

Table 7.--Records of springs, Montgomery County, Indiana

Spring	Owner	Popular Name	Altitude (feet)	Water-bearing material	Geologic Age	Flow (gpm)	Date of measurement	Use	Temperature (°F)	Field chemical analyses					Remarks
										Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (Calcium, Magnesium)	
17/4W-31J1	Indiana State Highway Department	Parkersburg Spring	855	Ls	M	m11	6-9-61	P	53	<.1	361	53	18	348	
17/6W-2G1	-----do-----	-----	740	Cg1	P1	m6	5-2-61	P	51	<.1	395	22	8	340	At contact with Mississippian siltstone
3R1	-----	-----	650	S1s	M	e2	10-7-58	N	54	.1	371	--	8	280	
18/4W-19A1	O. L. Jeffries	-----	785	---	P1	---	3-15-50	S	--	---	---	---	---	---	
18/5W-3P1	Montgomery County	-----	680	T,	P1	m2	6-13-61	N	52	<.1	361	52	20	368	Do
10P1	Boy Scouts of America	-----	660	S,G	P1	e20	10-1-58	P	54	<.1	376	--	6	308	Do
16H1	Montgomery County	-----	690	S,G	P1	e25	6-12-61	N	56	<.1	312	29	6	260	At contact with till
31M1	Cold Springs Camp	-----	690	S1s	M	e50	10-6-58	N	54	.1	312	--	6	244	
19/3W-31G1	S. Smith	-----	785	S,G	P1	e20	9-12-61	N	61	<.1	361	38	20	356	Do

Spring number: See text for well-numbering system.
 Altitude: Altitude of land-surface datum from topographic map.
 Water-bearing material: Cgl, conglomerate; G, gravel; Ls, limestone; S, sand; S1s, siltstone; T, till.
 Geologic Age: Pl, Pleistocene; M, Mississippian.
 Flow: e, estimated; m, measured.
 Use: N, none; P, public supply; S, stock.
 Field chemical analyses: In parts per million; water samples collected on date of measurement.

Table 8.--Field chemical analyses of water from streams, Montgomery County, Ind.
(Results in parts per million)

Name	Location	Date of Collection	Temperature (°F)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (Calcium, magnesium)	Remarks
T. 17 N., R. 3 W.									
Little Raccoon Creek	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17	9-12-61	75	0.3	312	45	14	284	Sample taken at ford on county road
Haw Creek	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 31	9-12-61	78	.3	322	41	12	260	Sample taken at bridge on county road
T. 17 N., R. 4 W.									
Big Raccoon Creek	SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23	9-12-61	74	.3	361	50	14	316	Do
Cornstalk Creek	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27	9-12-61	78	.2	273	35	12	236	Do
T. 17 N., R. 5 W.									
Indian Creek	SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7	9-12-61	81	<.1	215	28	6	176	Do
T. 17 N., R. 6 W.									
Sugar Creek	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 2	9-12-61	83	.2	298	67	20	276	Sample taken at bridge on state highway
T. 18 N., R. 3 W.									
Big Raccoon Creek	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35	9-12-61	78	.2	317	47	12	288	Sample taken at bridge on county road
T. 18 N., R. 4 W.									
Walnut Fork	SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12	9-12-61	82	.1	273	47	14	240	Sample taken at bridge on federal highway
T. 18 N., R. 5 W.									
Sugar Creek	SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3	9-12-61	84	.3	342	86	24	324	Sample taken at bridge on state highway
Offield Creek	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15	9-12-61	81	<.1	293	37	10	244	Sample taken at bridge on county road
Rattlesnake Creek	NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26	9-12-61	86	.1	327	38	10	300	Do
T. 19 N., R. 4 W.									
Lye Creek	SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 1	9-12-61	78	.1	346	46	12	300	Do
Sugar Creek	NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 15	9-12-61	80	.2	322	54	16	300	Do
Walnut Fork	NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28	9-12-61	80	.3	332	48	10	296	Sample taken at bridge on state highway

Table 8.--Field chemical analyses of water from streams, Montgomery County--Cont.

Name	Location	Date of Collection	Temperature (°F)	Iron (Fe)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as CaCO ₃ (Calcium, Magnesium)	Remarks
T. 19 N., R. 4 W.--Cont.									
Little Sugar Creek	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36	9-12-61	79	.1	327	62	14	296	Sample taken at bridge on county road
T. 19 N., R. 5 W.									
Black Creek	NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.35	9-12-61	78	.1	337	85	10	328	Do
T. 19 N., R. 6 W.									
East Fork Coal Creek	NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.14	9-12-61	78	.3	386	67	14	352	Sample taken at bridge on state highway
T. 20 N., R. 3 W.									
Bower Creek	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 8	9-12-61	84	.2	244	34	8	260	Sample taken on bridge on county road
Little Potato Creek	SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.21	9-12-61	84	.2	351	34	8	292	Do
T. 20 N., R. 4 W.									
Armentrout Dredge Ditch	SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.25	9-12-61	78	.3	371	72	8	344	Do
T. 20 N., R. 6 W.									
North Fork Coal Creek	SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3	9-12-61	85	.3	283	79	10	280	Sample taken at bridge on state highway

Table 9.--Water levels in observation wells in Montgomery County, Indiana
(In feet below land-surface datum. Water level:
e, estimated; h, tape measurement)

Montgomery 1. (17/6W-36C3). Byron Banta. Waveland. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 17 N., R. 6 W. Dug unused water-table well in glacial drift, diameter 36 inches, depth 18 feet. On August 25, 1955 an 8-inch steel casing was set in this well to a depth of 18 feet and the well backfilled with crushed rock. Land-surface datum is 765.4 feet above msl. Recording gage installed Sept. 1, 1944. Highest water level is 2.78 below lsd, Jan. 4, 1950; lowest, 15.45 below lsd, Nov. 16, 1940. Records available 1935 to 1960.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1935		Mar. 1	7.34	Oct. 17	12.69	Mar. 16	11.28
		15	8.15	Nov. 2	13.06	Apr. 3	10.61
Oct. 15	13.23	Apr. 1	7.91	15	13.11	17	7.86
Nov. 1	13.37	15	6.29	Dec. 1	12.88	30	7.94
15	11.63	May 1	6.20	15	11.36	May 17	8.41
Dec. 2	12.35	18	8.04			June 1	5.73
16	12.04	June 3	9.47	1939		14	8.22
		15	9.05			July 2	10.85
1936		July 2	9.02	Jan. 3	11.71	24	12.30
		16	8.40	16	9.53	Aug. 2	12.81
Jan. 4	12.14	Aug. 2	8.70	31	7.16	21	13.90
Feb. 6	11.73	20	11.50	Feb. 16	7.24	28	14.13
19	10.72	Sept. 1	11.87	Mar. 2	6.12	Sept. 16	14.87
Mar. 2	7.65	Oct. 2	12.81	15	5.41	25	14.52
17	8.32	18	11.90	Apr. 1	8.25	Oct. 15	13.97
Apr. 1	7.80	Nov. 5	11.30	15	8.12	29	14.12
16	8.74	18	11.10	May 2	7.43	Nov. 16	15.45
May 1	6.30	Dec. 1	10.90	18	9.34	26	14.25
15	8.20	16	8.44	31	10.38	Dec. 13	14.58
June 1	9.85			June 15	10.28	30	13.10
15	11.10	1938		July 5	10.14		
July 1	11.92			18	11.10	1941	
15	12.40	Jan. 3	8.45	31	11.78	Jan. 15	12.93
Aug. 6	13.34	22	10.03	Aug. 17	11.85	31	12.45
17	13.89	Feb. 5	8.48	Sept. 2	12.05	Feb. 14	11.75
Sept. 1	14.58	16	8.60	22	13.21	28	11.70
15	14.17	Mar. 2	6.96	30	13.56	Mar. 13	12.02
Oct. 3	12.76	14	5.97	Oct. 16	14.23	31	11.47
15	10.84	Apr. 4	5.92	Nov. 2	14.62	Apr. 15	8.63
Nov. 3	7.98	16	6.33	19	14.75	28	9.97
17	10.66	29	8.45	Dec. 2	14.65	May 14	9.86
Dec. 1	9.56	May 16	10.08	21	14.90	June 15	8.63
16	11.06	28	8.89			29	8.46
31	7.87	June 15	9.01	1940		Oct. 3	14.24
		29	8.18			16	13.30
1937		Aug. 6	10.74	Jan. 2	15.16	Nov. 4	11.58
		17	10.78	15	14.83	24	8.05
Jan. 15	4.78	31	10.24	Feb. 5	14.66	Dec. 9	9.75
Feb. 1	5.81	Sept. 17	11.27	20	14.16	18	10.30
16	6.95	30	11.90	Mar. 1	13.41		

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1942		Oct. 31	14.19	July 28	10.81	Feb. 15	12.67
		Dec. 1	10.50	30	11.46	28	8.50
Jan. 14	9.90	15	12.30	Aug. 16	11.47	Mar. 15	8.16
Feb. 13	6.87			1	12.83	30	8.42
Mar. 6	10.59	1943		15	13.50	Apr. 15	6.00
Apr. 20	7.62			30	13.49	May 1	7.30
May 22	6.65	Jan. 2	9.47	Nov. 19	12.10	21	8.42
June 24	7.59	15	6.90	30	12.50	31	7.07
July 22	9.24	Feb. 1	9.40	Dec. 15	12.60	June 15	8.84
31	9.91	Mar. 14	10.41	31	12.85	30	11.42
Aug. 15	11.55	Apr. 1	7.90	1944		July 15	12.04
Sept. 2	12.14	16	7.46			28	11.79
15	12.98	May 1	8.50	Jan. 15	12.66	Aug. 15	12.67
30	13.55	June 15	9.10	31	12.85	28	11.92
Oct. 15	14.01	July 1	11.42				

(Daily highest water level from recorder graph, 1944)

Sept. 2	11.58	Sept. 23	12.36	Nov. 7	12.64	Dec. 11	11.61
3	11.59	24	12.44	8	12.49	12	11.63
4	11.55	25	12.50	9	12.33	13	11.65
5	11.42	26	12.53	10	12.29	14	11.62
6	11.38	27	12.55	11	12.25	15	11.62
7	11.39	28	12.59	12	12.16	16	11.69
8	11.40	Oct. 23	12.62	13	12.06	17	11.71
9	11.38	24	12.59	14	11.95	18	11.77
10	11.38	25	12.61	29	11.73	19	11.81
11	11.43	26	12.70	30	11.73	20	11.76
12	11.47	27	12.82	Dec. 1	e11.83	21	11.82
13	11.50	28	12.85	2	e11.98	22	11.90
14	11.59	29	12.85	3	e12.04	23	11.90
15	11.70	30	12.89	4	e11.99	24	11.89
17	11.99	31	12.91	5	11.90	25	11.89
18	12.08	Nov. 1	12.92	6	e11.86	29	12.10
19	12.12	2	12.96	7	e11.81	30	12.08
20	12.15	3	13.00	8	e11.77	31	12.05
21	12.20	4	12.99	9	e11.72		
22	12.25	5	12.89	10	e11.67		

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1945)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.04	12.65	9.47	----	7.47	8.29	7.41	----	----	----	----	6.65
2	12.17	12.69	7.18	----	7.58	8.42	7.27	----	----	----	----	6.62
3	12.27	12.66	7.18	----	7.54	8.60	7.27	----	----	----	9.17	6.81
4	12.29	12.55	7.57	----	7.53	8.79	7.96	----	----	----	----	7.03
5	12.36	12.56	7.48	----	7.57	8.92	8.02	----	----	----	----	7.20
6	12.29	12.67	5.20	5.60	7.61	8.04	----	----	----	7.40	----	7.26
7	12.27	12.63	5.28	5.88	7.54	9.15	----	----	----	7.67	----	7.33
8	12.28	12.62	6.14	6.16	7.05	9.21	----	----	----	----	----	7.57
9	12.34	12.64	6.42	6.42	6.88	9.23	----	----	----	----	----	7.70
10	12.50	12.64	6.58	6.73	6.74	8.98	----	----	----	----	----	7.95
11	12.75	12.71	6.87	7.06	6.75	8.82	----	----	----	----	----	8.24
12	12.49	12.65	7.04	7.27	6.73	8.76	----	10.06	----	----	----	8.33
13	12.41	12.45	7.32	7.52	6.81	7.90	----	10.02	----	9.10	----	8.29
14	12.31	12.28	7.51	----	7.07	----	----	9.75	----	----	----	8.31
15	21.29	12.01	7.61	----	5.42	----	----	9.54	11.60	----	6.98	8.55
16	12.32	11.91	7.72	----	3.87	----	----	9.45	11.66	----	7.04	9.67
17	12.30	11.72	7.98	----	3.66	----	----	9.45	11.58	----	6.82	8.87
18	12.33	11.70	8.25	----	----	----	----	10.52	11.58	----	6.60	8.96
19	12.26	11.68	----	----	5.08	----	----	9.71	11.58	----	6.39	8.92
20	12.26	11.53	----	6.23	5.45	----	----	9.92	11.56	----	6.22	9.02
21	12.28	----	----	6.53	5.69	----	----	10.07	11.59	----	5.99	9.16
22	12.21	10.59	----	6.91	5.92	----	----	10.21	11.45	----	6.03	9.30
23	12.21	10.41	6.86	7.09	6.53	6.19	----	10.34	11.34	----	6.10	9.57
24	12.22	10.34	6.92	7.21	6.87	6.53	----	10.48	11.03	----	6.37	9.27
25	12.28	10.16	7.22	7.40	7.07	6.84	10.77	----	10.54	----	6.47	8.25
26	12.30	9.91	7.39	7.49	7.22	7.11	11.07	----	10.31	----	6.84	7.89
27	12.36	9.70	7.58	7.26	7.42	7.30	10.97	----	9.87	8.71	6.78	7.80
28	12.40	9.50	7.77	7.14	7.54	7.46	11.01	----	8.92	8.76	6.65	7.63
29	12.43	----	7.40	7.15	7.78	7.71	11.03	----	8.33	----	6.60	7.18
30	12.49	----	----	7.29	7.98	7.05	11.14	----	7.04	----	6.60	6.18
31	12.55	----	----	----	8.16	----	----	----	----	----	----	6.06

(Daily highest water level from recorder graph, 1946)

1	6.09	8.66	6.33	7.72	8.89	7.08	8.28	----	11.78	12.99	12.50	11.00
2	6.24	8.73	6.45	7.70	7.41	6.99	8.35	----	11.85	12.99	12.40	11.31
3	6.46	8.93	6.67	7.88	6.74	7.01	8.46	----	11.93	10.02	12.32	11.29
4	6.72	8.98	6.74	7.92	6.67	7.15	8.59	----	12.01	10.06	12.32	11.33
5	6.31	8.65	6.90	8.16	6.85	7.28	8.08	----	12.03	10.12	12.31	11.33
6	6.31	8.16	6.94	8.25	7.00	7.52	9.31	----	12.13	10.17	12.10	11.35
7	6.42	8.16	7.00	8.33	6.70	7.58	9.42	----	12.15	10.16	11.96	11.41
8	6.42	8.19	6.99	8.36	6.64	7.09	9.44	11.25	12.20	10.16	11.99	11.49
9	5.95	8.20	6.12	8.45	6.65	8.71	9.42	11.22	12.31	13.18	12.00	11.57
10	5.95	8.32	7.45	8.53	6.85	8.65	9.47	11.54	12.28	----	11.91	11.37

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1946)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	5.72	8.38	7.52	10.55	5.53	9.03	9.31	11.63	12.31	13.24	11.88	10.97
12	5.68	8.59	7.49	9.16	5.52	8.51	9.32	11.65	12.38	13.32	11.79	10.16
13	5.74	5.51	7.50	9.06	5.65	8.14	9.49	11.69	12.43	13.43	11.68	9.97
14	5.89	5.50	6.35	9.03	5.88	8.08	9.49	11.64	12.43	13.48	11.65	9.81
15	6.05	5.79	5.77	8.93	6.17	8.10	9.56	11.33	12.47	13.52	11.65	9.79
16	6.51	5.88	5.53	8.95	4.84	8.12	9.70	11.36	12.62	13.48	11.67	9.69
17	6.68	5.97	5.66	8.94	4.21	8.30	10.85	11.05	12.62	13.04	11.76	9.81
18	6.91	5.24	5.95	8.92	4.06	6.15	9.91	10.99	12.67	13.03	11.76	10.16
19	7.06	5.13	6.00	8.96	4.54	5.51	9.96	11.07	12.68	13.28	11.66	10.19
20	7.32	6.13	6.23	8.97	5.24	5.66	10.09	11.07	12.68	13.24	11.65	----
21	7.55	6.26	6.44	9.20	5.81	5.72	10.12	11.11	12.69	13.15	11.59	----
22	7.78	6.29	6.53	9.24	5.93	6.15	10.15	11.17	12.64	13.08	11.65	----
23	7.92	6.33	6.70	9.25	6.45	6.51	----	11.28	12.64	13.05	11.71	----
24	7.95	6.59	6.81	9.34	6.47	7.00	----	11.28	12.78	12.89	11.60	----
25	8.06	6.77	6.89	9.34	6.65	7.09	----	11.34	12.78	12.89	----	----
26	8.15	6.70	7.04	9.42	6.83	7.50	----	11.51	12.77	12.92	----	----
27	8.52	6.43	7.13	9.56	7.01	7.74	----	11.51	12.78	13.02	11.26	----
28	8.61	6.46	7.22	9.63	7.17	8.01	----	11.59	12.73	13.07	11.05	----
29	8.70	----	7.26	9.63	6.48	8.21	----	11.63	12.88	13.02	11.05	----
30	8.52	----	7.34	9.65	7.64	8.39	----	11.72	12.96	13.00	10.97	----
31	8.52	----	7.61	----	7.08	----	----	11.73	----	13.01	----	----

(Daily highest water level from recorder graph, 1947)

