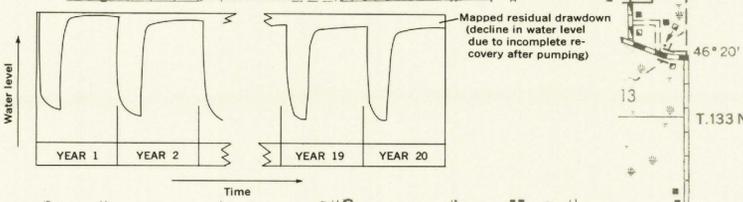


EXPLANATION

- 300 600 900
Pumping center
Single well pumping rate, in gallons per minute, based on plate 6. Withdrawal is at rates equivalent to 2 wells per pumping center
- 2 —
Line of equal water-level decline
Net residual drawdown which results from pumping for 20 successive years at time just prior to start of 21st irrigation season. Interval 1 foot
- — — — —
Boundary of Wadena area



Base from Minnesota Department of Highways county road maps: Otter Tail and Todd 1966, and Wadena 1963



Hydrology by Gerald F. Lindholm

MAP SHOWING THEORETICAL RESIDUAL DRAWDOWN OF WATER LEVEL THAT MIGHT RESULT FROM PUMPING A HYPOTHETICAL MAXIMUM DEVELOPMENT PLAN AT RATES EQUIVALENT TO TWO WELLS PER PUMPING CENTER FOR 20 SUCCESSIVE YEARS IN THE WADENA AREA, CENTRAL MINNESOTA