

NEBRASKA WEEKLY WEATHER AND CROP REPORT

RELEASED 8/23/49 - 11:00 A. M.

WEEK ENDING 8/22/49

WEATHER TEMPERATURES AVERAGED NEAR NORMAL DURING THE WEEK, WITH WARM WEATHER DURING THE FIRST THREE DAYS, AND AGAIN ON THE LAST DAY OVER THE NORTHWESTERN CORNER OF THE STATE, BUT A COOL PERIOD OCCURRED FROM THE 19TH TO THE 21ST. RAINFALL WAS MOSTLY MODERATE TO HEAVY, BUT A FEW LOCALITIES RECEIVED ONLY LIGHT SHOWERS, AND SOME EXCESSIVE RAINS OCCURRED.

SINCE THE 10TH OF THE MONTH, APPROXIMATELY 9% OF THE CORN AREA OF THE STATE HAS RECEIVED LESS THAN ONE INCH OF RAINFALL, AND OVER 70% HAS RECEIVED TWO INCHES OR MORE.

CROPS DESPITE SOME DAMAGE FROM DRY WEATHER, LATE PLANTING, FLOODED FIELDS IN JUNE AND SOME INSECT DAMAGE, ALL OF WHICH ELIMINATED THE CHANCE FOR A BUMPER CORN CROP, THE PRESENT PROSPECTS ARE FOR A GOOD CROP OF CORN. MR. RUMBAUGH OF THE WEATHER BUREAU HAS CHECKED RAINFALL FROM AUGUST 10 TO THE MORNING OF AUGUST 19 INCLUSIVE; AND ON THE ASSUMPTION THAT THE AREAS BETWEEN THE LOCAL WEATHER OBSERVER STATIONS WOULD AVERAGE OUT, HE ASSUMED 9% OF THE CORN AREA HAS RECEIVED LESS THAN ONE INCH RAINFALL AND OVER 70% HAS RECEIVED TWO INCHES OR MORE.

BARRING EXCESSIVELY HIGH TEMPERATURES AND WIND, IT APPEARS THAT THE MOISTURE REQUIREMENTS OF CORN HAVE BEEN MET; AND IF THE CROP MATURES BEFORE FROST, A GOOD CROP WILL RESULT. CONTINUED COLD, WET WEATHER WITH DELAYED PROGRESS TOWARD MATURITY AND AN EARLY FROST COULD DAMAGE THE CROP BECAUSE IT IS LATE. ON AUGUST 1 ONLY 61% HAD TASSELED AS COMPARED TO 81% TASSELED ON AUGUST 1 A YEAR AGO. REPORTS FOR THE WEEK ENDING SATURDAY INDICATE THAT 2% OF THE CROP HAD NOT TASSELED AS COMPARED WITH 7% A WEEK AGO SATURDAY.

RAINFALL AUGUST 10 TO 19 INCLUSIVE HAS IMPROVED GREATLY THE CONDITION OF THE SEED BED FOR WINTER WHEAT. MOISTURE HAS ALSO IMPROVED THE SOIL FOR LATE PLOWING FOR WINTER WHEAT. SOME SEEDING OF WINTER WHEAT STARTED IN THE PANHANDLE LAST WEEK. MOISTURE IN THAT AREA HAS PUT THE SOIL IN GOOD CONDITION FOR SEEDING. THIS WILL ENABLE THE SEED TO GERMINATE AND GET A GOOD START AS COMPARED WITH THE DRY SURFACE SOIL IN NEBRASKA LAST FALL AT SEEDING TIME OR SOON AFTERWARD.

RAIN HAS BEEN OF REAL BENEFIT TO FORAGE CROPS, PARTICULARLY SORGHUM. THE THIRD CROP OF ALFALFA WAS CUT SHORT BY THE DRY WEATHER BUT THE MOISTURE HAS IMPROVED GREATLY THE PRESENT OUTLOOK FOR A FOURTH CROP. THE MOISTURE SITUATION IS ALSO FAVORABLE FOR SEEDING OF FALL ALFALFA AND GRASS CROPS. WILD HAY HARVESTING IS NEARING COMPLETION WITH ONE OF THE BEST CROPS IN YEARS. MORE HAY IS STACKED IN THE SANDHILL AREAS AND LESS WINDROWING DONE. IN FACT, SOME OF THE WILD HAY WAS HARVESTED WITH FIELD BALERS WHICH, IF PLACED UNDER A ROOF, WILL ENABLE RANCHERS TO HAVE A HIGH QUALITY RESERVE IN THE FUTURE SHOULD WINTER STORMS OCCUR OR DROUGHT CUT THE CROP SHORT.

