

WATER-LEVEL DATA FOR A WETLAND AREA NEAR MILLINGTON, SHELBY COUNTY

In 1993, the U.S. Geological Survey (USGS), in cooperation with the Tennessee Department of Transportation (TDOT), began monitoring a degraded wetland area near Millington, Shelby County, Tennessee. The monitoring effort was designed to define land-surface inundation and saturation conditions prior to the implementation of a plan to restore the wetland area to a more natural condition. Restoring and preserving wetlands have become an important initiative in recent years as indicated by the no net loss of wetlands objective of Section 404 of the Clean Water Act (U.S. Congress, 1977). In certain instances, the construction of buildings, roads, and other manmade structures have disrupted natural wetlands and their functions. The Millington site is located along a channelized reach of Big Creek, east of State Route 240, and near the southeastern boundary of the Naval Support Activity Midsouth, Millington (fig. 7). As part of the monitoring effort, 13 wells were augered approximately 2 feet into poorly drained soils, which include the Calloway silt loam, Falaga silt loam, Waverly silt loam, and Henry silt loam.

Additional information on this study area may be obtained from the USGS at 640 Grassmere Park, Suite 100, Nashville, TN 37211 or by telephone (615) 837-4700.

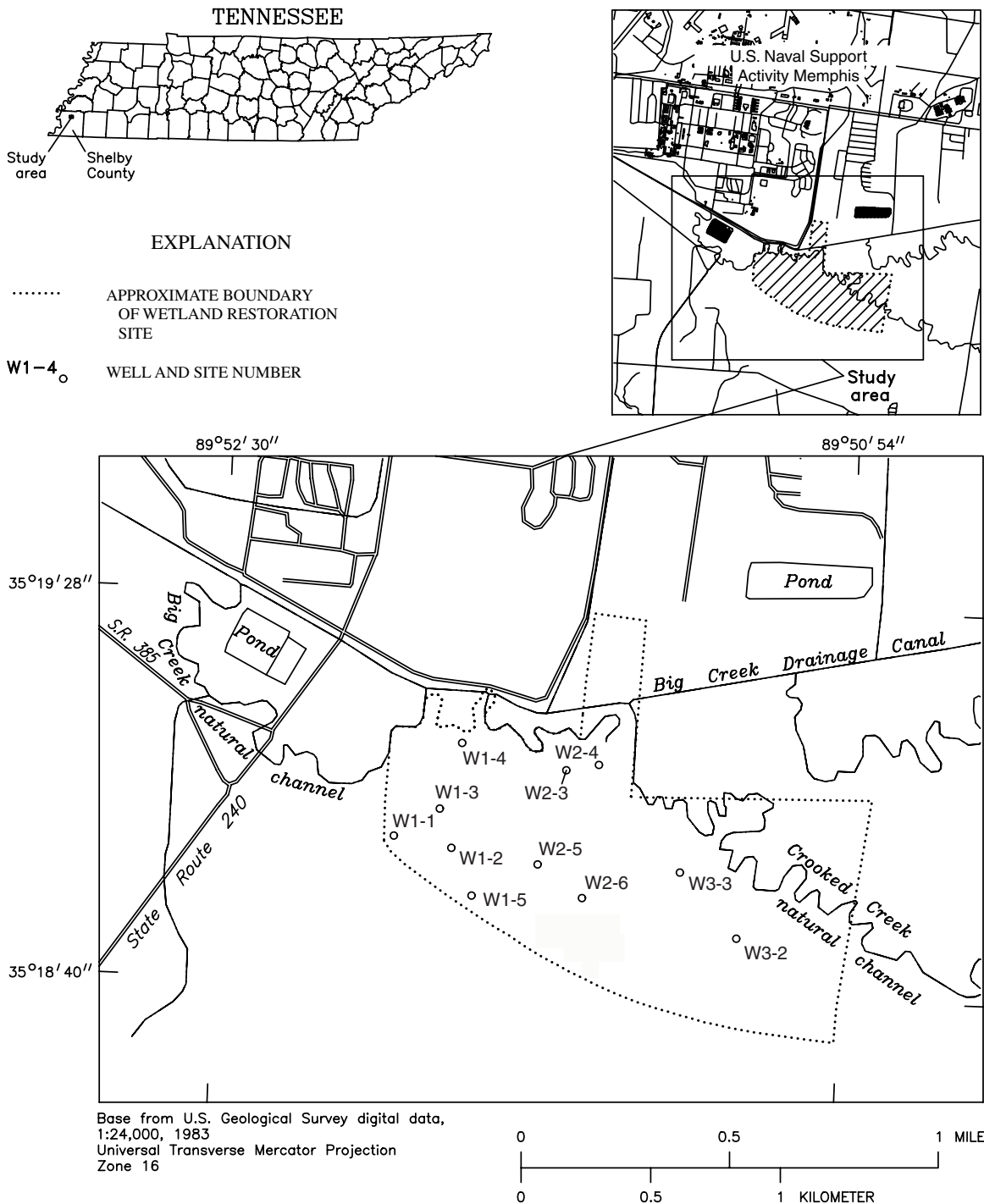


Figure 7. Location of study area and data-collection sites.

## MILLINGTON WETLAND

351859089520101. Local number, Sh:V-60 (W1-1).

LOCATION.--Lat 35°18'59", long 89°52'01", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder--60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing approximately 3.60 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.22 ft below land surface.

