

FIGURE 2. GLACIAL DEPOSITS AND DATA-COLLECTION POINTS

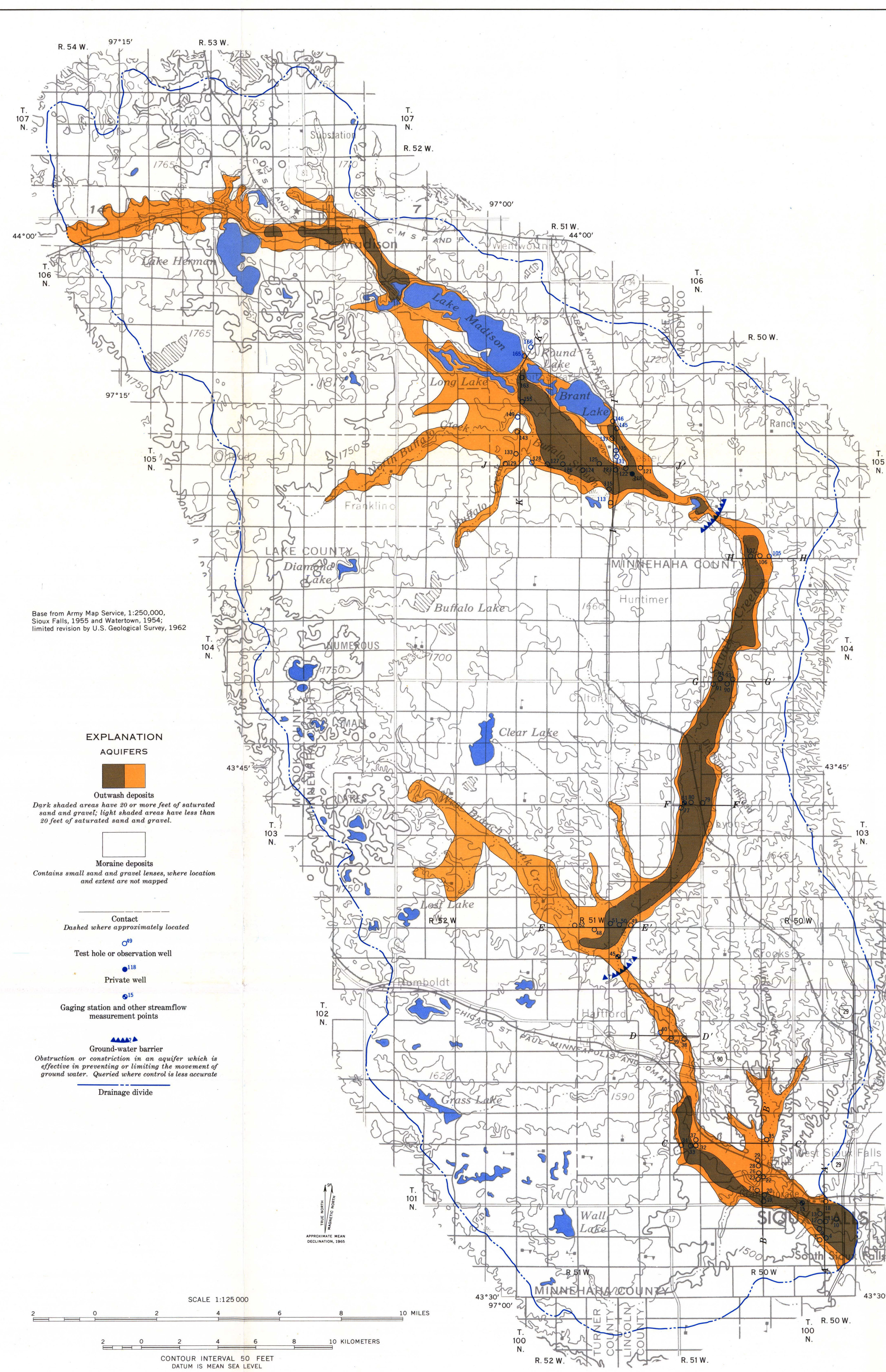


FIGURE 3. SATURATED THICKNESS