1	----	----	9.52	7.97	5.09	6.04	8.30	10.90	11.76	11.74	12.34	12.17
2	----	----	9.52	7.60	5.36	5.39	8.58	10.87	11.80	11.76	12.34	12.17
3	----	----	9.60	7.55	5.73	5.38	8.73	10.89	11.94	11.78	12.30	12.18
4	9.89	----	9.71	7.41	6.11	5.53	8.83	10.95	11.95	11.84	12.28	12.01
5	9.72	----	9.85	----	6.41	5.86	8.94	10.97	11.91	11.93	12.27	11.97
6	9.73	----	9.77	----	6.79	4.94	9.01	10.90	----	12.01	12.39	12.95
7	9.77	----	9.70	----	6.90	4.92	9.09	11.04	----	12.07	12.29	11.62
8	9.94	----	9.68	----	7.14	4.30	9.23	11.13	----	12.12	12.68	12.62
9	----	----	9.74	----	7.34	4.65	9.33	11.18	----	12.20	12.43	11.71
10	----	----	9.80	----	7.52	5.17	9.36	11.21	----	13.28	12.41	11.59
11	9.95	----	9.77	----	7.66	5.74	9.39	11.30	----	12.31	12.30	11.62
12	9.97	----	9.70	----	7.69	6.36	9.47	11.41	----	12.37	12.32	11.67
13	9.69	----	9.22	----	7.73	6.65	9.55	11.46	9.77	12.47	12.46	11.64
14	9.71	----	10.14	----	7.82	6.74	9.59	11.50	9.75	12.51	12.29	11.55
15	9.18	----	10.99	----	7.96	6.99	9.67	11.46	9.55	12.51	12.15	11.41
16	8.09	----	9.84	----	7.81	7.30	9.67	11.52	9.52	12.53	12.21	11.44
17	8.05	----	9.83	----	7.50	7.49	9.68	11.51	9.52	12.55	12.39	11.64
18	8.86	----	9.90	----	7.44	7.55	9.66	11.52	----	12.59	12.38	11.64
19	8.56	----	9.92	----	7.23	7.29	9.68	11.54	----	12.65	12.38	----
20	8.48	----	9.81	----	6.83	7.26	9.75	11.57	----	12.76	12.38	----

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1947)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	8.48	----	9.61	----	4.57	7.29	9.73	11.64	----	12.71	12.35	----
22	----	----	8.36	----	4.56	7.46	9.91	11.71	----	12.85	12.30	----
23	----	----	9.03	----	4.69	7.67	10.05	11.75	----	12.89	11.65	11.51
24	----	----	7.55	----	5.86	7.65	10.18	11.80	----	12.95	12.05	11.69
25	----	----	7.44	6.83	5.68	7.65	10.32	11.65	----	12.99	12.10	11.55
26	----	9.65	7.40	6.57	5.77	7.68	10.38	11.71	----	13.01	12.17	11.54
27	----	9.65	7.32	6.58	5.09	7.77	10.37	11.68	11.47	12.35	12.12	11.61
28	----	9.63	7.35	6.96	5.17	7.80	10.40	11.67	11.45	----	12.18	11.64
29	----	----	7.33	6.72	5.84	8.10	10.53	11.68	11.46	----	12.18	11.66
30	----	----	7.60	4.99	5.82	8.29	10.65	11.72	11.62	----	12.29	----
31	----	----	7.75	----	5.95	----	10.70	11.73	----	----	----	----

(Daily highest water level from recorder graph, 1948)

1	----	11.63	8.54	5.94	9.05	9.97	8.94	10.23	12.20	12.56	11.75	10.16
2	----	11.75	8.20	6.06	9.07	10.11	9.16	10.38	12.21	12.60	11.73	10.19
3	----	11.70	8.27	6.43	9.16	10.21	9.31	10.55	12.25	12.70	11.53	----
4	----	11.66	8.41	6.69	9.17	10.27	9.49	10.66	12.31	12.61	11.20	----
5	8.28	----	8.65	6.50	9.23	10.36	9.69	10.79	12.36	12.56	9.82	----
6	9.37	----	8.43	5.72	8.74	10.39	9.71	10.90	12.35	12.55	9.55	----
7	9.48	11.83	8.41	4.46	8.61	10.43	9.93	11.00	12.35	12.51	9.56	----
8	9.61	11.89	8.50	4.63	8.35	10.43	10.15	11.07	12.40	12.56	9.54	----
9	9.63	12.08	8.72	5.29	8.25	10.54	10.33	11.17	13.42	12.64	9.45	----
10	10.02	12.10	8.87	5.84	8.26	10.71	10.49	11.27	12.49	12.55	9.34	----
11	10.09	12.08	9.03	5.94	8.37	10.82	10.59	11.34	12.48	12.22	9.31	10.41
12	10.07	12.03	9.25	5.40	7.11	10.81	10.65	11.38	12.55	12.21	9.22	10.37
13	10.18	11.79	9.34	4.99	6.30	10.84	10.75	11.45	12.58	12.11	9.21	10.48
14	10.33	11.79	9.07	5.01	6.27	10.90	10.86	11.49	12.66	12.12	9.30	10.45
15	10.36	12.07	8.74	5.42	6.35	10.92	10.96	11.45	12.71	12.07	9.36	9.59
16	10.39	11.80	8.70	5.77	6.37	10.98	11.05	11.42	12.75	11.66	9.34	8.86
17	10.69	11.58	8.68	6.29	6.54	11.05	11.15	11.39	12.81	11.45	9.32	8.57
18	10.81	11.30	8.37	6.65	6.96	----	11.21	11.37	12.80	11.24	9.16	8.27
19	10.80	11.19	7.46	6.89	7.32	----	11.30	11.38	12.80	11.07	8.91	8.23
20	10.71	11.32	7.00	7.17	7.56	----	11.34	11.42	12.63	11.14	8.92	8.34
21	10.65	11.38	6.21	7.49	7.64	----	11.34	11.45	12.34	11.23	9.14	8.28
22	10.65	11.36	6.04	7.76	7.89	----	11.30	11.51	12.54	11.28	9.19	8.61
23	10.86	11.37	4.74	7.87	8.20	11.34	11.31	11.61	12.52	11.32	9.25	----
24	10.98	11.45	5.15	8.02	8.44	11.26	11.42	11.67	12.53	11.45	9.30	8.72
25	11.01	11.43	5.66	8.21	8.71	10.84	11.41	11.70	12.59	11.53	9.36	8.73
26	11.10	11.37	3.46	8.34	8.90	10.50	11.40	11.78	12.69	11.54	9.45	8.97
27	----	----	3.90	8.52	9.06	10.13	10.73	11.88	12.67	11.56	9.62	8.92
28	----	----	5.19	8.69	9.21	9.45	10.33	11.96	12.61	11.61	9.86	7.95
29	----	8.91	5.64	8.87	9.40	8.95	10.07	12.01	12.53	11.67	9.87	7.45
30	----	----	6.04	8.98	9.57	8.89	10.04	12.03	12.54	11.69	10.05	7.33
31	11.57	----	5.90	----	9.78	----	10.09	12.08	----	11.70	----	7.29

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1949)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7.31	6.25	7.54	6.55	8.77	10.13	11.04	10.96	12.25	12.92	11.04	10.82
2	7.40	6.68	7.59	6.75	8.82	10.14	11.09	10.95	12.41	12.92	11.03	10.91
3	7.61	6.83	----	6.80	9.03	10.29	11.11	11.00	12.42	12.42	11.15	11.05
4	4.80	6.84	----	6.99	9.12	10.41	11.13	11.09	12.42	12.54	11.25	11.04
5	4.77	7.21	7.69	7.06	9.19	10.47	11.17	11.17	12.42	12.20	11.34	11.11
6	5.39	7.39	7.79	7.09	9.24	10.53	11.19	11.23	12.49	11.32	11.48	11.00
7	5.85	7.47	8.17	7.37	9.29	10.57	11.11	11.26	12.53	11.68	11.46	11.01
8	6.10	7.66	8.17	7.54	9.36	10.73	11.11	11.30	12.54	11.68	11.47	11.13
9	6.36	7.76	8.14	7.81	9.37	10.84	10.93	11.37	12.59	11.70	11.52	11.29
10	6.40	7.98	8.14	7.99	9.44	10.85	10.95	11.44	12.61	11.65	11.54	11.19
11	5.92	8.21	8.34	8.06	9.62	10.72	10.93	11.53	12.63	9.82	11.54	10.59
12	5.84	8.22	8.34	8.08	9.68	10.67	10.90	11.56	12.63	9.74	11.10	10.02
13	5.88	8.26	8.34	8.07	9.73	10.60	10.92	11.56	12.62	9.85	10.65	9.50
14	6.00	6.90	8.31	8.20	9.80	10.49	10.99	11.58	12.66	9.86	9.91	9.25
15	6.33	5.81	8.32	8.24	9.90	10.40	11.06	11.60	12.65	9.99	9.67	9.18
16	6.43	5.76	8.29	8.53	9.95	10.33	11.17	11.64	12.65	10.11	9.61	9.18
17	6.39	5.93	8.28	8.39	10.02	10.31	11.23	11.63	12.66	10.25	9.65	9.19
18	3.41	6.09	8.28	8.42	10.08	10.34	11.26	11.63	12.66	10.44	9.76	9.17
19	4.14	6.21	8.51	8.66	10.07	10.43	11.33	11.67	12.54	10.58	9.74	9.15
20	5.38	6.43	8.51	----	10.09	10.46	11.40	11.78	12.56	10.66	9.75	9.04
21	5.58	6.82	8.44	----	9.94	10.49	11.46	11.86	12.56	10.63	10.03	7.76
22	5.75	6.80	8.28	----	9.84	10.51	11.50	11.90	12.50	10.61	10.25	6.83
23	6.19	6.99	8.52	8.72	9.94	10.61	11.56	11.93	12.51	10.69	10.22	6.85
24	6.09	----	8.62	8.73	9.90	10.64	11.55	12.01	12.66	10.70	10.17	6.95
25	6.11	----	8.62	8.85	9.87	10.68	11.56	12.08	12.70	10.70	10.23	7.10
26	5.78	7.12	7.50	8.82	9.85	10.81	11.58	12.14	12.71	10.70	10.42	6.64
27	4.74	7.12	6.57	8.80	9.86	10.90	11.60	12.16	12.67	10.83	10.42	6.16
28	4.75	7.26	6.52	8.85	9.87	10.92	11.61	12.14	12.69	10.84	10.53	6.18
29	5.38	----	6.56	8.82	9.96	10.95	11.63	12.14	12.77	10.87	10.55	6.31
30	5.87	----	6.50	8.81	10.02	10.96	10.70	12.20	12.85	10.87	10.68	6.55
31	5.95	----	6.44	----	10.06	----	11.04	12.22	----	10.90	----	6.82

(Daily highest water level from recorder graph, 1950)

1	7.02	6.90	6.84	6.13	6.90	9.72	8.94	10.93	10.56	9.60	10.94	8.28
2	7.06	7.06	7.05	6.38	6.89	9.83	9.02	10.99	10.97	9.78	10.95	6.44
3	3.49	7.36	7.23	6.30	6.90	9.64	8.64	11.07	10.95	9.93	11.08	6.10
4	2.78	7.55	7.29	4.82	7.04	9.60	8.31	11.16	10.96	10.07	11.08	6.07
5	4.40	7.76	7.33	4.87	7.16	9.59	8.29	11.22	11.07	10.17	11.10	6.14
6	5.34	7.66	7.42	5.25	7.30	9.63	8.33	11.32	11.14	10.25	11.13	5.93
7	5.57	7.82	7.41	5.63	7.58	9.77	8.51	11.38	11.13	10.33	11.10	5.78
8	6.00	7.77	7.41	5.86	7.79	9.88	8.70	11.44	11.12	10.25	10.76	5.84
9	5.82	7.18	7.81	6.29	7.78	9.96	8.87	11.48	11.14	9.55	10.48	6.13
10	5.08	6.98	7.91	6.46	7.88	9.84	----	11.51	11.16	9.23	10.20	6.31

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1950)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	5.38	6.99	7.73	6.54	8.13	9.86	----	11.54	11.20	9.09	10.05	6.66
12	5.61	6.60	7.57	6.78	8.26	9.94	----	11.57	11.27	9.10	9.94	6.84
13	4.63	4.83	7.23	6.86	8.28	9.83	----	11.59	11.36	9.28	9.94	7.15
14	4.83	4.66	6.96	7.05	8.39	9.83	----	11.62	11.46	9.44	9.91	7.41
15	4.40	4.81	6.89	7.23	8.49	9.85	9.88	11.62	11.51	9.54	9.70	7.55
16	4.74	5.28	6.84	7.35	8.71	9.72	9.98	11.64	11.56	9.77	9.37	7.87
17	5.35	5.72	6.79	7.42	8.89	9.59	10.12	11.69	11.66	9.91	9.11	----
18	5.52	6.06	6.87	7.52	9.03	8.90	10.20	11.70	11.77	10.04	8.85	----
19	6.13	6.32	7.12	7.66	9.17	8.04	10.14	11.70	11.80	10.08	7.50	----
20	6.61	6.64	6.97	7.85	9.27	7.91	10.12	11.75	9.57	10.12	6.74	----
21	6.82	6.45	6.82	7.93	9.41	7.93	10.15	11.78	7.08	10.24	6.67	----
22	6.92	6.21	6.73	8.08	9.46	8.11	10.26	11.79	7.12	10.28	6.67	----
23	7.15	6.25	6.74	7.78	9.60	8.22	----	11.85	7.44	10.36	6.72	8.86
24	7.14	6.25	6.79	7.35	9.69	8.40	10.43	11.90	7.86	10.55	7.06	8.85
25	5.90	6.57	6.95	7.97	9.79	8.18	10.56	11.93	8.26	10.61	7.24	9.06
26	5.46	6.73	6.93	7.04	9.91	8.16	10.64	11.98	8.53	10.72	7.20	9.05
27	5.48	6.93	4.98	7.04	10.06	8.22	10.67	12.00	8.79	10.68	7.42	9.39
28	5.60	6.76	4.94	7.18	9.98	8.44	10.71	12.03	9.02	10.70	7.80	9.44
29	5.72	----	5.26	7.28	9.71	8.56	10.75	12.05	9.19	10.81	8.04	9.44
30	6.36	----	5.77	6.98	9.59	8.74	10.83	12.08	9.42	10.92	8.09	9.59
31	6.57	----	6:01	----	9.59	----	10.91	11.20	----	10.94	----	e9.74

(Daily highest water level from recorder graph, 1951)

1	9.84	----	6.83	7.84	8.20	9.49	8.72	10.48	11.83	12.16	12.18	10.55
2	8.79	----	6.60	7.94	8.29	9.57	8.86	10.64	11.92	12.15	12.24	10.60
3	7.61	8.95	6.50	8.02	8.30	9.70	9.08	10.70	11.97	12.15	12.12	10.63
4	7.58	e8.99	6.65	8.11	8.30	9.81	9.18	10.83	12.03	12.20	12.12	10.07
5	7.35	9.13	6.78	8.22	8.40	9.96	9.40	10.96	12.02	12.29	12.28	9.56
6	7.35	9.04	6.83	8.30	8.60	10.03	9.69	10.84	12.01	12.39	12.15	9.48
7	7.49	9.03	6.89	7.90	8.71	10.07	9.85	10.82	12.04	12.37	11.96	9.48
8	7.58	9.01	7.13	7.34	8.78	10.09	9.95	10.82	12.13	12.45	11.82	9.70
9	7.73	9.01	7.46	7.05	8.85	10.18	7.60	10.85	12.09	12.49	11.65	9.80
10	7.85	9.08	7.65	7.00	6.63	10.30	7.18	10.89	12.03	12.50	11.37	9.85
11	7.98	8.94	7.70	6.78	5.76	10.40	7.20	10.96	12.07	12.49	11.10	9.74
12	----	8.41	7.68	6.46	5.76	10.48	7.44	11.03	12.10	12.50	10.75	9.76
13	8.44	8.39	7.64	6.11	5.96	10.53	7.76	11.11	12.02	12.56	10.11	9.92
14	7.93	8.46	7.68	5.91	6.39	10.57	8.02	11.16	12.02	12.58	9.99	10.05
15	7.77	8.48	7.52	5.91	6.76	10.60	8.31	11.21	12.03	12.55	10.00	10.11
16	7.83	8.06	7.01	6.17	7.02	10.61	8.61	11.25	12.01	12.55	10.08	10.52
17	----	7.94	6.52	6.42	7.23	10.64	8.67	11.34	11.98	12.56	10.25	10.43
18	----	7.57	6.00	6.63	7.52	10.72	8.62	11.40	11.99	12.61	10.46	10.37
19	6.92	6.65	5.95	6.72	7.77	10.80	8.63	11.49	12.02	12.63	10.58	10.58
20	6.81	4.94	5.99	7.02	7.97	10.84	8.78	11.54	12.10	12.60	10.72	10.43

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1951)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	----	4.92	6.20	7.14	8.19	10.92	9.02	11.55	12.16	12.59	10.76	10.41
22	----	5.38	6.44	7.17	8.43	10.98	9.19	11.64	12.09	12.62	10.75	10.58
23	----	5.65	6.53	7.52	8.60	11.05	9.42	11.74	12.15	12.51	10.40	10.53
24	----	5.92	6.70	7.66	8.80	11.14	9.61	11.79	12.14	12.37	10.25	10.60
25	----	6.20	7.15	7.69	8.93	11.22	9.74	11.80	12.13	12.27	9.98	9.95
26	----	6.35	7.31	7.90	9.05	11.26	9.89	11.81	12.10	12.20	9.98	9.51
27	----	6.69	7.43	8.13	9.06	10.65	10.05	11.83	12.09	12.12	10.20	9.20
28	----	6.83	7.47	8.07	9.04	9.50	10.11	11.84	12.19	12.07	10.28	8.90
29	----	----	7.50	8.05	9.13	8.83	10.20	11.81	12.26	12.10	10.36	8.66
30	----	----	7.56	8.07	9.27	8.72	10.33	11.80	12.19	12.08	10.48	8.12
31	----	----	7.79	----	9.41	----	10.41	11.80	----	12.09	----	7.74

(Daily highest water level from recorder graph, 1952)

