354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Wake County, NC

LOCATION.--Lat 35°43′16″, long 78°30′02″ referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, 9.3 mi east south east of Raleigh. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 42 ft, diameter 4 in., cased to 27 ft, screened interval from 27 to 42 ft, sand filter packed from 21 to 42 ft.

DATUM.--Land-surface datum is 189.65 ft above North American Vertical Datum of 1988. Measuring point: instrument shelf floor, 2.51 ft above land-surface datum, December 16, 2005, to present.

PERIOD OF RECORD.--May 2005 to current year. Continuous record began December 2005.

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

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.14 ft below land-surface datum, May 9, 2005; lowest water level measured, 19.84 ft below land-surface datum, September 30, 2007.
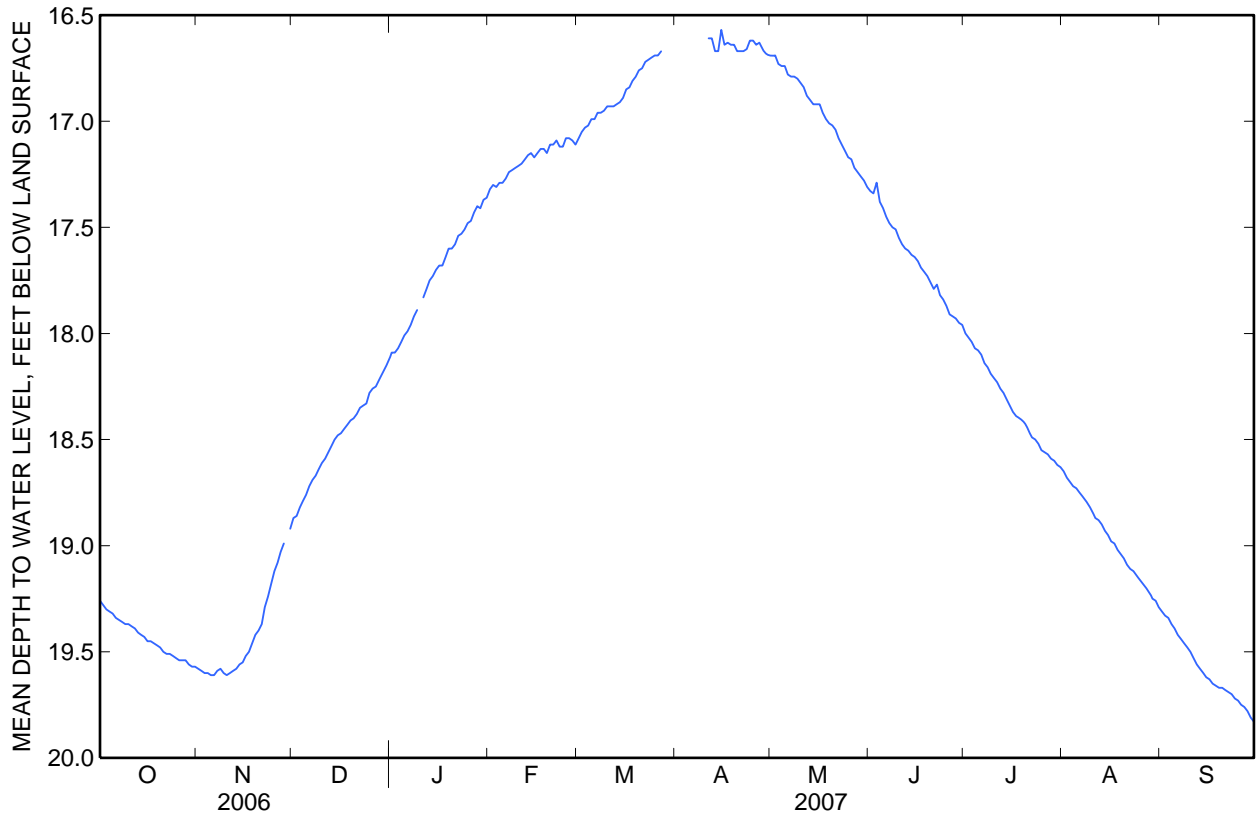
U.S. Department of the Interior
U.S. Geological Survey

