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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 5/1/64

Week Ending 6/1/64

WEATHER The warm weather of the previous week continued through Monday with afternoon temperatures in the upper 80s and 90s or about 15 to 25 degrees above normal. The remainder of the week had cool, cloudy days, but the nights remained mild until near the weekend when minima temperatures also dropped below normal. By Sunday morning it was unseasonably cold with temperatures 3 to 20 degrees below normal. Readings Sunday morning ranged from the upper 20s to the lower 40s and there was widespread frost and freezing temperatures. A temperature of 31 degrees established a new record for the coldest at the North Platte station for so late in the season. Weekly mean temperatures ranged from two to six degrees below normal.

Heavy local thundershowers in the east central portion of the State early in the week gave some brief flooding and increased the average precipitation for that area. Otherwise frequent scattered light showers brought varying amounts of precipitation. The central and northern portions averaged less than a half inch, but elsewhere amounts averaged between one-half inch and an inch. Some places reported light precipitation on four or more days.

Growing season precipitation is now below normal except in the northeast and east central divisions.

CROPS Winter wheat heads are filling in the east and south while in the Panhandle the crop is heading. Lower temperatures slowed deterioration of the crop in dry areas. Rains improved soil moisture supplies where they fell, but several areas were missed and remain quite dry. Most winter barley fields have headed and oats are nearing the heading stage. These crops will probably mature on short straws. Damage from frost on the 31st has not been appraised at the time of this report.

Corn planting is more than 90 percent complete, which is about normal for this date. Replanting has been necessary in some areas where heavy rains fell and severe washing occurred. Most of the corn has come up to good stands although germination was sometimes slow and uneven because of dry soil conditions. Cultivation has begun on the early planted fields. Planting of sorghums and soybeans moved at a rapid pace last week and seeding is now about two-thirds completed. Dry beans and potato planting is underway in the Panhandle. Thinning and blocking of sugar beets continues. Fields are relatively free of weeds and the beets are making good progress. Cool temperatures slowed the use of irrigation water during the past week. Most of the water was used on legume fields and, in a few instances, on recently planted fields to induce germination of seeds in the dry soil.

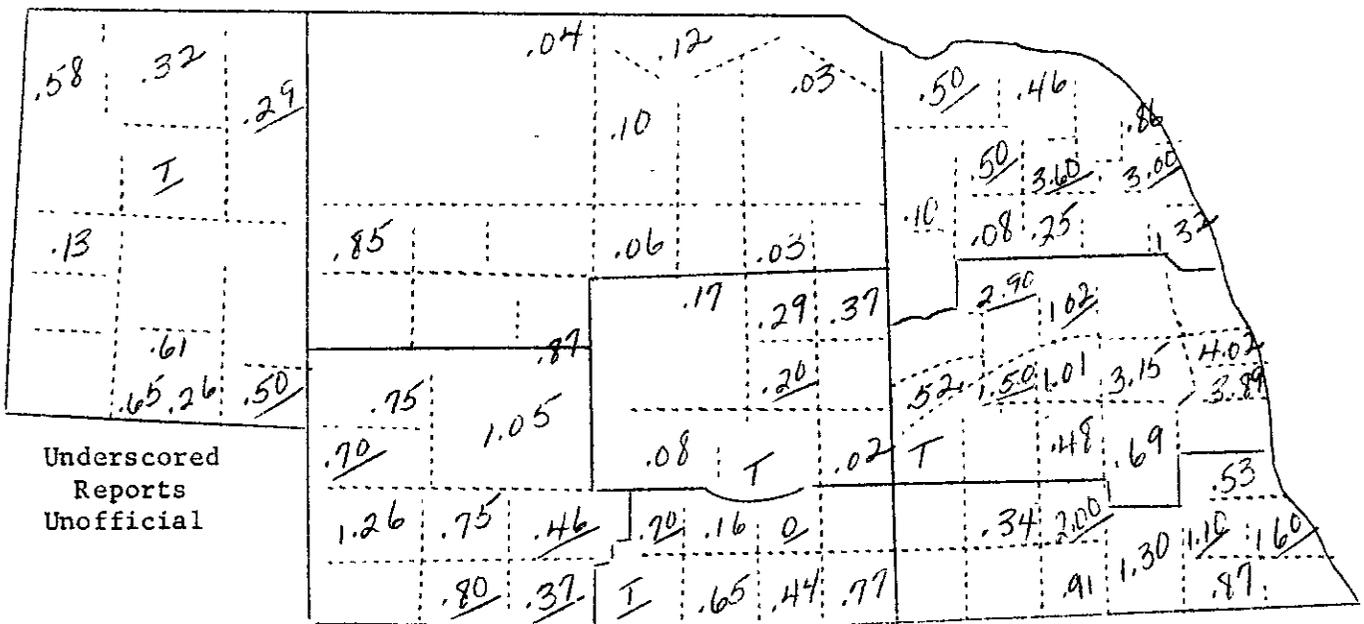
Harvest of the first cutting of alfalfa is underway. In the central and south central areas plant growth was limited by lack of moisture and yields are light. Frost caused considerable damage to the crop in the northwest. Pasture and range conditions vary across the State. In areas where rainfall has been adequate, growth has been good, but in areas of light precipitation, growth has been slow and the grass is short.

LIVESTOCK Most cattle are now on summer ranges and pastures. There has been some increased movement of cattle to market from dry areas because of short pastures. In the west some early lambs have gone to market. Most livestock are in a thrifty condition.

June 1, 1964

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PRECIPITATION MAP FOR WEEK ENDING MAY 29, 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)

		May 26th		27th		28th		29th		30th		31st		June 1st	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	80	50	55	40	54	48	61	49	57	43	59	33	64	42
	Scottsbluff	90	54	58	49	53	46	62	47	57	43	52	40	62	45
	Sidney	90	52	50	47	51	44	63	47	50	42	50	35	59	44
NC	Burwell	94	53	71	52	70	53	69	40	69	49	67	31	70	47
	Valentine	85	55	68	52	67	50	68	49	64	44	63	31	68	48
NE	Norfolk	97	63	70	53	70	53	67	44	69	52	68	36	68	49
	Sioux City	90	66	72	53	70	50	66	55	68	54	68	42	68	49
CEN	Grand Island	99	61	73	56	69	55	70	42	69	52	65	36	70	42
EC	Lincoln	93	65	74	59	65	55	66	45	67	55	68	44	69	44
	Omaha	89	64	69	57	65	52	64	51	67	55	69	43	67	48
SW	Imperial	96	58	62	48	52	47	64	46	57	47	54	35	63	44
	North Platte	93	59	67	51	59	50	66	46	59	49	60	31	66	43

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JUNE 1, 1964

East	Central	West
Grand Island .02	Burwell T	Chadron .66
Lincoln .03	North Platte 1.22	Imperial 1.20
Norfolk .07	Valentine .29	Scottsbluff .21
Omaha 3.16		Sidney .66
Sioux City .86		

	Precipitation, April 1 - May 29, 1964							
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.43	.28	.48	.15	1.72	.84	.51	.79
Total since April 1	4.38	5.05	7.08	3.98	8.15	4.63	3.16	5.63
Normal since April 1	4.56	5.13	5.70	5.48	5.81	4.88	5.49	6.30