1	7.75	7.37	9.55	7.66	8.30	9.49	7.86	11.38	11.89	12.69	13.28	12.15
2	7.95	7.13	9.73	7.89	8.42	9.69	8.24	11.40	11.72	12.70	13.33	12.13
3	8.03	6.64	9.61	8.05	8.59	9.76	8.58	11.44	11.71	12.82	13.36	12.21
4	8.07	6.33	9.57	7.65	8.78	9.85	8.70	11.47	11.73	12.83	13.20	11.77
5	8.15	6.31	9.84	6.45	8.88	10.00	8.79	11.53	11.76	12.84	13.11	11.21
6	8.47	6.36	9.88	6.28	8.97	10.09	8.97	11.66	11.78	12.92	13.12	11.00
7	8.75	6.47	9.82	6.29	9.16	10.21	9.15	11.71	11.82	12.98	13.25	10.96
8	8.69	6.45	9.66	6.48	9.26	10.33	9.11	11.74	11.93	12.99	13.29	10.93
9	8.82	6.81	9.54	6.69	9.33	10.42	8.82	11.74	11.99	12.99	13.26	10.83
10	9.13	7.01	9.27	6.84	9.33	10.52	8.82	11.76	12.04	13.02	13.26	10.28
11	9.48	7.08	7.43	----	9.42	10.61	8.92	11.81	12.09	13.06	12.27	10.07
12	9.48	7.51	6.57	----	9.50	10.72	9.17	11.78	12.14	13.03	13.27	10.05
13	9.50	7.64	6.44	----	9.65	10.72	9.38	11.78	12.19	13.05	13.29	10.22
14	9.51	7.77	6.65	----	9.72	10.34	9.50	11.62	12.25	13.11	13.25	10.31
15	9.54	8.06	6.92	----	9.71	10.07	9.61	11.35	12.25	13.08	13.25	10.43
16	9.79	8.16	7.05	----	9.89	10.02	9.77	11.14	12.26	13.07	13.29	10.58
17	9.66	8.22	7.25	----	10.04	10.02	9.91	11.13	12.26	13.08	13.33	10.67
18	9.78	8.50	6.67	----	10.13	10.18	9.94	11.14	12.29	13.11	13.28	10.77
19	9.66	8.62	6.21	6.74	10.19	10.32	9.98	11.20	12.32	13.09	13.11	10.98
20	9.68	8.62	6.17	6.96	10.10	10.46	----	11.23	12.36	13.12	13.01	10.85
21	9.91	8.78	6.22	7.21	10.12	10.53	----	11.26	12.40	13.24	12.96	10.81
22	9.80	9.03	5.81	7.39	10.19	7.22	10.31	11.33	12.41	13.18	12.89	10.62
23	9.89	9.12	5.79	7.51	10.20	6.83	10.52	11.40	12.41	13.17	12.89	10.60
24	10.22	9.14	5.88	7.46	9.57	6.83	10.67	11.44	12.46	13.17	13.00	10.68
25	10.00	9.28	6.16	7.47	9.13	7.08	10.81	11.49	12.50	13.18	12.59	10.76
26	7.94	9.34	6.54	7.57	9.01	8.52	10.88	11.56	12.51	13.21	12.39e	10.70
27	6.91	9.34	6.91	7.67	9.01	7.18	10.92	11.61	12.54	13.17	12.34e	10.70
28	6.72	9.31	7.13	7.78	9.05	7.12	11.01	11.67	12.59	13.20	12.31	10.78
29	6.75	9.42	7.28	7.94	9.18	7.19	11.09	11.71	12.63	13.31	12.22	10.71
30	6.97	----	7.54	8.14	9.29	7.46	11.18	11.81	12.68	13.27	12.22	10.71
31	7.18	----	7.65	----	9.35	----	11.25	11.85	----	13.27	----	10.80

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1953)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.95	9.37	9.43	6.71	8.75	8.73	10.30	11.23	12.94	14.06	14.78	14.80
2	10.87	9.52	9.46	6.70	8.75	9.08	10.33	11.26	12.99	14.10	14.78	----
3	10.87	9.55	8.19	6.75	8.94	9.24	10.43	11.36	13.00	14.11	14.77	14.51
4	10.87	9.71	7.18	6.85	9.07	9.36	----	11.43	13.00	14.14	14.82	14.45
5	10.85	9.66	6.99	7.09	8.96	9.52	9.57	11.47	13.08	14.10	14.86	14.45
6	----	9.66	6.97	7.23	8.92	9.71	8.74	11.60	13.14	14.09	14.87	14.31
7	----	9.93	7.13	7.30	8.92	9.89	8.64	11.66	13.16	14.20	14.83	14.27
8	----	10.03	7.17	----	8.93	10.00	8.66	11.70	13.25	14.22	14.80	14.09
9	----	10.19	7.43	----	9.03	10.09	8.86	11.75	13.30	14.21	14.80	13.83
10	----	10.27	7.54	----	9.12	10.30	9.17	11.83	13.32	14.22	14.85	13.83
11	----	10.01	7.71	7.91	9.13	10.39	9.49	11.91	13.28	14.21	14.83	----
12	----	9.98	7.91	7.92	9.26	10.44	9.76	11.96	13.28	14.27	14.88	----
13	----	9.95	8.01	7.96	9.32	10.49	9.91	12.01	13.40	14.38	----	----
14	----	9.85	7.76	8.12	----	10.53	10.00	12.04	13.41	14.43	----	----
15	----	9.84	7.20	7.94	----	10.66	----	12.08	13.44	14.44	----	----
16	10.10	9.82	7.04	7.98	9.07	10.72	----	12.16	13.49	14.46	----	----
17	9.56	10.03	7.00	8.27	8.72	10.79	----	12.20	13.55	14.50	----	13.38
18	9.39	10.07	6.24	8.34	8.70	10.92	----	12.25	13.59	14.53	----	----
19	9.33	10.05	6.20	8.38	8.71	10.98	----	12.28	13.59	14.55	15.00	----
20	9.34	9.79	6.32	8.41	8.79	11.07	----	12.32	13.59	14.60	14.95	----
21	9.41	9.72	6.48	8.42	8.86	11.13	10.85	12.39	13.61	14.63	14.96	----
22	9.56	9.37	6.75	8.40	8.18	11.26	----	12.45	13.74	14.66	14.97	----
23	9.32	9.21	6.55	8.43	7.23	11.27	----	12.49	13.78	14.65	14.93	----
24	8.82	9.06	6.53	8.55	7.06	11.30	----	12.50	13.77	14.66	14.84	12.84
25	8.80	8.97	6.67	8.52	7.07	11.22	10.60	12.56	13.76	14.71	14.85	12.80
26	8.69	8.96	7.02	8.56	7.23	----	10.69	12.63	13.77	14.74	14.89	12.80
27	8.69	8.98	7.21	8.72	7.64	----	10.78	12.68	13.78	14.65	14.91	12.94
28	8.78	9.26	7.33	8.81	7.98	10.07	10.85	12.72	13.86	14.65	15.01	12.96
29	8.95	----	7.57	8.81	8.14	10.17	10.92	12.75	13.89	14.71	14.93	13.05
30	9.12	----	7.85	8.75	8.20	10.20	11.03	12.80	13.94	14.77	14.86	13.16
31	9.21	----	7.33	----	8.40	----	11.14	12.87	----	14.78	----	13.37

(Daily highest water level from recorder graph, 1954)

1	13.38	----	11.47	10.76	9.95	9.55	11.62	12.74	13.02	14.55	12.11	12.29
2	13.41	----	11.31	10.70	8.78	9.12	11.73	12.68	13.09	14.53	12.21	12.20
3	13.47	----	11.30	10.80	7.93	8.31	11.80	12.70	13.09	14.48	12.32	12.08
4	13.63	----	11.60	10.91	7.79	8.30	11.86	12.60	13.19	14.49	12.29	12.08
5	13.62	12.81	11.53	10.85	7.81	8.40	11.91	12.56	13.21	14.55	12.32	12.13
6	13.66	12.89	11.48	10.23	7.96	8.48	11.91	12.57	13.19	14.55	12.19	12.38
7	13.79	13.10	11.46	----	8.12	8.59	11.86	12.58	13.28	14.70	12.22	12.39
8	13.72	12.86	11.53	----	8.44	8.75	11.93	12.59	13.33	14.64	12.31	12.16
9	13.72	12.86	11.42	9.93	8.62	8.91	----	12.61	13.49	14.60	12.39	12.13
10	13.89	12.89	11.45	9.91	8.80	9.10	----	12.65	13.48	14.52	12.45	12.32

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1954)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
11	13.88	13.00	11.51	9.50	8.97	----	----	12.69	13.53	14.16	12.44	12.49
12	13.95	13.29	11.34	9.32	9.06	9.42	----	12.73	13.60	13.09	12.44	12.49
13	----	13.10	11.33	9.13	9.25	9.68	----	12.74	13.66	12.79	12.39	12.42
14	----	13.07	11.42	9.13	9.37	9.93	----	12.70	13.68	12.47	12.38	12.30
15	----	13.07	11.58	9.13	9.45	10.10	----	12.66	13.75	12.14	12.44	12.26
16	----	13.08	11.73	8.55	9.50	10.14	----	12.62	13.83	12.13	12.42	12.44
17	----	13.01	11.61	8.52	9.62	10.22	----	12.64	13.92	12.24	12.44	12.38
18	----	12.73	11.45	8.53	9.77	10.40	----	12.62	13.95	12.39	12.48	12.37
19	----	12.53	11.27	8.69	9.83	10.53	----	12.64	13.96	12.60	12.46	12.43
20	13.99	12.30	11.30	9.04	9.95	10.61	----	12.60	14.01	12.58	12.50	12.56
21	13.97	12.31	11.54	9.21	10.08	10.64	----	12.62	14.02	12.53	12.63	12.57
22	----	12.41	11.39	9.30	10.13	10.76	----	12.63	14.16	12.58	----	12.40
23	----	12.25	11.39	9.49	10.25	10.95	----	12.61	14.27	12.69	----	12.34
24	----	12.13	11.31	9.49	10.37	11.14	----	12.71	14.30	12.84	----	12.42
25	----	12.03	11.22	9.52	10.45	11.22	----	12.73	14.29	12.86	----	12.57
26	----	12.06	11.36	9.53	10.56	11.27	----	12.74	14.33	12.61	12.53	12.55
27	----	11.79	11.31	9.51	10.47	11.39	12.67	12.81	14.36	12.19	12.24	12.23
28	----	11.60	11.21	9.61	10.40	11.51	12.67	12.80	14.39	11.84	12.11	10.91
29	----	----	10.95	9.74	10.33	11.52	12.67	12.85	14.42	11.80	12.16	9.78
30	----	----	10.83	9.85	10.19	11.52	12.71	12.85	14.50	11.87	12.40	9.64
31	----	----	10.77	----	10.08	----	12.74	12.90	----	12.03	----	9.53

(Daily highest water level from recorder graph, 1955)

1	9.51	10.56	7.44	8.19	8.15	8.36	10.75	12.27	13.50	13.01	12.20	9.41
2	9.62	10.57	7.37	8.17	8.25	8.55	10.86	12.32	----	13.02	11.48	9.35
3	9.97	10.84	7.22	8.21	8.42	8.71	11.05	12.33	----	13.04	10.68	9.13
4	9.11	10.75	7.24	8.42	8.60	8.87	11.18	12.38	----	13.03	10.41	----
5	7.78	10.59	7.49	8.53	8.74	9.06	11.26	12.42	----	12.12	10.24	----
6	7.78	10.56	7.70	8.61	8.94	9.21	11.31	12.44	----	11.36	10.24	----
7	8.09	10.59	7.76	8.73	9.06	9.31	11.34	12.43	----	10.49	10.51	----
8	8.09	10.57	7.88	8.96	9.23	8.88	----	12.51	----	10.49	10.68	----
9	8.10	10.44	7.94	9.06	9.50	8.53	----	12.57	13.87	10.62	10.61	----
10	8.45	10.35	8.04	9.09	9.56	8.22	----	12.59	13.92	10.83	10.48	----
11	8.61	10.44	8.04	8.94	9.69	7.99	----	12.60	14.01	11.01	10.53	----
12	8.75	10.49	8.28	8.72	9.79	7.84	----	12.67	14.12	11.08	10.81	----
13	8.80	10.55	8.45	----	9.76	7.83	11.87	12.70	14.15	11.24	10.97	----
14	9.02	10.44	8.40	----	9.82	7.86	11.82	12.75	14.15	11.36	10.72	----
15	9.02	10.40	8.38	7.27	9.92	8.00	11.64	12.82	14.27	11.49	10.00	----
16	9.29	10.30	8.50	7.21	9.97	8.15	11.54	12.84	14.23	11.64	9.40	9.33
17	9.41	10.34	8.72	7.28	10.04	8.35	11.54	12.84	14.29	11.60	9.35	9.33
18	9.65	10.21	8.70	7.48	10.17	8.58	11.59	12.88	14.35	11.72	9.13	9.47
19	9.67	10.19	8.74	7.51	10.21	8.80	11.65	12.97	14.36	11.92	9.10	9.78
20	9.84	9.90	8.61	7.63	10.30	8.98	11.73	13.02	14.37	12.04	9.17	9.87

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1955)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	9.68	9.54	8.25	7.39	10.42	e9.21	11.77	13.03	----	12.04	8.99	9.79
22	9.73	9.40	----	7.35	10.37	e9.45	11.81	13.03	----	12.13	8.82	9.63
23	9.95	9.40	----	7.33	10.02	9.66	11.81	13.05	14.40	12.02	8.82	9.67
24	9.99	9.42	----	7.29	9.78	9.82	11.76	13.11	14.41	12.04	9.05	9.81
25	10.01	9.35	----	7.41	9.43	9.97	11.78	----	14.50	12.04	8.90	10.03
26	10.32	9.00	----	7.44	9.24	10.10	11.83	13.15	14.50	12.04	8.85	10.34
27	10.45	8.16	----	7.46	9.22	10.28	11.92	13.16	14.33	12.11	8.83	10.38
28	10.38	7.62	----	7.51	----	10.44	11.98	13.18	14.19	11.92	9.04	10.31
29	10.52	----	----	7.71	----	10.57	12.03	13.20	13.54	11.90	9.18	10.31
30	10.57	----	----	8.00	----	10.65	12.07	13.19	13.05	12.08	9.50	10.46
31	10.57	----	----	----	----	----	12.16	13.40	----	12.16	----	10.32

(Daily highest water level from recorder graph, 1956)

1	10.33	10.99	6.78	8.63	----	6.89	10.22	11.18	11.70	12.73	13.37	12.52
2	10.32	10.95	6.86	8.12	----	7.08	10.38	11.20	11.68	12.73	13.44	12.45
3	10.50	10.91	7.17	6.87	----	7.33	10.57	11.24	11.69	12.87	13.52	12.47
4	10.54	10.81	7.55	6.85	----	7.60	10.59	11.22	11.70	12.88	13.59	12.65
5	10.54	10.79	7.49	7.03	----	7.88	----	11.22	11.69	12.97	13.50	12.59
6	10.54	10.66	7.54	7.06	----	8.12	----	11.28	11.71	12.88	13.46	12.60
7	10.81	10.39	7.36	6.92	----	8.36	----	11.40	11.84	12.97	13.43	11.65
8	10.82	9.87	7.21	6.90	----	8.37	----	11.48	11.90	13.03	13.46	10.37
9	10.74	9.39	7.09	7.05	8.72	----	----	11.50	11.91	13.11	13.41	9.83
10	10.74	8.85	7.05	7.05	8.74	----	----	11.51	11.79	12.26	13.35	9.48
11	10.83	8.78	7.06	7.11	----	----	----	11.55	11.78	13.23	13.29	9.43
12	10.91	8.78	7.58	7.37	8.95	----	----	11.59	11.89	13.23	13.33	9.52
13	11.02	8.78	7.60	7.57	8.96	----	----	11.55	11.93	13.26	13.38	9.71
14	10.86	----	7.55	7.52	9.03	----	----	11.39	12.02	13.30	13.39	9.88
15	10.72	----	7.65	7.54	9.30	9.96	----	11.33	12.03	13.34	13.33	9.99
16	10.75	----	7.57	7.82	9.35	10.06	----	11.33	12.05	13.35	13.38	10.16
17	11.01	----	7.41	8.25	9.38	10.17	----	11.33	12.15	13.32	13.31	10.26
18	11.12	----	7.39	8.34	9.60	10.23	----	11.34	12.22	13.33	13.26	10.58
19	10.98	----	7.46	----	9.62	10.31	----	11.36	12.16	13.39	13.23	10.55
20	11.05	----	7.52	----	9.79	10.33	9.98	11.31	12.28	13.38	12.88	10.04
21	11.18	----	7.52	----	9.80	10.40	10.11	11.32	12.32	13.38	12.70	9.46
22	11.27	----	7.56	----	9.80	10.35	10.26	11.31	12.32	13.38	12.62	9.27
23	11.22	----	7.73	----	9.81	10.29	10.43	11.30	12.39	13.39	12.60	9.11
24	11.23	----	7.82	9.34	9.78	10.32	10.47	11.45	12.47	13.50	12.38	9.15
25	11.23	----	7.92	9.21	9.75	10.38	10.52	11.63	12.50	13.44	12.30	9.34
26	11.34	----	7.91	9.21	9.49	10.45	10.62	11.61	12.54	13.44	12.43	9.32
27	11.38	----	8.12	----	8.36	10.05	10.75	11.62	12.63	13.53	12.50	9.32
28	11.18	----	8.18	----	7.57	10.04	10.86	11.68	12.66	13.48	12.44	9.36
29	11.10	6.90	8.37	----	7.00	10.11	10.98	11.70	12.67	13.46	12.53	9.57
30	11.07	----	8.45	----	6.99	10.16	11.06	11.64	12.69	13.38	12.49	9.41
31	11.30	----	8.60	----	6.91	----	11.13	11.68	----	13.35	----	9.45

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1957)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9.88	----	----	7.56	7.98	8.08	4.68	10.56	11.38	11.92	----	9.79
2	10.12	----	7.62	7.12	8.13	8.14	5.26	10.44	11.34	12.03	----	9.89
3	9.90	----	7.90	4.58	8.36	8.30	5.76	9.95	11.37	12.09	----	9.81
4	10.05	----	8.03	5.05	8.58	8.44	6.19	9.85	11.43	12.16	----	9.97
5	10.19	9.64	8.18	5.52	----	8.59	5.92	9.90	11.58	12.23	----	9.97
6	10.16	9.62	8.36	5.67	----	8.72	6.04	10.02	11.62	12.25	----	9.78
7	10.24	9.60	8.55	6.14	----	----	6.50	10.12	11.64	12.26	11.02	8.75
8	10.13	9.31	8.69	6.04	----	----	6.97	10.21	11.70	12.32	10.87	8.26
9	10.02	----	----	5.86	----	----	7.40	10.30	11.76	12.39	10.83	8.04
10	----	----	----	5.89	9.32	----	7.87	10.36	11.84	12.46	10.82	7.99
11	9.91	----	----	6.03	9.34	----	8.18	10.28	11.93	12.53	10.65	8.37
12	9.77	----	----	----	9.35	----	8.41	10.06	11.92	12.58	10.47	8.56
13	9.82	----	----	----	9.23	----	8.39	10.03	11.94	12.57	10.11	----
14	10.01	----	----	----	9.14	----	8.37	10.05	11.93	12.56	9.20	8.84
15	10.08	----	9.44	----	9.17	----	8.49	10.04	11.92	12.52	8.77	9.14
16	10.20	----	9.46	7.34	9.45	----	----	10.31	11.98	13.27	8.77	9.22
17	10.16	----	9.41	7.56	9.37	----	----	10.50	12.13	12.15	8.84	8.05
18	10.20	----	9.22	7.57	9.32	6.80	----	10.59	12.15	12.16	8.28	----
19	10.47	----	9.20	7.63	8.92	6.81	9.11	10.68	12.08	12.18	8.28	5.40
20	10.44	----	9.38	6.66	7.79	6.94	9.26	10.79	11.77	----	8.33	4.68
21	----	----	9.26	6.04	7.58	7.22	9.42	10.94	11.64	----	8.52	5.94
22	8.09	9.12	9.23	6.03	7.59	7.51	9.55	11.10	11.65	----	----	6.31
23	7.97	9.29	9.31	6.15	7.34	7.84	9.67	11.12	11.68	----	----	6.43
24	7.76	9.28	9.37	6.44	7.29	8.07	9.76	11.09	11.70	10.40	----	6.82
25	7.76	9.28	9.04	6.73	7.16	----	9.88	11.10	11.69	10.37	----	5.76
26	----	----	8.86	7.01	7.17	----	9.96	11.21	11.74	10.39	----	5.76
27	8.31	----	----	7.20	7.52	----	10.05	11.30	11.88	10.55	----	5.99
28	8.35	----	8.43	7.44	7.88	3.50	10.14	11.24	11.95	10.67	----	5.98
29	----	----	8.37	7.65	8.08	4.23	10.23	11.23	11.94	10.61	9.51	6.35
30	----	----	8.38	7.84	8.27	4.19	10.30	11.28	11.92	10.62	9.62	6.57
31	----	----	8.34	----	8.16	----	10.43	11.34	----	----	----	6.77