PERIOD OF RECORD.--June 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.22	1.62	1.03	0.34	0.44	0.35	0.80	2.22	2.22	---	---	---
2	2.22	1.68	1.05	0.34	0.42	0.42	0.95	2.22	2.22	---	---	---
3	2.22	1.55	1.20	0.34	0.41	0.44	1.02	2.22	2.22	---	---	---
4	2.22	0.44	1.20	0.38	0.54	0.45	1.12	2.22	2.22	---	---	---
5	1.80	0.43	0.31	0.45	0.64	0.44	1.36	2.22	2.22	---	---	---
6	2.08	0.44	0.40	0.54	0.61	0.41	1.49	2.22	2.22	---	---	---
7	2.12	0.51	0.46	0.56	0.26	0.47	1.42	2.22	2.22	---	---	---
8	1.54	0.55	0.49	0.49	0.37	0.48	0.80	0.92	2.22	---	---	---
9	1.73	0.55	0.53	0.48	0.29	0.61	0.95	1.39	2.22	---	---	---
10	0.88	0.40	0.50	0.62	0.27	0.65	1.06	1.79	2.22	---	---	---
11	0.33	0.56	0.41	0.72	0.35	0.67	1.26	1.80	2.22	---	---	---
12	0.52	0.67	0.47	0.78	0.45	0.69	1.52	1.64	2.22	---	---	---
13	0.76	0.73	0.44	0.77	0.48	0.70	1.75	1.97	2.22	---	---	---
14	0.92	0.77	0.31	0.88	0.45	0.64	1.96	1.97	2.22	---	---	---
15	1.12	0.78	0.36	0.96	0.12	0.68	2.10	1.77	1.29	---	---	---
16	1.44	0.42	0.40	0.94	0.19	0.71	2.16	1.77	1.64	---	---	---
17	1.71	0.49	0.41	0.44	0.28	0.71	2.18	0.31	1.87	---	---	---
18	1.90	0.54	0.44	0.69	0.34	0.71	1.20	0.26	2.01	---	---	---
19	1.93	0.54	0.24	0.76	0.36	0.68	1.50	0.45	2.22	---	---	---
20	0.62	0.42	0.14	0.57	0.25	0.49	1.63	0.51	2.22	---	---	---
21	0.78	0.47	0.27	0.51	0.26	0.59	1.62	0.56	2.22	---	---	---
22	1.05	0.60	0.42	0.64	0.14	0.67	1.76	0.80	2.22	---	---	---
23	1.29	0.67	0.46	0.85	0.20	0.75	2.01	1.11	2.22	---	---	---
24	1.44	0.73	0.13	1.18	0.31	0.85	2.06	1.40	2.22	---	---	---
25	1.48	0.84	0.29	1.26	0.31	0.93	0.69	1.47	---	---	---	---
26	1.49	0.66	0.39	1.16	0.25	0.41	0.91	1.80	---	---	---	---
27	1.63	0.63	0.42	1.22	0.23	0.48	1.30	2.07	---	---	---	---
28	1.62	0.72	0.45	1.13	0.31	0.59	1.71	2.22	---	---	---	---
29	1.53	0.71	0.46	0.87	---	0.48	2.03	2.22	---	---	---	---
30	1.19	0.86	0.43	0.35	---	0.59	2.22	2.22	---	---	---	---
31	1.44	---	0.30	0.37	---	0.66	---	2.22	---	---	---	---
TOTAL	45.22	20.98	14.81	21.59	9.53	18.40	44.54	50.18	---	---	---	---
MEAN	1.46	0.70	0.48	0.70	0.34	0.59	1.48	1.62	---	---	---	---
MAX	2.22	1.68	1.20	1.26	0.64	0.93	2.22	2.22	---	---	---	---
MIN	0.33	0.40	0.13	0.34	0.12	0.35	0.69	0.26	---	---	---	---
WTR YR 2003	HIGHEST	-.41	DEC 19, 2002	LOWEST	2.22	MANY DAYS						

## GROUND-WATER LEVELS

## MILLINGTON WETLAND—Continued

351859089515501. Local number, Sh:V-61 (W1-2).

LOCATION.--Lat 35°18'59", long 89°51'55", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing 3.60 ft above land-surface datum.

REMARKS.--Missing record, Jan. 27 to June 25. Bottom of well, 2.24 ft below land surface. Negative values indicate water levels above land surface.

PERIOD OF RECORD.--October 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.15	1.66	0.06	-0.06	---	---	---	---	---	---	---	---
2	1.71	1.70	0.06	-0.06	---	---	---	---	---	---	---	---
3	1.97	1.66	0.07	-0.06	---	---	---	---	---	---	---	---
4	1.99	0.50	0.02	-0.05	---	---	---	---	---	---	---	---
5	1.57	0.41	-0.09	-0.03	---	---	---	---	---	---	---	---
6	1.92	-0.03	-0.06	-0.01	---	---	---	---	---	---	---	---
7	1.95	-0.01	-0.05	-0.01	---	---	---	---	---	---	---	---
8	1.81	0.01	-0.03	-0.02	---	---	---	---	---	---	---	---
9	1.99	0.01	-0.03	-0.02	---	---	---	---	---	---	---	---
10	1.98	-0.05	-0.03	0.02	---	---	---	---	---	---	---	---
11	-0.06	-0.01	-0.04	0.04	---	---	---	---	---	---	---	---
12	0.00	0.02	-0.02	0.05	---	---	---	---	---	---	---	---
13	0.08	0.04	-0.03	0.05	---	---	---	---	---	---	---	---
14	0.12	0.04	-0.08	0.06	---	---	---	---	---	---	---	---
15	0.21	0.03	-0.06	0.08	---	---	---	---	---	---	---	---
16	0.40	-0.07	-0.06	0.06	---	---	---	---	---	---	---	---
17	0.77	-0.04	-0.05	0.00	---	---	---	---	---	---	---	---
18	1.21	-0.03	-0.04	0.04	---	---	---	---	---	---	---	---
19	1.29	-0.08	-0.15	0.05	---	---	---	---	---	---	---	---
20	0.39	-0.07	-0.09	-0.01	---	---	---	---	---	---	---	---
21	0.57	-0.05	-0.07	0.00	---	---	---	---	---	---	---	---
22	0.88	-0.03	-0.05	0.04	---	---	---	---	---	---	---	---
23	1.15	-0.02	-0.04	0.09	---	---	---	---	---	---	---	---
24	1.36	0.00	-0.12	0.16	---	---	---	---	---	---	---	---
25	1.42	0.01	-0.08	0.19	---	---	---	---	---	---	---	---
26	1.48	-0.03	-0.06	0.14	---	---	---	---	---	---	---	---
27	1.57	-0.01	-0.05	---	---	---	---	---	---	---	---	---
28	1.57	0.00	-0.05	---	---	---	---	---	---	---	---	---
29	1.57	0.00	-0.04	---	---	---	---	---	---	---	---	---
30	1.30	0.03	-0.04	---	---	---	---	---	---	---	---	---
31	1.48	---	-0.07	---	---	---	---	---	---	---	---	---
TOTAL	36.80	5.59	-1.37	---	---	---	---	---	---	---	---	---
MEAN	1.19	0.19	-0.04	---	---	---	---	---	---	---	---	---
MAX	1.99	1.70	0.07	---	---	---	---	---	---	---	---	---
MIN	-0.06	-0.08	-0.15	---	---	---	---	---	---	---	---	---
WTR YR 2003	HIGHEST	-0.57	DEC 19, 2002	LOWEST	1.99	OCT 4, 2002						

## MILLINGTON WETLAND—Continued

351906089515601. Local number, Sh:V-62 (W1-3).

LOCATION.--Lat 35°19'06", long 89°51'56", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 3.80 ft above land-surface datum.

REMARKS.--Missing records April 3 to April 11. Bottom of well, 2.10 ft below land surface.