THE OUTLOOK FOR SUGAR BEETS AND BEANS CONTINUES VERY GOOD. PSYLLID HAS NECESSITATED SPRAYING OF LATE POTATOES. THE EARLY POTATO HARVEST IS NEARING COMPLETION WITH 829 CARS SHIPPED BY AUGUST 20 AS COMPARED WITH OVER 1300 CARS BY THE SAME DATE A YEAR AGO.

COMMENTS ON THE CORN OUTLOOK BY COUNTIES FOR THE WEEK ENDING SATURDAY, AUGUST 20 ARE AS FOLLOWS:

NORTHWEST GORDON, SHOWERS HAVE HELPED THE CORN. KIMBALL, VERY LITTLE GRASSHOPPER ACTIVITY YET. MORRILL, EXCELLENT. SHERIDAN, HAIL DAMAGE IN SOME PARTS OF COUNTY.

NORTH BOYD, UNUSUALLY DAMP CLOUDY WEATHER THURSDAY AND FRIDAY WITH CONTINUAL SLOW RAINFALL. CORN PROSPECTS ARE VERY GOOD. GARFIELD, DRY LAND HELPED BY RECENT RAIN. LOGAN, SOME FIRING DUE TO LACK OF MOISTURE, BUT INTENSE LOCAL SHOWERS HAVE BEEN RECEIVED.

NORTHEAST ANTELOPE, RECENT RAINS THIS WEEK INSURE A GOOD CORN CROP IN ANTELOPE COUNTY. HEAVY WIND DAMAGE TO CORN IN ELGIN AREA. SEVERE WIND DAMAGE TO ALL CORN FIELDS CLEAR ACROSS COUNTY THREE MILES NORTH FROM SOUTH BORDER ON AUGUST 16, LEAVES BADLY STRIPPED. BOONE, CONDITION IMPROVED BY GENERAL RAIN. BURT, MUCH OF CORN IS DENTED OR DENTING, REDUCES DANGERS OF DROUGHT. RAINFALL SPOTTED, SOME LOCAL AREAS STILL NEED RAIN, AND COUNTY COULD USE ONE TO TWO INCHES OF RAIN. CEDAR, RAIN PAST WEEK HELPED CORN A GREAT DEAL. DIXON, CORN LOOKS VERY GOOD EXCEPT FOR A FEW SPOTS. KNOX, PAST WEEK HAD SPOTTED RAIN, MOISTURE GOOD. MADISON, RAINS THE PAST WEEK HAVE IMPROVED THE CONDITION OF THE CORN. SOME OF THE CORN IS PAST THE STAGE OF BEING IMPROVED BY THE RAIN. PIERCE, ENTIRE COUNTY RECEIVED UP TO THREE INCHES RAIN, RELIEVING DRY CONDITION. SOME DAMAGE IN WEST HALF BEYOND REVIVAL TO 100%. STANTON, RAINS DURING THE PAST WEEK WILL HELP CROP.

CENTRAL BUFFALO, ALTHOUGH KEARNEY RECEIVED ONLY .75 INCHES, OTHER PARTS OF THE COUNTY RECEIVED 2-3 INCHES OF RAINFALL, WHICH HAS BENEFITED CORN CROPS CONSIDERABLY. GREELEY, AMPLE MOISTURE; CORN LATER THAN USUAL. HALL, RAIN HAS HELPED. HOWARD, SCATTERED SHOWERS BENEFICIAL TO CROP. SHERMAN, HEAVY RAIN IN PARTS OF COUNTY HELPED SITUATION. VALLEY, PAST WEEK 1.25 TO 3 INCHES PUT CORN IN VERY GOOD SHAPE AGAIN.

