

NEBRASKA WEATHER & CROPS

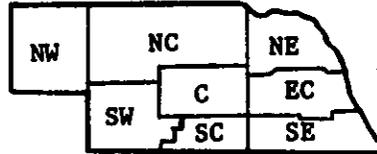
Kan 1900 6/13/88



For Week Ending June 12, 1988

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National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UNL

WEATHER

Hot and mainly dry weather featured the State this past week. Widely scattered thunderstorms produced amounts of a few hundredths of an inch. Isolated areas in the Panhandle had up to one inch of rainfall. Average temperatures ranged from one to eleven degrees above normal.

GENERAL

Warm temperatures and isolated rainfall this past week did little to relieve the drought-like conditions being experienced in many areas of the State, according to the Nebraska Agricultural Statistics Service. Areas of the Panhandle, North Central and Central Districts did receive some heavier amounts of precipitation late in the weekend. Row crop planting was nearing completion over most of the State. This allowed producers to direct their attention to harvesting alfalfa, cultivating, sidedressing anhydrous, spraying for weeds and insects and summer fallow operations. Days suitable for fieldwork averaged 6.7.

Topsoil moisture rated 75% short and 25% adequate. Subsoil moisture rated 49% short, 49% adequate and 2% surplus. Last year, topsoil moisture rated 10% short, 71% adequate and 19% surplus. Subsoil moisture was rated 81% adequate and 19% surplus.

CROPS

Winter wheat condition rated 20% poor, 52% fair and 28% good. The crop was 96% headed compared to 100% last year and 90% average. Thirty percent of the crop was turning color compared to 44% last year and 24% average. The presence of wheat streak mosaic still has producers concerned over its affect on the crop.

CROPS (Cont.)

Emergence of the corn crop was virtually complete. Corn condition rated 1% poor, 47% fair, 51% good and 1% excellent. Corn borer, cutworms and white grubs were found in some East Central and Southeast fields. Herbicide damage to the crop has been higher than normal in the drier areas this year.

Soybeans were 99% planted compared to 95% last year and 91% average. The crop was 90% emerged compared to 81% last year and 73% average. Bean leaf beetles were reported in the Northeast with leaf hoppers showing up in the Southeast. Soybean condition rated 10% poor, 34% fair and 56% good.

Sorghum was 97% planted compared to 92% last year and 89% average. The crop was 85% emerged compared to 78% last year and 72% average. Producers were busy spraying for greenbugs which were active in East Central, Southeast and South Central fields. Sorghum condition rated 2% poor, 51% fair and 47% good.

Alfalfa hay condition rated 9% poor, 73% fair, 15% good and 3% excellent. The first cutting of alfalfa was 80% complete compared to 83% last year and 66% average. Alfalfa weevils and dry weather appear to have reduced the first cutting of alfalfa and are slowing second crop growth.

LIVESTOCK

Pasture and range feed supplies rated 53% short and 47% adequate. As dry conditions continue, producers are preparing to feed supplemental hay if the situation does not improve in the drier areas of the State. Fly season is here and producers were busy with control measures earlier than normal.

Precipitation, April 1 - June 10, 1988

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week00	.07	.29	.15	.63	.00	.15	.10
Total since April 1	7.89	8.60	6.52	7.72	5.61	7.87	4.60	6.02
Normal since April 1	5.83	6.72	7.73	7.29	8.24	6.07	7.06	8.17

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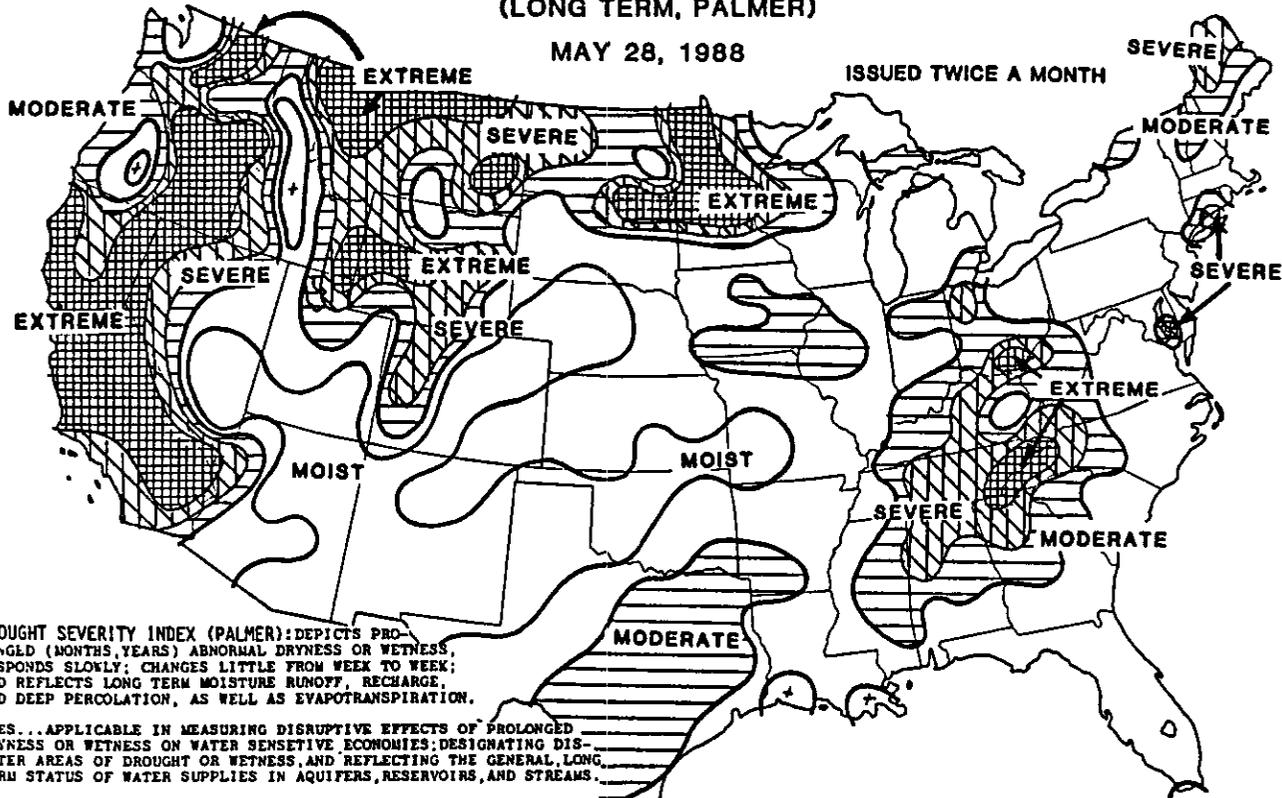
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DROUGHT SEVERITY (LONG TERM, PALMER)

