SELECTED GEOLOGIC AND HYDROLOGIC DATA FOR THE REGIONAL CARBONATE-BEDROCK AND GLACIAL AQUIFERS IN WESTERN OHIO

By Rodney A. Sheets

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DEPARTMENT OF THE INTERIOR

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ILLUSTRATIONS

TABLES

CONVERSION FACTORS AND ABBREVIATIONS

Multiply	By	To obtain
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi^2)	2.590	square kilometer (km^2)

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Sea Level Datum of 1929."

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ABSTRACT

In 1988, the U.S. Geological Survey's Ohio-Indiana Carbonate-Bedrock and Glacial Regional Aquifer-System Analysis began to examine the hydrogeologic framework, flow system, water chemistry, and withdrawal response of aquifers in western Ohio and eastern Indiana. The initial phase of this project involved the collection of essential hydrologic and geologic data for the glacial and carbonate units within the study area. This report describes the data collected for western Ohio.

Wells completed in glacial material and bedrock were chosen from paper files of drillers' logs, which describe location, lithology, well construction, and static water level, and provide ancillary data. Data for wells in bedrock and glacial materials in 42 counties in western Ohio were entered into a computerized data base. Data for 317 wells completed in glacial material were entered, as were data for 396 wells completed in bedrock. Data were validated by use of error-checking procedures within the data base and by plotting the location and properties of the data on maps.

INTRODUCTION

In response to a mandate from the Congress of the United States, Federal funds for regional aquifer-systems analyses were appropriated in 1978 as a result of growing concern about availability of ground water in the United States, particularly during periods of drought. The Silurian and Devonian carbonate-bedrock and Quaternary glacial aquifer system in western Ohio and eastern Indiana was one of 28 regional aquifer systems selected for study. The Ohio-Indiana Carbonate-Bedrock and Glacial Regional Aquifer-System Analysis (Ohio-Indiana RASA) was started by the U.S. Geological Survey (USGS) in 1988 to examine this aquifer system in terms of the hydrogeologic framework, the present ground-water-flow system and water chemistry, and withdrawals from the aquifer system and its response to development (Bugliosi, 1990).

Efforts to collect hydrologic and geologic data were the focus of the initial phases of the Ohio-Indiana RASA project. In response to this focus, subprojects were initiated by the Ohio and Indiana offices of the USGS to collect basic hydrogeologic data that could be used to examine the hydrologic and geologic properties of the aquifer system.

Purpose and Scope

This report describes the data-collection methods and types of data collected for this study and presents selected data on wells completed in carbonate-bedrock and glacial aquifers. The data presented in this report are for the Ohio part of the Ohio-Indiana RASA study.

Description of Study Area

The Ohio-Indiana RASA study area, as defined by the subcrop limit of the Silurian and Devonian carbonate-bedrock aquifers, is shown in figure 1. The Ohio part of the Ohio-Indiana RASA study area encompasses approximately 17,000 mi (square miles). A generalized geologic section through Ohio and Indiana (fig. 2) illustrates the stratigraphic relations of the bedrock units.

Glacial deposits, consisting predominantly of till interspersed with some outwash and lake deposits, are present throughout the study area except in a small part of southwestern Ohio. The glacial deposits are generally 25 to 75 ft (feet) thick in Ohio except where preglacial drainage deeply incised the carbonate-bedrock surface; in such places, glacial deposits are as much as 400 ft thick.

Acknowledgments

The author would like to thank the Ohio Department of Natural Resources, Division of Water, for allowing access to the drillers' logs.

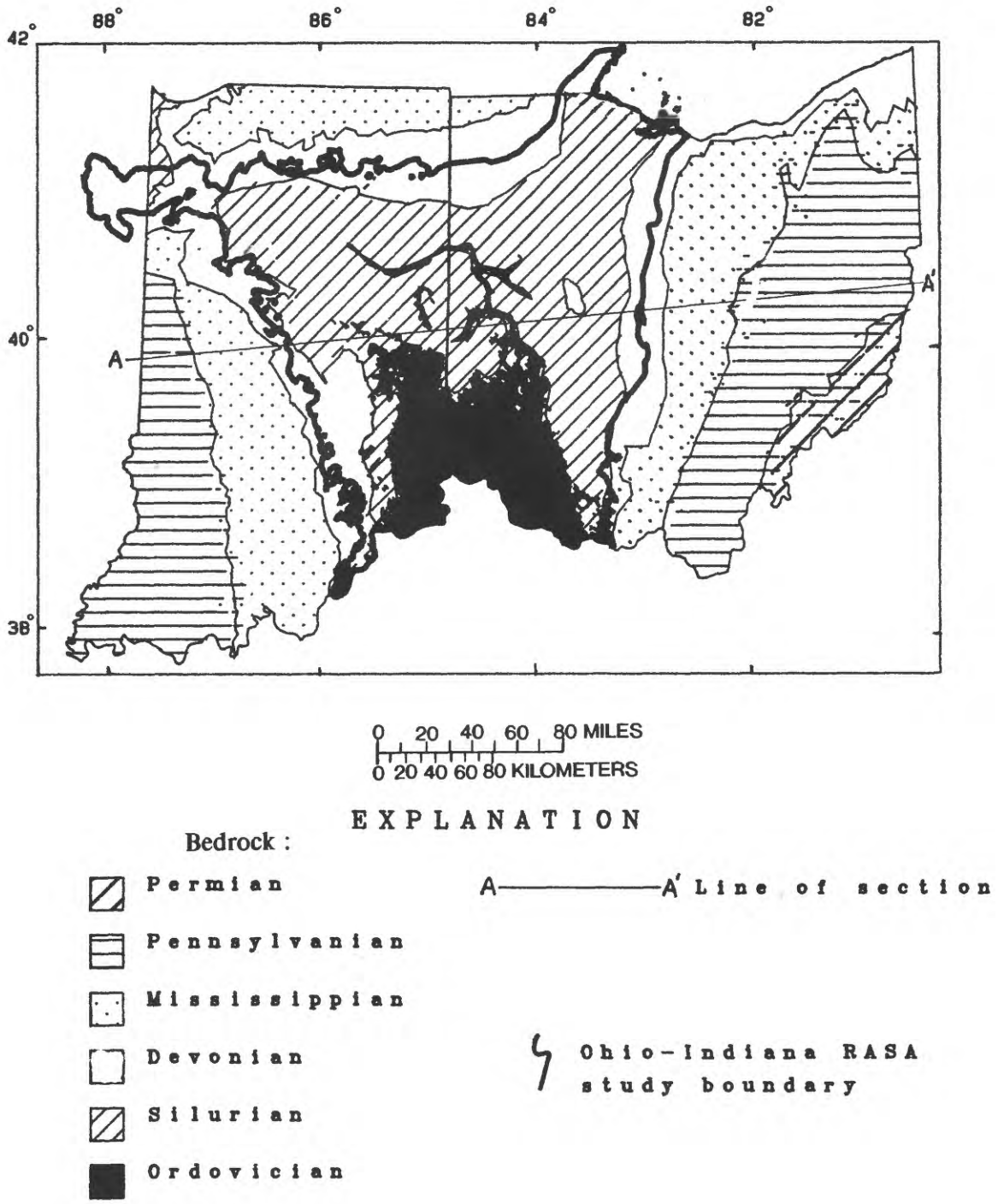

Figure 1.--Bedrock geology and approximate boundary of the Ohio–Indiana Regional Aquifer–System Analysis (RASA) study area.

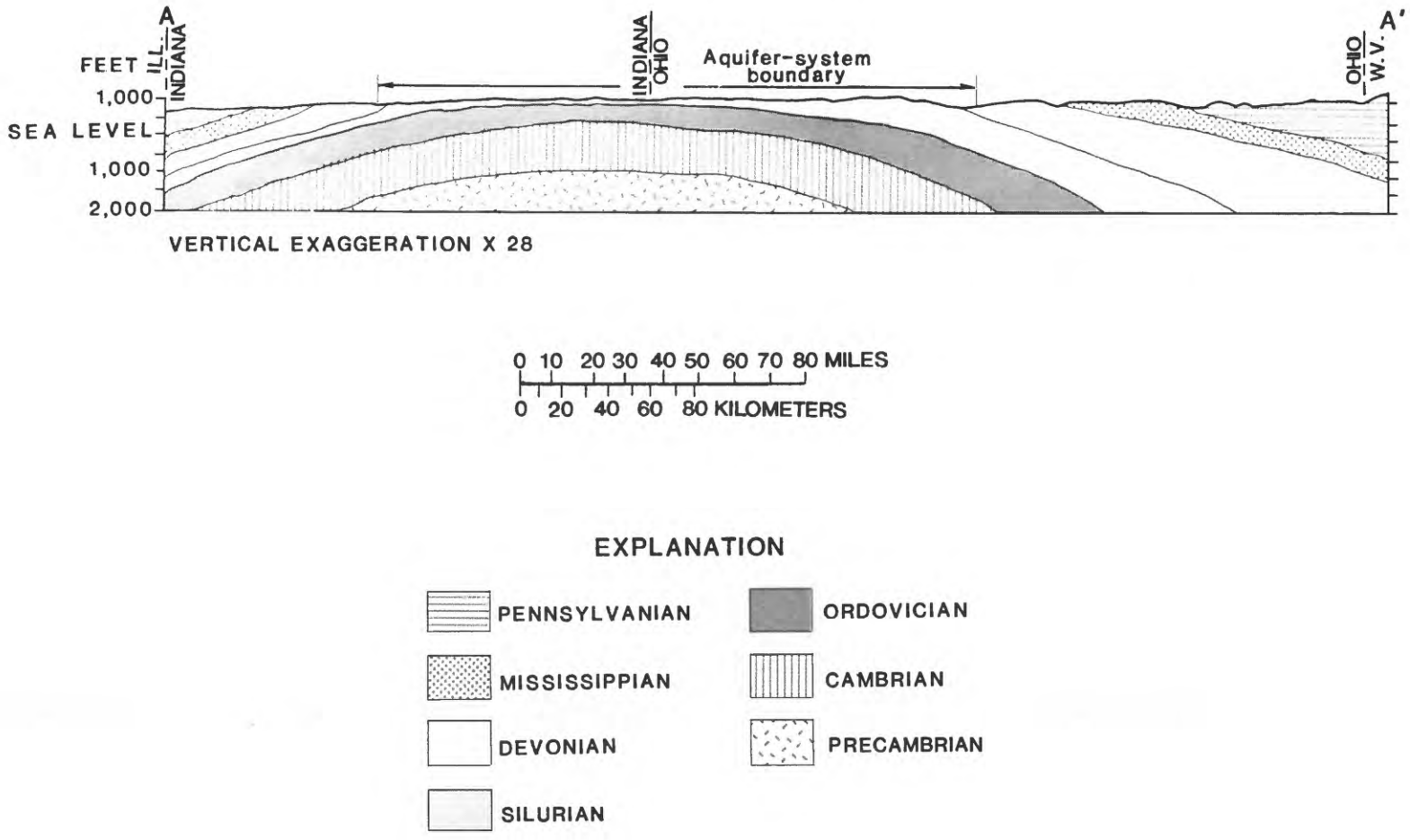

Figure 2.--Generalized east-west geologic section through Ohio and Indiana. (From Bugliosi, 1990, figure 3.) Line of section is shown in figure 1.

COLLECTION OF GEOLOGIC AND HYDROLOGIC DATA

Collection of data on the glacial and carbonate-bedrock aquifer system of western Ohio consisted of compilation, analysis, and computerized storage of geologic and hydrologic data available from published reports and previous USGS hydrologic studies. Additional data were collected by examination of geophysical well logs and drillers' logs on file at the Ohio Department of Natural Resources (ODNR), Divisions of Water and Geological Survey. These data are considered to be representative of the geologic and hydrologic conditions of the study area.

The western Ohio study area was expanded by one county around the border of Ohio-Indiana RASA in Ohio to ensure adequate areal coverage of data. Each of the 42 counties in this area was divided into subareas consisting of two townships each, from which two drillers' logs were chosen, one for each of the two major aquifer units (glacial and carbonate bedrock). All logs chosen were previously field-located by the ODNR staff to increase the likelihood of using the well for future testing.

In areas where more than one producing zone was recognized for the carbonate bedrock, an additional log was chosen for each zone. The driller's record of well depth and construction was examined to ensure accurate representation of a single hydrologic unit. A typical driller's log is shown in figure 3.

Published reports, theses, and maps were examined and compared with the drillers' logs to ascertain the single producing hydrologic unit for each well. Available geophysical logs also were used for correlation. Where possible, multiple sources of hydrogeologic data were used to corroborate the interpretation of the hydrostratigraphy for each well.

To be considered suitable for further examination, a driller's log must include, at a minimum, descriptions of well location and lithology and detailed well-construction data (depth of well; diameter(s) of casing; and length of cased, open, screened, or perforated intervals). Static water levels also were considered necessary to describe the hydrologic properties of the aquifer tapped by the well. The elevation[1] of land surface at the well was derived from the location data provided by the driller. The completeness of a driller's log in terms of aquifer-test, well-construction, and stratigraphic-unit description was an important factor in the selection of a driller's log.

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[1]Above sea level.

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

N° 86745

County Madison Township Canaan Section of Township or Lot Number

Owner Jonathan Alder School Address Plain City, Ohio

Location of property Corner of U.S. #42 and Huber-Kilgore Rd.

CONSTRUCTION DETAILS

Casing diameter 5 Length of casing 71' 1"

Type of screen — Length of screen —

Type of pump Jet

Capacity of pump

Depth of pump setting

PUMPING TEST

Pumping rate 85-100 G.P.M. Duration of test 2 hrs.

Drawdown 4 ft. Date Feb 10, 1956

Developed capacity

Static level—depth to water 4½ ft.

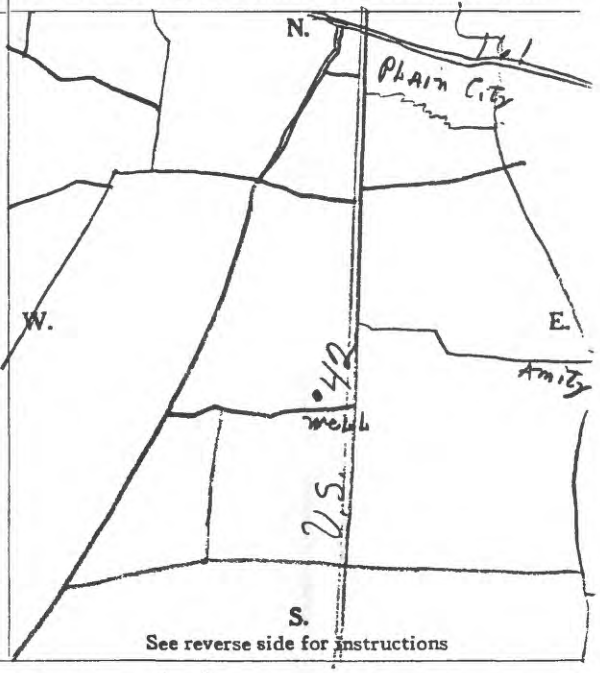
Pump installed by

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
CLAY	0 Feet	52 Ft.
SAND	52	62
CLAY	62	69
Limestone	69	102

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm

Address Plain City Ohio

Date Feb. 10, 1956

Signed

13

Figure 3.--A typical drillers' log of a well completed in bedrock.

Data from drillers' logs satisfying the criteria outlined above were subsequently entered into the Ground-Water Site Inventory (GWSI) system, a ground-water data storage and retrieval system that is part of the National Water Information System (Mathey, 1990) developed by the USGS. GWSI was chosen as the digital data-storage medium because (1) integration with the national ground-water data base was necessary, because of the regional scope of the Ohio-Indiana RASA study, (2) some wells satisfying the criteria already were in the data base, and (3) it is easy to transfer data from GWSI into a Geographic Information System for analysis and presentation. A sample inventory form for GWSI is shown in Appendix A. Ancillary information from the drillers' logs—such as aquifer-test results, date of construction, owner, or geophysical-log data—also were entered into the GWSI system.

GWSI includes error-checking as part of its data-entry program. These error checks include rejection of nonvalid character types; requirements that elevation, latitude and longitude be within the ranges of those for the county or State of interest; verification that dates entered do not correspond to nonexistent days or days after the date of data entry; and verification of all depth fields against total depth of the hole. A full listing of error messages can be found in Mathey (1990).

The entered well data also were spot checked for quality and data-entry errors. The latitude and longitude of each well were used to areally plot and validate the well locations, elevation of land surface, static water levels, and aquifer codes.

A total of 396 wells in bedrock and 317 wells in glacial deposits were entered to supplement the previous GWSI data that met the Ohio-Indiana RASA criteria (547 wells in bedrock and 599 wells in glacial deposits). A listing of the well records entered is presented in table 1. Data points in figure 4 are the locations of wells in glacial deposits for which records previously in the GWSI system met the Ohio-Indiana RASA criteria. Data points in figure 5 are locations of wells in glacial deposits for which records were added to the GWSI system during this study. Locations of wells in bedrock for which previous records were available and for which data were entered during this study are shown in figures 6 and 7, respectively. The concentrations of well data shown in figures 4 and 6 are a result of previous project work by the USGS in western Ohio. Sparseness or lack of data for some parts of the study area is due to absence of glacial deposits, absence of wells in glacial deposits or bedrock, or lack of suitable drillers' logs.