(Daily highest water level from recorder graph, 1958)

1	7.04	----	----	9.05	9.38	9.52	7.97	5.51	9.99	9.89	10.95	7.42
2	7.35	----	----	9.02	9.46	9.62	8.20	5.71	10.14	9.99	10.89	7.70
3	7.52	----	----	9.06	8.93	9.71	8.40	5.78	10.14	9.99	10.91	7.67
4	7.77	8.21	----	9.10	----	9.74	8.46	6.30	10.16	10.01	10.87	7.70
5	7.81	8.18	----	8.97	----	9.76	8.70	6.88	10.28	10.03	10.84	7.93
6	7.71	8.27	----	8.84	----	9.90	8.94	7.30	10.30	10.14	11.01	8.27
7	7.89	8.41	10.84	8.84	----	9.92	9.10	7.63	10.29	10.10	11.04	8.34
8	8.12	8.57	10.72	8.68	----	9.93	9.23	7.64	10.33	10.11	10.88	8.30
9	8.33	8.68	10.69	8.59	7.18	9.70	9.37	7.86	10.37	10.16	10.79	8.47
10	8.40	8.64	10.84	8.56	7.54	8.46	9.43	8.08	10.39	10.26	10.91	8.74

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1958)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
11	e8.60	8.66	10.92	8.56	7.76	6.95	----	8.28	10.60	10.32	11.04	8.65
12	----	8.75	10.90	8.65	8.07	6.89	----	8.46	10.68	10.40	11.05	8.69
13	----	8.81	10.83	8.81	8.38	6.92	----	8.64	10.74	10.39	10.99	8.98
14	----	8.88	10.91	8.86	----	7.15	----	8.87	10.80	10.41	10.99	9.17
15	----	8.88	10.96	8.88	----	7.41	----	7.46	10.86	10.42	10.66	9.25
16	----	9.05	10.95	9.01	8.76	7.69	----	7.22	10.15	10.43	9.97	9.23
17	9.31	9.18	11.01	9.14	8.77	7.99	----	6.98	8.45	10.45	7.23	9.23
18	9.43	9.23	11.03	9.18	8.86	8.22	----	6.71	8.26	10.57	7.01	9.46
19	9.56	9.32	11.05	9.22	9.02	8.54	----	6.79	8.26	10.59	7.04	9.41
20	9.48	9.40	11.03	9.29	9.08	e8.50	----	7.13	8.29	10.59	7.21	9.70
21	----	9.34	11.03	9.16	9.18	----	----	7.45	8.39	10.66	7.49	9.89
22	----	9.34	11.09	9.12	9.21	----	----	7.85	8.69	10.71	7.61	9.87
23	----	9.38	11.12	9.11	9.03	----	8.30	8.15	8.96	10.73	7.97	9.87
24	----	9.34	10.52	9.11	8.94	----	8.48	8.32	9.09	10.78	8.07	10.02
25	----	9.52	9.58	9.55	8.95	----	8.42	8.56	e9.25	10.87	7.38	10.23
26	----	9.40	9.06	9.53	9.18	----	8.43	8.80	e9.43	10.91	6.64	10.29
27	----	9.28	8.90	9.40	9.25	----	8.42	9.03	9.57	10.92	6.63	10.29
28	----	9.36	8.89	9.32	9.31	----	6.63	9.20	9.72	10.97	6.63	10.35
29	----	----	8.89	9.37	9.50	----	6.57	9.39	9.75	11.02	6.92	10.44
30	----	----	8.86	9.39	9.55	----	6.68	9.57	9.76	11.08	7.42	10.61
31	----	----	8.92	----	9.52	----	5.49	9.75	----	10.97	----	10.47

(Daily highest water level from recorder graph, 1959)

1	10.14	8.71	7.69	8.21	6.86	8.64	10.77	12.29	12.63	13.21	11.99	11.49
2	10.11	8.76	7.57	e7.16	7.10	8.94	10.94	12.35	12.58	13.22	11.99	11.52
3	10.13	8.44	7.70	e7.01	7.38	9.16	11.04	12.36	12.63	13.22	12.03	11.55
4	10.19	8.44	7.98	7.17	7.66	9.39	11.06	12.16	12.71	13.32	11.37	11.54
5	10.49	8.61	7.59	7.14	7.91	9.55	11.08	12.08	12.74	13.28	11.23	11.56
6	10.30	9.06	7.46	7.35	8.17	9.69	11.19	12.04	12.75	13.13	11.35	11.45
7	10.28	9.13	7.39	7.51	8.46	9.88	11.32	12.03	12.78	13.12	11.47	11.45
8	10.33	9.16	----	7.62	8.79	10.06	11.39	12.06	12.85	13.08	11.48	11.45
9	10.51	7.83	----	----	8.90	10.19	11.44	12.12	12.89	13.15	11.52	11.62
10	10.58	6.80	----	----	8.91	10.25	11.53	12.20	12.92	12.98	11.47	11.53
11	10.61	6.70	----	8.26	8.99	9.04	11.55	12.29	12.98	12.56	11.50	10.85
12	10.58	6.59	----	8.39	9.09	8.94	11.64	12.37	12.98	12.43	11.63	9.89
13	10.60	6.61	----	8.50	9.10	8.98	11.75	12.41	12.98	12.39	10.98	9.75
14	10.35	6.31	5.98	8.62	9.23	9.26	11.83	12.46	12.93	12.40	10.37	9.70
15	10.24	6.31	5.89	8.78	9.34	9.38	11.88	12.47	12.92	12.44	10.09	9.70
16	10.21	6.30	6.25	8.86	9.52	9.49	11.92	12.36	12.99	12.50	10.09	9.76
17	10.23	6.41	6.29	9.01	9.61	9.65	11.94	12.21	13.15	12.54	10.39	9.92
18	10.24	6.59	6.75	9.10	9.68	9.85	11.83	12.23	13.21	12.60	10.51	10.08
19	10.19	6.92	6.87	9.09	9.68	10.02	11.82	12.28	13.22	12.63	10.54	10.33
20	9.64	7.09	7.00	9.03	9.75	10.15	11.88	12.32	13.21	12.63	10.70	10.43

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 1--Cont.

(Daily highest water level from recorder graph, 1959)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	8.61	7.25	7.24	9.13	9.74	10.22	11.97	12.35	13.22	12.72	10.70	10.42
22	8.26	7.39	7.61	9.15	9.73	10.26	12.05	----	13.24	12.67	10.85	10.57
23	8.10	7.15	7.76	9.20	9.63	10.45	12.05	----	13.29	12.44	10.94	10.57
24	7.94	7.32	7.91	9.27	9.59	10.54	12.06	----	13.35	12.06	10.87	10.62
25	7.94	7.35	8.08	9.30	9.57	10.54	12.13	----	13.33	11.86	11.03	10.71
26	7.97	7.36	8.10	9.41	9.58	10.44	12.22	12.63	13.24	11.74	11.27	10.70
27	8.18	7.56	8.12	8.97	8.30	10.45	12.21	12.66	13.23	11.81	11.39	9.93
28	8.37	7.68	8.61	6.90	8.05	10.48	12.16	12.58	13.23	12.09	11.48	9.22
29	8.40	----	8.57	6.48	8.06	10.61	12.17	12.57	13.25	12.09	11.51	9.05
30	8.40	----	8.56	6.59	8.15	10.71	12.23	12.60	13.19	12.11	11.49	9.01
31	8.65	----	8.58	----	8.41	----	12.27	12.65	----	12.05	----	9.08

(Daily highest water level from recorder graph, 1960)

1	9.23	9.09	9.78	7.31	9.66	7.99	8.58	10.81	11.43	12.30	12.14	11.16
2	9.16	9.20	9.55	7.33	9.54	8.10	8.78	10.87	11.49	12.26	12.39	11.15
3	9.16	9.26	9.53	7.65	9.54	8.32	8.92	9.98	11.58	12.39	12.39	11.15
4	9.40	9.28	9.84	7.75	9.58	8.55	9.16	9.59	11.63	12.38	12.48	11.16
5	9.40	7.85	10.04	7.91	9.63	8.77	9.43	9.59	11.65	12.27	12.46	11.20
6	9.43	7.25	10.16	8.04	9.39	9.10	9.70	9.72	11.74	12.29	12.33	10.88
7	9.44	7.14	10.17	8.23	8.74	9.32	9.89	9.80	11.82	12.40	12.49	10.49
8	9.59	6.95	10.13	8.50	8.62	9.50	10.03	9.87	11.88	12.35	12.39	10.48
9	9.91	6.54	10.03	8.72	8.53	9.70	10.17	10.04	11.92	12.36	12.19	10.54
10	9.92	5.85	10.12	9.00	8.48	9.86	10.20	10.14	11.98	12.47	12.09	10.54
11	10.10	6.20	10.27	8.96	8.58	----	10.22	10.33	11.95	12.49	11.95	10.42
12	9.91	6.70	10.33	9.05	8.70	----	10.35	10.45	11.95	12.50	11.93	10.49
13	9.54	6.77	10.44	9.22	8.70	----	8.88	10.51	12.01	12.54	11.93	10.43
14	8.80	6.84	10.35	9.33	8.73	----	8.62	10.61	12.14	12.58	11.96	10.33
15	8.47	7.31	10.00	9.40	8.91	----	8.65	10.74	12.16	12.66	11.76	10.33
16	8.45	7.42	9.72	9.34	9.07	----	8.80	10.90	12.27	12.68	11.46	10.50
17	8.32	7.60	9.68	9.33	9.08	----	8.95	10.98	12.31	12.66	11.33	10.61
18	8.29	7.93	9.43	9.54	9.32	10.46	9.11	11.02	12.29	12.69	11.23	10.81
19	8.51	8.19	9.07	9.58	9.41	10.52	9.32	11.07	11.96	12.68	11.31	10.85
20	8.83	8.58	8.82	9.38	9.39	10.59	9.59	11.02	11.92	12.71	11.38	10.78
21	8.87	8.47	8.37	9.38	9.35	10.21	9.86	11.05	----	12.62	11.40	10.81
22	9.03	8.62	8.32	9.61	9.24	10.06	9.99	11.11	----	12.44	11.42	10.99
23	9.23	8.96	8.33	9.72	9.24	6.44	10.11	11.19	----	12.42	11.50	11.07
24	9.29	9.07	8.28	9.72	9.29	6.34	10.24	11.31	11.93	12.48	11.45	11.07
25	9.32	8.92	8.31	9.73	9.36	6.52	10.40	11.42	11.99	12.58	11.45	11.03
26	9.48	9.12	8.31	9.80	8.69	6.93	10.45	11.46	12.12	12.41	11.48	10.96
27	9.24	9.49	8.04	9.99	8.60	7.36	10.50	11.55	12.16	12.38	11.48	11.09
28	9.08	9.50	7.54	10.05	8.63	7.71	10.58	11.59	12.17	12.35	11.30	10.89
29	9.07	9.59	7.26	9.97	8.80	7.96	10.51	11.64	12.19	12.32	11.08	10.79
30	9.03	----	7.23	9.78	7.99	8.36	10.49	11.45	12.22	12.20	11.06	10.82
31	9.03	----	7.42	----	7.95	----	10.65	11.41	----	12.11	----	10.81

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 2. (17/6W-36C2). Vandalia Railroad. Waveland. NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, T. 17 N., R. 6 W. Dug unused artesian well in sand and gravel, diameter 36 inches, depth 7.5 feet. Land-surface datum is about 730 feet above msl. Highest water level is 0.58 above lsd, Jan. 15, 1937; lowest 4.79 below lsd, Sept. 1, 1936. Records available 1935 to 1943.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1935		May 1	1.76	1939		Aug. 21	4.04
		18	2.27			28	4.49
Oct. 15	3.68	June 3	2.60	Jan. 3	2.74	Sept. 16	3.74
Nov. 1	3.36	15	2.21	16	2.09	25	4.05
15	2.62	July 2	2.80	31	+0.54	Oct. 15	2.69
Dec. 2	2.95	16	2.02	Feb. 16	1.67	29	3.43
16	2.80	Aug. 2	2.49	Mar. 2	0.89	Nov. 16	2.97
		20	3.26	15	1.04	26	1.31
1936		Sept. 1	3.54	Apr. 1	2.36	Dec. 13	1.80
		Oct. 2	3.65	15	+0.37	30	2.19
Jan. 4	2.70	18	+0.40	May 2	2.18		
Feb. 6	2.55	Nov. 5	2.68	18	2.72	1941	
19	2.29	18	2.72	31	2.90		
Mar. 2	1.27	Dec. 1	2.43	June 15	2.76	Jan. 15	2.67
17	1.78	16	2.05	July 5	2.95	31	2.47
Apr. 1	1.64			18	2.17	Feb. 14	2.12
16	2.30	1938		31	2.85	28	2.62
May 1	1.60			Aug. 17	2.94	Mar. 13	2.43
15	2.30	Jan. 3	2.03	Sept. 2	3.34	31	2.70
June 1	2.78	22	2.53	22	3.77	Apr. 15	2.32
15	3.06	Feb. 5	2.53	30	3.86	28	2.62
July 1	3.14	16	2.31	Oct. 16	3.96	May 14	2.63
15	3.76	Mar. 2	1.94	Nov. 2	3.60	June 15	2.21
Aug. 6	4.20	14	+0.15	19	3.49	29	2.05
17	4.25	Apr. 4	+0.52	Dec. 2	3.41	Oct. 3	2.49
Sept. 1	4.79	16	1.71	21	3.26	16	3.21
15	2.43	29	2.51			Nov. 4	2.47
Oct. 3	2.23	May 16	2.74	1940		24	2.09
15	2.04	28	0.62			Dec. 9	2.80
Nov. 3	+0.50	June 15	2.49	Jan. 2	3.36	18	3.00
17	2.11	29	2.33	15	2.25		
Dec. 1	2.53	Aug. 6	3.03	Feb. 5	3.00	1942	
16	2.58	17	2.70	20	2.37		
31	+0.53	31	2.90	Mar. 1	2.20	Jan. 14	3.25
		Sept. 17	3.12	16	2.03	Mar. 6	2.59
		30	3.27	Apr. 3	2.21	Apr. 20	2.60
1937		Oct. 7	3.96	17	0.49	May 22	2.54
Jan. 15	+0.58	17	3.49	30	1.99	June 24	2.94
Feb. 1	0.55	Nov. 2	3.47	May 17	2.30	July 22	2.78
16	1.62	15	3.14	June 1	1.46	31	3.41
Mar. 1	1.95	Dec. 1	2.96	14	2.20	Aug. 15	3.74
15	2.14	15	2.45	July 2	3.06	Sept. 2	3.98
Apr. 1	2.21			24	3.57	15	3.34
15	1.83			Aug. 2	3.69	30	3.99

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 2--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 15	3.97	1943		Mar. 14	1.96	June 15	2.00
31	3.94			Apr. 1	1.50	July 1	2.96
Dec. 1	2.93	Jan. 15	1.40	16	1.96	28	2.39
15	2.99	Feb. 1	2.00	May 1	2.00		

Montgomery 3. (17/6W-25L1). Charles Lamson. Waveland. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 17 N., R. 6 W. Dug unused water-table well in glacial drift, diameter 36 inches, depth 15.5 feet. Land-surface datum is about 780 feet above msl. Highest water level is 0.38 below lsd, Jan. 15, 1937; lowest 14.94 below lsd, Oct. 15, 1940. Records available 1935 to 1942.

1935		1937		May 16	9.27	Oct. 16	14.08
Oct. 15	13.92	Jan. 15	0.38	28	9.46	Nov. 2	14.06
Nov. 1	12.84	Feb. 1	1.62	June 15	8.84	19	14.19
15	13.14	16	5.10	29	9.10	Dec. 2	14.13
Dec. 2	13.07	Mar. 1	5.90	Aug. 6	10.64	21	14.20
16	12.57	15	7.32	17	10.97		
		Apr. 1	7.87	31	10.75	1940	
1936		15	5.01	Sept. 17	11.66	Jan. 2	14.43
Jan. 4	12.55	May 1	4.59	30	12.33	15	14.04
Feb. 6	11.59	18	7.91	Oct. 17	12.91	Feb. 5	13.65
19	10.29	June 3	9.88	Nov. 2	13.15	20	11.93
Mar. 2	5.85	15	9.72	Dec. 1	12.74	Mar. 1	11.00
17	6.31	July 2	10.70	15	10.70	16	9.76
Apr. 1	6.10	16	9.18			Apr. 3	10.02
16	7.39	Aug. 2	10.11	1939		17	7.25
May 1	4.78	20	12.09	Jan. 3	10.90	30	6.15
15	7.25	Sept. 1	12.75	16	8.60	May 17	6.95
June 1	9.80	Oct. 2	13.20	31	0.90	June 1	5.63
15	11.28	18	12.40	Feb. 16	3.43	14	5.76
July 1	12.20	Nov. 5	11.95	Mar. 2	1.25	July 2	10.15
15	14.00	18	11.77	15	1.26	24	12.62
Aug. 6	13.70	Dec. 1	11.30	Apr. 1	6.34	Aug. 2	13.01
17	14.07	16	10.44	15	7.54	21	13.81
Sept. 1	14.10	1938		May 2	5.35	28	13.98
15	14.35	Jan. 3	7.42	18	8.60	Sept. 16	14.48
Oct. 3	13.60	22	9.46	31	10.00	25	14.52
15	11.30	Feb. 5	7.42	June 15	10.08	Oct. 15	14.94
Nov. 3	4.22	16	7.73	July 5	9.23	29	14.66
17	8.93	Mar. 2	4.18	18	9.69	Nov. 16	14.56
Dec. 1	10.12	14	2.02	31	9.36	26	14.49
16	10.40	Apr. 4	2.29	Aug. 17	10.71	Dec. 13	14.15
31	3.37	16	3.39	Sept. 2	12.30	30	13.13
		29	6.87	22	13.30		
				30	13.49		

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 3--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1941		Feb. 28	12.09	May 14	10.30	1942	
Jan. 15	12.98	Mar. 13	11.55	June 15	8.63	July 22	9.97
31	12.33	31	11.55	29	8.63		
Feb. 14	11.55	Apr. 15	9.15	Oct. 3	13.91		
		28	10.20				

Montgomery 4. (17/6W-13K1). Mrs. W. L. Glenn. Waveland. NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 17 N., R. 6 W. Dug unused water-table well in glacial drift, diameter 36 inches, depth 21 feet. Land-surface datum is about 770 feet above msl. Recording gage installed Dec. 4, 1946. Highest water level is 1.30 below lsd, Jan. 25, 1950; lowest 17.33 below lsd, Oct. 15, 1940. Records available 1935 to 1942 and 1946 to 1957.

