

GROUND-WATER LEVELS

WAKE COUNTY—Continued

354356078403504. County number, WK-279A; DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well).

LOCATION.--Lat 35°43'56.2", long 78°40'34.1", Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on NCSU Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

WATER-LEVEL RECORDS

AQUIFER.--Raleigh Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 75 ft, diameter 6 in., cased to 47 ft, open hole from 47 to 75 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at station.

DATUM.--Land-surface datum is 339.36 ft above NGVD of 1929. Measuring point: Top of instrument shelter floor, 2.60 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project. Inflatable packer installed on July 16, 2001. Packer set at 75 ft below land surface. Well is upper zone of MW-1D (WK-279, 354356078403503).

PERIOD OF RECORD.--July 2002 to September 2002.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.05 ft below land-surface datum, Apr. 10, 2003; lowest water level recorded 6.02 ft below land-surface datum, Aug. 13, 29, 2002.

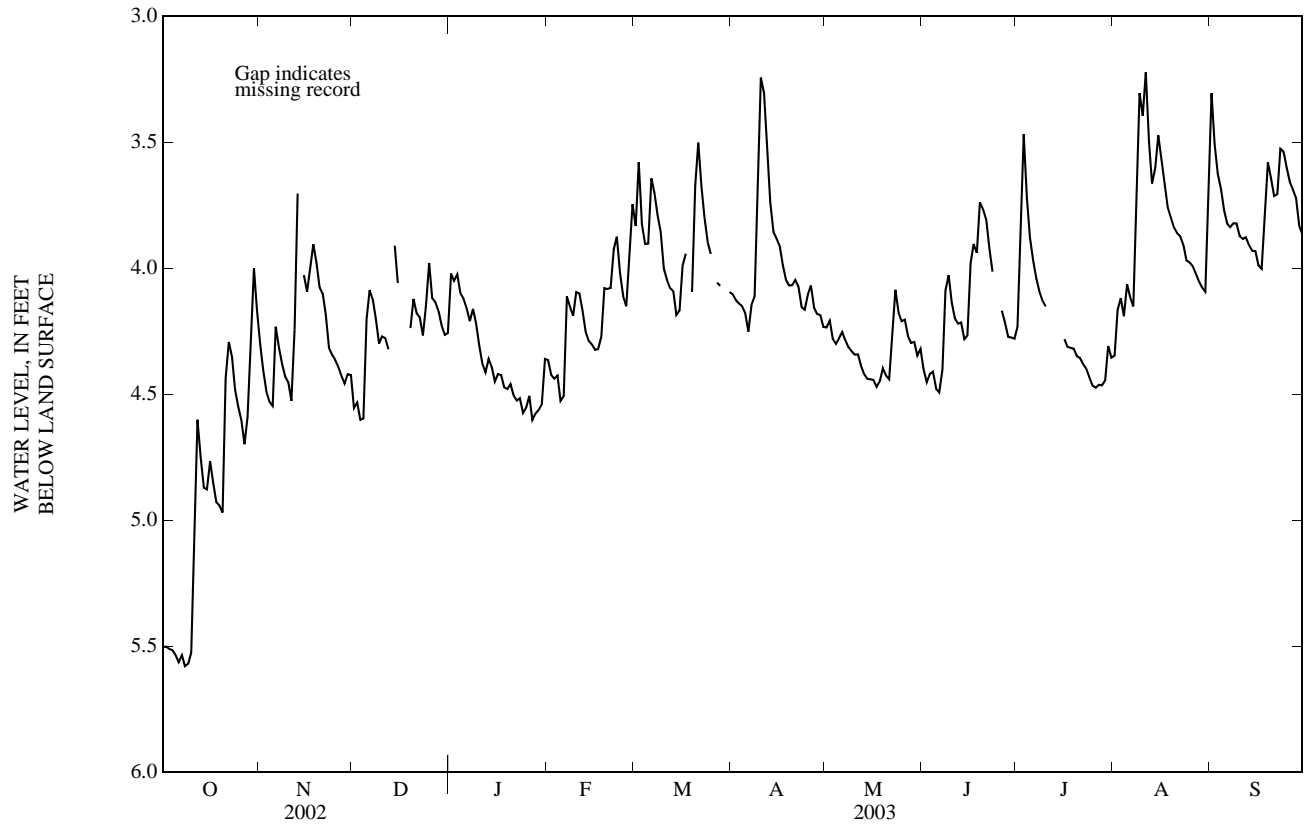
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.50	4.30	4.55	4.02	4.36	3.83	4.10	4.24	4.40	4.23	4.35	3.31
2	5.50	4.41	4.53	4.05	4.42	3.58	4.13	4.21	4.45	3.81	4.16	3.51
3	5.51	4.49	4.60	4.03	4.44	3.83	4.14	4.28	4.42	3.47	4.12	3.63
4	5.52	4.53	4.60	4.10	4.43	3.90	4.15	4.30	4.41	3.72	4.19	3.69
5	5.54	4.55	4.20	4.12	4.53	3.90	4.18	4.28	4.48	3.88	4.06	3.77
6	5.56	4.23	4.09	4.16	4.51	3.64	4.25	4.25	4.49	3.97	4.11	3.82
7	5.54	4.31	4.13	4.21	4.11	3.70	4.15	4.29	4.40	4.04	4.15	3.84
8	5.58	4.38	4.20	4.16	4.15	3.79	4.11	4.31	4.09	4.09	3.81	3.82
9	5.57	4.43	4.30	4.22	4.19	3.86	3.73	4.33	4.03	4.13	3.31	3.82
