would do serious damage because much of the corn is so late, generally ranging from milk to dent stages. Some of the husks have started to brown and a small percentage of the corn could withstand light frost. Nemaha county reported some fields infected with blight.

Twenty-eight percent of the winter wheat had been seeded up to last Saturday. Reports of seeding by districts are as follows: Northwest, 64%; North-Central, 35%; Northeast, 41%; Central, 27%; East-Central, 14%; Southwest, 18%; South-Central, 9%; and Southeast, 7%. Much of the seeding will be done this week if weather permits. About half of the rye has been seeded.

Sorghum showed a slight improvement but the crop is late. Severe damage to the potato crop from late blight is expected in the commercial potato area of western Nebraska, it being reported as the worst in many years. The dry edible bean crop has been damaged badly from rust. The outlook for sugar beets is good.

Part of the third crop of alfalfa has been harvested. The harvest of wild hay was retarded by rains and cutting is still in progress. Ranchers are eager to get some reserve because of the high level of cattle numbers.

About 73% of the alfalfa and 69% of the grasses were seeded up to last Saturday. Wet soil has delayed seeding. The earlier seedings are up and making progress.

The preliminary estimate of thresher-run Nebraska sweet clover seed crop is 52,000 bushels as compared with 174,000 bushels last year and the 1940-49 average of 57,500 bushels. The national sweet clover seed crop, thresher-run, is also down with 833,000 bushels against 1,484,000 bushels last year and the 1940-49 average of 694,000 bushels. Loss in cleaning is estimated at 24%. The national supply of clean seed plus the carryover is estimated at 69 million pounds against 74 million pounds last year and 41 million pounds the 1940-49 average.

COUNTY CORN COMMENTS, SEPTEMBER 15

NORTHWEST DIST. Box Butte: Corn 2 weeks away from maturity. Cheyenne: Corn needs all of the time it can get for maturity. Dawes: Corn needs 2 weeks yet to mature before frost and will still have some soft corn. Scotts Bluff: Except for lateness, corn looks good. Sioux: Corn in early roasting ear stage.

NORTH DIST. Boyd: Very little corn far enough advanced to avoid frost. Garfield: Corn in all stages of maturity, some started to dent. Holt: Some corn dented, needs warm weather. Logan: Corn in roasting ear and soft dough stages.

NORTHEAST DIST. Antelope: Killing frost would damage corn seriously, maturity 3 weeks behind normal. Burt: Corn making good progress, about 50% dented, needs 2 weeks good, dry weather, some husks turning brown. Knox: Corn still 2 weeks behind, many fields not dented. Prospects for maturity very poor. Pierce: Corn in all stages, needs 2 to 3 weeks to mature. Stanton: Corn maturing fairly good, most of it could withstand light frost. Wayne: Corn making slow progress.

CENTRAL DIST. Buffalo: Most corn dented and shucks have dried, some late fields would be damaged by frost. Greeley: Some corn in roasting ear stage, but very little past damage by frost. Howard: Corn maturity slow due to cool weather. Sherman: Corn needs 2 to 3 weeks of frost-free weather. Valley: Corn needs 2 more weeks without frost.

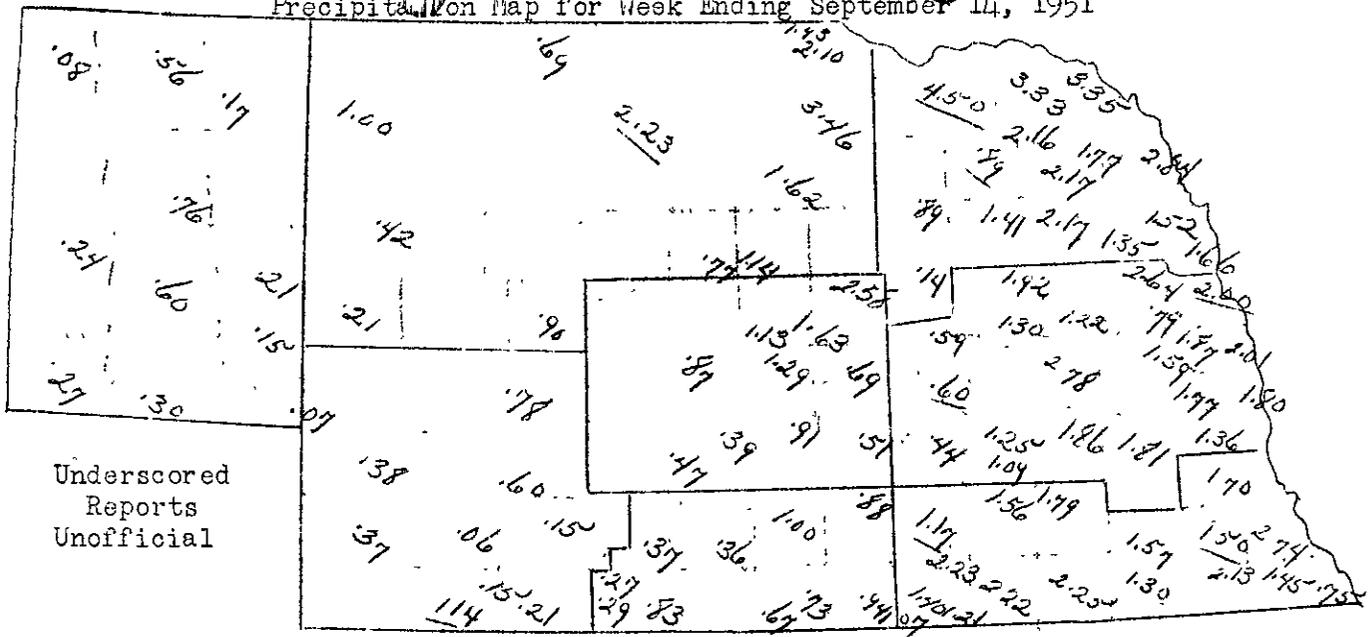
EAST DIST. Butler: Corn needs warmer weather. Cass: If frost stays away until normal date there will be a lot of corn safe. Colfax: Corn needs 3 weeks of good warm, sunny weather, as frost within next 2 weeks would damage most of the corn. Dodge: Much corn now denting, some hardened. Hamilton: Wet weather delayed corn maturity and frost within next few weeks will damage it, some not dented, some starting to dent and some dented. Lancaster: Corn in all stages. Merrick: Earlier corn is safely out of frost danger. Nance: Three more weeks without frost would mature much of the corn. Polk: Corn needs 3 weeks of warm weather. Sarpy: Corn is spotted, 65% past roasting ear stage. Saunders: Late fields needs 3 to 4 weeks of good weather, earlier fields dented. Seward: Corn varies from roasting ear to dent. Washington: Corn needs warm, dry weather.

