

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 8/16/49 - 11:00 A.M.

WEEK ENDING 8/15/49

WEATHER THE WEEK WAS CONSIDERABLY WARMER THAN NORMAL, WITH RATHER HIGH TEMPERATURES ON TWO DAYS OVER THE NORTHERN PORTION OF THE STATE. RAINFALL WAS SPOTTED, MOSTLY MODERATE TO EXCESSIVE IN THE EAST, AND LIGHT TO MODERATE, BUT LOCALLY HEAVY, IN THE CENTRAL AND WEST PORTIONS OF THE STATE. THERE WAS MUCH CLOUDINESS OVER THE MAIN CORN GROWING PORTION OF THE STATE, HIGH HUMIDITY, AND LITTLE WIND, WHICH ALLEVIATED THE EFFECT OF LACK OF MOISTURE OVER THE DRY AREAS.

CROPS THE STATE AVERAGE CONDITION OF CORN SHOWED FURTHER DETERIORATION FOR THE WEEK ENDING SATURDAY. AVAILABLE RAINFALL REPORTS SHOW THAT 7 OUT OF 52 COUNTIES IN THE WESTERN TWO-THIRDS OF THE STATE RECEIVED ADEQUATE RAINFALL AND 16 OUT OF 41 COUNTIES IN THE EASTERN THIRD OF THE STATE RECEIVED ADEQUATE RAINFALL. THERE MAY BE A FEW OTHER UNREPORTED COUNTIES THAT RECEIVED SUBSTANTIAL RAINFALL FOR WHICH REPORTS WILL BE AVAILABLE IN THE NEXT WEEKLY WEATHER AND CROP REPORT. COMMENTS BY COUNTIES FOR THE WEEK ENDING SATURDAY ARE AS FOLLOWS:

NORTHEAST ANTELOPE, CONSIDERABLE FIRING IN SOME AREAS. GOOD RAIN COVERS COUNTY EXCEPTING ELGIN AREA IN THE SOUTH. BURT, BEGINNING TO SHOW EFFECTS OF DROUGHT. NEEDS RAIN. DAKOTA, EXCELLENT CONDITION. BORER MOTHS HEAVY. DIXON, SOME DAMAGE DUE TO CORN BORER. CORN A COMPLETE LOSS IN PONCA AREA DUE TO SEVERE HAIL STORM. MADISON, CORN IS SUFFERING CONSIDERABLY FROM LACK OF MOISTURE. PIERCE, ENTIRE COUNTY NEEDS RAIN. WESTERN HALF OF COUNTY SHOWING DAMAGE. YIELD ALREADY AFFECTED. STANTON, NEEDS ANOTHER 2 INCHES OF RAIN. WAYNE, SOME FIRING THIS WEEK.

EAST CENTRAL BUTLER, DRY. CASS, GRASSHOPPERS BOTHERING, EUROPEAN CORN BORER, SOUTHERN ROOT WORM. COLFAX, CORN IS DAMAGED BY DROUGHT. A RAIN IS NEEDED BADLY. HAMILTON, INSECT DAMAGE SPOTTED. CORN IS SHORT ON MOISTURE. MERRICK, CORN WAS DETERIORATING RAPIDLY LAST FRIDAY. THE SHOWER MAY REVIVE IT SOME. IRRIGATED CORN IS MAKING GOOD GROWTH. NANCE, VERY DRY. SOME FIRING. PLATTE, DRY WEATHER. SARY, DRYING WEATHER TOO SOON. NEED RAIN. SAUNDERS, RAIN NEEDED. SEWARD, ONE AND ONE-HALF INCH RAIN HELPED PROSPECTS. WASHINGTON, CORN STILL LOOKS GOOD.

SOUTHEAST CLAY, LIGHT RAIN AIDED. STILL NEED MOISTURE. FILLMORE, CONDITION SPOTTED. PARTS OF COUNTY GOOD. RAINS SPOTTED. GAGE, NEED RAIN. TOPSOIL DRY. HOPPERS DOING SOME DAMAGE. JOHNSON, CONDITION DRY. NEMAHA, CONSIDERABLE DAMAGE TO CORN THIS PAST WEEK ESPECIALLY ON POOR GROUND. CORN LOOKS GOOD ON CLOVER, ALFALFA AND FERTILIZED GROUND. OTOE, CORN IS SHOWING SIGNS OF LACK OF MOISTURE. CONSIDERABLE FIRING IS EVIDENT THROUGHOUT THE COUNTY. PAWNEE, SOME DETERIORATION IN PAST WEEK FROM DRY WEATHER. INSUFFICIENT ROOT SYSTEM. THAYER, MATURING NICELY. RAINS WILL ALMOST INSURE CROP UNLESS PROLONGED HOT WINDS OCCUR. FIELDS IN NORTHWEST PART OF COUNTY NEED RAIN.