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19.26	19.58	18.87	18.09	17.32	17.08	---	16.69	17.33	18.00	18.65	19.31
2	19.28	19.59	18.86	18.09	17.30	17.05	---	16.69	17.34	18.02	18.68	19.33
3	19.30	19.60	18.82	18.07	17.31	17.03	---	16.73	17.29	18.04	18.70	19.34
4	19.31	19.60	18.79	18.04	17.29	17.02	---	16.74	17.38	18.07	18.72	19.37
5	19.32	19.61	18.76	18.01	17.29	16.99	---	16.74	17.41	18.08	18.73	19.39
6	19.34	19.61	18.72	17.99	17.27	16.99	---	16.78	17.45	18.10	18.75	19.42
7	19.35	19.59	18.69	17.96	17.24	16.96	---	16.79	17.48	18.14	18.77	19.44
8	19.36	19.58	18.67	17.92	17.23	16.96	---	16.79	17.50	18.16	18.79	19.46
9	19.37	19.60	18.64	17.89	17.22	16.95	---	16.80	17.51	18.19	18.81	19.48
10	19.37	19.61	18.61	---	17.21	16.93	---	16.82	17.55	18.21	18.84	19.50
11	19.38	19.60	18.59	17.83	17.20	16.93	16.61	16.84	17.58	18.23	18.87	19.53
12	19.39	19.59	18.56	17.79	17.18	16.93	16.61	16.88	17.60	18.26	18.88	19.56
13	19.41	19.58	18.53	17.75	17.16	16.92	16.67	16.90	17.61	18.28	18.90	19.58
14	19.42	19.56	18.50	17.73	17.15	16.91	16.67	16.92	17.63	18.31	18.93	19.60
15	19.43	19.55	18.48	17.70	17.17	16.89	16.57	16.92	17.64	18.34	18.95	19.62
16	19.45	19.52	18.47	17.68	17.15	16.85	16.64	16.92	17.66	18.37	18.98	19.63
17	19.45	19.50	18.45	17.68	17.13	16.84	16.63	16.96	17.69	18.39	18.99	19.65
18	19.46	19.46	18.43	17.64	17.13	16.81	16.64	16.99	17.71	18.40	19.02	19.66
19	19.47	19.42	18.41	17.60	17.15	16.79	16.64	17.01	17.73	18.41	19.04	19.67
20	19.48	19.40	18.40	17.60	17.11	16.76	16.67	17.02	17.76	18.43	19.06	19.67
21	19.50	19.37	18.38	17.58	17.11	16.75	16.67	17.04	17.79	18.46	19.09	19.68
22	19.51	19.29	18.35	17.54	17.09	16.72	16.67	17.08	17.77	18.49	19.11	19.69
23	19.51	19.24	18.34	17.53	17.12	16.71	16.66	17.11	17.82	18.50	19.12	19.70
24	19.52	19.18	18.33	17.51	17.12	16.70	16.62	17.14	17.84	18.52	19.14	19.72
25	19.53	19.12	18.28	17.48	17.08	16.69	16.62	17.17	17.87	18.55	19.16	19.73
26	19.54	19.08	18.26	17.47	17.08	16.69	16.64	17.18	17.91	18.56	19.18	19.75
27	19.54	19.03	18.25	17.43	17.09	16.67	16.63	17.22	17.92	18.57	19.20	19.76
28	19.54	18.99	18.22	17.40	17.11	---	16.66	17.24	17.93	18.59	19.22	19.78
29	19.56	---	18.19	17.41	---	---	16.68	17.26	17.95	18.60	19.25	19.81
30	19.57	18.92	18.16	17.37	---	---	16.69	17.28	17.96	18.62	19.26	19.83
31	19.57	---	18.13	17.36	---	---	---	17.31	---	18.63	19.29	---
Mean	19.44	19.43	18.49	17.70	17.18	16.87	16.64	16.97	17.65	18.34	18.97	19.59
Max	19.57	19.61	18.87	18.09	17.32	17.08	16.69	17.31	17.96	18.63	19.29	19.83
Min	19.26	18.92	18.13	17.36	17.08	16.67	16.57	16.69	17.29	18.00	18.65	19.31