AND GEOLOGIC SECTIONS OF OUTWASH DEPOSITS

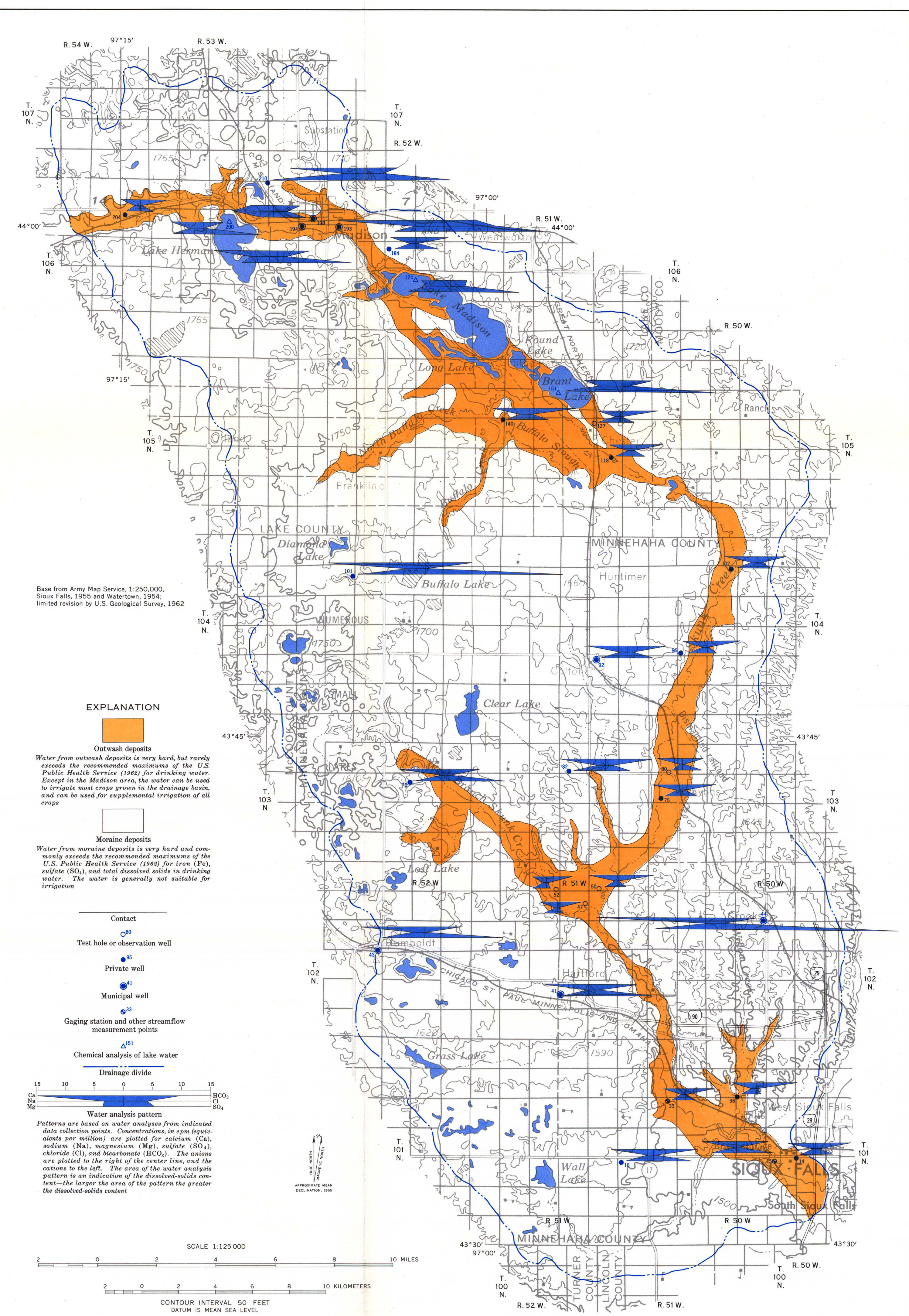
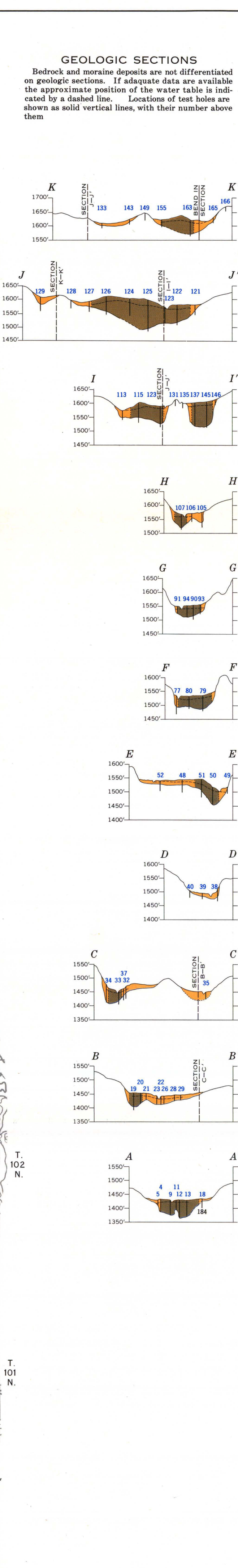