EAST DODGE, RAINFALL THE PAST WEEK WILL BE A GREAT BENEFIT TO THE CORN CROP. SOME AREAS WERE SUFFERING TO SOME EXTENT. HAMILTON, RAIN HELPED PROSPECT. LANCASTER, SOME FIELDS SHOWING NITROGEN DEFICIENCY. MERRICK, QUITE AN AREA OF HAIL AND STRONG WIND DAMAGED CORN ACROSS WEST CENTRAL PART OF COUNTY. NANCE, GREATLY AIDED BY RECENT RAINS. PLATTE, HAD A GOOD RAIN. SAUNDERS, RAIN ASSURED NEARLY NORMAL CROP. SEWARD, CORN BORER AND GRASSHOPPERS ARE CAUSING SOME CONCERN. WASHINGTON, GOOD RAINS IN PAST WEEK HAVE PRACTICALLY INSURED A GOOD CORN CROP.

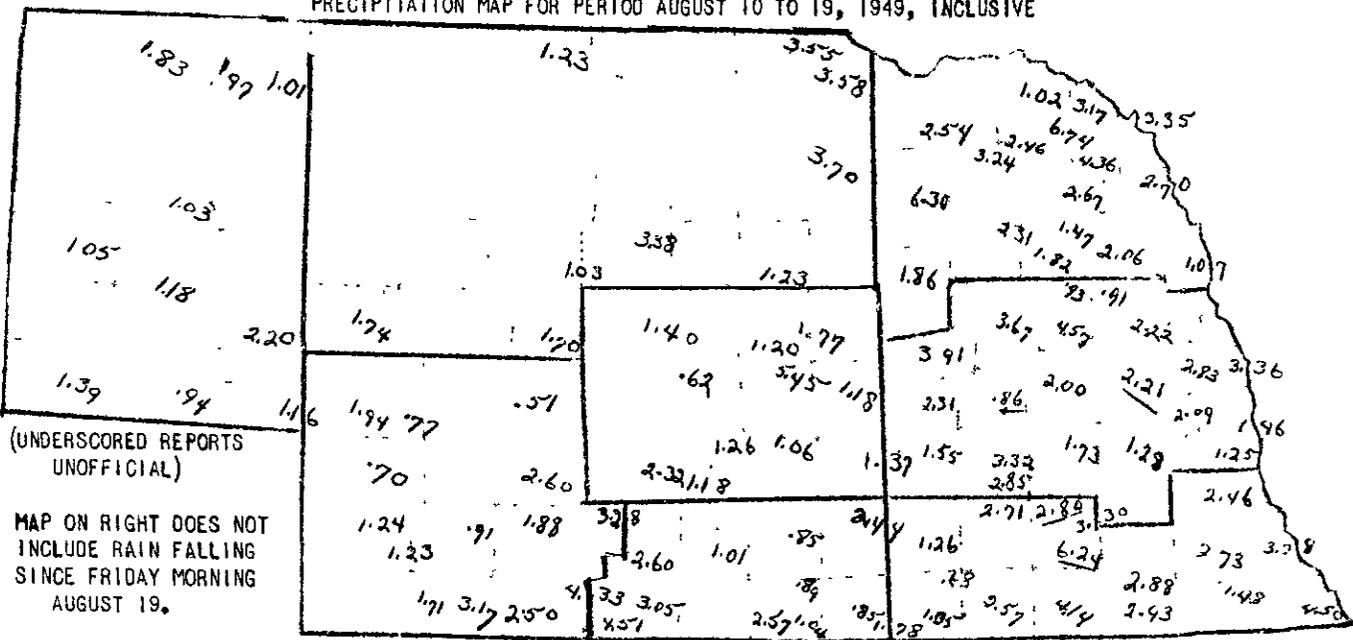
SOUTHWEST DUNDY, RECENT RAIN IS A GREAT HELP TO THE CORN. REDWILLOW, SOME CORN DAMAGED BY HOT WEATHER. RECENT RAINS SHOULD HELP THE CORN A GREAT DEAL.