CENTRAL BUFFALO, SOME DRY LAND CORN IS BURNING FOR LACK OF WATER. GREELEY, LITTLE FIRING BUT CORN NEEDS RAIN. HALL, CONSIDERABLE DROUGHT DAMAGE. HOWARD, DRY LAND CORN NEEDS MOISTURE. SHERMAN, CONTINUED DRY. VALLEY, CORN DETERIORATED THIS WEEK DUE TO LACK OF MOISTURE AND VERY HOT WEATHER. SOME BURNING OF LEAVES IS OCCURRING IN WEEDY FIELDS AND ON CERTAIN SOIL TYPES.

SOUTH CENTRAL FRANKLIN, CORN NEEDS RAIN, LEAVES ROLLING, CORN ROOT WORM DAMAGE. HARLAN, CORN NEEDS GOOD RAIN. KEARNEY, EXCELLENT GROWING CONDITIONS. NEED FOR RAIN NOT SEVERE. PHELPS, DRY LAND CORN NEEDS RAIN. STARTING TO BURN. WEBSTER, THE CORN IS BEGINNING TO NEED MOISTURE VERY BADLY.

SOUTHWEST CHASE, RAIN IS NEEDED. APHIDS ARE WORKING IN THE CORN CROP. DUNDY, RAIN HAS FALLEN IN SOME PLACES MUCH HEAVIER THAN AT BENKELMAN. FRONTIER, CORN HAS NOT SHOWN DAMAGE TO A GREAT EXTENT AS YET. A GOOD GENERAL RAIN IS NEEDED TO FULFILL THE WONDERFUL PROSPECT WHICH IS APPARENT. CONTINUED DRY WEATHER WILL START THE YIELD PROSPECTS DOWN FROM NOW ON. HAYES, CORN IS GETTING DRY. HITCHCOCK, SHORTAGE OF MOISTURE. PERKINS, NEED RAIN BADLY. RED WILLOW, SOME CORN SHOWING EFFECT OF HOT WEATHER.

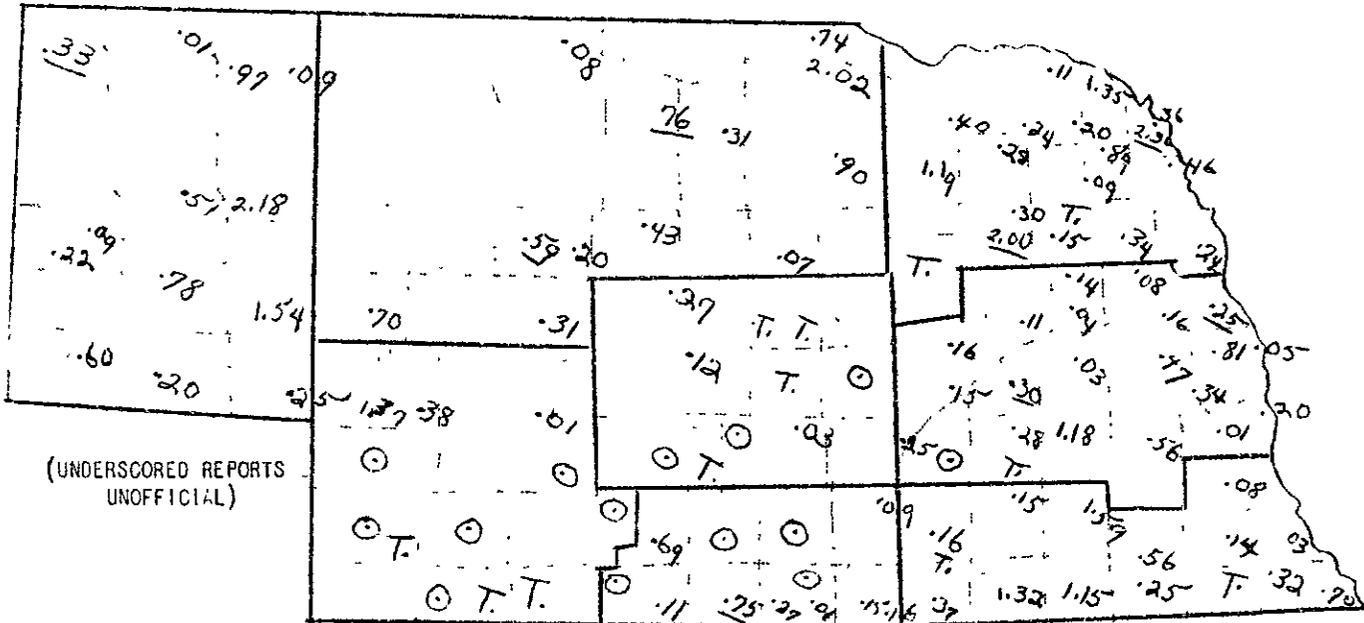
NORTHWEST DAWES, DRY WEATHER. MORRILL, EXCELLENT. SHERIDAN, SHORT OF RAIN. HAD SOME HAIL.

