

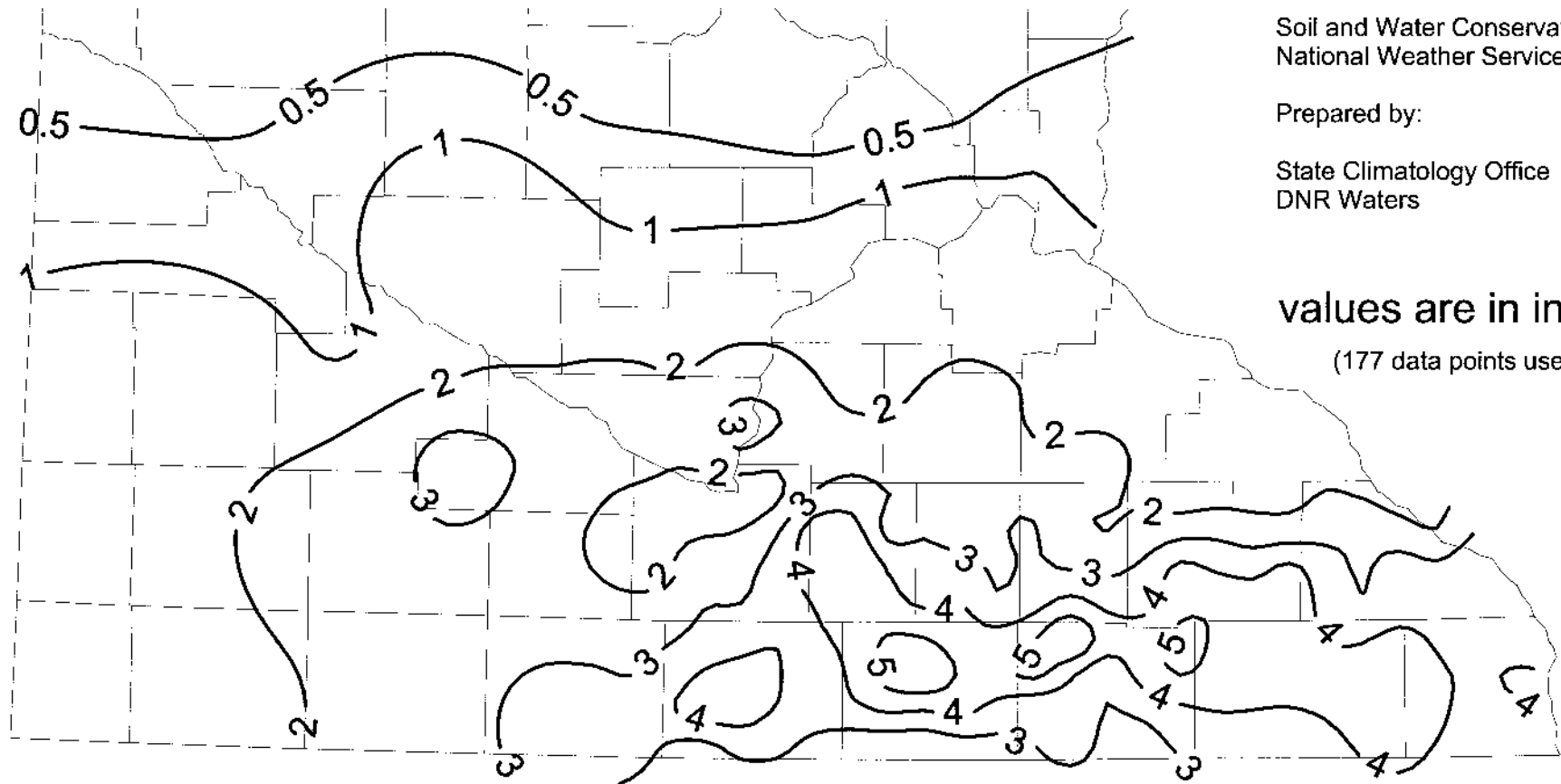
Heavy Rains Fall on Southern Minnesota May 17-18, 2000

Data provided by:

Soil and Water Conservation Districts
National Weather Service

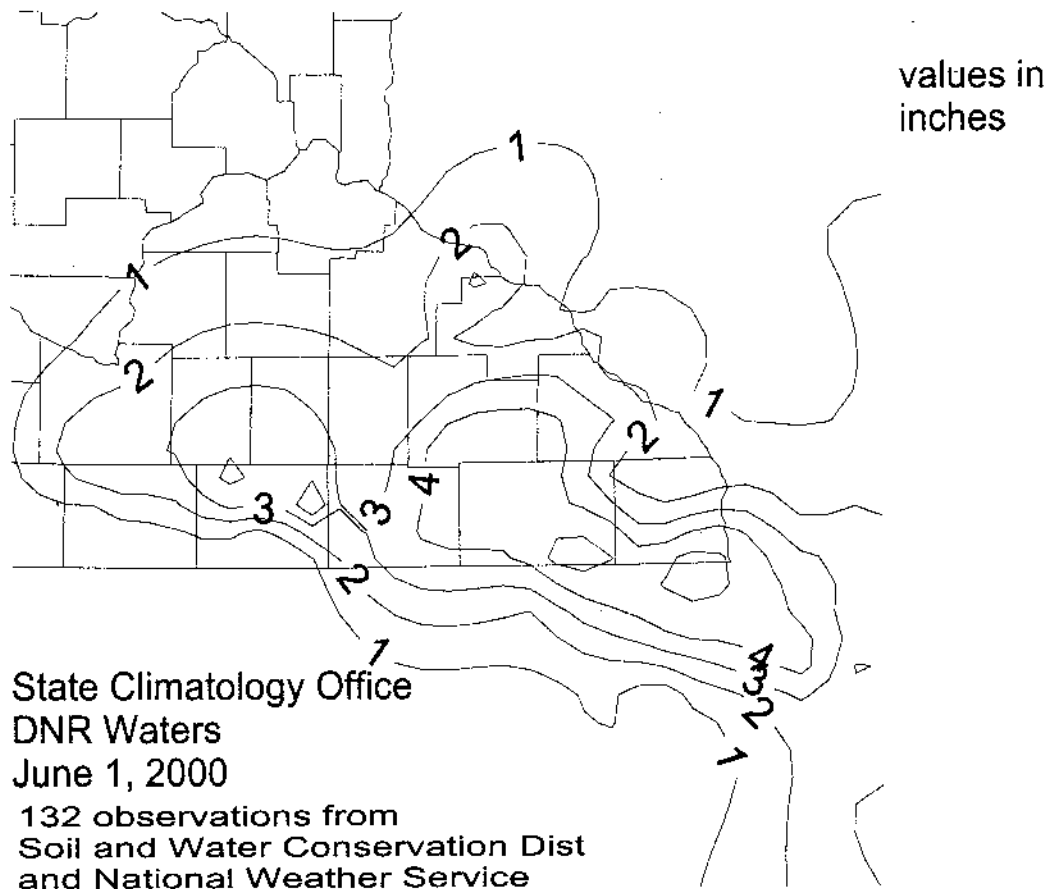
Prepared by:

State Climatology Office
DNR Waters



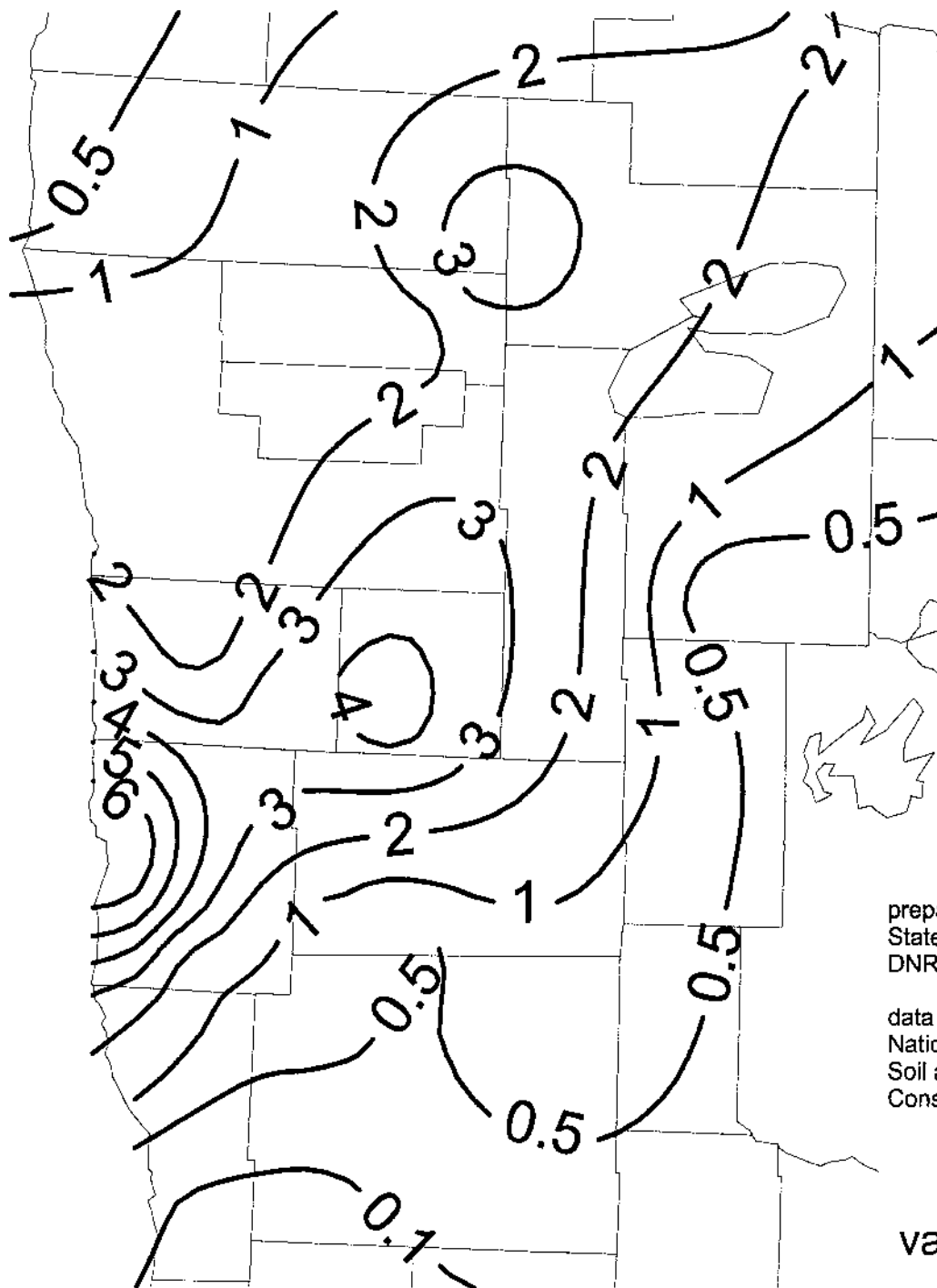
A low pressure system moving through the Midwest dropped heavy rains upon south central and southeastern Minnesota on May 17th and 18th. The rains began in southwestern Minnesota during the morning hours of the 17th and finally departed southeastern Minnesota by noon on the 18th. The initial wave of thunderstorms brought severe weather, including hail, high winds, and torrential rain. The severe weather led to some crop damage, some property damage, isolated urban flooding, and a report of a mudslide in Winona county. Precipitation totals ranged from two to six inches across a multi-county area, with values exceeding six inches in small areas of Freeborn and Mower counties. Fortunately the heavy rains fell upon relatively dry soils, limiting the extent of flooding and soil erosion. In many areas, the rain was welcome break in an extended dry spell.

May 31-June 1, 2000 Heavy Rains



Numerous thunderstorms dropped heavy rains over south central and southeastern Minnesota on May 31 and June 1. The heavy rains began over southern Minnesota during the afternoon on May 31 and continued through the afternoon of June 1. Precipitation totals ranged from two to five inches across a multi-county area. The heavy rains hit in the same area that received 3 to 6 inches of rain on May 17 to May 18. Flooding was reported mainly in Mower and Fillmore Counties. Parts of Interstate 90 were closed near Austin due to high water.