PERIOD OF RECORD.--October 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.10	2.10	1.83	0.21	0.29	0.22	0.69	1.95	2.10	---	---	---
2	2.10	2.10	1.86	0.21	0.30	0.26	0.92	2.01	2.10	---	---	---
3	2.10	2.10	1.89	0.24	0.30	0.29	---	2.07	2.10	---	---	---
4	2.10	2.10	1.89	0.26	0.39	0.32	---	2.10	2.10	---	---	---
5	2.10	2.10	0.27	0.33	0.48	0.32	---	2.10	2.10	---	---	---
6	2.10	1.02	0.35	0.45	0.48	0.27	---	2.10	2.10	---	---	---
7	2.10	1.30	0.42	0.49	0.18	0.33	---	2.10	2.10	---	---	---
8	2.10	1.47	0.51	0.46	0.23	0.37	---	0.92	2.10	---	---	---
9	2.10	1.57	0.55	0.50	0.19	0.49	---	1.31	2.10	---	---	---
10	2.10	1.34	0.55	0.67	0.18	0.59	---	1.58	2.10	---	---	---
11	1.60	1.42	0.37	0.84	0.23	0.67	---	1.62	2.10	---	---	---
12	2.06	1.62	0.43	0.94	0.29	0.75	1.48	1.73	2.10	---	---	---
13	2.10	1.75	0.42	1.00	0.32	0.76	1.62	1.84	2.10	---	---	---
14	2.10	1.84	0.24	1.09	0.20	0.61	1.75	1.86	2.10	---	---	---
15	2.10	1.85	0.27	1.17	0.15	0.70	1.83	1.90	2.10	---	---	---
16	2.10	0.86	0.29	1.17	0.19	0.79	1.88	1.92	2.10	---	---	---
17	2.10	1.08	0.32	1.08	0.23	0.82	1.89	0.19	2.10	---	---	---
18	2.10	1.24	0.34	0.70	0.25	0.81	1.28	0.31	2.10	---	---	---
19	2.10	1.09	0.19	0.78	0.26	0.74	1.48	0.58	2.10	---	---	---
20	2.10	1.05	0.23	0.53	0.19	0.29	1.60	0.82	2.10	---	---	---
21	2.10	1.21	0.27	0.55	0.18	0.39	1.60	0.82	2.10	---	---	---
22	2.10	1.39	0.38	0.77	0.14	0.52	1.63	1.18	2.10	---	---	---
23	2.10	1.52	0.41	1.03	0.19	0.65	1.77	1.51	2.10	---	---	---
24	2.10	1.62	0.19	1.27	0.24	0.84	1.80	1.71	2.10	---	---	---
25	2.10	1.68	0.25	1.35	0.24	0.96	0.46	1.81	---	---	---	---
26	2.10	1.68	0.31	1.28	0.17	0.24	0.75	1.90	---	---	---	---
27	2.10	1.62	0.35	1.27	0.17	0.33	1.18	1.98	---	---	---	---
28	2.10	1.69	0.39	1.21	0.20	0.41	1.55	2.06	---	---	---	---
29	2.10	1.73	0.41	0.93	---	0.27	1.77	2.10	---	---	---	---
30	2.10	1.79	0.40	0.24	---	0.39	1.88	2.10	---	---	---	---
31	2.10	---	0.21	0.26	---	0.52	---	2.10	---	---	---	---
TOTAL	64.56	46.93	16.79	22.68	6.86	15.92	---	50.28	---	---	---	---
MEAN	2.08	1.56	0.54	0.73	0.24	0.51	---	1.62	---	---	---	---
MAX	2.10	2.10	1.89	1.35	0.48	0.96	---	2.10	---	---	---	---
MIN	1.60	0.86	0.19	0.21	0.14	0.22	---	0.19	---	---	---	---
WTR YR 2003	HIGHEST	0.07	DEC 18, 2002	LOWEST	2.10	MANY DAYS						

## GROUND-WATER LEVELS

## MILLINGTON WETLAND—Continued

351912089515301. Local number, Sh:V-63 (W1-4).

LOCATION.--Lat 35°19'12", long 89°51'53", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 3.50 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.27 below land surface. Negative values indicate water levels above land surface.

PERIOD OF RECORD.--October 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.22	2.27	1.18	0.06	0.14	0.07	0.17	1.46	1.93	---	---	---
2	2.27	2.27	1.25	0.07	0.14	0.09	0.19	1.57	1.97	---	---	---
3	2.27	2.27	1.29	0.06	0.14	0.10	0.20	1.66	2.01	---	---	---
4	2.27	2.27	1.32	0.09	0.15	0.11	0.21	1.74	2.05	---	---	---
5	2.27	2.27	0.08	0.10	0.22	0.11	0.26	1.81	2.09	---	---	---
6	2.27	0.59	0.18	0.15	0.22	0.11	0.31	1.85	2.13	---	---	---
7	2.27	0.74	0.25	0.18	0.03	0.13	0.31	1.86	2.17	---	---	---
8	2.27	0.86	0.32	0.17	0.07	0.14	0.15	0.31	2.20	---	---	---
9	2.27	0.94	0.40	0.17	0.05	0.16	0.20	0.57	2.24	---	---	---
10	2.27	0.38	0.43	0.23	0.04	0.19	0.21	0.94	2.26	---	---	---
11	0.13	0.59	0.32	0.29	0.07	0.19	0.27	1.03	2.27	---	---	---
12	0.62	0.81	0.36	0.34	0.10	0.20	0.34	1.05	2.27	---	---	---
13	1.10	0.97	0.37	0.36	0.12	0.20	0.43	1.32	2.27	---	---	---
14	1.33	1.05	0.07	0.40	0.12	0.17	0.55	1.40	2.27	---	---	---
15	1.52	1.09	0.12	0.46	-0.13	0.19	0.72	1.40	2.24	---	---	---
16	1.66	0.22	0.16	0.46	-0.06	0.20	0.90	1.45	2.26	---	---	---
17	1.80	0.38	0.18	0.26	0.04	0.20	0.96	0.11	2.26	---	---	---
18	1.89	0.54	0.21	0.29	0.07	0.19	0.34	-0.03	2.27	---	---	---
19	1.94	0.60	0.21	0.32	0.09	0.17	0.49	0.07	2.27	---	---	---
20	2.00	0.38	-0.13	0.34	0.03	0.09	0.58	0.12	2.27	---	---	---
21	2.05	0.49	0.02	0.17	0.04	0.11	0.58	0.15	2.27	---	---	---
22	2.09	0.63	0.07	0.24	0.01	0.15	0.54	0.30	2.27	---	---	---
23	2.15	0.80	0.11	0.35	-0.04	0.18	0.83	0.51	2.27	---	---	---
24	2.20	0.92	0.10	0.60	0.03	0.20	0.97	0.85	2.27	---	---	---
25	2.25	1.02	0.02	0.73	0.05	0.21	0.22	1.05	---	---	---	---
26	2.27	1.05	0.07	0.75	0.05	0.07	0.32	1.27	---	---	---	---
27	2.27	0.98	0.09	0.59	0.02	0.10	0.52	1.45	---	---	---	---
28	2.27	0.96	0.11	0.58	0.05	0.11	0.82	1.59	---	---	---	---
29	2.27	1.02	0.13	0.48	---	0.08	1.11	1.71	---	---	---	---
30	2.27	1.07	0.12	0.09	---	0.12	1.31	1.79	---	---	---	---
31	2.27	---	0.05	0.12	---	0.14	---	1.86	---	---	---	---
TOTAL	61.00	30.43	9.46	9.50	1.86	4.48	15.01	34.22	---	---	---	---
MEAN	1.97	1.01	0.31	0.31	0.07	0.14	0.50	1.10	---	---	---	---
MAX	2.27	2.27	1.32	0.75	0.22	0.21	1.31	1.86	---	---	---	---
MIN	0.13	0.22	-0.13	0.06	-0.13	0.07	0.15	-0.03	---	---	---	---