	Calendar Year 2006	Water Year 2007
Mean	18.37	18.16
High	17.61	16.57
Low	19.61	19.83

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354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2006, 2007.

PERIOD OF DAILY RECORD.--
   SPECIFIC CONDUCTANCE: December 2005 to current year.
   pH: December 2005 to current year.
   WATER TEMPERATURE: December 2005 to current year.
   DISSOLVED OXYGEN: December 2005 to January 2007.
   DISSOLVED OXYGEN, PERCENT SATURATION: December 2005 to January 2007.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry December 2005 to current year. Electronic data logger with 60-minute recording interval.

REMARKS.--Well is part of Piedmont/Mountains ground-water study. Dissolved oxygen, percent saturation is computed using a barometric pressure of 760 mm of Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--
   SPECIFIC CONDUCTANCE: Maximum recorded, 1160 microsiemens, January 22, 2006; minimum recorded, 571 microsiemens, August 8, 11, 23, 2006.
   pH: Maximum recorded, 5.4 standard units, on several days during the period; minimum recorded, 4.7 standard units, on several days during the period.
   WATER TEMPERATURE: Maximum recorded, 16.7°C, on many days during the priod; minimum recorded, 16.1°C, on many days during the period.
   DISSOLVED OXYGEN: Maximum recorded, 6.0 mg/L, on many days during the period; minimum recorded, 4.2 mg/L, July 30, 2006.
   DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 62%, on many days during the period; minimum recorded, 43%, July 30, 2006.

EXTREMES FOR CURRENT YEAR.--
   SPECIFIC CONDUCTANCE: Maximum recorded, 980 microsiemens, January 18; minimum recorded, 589 microsiemens, October 6.
   pH: Maximum recorded, 5.3 standard units, April 2, 3; minimum recorded, 4.7 standard units, on several days during the year.
   WATER TEMPERATURE: Maximum recorded, 16.6°C, on many days during the year; minimum recorded, 16.1°C, on many days during the year.
   DISSOLVED OXYGEN: Maximum recorded, 6.0 mg/L, on many days during the year; minimum recorded, 4.8 mg/L, on several days during the year.
   DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 62%, on many days during the year; minimum recorded, 49%, on several days during the year.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 1 of 2
[Remark codes: <, less than; E, estimated.]

Date	Time	Depth of well, feet below LSD (72008)	Depth to top sample intrval feet below LSD (72015)	Water level, depth below MP, feet (61055)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	pH, water, unfltrd field, std units (00400)	Speci-fic conduc-tance, wat unf µS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
Sep 11...	1220	42	29.50	22.03	754	6.0	63	5.0	753	17.1	<.020	58.8	E.002

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 2 of 2
[Remark codes: <, less than; E, estimated.]

Date	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Rn-222 2-sigma water, unfltrd pCi/L (76002)	Rn-222, water, unfltrd pCi/L (82303)
Sep 11...	80.5	.019	46	2,140