Heavy Rains Fall on Northwestern Minnesota June 19-20, 2000



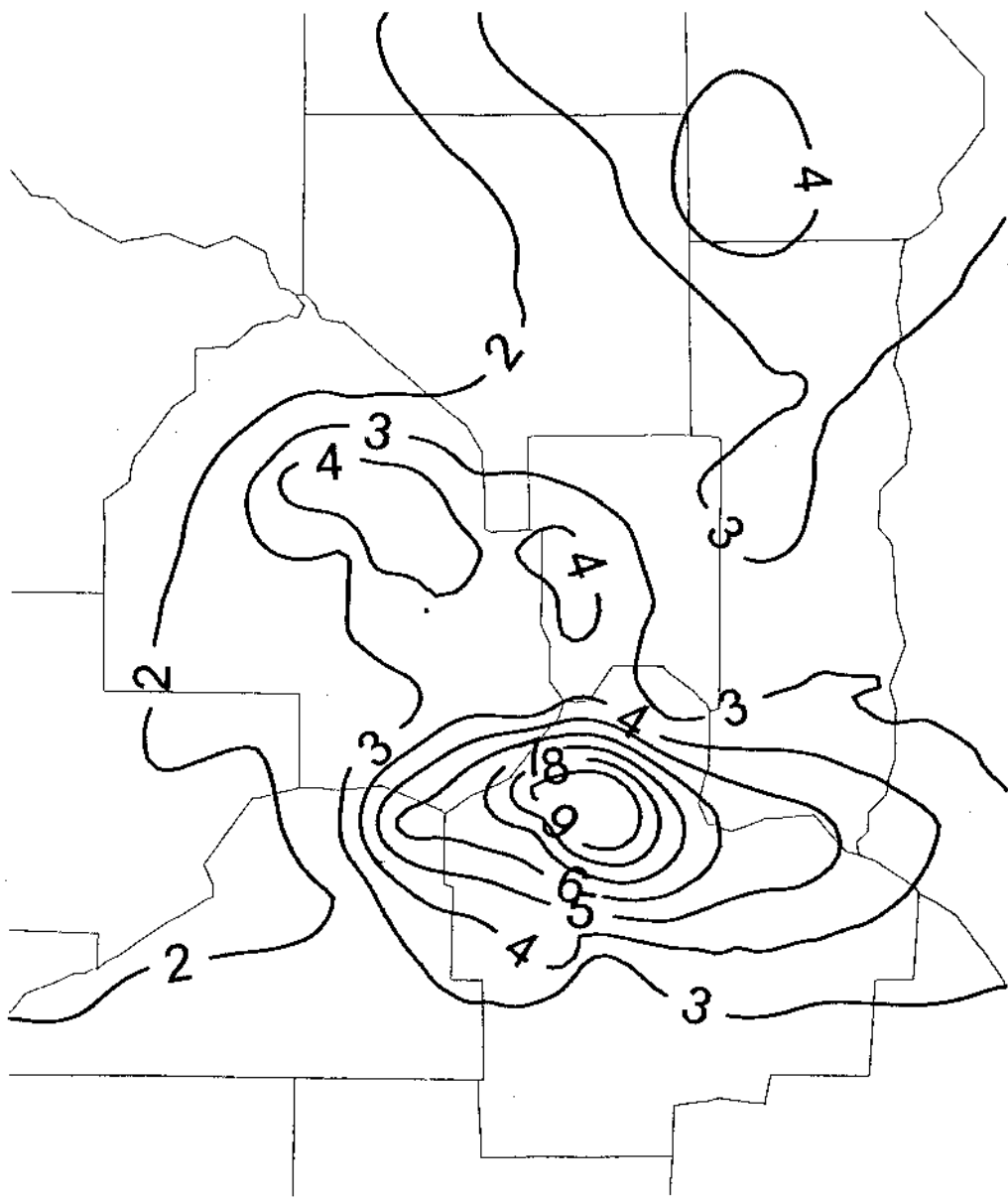
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data provided by:
National Weather Service
Soil and Water
Conservation Districts

values are in inches

Torrential rains fell upon eastern North Dakota and northwestern Minnesota during the evening of June 19 and early morning of June 20. The heaviest of the rains fell on the Fargo/Moorhead area, flooding roads and basements. Urban flooding was also reported in Ada, Fosston, Goodridge, Oklee, and Mahnomen. The largest reported 24-hour precipitation total was 7.31 inches in Moorhead.

Torrential Rains Douse South Metro July 7 - 10, 2000



values are in inches

Torrential rains fell upon the Twin Cities metropolitan area during the weekend of July 7 - 10.

The spate of severe weather began during the morning of Friday, July 7 when severe storms rumbled through the east metro. High winds, hail, and possible tornadoes led to significant property damage.

The south metro, specifically the city of Eagan, received an extraordinary amount of precipitation later on the 7th, and during the early morning hours of Saturday, July 8. Over eight inches of rain fell in a three to five hour span across a small area of northern Dakota county. The climatological probability of receiving eight inches of rain in a five hour period for a given location in the metropolitan area, in a given year, is far less than 1%.

An additional two to three inches of rain drenched already sodden neighborhoods during the evening of July 8 and the early morning of Sunday, July 9. Light rainfall fell again late in the late evening of July 9 and the early morning hours of Monday, July 10. The highest reported weekend rainfall total was 11.33 inches in southeastern Eagan.

The heavy rains led to extensive damage in some south metro communities. Serious urban flooding was commonplace, and severe erosion was reported in many areas. One life was lost in a flood-related incident.

Prepared by: State Climatology Office, DNR - Waters
Data provided by: Dakota Soil and Water Conservation District
Metropolitan Mosquito Control District
National Weather Service