WTR YR 2003 HIGHEST -.53 DEC 20, 2002 LOWEST 2.27 MANY DAYS

## MILLINGTON WETLAND—Continued

351853089515101. Local number, Sh:V-64 (W1-5).

LOCATION.--Lat 35°18'53", long 89°51'51", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 4.10 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.25 ft below land surface. Negative values indicate water levels above land surface. Recording stops at 1.71 ft due to blockage at well bottom for the entire 2002 and part of the 2003 water year.

PERIOD OF RECORD.--October 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.42	1.46	0.27	0.06	0.09	0.03	0.05	1.71	1.71	---	---	---
2	1.71	1.51	0.29	0.06	0.10	0.04	0.08	1.71	1.71	---	---	---
3	1.71	1.12	0.33	0.05	0.10	0.04	0.12	1.71	1.71	---	---	---
4	1.71	0.32	0.34	0.06	0.13	0.03	0.16	1.71	1.71	---	---	---
5	0.42	0.27	0.03	0.07	0.14	0.03	0.26	1.71	1.71	---	---	---
6	0.96	0.08	0.06	0.08	0.14	0.03	0.28	1.71	1.71	---	---	---
7	0.96	0.12	0.07	0.10	0.04	0.04	0.07	1.71	1.71	---	---	---
8	0.89	0.14	0.08	0.08	0.05	0.03	0.09	0.10	1.71	---	---	---
9	1.05	0.15	0.10	0.08	0.05	0.05	0.12	0.40	1.71	---	---	---
10	0.02	0.07	0.10	0.11	0.04	0.06	0.19	1.18	1.71	---	---	---
11	0.07	0.10	0.08	0.15	0.07	0.07	0.29	1.18	1.71	---	---	---
12	0.10	0.14	0.09	0.19	0.08	0.06	0.42	0.94	1.71	---	---	---
13	0.22	0.17	0.09	0.19	0.08	0.07	0.63	1.53	1.71	---	---	---
14	0.31	0.18	0.04	0.21	0.05	0.06	0.92	1.53	1.71	---	---	---
15	0.47	0.19	0.06	0.24	-0.09	0.07	1.26	1.41	0.14	---	---	---
16	0.79	0.06	0.07	0.23	0.01	0.07	1.67	1.42	0.66	---	---	---
17	1.18	0.08	0.07	0.15	0.05	0.06	1.71	-0.13	1.61	---	---	---
18	1.53	0.10	0.08	0.21	0.06	0.06	0.37	-0.03	1.71	---	---	---
19	1.56	0.10	0.06	0.23	0.06	0.06	0.60	0.05	1.71	---	---	---
20	0.48	0.07	0.03	0.15	0.01	0.00	0.75	0.09	1.71	---	---	---
21	0.63	0.07	0.06	0.14	0.02	0.01	0.76	0.10	1.71	---	---	---
22	0.85	0.10	0.07	0.20	-0.03	0.02	1.20	0.28	1.71	---	---	---
23	1.07	0.12	0.08	0.25	0.01	0.05	1.71	0.73	1.71	---	---	---
24	1.18	0.14	0.08	0.25	0.03	0.07	1.71	1.34	1.71	---	---	---
25	1.18	0.17	0.04	0.47	0.04	0.08	0.04	1.60	---	---	---	---
26	1.27	0.15	0.07	0.46	0.01	-0.03	0.16	1.71	---	---	---	---
27	1.38	0.16	0.07	0.51	-0.04	-0.01	0.43	1.71	---	---	---	---
28	1.32	0.19	0.08	0.45	0.02	0.00	0.99	1.71	---	---	---	---
29	1.25	0.20	0.08	0.22	---	-0.03	1.65	1.71	---	---	---	---
30	1.06	0.23	0.07	0.08	---	-0.01	1.71	1.71	---	---	---	---
31	1.28	---	0.06	0.09	---	0.01	---	1.71	---	---	---	---
TOTAL	30.03	7.96	3.10	5.82	1.32	1.12	20.40	35.95	---	---	---	---
MEAN	0.97	0.27	0.10	0.19	0.05	0.04	0.68	1.16	---	---	---	---
MAX	1.71	1.51	0.34	0.51	0.14	0.08	1.71	1.71	---	---	---	---
MIN	0.02	0.06	0.03	0.05	-0.09	-0.03	0.04	-0.13	---	---	---	---

WTR YR 2003 HIGHEST -.59 DEC 19, 2002 LOWEST 1.71 MANY DAYS

## GROUND-WATER LEVELS

## MILLINGTON WETLAND—Continued

351909089513301. Local number, Sh:V-68 (W2-4).

LOCATION.--Lat 35°19'09", long 89°51'33", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 3.40 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.21 ft below land surface. Negative values indicate water levels above land surface.

