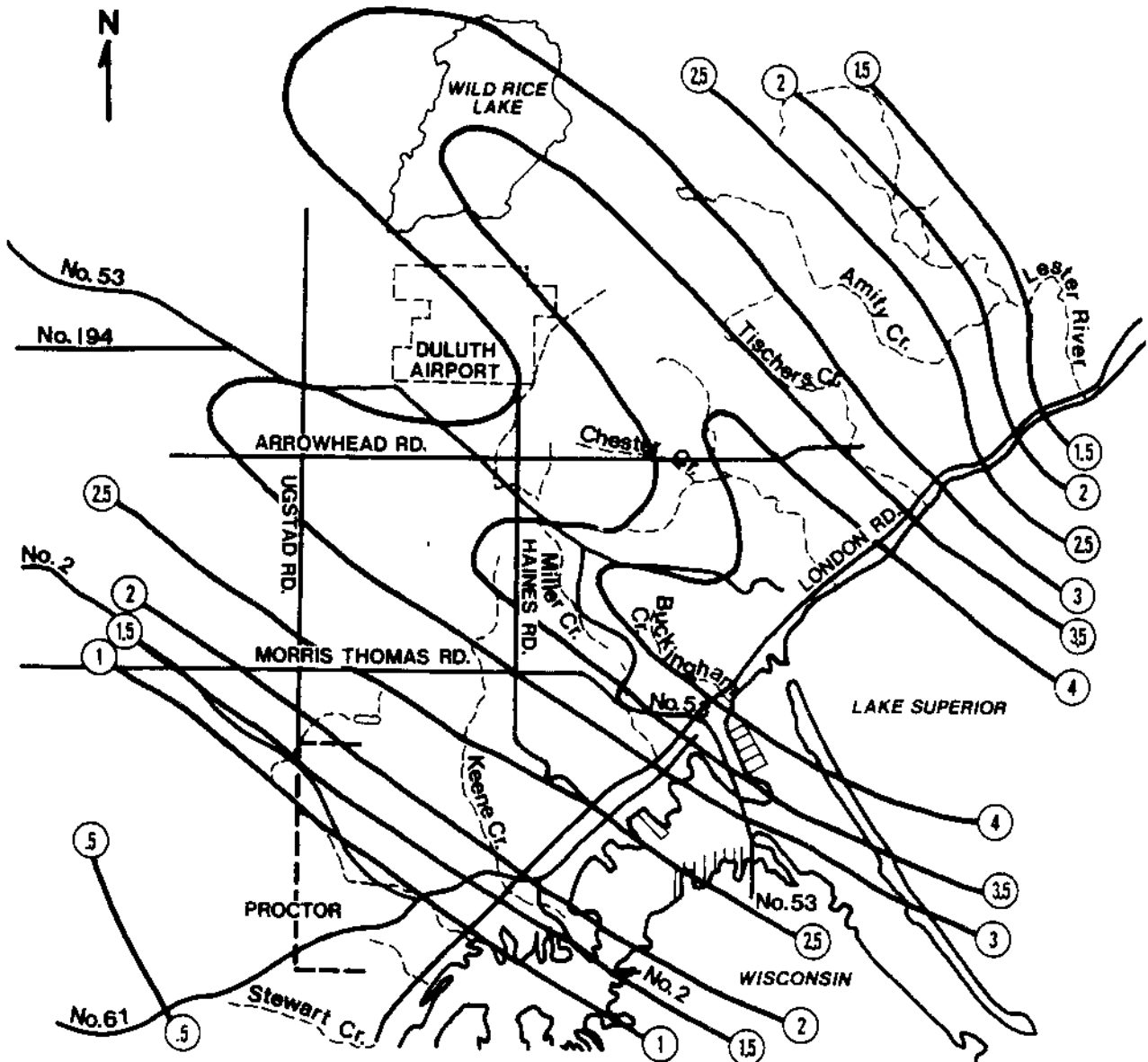


# HEAVY RAINS IN DULUTH August 20, 1972



The isohyet map depicts the 2 to 4 inch heavy rainstorm passing through Duluth between 3:00 AM to 4:30 AM August 20, 1972. The storm caused the most damage in the history of Duluth (an estimated \$12,000,000). The severity of washouts of streets can be attributed to Duluth topography, an abrupt rise of the North Shore 800 feet within less than one mile. An additional factor contributing to the severity of this rainstorm is the 6.04 inches of rainfall falling the previous two weeks of which 3.82 inches fell on the 15th and 16th. This also caused a flash flood of minor portions. The prior rains saturated and weakened many streets and alleys and left many sewers partially clogged. All of this added to the destructiveness of the flash flood of the 20th. For additional information see the August 1972 Storm Data and the August 1972 National Climatological Data.