NORTH CENTRAL BOYD, SCATTERED SHOWERS THROUGHOUT THE COUNTY. RAINS RANGE FROM LIGHT TO HEAVY. SOME CORN DAMAGE BEFORE RAIN CAME. PROSPECTS ARE GOOD FOR 1949 CORN CROP. GARFIELD, DRY LAND CORN NEEDS RAIN. LOGAN, LACK OF RAINFALL.

THE FOREGOING COMMENTS WERE MADE SATURDAY MORNING FOLLOWING THE RAINS THAT OCCURRED AROUND WEDNESDAY, BUT PRIOR TO THE RAINS SATURDAY NIGHT AND SINCE THEN. THEREFORE, THE OUTLOOK HAS CHANGED FOR THE BETTER IN THE ADDITIONAL COUNTIES THAT RECEIVED SUBSTANTIAL RAIN SINCE SATURDAY. THE HIGH HUMIDITY OF THE PAST WEEK HAS BEEN IN FAVOR OF THE CORN CROP AS IT SLOWED DETERIORATION. EVEN WITH THE DAMAGE SUSTAINED SO FAR, THERE IS STILL A CHANCE FOR A GOOD CORN CROP, IF THE STATE GETS AMPLE RAIN FROM NOW ON, AND TEMPERATURES AND WINDS DO NOT GET TOO HIGH.

SORGHUMS, DRY EDIBLE BEANS AND SUGAR BEET CROPS ARE MAKING GOOD PROGRESS. PASTURES HAVE CURED OR ARE CURING AND TURNING BROWN. THE THIRD CROP OF ALFALFA WILL BE SHORT BECAUSE OF INSUFFICIENT MOISTURE.

PRECIPITATION MAP FOR WEEK ENDING AUGUST 12, 1949



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

		AUGUST													
		9TH		10TH		11TH		12TH		13TH		14TH		15TH	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	96	61	86	55	94	2-	100	55	98	60	95	63	95	54
	SCOTTSBLUFF	95	61	85	59	89	-	93	56	91	57	93	58	90	57
N-C	SIDNEY	93	53	89	60	91	58	95	52	96	54	93	53	88	50
	BURWELL	89	68	88	62	89	67	98	64	99	66	93	70	88	66
NE	VALENTINE	94	70	83	63	90	67	102	66	98	65	93	69	91	62
	NORFOLK	93	71	88	66	91	73	97	68	100	65	80	67	86	69
CEN.	SIoux CITY	93	72	88	68	87	71	94	67	93	66	86	69	89	67
	GRAND ISLAND	92	69	88	68	90	72	98	67	100	69	85	65	88	64
E-C	LINCOLN	91	72	89	71	86	74	95	75	96	75	82	66	84	70
	OMAHA	91	72	89	74	85	72	94	71	94	74	88	71	86	72
SW	HAYES CENTER	92	62	87	60	93	63	98	66	98	60	93	61	90	59
	NORTH PLATTE	90	66	85	62	91	60	96	64	99	64	90	68	87	61

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

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING AUGUST 15, 1949

EASTERN DIVISION		EASTERN DIV., CON'T.		CENTRAL DIVISION		WESTERN DIVISION	
ALBION	.54	HASTINGS	.30	BROKEN BOW	.24	ALLIANCE	.98
AUBURN	1.30	LINCOLN	.70	BURWELL	.07	CHADRON	1.71
BEATRICE	2.47	NORFOLK	.67	CAMBRIDGE	1.20	CULBERTSON	0
COLUMBUS	1.08	OAKDALE	2.54	HOLDREGE	.28	HAYES CENTER	.04
FAIRBURY	2.68	OMAHA	.22	NORTH LOUP	.02	KIMBALL	1.00
FAIRMONT	1.66	RED CLOUD	.15	NORTH PLATTE	.02	SCOTTSBLUFF	.94
FALLS CITY	2.90	ST. PAUL	.28	O'NEILL	3.29	SIDNEY	.40
FREMONT	1.54	TEKAMAH	.78	RAVENNA	.60		
GRAND ISLAND	.65	WAKEFIELD	2.05	VALENTINE	.09		
HARTINGTON	.49	YORK	1.25				
AVERAGE THIS WEEK		1.21		0.64		0.72	
TOTAL SINCE APRIL 1		16.70		13.88		11.74	
NORMAL SINCE APRIL 1		16.24		14.01		11.38	