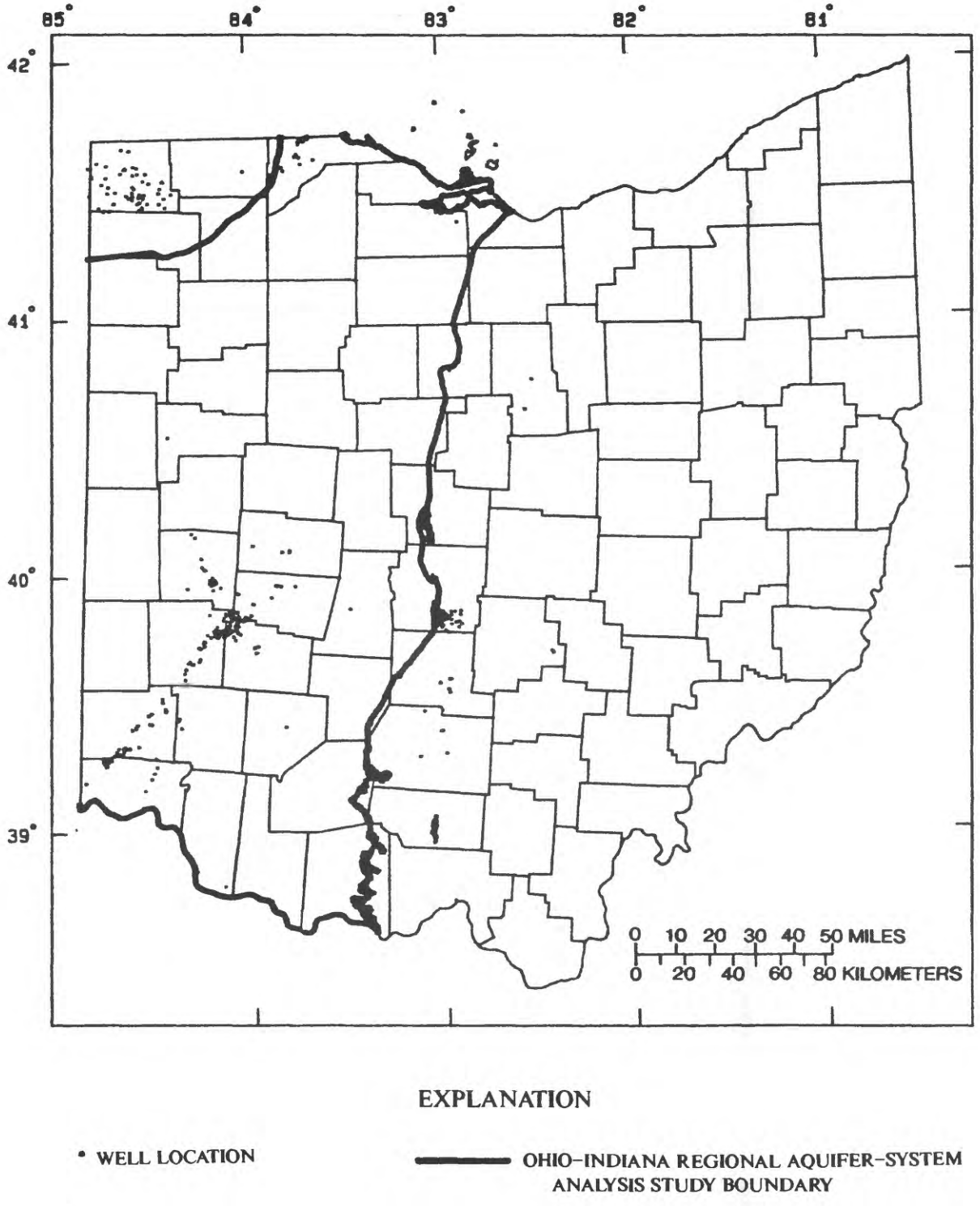


Figure 4.--Location of wells completed in glacial material for which data were compiled before this study.

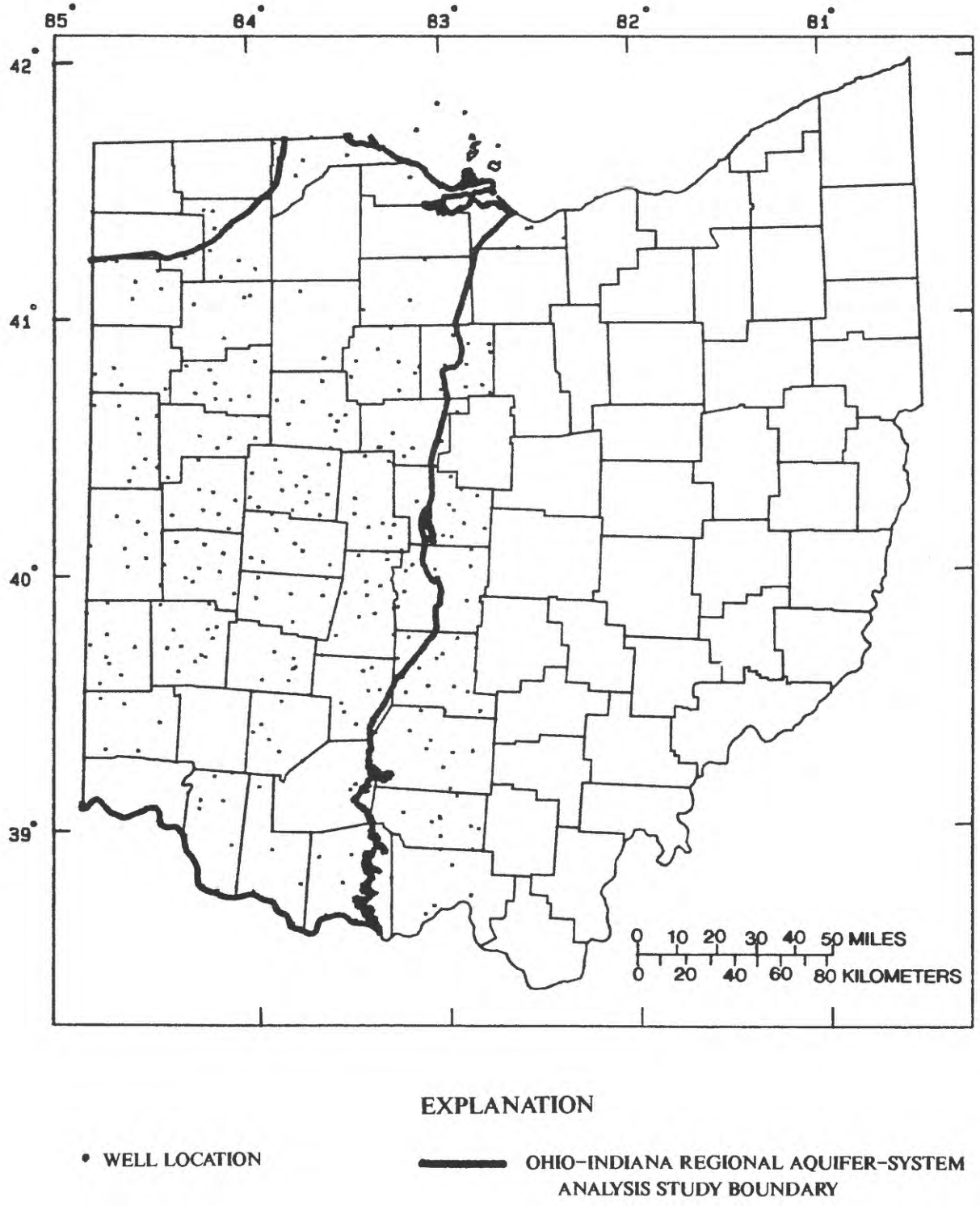


Figure 5.--Location of wells completed in glacial material for which data were compiled during this study.

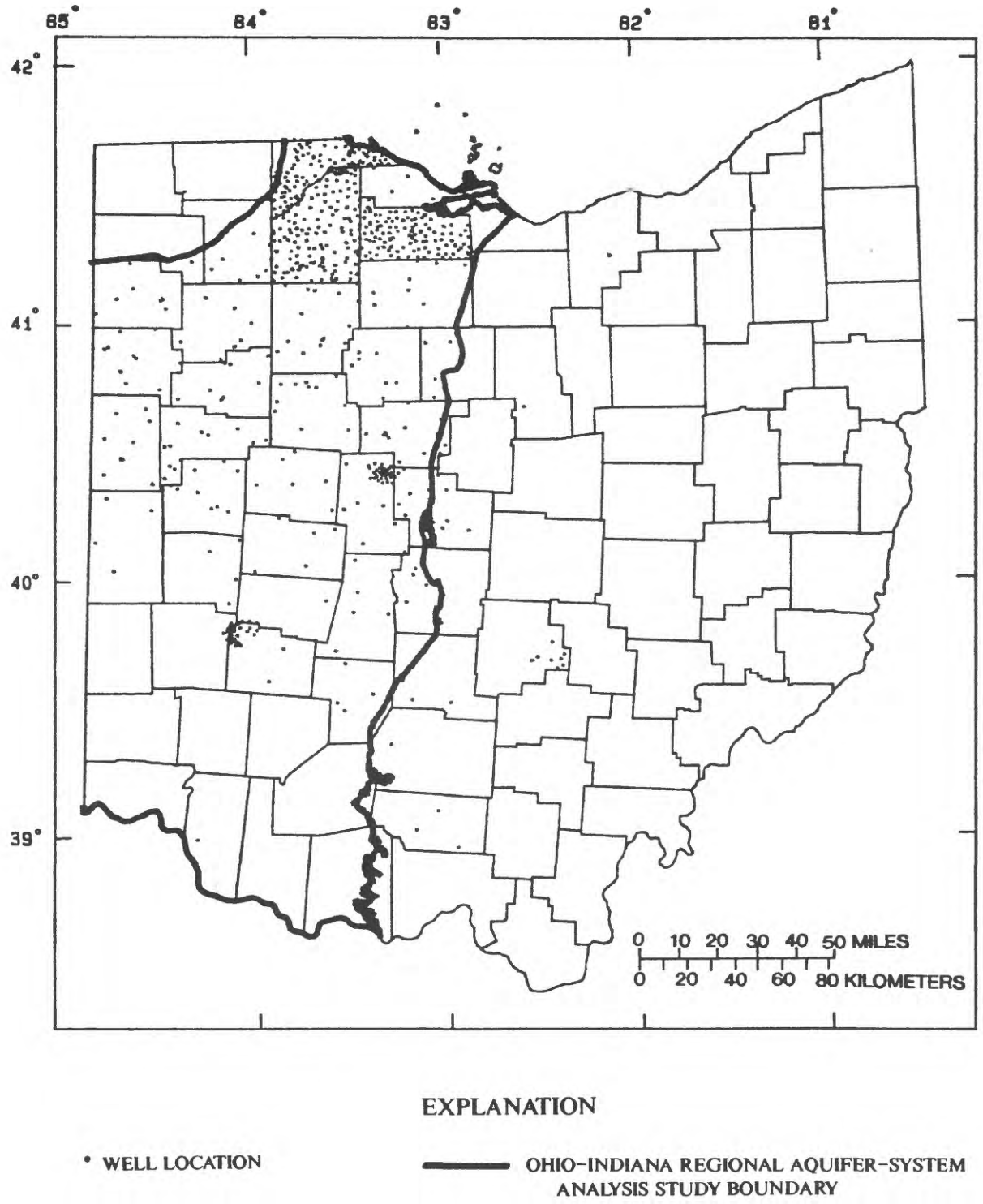


Figure 6.--Location of wells completed in bedrock for which data were compiled before this study.

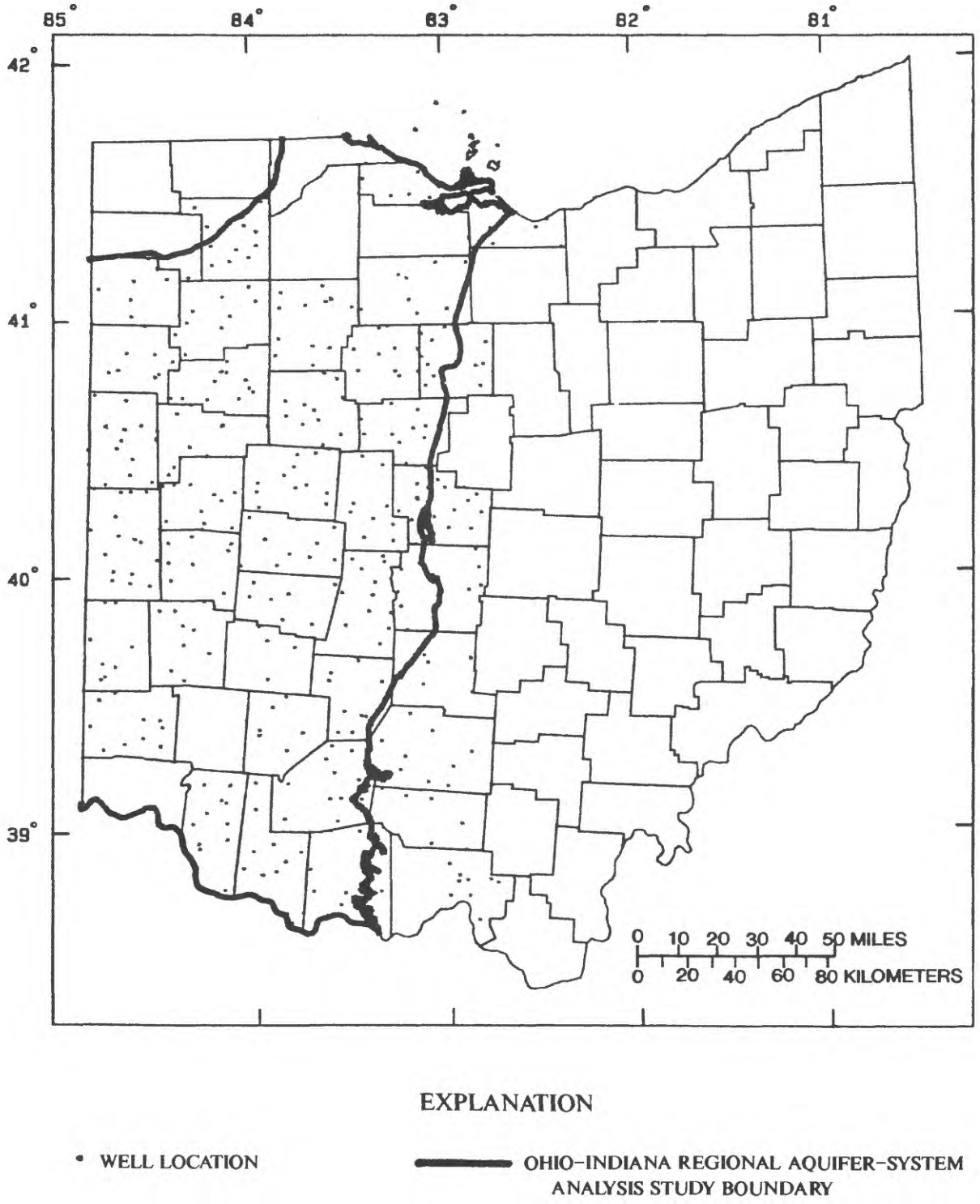


Figure 7.--Location of wells completed in bedrock for which data were compiled during this study.

SUMMARY

In 1988, the Ohio-Indiana RASA began examining the carbonate-bedrock and glacial aquifer system in western Ohio and eastern Indiana. The initial phases of the RASA project required the collection of hydrostratigraphic data. Geologic and hydrologic data were derived from drillers' logs, published reports, and geophysical logs. This report describes the methods of data collection and presents selected data collected in western Ohio for the regional hydrologic study.

Paper files of drillers' logs for wells in glacial deposits and bedrock were examined and selected if they contained suitable location, lithologic, static-water-level, and well-construction data. These data, along with other data included on the logs, were entered into the USGS's GWSI system. Well data were entered for a total of 317 wells in glacial deposits and 396 wells in bedrock for 42 counties in western Ohio. Error-checking capabilities of GWSI were used to detect data-entry errors. Well locations and characteristics entered into the system were plotted on maps as an additional means of error-checking.

REFERENCES CITED

Bugliosi, E.F., 1990, Plan of study for the Ohio-Indiana carbonate-bedrock and glacial-aquifer system: U.S. Geological Survey Open-File Report 90-151, 26 p.

Mathey, S.B., ed., 1990, National Water Information System User's Manual, Volume 2, Chapter 4—Ground-Water Site Inventory system: U.S. Geological Survey Open-File Report 89-587, version 90.1, various paginations.

SUPPLEMENTAL INFORMATION

APPENDIX A

Sample of a Ground-Water Site Inventory (GWSI) Input Form

FORM NO. 9-1904-A
Revised February 1987

Coded by AM
Checked by MR
Entered by CCV

File Code
Date 8-23-84

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

GROUND-WATER SITE SCHEDULE
General Site Data

AGENCY CODE (C4): USGS
SITE ID (C1): 400405083172900
PROJECT NO. (C6): 44CC'41LCQ
STATION NAME (C12): M-52
LATITUDE (C9): 400405
LONGITUDE (C10): 831729
LAT-LONG ACCURACY (C11): (S) F T M (1 sec, 5 sec, 10 sec, min)
DISTRICT (C8): 39
STATE (C7): 39
COUNTY or TOWN (C8): madison
County code: 097
LAND NET (C13): ¼ ¼ ¼ S section T township R range meridian
LOCATION MAP (C14): C1=5' MAIN CITY
MAP SCALE (C15): 24000
ALTITUDE (C18): 951.
METHOD OF MEASUREMENT (C17): A L (M) (altimeter, level, map)
ACCURACY (C18): 2.5
HYDROLOGIC UNIT CODE (C20): 05C6CCC1
DRAINAGE BASIN CODE (C801):
TOPOGRAPHIC SETTING (C19): A B C D E (F) G H K L M O P S T U V W (alluvial fan, playa, stream channel, depression, dunes, flat, flood plain, hilltop, sinkhole, lake or swamp, mangrove swamp, offshore, pediment, hillside, terrace, undulating, valley flat, upland draw)
AGENCY USE (C803): A I (O) (active, inactive, inventory only)
DATE INVENTORIED (C711): 08 - 23 - 1984 (month, day, year)
STATION TYPE (C802) (Place a 'Y' in the appropriate box): Y (well)
DATA TYPE (C804) (Place an 'A' (active), an 'I' (inactive), or an 'O' (inventory) in the appropriate box): O (WL cont, (WL inv), QW cont., QW int., State water use)
INSTRUMENTS (C805) (Place a 'Y' in the appropriate box): digital recorder, graphic recorder, telemetry land line, telemetry radio, telemetry satellite, AHDAS, deflection meter, bubble gage, CR type recorder, weighing rain gage, tipping bucket rain gage
REMARKS (C808): ODNR # 86745 RASA ~~ODNR WELL LOG NO. 86745 RASA STUDY~~

GROUND-WATER SITE DATA

DATA RELIABILITY (C3): C L M **U**
(C = field checked, L = poor location, M = minimal data, U = unchecked)

SITE TYPE (C2): C D E H I M O P T **W** X
(C = collector, D = drain, E = excavation, H = sinkhole, I = connector well, M = multiple wells, O = outcrop, P = pond, T = tunnel, W = well, X = test hole)

DATE OF CONSTRUCTION (C21): 02 - 10 - 1956 (month - day - year)

USE OF SITE (C23): A C D E G H M O P R S T U **W** X Z
(A = anode, C = standby, emer. supply, D = drain, E = geothermal, G = seismic, H = heat reservoir, M = mine, O = observation, P = oil or gas, R = recharge, S = repressurize, T = test, U = unused, W = withdrawal, X = waste, Z = destroyed)

SECONDARY USE OF SITE (C301) (SEE USE OF SITE): ☐

TERTIARY USE OF SITE (C302) (SEE USE OF SITE): ☐

USE OF WATER (C24): A B C D E F **H** I J K M N P Q R S T U Y Z
(A = air cond., B = bottling, C = commercial, D = domestic, E = power, F = fire, H = irrigation, I = industrial (cooling), J = mining, K = medicinal, M = industrial, N = public supply, P = aquaculture, Q = recreation, R = stock, S = institutional, T = unused, U = desalination, Y = other)

SECONDARY USE OF WATER (C25) (SEE USE OF WATER): ☐

TERTIARY USE OF WATER (C26) (SEE USE OF WATER): ☐

AQUIFER TYPE (C713): U N **C** M X
(U = unconfined, single, N = unconfined, multiple, C = confined, single, M = confined, multiple, X = mixed)

PRIMARY AQUIFER (C714): 315BJLD

HOLE DEPTH (C27): 102.