PERIOD OF RECORD.--October 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.21	2.11	0.84	0.14	0.20	0.13	0.38	2.18	2.21	---	---	---
2	2.21	2.18	0.89	0.13	0.22	0.15	0.47	2.21	2.21	---	---	---
3	2.21	2.15	0.98	0.15	0.22	0.17	0.56	2.21	2.21	---	---	---
4	2.21	0.99	0.98	0.16	0.25	0.18	0.64	2.21	2.21	---	---	---
5	2.21	0.79	0.15	0.19	0.30	0.18	0.81	2.21	2.21	---	---	---
6	2.21	0.33	0.18	0.26	0.30	0.15	0.87	2.21	2.21	---	---	---
7	2.21	0.45	0.22	0.29	0.12	0.19	0.47	2.15	2.21	---	---	---
8	2.21	0.56	0.27	0.27	0.15	0.21	0.30	0.31	2.21	---	---	---
9	2.21	0.60	0.29	0.30	0.12	0.27	0.35	0.69	2.21	---	---	---
10	1.98	0.28	0.30	0.36	0.12	0.31	0.42	1.28	2.21	---	---	---
11	-0.06	0.44	0.19	0.43	0.14	0.34	0.56	1.31	2.21	---	---	---
12	0.17	0.61	0.23	0.47	0.17	0.37	0.73	1.30	2.21	---	---	---
13	0.41	0.73	0.23	0.49	0.19	0.37	0.97	1.73	2.21	---	---	---
14	0.74	0.82	0.15	0.55	0.19	0.30	1.29	1.71	2.21	---	---	---
15	1.13	0.82	0.17	0.62	-0.06	0.33	1.58	1.41	2.21	---	---	---
16	1.55	0.28	0.18	0.57	-0.09	0.36	1.80	1.52	2.21	---	---	---
17	1.86	0.37	0.19	0.26	0.12	0.36	1.81	0.02	2.21	---	---	---
18	2.08	0.42	0.20	0.43	0.14	0.34	0.73	-0.18	2.21	---	---	---
19	2.13	0.43	0.10	0.47	0.14	0.22	0.95	0.09	2.21	---	---	---
20	1.20	0.27	-0.15	0.34	0.12	0.14	1.02	0.14	2.21	---	---	---
21	1.36	0.34	0.12	0.26	0.11	0.17	0.91	0.15	2.21	---	---	---
22	1.65	0.45	0.16	0.35	0.08	0.23	1.14	0.31	2.21	---	---	---
23	1.87	0.53	0.17	0.47	0.08	0.30	1.53	0.60	2.21	---	---	---
24	2.00	0.61	0.07	0.71	0.14	0.37	1.59	1.00	---	---	---	---
25	2.09	0.69	0.12	0.77	0.14	0.41	0.24	1.17	---	---	---	---
26	2.12	0.54	0.15	0.67	0.11	0.13	0.37	1.60	---	---	---	---
27	2.19	0.48	0.17	0.74	0.11	0.15	0.63	1.95	---	---	---	---
28	2.18	0.57	0.19	0.63	0.13	0.19	1.06	2.19	---	---	---	---
29	2.15	0.61	0.21	0.49	---	0.15	1.57	2.21	---	---	---	---
30	1.85	0.73	0.20	0.16	---	0.20	1.93	2.21	---	---	---	---
31	1.98	---	0.13	0.18	---	0.28	---	2.21	---	---	---	---
TOTAL	54.52	21.18	8.28	12.31	3.96	7.65	27.68	42.31	---	---	---	---
MEAN	1.76	0.71	0.27	0.40	0.14	0.25	0.92	1.36	---	---	---	---
MAX	2.21	2.18	0.98	0.77	0.30	0.41	1.93	2.21	---	---	---	---
MIN	-0.06	0.27	-0.15	0.13	-0.09	0.13	0.24	-0.18	---	---	---	---
WTR YR 2003	HIGHEST	-0.68	DEC 19, 20, 2002	LOWEST	2.21	MANY DAYS						

## GROUND-WATER LEVELS

391

## MILLINGTON WETLAND—Continued

351848089511001. Local number, Sh:V-70 (W3-2).

LOCATION.--Lat 35°18'48", long 89°51'10", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 3.50 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.24 ft below land surface. Negative values indicate water levels above land surface.

PERIOD OF RECORD.--October 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.94	1.10	1.12	0.92	1.10	0.80	1.06	1.40	1.28	---	---	---
2	1.00	1.11	1.09	0.92	1.09	0.83	1.09	1.40	1.23	---	---	---
3	1.00	1.00	1.13	0.95	1.12	0.86	1.13	1.47	1.02	---	---	---
4	0.98	0.98	1.06	0.97	1.14	0.88	1.12	1.46	1.14	---	---	---
5	1.01	0.98	0.84	1.01	1.16	0.90	1.17	1.45	1.22	---	---	---
6	1.06	0.96	0.89	1.04	1.13	0.90	1.17	1.25	1.16	---	---	---
7	1.06	0.99	0.92	1.04	0.97	0.93	1.00	1.14	1.19	---	---	---
8	1.05	1.01	0.96	1.02	1.02	0.95	1.05	0.99	1.27	---	---	---
9	1.06	1.01	0.97	1.07	1.01	0.97	1.06	1.08	1.35	---	---	---
10	0.76	1.00	0.97	1.10	1.01	0.99	1.09	1.13	1.40	---	---	---
11	0.58	1.05	1.01	1.11	1.05	1.00	1.14	1.10	1.35	---	---	---
12	0.74	1.06	1.02	1.12	1.07	1.01	1.19	1.08	1.16	---	---	---
13	0.83	1.06	1.00	1.10	1.07	1.02	1.22	1.13	1.32	---	---	---
14	0.87	1.05	0.91	1.13	1.00	1.02	1.26	1.06	1.30	---	---	---
15	0.92	1.04	0.95	1.14	0.34	1.03	1.29	1.08	0.94	---	---	---
16	0.98	0.99	0.97	1.09	0.56	1.04	1.32	1.06	1.05	---	---	---
17	1.02	1.01	1.00	1.07	0.66	1.04	1.33	0.28	1.10	---	---	---
18	1.04	1.02	1.02	1.10	0.75	1.04	1.20	0.60	1.10	---	---	---
19	1.04	0.94	0.31	1.12	0.77	0.98	1.22	0.74	1.22	---	---	---
20	0.93	0.98	0.61	1.09	0.65	0.96	1.22	0.77	1.32	---	---	---
21	1.00	1.02	0.72	1.12	0.65	0.99	1.16	0.79	1.38	---	---	---
22	1.05	1.04	0.81	1.16	0.36	1.00	1.26	0.88	1.45	---	---	---
23	1.07	1.04	0.83	1.19	0.60	1.02	1.31	0.94	---	---	---	---
24	1.07	1.05	0.53	1.23	0.70	1.04	1.31	0.98	---	---	---	---
25	1.07	1.07	0.66	1.21	0.71	1.06	1.12	0.96	---	---	---	---
26	1.06	1.02	0.75	1.16	0.71	0.94	1.17	1.03	---	---	---	---
27	1.06	1.05	0.80	1.18	0.72	0.99	1.23	1.08	---	---	---	---
28	1.06	1.06	0.84	1.13	0.76	1.03	1.29	1.12	---	---	---	---
29	1.03	1.04	0.87	1.08	---	0.98	1.34	1.19	---	---	---	---
30	1.06	1.11	0.88	1.06	---	1.01	1.40	1.14	---	---	---	---
31	1.09	---	0.89	1.09	---	1.02	---	1.27	---	---	---	---
TOTAL	30.49	30.84	27.33	33.72	23.88	30.23	35.92	33.05	---	---	---	---
MEAN	0.98	1.03	0.88	1.09	0.85	0.98	1.20	1.07	---	---	---	---
MAX	1.09	1.11	1.13	1.23	1.16	1.06	1.40	1.47	---	---	---	---
MIN	0.58	0.94	0.31	0.92	0.34	0.80	1.00	0.28	---	---	---	---
WTR YR 2003	HIGHEST	-12	MAY 17, 2003	LOWEST	1.47	MAY 3, 2003						