SOUTH FRANKLIN, CORN IMPROVED BY GOOD RAIN. FURNAS, SOME FIRING FROM EARLIER LACK OF MOISTURE. GOSPER, CORN LOOKS GOOD, EARLY FROST WOULD RESULT IN A LOT OF SOFT CORN DUE TO LATE PLANTING. HARLAN, GROWING RAPIDLY, MOST CORN HAS SHOOTS. KEARNEY, RAIN IN MOST OF THE COUNTY HAS HELPED THE CORN TO CONTINUE IN EXCELLENT CONDITIONS. PHELPS, WHERE DRYLAND CORN IS STANDING STILL, IRRIGATED CORN LOOKS GOOD. GOOD RAINS IN PARTS OF COUNTY, LIGHT IN REST OF COUNTY. WEBSTER, THE CONDITION OF THE CORN SEEMS TO BE SOMEWHAT BETTER DUE TO THE RAIN WHICH FELL DURING THE PAST WEEK.

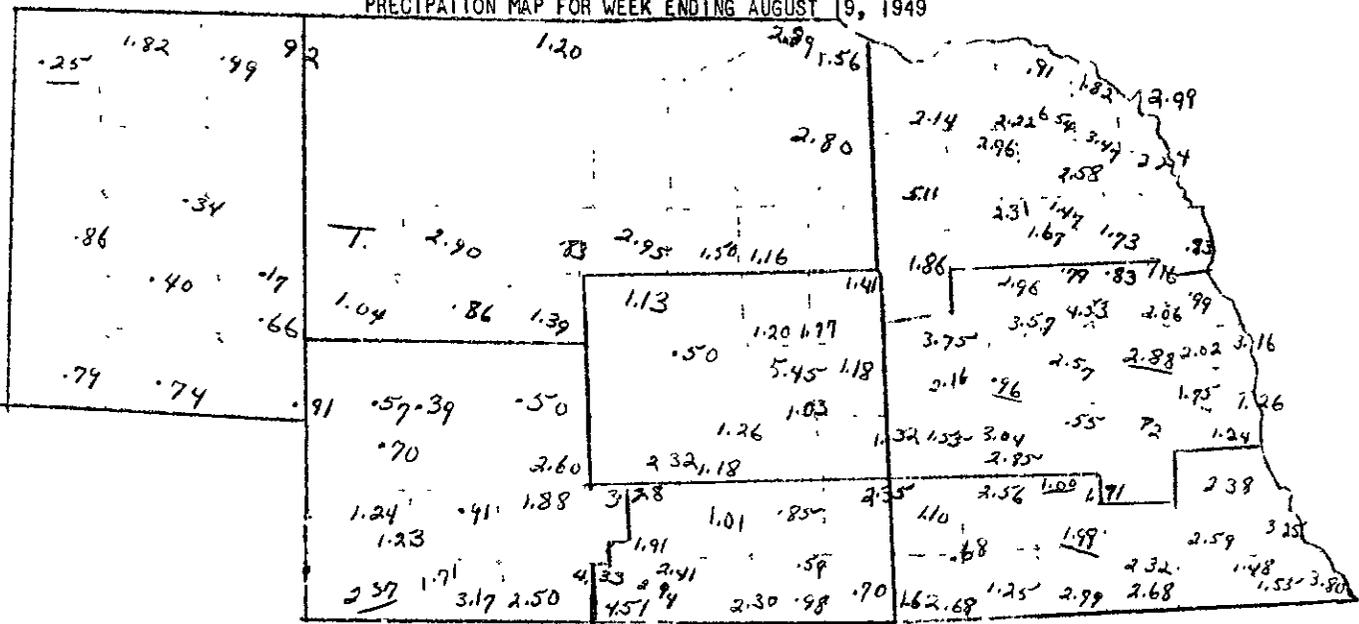
SOUTHEAST CLAY, RAIN MADE PROSPECTS LOOK UP. FILLMORE, CONDITION SPOTTED. GAGE, RAIN HAS HELPED CONSIDERABLY. PROGRESS GOOD. JOHNSON, CONSIDERABLE RAIN, EARLY CORN IS DAMAGED SOME. NEMAHA, RAIN ASSURED NEAR NORMAL CROP. NUCKOLLS, HAVE HAS TWO GOOD RAINS THIS WEEK OVER MOST OF THE COUNTY. CORN REALLY LOOKS GOOD. OTTOE, RECENT RAIN IMPROVED CONDITION OF CORN. PAWNEE, CORN HAS REVIVED SOME PAST WEEK FOLLOWING GOOD RAIN; SOME HAIL DAMAGE; ROOT SYSTEM INADEQUATE. THAYER, EARLY PLANTED FIELDS WILL MAKE GOOD YIELD UNLESS HAILED. LATE FIELDS MATURING WELL. VERY LITTLE GRASSHOPPER DAMAGE.