FIGURE 9. WATER-BEARING DEPOSITS AND WATER ANALYSIS PATTERNS OF CHEMICAL QUALITY

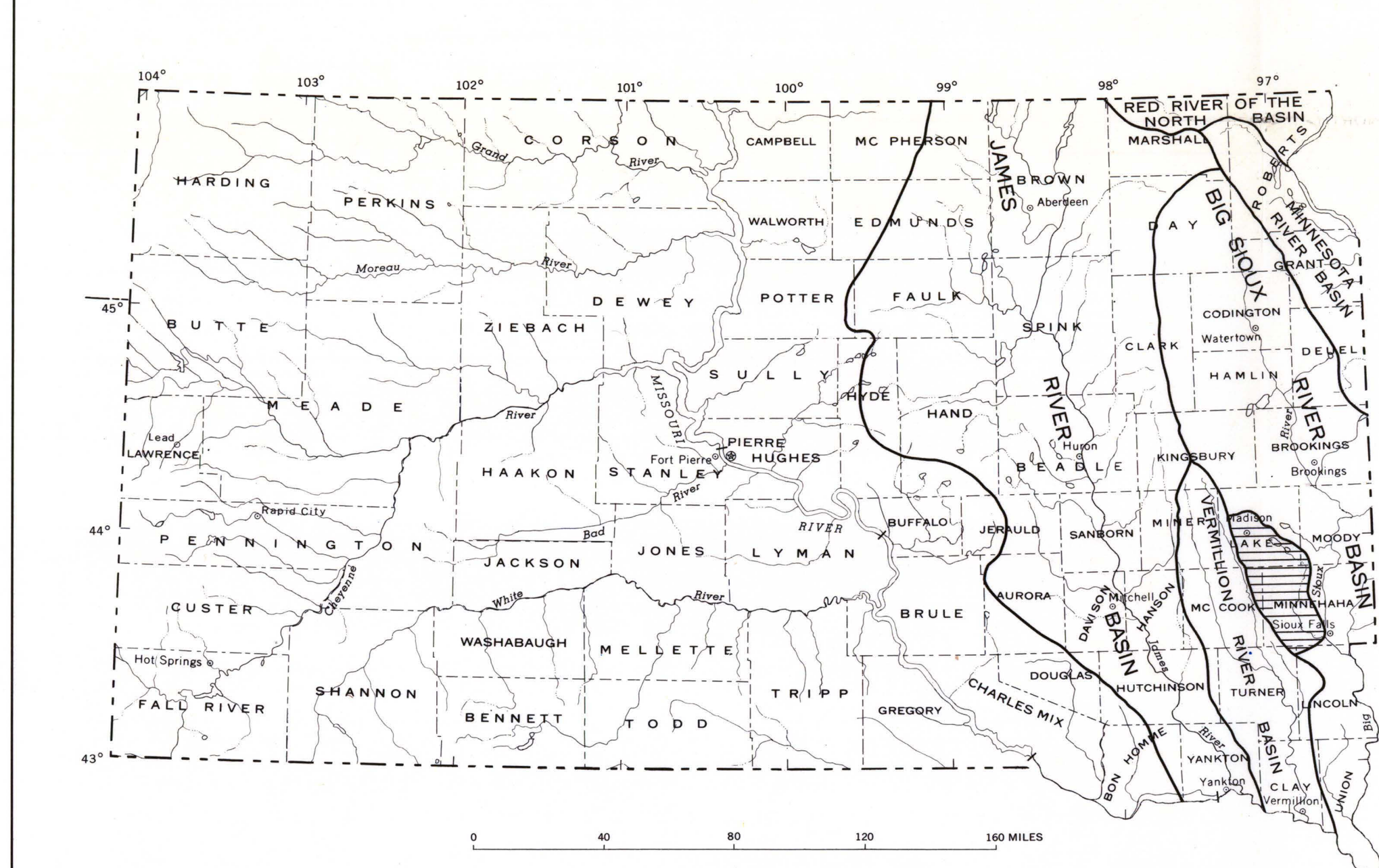


FIGURE 1. INDEX MAP OF SOUTH DAKOTA SHOWING THE MAJOR DRAINAGE BASINS IN EASTERN SOUTH DAKOTA UNDERLAIN BY GLACIAL DRIFT AND THE AREA COVERED BY THIS REPORT. (RULED PATTERN)