10	5.52	4.45	4.27	4.31	4.10	4.00	3.24	4.34	4.14	4.15	3.40	3.87
11	5.03	4.53	4.28	4.38	4.10	4.05	3.31	4.34	4.20	---	3.22	3.88
12	4.60	4.24	4.32	4.41	4.17	4.08	3.53	4.39	4.22	---	3.50	3.88
13	4.75	3.70	---	4.36	4.25	4.09	3.74	4.42	4.22	---	3.66	3.91
14	4.87	---	3.91	4.39	4.29	4.19	3.86	4.44	4.28	---	3.60	3.93
15	4.88	4.03	4.06	4.45	4.30	4.17	3.88	4.44	4.27	---	3.47	3.93
16	4.77	4.09	---	4.42	4.32	3.99	3.91	4.44	3.98	4.28	3.57	3.99
17	4.85	3.99	---	4.42	4.32	3.94	3.99	4.47	3.90	4.31	3.67	4.00
18	4.93	3.91	---	4.47	4.27	---	4.05	4.45	3.94	4.32	3.76	3.79
19	4.94	3.98	4.24	4.48	4.08	4.10	4.07	4.40	3.74	4.32	3.80	3.58
20	4.97	4.08	4.12	4.46	4.08	3.67	4.07	4.43	3.77	4.35	3.84	3.65
21	4.44	4.10	4.18	4.50	4.08	3.50	4.05	4.44	3.81	4.36	3.86	3.71
22	4.29	4.19	4.19	4.53	3.92	3.68	4.07	4.26	3.92	4.38	3.87	3.71
23	4.35	4.32	4.27	4.52	3.88	3.80	4.16	4.09	4.01	4.40	3.91	3.53
24	4.48	4.34	4.15	4.57	4.02	3.90	4.17	4.18	---	4.43	3.97	3.54
25	4.55	4.36	3.98	4.55	4.11	3.94	4.11	4.21	---	4.47	3.98	3.60
26	4.60	4.39	4.12	4.51	4.15	---	4.07	4.21	4.17	4.47	3.99	3.66
27	4.70	4.43	4.13	4.60	3.93	4.06	4.16	4.27	4.22	4.46	4.02	3.69
28	4.59	4.46	4.17	4.58	3.75	4.07	4.18	4.30	4.27	4.46	4.05	3.72
29	4.25	4.42	4.23	4.56	---	---	4.19	4.29	4.28	4.45	4.08	3.83
30	4.00	4.42	4.26	4.54	---	---	4.23	4.35	4.28	4.31	4.09	3.86
31	4.17	---	4.26	4.36	---	4.10	---	4.32	---	4.36	3.79	---

WTR YR 2003 MEAN 4.19 HIGH 3.22 LOW 5.58

WAKE COUNTY—Continued

354356078403504. County number, WK-279A; DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well).



354356078403504 WK-279A DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well)—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 2002 to current year.

pH: July 2002 to current year.