1935		1937		Apr. 16	2.61	Aug. 17	10.33
Oct. 15	11.15	Jan. 15	2.23	29	4.12	Sept. 2	11.25
Nov. 1	11.74	Feb. 1	2.31	May 16	5.63	22	13.09
15	12.06	16	3.26	28	6.08	30	13.70
Dec. 2	12.36	Mar. 1	3.45	June 15	6.24	Oct. 16	14.50
16	12.04	15	3.51	29	7.30	Nov. 2	14.81
		Apr. 1	4.50	Aug. 6	8.95	19	14.78
1936		15	3.10	17	9.40	Dec. 2	14.76
Jan. 4	11.78	May 1	3.77	31	9.88	21	14.57
Feb. 6	10.91	18	3.76	Sept. 17	10.60		
19	10.45	June 3	5.28	30	11.39	1940	
Mar. 2	8.68	15	6.16	Oct. 17	12.71	Jan. 2	14.67
17	8.93	July 2	7.17	Nov. 2	13.30	15	13.99
Apr. 1	7.40	16	8.09	15	12.67	Feb. 5	12.06
16	7.95	Aug. 2	8.13	Dec. 1	11.52	20	11.00
May 1	5.59	20	9.72	15	10.36	Mar. 1	10.71
15	4.30	Sept. 1	10.26	1939		16	10.32
June 1	5.96	Oct. 2	11.00	Jan. 3	10.56	Apr. 3	10.31
15	7.50	18	11.60	16	9.89	17	10.08
July 1	8.71	Nov. 5	9.10	31	9.76	30	9.72
15	9.81	18	10.02	Feb. 16	9.48	May 17	9.48
Aug. 6	10.64	Dec. 1	9.97	Mar. 2	8.16	June 1	9.36
17	10.84	16	10.40	15	2.76	14	9.53
Sept. 1	12.35	1938		Apr. 1	5.22	July 2	10.37
15	12.81	Jan. 3	9.49	15	6.10	24	11.77
Oct. 3	11.78	22	9.33	May 2	3.50	Aug. 2	12.34
15	10.79	Feb. 5	9.03	18	5.15	21	13.85
Nov. 3	10.33	16	9.06	31	6.60	28	14.26
17	10.13	Mar. 2	8.62	June 15	7.77	Sept. 16	15.10
Dec. 1	10.30	14	8.03	July 5	9.03	25	15.38
16	10.35	Apr. 4	1.33	18	9.60	Oct. 15	17.33
31	9.55			31	9.76	29	14.09
						Nov. 16	13.43

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1940		Mar. 31	10.48	1946		Sept. 11	13.12
		Apr. 15	9.90			17	13.96
Nov. 26	13.15	28	9.95	June 26	5.21	25	14.90
Dec. 13	11.81	May 14	10.27	July 3	6.19	Oct. 2	14.94
30	11.50	June 15	9.82	10	7.16	9	14.97
		29	10.01	17	7.97	16	14.98
1941		Oct. 3	13.71	24	8.86	23	14.98
				31	9.77	30	14.97
Jan. 15	11.23	1942		Aug. 7	10.29	Nov. 6	14.93
31	10.86			14	10.77	13	13.93
Feb. 14	10.72	July 22	8.94	22	11.18	20	12.94
28	10.89			28	11.75	28	11.79
Mar. 13	10.57			Sept. 4	12.44	Dec. 4	11.96

(Daily 2 A.M. water level from recorder graph, 1946)

Dec. 6	11.50	Dec. 13	11.30	Dec. 20	11.10	Dec. 27	11.05
7	11.48	14	11.26	21	11.09	28	11.04
8	11.46	15	11.22	22	11.09	29	11.02
9	11.45	16	11.18	23	11.09	30	11.00
10	11.42	17	11.15	24	11.07	31	11.00
11	11.39	18	11.12	25	11.06		
12	11.35	19	11.11	26	11.05		

(Daily 2 A.M. water level from recorder graph, 1947)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11.00	----	10.69	10.29	2.50	2.91	6.05	9.83	11.40	----	12.67	----
2	11.00	10.47	10.70	10.27	2.51	2.38	6.21	9.96	11.43	----	12.56	----
3	10.98	10.46	10.71	10.25	2.66	2.34	6.36	10.01	11.49	----	12.44	----
4	10.97	10.47	10.72	10.23	2.79	2.61	6.51	10.09	11.59	----	12.33	----
5	10.97	10.47	10.73	10.20	2.93	2.87	6.69	10.19	11.61	11.78	12.23	----
6	10.96	----	10.74	10.00	3.11	3.14	6.79	10.29	11.63	11.81	12.14	----
7	10.96	----	10.74	9.64	3.25	2.32	6.88	10.42	11.69	11.88	12.07	11.32
8	10.95	----	10.74	9.55	3.36	2.20	7.05	10.46	11.76	11.94	12.00	11.29
9	10.95	----	10.73	9.50	3.48	2.47	7.22	10.56	11.84	12.00	11.94	11.28
10	10.95	----	10.73	9.47	3.60	2.81	7.34	10.68	11.91	12.07	11.89	11.28
11	10.94	----	10.73	9.44	3.74	3.22	7.41	10.81	11.96	12.13	11.84	11.27
12	10.93	10.60	10.72	9.36	3.86	3.53	7.53	10.94	12.02	12.20	11.77	11.27
13	10.91	10.62	10.71	9.25	3.98	3.73	7.70	11.07	11.97	12.28	11.71	11.27
14	10.88	10.63	10.68	9.17	4.10	3.91	7.84	11.21	11.95	12.35	11.67	11.27
15	10.86	10.63	10.65	9.12	4.23	4.08	8.02	11.30	11.97	12.43	11.61	11.27
16	10.83	10.62	10.62	9.08	4.33	4.25	8.08	11.32	11.91	12.51	11.55	11.27
17	10.81	10.62	10.60	9.04	4.36	4.43	8.14	11.32	11.87	12.60	11.52	11.27
18	10.79	10.61	10.58	8.94	4.34	4.54	8.25	11.36	11.85	12.67	11.49	11.26

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1947)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
19	10.78	10.60	10.56	8.88	4.25	4.63	8.30	11.41	11.85	12.73	11.46	----
20	10.75	10.60	10.54	8.83	4.19	4.72	8.38	11.44	11.88	12.80	11.44	----
21	10.73	10.59	10.52	8.78	4.08	4.89	8.46	11.42	----	12.88	11.43	----
22	10.73	10.59	10.49	8.70	2.55	5.05	8.56	11.43	----	12.96	11.41	----
23	10.72	10.59	10.46	8.62	2.58	5.20	8.68	11.46	----	13.03	11.40	11.24
24	10.70	10.60	10.44	8.55	2.85	5.35	8.79	11.51	----	13.11	11.38	11.24
25	10.67	10.62	10.42	8.51	2.65	5.42	8.93	11.59	----	13.17	11.36	11.24
26	10.66	10.64	10.40	6.72	2.52	----	9.05	11.58	----	13.23	11.35	11.23
27	10.64	10.66	10.38	6.05	2.73	5.62	9.16	11.49	----	13.28	11.34	11.23
28	10.63	10.67	10.36	5.86	2.67	5.73	9.26	11.44	----	13.23	11.33	11.23
29	10.61	----	10.34	5.70	2.76	5.84	9.39	11.41	----	13.10	11.33	11.23
30	10.59	----	10.31	3.91	2.51	5.94	9.53	11.38	----	12.95	11.33	----
31	----	----	10.30	----	2.72	----	9.69	11.40	----	12.80	----	11.19

(Daily 2 A.M. water level from recorder graph, 1948)

1	11.17	11.19	10.77	3.17	4.53	5.42	----	10.95	13.00	13.27	12.52	11.69
2	11.13	11.22	10.73	2.87	4.62	5.64	----	11.02	13.09	13.24	12.53	11.69
3	11.01	11.25	10.70	3.14	4.70	5.85	----	11.12	13.18	13.23	12.53	11.69
4	11.07	11.27	10.67	3.32	4.79	6.07	----	11.23	13.23	13.22	12.51	11.69
5	11.04	11.29	10.66	3.48	4.86	6.27	----	11.25	13.31	13.21	12.47	11.70
6	11.02	11.31	10.64	1.74	4.92	6.46	9.65	11.33	13.38	13.22	12.42	11.69
7	10.99	11.32	10.61	2.41	4.82	6.53	9.75	----	13.41	13.23	12.36	11.69
8	10.97	----	10.59	1.99	4.06	6.62	9.86	----	13.45	13.24	12.30	11.69
9	10.94	----	10.57	2.52	3.77	6.76	9.98	----	13.50	13.25	12.25	11.69
10	10.92	----	10.56	2.67	3.66	6.91	10.09	----	13.54	13.28	12.20	11.70
11	10.90	----	10.55	2.81	3.66	7.10	10.22	----	13.60	13.29	12.15	11.72
12	10.88	----	10.54	2.81	3.61	7.25	10.29	----	13.66	13.23	12.10	11.72
13	10.87	----	10.54	1.65	2.24	7.32	10.38	----	13.72	13.16	12.04	11.72
14	10.86	----	10.53	2.29	2.48	7.44	10.42	12.34	13.79	13.12	12.00	11.72
15	10.86	11.36	10.51	2.45	2.56	7.56	10.46	12.32	13.85	13.08	11.97	11.72
16	10.86	11.34	10.50	2.53	2.42	7.64	10.53	12.28	13.92	13.06	11.94	11.70
17	10.87	11.30	10.49	2.73	2.38	7.77	10.60	12.29	13.98	13.00	11.91	11.67
18	10.88	11.24	10.48	2.88	2.80	7.90	10.64	12.27	14.05	12.92	11.88	11.64
19	10.89	11.14	10.46	3.02	3.03	8.04	10.71	12.35	14.12	12.84	11.85	11.61
20	10.92	11.13	10.45	3.17	3.23	8.18	10.76	12.45	14.18	12.77	11.82	11.58
21	10.94	11.09	10.43	3.34	3.39	8.29	10.80	11.81	14.09	12.71	11.87	11.55
22	10.95	11.06	10.41	3.48	3.56	8.40	10.82	11.90	13.93	12.67	11.78	11.53
23	10.97	11.03	10.30	3.60	3.74	8.56	10.80	12.00	13.79	12.63	11.76	11.50
24	10.99	11.00	8.43	3.73	3.95	8.74	10.78	12.12	13.67	12.60	11.75	11.49
25	11.00	10.96	8.20	3.86	4.13	8.82	10.80	12.24	13.61	12.56	11.74	11.47
26	11.03	10.92	8.16	3.98	4.30	----	10.85	12.36	13.52	12.54	11.73	11.46
27	11.05	10.88	5.00	4.11	4.48	----	10.86	12.48	13.44	12.52	11.71	11.46

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1948)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
28	11.08	10.83	3.54	4.22	4.67	-----	10.87	12.60	13.39	12.51	11.70	11.47
29	11.10	10.80	3.54	4.33	4.88	----	10.86	12.70	13.34	12.51	11.70	11.46
30	11.13	-----	3.74	4.44	5.04	----	10.86	12.80	13.30	12.51	11.69	11.43
31	11.15	-----	3.96	-----	5.23	----	10.89	12.90	----	12.51	----	11.41

(Daily 2 A.M. water level from recorder graph, 1949)

1	11.38	4.03	4.21	4.48	4.30	6.77	10.59	13.40	14.57	15.70	11.72	11.31
2	11.36	4.28	4.27	4.35	4.29	6.94	10.79	13.36	14.63	15.73	11.71	11.34
3	11.35	4.53	4.35	4.28	4.32	7.12	10.96	13.33	14.68	15.77	11.70	11.37
4	11.33	4.73	4.42	4.24	4.35	7.32	11.12	13.32	14.73	15.78	11.70	11.39
5	11.04	4.96	4.46	4.19	4.39	7.47	11.29	13.31	14.77	15.79	11.71	11.42
6	9.70	5.14	4.51	4.14	4.45	7.65	11.44	13.33	14.82	15.78	11.72	11.45
7	9.60	5.29	4.60	4.12	4.50	7.83	11.59	13.35	14.86	15.67	11.74	11.47
8	9.61	5.45	4.65	4.12	4.55	8.70	11.72	13.39	14.90	15.54	11.75	11.52
9	9.63	5.59	4.69	4.14	4.60	8.18	11.84	13.43	14.94	15.43	11.77	11.53
10	9.67	5.75	4.72	4.16	4.66	8.34	11.89	13.48	14.98	15.33	11.79	11.55
11	e9.70	5.89	4.78	4.18	4.74	8.54	11.95	13.54	15.03	15.23	11.81	11.57
12	e9.72	6.01	4.81	4.19	4.83	8.62	12.03	13.59	15.08	15.06	11.83	11.55
13	e9.71	6.10	4.84	4.19	4.93	8.73	12.12	13.62	15.12	14.78	11.83	11.51
14	e9.70	6.20	4.88	4.20	5.04	8.79	12.23	13.66	15.16	14.48	11.73	11.48
15	9.70	6.28	4.89	4.22	5.15	8.86	12.34	13.70	15.20	14.17	11.62	11.46
16	9.70	2.11	4.92	4.26	5.26	8.90	12.45	13.74	15.24	13.87	11.53	11.45
17	9.71	2.57	4.93	4.29	5.36	8.91	12.57	13.79	15.28	13.60	11.46	11.44
18	9.73	2.84	4.93	4.28	5.51	9.00	12.67	13.83	15.33	13.36	11.40	11.44
19	7.10	3.02	4.97	4.31	5.67	9.10	12.74	13.87	15.36	13.15	11.35	11.41
20	5.64	3.16	5.00	4.33	5.75	9.24	12.83	13.93	15.39	12.97	11.31	11.38
21	5.68	3.33	5.00	4.34	5.80	9.37	12.92	13.98	15.42	12.79	11.28	11.34
22	5.83	3.47	4.99	4.34	5.86	9.45	13.00	14.04	15.45	12.64	11.27	11.23
23	6.00	3.56	5.00	4.35	5.89	9.60	13.04	14.10	15.47	12.46	11.26	10.85
24	6.14	3.70	5.03	4.35	5.98	9.74	13.10	14.16	15.50	12.30	11.26	10.80
25	6.22	3.80	5.04	4.38	6.03	9.89	13.17	14.21	15.53	12.17	11.25	10.77
26	6.20	4.00	5.05	4.39	6.13	10.02	13.23	14.27	15.56	12.05	11.25	10.74
27	6.14	4.05	5.03	4.40	6.21	10.12	13.29	14.32	15.58	11.96	11.25	10.56
28	5.50	4.12	4.93	4.38	6.29	10.23	13.35	14.38	15.61	11.89	11.27	10.42
29	3.42	-----	4.80	4.35	6.38	10.36	13.42	14.42	15.64	11.83	11.28	10.36
30	3.56	-----	4.70	4.32	6.50	10.46	13.48	14.47	15.67	11.78	11.29	10.32
31	3.76	-----	4.59	-----	6.63	-----	13.44	14.52	-----	11.74	-----	10.29

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1950)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
1	10.27	3.30	3.04	2.72	2.40	5.24	8.57	11.55	14.12	11.38	11.59	10.79
2	10.26	3.45	2.98	2.73	2.44	5.38	8.71	11.69	13.95	11.34	11.62	10.77
3	10.25	3.60	3.04	2.76	2.59	5.52	8.72	11.83	13.77	11.32	11.65	10.72
4	4.50	3.76	3.14	2.50	2.76	5.56	8.73	11.97	13.63	11.31	11.68	10.69
5	2.55	3.91	3.22	2.11	2.88	5.70	8.79	12.12	13.51	11.30	11.70	10.66
6	3.14	4.02	3.29	2.36	2.95	5.85	8.87	12.22	13.42	11.31	11.73	10.63
7	3.50	4.14	3.32	2.54	3.05	6.02	8.96	12.42	13.35	11.33	11.76	10.60
8	3.85	4.25	3.23	2.66	3.17	6.20	9.07	12.57	13.29	11.35	11.78	10.58
9	4.12	4.01	3.20	2.79	3.26	6.28	9.17	12.69	13.22	11.35	11.74	10.57
10	3.75	3.63	3.24	2.87	3.33	6.43	----	12.75	13.18	11.28	11.65	10.54
11	2.37	3.53	3.27	2.90	3.41	6.57	----	12.84	13.14	11.25	11.57	10.53
12	2.74	3.49	3.27	2.79	3.48	6.73	----	12.90	13.12	11.20	11.50	10.51
13	2.98	1.40	3.06	2.70	3.52	6.88	----	12.98	13.09	11.14	11.43	10.50
14	1.98	1.60	2.91	2.89	3.56	6.94	----	13.08	13.08	11.11	11.38	10.49
15	2.45	1.94	2.87	2.98	3.61	7.08	9.86	13.17	13.08	11.10	11.33	10.49
16	2.11	2.33	2.71	3.05	3.68	7.21	9.99	13.25	13.08	11.10	11.29	10.49
17	2.57	2.55	2.36	3.10	3.76	7.33	10.07	13.33	13.10	11.12	11.25	10.51
18	2.79	2.67	2.37	3.15	3.84	7.39	10.16	13.41	13.13	11.14	11.24	10.52
19	3.02	2.76	2.56	3.20	3.91	7.40	10.23	13.45	13.17	11.17	----	10.54
20	3.30	2.87	2.69	3.26	4.00	7.41	10.27	13.51	13.13	11.19	----	10.55
21	3.50	2.95	2.54	3.30	4.07	7.48	10.30	13.58	12.90	11.22	----	10.56
22	3.70	2.89	2.44	3.36	4.13	7.60	10.40	13.65	12.64	11.25	----	10.58
23	3.92	2.52	2.49	3.39	4.20	7.72	-----e	13.71	12.42	11.28	----	10.59
24	4.07	2.50	2.59	3.38	4.28	7.84	-----e	13.78	12.20	11.32	----	10.60
25	3.93	2.56	2.68	3.22	4.39	7.92	----	13.84	12.02	11.35	10.90	10.61
26	1.52	2.75	2.78	2.95	4.68	8.01	----	13.90	11.86	11.39	10.88	10.62
27	2.35	2.91	2.79	2.87	4.79	8.16	----	13.95	11.73	11.42	10.86	10.64
28	2.63	3.01	1.62	2.97	4.88	8.27	----	14.00	11.61	11.46	10.83	10.66
29	2.77	----	2.27	3.02	4.91	8.34	11.17	14.05	11.51	11.49	10.82	10.69
30	2.95	----	2.50	3.09	5.00	8.47	11.32	14.09	11.44	11.52	10.80	10.72
31	3.10	----	2.65	----	5.10	----	11.46	14.13	----	11.56	----	10.74