WELL DEPTH (C28): 102.

SOURCE OF DEPTH DATA (C29): A **D** G L M O R S Z
(A = other gov't., D = driller, G = geologist, L = logs, M = memory, O = owner, R = other reported, S = reporting agency, Z = other)

WATER LEVEL (C30): 4.5

DATE WATER LEVEL MEASURED (C31, Mandatory if C30, water level, has a value): 02 - 10 - 1956 (month - day - year)

METHOD OF WATER-LEVEL MEASUREMENT (C34): A B C E G H L M N **R** S T V Z
(A = airline, B = analog, C = calibrated airline, E = estimated, G = pressure gage, H = calibrated press. gage, L = geophysical logs, M = manometer, N = non-rec. gage, R = reported, S = steel tape, T = electric tape, V = calibrated elec. tape, Z = other)

SITE STATUS FOR WATER LEVEL (C37): D E F G H I J N O P R S T V W X Z
(D = dry, E = recently flowing, F = flowing, G = nearby flowing, H = nearby recently flowing, I = injector site, J = injector site monitor, N = measurement discon., O = obstruction, P = pumping, R = recently pumped, S = nearby pumping, T = nearby recently pumped, V = foreign substance, W = well destroyed, X = surface water effects, Z = other)

SOURCE OF WATER-LEVEL DATA (C33): A **D** G L M O R S Z
(A = other gov't., D = driller, G = geologist, L = logs, M = memory, O = owner, R = other reported, S = reporting agency, Z = other)

CONSTRUCTION DATA

RECORD TYPE (C754): [redacted]

RECORD SEQUENCE NO. (C723): [redacted]

DATE OF CONSTRUCTION (C60): 02 - 10 - 1956 (month - day - year)

NAME OF CONTRACTOR (C63): BUSHONG

SOURCE OF DATA (C64): A **D** G L M O R S Z
(A = other gov't., D = driller, G = geologist, L = logs, M = memory, O = owner, R = other reported, S = reporting agency, Z = other)

METHOD OF CONSTRUCTION (C65): A B C D H J P R T V W Z
(A = air-rotary, B = bored or augered, C = cable tool, D = dug, H = hydraulic rotary, J = jetted, P = air percussion, R = reverse rotary, T = trenching, V = driven, W = drive wash, Z = other)

TYPE OF FINISH (C66): C F G H O P S T W **X** Z
(C = porous concrete, F = gravel w/perf., G = gravel screen, H = horiz. gallery, O = open end, P = perf. or slotted, S = screen, T = sand point, W = walled, X = open hole, Z = other)

TYPE OF SEAL (C67): B C G N Z
(B = bentonite, C = clay, G = cement grout, N = none, Z = other)

BOTTOM OF SEAL (C68): ☐

METHOD OF DEVELOPMENT (C69): A B C J N P S Z
(A = air-lift pump, B = bailed, C = compressed air, J = jetted, N = none, P = pumped, S = surged, Z = other)

HOURS OF DEVELOPMENT (C70): 2

SPECIAL TREATMENT (C71): C D E F H M Z
(C = chemicals, D = dry ice, E = explosives, F = deflocculent, H = hydrofracturing, M = mechanical, Z = other)

CONSTRUCTION HOLE DATA (3 sets shown)

RECORD TYPE (C756) [redacted] RECORD SEQUENCE NO. (C724) [redacted] SEQUENCE NO. OF PARENT RECORD (C59) [redacted]

DEPTH TO TOP OF INTERVAL (C73) [redacted] DEPTH TO BOTTOM OF INTERVAL (C74) 102. DIAMETER OF INTERVAL (C75) 5.00

RECORD SEQUENCE NO. (C724) [redacted]

DEPTH TO TOP OF INTERVAL (C73) [redacted] DEPTH TO BOTTOM OF INTERVAL (C74) . DIAMETER OF INTERVAL (C75) .

RECORD SEQUENCE NO. (C724) [redacted]

DEPTH TO TOP OF INTERVAL (C73) [redacted] DEPTH TO BOTTOM OF INTERVAL (C74) . DIAMETER OF INTERVAL (C75) .

CONSTRUCTION CASING DATA (3 sets shown)

RECORD TYPE (C758) CASING RECORD SEQUENCE NO. (C725) [redacted] SEQUENCE NO. OF PARENT RECORD (C59) [redacted]

DEPTH TO TOP OF CASING (C77) [redacted] DEPTH TO BOTTOM OF CASING (C78) 71.1 DIAMETER OF CASING (C79) 5.

[1] CASING MATERIAL (CBO) CASING THICKNESS (C81) .

RECORD SEQUENCE NO. (C725) [redacted]

DEPTH TO TOP OF CASING (C77) [redacted] DEPTH TO BOTTOM OF CASING (C78) . DIAMETER OF CASING (C79) .

[1] CASING MATERIAL (CBO) CASING THICKNESS (C81) .

RECORD SEQUENCE NO. (C725) [redacted]

DEPTH TO TOP OF CASING (C77) [redacted] DEPTH TO BOTTOM OF CASING (C78) . DIAMETER OF CASING (C79) .

[1] CASING MATERIAL (CBO) CASING THICKNESS (C81) .

FOOTNOTE:

[1] CASING MATERIAL CODES:

B	C	D	G	I	M	P	R	S	T	U	W	Z
brick,	concrete,	copper,	galv. iron,	wrought iron,	other metal,	PVC or plastic,	rock or stone,	steel,	tile,	coated steel,	wood,	other material

CONSTRUCTION OPENINGS DATA (3 sets shown)

RECORD TYPE (C760) OPEN RECORD SEQUENCE NO. (C726) 001 SEQUENCE NO. OF PARENT RECORD (C59) 001

DEPTH TO TOP OF INTERVAL (C83) 71.1 DEPTH TO BOTTOM OF INTERVAL (C84) 102. DIAMETER OF INTERVAL (C87) 5.00

2 MATERIAL TYPE (C66) 3 TYPE OF OPENING (C85) X LENGTH OF OPENING (C89) WIDTH OF OPENING (C88)

RECORD SEQUENCE NO. (C726)

DEPTH TO TOP OF INTERVAL (C83) DEPTH TO BOTTOM OF INTERVAL (C84) DIAMETER OF INTERVAL (C87)

2 MATERIAL TYPE (C66) 3 TYPE OF OPENING (C85) LENGTH OF OPENING (C89) WIDTH OF OPENING (C88)

RECORD SEQUENCE NO. (C726)

DEPTH TO TOP OF INTERVAL (C83) DEPTH TO BOTTOM OF INTERVAL (C84) DIAMETER OF INTERVAL (C87)

2 MATERIAL TYPE (C66) 3 TYPE OF OPENING (C85) LENGTH OF OPENING (C89) WIDTH OF OPENING (C88)

FOOTNOTES:

2 TYPE OF MATERIAL CODES FOR OPEN SECTIONS:

B	C	G	I	M	P	R	S	T	Z
brass or bronze,	concrete,	galv. iron,	wrought iron,	other metal,	PVC or plastic,	stainless steel,	steel,	tile,	other

3 TYPE OF OPENINGS CODES:

F	L	M	P	R	S	T	W	X	Z
fractured rock,	louvered shuttered,	mesh,	perf. or slotted,	wire-wound,	screen, (unk.)	sand point,	walled,	open hole,	other

CONSTRUCTION MEASURE POINT DATA

RECORD TYPE (C766) MPNT RECORD SEQUENCE NO. (C728) BEGINNING DATE (C321) month - day - 19 year ENDING DATE (C322) month - day - 19 year

M.P. HEIGHT (C323) M.P. REMARKS (C324)

CONSTRUCTION LIFT DATA

RECORD TYPE (C752): LIFT | RECORD SEQUENCE NO. (C254): 001 | TYPE OF LIFT (C43): A B C (J) P R S T U Z
(A air, B bucket, C centrifugal, J jet, P piston, R rotary, S submersible, T turbine, U unknown, Z other)

DATE RECORDED (C38): __ - __ - 19__ (month - day - year) | PUMP INTAKE DEPTH (C44): | TYPE OF POWER (C45): D E G H L N W Z
(D diesel, E electric, G gasoline, H hand, L LP gas, N natural gas, W windmill, Z other)

HORSEPOWER RATING (C46): . | MANUFACTURER (C48): | SERIAL NO. (C49):

POWER COMPANY (C50): | POWER COMPANY ACCOUNT NUMBER (C51):

POWER METER NUMBER (C52): | PUMP RATING (C53) (million gallons/unit of fuel): . | ADDITIONAL LIFT (C255):

PERSON OR COMPANY MAINTAINING PUMP (C54): BUSHONG WATER WELLS | RATED PUMP CAPACITY (gpm) (C268): | STANDBY POWER (C56) (see TYPE OF POWER):

HORSEPOWER OF STANDBY POWER SOURCE (C57): .

MISCELLANEOUS OWNER DATA

RECORD TYPE (C768): OWNR | RECORD SEQUENCE NO.(C718): 001 | DATE OF OWNERSHIP (C159): 02 - 10 - 1956 (month - day - year)

NAME (C161): JOHNATHON ALDER SCHOOL

EXAMPLES: JONES, RALPH A.
JONES CONSTRUCTION COMPANY

MISCELLANEOUS OTHER ID DATA

RECORD TYPE (C770): OTID | RECORD SEQUENCE NUMBER (C736): | OTHER ID (C190):

ASSIGNER (C191):

MISCELLANEOUS OTHER DATA

RECORD TYPE (C772): OTDT | RECORD SEQUENCE NUMBER (C312):

OTHER DATA TYPE (C181):

OTHER DATA LOCATION (C182): C D R Z
(C Cooperator's Office, D District Office, R Reporting Agency, Z other)

DATA FORMAT (C261): F M P Z
(F files, M machine readable, P published, Z other)

MISCELLANEOUS VISIT DATA

RECORD TYPE (C774): VIST | RECORD SEQUENCE NO.(C737): | DATE OF VISIT (C187): __ - __ - 19__ (month - day - year)

NAME OF PERSON (C188):

MISCELLANEOUS QW DATA (3 sets shown)

RECORD TYPE (C776) QUAL RECORD SEQUENCE NO. (C738) DATE OF QW MEASUREMENT (C193) __ - __ - 19__ (month, day, year)

AQUIFER SAMPLED (C195) PARAMETER CODE (C196) VALUE (C197)

RECORD TYPE (C776) QUAL RECORD SEQUENCE NO. (C738) DATE OF QW MEASUREMENT (C193) __ - __ - 19__ (month, day, year)

AQUIFER SAMPLED (C195) PARAMETER CODE (C196) VALUE (C197)

RECORD TYPE (C776) QUAL RECORD SEQUENCE NO. (C738) DATE OF QW MEASUREMENT (C193) __ - __ - 19__ (month, day, year)

AQUIFER SAMPLED (C195) PARAMETER CODE (C196) VALUE (C197)

MISCELLANEOUS LOGS DATA (3 sets shown)

RECORD TYPE (C778) LOGS RECORD SEQUENCE NO. (C739) 001

TYPE OF LOG (C199): A time, B collar, C caliper, (D) driller's, E elec., F fluid conduct, G geologist, H magnetic, I induction, J gamma ray, K dip meter, L lateral log, M micro-log, N neutron, O micro-lateral log, P photo video, Q radio-active, S sonic, T temp., U gamma-gamma, V fluid velocity, X core, Z other

BEGINNING DEPTH (C200) 0 . ENDING DEPTH (C201) 102 . SOURCE OF DATA (C202): (A) other gov't, D driller, G geologist, L logs, M memory, O owner, R other reported, S reporting agency, Z other

RECORD SEQUENCE NO. (C739)

TYPE OF LOG (C199): A time, B collar, C caliper, D driller's, E elec., F fluid conduct, G geologist, H magnetic, I induction, J gamma ray, K dip meter, L lateral log, M micro-log, N neutron, O micro-lateral log, P photo video, Q radio-active, S sonic, T temp., U gamma-gamma, V fluid velocity, X core, Z other

BEGINNING DEPTH (C200) . ENDING DEPTH (C201) . SOURCE OF DATA (C202): A other gov't, D driller, G geologist, L logs, M memory, O owner, R other reported, S reporting agency, Z other

RECORD SEQUENCE NO. (C739)

TYPE OF LOG (C199): A time, B collar, C caliper, D driller's, E elec., F fluid conduct, G geologist, H magnetic, I induction, J gamma ray, K dip meter, L lateral log, M micro-log, N neutron, O micro-lateral log, P photo video, Q radio-active, S sonic, T temp., U gamma-gamma, V fluid velocity, X core, Z other

BEGINNING DEPTH (C200) . ENDING DEPTH (C201) . SOURCE OF DATA (C202): A other gov't, D driller, G geologist, L logs, M memory, O owner, R other reported, S reporting agency, Z other

MISCELLANEOUS NETWORK DATA (3 types shown)

RECORD TYPE (C780) N|E|T|W | RECORD SEQUENCE NO. (C730) | TYPE OF NETWORK (C706) QW (water quality) | SEGINNING YEAR (C115) 1|9| | ENDING YEAR (C116) 1|9|

TYPE OF ANALYSES (C120)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Z
physical properties,	common ions,	trace elements,	pesticides,	nutrients,	sanitary elements,	codes B&D,	codes B&E,	codes B&C	codes B&F,	codes D&E,	codes C,D&E,	all or most,	codes B&C& radioactive,	codes B,C&A,	other

SOURCE AGENCY (C117) | [4] FREQUENCY OF COLLECTION (C118) | ANALYZING AGENCY (C307) | [5] PRIMARY NETWORK SITE (C257) | [5] SECONDARY NETWORK SITE (C70S)

RECORD TYPE (C760) N|E|T|W | RECORD SEQUENCE NO. (C730) | TYPE OF NETWORK (C706) WL (water level) | SEGINNING YEAR (C115) 1|9| | ENDING YEAR (C116) 1|9|

SOURCE AGENCY (C117) | [4] FREQUENCY OF COLLECTION (C118) | [5] PRIMARY NETWORK SITE (C257) | [5] SECONDARY NETWORK SITE (C708)

RECORD TYPE (C7S0) N|E|T|W | RECORD SEQUENCE NO. (C730) | TYPE OF NETWORK (C706) WD (pumpage or withdrawals) | SEGINNING YEAR (C115) 1|9| | ENDING YEAR (C116) 1|9|

SOURCE AGENCY (C117) | [4] FREQUENCY OF COLLECTION (C11S) | METHOD OF COLLECTION (C133) C E M U Z (calculated, estimated, metered, unknown, other) | [5] PRIMARY NETWORK SITE (C257) | [5] SECONDARY NETWORK SITE (C708)

FOOTNOTES:

[4] FREQUENCY OF COLLECTION CODES

A	B	C	D	F	I	M	O	Q	S	W	Z	2	3	4	5	X
annually,	bi monthly,	continuously,	daily,	semi-monthly,	intermittent,	monthly,	one-time only,	quarterly,	semi-annually,	weekly,	other,	bi-annually,	every 3 years,	every 4 years,	every 5 years,	every 10 years

[5] NETWORK SITE CODES

1	2	3	4
national,	district,	project,	co-operator

MISCELLANEOUS REMARKS DATA

RECORD TYPE (C788) R|M|K|S | RECORD SEQUENCE NO. (C311) | DATE OF REMARK (C184) __ (month) – __ (day) – 1|9| (year)

REMARKS (C1S6)

DISCHARGE DATA

RECORD SEQUENCE NO. (C147): 001

DATE DISCHARGE MEASURED (C148): 02 (month) - 10 (day) - 1956 (year)

TYPE OF DISCHARGE (C703): P (pumped) F (flow)

DISCHARGE (gpm) (C150): 100.

SOURCE OF DATA (C151): A (other government) D (driller) G (geologist) L (logs) M (memory) O (owner) R (other reported) S (reporting agency) Z (other)

METHOD OF DISCHARGE MEASUREMENT (C152): A (accoustic meter) B (baller) C (current meter) D (Doppler meter) E (estimated) F (flume) M (totaling meter) O (orifice) P (pitot-tube meter) R (reported) T (trajectory) U (venturi meter) V (volumetric meas.) W (weir) Z (other)

PRODUCTION WATER LEVEL (C153):

STATIC WATER LEVEL (C154): 4.5

SOURCE OF DATA (C155): A (other government) D (driller) G (geologist) L (logs) M (memory) O (owner) R (other reported) S (reporting agency) Z (other)

METHOD OF WATER LEVEL MEASUREMENT (C158): A (airline) B (analog) C (calib. airline) E (estimated) G (pressure gage) H (calib. pressure gage) L (geophysical logs) M (manometer) N (non-rec. gage) R (reported) S (steel tape) T (electric tape) V (calib., elec. tape) Z (other)

PUMPING PERIOD (C157): 2.

SPECIFIC CAPACITY (C272): 25.

DRAWDOWN (C309): 4.