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	622	597	609	683	665	675	910	872	892	906	888	897
2	621	597	611	695	673	684	907	877	887	910	891	901
3	621	596	608	708	686	696	907	880	893	915	897	906
4	617	592	608	723	702	712	900	877	892	915	897	907
5	616	592	604	736	715	726	898	875	887	916	891	905
6	616	589	605	744	729	738	897	879	888	914	892	903
7	608	601	603	755	738	746	894	878	887	907	890	898
8	608	603	605	765	738	752	897	880	888	907	885	897
9	613	600	609	783	757	769	899	881	889	908	886	897
10	617	607	611	796	772	784	897	873	889	---	---	---
11	---	---	---	802	778	791	895	870	886	---	---	---
12	622	615	619	805	785	794	893	869	884	---	---	---
13	620	615	617	818	793	802	900	869	882	---	---	---
14	620	616	618	822	797	809	890	871	880	---	---	---
15	621	617	619	833	803	820	887	869	878	---	---	---
16	620	615	617	833	811	822	892	871	882	---	---	---
17	618	613	615	---	---	---	889	870	878	979	975	978
18	617	611	614	828	805	815	888	871	879	980	975	978
19	616	612	614	835	808	823	890	869	880	976	973	974
20	619	613	615	848	820	836	892	870	882	975	973	974
21	621	617	619	852	838	844	891	869	880	976	972	975
22	624	620	622	864	841	851	888	867	877	972	966	969
23	627	622	624	859	829	842	885	863	872	966	965	966
24	635	623	629	847	825	837	886	865	874	966	965	965
25	639	627	634	866	835	855	885	861	874	967	965	966
26	643	630	636	877	848	866	879	857	866	969	966	968
27	647	636	641	890	858	878	874	855	866	970	969	969
28	652	636	644	895	869	885	884	864	872	971	969	970
29	658	639	649	---	---	---	894	873	883	975	971	973
30	667	648	659	904	877	892	899	875	890	975	974	975
31	671	657	666	---	---	---	905	885	898	976	974	975
Month	---	---	---	---	---	---	910	855	882	---	---	---

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	975	970	973	931	928	930	922	902	919	901	900	901
2	971	968	969	928	924	926	902	864	872	901	900	900
3	971	969	970	928	925	926	888	876	883	900	899	900
4	971	969	970	939	928	933	896	888	892	899	898	898
5	970	969	969	947	939	943	902	896	899	898	897	897
6	970	966	968	950	947	949	906	902	904	898	896	897
7	966	963	964	952	950	951	908	906	907	896	894	895
8	964	963	964	952	951	951	909	908	909	895	893	894
9	964	962	963	951	950	950	911	909	910	893	891	892
10	962	961	961	950	950	950	912	911	911	892	888	890
11	962	960	961	950	949	950	912	911	912	889	885	887
12	961	957	959	950	949	950	913	911	912	886	881	883
13	958	953	956	950	950	950	912	911	912	882	880	881
14	953	949	950	950	950	950	912	910	911	880	877	879
15	951	949	950	951	950	950	912	910	911	877	873	875
16	950	948	949	951	950	950	912	910	911	873	867	870
17	949	946	948	950	947	948	910	909	910	868	864	866
18	947	946	947	950	947	949	910	908	909	864	860	862
19	948	946	948	950	949	949	909	907	908	860	856	858
20	946	943	945	949	945	946	907	906	906	856	850	853
21	943	942	943	945	942	943	906	904	905	850	844	847
22	943	941	942	943	941	942	905	904	904	845	839	842
23	942	941	942	942	940	941	904	903	904	839	832	836
24	941	939	940	941	936	939	904	903	903	832	823	828
25	939	934	937	937	934	935	904	902	903	823	812	818
26	935	933	934	935	932	934	903	903	903	812	801	807
27	934	932	933	932	931	931	903	902	902	801	789	796
28	933	931	932	---	---	---	903	902	902	789	778	784
29	---	---	---	923	916	921	903	902	903	778	766	773
30	---	---	---	916	910	913	902	901	902	766	755	761
31	---	---	---	921	912	915	---	---	---	755	743	749
Month	975	931	953	---	---	---	922	864	905	901	743	855