(Daily 2 A.M. water level from recorder graph, 1951)

1	10.77	10.08	3.29	2.87	3.17	5.25	8.53	10.33	13.01	14.15	14.61	----
2	10.79	10.09	2.95	2.90	3.21	5.42	8.60	10.43	13.08	14.18	14.59	----
3	10.77	10.12	2.79	2.93	3.25	5.61	8.69	10.52	13.12	14.21	14.58	----
4	10.71	10.13	2.76	2.96	3.29	5.70	8.77	10.62	13.17	14.25	14.57	----
5	10.65	10.16	2.82	3.01	3.33	5.76	8.83	10.74	13.24	14.28	14.56	----
6	10.57	10.18	2.88	3.05	3.40	5.92	8.91	10.87	13.28	14.33e	14.53	----
7	10.50	10.19	2.94	3.05	3.45	6.04	9.02	10.91	13.32	14.35e	14.51	----
8	10.45	10.19	3.02	2.77	3.48	6.14	9.13	10.97	13.37	14.37e	14.49	11.37
9	10.42	10.20	3.15	2.44	3.51	6.26	9.23	11.01	13.42	14.39e	14.47	11.34
10	10.40	10.21	3.26	2.35	3.56	6.34	9.24	11.03	13.49	14.41	----	11.31

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1951)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	10.38	10.23	3.34	2.35	e1.85	6.49	9.27	11.08	13.52e	14.43	----	11.28
12	10.37	10.23	3.40	2.16	2.09	6.68	9.31	11.13	13.57e	14.45	----	11.25
13	10.36	10.20	3.43	2.06	2.40	6.77	9.32	11.19	13.62	----	----	11.24
14	10.35	10.18	3.45	1.90	2.67	6.85	9.35	11.24	13.64	----	----	11.23
15	10.33	10.17	3.46	2.14	2.90	6.90	9.40	11.27	13.67	----	13.68	11.22
16	10.31	10.15	3.39	2.35	3.12	7.10	9.46	11.38	13.71	----	13.47	11.22
17	10.29	10.12	3.16	2.48	3.30	7.20	9.54	11.50	13.75	----	13.27	11.23
18	10.26	10.06	2.41	2.58	3.45	7.27	9.56	11.64	13.79	----	13.10	11.24
19	10.20	9.77	2.19	2.65	3.60	----	9.60	11.76	13.84	14.64	12.95	11.24
20	10.14	----	2.37	2.74	3.75	----	9.65	11.88	13.88	14.66	12.80	11.25
21	10.08	----	2.49	2.82	3.89	----	e9.71	11.99	13.93	14.67	12.68	11.25
22	10.05	----	2.57	2.86	4.06	----	e9.80	12.12	13.97	14.69	12.57	11.25
23	10.01	2.92	2.57	2.95	4.16	7.97	----	12.24	13.99	14.70	12.44	11.25
24	9.99	2.97	2.60	3.02	4.28	8.07	9.85	12.36	14.01	14.71	----	11.24
25	9.98	3.04	2.73	3.06	4.42	8.21	9.91	12.50	14.03	14.70	----	11.24
26	9.98	3.11	2.85	3.14	4.58	8.34	9.98	12.62	14.05	14.70	----	11.20
27	9.98	3.23	2.90	3.22	4.65	8.45	10.07	12.71	14.07	14.68	----	11.18
28	9.99	3.35	2.93	3.26	4.72	8.45	10.09	12.75	14.08	14.67	----	11.15
29	10.01	----	2.91	3.22	4.83	8.48	10.14	12.83	14.10	14.65	----	11.11
30	10.03	----	2.87	3.18	4.97	8.51	10.20	12.86	14.13	14.64	----	11.07
31	10.06	----	2.88	----	5.13	----	10.28	12.93	----	14.62	----	11.03

(Daily 2 A.M. water level from recorder graph, 1952)

1	10.98	10.21	9.82	4.50	3.22	6.33	10.09	----	----	14.06	14.41	----
2	10.96	10.20	9.84	4.53	3.32	6.46	10.20	13.25	----	14.09	14.41	----
3	10.92	10.19	9.86	4.54	----	6.63	10.31	13.34	----	14.12	14.41	----
4	10.90	10.14	9.87	4.57	----	6.76	10.34	13.42	----	14.14	14.41	----
5	----	9.82	9.89	----	----	6.92	10.44	13.48	----	14.17	14.41	----
6	----	9.66	9.91	----	----	7.10	10.55	13.54	13.98	14.21	14.40	----
7	----	9.58	9.93	----	----	7.33	10.67	13.60	13.98	14.24	14.40	----
8	----	9.50	9.94	----	----	7.52	10.81	13.66	13.99	14.26	14.39	----
9	----	9.47	9.95	----	----	7.69	10.82	13.72	14.00	14.28	14.38	----
10	----	9.45	9.96	----	4.49	----	10.89	13.77	14.03	14.30	14.38	----
11	h10.77	9.44	9.93	----	4.57	----	----	13.82	14.06	----	14.38	----
12	----	9.45	8.50	2.85	4.66	----	11.08	13.85	14.10	----	14.37	----
13	----	9.46	8.20	2.00	4.75	----	11.20	13.86	14.15	----	14.37	----
14	----	9.47	8.07	2.01	4.87	8.51	11.32	13.88	14.20	----	14.36	----
15	----	9.49	8.00	2.23	4.91	8.59	11.40	13.85	14.23	----	----	----
16	----	9.50	7.95	2.22	4.91	8.72	11.48	13.79	14.25	----	----	----
17	----	9.52	7.93	2.39	4.97	8.89	11.54	13.76	14.28	----	----	----
18	----	9.55	7.91	2.55	5.04	9.04	11.60	13.73	14.30	----	----	----
19	10.73	9.57	7.73	2.68	5.13	9.20	11.70	13.70	14.30	----	----	----
20	10.71	9.59	7.22	2.80	5.18	9.27	----	13.68	14.24	----	----	----

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1952)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
21	10.72	9.61	6.91	2.87	5.21	9.35	----	13.67	14.20	----	----	----
22	10.71	9.64	6.67	2.96	5.32	9.37	11.96	13.65	14.15	----	14.25	----
23	10.71	9.67	5.53	3.05	5.46	9.34	12.08	13.65	14.12	----	14.23	----
24	10.72	9.69	4.98	3.13	5.49	9.41	12.16	13.65	14.08	----	14.21	----
25	10.72	9.71	4.71	2.91	5.66	9.49	----	13.67	14.05	14.41	14.19	----
26	10.71	9.74	4.59	2.68	5.70	9.58	----	13.70	14.03	14.41	----	----
27	10.40	9.76	4.53	2.77	5.81	9.68	----	13.74	14.03	14.41	----	----
28	10.26	9.77	4.50	2.87	5.93	9.75	----	13.79	14.02	14.40	----	----
29	10.22	9.79	4.48	2.98	6.02	9.87	----	13.84	14.03	14.40	----	----
30	10.21	----	4.50	3.11	6.10	9.98	----	----	14.04	14.41	----	----
31	10.21	----	4.51	----	6.20	----	----	----	----	14.40	----	----

(Daily 2 A.M. water level from recorder graph, 1953)

1	----	----	11.60	7.30	4.73	4.66	10.71	12.64	----	15.96	----	16.65
2	----	----	11.60	6.59	4.72	----	10.78	12.77	----	15.99	----	16.65
3	----	----	11.60	6.23	4.73	----	10.86	12.89	----	16.01	----	16.65
4	----	----	10.60	6.01	4.75	----	10.98	13.02	----	16.05	----	16.65
5	----	----	10.20	5.84	4.77	h5.79	11.11	13.13	14.99	16.08	----	16.65
6	----	----	10.07	5.71	4.77	6.05	11.11	13.18	15.03	16.11	----	16.65
7	----	----	10.03	5.60	4.76	6.15	11.08	13.28	15.07	16.14	16.62	16.64
8	----	----	10.01	5.54	4.75	6.33	11.10	13.39	15.10	16.17	16.63	16.64
9	----	----	10.00	5.47	4.76	6.55	11.12	13.43	15.15	16.19	16.63	16.64
10	----	----	10.00	5.40	4.77	6.79	----	13.51	15.18	16.22	16.64	16.64
11	----	----	----	5.33	4.79	6.96	----	13.58	15.22	16.24	16.64	16.64
12	----	----	----	5.24	4.83	7.18	----	13.68	15.26	16.27	16.64	16.64
13	----	----	----	5.12	4.87	----	----	13.76	15.30	16.29	16.65	16.64
14	----	11.64	10.05	5.11	4.93	----	11.39	13.81	15.35	16.31	16.65	16.64
15	----	11.64	10.05	5.05	4.96	----	11.49	13.93	15.39	16.34	16.65	16.63
16	----	11.64	9.91	4.98	5.00	----	11.61	14.00	15.43	16.36	16.66	16.63
17	----	11.65	9.79	4.95	5.00	8.19	11.74	14.04	15.46	16.38	16.66	16.63
18	----	11.65	9.70	4.90	5.03	8.31	11.74	14.09	15.50	16.40	16.66	16.63
19	----	11.66	8.68	4.86	5.05	8.53	11.82	14.15	15.55	16.41	16.66	16.63
20	----	11.66	8.41	4.80	5.05	----	11.94	14.20	15.58	16.43	16.66	16.63
21	----	11.65	8.29	4.74	5.10	----	----	14.25	15.62	16.45	16.66	16.63
22	----	11.65	8.25	4.70	5.17	----	----	14.30	15.65	16.47	16.66	16.62
23	----	11.64	8.20	4.67	----	----	----	14.35	15.68	16.49	16.66	16.62
24	----	11.63	7.83	4.68	----	----	----	14.40	15.72	16.50	16.66	16.62
25	----	11.62	7.64	4.66	----	----	12.05	14.46	15.75	16.52	16.66	16.62
26	----	11.61	7.57	4.67	----	----	12.10	14.51	15.79	16.53	16.66	16.62
27	----	11.60	7.52	4.70	----	10.36	12.16	14.56	15.82	16.54	----	16.62
28	----	11.60	7.49	4.72	----	10.46	12.25	14.62	15.86	16.56	16.65	16.62
29	----	----	7.48	4.73	h3.91	10.51	12.34	----	15.89	16.57	16.65	16.62
30	----	----	7.50	4.73	4.13	10.60	12.46	----	15.92	16.57	16.65	16.61
31	----	----	7.50	----	4.40	----	12.57	----	----	----	----	16.61

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1954)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
1	16.61	16.26	15.69	14.86	13.22	13.11	14.35	15.54	16.32	17.10	16.12	15.54
2	16.59	16.23	15.66	14.83	13.21	13.07	14.42	15.57	16.36	17.11	16.07	15.53
3	16.59	16.19	15.63	14.80	13.13	13.04	14.49	15.59	16.39	17.12	16.03	15.51
4	16.59	16.16	-----	14.78	13.06	12.99	14.55	15.61	16.41	17.14	15.99	15.50
5	16.58	-----	-----	14.75	13.01	12.95	14.61	15.63	16.44	17.14	15.95	15.48
6	16.58	16.11	15.54	14.73	12.97	12.92	14.67	15.65	16.48	17.16	15.92	15.47
7	16.58	16.09	15.51	14.65	12.94	12.91	14.72	15.67	16.50	17.18	15.90	15.46
8	16.58	16.06	15.47	14.55	12.91	12.91	14.75	15.68	16.53	17.18	15.85	15.45
9	16.58	16.03	15.45	14.46	12.89	-----	14.79	15.70	16.56	17.20	15.82	15.43
10	16.58	16.01	15.42	14.37	12.87	-----	-----	15.73	16.59	17.21	15.79	15.41
11	16.58	15.99	15.39	14.29	12.86	-----	-----	15.75	16.62	17.21	15.76	15.49
12	16.58	-----	15.36	14.19	12.85	12.99	-----	15.77	16.65	17.20	15.74	15.48
13	16.58	15.96	15.33	14.10	12.84	13.04	-----	15.80	16.68	17.15	15.71	15.47
14	16.58	15.95	15.30	14.02	12.83	13.10	-----	15.82	16.71	17.09	15.69	15.46
15	16.57	15.93	15.28	13.94	12.82	13.15	-----	15.84	16.74	17.03	15.67	15.44
16	16.56	15.92	15.25	13.86	12.82	13.22	-----	15.86	16.76	16.97	15.65	15.44
17	16.56	15.90	15.23	13.77	12.81	13.26	-----	15.89	16.78	16.90	15.64	15.43
18	16.56	15.88	15.21	13.69	12.82	13.31	-----	15.91	16.82	16.83	15.63	15.41
19	16.56	15.87	15.18	13.63	12.82	13.36	-----	15.93	16.84	16.77	15.62	15.41
20	16.55	15.84	15.15	13.57	12.83	13.42	-----	15.95	16.87	16.72	15.60	15.40
21	16.55	15.82	15.13	13.52	12.84	13.49	-----	15.97	16.89	16.66	15.60	15.39
22	16.52	15.81	15.11	13.47	12.86	13.58	-----	16.00	16.91	16.60	15.59	15.39
23	16.51	15.79	15.09	13.42	12.88	13.66	-----	16.03	16.94	16.54	15.58	15.38
24	16.50	15.78	15.07	-----	12.91	13.73	-----	16.06	16.96	16.50	15.57	15.37
25	16.48	15.77	15.05	-----	12.94	13.83	-----	16.09	16.97	16.46	15.57	15.37
26	16.46	15.75	15.03	-----	12.97	13.93	-----	16.13	17.00	16.42	15.57	15.36
27	16.44	15.73	15.00	-----	12.99	14.02	15.41	16.16	17.02	16.37	15.57	15.35
28	16.41	15.72	14.97	-----	13.00	14.11	15.44	16.20	17.04	16.31	15.57	15.32
29	16.37	-----	14.95	-----	13.02	14.20	15.47	16.23	17.06	16.25	15.56	15.23
30	16.33	-----	14.92	-----	13.04	14.28	15.49	16.26	17.08	16.21	15.55	15.12
31	16.30	-----	14.89	-----	-----	-----	15.51	16.29	-----	16.17	-----	15.00

(Daily 2 A.M. water level from recorder graph, 1955)

1	14.90	13.46	13.09	12.66	12.24	-----	12.31	13.25	14.50	15.22	-----	11.73
2	14.79	13.46	13.04	12.64	12.23	-----	12.35	13.28	14.54	15.16	-----	11.72
3	14.70	13.47	12.99	12.63	12.23	-----	12.40	13.33	14.67	15.11	-----	11.71
4	14.58	13.49	12.93	12.63	12.22	12.58	12.45	13.36	14.71	15.07	-----	11.70
5	14.45	13.51	12.89	12.62	12.22	-----	12.50	13.41	14.74	15.02	-----	11.61
6	14.30	13.51	12.86	12.62	12.22	-----	12.54	13.46	14.78	14.91	-----	11.52
7	14.18	13.51	12.83	12.62	12.22	12.47	12.57	13.50	14.81	14.77	-----	11.45
8	14.06	13.51	12.81	12.63	12.23	12.46	12.60	13.55	14.85	14.58	-----	11.41
9	13.97	13.50	12.79	12.63	12.24	12.42	-----	13.60	14.88	14.35	-----	11.39
10	13.88	13.49	12.78	12.64	12.25	12.37	-----	13.65	14.93	14.18	12.31	11.37

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1955)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	13.82	13.47	12.75	12.65	12.26	12.29	----	13.66	14.96	14.03	12.28	11.37
12	13.75	13.46	12.75	12.65	12.27	12.22	----	13.71	----	13.91	12.25	11.35
13	13.69	13.46	12.75	12.65	12.28	12.13	12.83	13.75	----	13.77	12.24	11.35
14	13.65	13.46	12.75	12.64	12.29	12.07	12.90	13.80	----	13.65	12.23	11.34
15	13.58	13.44	12.74	12.62	12.30	12.04	12.92	13.83	----	13.55	12.21	11.33
16	13.55	13.43	12.74	12.58	12.32	12.02	12.93	13.88	----	13.45	12.18	11.33
17	13.52	13.41	12.74	12.52	12.34	12.01	12.95	13.90	15.15	13.30	12.08	11.33
18	13.50	13.40	12.74	12.49	12.36	12.00	12.97	13.95	15.19	13.27	12.01	11.33
19	13.48	13.37	12.73	12.45	12.39	12.02	12.98	14.00	15.22	13.19	11.98	11.33
20	13.46	13.35	12.74	12.42	12.42	12.02	13.00	----	15.25	13.13	11.95	11.33
21	13.45	13.33	12.74	12.40	12.46	12.03	13.03	----	15.28	13.08	11.92	11.33
22	13.43	13.29	12.73	12.40	12.50	12.05	13.07	----	15.30	13.03	11.90	11.33
23	13.42	13.27	12.73	12.38	12.51	12.07	13.09	----	15.32	12.98	11.86	11.33
24	13.42	13.24	12.73	12.37	12.54	12.09	13.10	----	15.33	12.94	11.84	11.33
25	13.42	13.22	12.73	12.36	12.53	12.11	13.10	----	15.34	12.90	11.81	11.33
26	13.42	13.21	12.72	12.36	12.52	12.13	13.10	----	15.36	12.86	11.79	11.33
27	13.42	13.18	12.71	12.34	12.53	12.16	13.12	----	15.37	12.82	11.76	11.33
28	13.43	13.13	12.70	12.31	12.56	12.20	13.14	----	15.38	12.79	11.74	11.33
29	13.43	----	12.69	12.28	----	12.23	13.17	----	15.38	12.76	11.73	11.33
30	13.43	----	12.69	12.26	----	12.27	13.20	----	15.28	12.71	11.73	11.33
31	13.45	----	12.68	----	----	----	12.23	14.56	----	12.69	----	11.32

(Daily 2 A.M. water level from recorder graph, 1956)

1	11.32	12.26	3.85	4.29	4.23	----	5.12	6.34	8.19	9.20	9.95	----
2	11.31	12.25	3.71	4.34	4.10	1.78	5.19	6.38	8.22	9.23	9.94	----
3	11.31	12.25	3.71	3.73	3.93	1.92	5.26	6.43	8.25	9.26	9.97	----
4	11.30	12.24	3.80	3.28	3.94	2.07	5.30	6.49	8.29	9.28	9.99	----
5	11.29	12.23	3.81	3.52	3.89	2.26	5.28	6.53	8.33	9.31	10.00	----
6	----	12.22	3.81	3.59	3.95	2.46	5.31	6.58	8.36	9.34	10.02	----
7	----	12.20	3.83	3.64	4.06	2.64	5.35	6.63	8.40	9.36	10.03	----
8	----	12.19	3.46	3.38	4.20	2.80	5.38	6.68	8.46	9.39	10.05	----
9	----	12.14	3.38	3.52	4.29	2.95	5.40	----	8.48	9.42	10.06	----
10	----	12.07	3.45	3.57	4.37	3.14	5.44	----	8.52	9.45	10.08	----
11	----	11.99	3.51	3.63	4.48	3.34	5.49	----	8.55	9.48	10.09	----
12	----	11.89	3.67	3.78	4.58	3.50	5.52	----	8.58	9.51	10.10	----
13	----	11.82	3.78	3.83	4.69	3.65	5.54	----	8.61	9.53	10.12	----
14	----	11.73	3.83	3.90	4.80	3.79	----	----	8.65	9.55	10.13	10.58
15	----	11.74	3.76	3.94	4.96	3.92	----	7.56	8.70	9.58	10.15	----
16	----	11.51	3.60	4.03	5.05	4.05	----	7.61	8.72	9.60	10.16	----
17	----	11.30	3.49	4.17	5.14	4.16	----	7.64	8.75	9.62	10.18	----
18	12.29	10.60	3.39	4.26	5.24	4.27	----	7.67	8.79	9.64	10.19	----
19	12.29	9.88	3.40	4.38	5.33	4.38	----	7.70	8.82	9.67	10.21	----
20	12.28	9.42	3.51	4.47	5.46	4.45	----	7.75	8.85	9.70	10.22	----

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 4--Cont.

