

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 9/20/49 - 11:00 A.M.

WEEK ENDING 9/19/49

WEATHER THE PERIOD AVERAGED COOL, WITH LIGHT TO MODERATE RAINFALL AFTER THE HEAVY RAINS OF 1 TO 3 INCHES IN MUCH OF THE EASTERN THIRD OF THE STATE ON THE 10TH-12TH. FROST, WITH TEMPERATURES OF 30 TO 32, OCCURRED IN NORTH-CENTRAL COUNTIES AND THE PANHANDLE ON THE 13TH, AND LIGHT FROST IN MOST LOCALITIES IN OTHER PORTIONS.

CROPS MATURITY OF CORN WAS DELAYED DURING THE PAST WEEK BECAUSE OF BELOW NORMAL TEMPERATURES. LIGHT FROST WAS REPORTED IN MANY PARTS OF THE STATE, AND LATE CORN ON LOW LANDS WAS DAMAGED TO SOME EXTENT. MOST OF THE CROP WILL NEED FROM TWO TO THREE WEEKS TO FULLY MATURE, AND SOME OF THE VERY LATE PLANTED CORN CANNOT MATURE BEFORE A NORMAL FROST IN OCTOBER. THE CORN CROP IN THE NORTHEASTERN PART OF THE STATE IS MORE ADVANCED THAN IN OTHER AREAS AND COULD PROBABLY WITHSTAND A FROST NOW WITHOUT APPRECIABLE DAMAGE. HIGHER TEMPERATURES AND LOW HUMIDITY ON SUNDAY AND MONDAY OF THIS WEEK HAVE BEEN VERY FAVORABLE FOR HASTENING THE MATURITY OF CORN.

FROST CAUSED SOME DAMAGE TO LATE DRY BEANS AND ALSO KILLED SOME OF THE MORE TENDER GARDEN CROPS. POTATOES IN THE PANHANDLE WERE FROSTED SOME, AND YIELDS ON A FEW FIELDS MAY BE REDUCED MATERIALLY. HARVEST OF DRY BEANS IS WELL UNDER WAY, AND THE SAFFLOWER CROP WILL BE HARVESTED WITHIN A WEEK OR TWO.

SEEDING OF WINTER WHEAT PROGRESSED RAPIDLY DURING THE LAST WEEK, PARTICULARLY IN THE PANHANDLE AND SOUTHWESTERN PARTS OF THE STATE. SEEDING NOW AVERAGES WELL OVER TWO-THIRDS COMPLETED IN THE WESTERN AND NORTHERN AREAS OF THE STATE BUT IS JUST GETTING WELL UNDER WAY ELSEWHERE. SOIL HAS BEEN TOO WET FOR PROPER TILLAGE, AND MANY FARMERS WERE WAITING UNTIL AFTER THE FLY FREE DATE BEFORE PLANTING. RECENT FAVORABLE WEATHER HAS DRIED FIELDS SUFFICIENTLY FOR FARMERS TO COMPLETE THE WINTER WHEAT PLANTING. SOIL MOISTURE CONDITIONS ARE GENERALLY EXCELLENT FOR GERMINATION OF SEED, AND SOME AREAS IN THE WESTERN PART OF THE STATE REPORT THAT WHEAT IS COMING UP TO A GOOD STAND. SEEDING OF RYE IS NEARLY COMPLETED, PARTICULARLY IN THE IMPORTANT PRODUCING AREA OF THE STATE. SEEDING OF ALFALFA AND OTHER GRASSES IS NEARING COMPLETION.

HARVEST OF ALFALFA AND RED CLOVER SEED IS WELL UNDER WAY. SOME EXCELLENT YIELDS HAVE BEEN REPORTED FOR BOTH CROPS. HARVEST OF THE FOURTH CROP OF ALFALFA FOR HAY CONTINUES, AND FAVORABLE GROWING WEATHER DURING THE LATTER PART OF AUGUST AND EARLY PART OF SEPTEMBER ASSURES A BETTER THAN AVERAGE YIELD FOR THE LAST CUTTING.

LIVESTOCK LIVESTOCK CONTINUE IN GOOD CONDITION, AND THERE IS A RELATIVELY HEAVY MOVEMENT OF STOCKER AND FEEDER CATTLE FROM THE SANDHILLS TO MARKET. RANGE AND PASTURE FEED HAS SELDOM, IF EVER, BEEN BETTER, AND CATTLE HAVE MADE EXCELLENT GAINS DURING THE LATE SUMMER MONTHS.