GEOHYDROLOGIC DATA

RECORD TYPE (C748): GEOH

RECORD SEQUENCE NO. (C721):

DEPTH TO TOP OF UNIT (C91):

DEPTH TO BOTTOM OF UNIT (C92):

UNIT IDENTIFIER (C93):

LITHOLOGY (C96):

CONTRIBUTING UNIT (C304): P (principal aquifer) S (secondary aquifer) N (no contribution) U (unknown)

LITHOLOGIC MODIFIER (C97):

GEOHYDROLOGIC AQUIFER DATA

RECORD TYPE (C750): AQFR

RECORD SEQUENCE NO. (C742):

SEQUENCE NO. OF PARENT RECORD (C256):

DATE (C95): (month) - (day) - 19 (year)

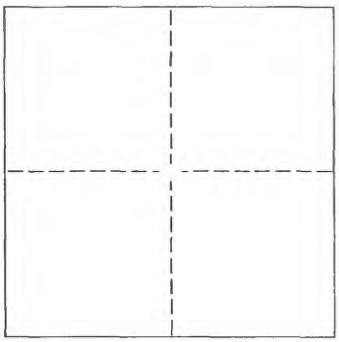
STATIC WATER LEVEL (C126):

CONTRIBUTION (C132):

SITE LOCATION SKETCH AND DIRECTIONS

Township Canaan Range _____

Section# _____



☆ U.S. GOVERNMENT PRINTING OFFICE: 1987 - 174-608 - 814/60157

(C01) 001 (C81) 0 BOTTOM OF UNIT (C82) 67

UNIT IDENTIFIER (C83) 1NR7TAL4 LITHOLOGY (C86) CLSD CONTRIBUTING UNIT (C304) P S (N) U

LITHOLOGIC MODIFIER (C87)

GEOHYDROLOGIC AQUIFER DATA

RECORD TYPE (C760) AQFR RECORD SEQUENCE NO (C742) SEQUENCE NO OF PARENT RECORD (C258)

DATE (C85) - - 19 STATIC WATER LEVEL (C138) . CONTRIBUTION (C132)

GEOHYDROLOGIC DATA

RECORD TYPE (C748) GEOH RECORD SEQUENCE NO (C721) 002 DEPTH TO TOP OF UNIT (C81) 69. DEPTH TO BOTTOM OF UNIT (C82) 102.

UNIT IDENTIFIER (C83) 1351BFLD LITHOLOGY (C86) LMSN CONTRIBUTING UNIT (C304) (P) S N U

LITHOLOGIC MODIFIER (C87)

GEOHYDROLOGIC AQUIFER DATA

RECORD TYPE (C760) AQFR RECORD SEQUENCE NO (C742) 001 SEQUENCE NO OF PARENT RECORD (C258) 002

DATE (C85) 02-10-1956 STATIC WATER LEVEL (C138) 4.5 CONTRIBUTION (C132) 100

GEOHYDROLOGIC DATA

RECORD TYPE (C748) GEOH RECORD SEQUENCE NO (C721) DEPTH TO TOP OF UNIT (C81) . DEPTH TO BOTTOM OF UNIT (C82) .

UNIT IDENTIFIER (C83) LITHOLOGY (C86) CONTRIBUTING UNIT (C304) P S N U

LITHOLOGIC MODIFIER (C87)

GEOHYDROLOGIC AQUIFER DATA

RECORD TYPE (C760) AQFR RECORD SEQUENCE NO (C742) SEQUENCE NO OF PARENT RECORD (C258)

DATE (C85) - - 19 STATIC WATER LEVEL (C138) . CONTRIBUTION (C132)

Table 1. Records of selected wells in western Ohio

[--, no data;
USGS well number: County prefix and sequence number assigned by the U.S. Geological Survey;
Location: Under latitude and longitude columns, the first two digits represent degrees, the second two digits represent minutes, and the final two digits represent seconds;
Quadrangle name: Refers to U.S. Geological Survey 7.5-minute topographic quadrangle maps;
Elevation of land surface: In feet above sea level;
Date constructed: Month, day, and year that construction was finished;
Depth of well: In feet below land surface;
Bottom of casing: In feet below land surface;
Diameter of casing: Inside diameter; single digits are nominal diameters;
Aquifer code: Refer to table 2;
Water level: In feet below land surface. The code (F) indicates a flowing well;
Lithology: From Mathey (1990, p. 2-110 and 2-111)]

USGS well number	Location		Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
	Latitude	Longitude									
				ADAMS COUNTY							
A-13	385452	832445	PEEBLES	950	05-14-60	37	25	5.63	355NIGR	26	LMSN
A-14	384920	833055	WEST UNION	800	09-27-58	70	70	5.63	112OTSH	40	GRCL
A-15	383952	832248	CONCORD	520	05-22-64	78	78	6	112OTSH	43	GRVL
A-16	384715	833918	DECATUR	950	09-24-69	100	28	6	360ODVC	50	LMSN
A-17	384744	832233	LYNX	780	10-27-69	90	5	6	350SLRN	60	LMSN
A-18	385522	833808	WINCHESTER	1015	06-11-70	52	52	6	112OTSH	6	SDGL
A-19	390118	832523	SINKING SPRINGS	780	12-07-82	109	25	6	355NIGR	10	LMSN
A-20	390123	832251	SINKING SPRINGS	780	12-07-70	40	35	5.63	112OTSH	20	SAND
A-21	384657	832949	LYNX	940	06-06-69	60	8	6	355NIGR	17	LMSN
A-22	384715	831909	BLUE CREEK	640	04-09-68	75	6	6	350SLRN	27	LMSN
A-23	385021	831616	BLUE CREEK	620	04-06-72	58	58	6	112OTSH	12	GRVL
A-24	385817	831959	JAYBIRD	740	12-16-71	75	19	6	355NIGR	35	LMSN
A-25	384211	832218	BUENA VISTA	700	07-20-66	48	10.5	6	355NIGR	26	LMSN
A-26	385556	832821	PEEBLES	620	11-20-57	32	25.5	5.63	112TILL	20	GRCL
A-27	385226	834011	DECATUR	1010	12-17-81	100	33	6.63	360ODVC	33	LMSN
A-28	390124	833405	BELFAST	1080	08-12-68	41	37	6.63	355NIGR	31	LMSN
A-29	385247	832212	JAYBIRD	800	08-29-69	65	6	6	351BILD	38	LMSN
A-30	384140	833610	MANCHESTER IS.	560	04-18-55	71	64	5.63	112OTSH	34	SDGL
A-31	384139	833515	MANCHESTER IS.	540	05-26-59	125	30	5.63	360ODVC	50	LMSN
A-32	384410	833104	MANCHESTER IS.	950	08-25-62	50	11.5	5.63	355NIGR	20	LMSN
A-33	384031	832703	CONCORD	500	09-30-65	64	44	6	112OTSH	16	SDGL
A-34	384850	832511	LYNX	540	11-24-67	49	49	6	112OTSH	26	GRVL
				ALLEN COUNTY							
AL-20	405105	835726	BEAVERDAM	845	07-12-53	39	39	4.25	112OTSH	16	GRVL
AL-21	405101	840523	CAIRO	800	09-28-61	46	42	4.25	351RRVR	18	DLMT
AL-22	404836	840701	CAIRO	785	04-21-59	60	26	5.63	351RRVR	18	DLMT
AL-23	404905	841111	ELIDA	800	03-10-64	74	74	4.25	112OTSH	19	SDGL
AL-24	405002	841821	DELPHOS	770	06-10-60	26	26	5.63	112OTSH	7	GRVL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				ALLEN COUNTY--Continued							
AL-25	404837	831343	ELIDA	790	11-24-58	40	17	4.25	351RRVR	10	DLMT
AL-26	404640	835933	BEAVERDAM	905	04-30-53	56	36	4.25	351RRVR	24	DLMT
AL-27	404223	840920	CRIDERSVILLE	825	05-02-60	61	61	4.25	1120TSH	32	SDGL
AL-28	404947	835825	BEAVERDAM	862	08-25-62	305	36.2	8	350SLRN	12	DLMT
AL-29	404451	842323	SPENCERVILLE	830	12-22-64	57	57	4.25	1120TSH	26	SDGL
AL-30	404207	840446	LIMA	920	03-27-61	58	58	4.25	1120TSH	28	SDGL
AL-31	404341	841540	SPENCERVILLE	810	11-24-64	34.5	34.5	4.25	1120TSH	22	SDGL
AL-32	404619	840905	ELIDA	825	03-01-64	72	48	4.25	351TMCT	40	DLMT
AL-33	404209	841121	CRIDERSVILLE	880	08-13-58	145	81	4.25	351TMCT	60	DLMT
AL-34	404450	842323	ELGIN	810	10-21-63	85	--	--	351TMCT	18	DLMT
AL-35	404225	841854	SPENCERVILLE	837	04-15-64	115	--	--	351TMCT	32	DLMT
AL-36	404217	840136	LIMA	985	01-19-62	240	93	8	351BILD	58	DLMT
AL-37	404603	840935	ELIDA	825	09-12-60	175	175	4.25	1120TSH	45	SDGL
AL-38	404259	835905	HARROD	980	09-20-57	96.5	96.5	4.25	1120TSH	48	GRVL
AL-39	404829	840528	CAIRO	825	04-20-60	50	38	4.25	351TMCT	28	DLMT
AL-40	404352	835706	HARROD	982	07-15-55	97	79	4.25	351RRVR	45	DLMT
				AUGLAIZE COUNTY							
AU-23	403246	842708	ST. MARYS	880	11-14-58	124	104	4.25	355LCKP	23	DLMT
AU-24	403338	841410	WAPOKENETA	890	07-07-58	65	65	4.25	1120TSH	8	SDGL
AU-25	403436	842639	ST.MARYS	880	05-09-64	99	46	4.25	355LCKP	41	DLMT
AU-26	403055	840843	WAPOKENETA	985	08-09-66	81	81	4.25	1120TSH	21	SDGL
AU-27	403606	835250	WAYNESFIELD	1035	04-18-60	83	80	4.25	351TMCT	27	DLMT
AU-28	404056	841616	SPENCERVILLE	845	08-30-60	111	47	4.25	351BILD	33	DLMT
AU-29	403849	842032	SPENCERVILLE	830	07-28-52	70.6	38	4.25	351BILD	18	DLMT
AU-30	402857	841124	BOTKINS	1005	05-14-64	169	138	4.25	355LCKP	60	DLMT
AU-31	403107	841640	MOULTON	890	11-12-59	74	70	4	355LCKP	24	DLMT
AU-32	403601	840645	UNIOPOLIS	915	07-22-65	127	101	4.25	351BILD	25	DLMT
AU-33	402615	842130	NEW KNOXVILLE	957	05-07-64	115	66	5.63	355LCKP	50	DLMT
AU-34	402426	842305	NEW BREMEN	960	02-08-62	134	87.5	5.63	355LCKP	25	DLMT
AU-35	403616	840624	UNIOPOLIS	925	06-07-61	103	102	4.25	351BILD	15	DLMT
AU-36	403316	835711	WAYNESFIELD	1040	09-27-62	55	55	4.25	1120TSH	19	SDGL
AU-37	402352	842344	NEW BREMEN	867	04-04-64	94	94	4.25	112TILL	30	GRVL
AU-38	402615	842712	NEW BREMEN	947	05-06-59	122	122	5	1120TSH	31	GRVL
AU-39	403320	840502	UNIOPOLIS	1000	02-01-63	136	136	4.25	1120TSH	40	SDGL
AU-40	403829	840249	LIMA	930	01-08-63	80	80	4.25	112TILL	15	GRVL
AU-41	403820	835617	HARROD	1052	07-12-58	86	86	4.25	1120TSH	30	SDGL
AU-42	403822	842720	ELGIN	840	09-01-58	54	--	--	112TILL	54	GRVL
				BROWN COUNTY							
BR-2	385626	834252	WINCHESTER	1035	08-06-81	65	47.5	6.00	361RCMD	25	LMSN
BR-3	391141	835600	FAYETTEVILLE	940	06-25-81	75	75	6.63	1120TSH	7	GRVL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				BROWN COUNTY--Continued							
BR-4	391230	835630	FAYETTEVILLE	895	04-19-80	110	104	6.00	361RCMD	45	LMSN
BR-5	385818	835101	ASH RIDGE	970	08-20-58	90	41	5.63	361RCMD	17	LMSN
BR-6	385235	835958	HAMERSVILLE	940	04-14-61	60	24.9	5.63	361MSVL	6	LMSN
BR-7	384718	835739	HIGGINSPORT	500	09-03-80	80	61.9	10	112OTSH	8	SDGL
BR-8	385106	835413	HIGGINSPORT	900	08-15-56	52	28	5.63	361MSVL	10	LMSN
BR-9	384201	834710	MAYSVILLE WEST	510	01-04-59	71	57.6	5.63	361EDEN	21	LMSN
BR-10	383959	834541	MAYSVILLE WEST	540	05-03-60	64	53	5.63	361MSVL	29	LMSN
BR-11	383952	834545	MAYSVILLE WEST	540	10-27-65	71	--	--	112OTSH	14	SDGL
BR-12	390627	835628	MT. ORAB	945	05-15-62	76	25.4	5.63	361RCMD	12	LMSN
BR-13	385156	835011	RUSSELLVILLE	920	12-23-57	61	16	5.63	361MSVL	8	LMSN
BR-14	385704	835207	ASH RIDGE	970	08-02-69	70	70	6.00	112OTSH	6	SDGL
BR-15	385416	834725	ASH RIDGE	1000	11-08-80	112	95	6.00	361RCMD	30	LMSN
BR-16	384220	834220	DECATUR	900	08-12-58	61	54	5.63	361RCMD	16	LMSN
BR-17	384905	834326	DECATUR	800	03-06-72	50	11	6.63	112TILL	10	GRCL
BR-18	385641	835707	HAMERSVILLE	910	07-18-57	60	36	5.63	361MSVL	8	LMSN
				BUTLER COUNTY							
BU-1050	393207	844350	OXFORD	900	07-03-64	43	43	6	112OTSH	20	SDGL
BU-1051	393058	843634	WEST ELKTON	705	10-06-61	42	42	4.25	112OTSH	15	SDGL
BU-1052	392639	842551	TRENTON	630	03-12-64	40	40	6	112OTSH	8	SDGL
BU-1053	391954	843223	GREENHILLS	650	05-09-62	50	50	6	112OTSH	25	SDGL
BU-1054	392011	844206	SHARDON	625	09-16-77	100	100	5.63	112OTSH	25	SDGL
BU-1055	392122	843559	GREENHILLS	610	04-17-74	75	21.6	--	360ODVC	8	SHLE
BU-1056	392722	843018	HAMILTON	650	04-25-67	82	31.6	6	360ODVC	36	LMSN
BU-1057	392249	843019	HAMILTON	760	07-24-62	100	40	6	360ODVC	50	LMSN
BU-1058	392710	842512	TRENTON	745	07-03-74	60	21	5.50	361RCMD	24	LMSN
BU-1059	392528	842431	TRENTON	740	09-12-73	60	60	6	361RCMD	27	LMSN
BU-1060	393235	844423	OXFORD	805	07-24-76	75	15	6	361RCMD	29	LMSN
BU-1061	393323	843904	OXFORD	825	09-02-87	37	37	5.63	361RCMD	18	LMSN
BU-1062	391953	844223	SHANDON	620	08-12-87	50	26	10	361RCMD	14	LMSN
BU-1063	392537	844631	REILY	880	05-23-61	100	77.9	6	361RCMD	40	LMSN
BU-1064	392056	842505	GLENDALE	880	01-07-57	92	11	5.65	360ODVC	15	LMSN
				CHAMPAIGN COUNTY							
CH-23	400327	835000	URBANA WEST	1100	06-06-56	70	60	4.25	355LCKP	41	LMSN
CH-24	400318	840105	CHRISTIANBURG	1125	05-18-57	82.5	73	5.63	355LCKP	3.5	LMSN
CH-25	400414	835451	THACKERY	1170	02-22-58	72	72	4.25	112OTSH	14	GRVL
CH-26	400509	835827	THACKERY	1185	12-03-53	57	57	5.25	112OTSH	23	SDGL
CH-27	401521	835213	BELLEFONTAINE	1050	06-03-72	40	40	5.63	112OTSH	20	GRVL
CH-28	400439	833239	MECHANICSBURG	1060	04-14-71	278	255	4.25	351BILD	81	LMSN
CH-29	400324	833430	MECHANICSBURG	1100	04-01-74	124	124	6.00	112OTSH	35	GRVL
CH-30	400830	834514	NORTHVILLE	1040	08-18-72	67	67	5.63	112OTSH	46	GRVL
CH-31	401134	835047	NORTHVILLE	1060	07-31-73	144	144	5.25	112OTSH	22	SDGL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location		Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
	Latitude	Longitude									
				CHAMPAIGN COUNTY--Continued							
CH-32	401431	835821	SAINT PARIS	1105	05-20-72	200	184	5.63	350SLRN	20	LMSN
CH-33	400922	835330	SAINT PARIS	1190	06-30-70	303	298	4.25	355LCKP	120	LMSN
CH-47	400647	834245	URBANA EAST	1170	06-04-57	91	91	4.25	112OTSH	60	SDGL
CH-48	400505	834004	URBANA EAST	1170	09-14-67	179	158	4.25	351BILD	62	LMSN
CH-49	400823	833756	KINGSCREEK	1325	06-20-64	198	186	4.25	351BILD	166	LMSN
CH-50	401404	834228	KINGSCREEK	1200	01-28-64	152	82	4.25	351BILD	70	LMSN
CH-51	401201	833234	NORTH LEWISBURG	1060	05-21-70	52	38	4.25	351BILD	3	LMSN
CH-52	400558	834621	URBANA WEST	1045	03-03-66	170	160	4.25	355LCKP	56	LMSN
				CLARK COUNTY							
CL-118	395619	833639	VIENNA	1235	06-08-66	100	100	5.63	112OTSH	76	SDGL
CL-119	395845	833237	VIENNA	1180	03-19-77	240	220	6	351GFLD	75	DLMT
CL-120	400019	833532	MECHANICSBURG	1245	09-01-71	70	70	5.63	112OTSH	59	SGVC
CL-121	400037	835619	THACKERY	1120	11-21-54	60	60	6	112OTSH	13	GRVL
CL-122	394946	833933	SOUTH CHARLESTON	1075	04-27-70	127	120	6	354CDVL	15	DLMT
CL-123	395010	833420	FLORENCE	1152	10-21-67	110	110	4.25	112OTSH	45	SDGL
CL-124	395019	834556	CLIFTON	1090	06-01-72	54	54	5.63	112OTSH	34	SDGL
CL-125	395044	834821	CLIFTON	1035	06-07-56	86	39	6	355LCKP	28	DLMT
CL-126	395645	834632	SPRINGFIELD	1015	06-01-59	51	46	5.63	354CDVL	5	DLMT
CL-127	395650	834632	SPRINGFIELD	1005	07-01-77	51	51	5.63	112OTSH	30	SDGL
CL-128	395532	835148	SPRINGFIELD	990	04-01-57	170	170	5	357BFLD	70	LMSN
CL-129	395607	835829	DONNELSVILLE	950	05-26-72	70	26	5.63	357BFLD	12	LMSN
CL-130	395547	835703	DONNELSVILLE	990	03-18-78	117	117	5.50	112OTSH	90	SDGL
CL-131	395926	835705	DONNELSVILLE	1095	10-01-52	74	71	5	354SPGF	20	DLMT
				CLINTON COUNTY							
CN-11	392430	835757	CLARKSVILLE	845	04-21-54	46	46	6.00	112OTSH	22	SAND
CN-12	392241	835305	CLARKSVILLE	1010	06-25-54	143	143	5.00	112OTSH	50	SAND
CN-13	392452	835509	CLARKSVILLE	960	08-23-54	110	--	--	360ODVC	--	SHLE
CN-16	392623	835521	CLARKSVILLE	990	01-08-55	147	147	5.00	112OTSH	127	GRVL
CN-17	392417	834217	SABINA	1090	05-04-55	54	21	5.00	355NIGR	3	LMSN
CN-18	393405	835801	NEW BURLINGTON	860	11-07-57	59	59	5.63	112TILL	11	GRCL
CN-19	393245	834730	PORT WILLIAM	1035	05-20-58	40	30	5.00	355NIGR	10	LMSN
CN-20	393142	834917	PORT WILLIAM	1035	04-16-55	103	103	5.00	112OTSH	30	SDGL
CN-21	393019	835124	PORT WILLIAM	1045	05-15-53	44.5	--	--	355NIGR	10	LMSN
CN-22	391947	834959	MARTINSVILLE	1025	08-03-55	114	114	5.00	112OTSH	29	GRVL
CN-23	392003	834705	MARTINSVILLE	1057	06-24-54	35	--	--	355NIGR	3	LMSN
CN-24	392341	835522	CLARKSVILLE	990	12-11-53	100	--	--	360ODVC	48	SHLE
				CRAWFORD COUNTY							
CR-30	404334	824432	BLOOMING GROVE	1190	03-28-83	33	33	6	112OTSH	4	SDGL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				CRAWFORD COUNTY--Continued							
CR-31	404455	825210	GALION	1050	09-23-68	46	44	4.5	112OTSH	14	SDGL
CR-32	404521	824656	NORTH ROBINSON	1170	10-04-66	38	36	4.25	112OTSH	16	SDGL
CR-33	404512	824712	NORTH ROBINSON	1150	08-02-69	40	24	4.25	330MSSP	15	LMSN
CR-34	405013	824619	NORTH ROBINSON	1130	01-23-76	57	57	5.63	330BERE	13	SNDS
CR-35	404943	824843	NORTH ROBINSON	1180	06-01-77	76	27.7	5.19	330BERE	15	SHLE
CR-37	405011	825156	NORTH ROBINSON	1040	05-21-64	35	35	4.25	112OTSH	19	SDGL
CR-38	405714	830538	LYKENS	930	09-29-59	50	43	4.25	344DRVR	25	LMSN
CR-39	405729	830058	LYKENS	960	06-30-78	95	46	5.63	340DVNN	70	LMSN
CR-40	405001	825839	BUCYRUS	1010	06-09-67	33	30.2	4.5	112OTSH	9	SDGL
CR-41	405847	825817	CHATFIELD	965	09-30-76	60	59	4.5	344DLWR	20	LMSN
CR-42	405659	825555	CHATFIELD	985	01-28-83	35	33	6.25	112OTSH	11	SDGL
CR-43	405000	830333	OCEOLA	980	08-30-77	100	53	5.63	340DVNN	72	LMSN
CR-44	405151	830536	OCEOLA	960	04-16-79	82	63	5.63	344CLMB	44	LMSN
CR-45	404936	830635	OCEOLA	950	03-25-71	37	35.7	4.25	112OTSH	17	SDGL
CR-46	404716	830143	OCEOLA	980	09-28-79	175	55.6	5	340DVNN	98	LMSN
CR-47	404513	830431	OCEOLA	970	02-23-76	83	73	4.50	340DVNN	39	LMSN
CR-48	404306	825840	CALEDONIA	1010	10-27-80	65	65	5.63	112OTSH	13	SDGL
CR-49	404424	825947	CALEDONIA	1010	06-10-67	35	30	4.50	112OTSH	5	SDGL
CR-50	405516	824524	NEW WASHINGTON	1035	11-24-53	30	22	4	330BERE	12	SNDS
CR-51	405502	825110	NEW WASHINGTON	1005	07-05-79	59	--	--	112OTSH	17	SAND
CR-52	405449	824437	SHELBY	1080	02-15-54	48	48	4	112OTSH	20	GRVL
CR-53	405252	824412	SHELBY	1020	06-01-78	80	80	5.63	112OTSH	18	SDGL
				CLERMONT COUNTY							
CT-13	390636	841400	BATAVIA	840	02-28-59	48	48	6.63	112OTSH	22	GRVL
CT-14	390253	841515	WITHAMSVILLE	915	11-15-54	70	20	5.63	361MSVL	20	LMSN
CT-15	390324	841550	WITHAMSVILLE	915	12-15-54	65	43	5.63	112OTSH	8	LMSN
CT-16	390017	841808	WITHAMSVILLE	510	10-15-54	97	67	--	112OTSH	47	SDGL
CT-17	385917	840449	BETHEL	870	08-18-61	100	22	6.00	361MSVL	24	LMSN
CT-18	385803	840421	BETHEL	895	04-14-55	65	65	4.00	112OTSH	10	GRDS
CT-19	391126	841635	MADEISA	655	09-15-60	92	27	6.00	361MSVL	20	LMSN
CT-20	391204	841204	GOSHEN	880	07-07-56	75	56	6.00	361MSVL	15	LMSN
CT-21	391407	840928	GOSHEN	840	08-04-56	110	110	6.25	112OTSH	34	SDGL
CT-22	390832	841334	GOSHEN	640	08-07-56	70	70	6.60	112OTSH	20	SDGL
CT-23	384733	840530	FELICITY	600	03-20-61	68	22	5.63	361MSVL	40	LMSN
CT-24	384755	841010	MOSCOW	520	10-10-64	105	45	8.00	112OTSH	51	LMSN
CT-25	384748	840827	MOSCOW	540	11-27-54	60	56	5.00	112OTSH	47	SDGL
CT-26	385706	841312	LAUREL	850	04-16-60	85	52	6.00	361EDEN	14	LMSN
CT-27	385819	841321	LAURL	690	08-07-59	65	28	6.00	361EDEN	21	LMSN
CT-28	390304	840453	WILLIAMSBURG	825	08-06-59	76	53	5.63	361MSVL	18	LMSN
CT-29	390534	841109	BATAVIA	570	11-28-53	75	54	6.00	361MSVL	12	LMSN
CT-30	391023	840450	NEWTONSVILLE	905	08-11-76	68	44	6.63	361RCMD	10	LMSN
CT-31	390754	840519	NEWTONSVILLE	905	06-15-64	140	120	6.25	361RCMD	30	LMSN