(Daily 2 A.M. water level from recorder graph, 1956)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	12.28	9.09	3.61	4.55	5.55	4.52	5.82	7.79	8.89	9.72	10.23	----
22	12.28	8.81	3.69	4.60	5.63	4.60	5.86	7.83	8.91	9.74	10.25	----
23	12.28	8.56	3.78	4.70	5.73	4.58	5.92	7.86	8.96	9.76	10.27	----
24	12.28	8.34	3.84	4.80	5.84	4.65	5.95	7.91	8.99	9.78	10.30	----
25	12.28	7.58	3.88	4.96	5.94	4.72	6.00	7.95	9.02	9.80	10.31	----
26	12.28	5.28	3.86	4.95	6.03	4.79	6.04	7.99	9.05	9.82	10.33	----
27	12.28	4.60	3.92	5.00	6.05	4.85	6.10	8.00	----	9.84	10.35	----
28	12.28	4.22	2.97	5.03	----	4.92	6.15	----	----	9.86	10.36	----
29	12.28	4.00	4.04	5.04	----	4.99	6.21	----	9.15	9.88	10.38	----
30	12.26	----	4.12	4.51	----	5.07	6.25	8.13	9.17	9.90	10.39	----
31	12.26	----	4.21	----	----	----	6.30	8.16	----	9.91	----	----

(Daily 2 A.M. water level from recorder graph, 1957)

1	----	10.62	----	7.13	3.02	1.88	----	5.25	----	7.59	----	----
2	----	10.62	9.20	6.75	3.11	2.05	----	5.32	6.51	----	----	----
3	----	10.62	9.13	6.15	----	2.32	----	5.27	6.54	----	----	----
4	----	10.62	9.06	----	3.22	2.52	----	5.20	6.60	----	----	----
5	----	10.91	8.96	----	3.31	----	----	5.13	6.65	----	----	----
6	----	10.91	8.91	----	3.40	2.94	----	5.12	6.69	----	----	----
7	----	10.91	8.83	----	3.49	3.08	----	5.12	----	----	----	----
8	----	10.90	8.80	----	3.56	3.23	----	5.15	6.79	----	----	----
9	----	10.57	8.76	----	3.63	3.34	----	5.20	6.83	----	----	----
10	----	10.53	8.73	----	3.71	3.44	----	5.26	6.87	----	----	----
11	----	10.51	8.67	----	3.81	3.54	----	5.32	6.92	----	----	----
12	10.79	----	8.63	----	3.90	3.65	----	5.35	6.96	----	----	----
13	10.80	----	8.60	----	3.90	3.64	3.87	5.42	6.98	----	----	----
14	10.81	----	8.56	----	3.67	----	3.94	5.47	7.03	----	----	----
15	10.81	----	8.53	----	3.53	2.22	4.00	5.55	7.06	----	----	----
16	----	10.29	8.49	2.77	3.49	2.74	4.08	5.62	7.10	----	----	----
17	----	10.28	8.45	2.84	3.47	2.83	4.16	5.70	7.15	----	----	----
18	----	10.27	8.40	2.68	3.38	2.83	4.22	5.76	7.20	----	----	----
19	10.87	10.24	8.33	2.66	3.26	2.81	4.30	5.82	7.25	----	----	----
20	10.87	10.23	8.29	2.67	----	2.83	4.41	5.89	7.26	----	----	----
21	10.87	10.22	8.22	----	----	2.83	4.49	5.95	7.24	----	----	----
22	10.87	10.22	8.13	----	----	3.03	4.58	6.02	7.27	----	----	----
23	10.81	----	8.09	----	----	3.24	4.64	6.08	7.30	----	----	----
24	10.77	----	8.03	----	----	3.43	4.72	6.14	7.34	----	----	----
25	10.72	----	7.94	----	----	3.53	4.80	6.13	7.38	----	----	----
26	10.69	----	7.86	2.73	----	3.66	4.87	6.18	7.42	----	----	----
27	10.68	----	8.79	2.75	----	3.78	4.95	6.23	7.46	----	----	----
28	10.68	----	7.67	2.82	----	----	5.01	6.29	7.50	----	----	----
29	10.65	----	7.54	2.89	----	----	5.06	6.32	7.53	----	----	----
30	10.64	----	7.44	2.95	2.86	----	5.12	6.37	7.57	----	----	----
31	10.63	----	----	----	3.00	----	5.18	6.43	----	----	----	----

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 5. (19/4W-32L13). Indiana Gas and Water Co., Inc. Crawfordsville. Drilled unused artesian well in sand and gravel, diameter 6 inches, depth 44.7 feet. Land-surface datum is 685.6 feet above msl. Recording gage installed Sept. 16, 1958. Highest water level is 4.75 above lsd, Nov. 27, 1958; lowest, 6.6 below lsd, Sept. 8, 9, 1960. Records available 1958 to 1960.

(Daily highest water level from recorder graph, 1958)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 17	+3.80	Oct. 8	+4.10	Oct. 31	+4.10	Nov. 21	+4.05
18	+4.05	9	+3.70	Nov. 1	+4.10	22	+4.05
19	+4.10	10	+3.70	2	+4.05	23	+4.60
20	+4.25	11	+3.95	3	+4.55	24	+4.55
21	+3.95	13	+4.30	4	+4.05	25	+4.20
22	+4.45	15	+3.10	5	+3.80	26	+4.25
23	+4.40	16	+3.20	6	+3.75	27	+4.75
24	+3.80	17	+3.05	7	+3.85	28	+4.65
25	+3.90	18	+3.00	8	+3.65	29	+4.25
26	+3.75	19	+3.85	9	+3.95	Dec. 2	+4.15
27	+3.50	20	+4.35	10	+4.30	3	+4.20
28	+3.80	21	+3.65	11	+3.85	4	+4.05
29	+4.50	22	+3.60	12	+3.80	5	+4.30
30	+3.90	23	+3.85	13	+3.95	24	+4.00
Oct. 1	+3.80	24	+3.40	14	+3.85	25	+4.25
2	+4.05	25	+3.90	15	+3.80	26	+4.20
3	+3.70	26	+4.40	16	+4.55	27	+4.25
4	+4.05	27	+4.60	17	+4.55	28	+4.40
5	+4.40	28	+4.00	18	+4.20	29	+4.50
6	+4.50	29	+3.90	19	+4.20	30	+4.15
7	+4.20	30	+3.85	20	+4.10	31	+3.90

(Daily highest water level from recorder graph, 1959)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
1	+3.95	----	----	+3.50	+3.15	+3.50	+0.85	+0.65	-0.60	-0.45	+0.55	+0.55
2	+4.35	----	----	+3.75	+3.50	3.15	+1.20	+1.50	-0.15	-0.35	+1.15	+0.20
3	+4.30	----	----	+3.90	+3.80	+2.85	+1.35	+1.70	-0.15	-0.20	+0.35	-0.20
4	----	----	----	+3.95	+3.00	+2.45	+1.45	+1.35	-0.50	+0.20	+0.25	-0.35
5	----	----	----	+4.05	+2.50	+2.50	+1.80	+1.00	-0.25	+0.60	-0.05	0.00
6	----	----	----	+4.40	+2.40	+2.50	+2.15	+0.95	+0.20	0.00	-0.10	+0.15
7	----	----	----	+3.90	+2.15	+2.15	+0.90	+0.50	+0.55	-0.20	-0.15	+0.65
8	----	----	----	+3.60	+2.60	----	+0.25	+0.65	+0.50	-0.40	+0.15	+0.20
9	----	----	----	+3.80	+3.05	+1.55	-0.10	+1.10	-0.65	-0.10	+0.75	-0.05
10	----	----	----	+3.95	+3.30	+1.65	-0.40	+1.60	-1.40	+0.10	+0.30	-0.35
11	----	----	----	+3.75	+3.90	+2.40	-0.30	+0.95	-0.60	+0.70	+0.25	-0.15
12	----	----	----	+4.15	+3.65	+2.45	+0.55	+0.10	-0.05	+1.10	+0.25	+0.35
13	----	----	+4.00	+4.35	+3.35	+2.70	+1.05	-0.05	+0.45	+0.60	+0.35	+0.40
14	----	----	+4.20	+3.65	+3.35	+3.20	+0.20	-0.15	+0.90	+0.65	+0.60	+1.00

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 5--Cont.

(Daily highest water level from recorder graph, 1959)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
15	3.85	-----	+4.35	+3.50	+3.40	+3.50	-0.70	-0.70	+0.35	0.00	+0.85	+0.40
16	-----	+4.04	+4.60	+3.55	+3.65	+3.15	-1.30	0.00	+0.05	+0.15	+1.25	+0.35
17	-----	-----	+3.90	+3.40	+3.65	+2.75	-1.65	-0.05	+0.20	+0.10	+0.80	-0.15
18	-----	-----	+3.80	+3.70	+4.10	+2.50	-0.25	-0.25	+0.25	+0.35	+0.55	-0.30
19	-----	-----	+4.05	+4.15	+3.75	+2.65	+0.85	-0.55	+0.25	+0.95	-0.10	0.00
20	-----	-----	+4.05	+4.30	+2.95	+2.35	+1.40	-0.75	+0.65	+0.45	+0.20	+0.20
21	-----	-----	+4.05	+3.85	+3.25	+2.80	+1.40	-1.05	+1.10	+0.35	+0.45	+0.75
22	-----	-----	+4.10	+3.75	+3.00	+2.85	+1.15	-0.60	-0.05	+0.20	+0.50	+0.50
23	-----	-----	+4.40	+4.60	+2.85	+2.15	+1.15	0.00	-1.15	+0.05	+0.85	+0.30
24	-----	-----	+4.00	+3.50	+3.40	+1.50	+1.40	+0.20	-1.65	+0.30	+0.25	-0.15
25	-----	-----	+3.75	+3.55	+3.85	+1.75	+1.15	-0.95	-1.95	+0.65	+0.25	+0.55
26	-----	-----	+3.50	+4.20	+3.05	+1.85	+1.85	-1.80	-1.50	+1.00	+0.50	+1.35
27	-----	-----	+3.60	+4.00	+3.10	+1.45	+2.40	-2.15	-0.25	+0.60	+1.10	+1.15
28	-----	-----	+3.70	+3.75	+2.85	+1.60	+1.75	-1.95	+0.30	-0.50	+0.95	+1.25
29	-----	-----	+3.95	+3.70	+2.45	+1.75	+1.50	-2.20	-----	0.30	+0.75	+0.50
30	-----	-----	+4.50	+3.25	+2.75	+1.30	+0.85	-0.95	-----	0.35	+1.15	+0.20
31	-----	-----	+4.10	-----	+3.50	-----	+0.75	+0.20	-----	0.00	-----	-0.20

(Daily highest water level from recorder graph, 1960)

1	+0.25	+2.55	+1.75	+0.50	+2.1	+0.1	0.6	+0.2	-3.9	-1.2	-0.9	-1.0
2	+1.05	+1.60	+2.05	+1.00	+2.2	0.0	0.3	-2.7	4.4	0.4	1.6	1.0
3	+0.75	+1.25	+1.00	+0.95	+0.8	+0.5	+1.1	3.7	4.0	+0.3	1.4	0.5
4	+0.85	+1.15	+1.00	+1.90	+1.0	+0.4	+1.3	2.1	2.4	-0.9	1.3	0.0
5	+0.10	+1.70	+1.65	+0.05	+0.9	+1.5	+1.5	2.1	1.0	1.9	1.1	+0.7
6	+0.05	+1.95	+1.40	-1.35	+0.8	+1.5	+0.4	2.8	1.7	2.2	0.2	-0.3
7	-0.60	+1.25	+2.45	0.25	+1.5	+0.5	+0.4	0.7	4.8	2.7	+0.7	0.1
8	0.70	+1.85	+1.65	0.80	+2.0	+0.5	+0.5	+0.3	4.8	2.9	-0.3	0.5
9	1.05	+2.20	+1.50	0.45	+2.4	0.7	+0.4	2.8	5.1	0.8	0.8	0.2
10	0.50	+2.05	+1.25	+0.75	+0.2	0.3	+1.4	2.2	3.0	+0.2	0.2	+0.2
11	+0.15	+1.80	+1.10	+1.85	+0.5	-----	+1.2	1.6	1.1	-2.3	0.0	+0.5
12	0.30	+1.80	+0.80	+0.50	-0.1	-----	-0.3	2.2	+0.1	2.5	0.0	+0.6
13	+0.80	+2.10	+1.05	-1.45	+0.3	-----	0.2	1.8	-1.3	2.0	+0.8	-0.5
14	+0.55	+2.15	+1.90	-0.8	+0.5	-----	+0.3	0.4	1.7	2.4	+0.9	0.1
15	+1.30	+2.50	+1.45	1.4	+1.5	-----	+0.4	+0.6	1.1	2.5	-0.3	0.7
16	+2.20	+2.15	+1.45	0.6	+1.7	-----	+0.7	2.0	1.3	0.7	0.3	0.3
17	+1.50	+2.00	+0.80	+1.5	+0.9	+0.4	+1.3	2.3	2.5	0.2	0.6	0.0
18	+2.55	+2.00	+1.40	+1.7	+0.8	+0.9	-----	2.7	0.6	3.1	0.1	+0.2
19	+1.75	+2.10	+1.15	+1.7	+0.6	+1.1	-----	3.7	+0.3	1.9	+0.1	+0.4
20	+2.05	+1.64	+1.00	+2.2	+0.5	+1.4	-----	1.6	-1.5	1.3	+0.7	-0.3
21	+1.85	+2.35	+2.05	+2.6	+0.6	-0.8	-0.8	0.5	1.6	1.6	+1.0	0.2
22	+2.20	+2.60	+1.05	-0.7	+1.5	0.5	1.0	+0.3	1.2	1.1	-0.1	0.3
23	+2.20	+1.95	+1.20	+1.3	+2.1	0.9	2.1	-2.7	1.9	0.8	0.1	-----

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 5--Cont.

(Daily highest water level from recorder graph, 1960)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
24	+1.50	+2.05	+0.75	+1.7	+0.7	+0.1	1.4	2.4	2.0	+0.3	+0.1	----
25	2.75	+1.85	+0.85	+2.3	-0.1	+0.5	0.4	2.3	0.5	-1.4	+0.6	----
26	+1.50	+1.85	+1.35	-0.4	+0.4	+0.5	2.9	3.2	+0.2	2.2	+0.5	----
27	+2.05	+2.25	+1.15	0.4	+0.4	+1.7	1.9	3.0	-1.6	2.0	+0.4	----
28	+1.60	+2.05	+2.30	+0.8	+1.0	+0.1	1.9	1.2	1.8	1.9	+0.9	----
29	+1.75	+2.80	+0.85	+0.9	+1.6	0.0	2.2	1.0	1.5	2.0	-0.5	-0.7
30	+2.00	----	+0.55	+1.5	+2.2	-0.7	1.6	3.1	1.8	0.6	0.3	0.4
31	+0.95	----	+0.50	----	+2.0	----	1.1	2.9	----	+0.1	----	+0.1

Montgomery 6. (17/3W-18K2). Town of Ladoga. Ladoga. Drilled unused artesian well in siltstone, diameter 12 inches, depth 180 feet. Land-surface datum is about 820 feet above msl. Recording gage installed Dec. 1, 1959. Highest water level is 25.79 below lsd, June 23, 24, 1960; lowest, 29.58 below lsd, Nov. 7, 1960. Records available 1959 to 1960.

(Daily highest water level from recorder graph, 1959)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 1	28.53	Dec. 26	28.12	Dec. 28	27.98	Dec. 30	27.98
24	28.13	27	28.00	29	27.98	31	28.00
25	28.13						

(Daily highest water level from recorder graph, 1960)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	27.92	----	27.37	26.42	26.70	26.67	26.22	27.02	28.00	28.87	29.39	29.44
2	27.86	----	27.19	26.44	26.68	26.65	26.28	27.06	28.05	28.87	29.43	29.40
3	27.88	----	27.17	26.48	26.69	26.73	26.29	26.92	28.10	28.97	29.52	29.41
4	27.87	----	27.41	----	26.70	26.79	26.44	26.90	28.13	28.98	29.47	29.43
5	27.85	----	27.47	----	26.71	26.85	26.53	26.96	28.15	28.96	29.45	29.43
6	27.83	----	----	----	26.63	26.94	26.63	27.03	28.22	29.01	29.43	29.30
7	27.82	----	----	----	26.62	26.99	26.69	27.06	28.26	29.06	29.53	29.23
8	27.90	----	27.10	----	26.61	27.04	26.73	27.13	28.29	29.07	29.50	29.23
9	27.89	----	27.06	----	26.62	27.10	26.78	27.19	28.33	29.10	29.49	29.22
10	27.91	----	27.16	----	----	27.14	26.77	27.23	28.37	29.15	29.51	29.23
11	27.90	----	27.20	----	----	27.17	26.80	27.32	28.38	29.15	29.47	29.19
12	27.74	----	27.28	----	26.68	27.19	26.87	27.35	28.40	29.18	29.49	29.27
13	27.69	----	27.31	----	26.67	27.20	25.85	27.37	28.44	29.19	29.52	29.21
14	27.41	----	27.30	26.79	26.68	27.20	25.84	27.42	28.50	29.21	29.51	29.20
15	27.41	----	27.15	26.80	26.75	----	25.87	27.47	28.53	29.24	29.40	29.21

Table 9.--Water levels in observation wells in Montgomery County--Cont.