WATER TEMPERATURE: July 2002 to current year.

DISSOLVED OXYGEN: July 2002 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION: July 2002 to current year.

INSTRUMENTATION.-- Water-quality monitor with satellite telemetry from July 2002 to present.

REMARKS.--Station operated in cooperation with North Carolina Department of Environment and Natural Resources, Water Resources Division as part of the Piedmont/Mountains ground-water project. Inflatable packer was installed on July 16, 2002. Packer was set at a depth of 75 ft below land surface. Well is upper zone of MW-1D (WK-279, station number 354356078403503). Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	719, May 15, 2003	599, September 7, 2002
pH, standard units	6.1, on many days during the period	5.5, September 19, 20, 2003
WATER TEMPERATURE, °C	16.1, on many days during the period	16.1, on many days during the period
DISSOLVED OXYGEN, mg/L	3.1, March 9, 2003	0.2, on many days during the period
DISSOLVED OXYGEN, PERCENT SATURATION,%	32, March 9, 2003	2, on many days during the peirod

EXTREMES FOR CURRENT YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	719, May 15	509, December 13
pH, standard units	6.1, on many days during the year	5.5, September 19, 20
WATER TEMPERATURE, °C	16.1, on many days during the year	16.1, on many days during the year
DISSOLVED OXYGEN, mg/L	3.1, March 9	0.2, on many days during the year
DISSOLVED OXYGEN, PERCENT SATURATION,%	32, March 9	2, on many days during the year

354356078403504 WK-279A DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	669	584	592	643	672	644	674	689	684	673	700	686
2	669	583	594	651	671	643	682	693	678	667	704	695
3	669	577	596	652	667	649	682	692	681	677	705	696
4	669	577	597	639	658	656	682	690	684	682	701	694
5	669	572	578	658	643	660	682	690	684	682	700	689
6	670	563	582	658	632	636	679	691	679	683	699	686
7	671	570	594	651	605	649	678	693	679	678	694	686
8	672	574	602	661	619	651	676	697	667	676	677	687
9	673	581	593	673	624	651	653	697	670	675	690	688
10	674	583	596	676	662	656	640	699	679	677	698	690
11	672	580	595	654	648	655	681	698	680	---	696	694
12	664	571	584	648	656	655	690	694	679	---	694	699
13	646	602	554	665	652	656	683	694	676	---	685	700
14	640	616	584	668	654	654	678	703	672	---	674	702
15	633	616	595	668	653	664	675	714	671	---	672	701
16	632	614	---	670	650	660	675	713	655	692	675	702
17	626	613	---	664	655	673	675	709	664	693	675	702
18	622	613	---	667	643	---	670	708	670	690	676	703
19	623	610	643	668	639	668	676	705	667	689	677	712
20	621	608	650	666	649	639	677	711	668	688	678	714
21	594	606	633	666	652	671	682	712	666	690	679	712
22	601	601	634	666	642	678	682	711	663	690	681	711
23	603	598	638	663	644	676	682	709	661	690	683	709
24	600	600	636	671	652	673	682	708	---	694	684	710
25	596	599	625	676	652	---	687	701	---	699	687	710
26	594	595	640	682	653	---	692	698	658	699	688	708
27	588	597	648	677	623	665	690	693	659	702	688	707
28	590	592	652	682	626	670	689	691	661	703	688	705
29	589	597	650	690	---	---	691	690	662	699	691	705
30	584	602	650	679	---	---	692	687	665	692	692	705
31	588	---	657	668	---	672	---	684	---	695	675	---
MEAN	633	593	---	665	646	---	679	699	---	---	687	700
MAX	674	616	---	690	672	---	692	714	---	---	705	714
MIN	584	563	---	639	605	---	640	684	---	---	672	686