## GROUND-WATER LEVELS

## MILLINGTON WETLAND—Continued

351856089511901. Local number, Sh:V-71 (W3-3).

LOCATION.--Lat 35°18'56", long 89°51'19", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 3.50 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.37 ft below land surface. Negative values indicate water levels above land surface.

PERIOD OF RECORD.--October 1993 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.12	-0.79	-0.68	-1.05	-0.77	-1.19	-0.85	-0.47	-0.87	---	---	---
2	-1.07	-0.80	-0.67	-1.04	-0.76	-1.16	-0.82	-0.45	-0.86	---	---	---
3	-1.02	-0.84	-0.67	-1.02	-0.76	-1.13	-0.79	-0.43	-0.88	---	---	---
4	-1.01	-0.88	-0.67	-1.00	-0.75	-1.10	-0.77	-0.40	-0.85	---	---	---
5	-1.02	-0.88	-1.03	-0.97	-0.73	-1.08	-0.74	-0.39	-0.81	---	---	---
6	-0.99	-0.97	-1.09	-0.95	-0.73	-1.07	-0.73	-0.42	-0.80	---	---	---
7	-0.99	-0.93	-1.04	-0.93	-0.86	-1.05	-0.77	-0.46	-0.78	---	---	---
8	-0.98	-0.88	-1.01	-0.91	-0.90	-1.03	-0.75	-0.92	-0.75	---	---	---
9	-0.97	-0.85	-0.97	-0.89	-0.91	-1.01	-0.74	-0.96	-0.71	---	---	---
10	-1.00	-0.89	-0.96	-0.86	-0.91	-0.98	-0.72	-0.90	-0.68	---	---	---
11	-1.37	-0.82	-0.93	-0.84	-0.89	-0.96	-0.70	-0.90	-0.67	---	---	---
12	-1.27	-0.77	-0.89	-0.82	-0.87	-0.95	-0.67	-0.88	-0.69	---	---	---
13	-1.20	-0.74	-0.88	-0.81	-0.85	-0.93	-0.65	-0.85	-0.65	---	---	---
14	-1.15	-0.71	-1.05	-0.80	-0.84	-0.92	-0.62	-0.85	-0.63	---	---	---
15	-1.11	-0.71	-1.02	-0.79	-1.50	-0.89	-0.59	-0.84	-0.72	---	---	---
16	-1.07	-0.81	-0.98	-0.78	-1.41	-0.87	-0.56	-0.82	-0.72	---	---	---
17	-1.04	-0.78	-0.94	-0.81	-1.31	-0.85	-0.56	-1.13	-0.69	---	---	---
18	-1.01	-0.75	-0.92	-0.80	-1.24	-0.84	-0.59	-1.41	-0.67	---	---	---
19	-1.01	-0.75	-0.93	-0.78	-1.22	-0.84	-0.58	-1.31	-0.64	---	---	---
20	-1.01	-0.80	-1.37	-0.80	-1.32	-1.01	-0.57	-1.27	-0.61	---	---	---
21	-0.99	-0.79	-1.26	-0.80	-1.31	-0.99	-0.57	-1.25	-0.57	---	---	---
22	-0.96	-0.77	-1.18	-0.78	-1.34	-0.95	-0.55	-1.22	-0.52	---	---	---
23	-0.92	-0.75	-1.14	-0.74	-1.37	-0.91	-0.53	-1.18	-0.49	---	---	---
24	-0.88	-0.73	-1.38	-0.69	-1.29	-0.87	-0.52	-1.15	---	---	---	---
25	-0.86	-0.72	-1.31	-0.68	-1.26	-0.85	-0.62	-1.13	---	---	---	---
26	-0.84	-0.73	-1.24	-0.71	-1.25	-0.89	-0.60	-1.10	---	---	---	---
27	-0.82	-0.73	-1.19	-0.70	-1.26	-0.92	-0.57	-1.07	---	---	---	---
28	-0.81	-0.71	-1.14	-0.70	-1.23	-0.90	-0.54	-1.03	---	---	---	---
29	-0.81	-0.71	-1.11	-0.72	---	-0.93	-0.51	-0.99	---	---	---	---
30	-0.80	-0.69	-1.09	-0.78	---	-0.91	-0.49	-0.96	---	---	---	---
31	-0.79	---	-1.07	-0.78	---	-0.88	---	-0.91	---	---	---	---
TOTAL	-30.89	-23.68	-31.81	-25.73	-29.84	-29.86	-19.27	-28.05	---	---	---	---
MEAN	-1.00	-0.79	-1.03	-0.83	-1.07	-0.96	-0.64	-0.90	---	---	---	---
MAX	-0.79	-0.69	-0.67	-0.68	-0.73	-0.84	-0.49	-0.39	---	---	---	---
MIN	-1.37	-0.97	-1.38	-1.05	-1.50	-1.19	-0.85	-1.41	---	---	---	---
WTR YR 2003	HIGHEST	-1.89	OCT 10, 2002	LOWEST	-0.39	MAY 5, 2003						

## MILLINGTON WETLAND—Continued

351855089515301. Local number, Sh:V-74 (W2-5).

LOCATION.--Lat 35°18'55", long 89°51'53", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 3.00 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.12 ft below land surface. Negative values indicate water levels above land surface.