LIVESTOCK CONDITION OF LIVESTOCK IN THE SANDHILLS IS VERY GOOD. SOME OF THE YEARLINGS ARE NOT QUITE UP TO PAR DUE TO THE SEVERE STORM LAST WINTER. CONTRACTING OF FEEDER CATTLE WHICH HAS BEEN SOMEWHAT SLOW IS NOW PICKING UP AND THE BETTER FEEDER CATTLE ARE BRINGING \$20 TO \$22 PER CWT. IMPROVED OUTLOOK FOR CORN SINCE THE RAIN MAY BE A FACTOR IN THE RECENTLY INCREASED CONTRACTING OF FEEDER CATTLE. NEBRASKA HAS PLENTY OF HAY AND FORAGE, IN ADDITION TO THE PRESENT PROMISING OUTLOOK FOR CORN, BESIDES A LARGE CARRYOVER OF OLD CORN.

PRECIPITATION MAP FOR PERIOD AUGUST 10 TO 19, 1949, INCLUSIVE



PRECIPITATION MAP FOR WEEK ENDING AUGUST 19, 1949



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

		AUGUST 16TH		17TH		18TH		19TH		20TH		21ST		22ND	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	90	51	92	62	83	60	82	58	81	60	—	59	96	65
	SCOTTSBLUFF	83	55	89	59	77	60	87	52	80	55	83	56	92	57
	SIDNEY	88	53	89	54	79	58	85	49	80	51	78	56	93	60
N-C	BURWELL	88	63	91	60	87	65	70	58	74	55	78	56	85	59
	VALENTINE	87	59	90	60	87	62	72	59	77	56	81	62	92	64
NE	NORFOLK	84	65	91	61	91	69	72	62	68	57	75	57	81	63
	SIoux CITY	87	66	91	66	90	67	72	63	74	54	78	51	73	54
CEN.	GRAND ISLAND	89	68	91	65	83	65	83	60	74	56	78	57	85	59
	LINCOLN	87	69	93	69	86	70	80	66	71	60	74	55	80	60
E-C	OMAHA	85	70	92	68	90	70	80	67	70	60	77	54	78	58
	HAYES CENTER	94	59	95	60	85	61	82	53	80	58	78	55	88	59
	NORTH PLATTE	89	57	88	63	80	62	78	54	79	55	78	59	86	64

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

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING AUGUST 22, 1949

EASTERN DIVISION		EASTERN DIV., CON'T.		CENTRAL DIVISION		WESTERN DIVISION	
ALBION	1.32	HASTINGS	2.38	BROKEN BOW	.38	ALLIANCE	.05
AUBURN	1.98	LINCOLN	.58	BURWELL	1.16	CHADRON	.12
BEATRICE	1.46	NORFOLK	1.94	CAMBRIDGE	2.13	CULBERTSON	2.97
COLUMBUS	2.60	OAKDALE	3.76	HOLDREGE	.73	HAYES CENTER	.97
FAIRBURY	1.46	OMAHA	3.14	NORTH LOUP	1.60	KIMBALL	.39
FAIRMONT	1.05	RED CLOUD	.70	NORTH PLATTE	.49	SCOTTSBLUFF	.10
FALLS CITY	1.63	ST. PAUL	.90	O'NEILL	.44	SIDNEY	.29
FREMONT	3.10	TEKAMAH	.57	RAVENNA	.46		
GRAND ISLAND	.72	WAKEFIELD	2.31	VALENTINE	1.19		
HARTINGTON	.57	YORK	2.32				
AVERAGE THIS WEEK		1.74		0.95		0.70	
TOTAL SINCE APRIL 1		18.44		14.83		12.44	
NORMAL SINCE APRIL 1		17.05		14.62		11.83	