

## YATES COUNTY

423143076582601. Local number, Ya 180.

LOCATION.--Lat 42°31'43", long 76°58'26", Hydrologic Unit 04140201, on gravel utility road just north of Dundee Central School at Dundee. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined aquifer in gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 inch PVC, depth 19.5 ft, cased to 16 ft, open end.

INSTRUMENTATION.--Electronic data recorder--hourly; monthly measurements by USGS personnel.

DATUM.--Elevation of land-surface datum is 990 ft above NGVD of 1929, from topographic map. Measuring point: File marks in coupling inside shelter, 3.67 ft above land-surface datum.

PERIOD OF RECORD.--March 2004 to September 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.92 ft below land-surface datum, Apr. 13, 2004; lowest, 4.18 ft below land-surface datum, July 11, 2004.

EXTREMES FOR CURRENT PERIOD.--March 2004 to September 2004: Highest water level, 1.92 ft below land-surface datum, Apr. 13; lowest, 4.18 ft below land-surface datum, July 11.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	2.85	3.22	3.14	3.95	3.60	3.27
2	---	---	---	---	---	3.15	2.61	3.14	3.04	3.98	3.62	3.28
3	---	---	---	---	---	2.80	2.69	2.96	2.91	4.00	3.65	3.31
4	---	---	---	---	---	2.76	2.73	3.08	3.06	4.04	3.66	3.35
5	---	---	---	---	---	2.60	2.79	3.12	3.13	4.09	3.71	3.40
6	---	---	---	---	---	2.64	2.79	3.17	3.22	4.10	3.75	3.46
7	---	---	---	---	---	2.74	2.80	3.19	3.30	4.05	3.78	3.52
8	---	---	---	---	---	2.79	2.84	3.22	3.37	4.01	3.83	3.51
9	---	---	---	---	---	2.84	2.90	3.22	3.42	4.04	3.87	2.29
10	---	---	---	---	---	2.87	2.95	3.27	3.44	4.10	3.88	2.47
11	---	---	---	---	---	2.87	3.01	3.31	3.48	4.15	3.91	2.71
12	---	---	---	---	---	2.90	3.05	3.34	3.54	4.10	3.93	2.86
13	---	---	---	---	---	2.96	2.62	3.38	3.60	4.08	3.89	2.98
14	---	---	---	---	---	2.98	2.36	3.38	3.65	3.90	3.95	3.08
15	---	---	---	---	---	3.03	2.59	3.35	3.69	3.85	3.97	3.17
16	---	---	---	---	---	3.03	2.69	3.37	3.71	3.91	3.98	3.24
17	---	---	---	---	---	3.05	2.75	3.43	3.66	3.94	4.01	2.96
18	---	---	---	---	---	3.08	2.82	3.45	3.66	3.93	4.02	2.29
19	---	---	---	---	---	3.11	2.87	3.48	3.70	3.94	4.04	2.67
20	---	---	---	---	---	3.07	2.92	3.50	3.74	3.97	4.05	2.84
21	---	---	---	---	---	2.98	2.95	3.36	3.78	3.99	3.83	2.97
22	---	---	---	---	---	3.01	2.95	3.42	3.77	4.01	3.91	3.08
23	---	---	---	---	---	2.99	2.90	3.42	3.81	4.02	3.92	3.16
24	---	---	---	---	---	2.94	2.97	3.13	3.83	4.06	3.93	3.23
25	---	---	---	---	---	2.77	3.01	3.10	3.83	4.07	3.95	3.29
26	---	---	---	---	---	2.78	3.03	2.79	3.84	4.05	3.97	3.34
27	---	---	---	---	---	2.73	3.06	2.87	3.91	3.64	3.99	3.39
28	---	---	---	---	---	2.79	3.12	2.75	3.91	3.70	4.00	3.43
29	---	---	---	---	---	2.83	3.16	2.93	3.91	3.67	4.01	3.48
30	---	---	---	---	---	2.84	3.19	3.05	3.93	3.65	3.51	3.52
31	---	---	---	---	---	2.87	---	3.10	---	3.60	3.27	---
MEAN	---	---	---	---	---	---	2.87	3.21	3.57	3.95	3.85	3.12
MAX	---	---	---	---	---	---	3.19	3.50	3.93	4.15	4.05	3.52
MIN	---	---	---	---	---	---	2.36	2.75	2.91	3.60	3.27	2.29

GROUND-WATER LEVELS  
YATES COUNTY—Continued