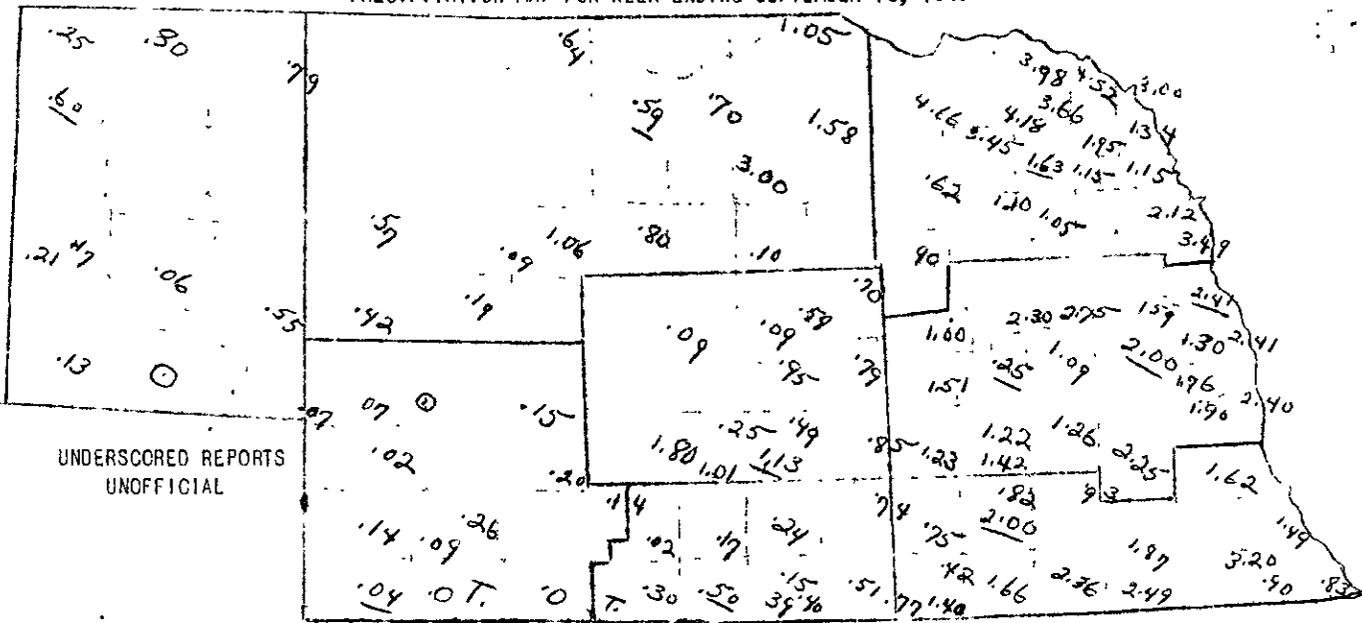
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING SEPTEMBER 19, 1949

<u>EASTERN DIVISION</u>		<u>EASTERN DIV., CON'T.</u>		<u>CENTRAL DIVISION</u>		<u>WESTERN DIVISION</u>	
ALBION	0.39	HASTINGS	.14	BROKEN BOW	.09	ALLIANCE	.17
AUBURN	.15	LINCOLN	0	BURWELL	0	CHADRON	.12
BEATRICE	.43	NORFOLK	.06	CAMBRIDGE	0	CULBERTSON	0
COLUMBUS	.03	OAKDALE	.05	HOLDREGE	.08	HAYES CENTER	0
FAIRBURY	.56	OMAHA	0	NORTH LOUP	.09	KIMBALL	0
FAIRMONT	0	RED CLOUD	.35	NORTH PLATTE	.07	SCOTTSBLUFF	.02
FALLS CITY	.23	ST. PAUL	.10	O'NEILL	.22	SIDNEY	.01
FREMONT	0	TEKAMAH	.05	RAVENNA	.15		
GRAND ISLAND	.14	WAKEFIELD	0	VALENTINE	.25		
HARTINGTON	.16	YORK	.05				
AVERAGE THIS WEEK			0.14		0.11		0.05
TOTAL SINCE APRIL 1			22.79		17.03		13.79
NORMAL SINCE APRIL			19.68		16.60		13.25

THE FOLLOWING RAINFALL REPORTS FOR THE 24 HRS. ENDING AT 6:30 A.M. MONDAY, SEPTEMBER 12TH WERE RECEIVED TOO LATE TO INCLUDE IN LAST WEEK'S WEEKLY WEATHER AND CROP REPORT: ALBION .83, FAIRMONT .51, HARTINGTON 3.62, OAKDALE .11. TAKING THESE CHANGES INTO CONSIDERATION, THE AVERAGE FOR LAST WEEK FOR THE EASTERN DIVISION SHOULD HAVE BEEN 2.67 AND THE TOTAL SINCE APRIL 1ST SHOULD HAVE BEEN 22.65.

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)

PRECIPITATION MAP FOR WEEK ENDING SEPTEMBER 16, 1949



HIGHEST AND LOWEST TEMPERATURES (FOR 24 HRS. ENDING 6:30 A.M.)

		SEPTEMBER													
		13TH		14TH		15TH		16TH		17TH		18TH		19TH	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	53	31	69	35	77	38	85	45	95	40	72	33	74	30
	SCOTTSBLUFF	56	30	68	40	76	40	84	48	95	41	76	32	77	35
	SIDNEY	57	26	70	38	75	38	86	42	91	38	78	30	76	30
N-C	BURWELL	58	31	68	46	67	42	83	48	94	46	73	41	76	38
	VALENTINE	51	31	66	44	72	47	86	53	96	42	73	41	72	38
NE	NORFOLK	64	35	66	44	66	46	74	52	85	51	74	44	76	43
	SIOUX CITY	67	34	64	40	66	47	74	50	83	54	76	43	77	43
CEN.	GRAND ISLAND	66	34	68	49	63	44	84	56	89	5	74	46	79	42
E-C	LINCOLN	65	37	67	47	63	46	70	55	80	61	67	48	81	46
	OMAHA	67	40	65	46	64	46	70	52	78	60	69	47	80	47
SW	HAYES CENTER	62	31	68	43	69	40	89	54	95	50	76	43	79	43
	NORTH PLATTE	62	31	69	47	68	43	86	50	93	49	77	43	77	35

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)

U. S. DEPARTMENT OF AGRICULTURE  
203 P. O. BLDG., BOX 1911  
LINCOLN 1, NEBRASKA

PENALTY FOR PRIVATE USE TO AVOID  
PAYMENT OF POSTAGE \$300

\*\*\*\*\*  
OFFICIAL BUSINESS  
FORM BAE A4-9-49-1054  
PERMIT NO. 1001