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	743	731	738	635	634	634	624	623	624	610	608	609
2	731	721	727	635	634	635	624	623	624	609	608	609
3	721	712	716	636	634	635	625	623	624	609	608	608
4	713	707	711	635	634	634	625	624	624	608	607	608
5	708	704	706	634	632	633	624	623	623	608	607	607
6	705	703	704	633	630	632	623	622	623	608	607	607
7	---	---	---	632	629	630	623	621	622	608	607	607
8	692	688	690	630	628	629	---	---	---	608	607	607
9	688	684	686	628	626	627	615	613	614	607	606	607
10	685	682	684	627	624	625	613	612	612	607	606	606
11	683	678	680	625	623	624	612	611	612	---	---	---
12	679	675	678	623	621	623	612	611	611	---	---	---
13	676	673	674	622	621	622	611	611	611	---	---	---
14	673	672	672	621	620	621	611	610	610	---	---	---
15	673	670	672	621	620	621	611	610	610	---	---	---
16	671	669	670	620	619	620	610	609	610	---	---	---
17	669	667	668	620	618	619	609	609	609	---	---	---
18	667	663	665	618	616	617	609	608	609	627	623	625
19	664	659	662	619	617	618	609	608	608	623	619	621
20	660	656	658	618	617	618	609	608	608	620	618	619
21	657	654	655	619	617	619	608	607	608	619	618	618
22	655	650	652	620	618	619	608	607	607	619	618	618
23	650	647	649	620	619	620	609	607	608	620	619	619
24	647	644	646	621	619	620	610	608	609	620	620	620
25	645	642	643	623	620	621	610	609	609	620	617	619
26	642	640	641	623	622	622	610	609	609	617	614	616
27	640	635	637	623	621	622	610	609	609	614	611	613
28	636	634	635	623	621	622	610	609	609	611	609	610
29	634	633	634	622	622	622	610	609	610	609	606	608
30	635	633	634	623	621	623	610	609	610	606	604	605
31	---	---	---	624	622	623	610	609	609	---	---	---
Month	---	---	---	636	616	624	---	---	---	---	---	---

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PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			**November**			**December**			**January**		
1	5.2	5.2	5.2	5.1	5.1	5.1	4.9	4.8	4.9	4.8	4.8	4.8
2	5.2	5.2	5.2	5.1	5.1	5.1	4.8	4.8	4.8	4.8	4.8	4.8
3	5.2	5.2	5.2	5.1	5.1	5.1	4.8	4.8	4.8	4.8	4.8	4.8
4	5.2	5.2	5.2	5.1	5.0	5.1	4.8	4.8	4.8	4.8	4.8	4.8
5	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	4.8	4.8	4.8
6	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	4.8	4.8	4.8
7	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	4.8	4.8	4.8
8	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	4.8	4.8	4.8
9	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	4.8	4.8	4.8
10	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	---	---	---
11	---	---	---	5.0	5.0	5.0	4.8	4.8	4.8	---	---	---
12	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	---	---	---
13	5.2	5.2	5.2	5.0	5.0	5.0	4.8	4.8	4.8	---	---	---
14	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.8	4.8	---	---	---
15	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	---	---	---
16	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	---	---	---
17	5.2	5.2	5.2	---	---	---	4.9	4.9	4.9	4.9	4.9	4.9
18	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