PERIOD OF RECORD.--January 1997 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.12	2.12	2.12	0.41	0.62	0.14	1.60	2.12	2.12	---	---	---
2	2.12	2.12	2.12	0.37	0.67	0.24	1.77	2.12	2.12	---	---	---
3	2.12	2.12	2.12	0.29	0.70	0.34	1.89	2.12	2.12	---	---	---
4	2.12	2.12	2.12	0.36	0.80	0.42	1.96	2.12	2.12	---	---	---
5	2.12	2.07	1.00	0.51	1.02	0.45	2.07	2.12	2.12	---	---	---
6	2.12	2.12	1.58	0.78	1.08	0.40	2.12	2.12	2.12	---	---	---
7	2.12	2.12	1.86	0.95	0.14	0.56	2.12	2.12	2.12	---	---	---
8	2.12	2.12	2.07	1.00	0.12	0.73	2.12	2.12	2.12	---	---	---
9	2.12	2.12	2.12	1.07	0.12	1.00	2.12	2.12	2.12	---	---	---
10	2.12	2.08	2.12	1.24	0.10	1.22	2.12	2.12	2.12	---	---	---
11	2.12	2.12	2.12	1.40	0.16	1.36	2.12	2.12	2.12	---	---	---
12	2.12	2.12	2.12	1.50	0.30	1.46	2.12	2.12	2.12	---	---	---
13	2.12	2.12	2.12	1.58	0.41	1.49	2.12	2.12	2.12	---	---	---
14	2.12	2.12	0.56	1.65	0.42	1.52	2.12	2.12	2.12	---	---	---
15	2.12	2.12	0.93	1.70	0.08	1.59	2.12	2.12	2.12	---	---	---
16	2.12	2.12	1.16	1.72	0.10	1.65	2.12	2.12	2.12	---	---	---
17	2.12	2.12	1.30	1.62	0.15	1.71	2.12	0.38	2.12	---	---	---
18	2.12	2.12	1.41	1.45	0.23	1.74	2.12	1.62	2.12	---	---	---
19	2.12	2.12	1.36	1.52	0.26	1.74	2.12	2.12	2.12	---	---	---
20	2.12	2.12	0.29	1.52	0.10	0.63	2.12	2.12	2.12	---	---	---
21	2.12	2.12	0.44	1.48	0.10	1.00	2.12	2.12	2.12	---	---	---
22	2.12	2.12	0.77	1.49	0.07	1.29	2.12	2.12	2.12	---	---	---
23	2.12	2.12	0.96	1.61	0.12	1.48	2.12	2.12	2.12	---	---	---
24	2.12	2.12	0.12	1.73	0.17	1.64	2.12	2.12	---	---	---	---
25	2.12	2.12	0.28	1.80	0.20	1.74	2.12	2.12	---	---	---	---
26	2.12	2.12	0.43	1.84	0.11	0.92	2.12	2.12	---	---	---	---
27	2.12	2.12	0.59	1.89	0.08	0.83	2.12	2.12	---	---	---	---
28	2.12	2.12	0.70	1.92	0.12	1.12	2.12	2.12	---	---	---	---
29	2.12	2.12	0.80	1.92	---	0.96	2.12	2.12	---	---	---	---
30	2.12	2.12	0.80	0.47	---	1.21	2.12	2.12	---	---	---	---
31	2.12	---	0.57	0.53	---	1.42	---	2.12	---	---	---	---
TOTAL	65.72	63.51	39.06	39.32	8.55	34.00	62.29	63.48	---	---	---	---
MEAN	2.12	2.12	1.26	1.27	0.31	1.10	2.08	2.05	---	---	---	---
MAX	2.12	2.12	2.12	1.92	1.08	1.74	2.12	2.12	---	---	---	---
MIN	2.12	2.07	0.12	0.29	0.07	0.14	1.60	0.38	---	---	---	---
WTR YR 2003	HIGHEST	0.00	DEC 19, 2002	LOWEST	2.12	MANY DAYS						

## GROUND-WATER LEVELS

## MILLINGTON WETLAND—Continued

351852089512501. Local number, Sh:V-75 (W2-6).

LOCATION.--Lat 35°18'52", long 89°51'25", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

INSTRUMENTATION.--Water-level recorder -- 60-minute interval.

DATUM.--Elevation of land-surface datum is 265 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 3.70 ft above land-surface datum.

REMARKS.--No missing record. Bottom of well, 2.10 ft below land surface. Negative values indicate water levels above land surface.

PERIOD OF RECORD.--January 1997 to June 2003 (discontinued).

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO JUNE 2003  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.85	1.41	0.93	-0.01	0.09	0.00	1.01	2.10	2.10	---	---	---
2	1.99	1.47	0.88	-0.02	0.09	0.06	1.35	2.10	2.10	---	---	---
3	2.10	0.98	1.02	0.03	0.08	0.10	1.56	2.10	2.10	---	---	---
4	2.10	0.03	0.86	0.06	0.27	0.12	1.67	2.10	2.10	---	---	---
5	1.51	0.01	-0.02	0.17	0.38	0.14	1.85	2.10	2.10	---	---	---
6	1.71	0.01	0.05	0.30	0.33	0.10	1.91	2.10	2.10	---	---	---
7	1.71	0.08	0.13	0.34	-0.06	0.19	1.06	2.10	2.10	---	---	---
8	1.39	0.18	0.18	0.21	0.01	0.25	0.85	0.64	2.10	---	---	---
9	1.53	0.20	0.20	0.32	-0.07	0.43	0.98	1.33	2.10	---	---	---
10	-0.20	0.01	0.17	0.53	-0.05	0.50	1.22	1.58	2.10	---	---	---
11	-0.07	0.20	0.08	0.69	0.03	0.56	1.48	1.61	2.10	---	---	---
12	0.06	0.40	0.14	0.79	0.13	0.63	1.73	1.63	2.10	---	---	---
13	0.38	0.48	0.06	0.67	0.18	0.63	1.93	1.87	2.10	---	---	---
14	0.56	0.54	-0.02	0.84	0.09	0.49	2.05	1.91	2.10	---	---	---
15	0.91	0.49	0.02	1.01	-0.15	0.58	2.10	1.78	2.10	---	---	---
16	1.27	0.03	0.04	0.76	-0.09	0.67	2.10	1.87	2.10	---	---	---
17	1.49	0.13	0.08	0.28	-0.02	0.67	2.10	-0.20	2.10	---	---	---
18	1.66	0.20	0.11	0.65	0.02	0.62	1.81	-0.05	2.10	---	---	---
19	1.70	-0.05	-0.19	0.86	0.03	0.35	1.96	0.14	2.10	---	---	---
20	0.46	0.01	-0.06	0.36	-0.09	0.10	2.05	0.28	2.10	---	---	---
21	0.76	0.13	-0.01	0.29	-0.10	0.24	2.05	0.24	2.10	---	---	---
22	1.11	0.29	0.11	0.56	-0.13	0.40	1.99	0.72	2.10	---	---	---
23	1.30	0.38	0.14	0.87	-0.09	0.64	2.10	1.30	2.10	---	---	---
24	1.40	0.49	-0.08	1.26	0.01	0.96	2.10	1.56	---	---	---	---
25	1.41	0.63	0.02	1.30	0.01	1.15	1.06	1.68	---	---	---	---
26	1.40	0.35	0.09	0.99	-0.09	0.03	1.37	1.88	---	---	---	---
27	1.48	0.41	0.10	1.22	-0.08	0.17	1.61	2.06	---	---	---	---
28	1.45	0.54	0.15	0.87	-0.03	0.38	1.83	2.10	---	---	---	---
29	1.35	0.49	0.17	0.40	---	0.14	2.01	2.10	---	---	---	---
30	1.05	0.78	0.11	0.02	---	0.36	2.10	2.10	---	---	---	---
31	1.26	---	-0.05	0.05	---	0.56	---	2.10	---	---	---	---
TOTAL	38.08	11.30	5.41	16.67	0.70	12.22	50.99	46.93	---	---	---	---
MEAN	1.23	0.38	0.17	0.54	0.03	0.39	1.70	1.51	---	---	---	---
MAX	2.10	1.47	1.02	1.30	0.38	1.15	2.10	2.10	---	---	---	---
MIN	-0.20	-0.05	-0.19	-0.02	-0.15	0.00	0.85	-0.20	---	---	---	---