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				CLERMONT COUNTY--Continued							
CT-32	390827	840646	NEWTONSVILLE	875	11-04-58	108	108	6.25	1120TSH	68	GRVL
CT-33	390830	840641	NEWTONSVILLE	880	07-31-59	190	180	6	361MSVL	50	LMSN
CT-34	391502	840408	PLEASANT PLAIN	915	07-01-64	85	85	6.25	1120TSH	18	CLAY
CT-35	384833	841248	MOSCOW	490	08-20-59	66	58	5.63	1120TSH	38	SDGL
				DARKE COUNTY							
D-50	402011	843747	ROSSBURG	995	03-04-58	137	103	6.00	355LCKP	18.5	LMSN
D-51	402021	843445	NORTH STAR	977	02-13-63	116	43	3.00	355LCKP	19	LMSN
D-52	395854	843436	ARCANAM	1045	11-12-75	58	39	6.00	355LCKP	6	LMSN
D-53	402022	842941	OSGOOD	962	06-15-59	80	68	5	355LCKP	4	LMSN
D-54	400139	843949	GREENVILLE WEST	1035	10-13-75	49	37	4.25	355LCKP	6	LMSN
D-55	400541	844232	GREENVILLE WEST	1082	08-17-79	57	55	4.25	355LCKP	12	LMSN
D-57	400443	844808	SPARTANBURG	1175	10-01-66	127	124	4.25	1120TSH	30	GRVL
D-58	400742	844719	UNION CITY	1125	05-01-75	75	75	4.25	1120TSH	30	GRVL
D-59	401119	844653	UNION CITY	1095	04-14-64	110	106	4.00	355LCKP	36	LMSN
D-60	400418	842620	GETTYSBURG	997	02-12-74	57	56	4.25	355LCKP	10	LMSN
D-61	400707	843649	GREENVILLE EAST	1080	10-15-63	68	60	4.25	1120TSH	30	SAND
D-62	400111	843404	GREENVILLE EAST	1047	01-06-61	52	41	4.25	355LCKP	7	LMSN
D-63	400454	843018	GREENVILLE EAST	1017	05-14-74	40	40	5.63	1120TSH	12	GRVL
D-64	400252	843552	GREENVILLE EAST	1062	06-01-67	34	34	4.25	1120TSH	15	GRVL
D-65	395931	844010	NEW MADISON	1110	07-05-72	85	68	6.00	355LCKP	30	LMSN
D-66	401431	843907	ANSONIA	1035	06-01-81	198	185	5.63	355LCKP	34	LMSN
D-67	401437	843918	ANSONIA	1040	12-17-69	152	152	5.00	1120TSH	25	SDGL
D-68	400956	843814	ANSONIA	1037	02-16-66	97	86	4.25	355LCKP	20	LMSN
D-69	395823	842835	LAURA	1030	03-12-55	64	52	5.63	355LCKP	13	LMSN
D-70	395840	842553	LAURA	1010	03-08-68	125	125	5.63	1120TSH	38	GRVL
D-71	401039	843026	DAWN	955	12-20-62	49.5	49.5	4.25	1120TSH	17	SDGL
D-72	400839	843124	DAWN	1010	11-10-60	71	67	4.25	355LCKP	19	LMSN
D-73	400915	843308	DAWN	1010	06-06-74	58	48	4.25	355LCKP	6	LMSN
D-74	401321	843254	DAWN	1000	04-05-77	70	65	5.50	1120TSH	23	SDGL
				DEFIANCE COUNTY							
DE-14	411023	841711	AYRESVILLE	715	10-08-65	100	--	--	340DVNN	20	LMSN
DE-15	411509	841841	DEFIANCE EAST	722	07-16-62	59.5	--	4.25	1120TSH	32	SDGL
				DELAWARE COUNTY							
DL-30	401338	830535	POWELL	945	11-19-60	70	70	5	1120TSH	33	SDGL
DL-31	401258	830500	POWELL	925	08-25-64	225	164	7.00	344CLMB	92	LMSN
DL-32	401723	825746	KILBOURNE	935	01-16-62	36	--	--	1120TSH	18	SDGL
DL-33	401008	825939	KILBOURNE	960	05-12-65	42	42	5.00	1120TSH	15	SDGL
DL-34	402125	825833	KILBOURNE	980	10-16-52	91	82.5	4.00	3410HIO	21	SHLE

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				DELAWARE COUNTY--Continued							
DL-35	402054	825353	KILBOURNE	985	11-05-64	32	32	5.63	112OTSH	20	SDGL
DL-36	401557	825544	KILBOURNE	970	04-19-62	445	7	8.00	340DVNN	8	LMSN
DL-37	401559	825613	KILBOURNE	960	04-18-60	50	15	6.00	112OTSH	2	SDGL
DL-38	401257	825309	GALENA	905	08-22-62	62	53	8.00	112OTSH	10.6	SDGL
DL-39	401142	825034	SUNBURY	1000	09-16-70	80	11	6.00	330MSSP	8	SNDS
DL-40	401138	824637	SUNBURY	1090	08-20-70	43	43	6.00	112OTSH	17	SDGL
DL-41	401528	824727	OLIVE GREEN	1080	07-26-82	73	29	6	330MSSP	8	SNDS
DL-42	401819	825140	OLIVE GREEN	1000	01-22-65	26	20	4.00	330BERE	6	SNDS
DL-43	401931	824857	OLIVE GREEN	1085	04-11-66	37	37	4.25	112OTSH	24	GRVL
DL-44	401945	824850	OLIVE GREEN	1100	07-26-66	72	44	4.25	330MSSP	35	LMSN
DL-45	402604	830431	WALDO	950	11-05-55	71	59	6	344DLWR	24	LMSN
DL-46	402306	830044	WALDO	960	06-04-65	200	37	8	344DLWR	19	LMSN
DL-47	401154	825730	GALENA	860	10-20-64	110	27	5.63	340DVNN	17	SHLE
DL-48	400952	825703	GALENA	860	08-01-71	57	57	8	112OTSH	38	SDGL
DL-49	402122	830353	DELAWARE	945	06-18-59	145	75	10	340DVNN	55	LMSN
DL-50	402220	830716	DELAWARE	960	02-14-56	44	18	4	344CLMB	14	LMSN
DL-51	401900	830716	DELAWARE	940	06-29-55	62	32	5	344DLWR	27	LMSN
DL-52	401838	830708	DELAWARE	960	04-23-54	42	40	4	344DLWR	17	LMSN
DL-53	401814	830738	OSTRANDER	970	05-14-62	36	36	3	112OTSH	19	SDGL
DL-54	401550	831256	OSTRANDER	950	04-15-58	70	61	4.25	350SLRN	38	LMSN
DL-55	401345	830900	SHAWNEE HILLS	910	10-29-55	51	41	4.25	340DVNN	25	LMSN
DL-56	402400	825651	ASHLEY	970	06-06-65	34	34	5.00	112OTSH	14	SDGL
DL-57	401421	830156	POWELL	960	01-01-66	282	24	8.00	340DVNN	107	LMSN
				ERIE COUNTY							
E-200	411932	825019	BELLEVUE	700	10-01-54	91	30	5.63	340DVNN	66	LMSN
E-201	411722	823508	MILAN	670	07-08-64	154	141	10	112TILL	59.7	CLSD
E-202	412143	823221	MILAN	610	10-17-78	168	168	6	112OTSH	45	SDGL
E-203	412155	823110	MILAN	615	09-05-77	100	96	6	112OTSH	90	SDGL
E-204	412152	823052	MILAN	610	06-18-79	108	107	6	112OTSH	55	SDGL
E-205	412153	822923	BERLIN HEIGHTS	625	05-19-83	55	51	6	340DVNN	35	SHLE
E-206	411917	822102	KIPTON	805	07-22-82	40	39.3	5.5	112OTSH	28	SAND
E-207	411706	822142	KIPTON	870	06-21-82	72	26	6	330BERE	28	SNDS
E-208	412628	825037	CASTALIA	625	01-09-75	67	--	--	340DVNN	32	LMSN
E-209	412340	822555	VERMILION	605	12-16-77	60	46	6	340DVNN	48	SHLE
E-210	412736	824211	SANDUSKY	575	01-12-69	20	17	5.63	340DVNN	9	LMSN
E-211	413633	824101	KELLYS ISLAND	585	09-20-72	120	22	6	340DVNN	4	LMSN
E-212	411803	824249	KIMBAL	662	01-22-55	58	32	5.63	340DVNN	30	LMSN
E-213	412145	824342	KIMBAL	725	03-29-56	22	7	5.63	344DLWR	3	LMSN

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				FAYETTE COUNTY							
FA-100	392417	833154	MEMPHIS	1037	12-27-62	52	31	6.00	355LCKP	4	LMSN
FA-101	392820	832444	NEW MARTINSBURG	965	07-19-65	74	65.3	5	351BILD	35	LMSN
FA-102	393630	833431	MILLEDGEVILLE	1045	03-29-54	108	84	5.00	355LCKP	12	LMSN
FA-103	393112	833116	MILLEDGEVILLE	990	08-18-64	92	92	5	112OTSH	10	SDGL
FA-104	393815	833400	JEFFERSONVILLE	1050	06-06-84	95	89	6.63	355LCKP	21.6	LMSN
FA-105	394228	833653	JEFFERSONVILLE	1100	10-22-70	44	44	5.63	112OTSH	14	GRVL
FA-106	392846	832007	GOOD HOPE	905	06-18-57	87	87	6.00	112OTSH	21	GRVL
FA-107	393411	832259	WASHINGTON COURT	965	02-03-63	40	40	5	112OTSH	7	SDGL
FA-108	393842	832424	MIDWAY	990	04-11-64	58	58	5.00	112OTSH	5.25	SDGL
FA-109	394103	832538	MIDWAY	1005	01-27-65	58	54.9	5	351BILD	12	LMSN
FA-110	393416	831925	NEW HOLLAND	905	11-18-58	42	42	5.00	112OTSH	21	SDGL
FA-111	393611	831833	NEW HOLLAND	992	07-24-64	134	103	5	351BILD	8	LMSN
FA-112	393932	832146	MT STERLING	945	08-24-55	44	44	5.63	112OTSH	9	GRVL
FA-113	392805	832329	NEW MARTINSBURG	950	10-30-59	64.7	51.5	5.5	351BILD	27	LMSN
FA-114	392413	832730	NEW MARTINSBURG	980	09-10-62	50	27	5	351BILD	12	LMSN
FA-115	392621	832647	NEW MARTINSBURG	990	12-18-64	27.4	27.4	5.00	112OTSH	7	SDGL
FA-116	392921	832945	NEW MARTINSBURG	985	10-20-60	60	57.4	5	355LCKP	7	LMSN
FA-117	392911	833024	MEMPHIS	1000	01-14-61	79.5	79.5	5	112OTSH	12	GRVL
				FRANKLIN COUNTY							
FR-500	395458	825231	S.E. COLUMBUS	755	09-01-63	50	45	6.00	112OTSH	20	GRVL
FR-501	395704	831328	GALLOWAY	930	11-06-64	106	91	5.63	351BILD	69	LMSN
FR-502	400243	824830	NEW ALBANY	1005	04-24-73	75	30	6.00	330MSSP	8	LMSN
FR-503	400221	830218	N.W. COLUMBUS	775	08-01-54	70	70	4.25	112OTSH	35	GRVL
FR-504	400058	830248	N.W. COLUMBUS	825	07-29-68	210	117	8.63	340DVNN	100	LMSN
FR-505	400348	830647	N.W. COLUMBUS	835	10-13-79	100	40	4.00	340DVNN	16	LMSN
FR-506	400214	831234	HILLIARD	950	10-20-76	133	112	5.63	340DVNN	40	LMSN
FR-507	400159	831118	HILLIARD	945	06-20-58	126	126	4.25	112OTSH	18	SDGL
FR-508	400323	830909	HILLIARD	920	12-19-79	116	116	5.50	112OTSH	10	SDGL
FR-509	395704	831148	GALLOWAY	925	04-02-68	71.5	71.5	4.25	112OTSH	39	SDGL
FR-510	395821	824752	REYNOLDSBURG	930	08-24-66	114	59	5.50	330BERE	20	SNDS
FR-511	400259	825111	NEW ALBANY	950	03-20-68	123	123	4.23	112OTSH	20	GRVL
FR-512	400650	824930	NEW ALBANY	995	02-01-67	105	35	5.00	330BERE	20	SNDS
FR-513	395333	831344	GALLOWAY	895	06-21-77	69	69	5.13	112OTSH	53	SDGL
FR-514	400809	830742	SHAWNEE HILLS	890	05-09-73	101	88	5.50	340DVNN	35	LMSN
FR-515	400651	825057	NEW ALBANY	985	10-03-68	68	68	4.25	112OTSH	28	SDGL
FR-516	395338	831232	GALLOWAY	915	09-01-68	164	154	4.25	351BILD	90	LMSN