354356078403504 WK-279A DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well)—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.6	5.7	5.8	6.0	6.1	6.0	6.0	5.8	5.7	5.7	5.6	5.6
2	5.6	5.7	5.8	6.0	6.1	6.0	5.9	5.8	5.8	5.6	5.6	5.6
3	5.6	5.7	5.8	6.1	6.1	6.0	5.9	5.8	5.8	5.6	5.7	5.6
4	5.6	5.7	5.8	6.1	6.0	6.0	5.9	5.8	5.8	5.6	5.7	5.6
5	5.6	5.7	5.8	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.7	5.6
6	5.6	5.7	5.8	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.7	5.6
7	5.6	5.7	5.8	6.0	5.9	6.0	5.9	5.7	5.7	5.6	5.7	5.6
8	5.6	5.7	5.8	6.1	6.0	6.0	5.9	5.7	5.7	5.7	5.7	5.6
9	5.7	5.7	5.8	6.0	6.0	6.0	5.9	5.7	5.7	5.7	5.7	5.6
10	5.7	5.7	5.8	6.1	6.0	6.0	5.9	5.7	5.7	5.7	5.6	5.6
11	5.7	5.7	5.8	6.0	6.0	6.0	5.8	5.7	5.7	---	5.6	5.6
12	5.7	5.7	5.8	6.0	6.0	6.0	5.8	5.7	5.7	---	5.6	5.6
13	5.7	5.7	5.8	6.0	6.0	6.0	5.8	5.7	5.7	---	5.6	5.6
14	5.7	5.7	5.8	6.0	6.0	6.0	5.8	5.7	5.7	---	5.6	5.6
15	5.7	5.7	5.8	6.0	6.0	6.0	5.8	5.8	5.7	---	5.6	5.6
16	5.7	5.7	---	6.0	6.0	6.0	5.8	5.8	5.7	5.7	5.6	5.6
17	5.7	5.7	---	6.0	6.0	6.0	5.8	5.8	5.7	5.7	5.6	5.6
18	5.7	5.7	---	6.0	6.0	---	5.8	5.8	5.7	5.7	5.6	5.6
19	5.7	5.7	6.1	6.0	6.0	6.0	5.8	5.8	5.7	5.7	5.6	5.6
20	5.7	5.7	6.1	6.0	6.0	6.0	5.8	5.8	5.6	5.7	5.6	5.5
21	5.7	5.7	6.1	6.0	6.0	6.0	5.8	5.8	5.6	5.7	5.6	5.6
22	5.7	5.7	6.0	6.1	6.0	6.0	5.8	5.7	5.6	5.7	5.6	5.6
23	5.7	5.7	6.0	6.1	6.0	5.9	5.7	5.7	5.6	5.7	5.6	5.6
24	5.7	5.8	6.1	6.0	6.0	5.9	5.7	5.7	---	5.6	5.6	5.6
25	5.7	5.8	6.1	6.0	6.0	---	5.7	5.7	---	5.6	5.6	5.6
26	5.7	5.8	6.1	6.1	6.0	---	5.7	5.7	5.7	5.6	5.7	5.6
27	5.7	5.8	6.1	6.1	6.0	5.9	5.7	5.7	5.7	5.6	5.6	5.6
28	5.6	5.8	6.1	6.1	6.0	6.0	5.8	5.7	5.7	5.6	5.6	5.6
29	5.6	5.8	6.1	6.1	---	---	5.8	5.7	5.7	5.6	5.6	5.6
30	5.6	5.8	6.1	6.1	---	---	5.8	5.7	5.7	5.6	5.6	5.6
31	5.6	---	6.0	6.1	---	6.0	---	5.7	---	5.6	5.6	---
MEAN	5.7	5.7	---	6.0	6.0	---	5.8	5.7	---	---	5.6	5.6
MAX	5.7	5.8	---	6.1	6.1	---	6.0	5.8	---	---	5.7	5.6
MIN	5.6	5.7	---	6.0	5.9	---	5.7	5.7	---	---	5.6	5.5