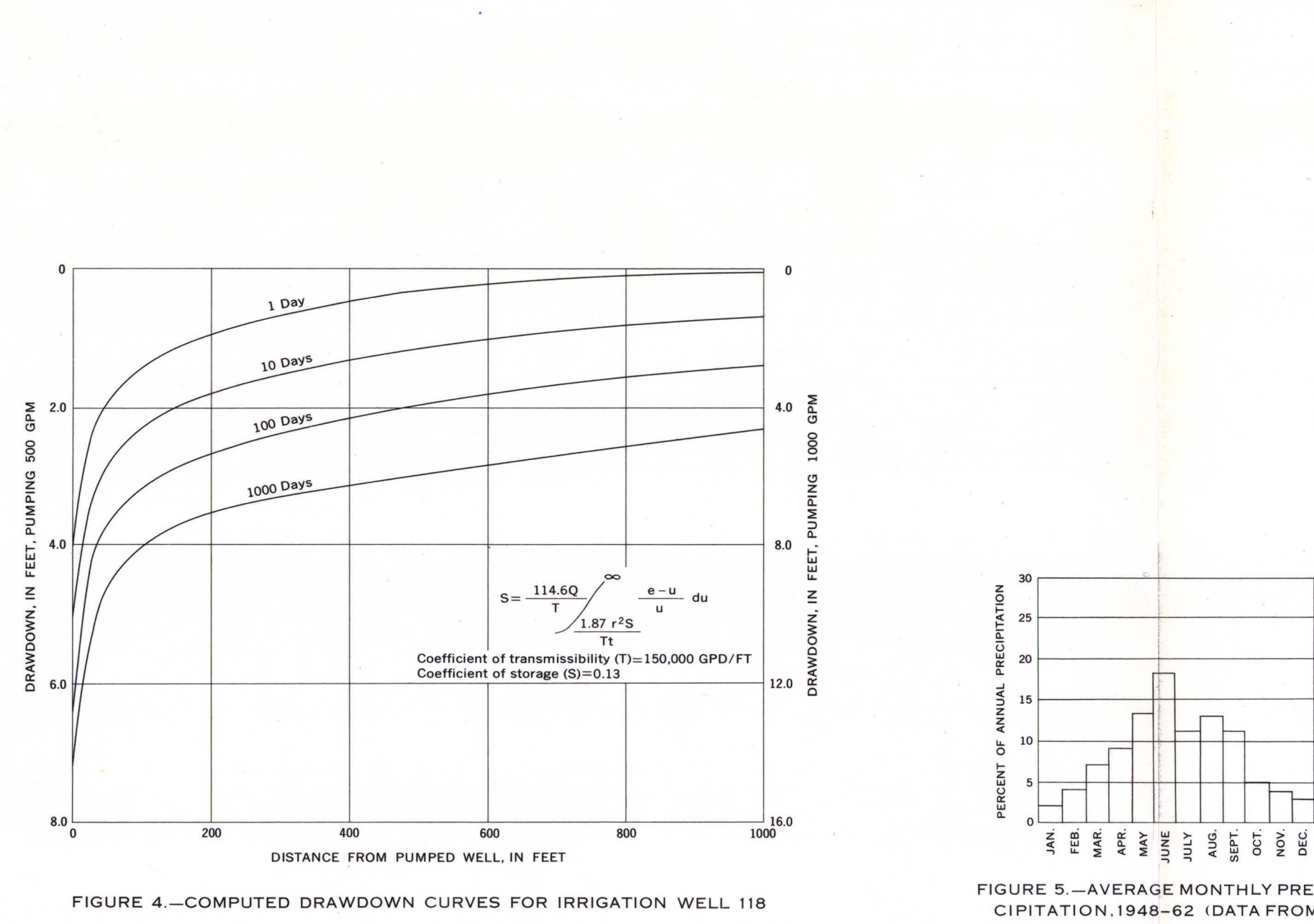


FIGURE 4. COMPUTED DRAWDOWN CURVES FOR IRRIGATION WELL 118