MAY 28, 1988

ISSUED TWICE A MONTH



DROUGHT SEVERITY INDEX (PALMER): DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.

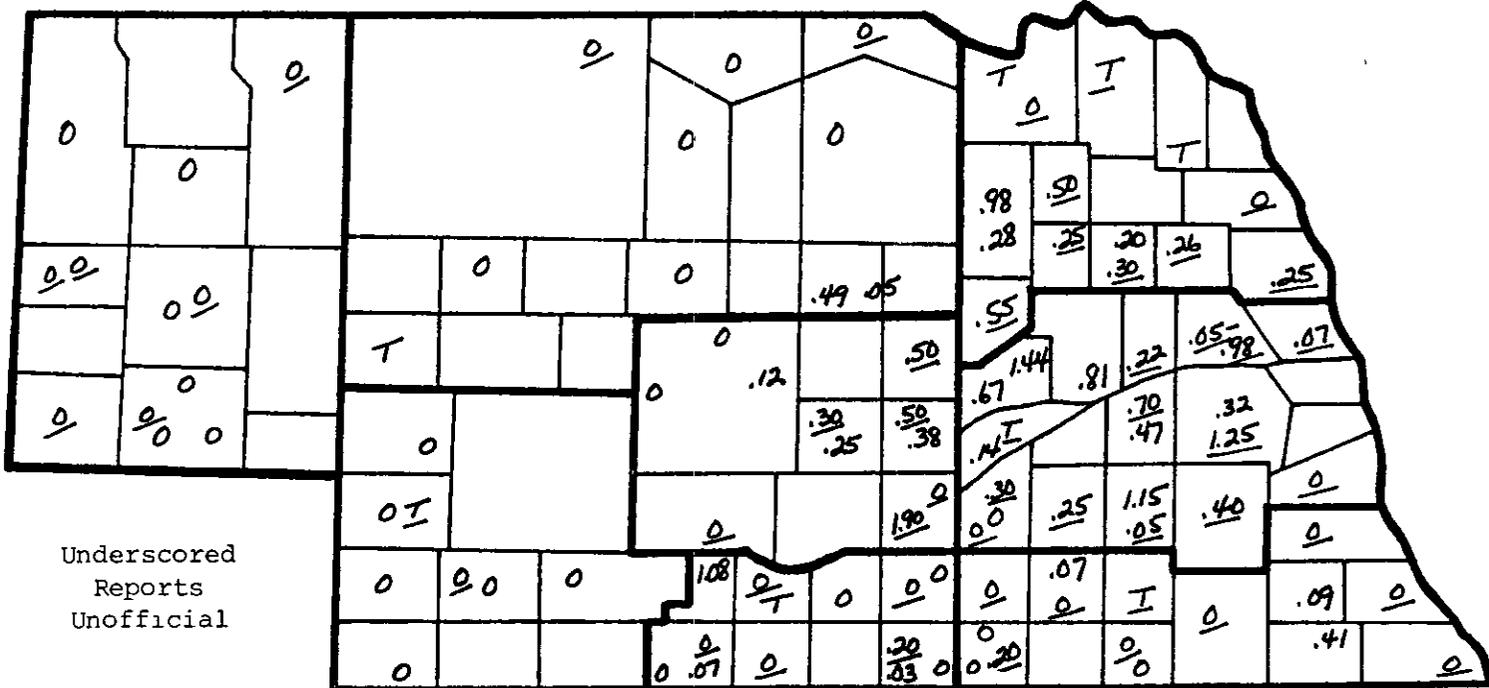
USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES; DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS, AND REFLECTING THE GENERAL, LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.

LIMITATIONS... IS NOT GENERALLY INDICATIVE OF SHORT TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Based on preliminary reports

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 10, 1988



Underscored Reports Unofficial

TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JUNE 12, 1988

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches ^{1/}
	Max	Min			
NW Chadron	99	49	71	--	0
Scottsbluff	95	54	73	+7	.91
Sidney	96	53	73	--	.02
NC Ord	--	--	--	--	--
Valentine	103	55	77	+11	.05
NE Norfolk	93	45	73	+4	.22
Sioux City	95	46	72	+3	T
CEN Grand Island	99	53	75	+5	.05
EC Lincoln	93	44	72	+1	.03
Omaha	90	56	73	+3	.01
SW Imperial	99	58	76	--	.05
North Platte	99	54	75	+8	0

^{1/} Precipitation totals not included in map above.