Montgomery 6--Cont.

(Daily highest water level from recorder graph, 1960)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
16	27.35	----	27.09	26.73	26.72	27.28	25.90	27.51	28.57	29.25	29.41	29.27
17	27.30	26.68	27.20	26.72	26.72	27.33	25.94	27.53	28.59	29.25	29.35	29.30
18	27.30	26.75	27.18	26.90	26.84	27.43	26.00	27.56	28.62	27.28	29.35	29.33
19	27.31	26.84	27.15	26.83	26.81	27.42	26.10	27.59	28.60	29.28	29.45	29.33
20	27.33	26.91	27.10	26.76	26.81	27.46	26.22	27.61	28.63	29.30	29.44	29.29
21	27.34	26.79	26.87	26.78	26.81	27.29	26.32	27.66	28.63	29.31	29.45	----
22	----	26.93	26.87	26.91	26.81	27.15	26.35	27.70	28.65	29.27	29.46	----
23	----	27.00	26.85	26.93	26.84	25.79	26.42	27.76	28.68	29.29	29.52	----
24	----	27.02	26.84	26.93	26.85	25.79	26.47	27.82	28.70	29.38	29.47	----
25	----	26.89	26.83	26.96	26.89	25.93	26.55	27.86	28.75	29.38	29.48	----
26	----	27.10	26.83	27.04	26.78	26.01	26.58	27.89	28.78	29.34	29.51	----
27	----	27.24	26.60	27.09	26.76	26.06	26.65	27.93	28.79	29.37	29.52	----
28	----	27.21	26.46	27.01	26.78	26.07	26.71	27.96	28.79	29.39	29.42	----
29	----	27.25	26.32	26.96	26.79	26.12	26.77	28.01	28.82	29.39	29.40	29.37
30	----	----	26.30	26.81	26.73	26.21	26.79	27.97	28.85	29.35	29.40	29.38
31	----	----	26.44	----	26.70	----	26.96	27.97	----	29.33	----	29.37

PUBLICATIONS OF COOPERATIVE GROUND-WATER PROGRAM

Report

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Bulletins

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- 2 A preliminary report of the ground-water levels of the State based on records of twenty-six observation wells for which long time records are available. Indiana Department of Conservation, Division of Water Resources. 1946 (Out of print).
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- 4 Ground-water resources of Boone County, Indiana. E. A. Brown. Indiana Department of Conservation, Division of Water Resources. 1949.
- 5 Ground-water resources of Noble County, Indiana. R. W. Stallman and F. H. Klaer, Jr. Indiana Department of Conservation, Division of Water Resources. 1950.
- 7 Water-level records of Indiana. Indiana Department of Conservation, Division of Water Resources. 1956.
- 8 Ground-water resources of Tippecanoe County, Indiana. Appendix, Basic Data. J. S. Rosenshein and O. J. Cosner. Indiana Department of Conservation, Division of Water Resources. 1956.
- 8 Ground-water resources of Tippecanoe County, Indiana. J. S. Rosenshein. Indiana Department of Conservation, Division of Water Resources. 1958 (1959).
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- 11 Ground-water resources of west-central Indiana. Preliminary Report: Greene County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1961.

Publications of cooperative ground-water programs--Continued

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Publications of cooperative ground-water programs--Continued

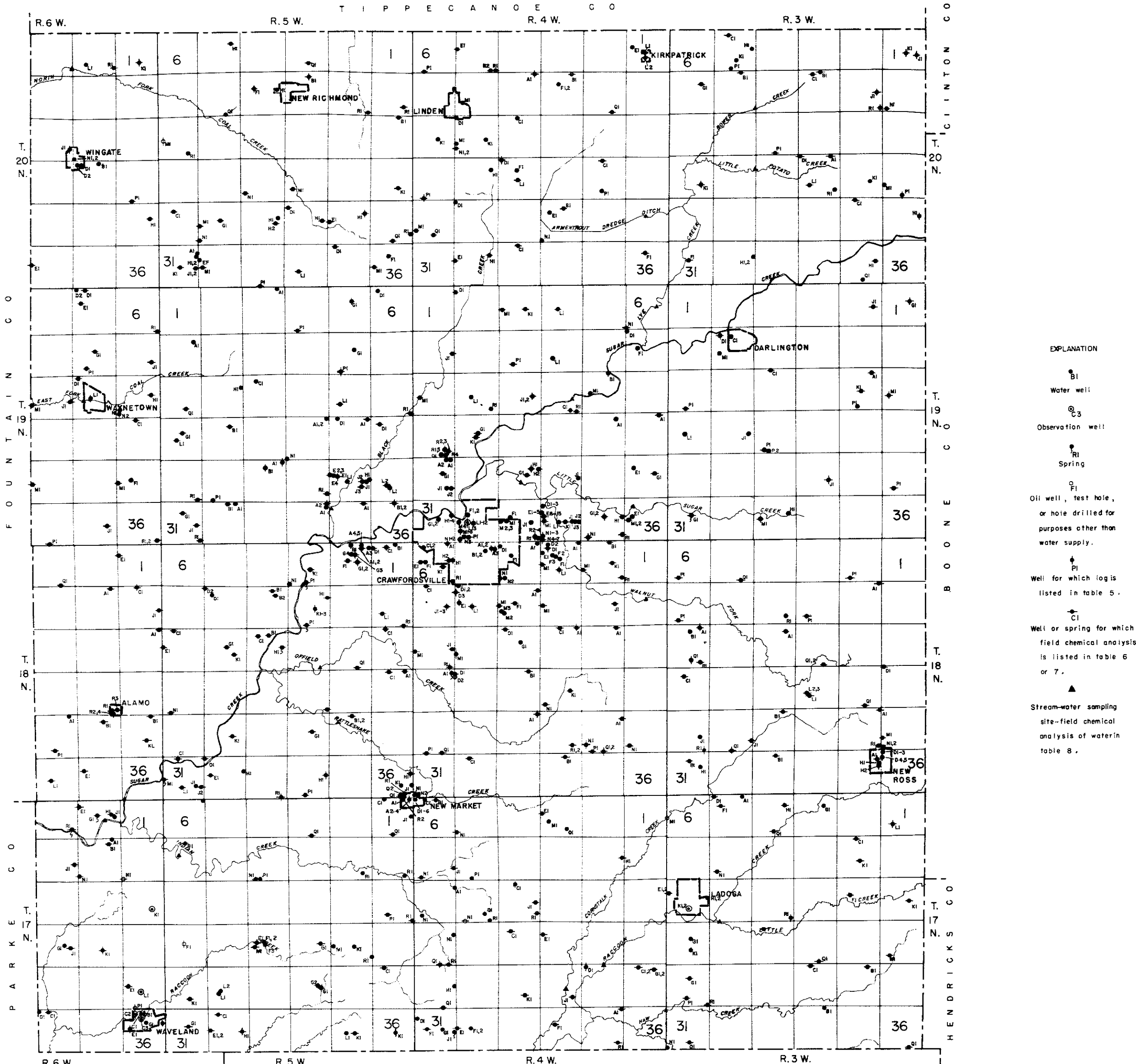
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- 27 Ground-water resources of west-central Indiana. Preliminary Report: Montgomery County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1965.

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T I P P E C A N O E C O



- EXPLANATION
- B1
Water well
 - C3
Observation well
 - R1
Spring
 - F1
Oil well, test hole,
or hole drilled for
purposes other than
water supply.
 - ◆ P1
Well for which logs
listed in table 5.
 - ◆ C1
Well or spring for which
field chemical analysis
is listed in table 6
or 7.
 - ▲
Stream-water sampling
site—field chemical
analysis of water in
table 8.

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

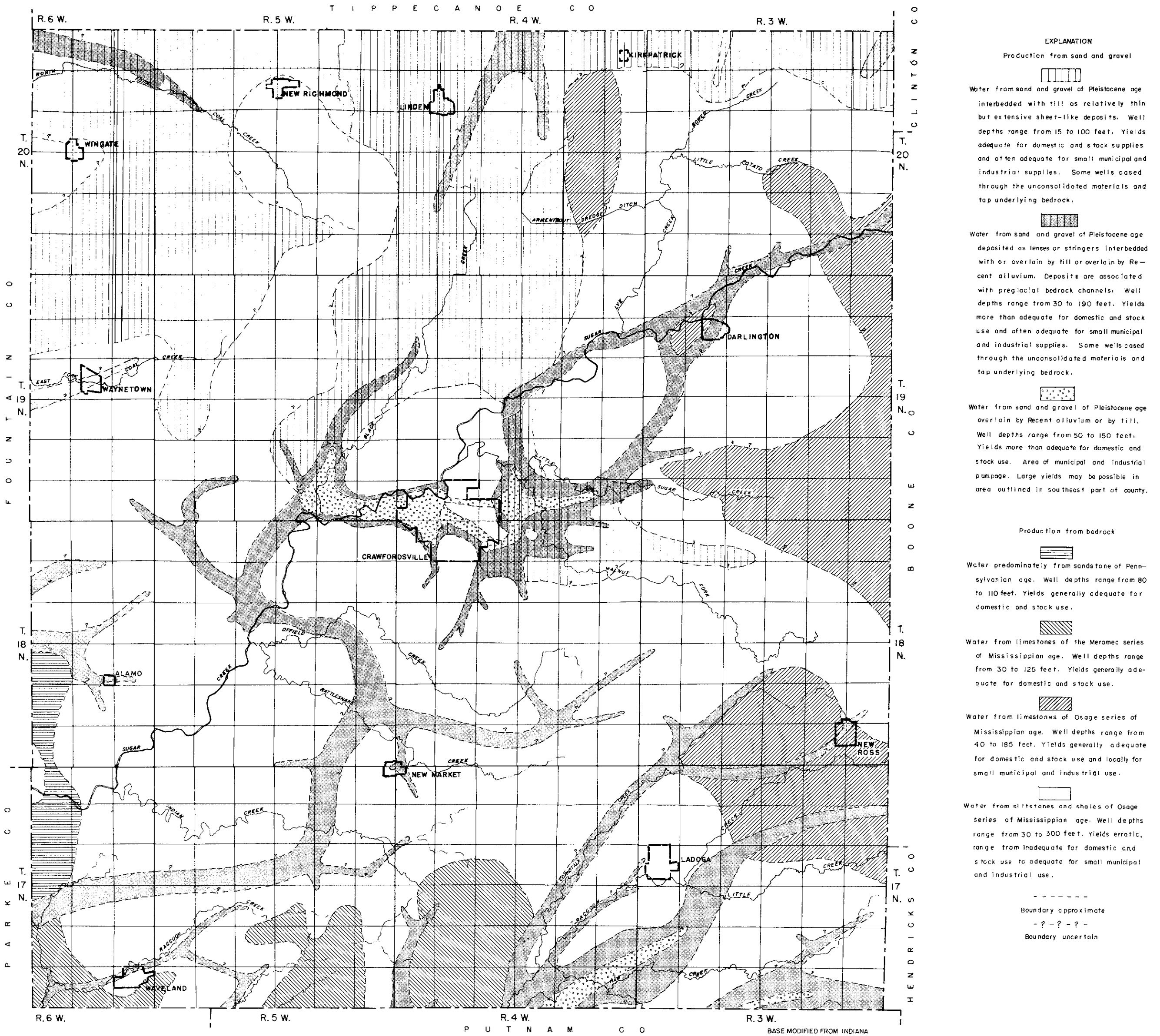
SECTION LETTER
SYMBOLS IN WELL
NUMBERING SYSTEM

MAP OF MONTGOMERY COUNTY, INDIANA, SHOWING
LOCATIONS OF WELLS AND SPRINGS



BY FA. WATKINS, JR. AND O.G. JORDAN

BASE MODIFIED FROM INDIANA
DEPARTMENT OF CONSERVATION
GEOLOGICAL SURVEY, BASE MAP
OF MONTGOMERY COUNTY, NO. 54
SEPTEMBER 25, 1953



- EXPLANATION**
- Production from sand and gravel
- Water from sand and gravel of Pleistocene age interbedded with till as relatively thin but extensive sheet-like deposits. Well depths range from 15 to 100 feet. Yields adequate for domestic and stock supplies and often adequate for small municipal and industrial supplies. Some wells cased through the unconsolidated materials and tap underlying bedrock.
 - Water from sand and gravel of Pleistocene age deposited as lenses or stringers interbedded with or overlain by till or overlain by Recent alluvium. Deposits are associated with preglacial bedrock channels. Well depths range from 30 to 190 feet. Yields more than adequate for domestic and stock use and often adequate for small municipal and industrial supplies. Some wells cased through the unconsolidated materials and tap underlying bedrock.
 - Water from sand and gravel of Pleistocene age overlain by Recent alluvium or by till. Well depths range from 50 to 150 feet. Yields more than adequate for domestic and stock use. Area of municipal and industrial pumpage. Large yields may be possible in area outlined in southeast part of county.
- Production from bedrock
- Water predominately from sandstone of Pennsylvanian age. Well depths range from 80 to 110 feet. Yields generally adequate for domestic and stock use.
 - Water from limestones of the Meramec series of Mississippian age. Well depths range from 30 to 125 feet. Yields generally adequate for domestic and stock use.
 - Water from limestones of Osage series of Mississippian age. Well depths range from 40 to 185 feet. Yields generally adequate for domestic and stock use and locally for small municipal and industrial use.
 - Water from siltstones and shales of Osage series of Mississippian age. Well depths range from 30 to 300 feet. Yields erratic, range from inadequate for domestic and stock use to adequate for small municipal and industrial use.
- Boundary approximate
- ? - ? - ? - Boundary uncertain

MAP OF MONTGOMERY COUNTY, INDIANA, SHOWING

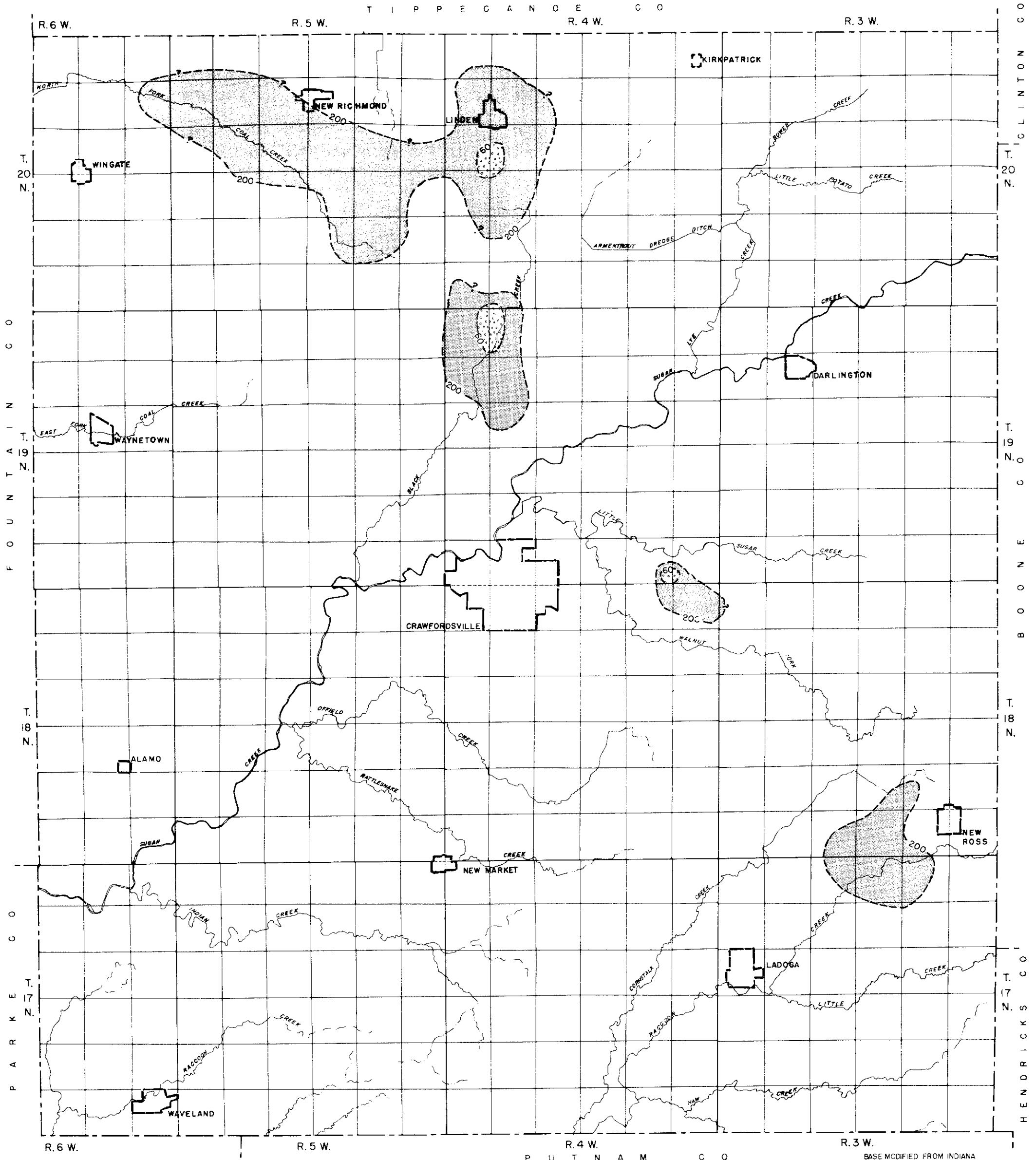
AVAILABILITY OF GROUND WATER

BASE MODIFIED FROM INDIANA
DEPARTMENT OF CONSERVATION
GEOLOGICAL SURVEY, BASE MAP
OF MONTGOMERY COUNTY, NO. 54
SEPTEMBER 25, 1953

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP





MAP OF MONTGOMERY COUNTY, INDIANA, SHOWING

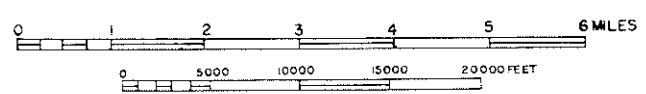
HARDNESS OF GROUND WATER

BASE MODIFIED FROM INDIANA
DEPARTMENT OF CONSERVATION
GEOLOGICAL SURVEY, BASE MAP
OF MONTGOMERY COUNTY, NO. 54
SEPTEMBER 25, 1953

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP

- EXPLANATION
- Hardness 0 to 60 ppm
 - Hardness 61 to 200 ppm
 - Hardness more than 200 ppm
 - Boundary approximate
 - Boundary uncertain



BY F. A. WATKINS, JR. AND D. G. JORDAN
1962