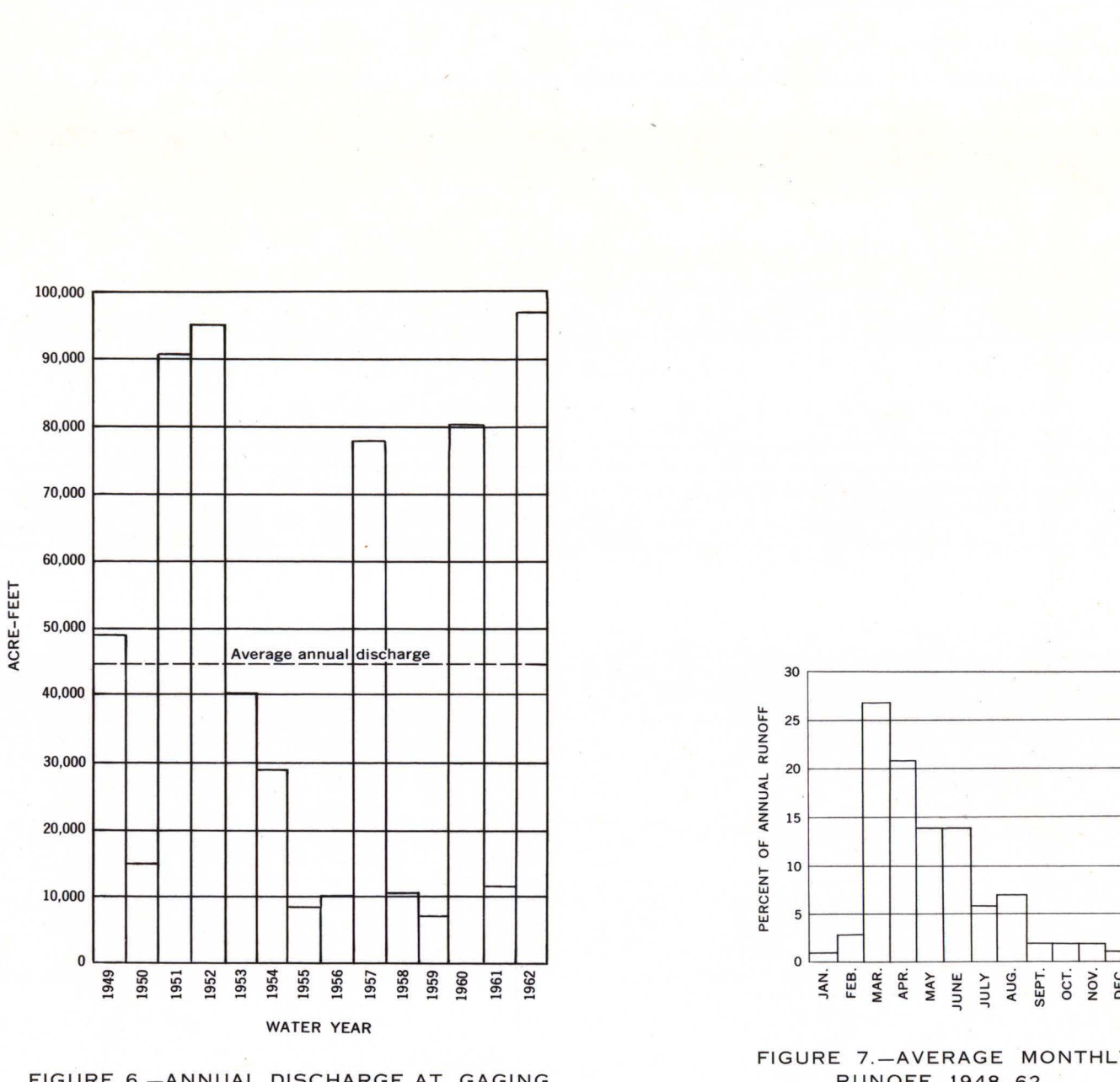


FIGURE 5. AVERAGE MONTHLY PRECIPITATION, 1948-62 (DATA FROM U.S. WEATHER BUREAU)