354356078403504 WK-279A DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
2	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
4	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
6	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
8	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
10	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
11	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1
12	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1
13	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1
14	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1
15	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1
16	16.1	16.1	---	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
17	16.1	16.1	---	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
18	16.1	16.1	---	16.1	16.1	---	16.1	16.1	16.1	16.1	16.1	16.1
19	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
20	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
21	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
22	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
23	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
24	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1	16.1
25	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1	---	16.1	16.1	16.1
26	16.1	16.1	16.1	16.1	16.1	---	16.1	16.1	16.1	16.1	16.1	16.1
27	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
28	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
29	16.1	16.1	16.1	16.1	---	---	16.1	16.1	16.1	16.1	16.1	16.1
30	16.1	16.1	16.1	16.1	---	---	16.1	16.1	16.1	16.1	16.1	16.1
31	16.1	---	16.1	16.1	---	16.1	---	16.1	---	16.1	16.1	---
MEAN	16.1	16.1	---	16.1	16.1	---	16.1	16.1	---	---	16.1	16.1
MAX	16.1	16.1	---	16.1	16.1	---	16.1	16.1	---	---	16.1	16.1
MIN	16.1	16.1	---	16.1	16.1	---	16.1	16.1	---	---	16.1	16.1

354356078403504 WK-279A DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.7	1.0	0.7	0.9	1.0	0.7	0.7	0.5	0.6	0.3	0.5
2	0.2	0.7	1.0	0.8	0.9	0.7	0.6	0.6	0.6	0.7	0.2	0.4
3	0.2	0.7	1.0	0.8	0.9	0.6	0.6	0.7	0.5	0.6	0.2	0.4
4	0.2	0.7	1.0	1.0	0.8	0.5	0.6	0.7	0.5	0.6	0.2	0.4
5	0.2	0.8	1.2	0.6	1.0	0.7	0.7	0.7	0.5	0.5	0.2	0.4
6	0.2	0.9	1.1	0.7	1.0	0.9	0.7	0.6	0.5	0.5	0.2	0.4
7	0.2	0.8	1.0	1.0	1.0	0.8	0.7	0.6	0.5	0.6	0.2	0.3
8	0.2	0.8	0.9	1.0	0.9	1.5	0.7	0.5	0.6	0.6	0.4	0.3
9	0.2	0.8	1.0	0.8	0.7	1.8	0.9	0.5	0.6	0.6	0.3	0.3
10	0.2	0.8	0.9	0.8	0.8	0.9	1.0	0.6	0.6	0.6	0.3	0.3
11	0.2	0.8	0.9	0.7	0.7	0.7	0.7	0.6	0.6	---	0.3	0.3
12	0.2	1.0	1.0	0.6	0.6	0.8	0.7	0.6	0.5	---	0.3	0.3
13	0.3	1.0	1.3	0.8	0.5	0.7	0.8	---	0.5	---	0.3	0.3
14	0.4	0.9	1.0	0.8	0.4	0.6	0.8	---	0.6	---	0.4	0.3
15	0.4	0.9	0.9	0.7	0.4	0.7	0.7	---	0.6	---	0.4	0.3
16	0.3	0.9	---	0.7	0.4	0.7	0.7	---	0.7	0.4	0.3	0.3
17	0.3	0.8	---	0.7	0.4	0.7	0.7	---	0.6	0.4	0.3	0.3
18	0.4	0.8	---	0.7	0.4	---	0.8	---	0.5	0.4	0.3	0.3
19	0.3	0.9	0.7	0.8	0.5	0.8	0.8	---	0.6	0.4	0.3	0.2
20	0.3	0.9	0.4	0.8	0.4	1.0	0.8	---	0.6	0.4	0.3	0.2
21	0.6	0.9	0.4	0.8	0.5	0.7	0.8	---	0.6	0.4	0.3	0.2
22	0.6	1.0	0.5	0.8	0.7	0.8	0.8	0.4	0.6	0.4	0.3	0.2
23	0.6	1.0	0.4	0.8	0.5	0.8	0.8	0.5	0.6	0.4	0.3	0.2
24	0.6	1.0	0.5	0.8	0.5	0.8	0.8	0.5	---	0.4	0.3	0.2
25	0.6	1.0	0.6	0.9	0.5	---	0.7	0.5	---	0.3	0.3	0.2
26	0.6	1.0	0.7	0.9	0.6	---	0.7	0.5	0.8	0.3	0.3	0.3
27	0.6	1.0	0.7	0.9	0.9	0.7	0.6	0.5	0.8	0.3	0.4	0.3
28	0.6	1.0	0.6	0.8	1.0	0.7	0.7	0.5	0.7	0.3	0.4	0.3
29	0.6	1.0	0.6	0.8	---	---	0.6	0.5	0.7	0.3	0.4	0.3
30	0.7	0.9	0.7	0.8	---	---	0.7	0.5	0.7	0.4	0.4	0.3
31	0.6	---	0.7	0.8	---	0.7	---	0.5	---	0.3	0.6	---
MEAN	0.4	0.9	---	0.8	0.7	---	0.7	---	---	---	0.3	0.3
MAX	0.7	1.0	---	1.0	1.0	---	1.0	---	---	---	0.6	0.5
MIN	0.2	0.7	---	0.6	0.4	---	0.6	---	---	---	0.2	0.2