19	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
20	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
21	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
22	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
23	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
24	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
25	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
26	5.2	5.2	5.2	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9
27	5.2	5.1	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
28	5.1	5.1	5.1	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
29	5.1	5.1	5.1	---	---	---	4.9	4.8	4.8	4.9	4.9	4.9
30	5.1	5.1	5.1	4.9	4.9	4.9	4.8	4.8	4.8	4.9	4.9	4.9
31	5.1	5.1	5.1	---	---	---	4.8	4.8	4.8	4.9	4.9	4.9
Max	---	---	---	---	---	---	4.9	4.9	4.9	---	---	---
Min	---	---	---	---	---	---	4.8	4.8	4.8	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		February			March			April			May	
1	4.9	4.9	4.9	4.9	4.8	4.8	5.2	5.1	5.1	5.0	5.0	5.0
2	4.9	4.9	4.9	4.9	4.8	4.9	5.3	5.2	5.3	5.0	5.0	5.0
3	4.9	4.9	4.9	4.9	4.8	4.9	5.3	5.2	5.2	5.0	5.0	5.0
4	4.9	4.9	4.9	4.9	4.8	4.8	5.2	5.2	5.2	5.0	5.0	5.0
5	4.9	4.8	4.9	4.8	4.8	4.8	5.2	5.1	5.1	5.0	4.9	5.0
6	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.1	5.1	4.9	4.9	4.9
7	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.1	5.1	4.9	4.9	4.9
8	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.1	5.1	4.9	4.9	4.9
9	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.1	5.1	4.9	4.9	4.9
10	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.0	5.0	4.9	4.9	4.9
11	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.0	4.9	4.9	4.9
12	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.0	4.9	4.9	4.9
13	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.0	4.9	4.9	4.9
14	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.0	4.9	4.9	4.9
15	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.0	5.0	4.9	4.9
16	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.0	5.0	4.9	5.0
17	4.8	4.8	4.8	4.8	4.7	4.8	5.0	5.0	5.0	5.0	5.0	5.0
18	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
19	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
20	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
21	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
22	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
23	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
24	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
25	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
26	4.8	4.8	4.8	4.7	4.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0
27	4.8	4.8	4.8	4.8	4.7	4.8	5.0	5.0	5.0	5.0	5.0	5.0
28	4.8	4.8	4.8	---	---	---	5.0	5.0	5.0	5.0	5.0	5.0
29	---	---	---	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
30	---	---	---	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.0	5.1
31	---	---	---	5.1	5.0	5.0	---	---	---	5.1	5.0	5.1
Max	4.9	4.9	4.9	---	---	---	5.3	5.2	5.3	5.1	5.0	5.1
Min	4.8	4.8	4.8	---	---	---	5.0	5.0	5.0	4.9	4.9	4.9