WTR YR 2003    HIGHEST    -0.30    OCT 10, DEC 19, 2002                    LOWEST    2.10    MANY DAYS

## MILLINGTON WETLAND—Continued

351900089511100. Local number, Beaver Pond.

LOCATION.--Lat 35°19'00", long 89°51'11", Hydrologic Unit 08010209, 0.5 mi east of intersection of State Route 385 and Singleton Parkway, near the southeastern boundary of the Naval Support Activity Midsouth. Owner: Tennessee Department of Transportation (TDOT) and USGS.

DRAINAGE AREA.--0.88 mi<sup>2</sup>.

PERIOD OF RECORD.--June 1993 to June 2003 (discontinued).

GAGE.--Water-level recorders--15-minute interval.

REMARKS.--No missing record. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.05 ft, from recorded range in stage, Nov. 29, 2001 and May 17, 2003; minimum .43 ft, Nov. 14, 1994.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.05 ft, May 17; minimum, 2.39 ft, June 23.

GAGE HEIGHT, FEET  
WATER YEAR OCTOBER 2002 TO JUNE 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	2.95	2.91	2.93	2.98	2.96	2.97	3.00	2.99	2.99	3.24	3.24	3.24
2	2.91	2.88	2.89	2.98	2.95	2.96	2.99	2.99	2.99	3.25	3.24	3.24
3	2.88	2.86	2.87	3.01	2.98	2.99	2.99	2.98	2.99	3.24	3.23	3.23
4	2.96	2.86	2.93	3.00	2.99	3.00	3.17	2.99	3.10	3.23	3.22	3.23
5	2.93	2.88	2.91	3.08	2.99	3.06	3.17	3.16	3.16	3.22	3.22	3.22
6	2.88	2.85	2.86	3.07	3.05	3.06	3.18	3.17	3.18	3.22	3.21	3.21
7	2.91	2.88	2.90	3.05	3.04	3.04	3.18	3.18	3.18	3.22	3.21	3.21
8	2.88	2.84	2.86	3.04	3.02	3.03	3.18	3.17	3.17	3.22	3.21	3.21
9	3.01	2.83	2.85	3.07	3.02	3.03	3.17	3.17	3.17	3.22	3.21	3.21
10	3.84	3.01	3.59	3.07	3.06	3.07	3.18	3.17	3.18	3.21	3.20	3.20
11	3.44	3.24	3.31	3.06	3.05	3.06	3.18	3.17	3.18	3.20	3.19	3.20
12	3.24	3.19	3.21	3.05	3.04	3.05	3.17	3.17	3.17	3.19	3.19	3.19
13	3.19	3.17	3.18	3.04	3.03	3.03	3.27	3.17	3.24	3.19	3.19	3.19
14	3.17	3.17	3.17	3.03	3.02	3.03	3.27	3.26	3.27	3.19	3.19	3.19
15	3.17	3.16	3.17	3.10	3.03	3.09	3.26	3.25	3.25	3.19	3.19	3.19
16	3.16	3.14	3.15	3.09	3.08	3.09	3.25	3.24	3.25	3.23	3.19	3.21
17	3.14	3.13	3.14	3.08	3.07	3.07	3.25	3.24	3.24	3.21	3.20	3.20
18	3.13	3.11	3.12	3.10	3.06	3.07	3.41	3.23	3.25	3.20	3.20	3.20
19	3.17	3.11	3.14	3.10	3.09	3.09	3.90	3.41	3.77	3.20	3.19	3.20
20	3.16	3.14	3.15	3.09	3.08	3.08	3.58	3.31	3.39	3.20	3.19	3.20
21	3.14	3.12	3.13	3.08	3.07	3.08	3.31	3.27	3.29	3.20	3.19	3.19
22	3.12	3.10	3.11	3.07	3.06	3.06	3.28	3.25	3.26	3.19	3.17	3.18
23	3.10	3.08	3.09	3.06	3.05	3.05	3.51	3.22	3.26	3.17	3.17	3.17
24	3.08	3.07	3.08	3.05	3.04	3.05	3.62	3.36	3.48	3.17	3.17	3.17
25	3.07	3.06	3.07	3.05	3.04	3.04	3.36	3.28	3.31	3.17	3.16	3.17
26	3.07	3.05	3.06	3.05	3.05	3.05	3.28	3.25	3.27	3.16	3.15	3.15
27	3.05	3.04	3.04	3.05	3.03	3.04	3.25	3.24	3.24	3.15	3.14	3.15
28	3.04	3.02	3.03	3.03	3.02	3.03	3.24	3.22	3.23	3.17	3.15	3.16
29	3.05	3.03	3.04	3.02	3.02	3.02	3.22	3.22	3.22	3.21	3.17	3.20
30	3.03	3.01	3.02	3.02	3.00	3.01	3.24	3.22	3.23	3.19	3.17	3.18
31	3.01	2.98	2.99	---	---	---	3.24	3.23	3.24	3.17	3.17	3.17
MONTH	3.84	2.83	3.06	3.10	2.95	3.04	3.90	2.98	3.23	3.25	3.14	3.20