354356078403504 WK-279A DENR Lake Wheeler Research Station MW-1D Upper Zone (Bedrock well)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2	7	10	7	9	10	7	7	5	6	3	5
2	2	7	10	8	9	7	6	6	6	7	2	4
3	2	7	10	8	9	6	6	7	5	6	2	4
4	2	7	10	10	8	5	6	7	5	6	2	4
5	2	8	12	6	10	7	7	7	5	5	2	4
6	2	9	11	7	10	9	7	6	5	5	2	4
7	2	8	10	10	10	8	7	6	5	6	2	3
8	2	8	9	10	9	15	7	5	6	6	4	3
9	2	8	10	8	7	18	9	5	6	6	3	3
10	2	8	9	8	8	9	10	6	6	6	3	3
11	2	8	9	7	7	7	7	6	6	---	3	3
12	2	10	10	6	6	8	7	6	5	---	3	3
13	3	10	13	8	5	7	8	---	5	---	3	3
14	4	9	10	8	4	6	8	---	6	---	4	3
15	4	9	9	7	4	7	7	---	6	---	4	3
16	3	9	---	7	4	7	7	---	7	4	3	3
17	3	8	---	7	4	7	7	---	6	4	3	3
18	4	8	---	7	4	---	8	---	5	4	3	3
19	3	9	7	8	5	8	8	---	6	4	3	2
20	3	9	4	8	4	10	8	---	6	4	3	2
21	6	9	4	8	5	7	8	---	6	4	3	2
22	6	10	5	8	7	8	8	4	6	4	3	2
23	6	10	4	8	5	8	8	4	6	4	3	2
24	6	10	5	8	5	8	8	5	---	4	3	2
25	6	10	6	9	5	---	7	5	---	3	3	2
26	6	10	7	9	6	---	6	5	8	3	3	3
27	6	10	7	9	9	7	6	5	8	3	4	3
28	6	10	6	8	10	6	7	5	7	3	4	3
29	6	10	6	8	---	---	6	5	7	3	4	3
30	7	9	7	8	---	---	7	5	7	4	4	3
31	6	---	7	8	---	7	---	5	---	3	6	---
MEAN	4	9	---	8	7	---	7	---	---	---	3	3
MAX	7	10	---	10	10	---	10	---	---	---	6	5
MIN	2	7	---	6	4	---	6	---	---	---	2	2