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Precipitation Map for Week Ending September 14, 1951



HIGHEST AND LOWEST TEMPERATURES (For 24 hours ending in a.m.)

		SEPTEMBER													
		11th		12th		13th		14th		15th		16th		17th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	86	53	71	45	63	38	71	50	69	35	62	37	77	38
	Scottsbluff	85	50	76	42	64	37	72	41	70	44	65	36	81	40
	Sidney	84	50	80	41	61	37	69	40	70	42	61	33	80	36
N-C	Burwell	--	--	--	--	63	41	75	48	70	42	60	36	76	40
	Valentine	80	60	74	45	63	43	69	43	68	39	59	38	77	38
NE	Norfolk	81	57	88	52	65	44	75	47	70	47	61	39	72	43
	Sioux City	79	55	87	56	66	45	74	47	71	46	63	40	71	44
CEN.	Grand Island	81	61	90	51	65	42	74	47	72	47	53	37	72	42
	Lexington	80	53	89	48	66	38	73	41	73	45	63	34	75	38
E-C	Lincoln	82	64	89	59	78	49	76	52	72	51	65	43	70	51
	Omaha	--	--	90	61	78	51	76	50	72	50	65	43	71	50
SW	Imperial	83	56	89	45	62	41	72	41	72	44	64	35	81	42
	North Platte	82	60	88	46	64	39	72	45	72	45	60	36	80	40

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING SEPTEMBER 17, 1951

Eastern Division		Eastern Div., Cont'd.		Central Division		Western Division	
Albion	1.51	Hastings	1.02	Broken Bow	.85	Alliance	.35
Ashland	.83	Lincoln	.69	Burwell	1.14	Chadron	.56
Auburn	1.94	Norfolk	1.09	Cambridge	.09	Culbertson	.02
Beatrice	1.48	Oakdale	1.92	Holdrege	.24	Imperial	.45
Columbus	1.21	Omaha	1.08	Lexington	.53	Kimball	.27
Fairbury	1.97	Red Cloud	.74	North Loup	1.63	Scottsbluff	.24
Fairmont	1.40	St. Paul	.71	North Platte	.77	Sidney	.34
Falls City	.55	Tekamah	1.07	O'Neill	1.36		
Fremont	.79	Wakefield	1.37	Ravenna	.89		
Grand Island	.55	York	1.06	Valentine	.41		
Hartington	1.37						
Average this week		1.16		0.79		0.32	
Total since April 1		29.79		22.97		16.59	
Normal since April 1		19.46		16.48		13.18	

(Issued by the Weather Bureau and the State and Federal Departments of Agriculture)

SOUTHWEST DIST. Chase: Severe hail damaged corn, 90% past roasting ear stage and 60% would not be injured by light frost. Dundy: Corn is late. Frontier: Hail damaged corn, much of it too late. Hayes: Corn 3 weeks behind, much will be damaged by early frost. Perkins: Corn needs 2 weeks of warm, dry weather. Red Willow: Corn needs 10 days of warm weather, only a few fields dented.

SOUTH-CENTRAL DIST. Adams: Three weeks of good weather will mature corn. Franklin: Thirty-five percent to 40% of corn started to dent but cool weather is holding it back. Gosper: Corn needs 10 to 14 days to mature. Harlan: Probably, 80% of corn dented, warm, dry weather is needed. Kearney: Corn making excellent progress. Phelps: Corn needs sunshine and warm weather, most of it would be damaged by frost now. Webster: Twenty-five percent of corn reached denting stage, very little in hard dough stage, needs frost-free weather until October 15.

SOUTHEAST DIST. Clay: Most of the corn dented, corn needs warm, drying weather. Fillmore: Much of the corn past danger from frost, 30% would be damaged. Gage: Corn spotted and late. Johnson: Small acreage past frost damage. Nemaha: Corn in all stages, some fields are infected with blight. Otoe: Twenty-five percent to 30% of corn may mature normally. Pawnee: Corn needs warm, dry weather. Richardson: Corn needs maturing weather. Saline: Ten percent of corn just past silk stage. Thayer: Corn 50% dented, some husks turning brown, balance in various stages of maturity, some late roasting ears to dent.