MAP A. NET CHANGE IN WATER LEVELS IN 1932 CAUSED BY PUMPING AT AN ESTIMATED AVERAGE RATE OF 1.5 MGD IN THE PERIOD 1930-39 AND 2.3 MGD IN THE PERIOD 1932-34

MAP B. NET CHANGE IN WATER LEVELS IN 1932 CAUSED BY PUMPING AT AN ESTIMATED AVERAGE RATE OF 0.92 MGD IN THE PERIOD 1930-31

MAP C. NET CHANGE IN WATER LEVELS IN 1932 CAUSED BY PUMPING AT AN AVERAGE RATE OF 14.36 MGD IN THE PERIOD 1942-51

MAP D. NET CHANGE IN WATER LEVELS IN 1965 CAUSED BY PUMPING AT AN AVERAGE RATE OF 8.11 MGD IN THE PERIOD 1952-64

EXPLANATION

- Blue: Line of equal water-level decline
- Interval: 0.1 feet
- 0-20: Decline in water level, in feet
- 20-60: Oscillogram location and number

All water-level changes represent differences between levels in 1900 (figure 4) and levels in the indicated year.
Recharge and discharge boundaries shown in figure 11

MAPS BASED ON ELECTRIC ANALOG SIMULATION SHOWING NET CHANGE IN WATER LEVELS RESULTING FROM GROUND-WATER PUMPAGE IN MILL CREEK VALLEY, BUTLER AND HAMILTON COUNTIES, OHIO, 1890-1964