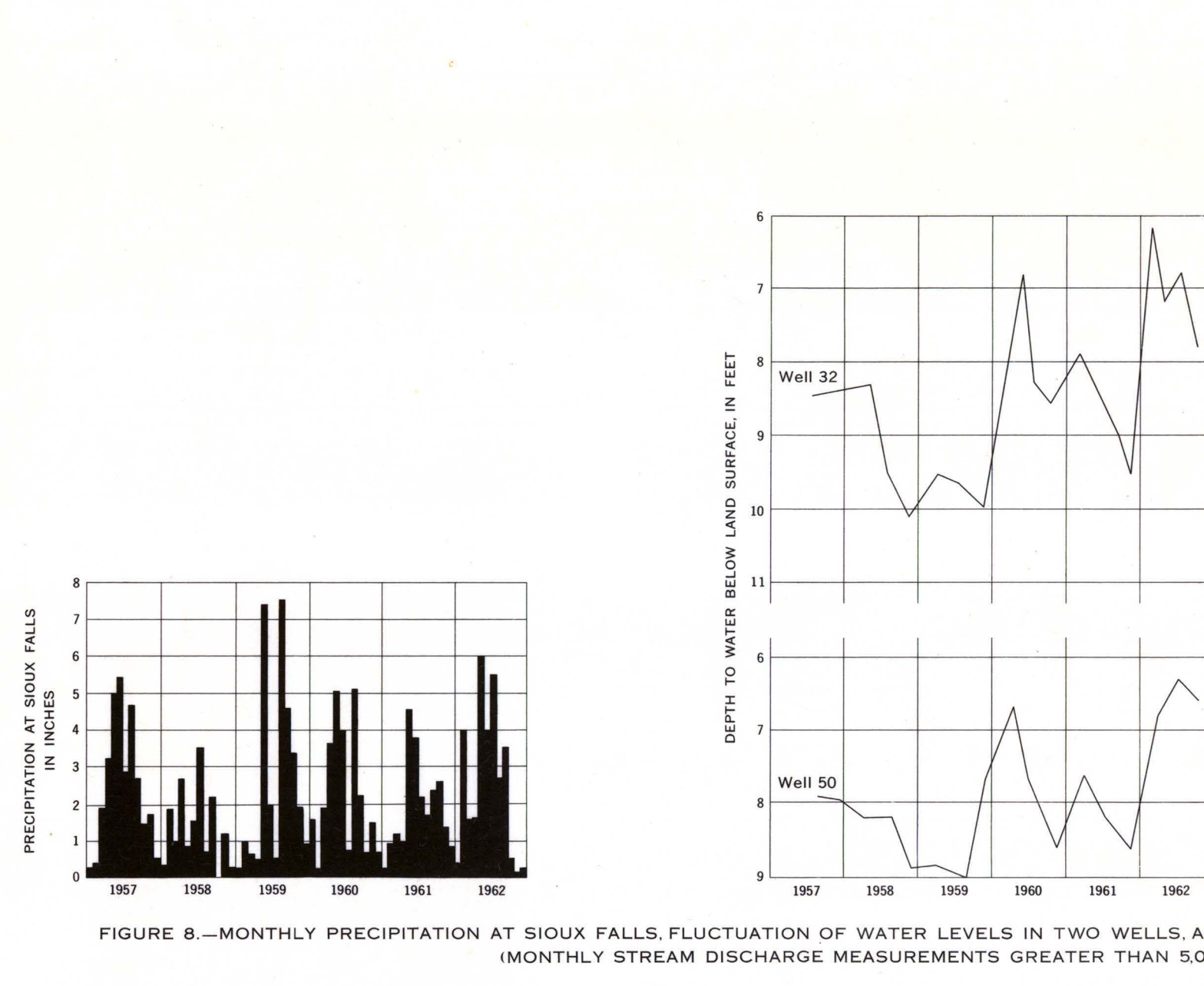


FIGURE 6. ANNUAL DISCHARGE AT GAGING STATION 15 NEAR SIOUX FALLS (1948-62 WATER YEARS)

