

WASHINGTON COUNTY

400233080261301. Local number, WS 155.

LOCATION.--Lat 40°02'33", long 80°26'13", Hydrologic Unit 05030106, at State Game Land Number 245, near Good Intent.
 Owner: U.S. Geological Survey.

AQUIFER.--Washington Formation of Early Permian age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 160 ft, cased to 19 ft, open hole.

INSTRUMENTATION.--Digital data logger recorder with 15-minute recording interval.

DATUM.--Elevation of land-surface datum is 1,110 ft above sea level, from topographic map. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1987, are available from the District Office.

PERIOD OF RECORD.--July 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above. Highest water level, 32.25 ft below land-surface datum, Jan. 14, 1974; lowest, 39.01 ft below land-surface datum, July 11, 1971.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.48	36.52	36.60	36.59	35.83	35.86	36.15	35.99	36.21	36.96	36.98	36.90
2	36.52	36.50	36.58	36.52	35.37	35.89	36.19	36.04	36.23	36.95	36.90	36.94
3	36.52	36.47	36.50	36.22	35.50	35.71	36.20	36.06	36.34	36.78	36.86	36.98
4	36.47	36.51	36.53	36.13	35.81	35.92	36.16	35.99	36.38	36.74	36.81	37.04
5	36.45	36.51	36.54	36.14	35.83	35.94	36.26	35.94	36.42	36.72	36.80	37.05
6	36.45	36.60	36.53	36.18	35.74	35.76	36.26	35.93	36.45	36.71	36.84	37.08
7	36.44	36.60	36.58	36.26	35.72	35.49	36.33	36.07	36.46	36.73	36.88	37.11
8	36.38	36.60	36.60	36.22	35.63	35.12	36.28	36.19	36.47	36.76	36.84	37.12
9	36.36	36.57	36.67	35.94	35.64	35.10	36.15	36.30	36.53	36.79	36.82	37.15
10	36.36	36.50	36.66	35.50	35.76	35.12	35.72	36.36	36.59	36.79	36.77	37.20
11	36.40	36.56	36.67	35.50	35.77	35.44	35.44	36.37	36.62	36.81	36.77	37.28
12	36.41	36.59	36.66	35.57	35.76	35.64	35.57	36.37	36.64	36.78	36.80	37.30
13	36.38	36.51	36.59	35.58	35.96	35.68	35.67	36.37	36.64	36.78	36.78	37.31
14	36.43	36.42	36.67	---	36.05	35.51	35.73	36.46	36.63	36.80	36.68	37.35
15	36.51	36.46	36.67	---	36.04	35.58	35.72	36.48	36.67	36.84	36.65	37.36
16	36.33	36.46	36.61	---	36.01	35.59	35.56	36.50	36.67	36.90	36.66	37.37
17	36.51	36.60	36.60	---	35.91	35.54	35.81	36.50	36.72	36.95	36.62	37.44
18	36.47	36.61	36.65	---	36.02	35.43	35.95	36.48	36.76	37.00	36.64	37.44
19	36.50	36.52	36.68	---	36.11	35.59	35.98	36.24	36.77	37.03	36.64	37.44
20	36.50	36.49	36.69	---	36.16	35.61	35.94	35.63	36.76	37.11	36.71	37.44
21	36.51	36.56	36.68	33.89	36.24	35.53	35.64	35.77	36.76	37.14	36.76	37.45
22	36.57	36.56	36.45	33.74	36.29	35.70	35.56	35.77	36.76	37.16	36.80	37.46
23	36.57	36.50	36.22	33.53	36.27	35.77	35.56	35.74	36.76	37.20	36.82	37.46
24	36.54	36.51	36.23	34.18	36.30	35.88	35.38	35.58	36.75	37.22	36.86	37.48
25	36.51	36.51	36.25	34.67	36.25	36.01	35.14	35.57	36.80	37.26	36.88	37.55
26	36.52	36.44	36.29	34.88	36.29	36.06	35.07	35.71	36.83	37.31	36.88	37.58
27	36.52	36.48	36.31	34.87	36.28	36.08	35.30	35.82	36.84	37.35	36.85	37.59
28	36.46	36.48	36.34	35.21	35.80	36.10	35.64	35.97	36.85	37.41	36.83	37.60
29	36.50	36.47	36.32	35.47	---	36.20	35.80	36.08	36.95	37.31	36.82	37.59
30	36.47	36.47	36.42	35.70	---	36.23	35.92	36.14	36.97	37.12	36.84	37.55
31	36.51	---	36.46	35.83	---	36.22	---	36.15	---	37.05	36.88	---
MEAN	36.47	36.52	36.52	35.43	35.94	35.72	35.80	36.08	36.64	36.98	36.80	37.32
MAX	36.57	36.61	36.69	36.59	36.30	36.23	36.33	36.50	36.97	37.41	36.98	37.60
MIN	36.33	36.42	36.22	33.53	35.37	35.10	35.07	35.57	36.21	36.71	36.62	36.90

WTR YR 1999: HIGHEST 33.53, JANUARY 23; LOWEST 37.60, SEPTEMBER 28.