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				GREENE COUNTY							
GR-500	394914	835534	YELLOW SPRINGS	995	10-21-87	82	34	6.00	355NIGR	17	LMSN
GR-501	393652	835254	NEW BURLINGTON	970	11-22-71	149	137	5.63	360ODVC	12	LMSN
GR-502	394421	834438	JAMESTOWN	1075	06-02-55	50	36	5	355NIGR	3	LMSN
GR-503	393941	834456	JAMESTOWN	1055	10-13-55	60	50	5	112OTSH	10	GRVL
GR-504	394556	835259	YELLOW SPRINGS	995	10-25-65	50	20	5	355NIGR	20	LMSN
GR-505	394324	835122	CEDARVILLE	975	11-10-72	52	52	6.00	112OTSH	25	GRVL
GR-506	394143	834536	CEDARVILLE	1065	08-13-85	30	30	5.63	112OTSH	20	SDGL
GR-507	393632	834713	PORT WILLIAM	1045	10-01-54	43	43	5.00	112OTSH	8	SDGL
GR-508	393921	834542	CEDARVILLE	1050	06-22-73	47	47	6	112OTSH	12	SDGL
GR-509	393643	835518	NEW BURLINGTON	970	10-30-82	181	181	6	112OTSH	67	SDGL
				HANCOCK COUNTY							
HA-31	405430	833901	ARLINGTON	852	03-01-68	45	21	4.25	351TMCT	12	DLMT
HA-32	405403	833344	MT. BLANCHARD	837	04-29-57	65	25	4.25	351BILD	15	DLMT
HA-33	404957	833902	DUNKIRK	935	07-15-72	39	12	5.63	351BILD	6	DLMT
HA-34	410521	833316	ARCADIA	825	09-20-68	92	70	--	355LCKP	25	DLMT
HA-35	410443	833502	ARCADIA	827	10-19-67	102	80	5.63	355LCKP	40	DLMT
HA-36	410320	834912	MCCOMB	775	06-21-68	90	80	4.25	351RRVR	40	DLMT
HA-37	410654	834848	MCCOMB	750	01-09-58	177	70	8	351BILD	17	DLMT
HA-38	410326	832650	ALVADA	850	09-02-69	100	89	4.25	355LCKP	55	DLMT
HA-39	405153	833558	FOREST	895	08-15-53	44	40	4	112OTSH	15	GRVL
HA-40	410725	834324	FINDLAY	745	--	77	--	--	112OTSH	20	SAND
HA-41	405610	834935	RAWSON	825	10-15-74	56	--	--	351RRVR	27	DLMT
HA-42	405218	835034	ADA	875	09-29-70	53	31	4.25	351RRVR	27	DLMT
HA-43	410817	833855	NORTH BALTIMORE	735	03-20-61	70	51	4.25	355LCKP	35	DLMT
HA-44	410412	834117	FINDLAY	787	08-01-74	84	52	5.63	351BILD	40	DLMT
				HIGHLAND COUNTY							
HD-20	390835	832446	RAINSBORO	1000	10-12-57	71	21.9	6.00	340DVNN	41	LMSN
HD-21	391309	832530	PAINSBORO	950	04-01-66	80	24.1	6.00	355LCKP	6	LMSN
HD-22	391213	832659	RAINSBORO	930	05-09-63	104	104	5.50	112OTSH	25	SDGL
HD-23	391055	832836	RAINSBORO	890	10-17-52	72	72	6	112OTSH	32	SDGL
HD-24	391807	833522	LEESBURG	1150	07-01-56	75	66	5	351GFLD	18	LMSN
HD-25	392106	833333	LEESBURG	1010	10-05-53	68	32	5	355NIGR	30	LMSN
HD-26	391217	834646	LYNCHBURG	1035	09-17-52	75	48	5	355LCKP	15	LMSN
HD-27	390841	833419	HILLSBORO	1080	04-19-55	66	16	5	355LCKP	11	LMSN
HD-28	390846	833059	HILLSBORO	1060	05-24-60	100	42	6	350SLRN	40	LMSN
HD-29	391454	833259	HILLSBORO	1070	01-07-56	61	14	5	355LCKP	15	LMSN
HD-30	390332	833204	BELFAST	800	01-19-56	70	19	5	350SLRN	14	LMSN
HD-31	392002	832735	GREENFIELD	900	01-18-65	56	32	5	350SLRN	38	LMSN
HD-32	391740	834311	NEW VIENNA	1105	05-08-58	100	100	5	112OTSH	30	GRVL
HD-33	390411	834749	SARDINIA	985	07-26-56	65	10	5.63	350SLRN	11	LMSN

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				HARDIN COUNTY							
HN-100	403054	833400	MT. VICTORY	1055	09-11-52	62.8	62.8	4.25	112OTSH	1.5	GRVL
HN-101	403134	833602	MT. VICTORY	1070	11-08-57	91	50	4.25	351BILD	16	LMSN
HN-102	403353	833032	MT. VICTORY	987	07-25-62	55	41	4.25	351BILD	15	LMSN
HN-103	403455	833233	MT. VICTORY	1000	01-08-57	55	55	4.25	112OTSH	29	GRVL
HN-104	403719	833725	MT. VICTORY	987	04-28-54	155	37	10	351BILD	30.5	LMSN
HN-105	404208	835032	ALGER	975	10-01-68	67	67	4.25	112OTSH	12	GRVL
HN-106	404653	833133	FOREST	920	10-04-69	120	90	4.25	355LCKP	30	LMSN
HN-107	404149	834727	ALGER	980	08-12-72	150	59	10	351TMCT	21	LMSN
HN-108	403823	834709	ALGER	972	09-24-65	200	194	5.63	351TMCT	8	LMSN
HN-110	404813	833528	FOREST	935	07-08-59	85	40	4.25	351TMCT	20	LMSN
HN-111	403833	832927	MARSEILLES	970	03-14-58	66	66	4.25	112OTSH	30	GRVL
HN-112	404225	832947	MARSEILLES	925	12-23-64	62	54	4.25	355LCKP	12	LMSN
HN-113	403624	834209	SILVERCREEK	1090	07-19-73	173	96	4.25	351TMCT	64	LMSN
HN-114	403933	833837	FORAKER	1020	10-31-63	135	126	4.25	351TMCT	10	LMSN
HN-115	404147	834236	FORAKER	985	06-06-58	175	175	4.25	112OTSH	30	SDGL
HN-116	404100	834134	FORAKER	990	03-15-56	150	135	4.25	351TMCT	38	LMSN
HN-117	403834	833408	KENTON	995	06-15-61	80	80	4.25	112OTSH	50	GRVL
HN-118	403702	833154	SILVERCREEK	995	09-15-54	68	68	4.25	112OTSH	16	GRVL
HN-119	403626	834709	ROUNDHEAD	990	08-14-68	67	67	4.25	112OTSH	18	SDGL
HN-109	404628	833633	FOREST	910	05-01-69	42	34	5.63	112OTSH	19	SDGL
				HENRY COUNTY							
HY-19	411758	835629	MCCLURE	690	06-21-69	45	35	5.63	344DRVR	25	LMSN
HY-20	412116	835630	MCCLURE	680	09-19-67	48	43	5.63	344DLWR	21	LMSN
HY-21	411502	835842	MCCLURE	700	03-26-54	49	40	4	344DRVR	21	DLMT
HY-22	411748	841021	FLORIDA	700	05-13-74	53	51	4.25	340DVNN	20	LMSN
HY-23	411310	840959	NEW BAVARIA	725	05-15-59	75	74	4.25	344DLWR	40	LMSN
HY-24	411659	840231	MALINTA	692	03-25-60	49	49	6	344DLWR	15	LMSN
HY-25	412651	841528	RIDGEVILLE	737	03-23-65	155	--	--	341OHIO	58	SHLE
HY-26	411404	840427	HAMLER	712	06-09-63	60	--	--	344DLWR	37	LMSN
HY-27	412444	840036	NAPOLEAN EAST	667	12-06-60	70	67	5.63	340DVNN	35	LMSN
HY-28	412238	840006	NAPOLEAN EAST	650	10-15-55	65	57	4	344DLWR	2	LMSN
HY-29	412224	841131	FLORIDAY	692	09-24-73	79	55	6	340DVNN	18	LMSN
HY-30	412632	841319	NAPOLEAN WEST	720	10-11-58	100	88	4	112OTSH	26	SDGL
HY-31	412615	841022	NAPOLEAN WEST	702	01-15-60	85	85	6	112OTSH	30	SDGL
HY-32	412232	840458	NAPOLEAN EAST	682	10-01-55	57	55	4	112OTSH	24	SDGL
HY-33	411654	841120	FLORIDA	707	10-09-68	61	60	4.25	112OTSH	20	GRVL
HY-34	412211	840954	FLORIDA	685	03-21-66	49	49	6	112OTSH	25	GRVL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				HENRY COUNTY--Continued							
HY-34	412456	840107	NAPOLEAN EAST	670	11-02-53	4	32	4	112OTSH	4	SDGL
HY-35	411237	835718	DESHLER	715	02-08-57	55	55	5.63	112OTSH	22	SDGL
HY-36	411040	840753	NEW BAVARIA	740	06-08-62	74	74	5.63	112OTSH	42	SDGL
HY-37	412819	835445	COLTON	675	07-20-65	160	74.5	12	340DVNN	51	SNDS
HY-38	411441	840215	HAMLER	705	12-15-57	62	62	4.25	112OTSH	31	SDGL
				LOGAN COUNTY							
LO-20	403035	833423	MT VICTORY	1057	07-09-58	81	46	4.25	351BILD	4.0	LMSN
LO-21	402513	834925	HUNTSVILLE	1070	10-10-61	49	49	4.25	112OTSH	18	GRVL
LO-22	401613	834552	BELLEFONTAINE	1160	04-26-63	84	84	4.25	112OTSH	65	GRVL
LO-23	401919	835848	DEGRAFF	1045	09-15-52	92	92	4.00	112OTSH	40	GRVL
LO-24	402413	834153	RUSHSYLVANIA	1340	03-14-52	30	30	4.25	112OTSH	--	SAND
LO-25	402810	835107	HUNTSVILLE	1010	04-26-53	53	53	4.25	112OTSH	--	SDGL
LO-26	402209	834111	ZANESFIELD	1250	03-05-56	68	33	8.00	344DLWR	16	LMSN
LO-27	402609	834458	RUSHSYLVANIA	1270	08-18-54	116	38	4	344DLWR	67	LMSN
LO-28	402927	834352	RUSHSYLVANIA	1070	- -56	307	246	4.25	355NIGR	24	LMSN
LO-29	402942	833811	RUSHSYLVANIA	1130	07-01-55	51	--	--	351BILD	25	LMSN
LO-30	401657	835611	DEGRAFF	1050	08-01-61	29	29	4.25	112OTSH	12	GRVL
LO-31	401727	833504	EAST LIBERTY	1160	12-03-62	90	68	4.25	351BILD	26	LMSN
LO-32	401650	835531	DEGRAFF	1080	04-30-64	176	170	4.25	351BILD	56	LMSN
LO-33	402034	835612	DEGRAFF	985	09-24-54	148	140	4.25	350SLRN	--	LMSN
LO-34	401457	833730	KINGSCREEK	1320	08-16-63	105	105	4.25	112OTSH	69	GRVL
LO-35	401955	833459	EAST LIBERTY	1140	02-13-60	84	84	4.25	112OTSH	8	SDGL
LO-35	401955	833459	EAST LIBERTY	1140	02-13-60	84	84	4.25	112OTSH	8	SDGL
LO-36	402008	833447	EAST LIBERTY	1110	09-02-63	65	45	4.25	351RRVR	--	LMSN
LO-37	401806	834138	ZANESFIELD	1260	11-01-59	139	139	4.25	112OTSH	126	SDGL
LO-38	402503	835816	RUSSELS POINT	1015	06-18-62	96	96	4.25	112OTSH	12	GRVL
LO-39	402057	834857	BELLEFONTAINE	1090	01-10-63	54	54	4.25	112OTSH	15	SDGL
LO-40	402200	834438	ZANESFIELD	1255	09-04-61	52	52	4.25	112OTSH	8	SDGL
LO-41	402028	834037	ZANESFIELD	1180	03-24-56	64	--	--	112OTSH	22	SDGL
LO-42	402136	834425	ZANESFIELD	1385	05-05-62	214	95	10	340DVNN	140	LMSN
LO-43	402434	834802	HUNTSVILLE	1110	02-15-55	72.5	38.5	4.25	351BILD	22	LMSN
LO-44	402240	835553	RUSSELS POINT	1005	12-12-56	161	132	4.25	351BILD	29	LMSN
LO-45	402701	833442	WEST MANSFIELD	1082	08-20-60	64	64	4.25	112OTSH	3	GRVL
				LUCAS COUNTY							
LU-320	413836	835013	BERKEY	680	09-19-54	45	--	--	112OTSH	17	GRVL
LU-321	414203	835132	BERKEY	707	11-10-61	87	85	4.25	112OTSH	21	GRVL
LU-322	413424	834431	MAUMEE	645	10-27-54	65	--	--	112OTSH	30	GRVL
LU-323	414329	833938	SYLVANIA	675	11-09-81	74	--	--	112OTSH	32	GRVL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				LUCAS COUNTY--Continued							
LU-324	413802	834223	SYLVANIA	640	05-24-72	56	56	4.25	1120TSH	30	GRVL
LU-325	413908	832838	OREGON	595	06-16-52	64	64	4	1120TSH	37	GRVL
LU-326	413637	834935	WHITEHOUSE	672	06-30-81	60	60	6	1120TSH	25	GRVL
LU-327	413244	835042	WHTEHOUSE	660	10-12-72	58.5	54.5	7	1120TSH	43	SDGL
				MADISON COUNTY							
M-50	394455	831902	MT. STERLING	935	07-01-80	100	74	5.63	351BILD	40	LMSN
M-51	395241	832213	WEST JEFFERSON	980	07-06-59	159	158	4.25	351BILD	24	LMSN
M-52	400404	831733	PLAIN CITY	950	02-10-56	102	71.1	5	351BILD	4.5	LMSN
M-53	400525	831745	PLAIN CITY	955	04-15-83	97	72	6.25	351BILD	10	LMSN
M-54	395653	833024	VIENNA	1102	12-24-79	300	276	6.00	351BILD	90	LMSN
M-55	395208	831600	BIG PLAIN	962	08-01-82	119	75	6	351BILD	50	LMSN
M-56	394833	831816	BIG PLAIN	950	11-10-74	105	74	4.5	351BILD	40	LMSN
M-57	400229	832426	PLUMWOOD	990	02-18-83	80	69	5	351BILD	25	LMSN
M-58	400445	832713	PLUMWOOD	1010	01-09-71	127	102	4.25	351BILD	20	LMSN
M-59	394921	832923	WALNUT RUN	1100	05-17-71	125	123	4.25	351BILD	50	LMSN
M-60	395627	832058	WEST JEFFERSON	980	06-13-83	167	--	--	351BILD	26	LMSN
M-61	395919	832016	WEST JEFFERSON	977	03-31-73	156	145	4.25	351BILD	60	LMSN
M-62	400617	831700	PLAIN CITY	945	10-24-63	51	51	4.25	1120TSH	22	SDGL
M-63	400433	831649	PLAIN CITY	945	12-01-69	67	67	4.25	1120TSH	9	SDGL
M-64	394711	831505	BIG PLAIN	925	09-25-71	112	112	4.25	1120TSH	40	SDGL
M-65	395211	832052	BIG PLAIN	965	11-12-76	56	56	6	1120TSH	14	SDGL
M-66	395124	832542	WALNUT RUN	1022	02-18-72	42	42	6	1120TSH	12	SDGL
M-67	395834	831906	WEST JEFFERSON	970	10-03-83	75	75	5	1120TSH	38	SDGL
M-68	400541	832548	PLUMWOOD	1000	05-13-76	46	46	5	1120TSH	14	SDGL
M-69	395934	832325	LONDON	990	07-04-71	105	105	4.25	1120TSH	33	SDGL
M-70	395617	832316	LONDON	1005	08-27-60	190	184	6.00	1120TSH	29	SDGL
M-71	395652	832954	LONDON	1107	11-15-79	105	105	6.00	1120TSH	40	SDGL
M-72	395313	831501	WEST JEFFERSON	940	07-22-71	115	115	4.25	1120TSH	56	SDGL
M-73	394705	833251	FLORENCE	1090	05-08-83	127	127	6.63	1120TSH	9	SDGL
				MIAMI COUNTY							
MI-1050	400338	841542	PLEASANT HILL	937	06-26-79	68	40.1	5.63	355NIGR	2	LMSN
MI-1051	395648	840605	NEW CARLISLE	875	10-11-79	140	70	6	3600DVC	22	SHLE
MI-1052	395655	840353	NEW CARLISLE	870	06-23-71	52	52	5.63	1120TSH	30	GRVL
MI-1053	395948	842218	WEST MILTON	970	02-19-72	60	51	5.63	355NIGR	25	LMSN
MI-1054	395939	841615	WEST MILTON	925	07-22-74	122	122	5.5	1120TSH	30	SDGL
MI-1055	401144	841451	PIQUA EAST	905	03-08-65	104	104	4.25	1120TSH	28	GRVL
MI-1056	401139	841243	PIQUA EAST	955	01-17-80	111	80	5.63	355NIGR	51	LMSN
MI-1057	400817	841240	PIQUA EAST	965	09-17-71	198	180	8	1120TSH	67.6	SDGL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				MIAMI COUNTY--Continued							
MI-1058	400323	842451	GETTYSBURG	985	06-30-78	8	60	5.63	112OTSH	8	SDGL
MI-1059	400353	842305	GETTYSBURG	970	09-12-81	76	50	5.63	357BFLD	6	LMSN
MI-1060	400821	840353	FLETCHER	1115	03-25-72	141	135	5.63	355NIGR	17	LMSN
MI-1061	400840	842301	VERSAILLES	985	05-29-74	101	68	6	355NIGR	32	LMSN
MI-1062	401004	841545	PIQUA WEST	920	06-19-63	71	65	4.25	355NIGR	49	LMSN
MI-1063	400853	842057	PIQUA WEST	950	07-17-72	67.5	67.5	6	112OTSH	43	GRVL
MI-1064	400608	840701	CHRISTIANBURG	1080	08-02-75	31.5	--	--	112OTSH	14	GRVL
MI-1065	400608	840700	CHRISTIANBURG	1005	09-28-76	85	29	6	355NIGR	14	LMSN
MI-1066	400614	840658	TROY	990	03-22-77	85	85	6	112OTSH	4	GRVL
MI-1067	400154	840802	TROY	885	12-06-74	53	53	5.63	112OTSH	30	SDGL
MI-1068	400241	841416	TROY	900	09-01-67	77	77	5.63	112OTSH	37	SDGL
MI-1069	400025	841817	PLEASANT HILL	935	04-16-76	124	124	5.63	112OTSH	90	SDGL
				MARION COUNTY							
MN-100	403358	831449	MARION WEST	917	05-01-61	62	44.5	8.00	351BILD	12	LMSN
MN-101	403419	831446	MARION WEST	915	09-05-62	44	44	4.25	112OTSH	15	GRVL
MN-102	403159	831239	MARION WEST	885	03-04-58	62	60.9	5.00	351BILD	12	LMSN
MN-103	403519	830816	MARION WEST	950	02-20-61	135	20	8.00	340DVNN	20	LMSN
MN-104	403055	831917	NEW BLOOMINGTON	950	08-24-64	42	42	4.25	112OTSH	21	GRVL
MN-105	403058	831841	NEW BLOOMINGTON	962	08-28-64	38.5	38.5	4.25	112OTSH	21	GRVL
MN-106	403358	832329	LA RUE	945	06-03-54	57	45	4.00	351BILD	12	LMSN
MN-107	403727	832418	LA RUE	960	02-20-59	112	68	4.25	351BILD	35	LMSN
MN-108	403937	830650	MONNETT	977	08-29-63	56	20	4.25	340DVNN	14	LMSN
MN-109	403541	830424	MARION EAST	985	02-11-55	98	55	4.25	340DVNN	55	LMSN
MN-110	403208	830126	MARION EAST	985	12-03-63	34	31	4.25	112OTSH	15	SDGL
MN-111	403257	830503	MARION EAST	975	04-09-54	78	36	4.25	340DVNN	40	LMSN
MN-112	403208	830125	MARION EAST	965	03-30-65	128	33.1	4.5	344DLWR	67	LMSN
MN-113	402844	831127	PROSPECT	925	11-13-56	45	45	5.00	112OTSH	10	GRVL
MN-114	402704	831040	PROSPECT	925	05-28-52	123	34	8.00	340DVNN	6	LMSN
MN-115	403910	825447	CALEDONIA	1015	03-05-62	42	41	4.25	112OTSH	25	SDGL
MN-116	403212	825943	DENMARK	980	09-17-64	41	32	4.25	112OTSH	12	SDGL
MN-117	404103	831503	MEEKER	912	11-26-56	129	52	4.25	351BILD	15	LMSN
				MERCER COUNTY							
MR-50	404147	843611	MENDON	807	06-09-87	199	109	5	355LCKP	21	LMSN
MR-51	403554	843120	CELINA	850	06-04-56	98	59	4.25	351GFLD	28	LMSN
MR-52	403454	843636	CELINA	865	01-21-66	89	55	6	354CDVL	25	LMSN
MR-53	402758	843413	MONTEZUMA	900	07-03-70	242	106	8	350SLRN	35	LMSN
MR-54	402416	843454	MONTEZUMA	975	04-25-58	215	213	--	355LCKP	42	LMSN
MR-55	403034	843907	ERASTUS	885	06-11-60	47	30	4	355LCKP	22	LMSN