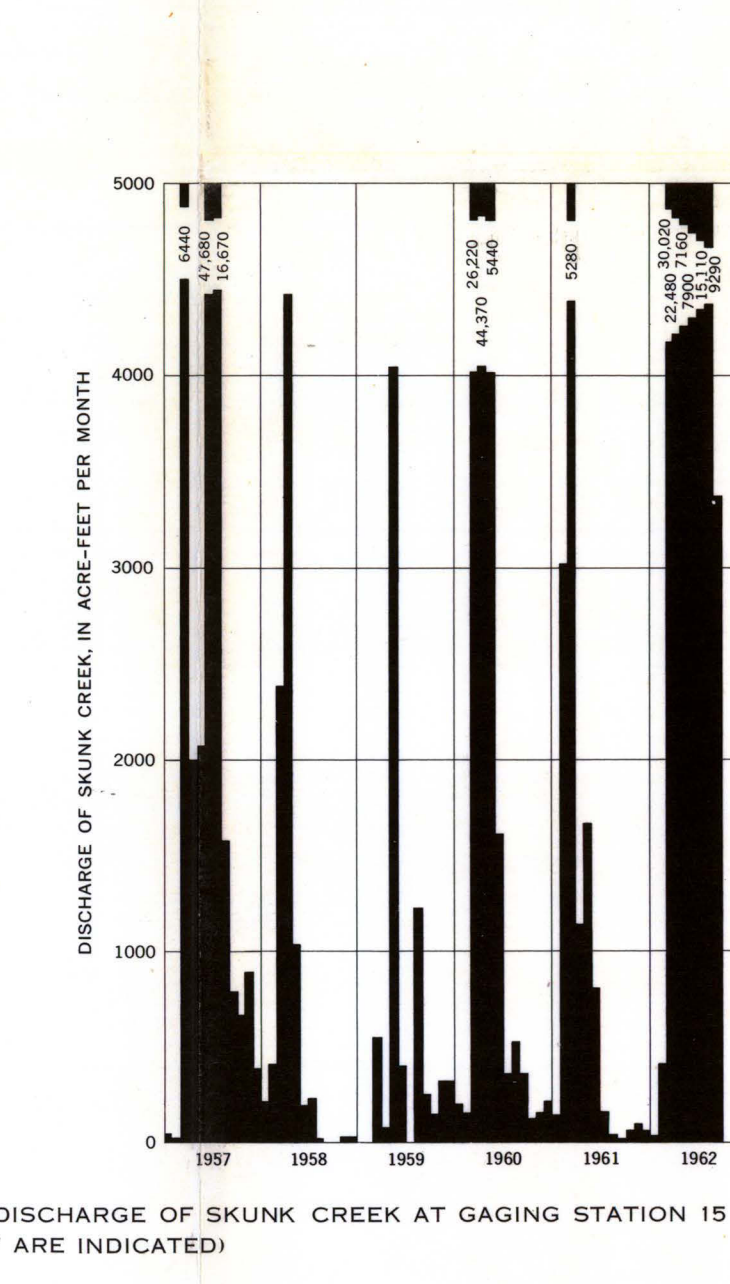


FIGURE 7. AVERAGE MONTHLY RUNOFF, 1948-62

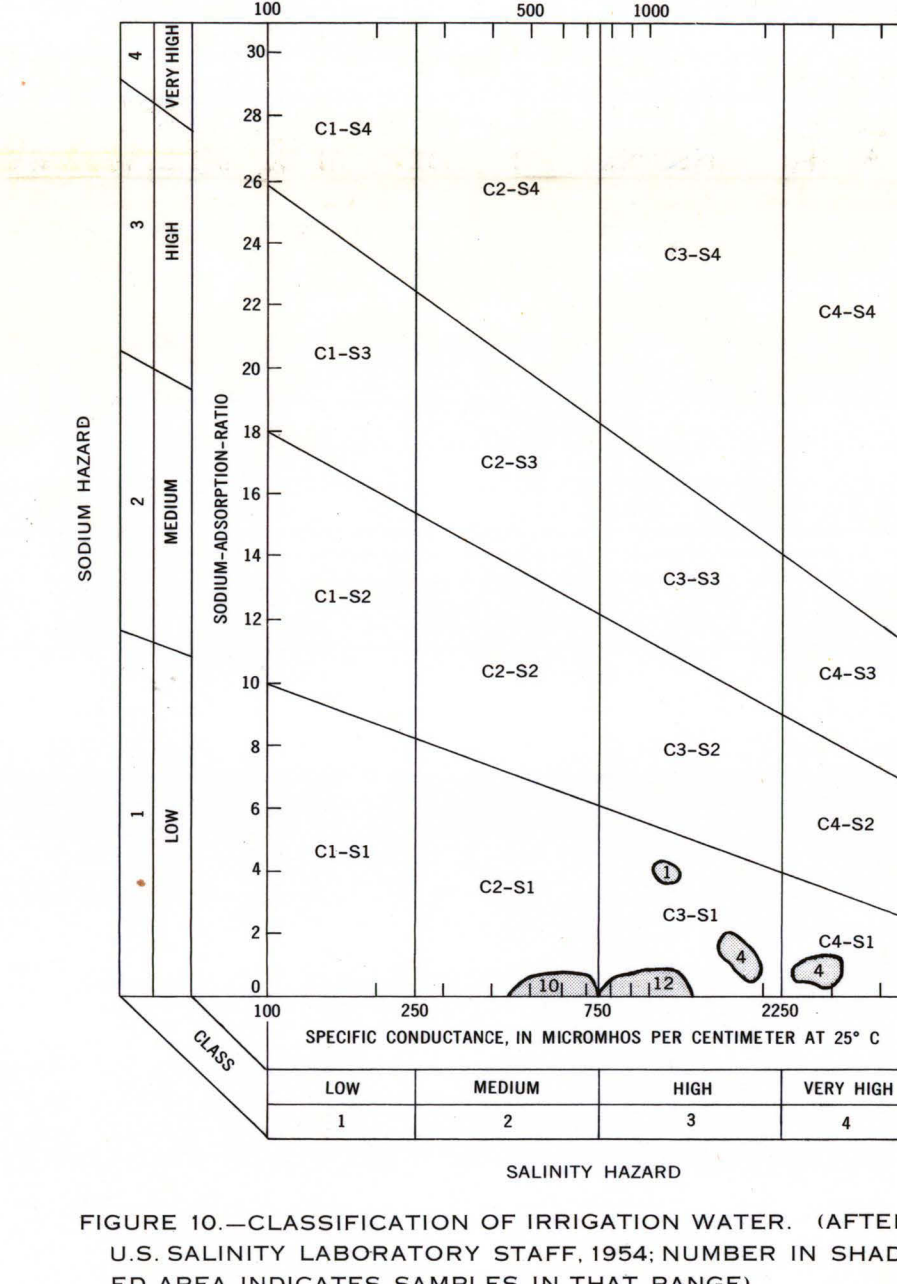


FIGURE 8. MONTHLY PRECIPITATION AT SIOUX FALLS, FLUCTUATION OF WATER LEVELS IN TWO WELLS AND MONTHLY DISCHARGE OF SKUNK CREEK AT GAGING STATION 15 (MONTHLY STREAM DISCHARGE MEASUREMENTS GREATER THAN 5000 ACRE-Feet ARE INDICATED)