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				MERCER COUNTY--Continued							
MR-56	403543	844231	ERASTUS	865	08-20-82	91	53	5.00	355LCKP	28	LMSN
MR-57	403218	843739	ERASTUS	862	06-25-81	78	37	6.00	355LCKP	18	LMSN
MR-58	402648	844735	FORT RECOVERY	930	09-01-70	173	133	5	355LCKP	30	LMSN
MR-59	402157	844230	ROSSBURG	1035	06-14-65	104	82.5	6	355LCKP	52	LMSN
MR-60	402241	842805	NEW BREMEN	960	12-14-70	210	80	6.00	355LCKP	80	LMSN
MR-61	403008	844757	NEW CORYDON	895	04-05-78	182	155	6	355LCKP	32	LMSN
MR-62	404250	844552	WILLSHIRE	817	09-18-59	67	44	4.00	355LCKP	40	LMSN
MR-63	404039	844624	WILLSHIRE	820	08-11-59	97	97	4	112OTSH	10	SDGL
MR-64	402251	843529	MONTEZUMA	960	02-19-63	175	175	5	112OTSH	17	SDGL
MR-65	402611	843412	MONTEZUMA	930	12-03-75	168	168	5.5	100CNZC	17	SAND
MR-66	402812	843041	MONTEZUMA	905	03-27-85	103	103	6	112OTSH	25	GRVL
MR-67	404038	843852	ROCKFORD	810	05-09-87	188	188	6	112OTSH	7	SDGL
MR-68	403402	843233	CELINA	872	05-26-58	95	95	4	112OTSH	34	SDGL
MR-69	403734	843317	MENDON	830	08-15-59	229	229	4.25	112OTSH	19	SDGL
				MONTGOMERY COUNTY							
MT-1050	394443	841806	MIAMISBURG	1005	03-17-54	48	25	5.63	355NIGR	18	LMSN
MT-1051	393846	842202	MIAMISBURG	800	09-15-72	106	106	6.00	360ODVC	6	LMSN
MT-1052	395242	842539	LAURA	1032	10-23-62	50	28	5.63	355NIGR	8	LMSN
MT-1053	395459	841159	TIPP CITY	975	09-10-81	130	43.6	5.63	355NIGR	52	LMSN
MT-1054	394910	841832	TROTWOOD	900	06-13-61	33	32	5.63	355NIGR	14	LMSN
MT-1055	394818	841512	TROTWOOD	965	01-02-54	35	21.7	5.63	355NIGR	5	LMSN
MT-1056	394247	841030	SOUTH DAYTON	1000	03-21-83	90	60	6.00	360ODVC	42	LMSN
MT-1057	393627	841806	FRANKLIN	800	08-06-81	250	170	6	360ODVC	140	LMSN
MT-1058	395243	842054	WEST MILTON	1000	08-15-77	91	26	6	355NIGR	23	LMSN
MT-1059	393838	842019	MIAMISBURG	790	06-14-54	127	127	6	112OTSH	60	SDGL
MT-1060	394821	842156	TROTWOOD	955	09-26-59	147	147	6	112OTSH	85	SDGL
MT-1061	395433	841120	TIPP CITY	950	06-14-57	71	71	6	112OTSH	25	SDGL
MT-1062	394904	840852	NORTH DAYTON	610	03-15-71	83	83	5.63	112OTSH	65	GRVL
MT-1063	394827	841139	NORTH DAYTON	795	03-19-53	57	--	--	112OTSH	42	GRVL
MT-1064	394625	841005	NORTH DAYTON	750	08-05-77	175	175	12	112OTSH	21	GRVL
MT-1065	395414	842555	LAURA	1035	04-15-72	74	74	5.63	112OTSH	15	SDGL
MT-1066	394356	842346	FARMERSVILLE	910	06-07-77	112	--	--	112OTSH	55	GRVL
MT-1067	394414	842341	FARMERSVILLE	920	02-17-70	95	95	5.63	112OTSH	40	GRVL
MT-1068	394228	841334	SOUTH DAYTON	725	08-07-54	47	47	6	112OTSH	17	SDGL
MT-1069	394205	841211	SOUTH DAYTON	765	04-20-63	108	108	6	112OTSH	80	SDGL
MT-1070	394058	841526	SOUTH DAYTON	710	11-01-72	60	60	6	112OTSH	20	GRVL
MT-1071	394435	841941	MIAMISBURG	875	10-10-77	33	30	6	112OTSH	12	SDGL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				OTTAWA COUNTY							
0-22	413115	825134	GYPSUM	595	03-09-81	75	46	5.63	351BILD	16	LMSN
0-23	413445	825117	GYPSUM	625	11-19-79	105	--	--	351BILD	18	LMSN
0-24	413708	832223	GENOA	585	09-26-78	109	72	5.63	351GFLD	60	LMSN
0-25	412848	830224	WRIGHTMANS GROVE	587	06-01-72	85	82	6.25	351TMCT	12	LMSN
0-26	413505	830608	OAK HARBOR	580	04-02-63	88	53	5.63	351TMCT	8	LMSN
0-27	414053	824814	PUT-IN-BAY	580	09-15-70	33	21	5.63	351RRVR	14	DLMT
0-28	412952	830852	LINDSEY	562	11-30-72	58	47	6.00	351GFLD	6	LMSN
0-29	412932	831437	LINDSEY	602	10-01-80	75	35	6.00	351GFLD	9	LMSN
0-30	413231	824406	KELLEYS ISLAND	615	05-22-57	58	32.6	5.68	344CLMB	10	LMSN
0-31	413332	832327	WALBRIDGE	617	03-20-80	102	50	5.63	350SLRN	30	LMSN
0-32	413159	824809	GYPSUM	582	07-14-60	92	92	5.63	110QRNR	5	GRVL
0-33	413359	830844	OAK HARBOR	582	11-30-62	51	51	5.63	110QRNR	6	SDGL
				PAULDING COUNTY							
P-20	411502	843341	SHERWOOD	715	08-16-67	44.5	44.5	4.25	112OTSH	34	SDGL
P-21	410505	843504	LATTY	730	10-16-65	61	33	4.25	340DVNN	11	SHLE
P-22	411348	844038	ANTWERP	725	06-21-85	65	61.5	5	340DVNN	30	LMSN
P-23	411417	844344	ANTWERP	720	02-25-69	60	60	4.25	112OTSH	6.5	SDGL
P-24	411446	842940	JUNCTION	720	01-03-69	47	42	4.25	340DVNN	19	LMSN
P-25	411219	842649	JUNCTION	707	06-25-56	44	44	5.63	340DVNN	12	LMSN
P-26	411201	842714	JUNCTION	710	05-16-62	66	63	4.25	112OTSH	22	SAND
P-27	410954	842334	JUNCTION	715	08-09-53	75.5	48	4	340DVNN	21	LMSN
P-28	410924	843357	PAULDING	722	07-06-65	40.5	31	4.25	340DVNN	25.5	LMSN
P-29	410925	843407	PAULDING	722	06-07-63	44	44	4.25	112OTSH	20	GRVL
P-30	410113	843440	LATTY	735	07-21-58	43	26	4.25	350SLRN	8	LMSN
P-31	410527	843502	LATTY	732	07-16-63	32	32	4.25	112OTSH	12	GRVL
P-32	410752	842606	JUNCTION	707	05-31-51	37	37	4.25	112OTSH	25	SDGL
P-33	411418	843954	ANTWERP	720	03-14-69	62.5	62.5	4.25	112OTSH	16.5	SDGL
P-34	411415	844804	WOODBURN NORTH	740	12-20-67	94	86.5	4.25	340DVNN	--	LMSN
				PICKAWAY COUNTY							
PI-200	390321	830357	PIKETON	680	04-12-74	55	48	6.00	112OTSH	20	GRVL
PI-201	390002	830112	PIKETON	620	09-04-53	74	74	5.63	112OTSH	46	GRVL
PI-202	390413	830114	PIKETON	540	07-11-72	70	57	12.0	112OTSH	20	SDGL
PI-203	390435	830133	PIKETON	540	07-01-65	74.5	45.5	24.0	112OTSH	14	SDGL
PI-204	390838	830339	SUMMIT HILL	810	08-13-68	45	9	6.63	330MSSP	18	SNDS
PI-205	390138	824944	BEAVER	670	07-01-69	39	35	12	112OTSH	17	SAND
PI-206	391110	831849	BAINBRIDGE	960	05-21-71	224	224	5.50	351BILD	60	LMSN
PI-207	390219	825201	BEAVER	680	01-03-70	55	51	5.63	112OTSH	34	SAND
PI-208	390255	825434	WAVERLY SOUTH	660	09-04-53	40	36	5.63	330MSSP	8	SHLE
PI-210	390540	831235	LATHAM	610	09-02-66	40	40	6.00	112OTSH	20	GRVL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				PICKAWAY COUNTY--Continued							
PI-211	390933	831125	MORGANTOWN	780	09-20-69	279	38	5.50	351BILD	179	LMSN
PI-212	385814	830343	WAKEFIELD	740	06-02-84	50	33	6.00	330MSSP	20	SHLE
PI-213	395729	825135	STOCKDALE	740	08-01-84	72	50	5.63	330MSSP	50	SNDS
PI-214	390925	825610	WAVERLY NORTH	650	06-06-69	38	38	5.63	112OTSH	20	SAND
				PIKE COUNTY							
PK-200	393347	825232	CLARKSVILLE	840	07-24-59	63	--	--	112OTSH	35	SDGL
PK-201	393709	831509	NEW HOLLAND	830	02-10-70	210	125	6.63	351BILD	18	LMSN
PK-202	394618	825534	LOCKBOURNE	720	12-23-62	110	105	6.00	112OTSH	30	SDGL
PK-203	394349	824951	EAST RIGGOLD	890	10-09-72	149	149	4.50	112OTSH	60	SDGL
PK-204	394130	825117	EAST RIGGOLD	895	06-22-74	50	13	4.25	330MSSP	8	SHLE
PK-205	394011	831003	FIVE POINTS	840	07-31-64	98	79	4.25	340DVNN	20	LMSN
PK-206	394133	831351	FIVE POINTS	890	08-15-70	130	130	4.25	112OTSH	50	SDGL
PK-207	392910	824851	HALLSVILLE	795	09-01-64	60	60	8.00	112OTSH	20	GRVL
PK-208	394134	830207	DARBYVILLE	730	06-28-73	69	69	4.33	112OTSH	18	SDGL
PK-209	394236	830006	DARBYVILLE	680	01-02-50	28	22.7	6.00	112OTSH	11	GRVL
PK-210	394037	830424	DARBYVILLE	760	09-15-76	179	146	4.25	340DVNN	80	LMSN
PK-211	394633	831033	HARRISBURG	860	11-10-72	127	127	4.25	112OTSH	32	SDGL
PK-212	394818	831043	HARRISBURG	860	01-31-67	170	146	4.25	340DVNN	86	LMSN
PK-213	393524	830557	WILLIAMSPORT	762	05-18-55	202	--	--	340DVNN	41	LMSN
PK-214	393507	830432	WILLIAMSPORT	730	06-03-68	35	35	5.00	112OTSH	9	SDGL
PK-215	393454	825644	CIRCLEVILLE	695	01-19-73	80	80	5.50	112OTSH	20	GRVL
PK-216	393921	830717	DARBYVILLE	785	09-23-63	84	84	5.63	112OTSH	45	SDGL
PK-217	393338	825105	STOUTSVILLE	855	03-10-59	94	42.8	8.00	330MSSP	19	SHLE
PK-218	393337	831130	CLARKSBURG	845	02-15-73	187	187	4.50	112OTSH	50	SDGL
				PREBLE COUNTY							
PR-20	394706	844207	EATON NORTH	1160	09-25-73	76.5	76.5	6.00	112OTSH	15	SDGL
PR-21	393734	843732	EATON SOUTH	950	04-28-81	84	84	6.00	112OTSH	30	CLSD
PR-22	394155	844219	EATON SOUTH	1130	06-20-77	117	117	6.00	112OTSH	50	SDGL
PR-23	394017	844109	EATON SOUTH	1025	07-15-69	95	95	6.00	112OTSH	59	GRVL
PR-24	394417	843328	WEST ALEXANDRIA	910	04-28-77	41	41	6.00	112OTSH	30	GRCL
PR-25	393538	844359	OXFORD	985	07-20-78	34	34	6.00	112OTSH	18	GRVL
PR-26	393628	844324	OXFORD	1130	07-28-78	34.8	27.3	6.00	360ODVC	8	LMSN
PR-27	395202	844813	NEW PARIS	1100	09-15-73	85.2	85.2	6.00	112OTSH	72	SDGL
PR-28	394437	844710	FAIRHAVEN	1115	06-14-77	129	129	6.00	112TILL	8	SDGL
PR-29	395427	844152	NEW MADISON	1150	08-10-65	42	42	6.00	112OTSH	11	SDGL
PR-30	395430	844220	NEW MADISON	1080	01-30-74	150	124	6.00	355LCKP	44	LMSN
PR-31	393921	843858	EATON SOUTH	970	11-03-71	100	54	6.00	360ODVC	41	LMSN
PR-32	394414	843358	WEST ALEXANDREA	945	06-08-76	100	82.1	6.00	360ODVC	54	LMSN

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				PREBLE COUNTY--Continued							
PR-34	394551	844638	NEW PARIS	1135	01-10-73	95	88.4	6.00	355LCKP	20	LMSN
PR-35	393710	844211	OXFORD	1170	08-08-75	38	29	6.00	360ODVC	14	LMSN
PR-36	395433	843904	NEW MADISON	1110	06-22-72	103	83	6	355LCKP	4	LMSN
PR-37	394005	844301	EATON SOUTH	1090	10-10-76	63	48	6.00	360ODVC	22	LMSN
				PUTNAM COUNTY							
PU-22	410553	840642	OTTAWA	735	05-09-80	60.5	57	5.63	351RRVR	30	DLMT
PU-23	410817	835840	DESHLER	642	01-25-68	260	72	5.63	351RRVR	48	DLMT
PU-24	410625	835847	LEIPSIC	752	01-03-64	78	78	5.63	112OTSH	56	SDGL
PU-25	405627	840653	COLUMBUS GROVE	740	05-16-79	27	27	6	112OTSH	4	SDGL
PU-26	410447	835627	LIEPSIC	765	11-08-68	100	87	5.63	351RRVR	60	DLMT
PU-27	405952	841740	OTTOVILLE	720	03-22-67	63	29	4.25	351RRVR	15	DLMT
PU-28	405232	841804	OTTOVILLE	755	05-05-60	59	21	4	351RRVR	18	DLMT
PU-29	405852	840659	COLUMBUS GROVE	740	05-19-79	60	57	6	351RRVR	30	DLMT
PU-30	405728	842250	WETSEL	732	08-19-77	39	39	5.63	112OTSH	6	GRVL
PU-32	410421	841559	CONTINENTAL	722	11-29-77	55	51	4.50	112OTSH	30	SAND
PU-33	405715	842109	OTTOVILLE	732	09-01-75	56	25	5.63	351RRVR	18	DLMT
PU-34	410242	841542	CONTINENTAL	725	06-22-74	49	47	4.25	351RRVR	20	DLMT
PU-35	410127	840416	OTTAWA	735	06-21-63	56	43	5.63	351RRVR	42	DLMT
PU-36	410558	840032	OTTAWA	772	04-05-63	54	53	5.63	112OTSH	32	SDGL
				ROSS COUNTY							
RO-22	392218	831837	SOUTH SALEM	960	03-01-74	255	20.75	5	340DVNN	50	LMSN
RO-23	392847	830958	FRANKFORT	790	04-23-74	148	106	5	340DVNN	35	LMSN
RO-24	392419	832046	GOODHOPE	970	09-15-67	76	73	6	112OTSH	1	SDGL
RO-25	391924	825718	CHILLICOTHE EAST	830	02-10-61	97	97	6	112OTSH	40	GRVL
RO-26	391608	825655	CHILLICOTHE EAST	740	02-24-69	80	15.5	6	340DVNN	20	SHLE
RO-27	392928	830701	ANDERSONVILLE	725	11-03-76	74	74	6	112OTSH	50	SDGL
RO-28	392022	830521	CHILLICOTHE WEST	710	12-14-64	158	155	6	112OTSH	50	SDGL
RO-29	392225	830356	CHILLICOTHE WEST	710	07-11-74	47	45.5	6	112OTSH	35	SDGL
RO-30	391604	830011	CHILLICOTHE WEST	740	10-06-73	42	40.5	6	112OTSH	10	SDGL
RO-31	391136	825842	WAVERLY NORTH	660	09-13-69	80	19	6	330MSSP	30	SHLE
RO-32	391108	825813	WAVERLY NORTH	640	07-12-53	20	15	6	112TILL	8	GRCL
RO-33	391942	825117	LONDONDERRY	680	09-17-55	45	35	6	330MSSP	22	SHLE
RO-34	392444	831027	FRANKFORT	745	11-21-74	63	63	6.63	112OTSH	12	SDGL
RO-35	391942	825117	LONDONDERRY	670	08-26-58	56	56	6	112OTSH	8	SDGL
RO-36	391528	831304	BOURNEVILLE	800	10-04-66	200	21	6.63	340DVNN	110	LMSN
RO-37	392437	830313	ANDERSONVILLE	980	07-29-65	48	32.5	6	330MSSP	13	LMSN
RO-38	391233	830437	SUMMITHILL	910	11-05-64	32	14	6	330MSSP	2	SDMN
RO-39	391842	831131	BOURNVILLE	840	05-09-63	42	6	6	340DVNN	15	LMSN

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location		Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
	Latitude	Longitude									
					SCIOTO COUNTY						
SC-100	385319	825752	LUCASVILLE	730	06-27-67	59	59	5.63	112OTSH	30	GRVL
SC-101	384351	830322	FRIENDSHIP	560	08-03-55	28	28	5.63	112OTSH	8	GRDS
SC-102	394214	830537	FRIENDSHIP	620	07-13-59	57	6	6	330MSSP	27	OTHR
SC-103	384154	830559	FRIENDSHIP	540	05-07-56	22.5	22.5	5.63	112OTSH	4	GRVL
SC-104	384955	824547	MINFORD	620	04-17-57	60	10	6	320PSLV	39	SNDS
SC-105	384610	825223	MINFORD	540	08-07-66	60	14.5	6.0	330MSSP	35	OTHR
SC-106	384612	825218	MINFORD	560	05-21-56	79	79	5.63	112OTSH	59	SDGL
SC-107	385059	825516	NEW BOSTEN	720	11-01-58	40	9	6	330MSSP	20	OTHR
SC-108	384028	824925	WHEELERSBURG	600	10-04-71	43	11	5.63	320PSLV	15	SNDS
SC-109	384950	825258	NEW BOSTGON	710	03-12-62	46	3.75	5.63	330MSSP	4	OTHR
SC-110	384934	825546	NEW BOSTON	720	10-12-55	55	13.25	5.63	330MSSP	31	OTHR
SC-111	384930	825546	NEW BOSTON	730	04-18-59	37	12	5.63	330MSSP	11	SNDS
SC-112	384908	824343	SOUTH WEBSTER	720	07-06-65	125	30	8	320PSLV	25	SHLE
SC-113	384624	825212	MINFORD	540	08-29-56	75	75	5.63	112OTSH	3.5	SDGL
SC-114	385335	825825	LUCASVILLE	720	12-16-65	58	16.25	5.63	330MSSP	33	OTHR
SC-115	385654	825310	LUCASVILLE	800	05-24-57	40	5.25	5.63	330MSSP	18	OTHR
SC-116	385658	830126	LUCASVILLE	570	06-24-54	60	--	--	112OTSH	36	SDGL
SC-117	384612	825814	WEST PORTSMOUTH	530	10-03-56	37	14	6	330MSSP	12	OTHR
SC-118	385701	825143	STOCKDALE	790	03-21-58	53	50	5.63	112OTSH	32	SAND
					SENECA COUNTY						
SE-150	411347	825125	FLATROCK	805	02-06-58	209	21	8	340DVNN	120	LMSN
SE-151	410955	825022	FLATROCK	840	03-08-62	166	30	8.00	340DVNN	90	LMSN
SE-152	410249	832407	ALVADA	852	03-13-52	155	69.75	4.25	355LCKP	47	LMSN
SE-153	410301	832355	ALVADA	845	09-08-56	60	60	4.25	112OTSH	27	SDGL
SE-154	410600	825219	CENTERTOWN	930	08-01-61	37	37	4.25	112OTSH	15	SAND
SE-155	411003	830952	TIFFIN NORTH	685	12-05-57	125	40	4.25	355LCKP	40	LMSN
SE-156	411054	831227	TIFFIN NORTH	717	02-16-57	70	44	4.25	355LCKP	15	LMSN
SE-157	411442	830431	WATSON	695	05-29-78	94	94	4.25	112OTSH	4	GRVL
SE-158	411342	830054	WATSON	760	08-17-59	70	53	4.25	351RRVR	50	LMSN
SE-159	410503	830920	TIFFIN SOUTH	790	08-15-60	105	70	4.25	351GFLD	15	LMSN
SE-160	410506	830920	TIFFIN SOUTH	785	04-23-60	60	60	4.25	112OTSH	10	GRVL
SE-161	410256	825727	ATTICA	935	11-10-61	54	49	4.25	340DVNN	17	LMSN
SE-162	410153	830647	BLOOMVILLE	865	07-06-55	100	86	4.25	351TMCT	30	LMSN
					SHELBY COUNTY						
SH-30	401335	842343	VERSAILLES	975	06-19-56	97	96	4.25	355NIGR	16	LMSN
SH-31	401519	840825	SIDNEY	1050	09-08-60	146	146	4.00	112OTSH	50	SDGL
SH-32	402029	841004	SIDNEY	1000	07-01-54	51	47	4.00	112OTSH	16	SDGL
SH-33	401459	842234	VERSAILLES	985	11-10-52	235	235	4.25	112OTSH	65	GRVL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				SHELBY COUNTY--Continued							
SH-34	402223	841616	FT. LORAMIE	1000	10-19-61	118	103	4.00	355NIGR	32	LMSN
SH-35	402215	842127	FT. LORAMIE	950	07-07-52	164	161	4.25	355NIGR	22	LMSN
SH-36	402023	840243	PORT JEFFERSON	970	10-30-63	136	136	4.25	355NIGR	--	LMSN
SH-37	401835	840316	PORT JEFFERSON	975	08-15-53	125	125	4.00	112OTSH	25	SDGL
SH-38	401823	840654	PORT JEFFERSON	1010	10-26-64	208	170	4.25	355NIGR	77	LMSN
SH-40	401303	841207	PIQUA EAST	985	06-12-63	104	62	4.25	355NIGR	62	LMSN
SH-41	402001	840903	SIDNEY	1055	04-29-64	110	109	5.63	355NIGR	80	LMSN
SH-42	401611	841301	SIDNEY	990	08-18-55	61	61	4.25	112OTSH	28	GRVL
SH-43	401556	841305	SIDNEY	995	09-02-62	105	83	4.25	355NIGR	33	LMSN
SH-44	402110	841419	SIDNEY	1010	08-23-55	69	69	4.25	112OTSH	40	GRVL
SH-45	401158	840517	FLETCHER	1075	09-13-54	97	97	4.25	112OTSH	72	GRVL
SH-46	401159	840337	FLETCHER	1105	12-18-56	135	--	--	355NIGR	35	LMSN
SH-47	402804	841435	BOTKINS	955	12-03-55	65	60	6.00	112OTSH	14	SDGL
SH-48	402826	841933	NEW KNOXVILLE	922	11-10-65	100	60	8.00	355NIGR	18	LMSN
SH-49	402156	842452	OSGOOD	957	06-16-55	130	118	5.63	355NIGR	19	LMSN
				UNION COUNTY							
U-77	401738	832643	PEORIA	1055	12-30-65	111	104	4.25	351TMCT	67	LMSN
U-78	401404	832044	MARYSVILLE	995	11-26-62	138	126	4.25	351TMCT	35	LMSN
U-79	401539	832740	PEORIA	1095	08-18-64	138	114	4.25	351BILD	77	LMSN
U-80	402651	831751	RICHWOOD	952	02-20-64	57	42	4.25	351BILD	15	LMSN
U-81	400941	832333	MILFORD CENTER	985	04-08-61	120	91.33	8	351RRVR	8	LMSN
U-82	402852	832404	YORK CENTER	992	05-03-71	89	57	4.25	351TMCT	23	LMSN
U-83	401657	831634	MAGNETIC SPRINGS	960	05-23-55	70	65	4	351RRVR	36	LMSN
U-84	401246	831441	SHAWNEE HILLS	970	10-24-58	56	53	4.25	340DVNN	19	LMSN
U-85	400857	831439	SHAWNEE HILLS	980	11-13-53	126	113	4.25	340DVNN	44	LMSN
U-86	402741	831614	RICHWOOD	945	11-13-56	30	30	4.25	112OTSH	12	GRVL
U-87	401518	832700	PEORIA	1080	05-04-57	115	115	4.25	112OTSH	65	SDGL
U-88	402856	832332	YORK CENTER	985	06-18-64	34	34	4.25	112OTSH	12	GRVL
U-89	401852	832649	PEORIA	1045	06-20-54	27	27	5.63	112OTSH	10	GRVL
U-90	400940	831603	MARYSVILLE	995	04-10-59	124	124	4.25	112OTSH	50	SDGL
U-91	401308	831815	MARYSVILLE	975	08-19-57	55	55	4.25	112OTSH	15	SDGL
U-92	400644	831231	PLAIN CITY	955	08-01-69	66	66	4.25	112OTSH	40	SDGL
U-93	401214	832236	MILFORD CENTER	1025	12-07-63	147	147	4.25	112OTSH	50	SDGL
U-94	401245	831450	SHAWNEE	960	07-31-57	35	35	4.25	112OTSH	4	SDGL

Table 1.--Records of selected wells in western Ohio--Continued

USGS well number	Location Latitude	Location Longitude	Quadrangle name	Elevation of land surface	Date constructed	Depth of well	Bottom of casing	Diameter of casing	Aquifer code	Water level	Lithology
				VAN WERT COUNTY							
VW-21	405915	844656	DIXON	777	07-05-66	74	47	5.63	351RRVR	12	DLMT
VW-22	405236	843607	SCOTT	772	05-28-58	155	40	4.25	351BILD	14	DLMT
VW-23	404845	843849	GLENMORE	807	09-06-64	122	80	4.25	351TMCT	31	DLMT
VW-24	405227	842726	MIDDLEPOINT	775	02-03-65	81	27	5.63	351TMCT	25	DLMT
VW-25	404805	844139	GLENMORE	812	10-29-62	130	62	4.25	351BILD	21	DLMT
VW-26	405906	843047	SCOTT	732	10-07-65	40	20	4.25	351RRVR	8	DLMT
VW-27	404749	842602	MIDDLEPOINT	792	12-23-58	100	52	4.25	351BILD	24	DLMT
VW-28	405054	842153	DELPHOS	762	07-21-57	80	13.5	4.25	351BILD	18	DLMT
VW-29	404712	842724	MIDDLEPOINT	805	05-10-55	105	63	4.25	351BILD	16	DLMT
VW-30	404803	844625	WREN	815	10-17-52	76	--	--	110QRNR	30	SNCL
VW-31	404435	822447	ELGIN	817	06-11-54	44	10	4.25	1120TSH	16	GRVL
VW-32	404924	844032	GLENMORE	807	05-16-64	130	128	4.25	1120TSH	25	GRVL
VW-33	404526	843806	GLENMORE	825	07-09-53	101	101	5	1120TSH	30	GRVL
				WYANDOT COUNTY							
WY-26	405354	831924	MCCUTCHENVILLE	810	05-15-79	44	42	5	1120TSH	20	SDGL
WY-27	405102	832616	WHARTON	875	12-18-80	65	65	5.63	1120TSH	24	SDGL
WY-28	404721	832750	WHARTON	920	12-04-56	90	90	4.25	112TILL	55	GRCL
WY-29	405843	831517	MCCUTCHENVILLE	770	06-13-62	50	48	4.25	1120TSH	23	GRVL
WY-30	404809	830750	NEVADA	930	12-24-75	52	52	5	1120TSH	35	GRVL
WY-31	405050	831303	NEVADA	860	08-20-71	124	124	4.25	1120TSH	39	GRVL
WY-32	403043	830839	NEVADA	915	07-25-68	84	84	4.25	1120TSH	40	SDGL
WY-33	404419	831255	MORRAL	870	04-12-73	33	32	4.25	1120TSH	18	SDGL
WY-34	405346	830647	LYKENS	940	09-21-77	72	67	4.25	344DRVR	38	DLMT
WY-35	405347	832621	CAREY	862	02-04-60	68	44.58	4.25	351GFLD	17	DLMT
WY-36	405838	831848	MCCUTCHENVILLE	815	04-26-78	61	25.5	5.63	351BILD	6	DLMT
WY-37	405907	831557	MCCUTCHENVILLE	870	07-25-60	59	48	4.25	351TMCT	--	DLMT
WY-38	405355	831342	SYCAMORE	820	02-16-79	60	59	5	351RRVR	30	DLMT
WY-39	404830	830646	OCEOLA	955	08-08-72	100	52	4.50	344DRVR	36	DLMT
WY-40	404839	832511	WHARTON	875	08-13-54	57.5	55	4.25	351BILD	14	DLMT
WY-41	405233	831841	MCCUTCHENSVILLE	835	08-15-63	53	37	4.25	351BILD	20	DLMT
WY-42	404724	831224	NEVADA	915	12-26-64	107	85	4.25	351TMCT	52	DLMT

Table 2.--Aquifer codes for Ohio

Aquifer code	Geologic Equivalent
100CNZC	-- CENOZOIC ERATHEM
110QRNR	-- QUATERNARY SYSTEM
112LAKE	-- LAKE DEPOSITS
1120TSH	-- OUTWASH
112TILL	-- TILL
320PSLV	-- PENNSYLVANIAN SYSTEM
330BERE	-- BEREA SANDSTONE
330MSSP	-- MISSISSIPPIAN SYSTEM
340DVNN	-- DEVONIAN SYSTEM
341DVNNU	-- DEVONIAN, UPPER
3410HIO	-- OHIO SHALE
344CLMB	-- COLUMBUS LIMESTONE
344DLWR	-- DELAWARE LIMESTONE
344DRVR	-- DETROIT RIVER GROUP
350SLRN	-- SILURIAN SYSTEM
351BILD	-- BASS ISLANDS DOLOMITE
351GFLD	-- GREENFIELD DOLOMITE
351RRVR	-- RAISIN RIVER DOLOMITE
351TMCT	-- TYMOCHTEE FORMATION
354CDVL	-- CEDARVILLE DOLOMITE
354SPGF	-- SPRINGFIELD LIMESTONE
355LCKP	-- LOCKPORT DOLOMITE
355NIGR	-- NIAGARA DOLOMITE
357BFLD	-- BRASSFIELD LIMESTONE
3600DVC	-- ORDOVICIAN SYSTEM
361EDEN	-- EDEN GROUP
361MSVL	-- MAYSVILLE GROUP
361RCMD	-- RICHMOND GROUP