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		June			July			August			September	
1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1
2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1
3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1
4	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1
5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1
6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1
7	---	---	---	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1
8	5.0	4.9	4.9	5.0	5.0	5.0	---	---	---	5.1	5.1	5.1
9	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1
10	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.1	5.2	5.1	5.1	5.1
11	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.2	5.2	---	---	---
12	5.0	5.0	5.0	5.1	5.0	5.0	5.2	5.2	5.2	---	---	---
13	5.0	5.0	5.0	5.1	5.0	5.0	5.2	5.2	5.2	---	---	---
14	5.0	5.0	5.0	5.1	5.0	5.1	5.2	5.2	5.2	---	---	---
15	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	---	---	---
16	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	---	---	---
17	5.0	5.0	5.0	5.1	5.0	5.0	5.2	5.2	5.2	---	---	---
18	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.1	5.0	5.1
19	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.0	5.0	5.0
20	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.0	5.0	5.0
21	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.0	5.0	5.0
22	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.1	5.1	5.0	5.0	5.0
23	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0
24	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0
25	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0
26	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0
27	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0
28	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0
29	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0
30	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.0	5.0
31	---	---	---	5.0	5.0	5.0	5.1	5.1	5.1	---	---	---
Max	---	---	---	5.1	5.1	5.1	---	---	---	---	---	---
Min	---	---	---	5.0	5.0	5.0	---	---	---	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	16.2	16.2	16.2	16.3	16.2	16.2	16.4	16.4	16.4	16.6	16.5	16.5
2	16.2	16.2	16.2	16.3	16.2	16.3	16.4	16.4	16.4	16.6	16.5	16.5
3	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.6	16.5	16.5
4	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.6	16.5	16.6
5	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.6	16.5	16.6
6	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.6	16.6	16.6
7	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.6	16.6	16.6
8	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.6	16.6	16.6
9	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.6	16.6	16.6
10	16.2	16.2	16.2	16.3	16.3	16.3	16.4	16.4	16.4	---	---	---
11	---	---	---	16.3	16.3	16.3	16.5	16.4	16.4	---	---	---
12	16.2	16.2	16.2	16.3	16.3	16.3	16.5	16.4	16.5	---	---	---
13	16.2	16.2	16.2	16.3	16.3	16.3	16.5	16.5	16.5	---	---	---
14	16.2	16.2	16.2	16.3	16.3	16.3	16.5	16.5	16.5	---	---	---
15	16.2	16.2	16.2	16.3	16.3	16.3	16.5	16.5	16.5	---	---	---
16	16.2	16.2	16.2	16.3	16.3	16.3	16.5	16.5	16.5	---	---	---
17	16.2	16.2	16.2	---	---	---	16.5	16.5	16.5	16.6	16.6	16.6
18	16.2	16.2	16.2	16.4	16.3	16.3	16.5	16.5	16.5	16.6	16.6	16.6
19	16.2	16.2	16.2	16.4	16.3	16.4	16.5	16.5	16.5	16.6	16.6	16.6
20	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
21	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
22	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
23	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
24	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
25	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
26	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
27	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
28	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
29	16.2	16.2	16.2	---	---	---	16.5	16.5	16.5	16.6	16.6	16.6
30	16.2	16.2	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.6
31	16.2	16.2	16.2	---	---	---	16.5	16.5	16.5	16.6	16.6	16.6
Month	---	---	---	---	---	---	16.5	16.4	16.5	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.5	16.6	16.3	16.3	16.3
2	16.6	16.6	16.6	16.6	16.6	16.6	16.5	16.5	16.5	16.3	16.3	16.3
3	16.6	16.6	16.6	16.6	16.6	16.6	16.5	16.4	16.4	16.3	16.3	16.3
4	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.3	16.3	16.3
5	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.3	16.2	16.3
6	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.3	16.2	16.3
7	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.3	16.2	16.2
8	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.3	16.2	16.2
9	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
10	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
11	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
12	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
13	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
14	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
15	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
16	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
17	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
18	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	16.2
19	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.3	16.4	16.2	16.2	16.2
20	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.3	16.3	16.2	16.2	16.2
21	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
22	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
23	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
24	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
25	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
26	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
27	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
28	16.6	16.6	16.6	---	---	---	16.3	16.3	16.3	16.2	16.2	16.2
29	---	---	---	16.6	16.6	16.6	16.3	16.3	16.3	16.2	16.2	16.2
30	---	---	---	16.6	16.5	16.6	16.3	16.3	16.3	16.2	16.1	16.2
31	---	---	---	16.6	16.6	16.6	---	---	---	16.2	16.1	16.2
Month	16.6	16.6	16.6	---	---	---	16.6	16.3	16.4	16.3	16.1	16.2

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	16.2	16.1	16.2	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
2	16.2	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
3	16.2	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
4	16.2	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
5	16.2	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
8	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	---	---	---
12	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	---	---	---
14	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	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	---	---	---
18	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.1	16.1
19	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.1	16.1
20	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.1	16.2
21	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.1	16.2
22	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
23	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
24	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
25	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
26	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
27	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
28	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
29	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
30	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2
31	---	---	---	16.1	16.1	16.1	16.1	16.1	16.1	---	---	---
Month	---	---	---	16.1	16.1	16.1	---	---	---	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	4.9	4.8	4.9	5.1	5.1	5.1	6.0	6.0	6.0	5.9	5.9	5.9
2	4.9	4.8	4.8	5.2	5.1	5.1	6.0	6.0	6.0	5.9	5.9	5.9
3	4.9	4.8	4.9	5.2	5.0	5.1	6.0	6.0	6.0	5.9	5.9	5.9
4	4.9	4.8	4.9	5.1	5.1	5.1	6.0	6.0	6.0	5.9	5.9	5.9
5	4.9	4.8	4.9	5.2	5.1	5.1	6.0	6.0	6.0	5.9	5.9	5.9
6	4.9	4.8	4.9	5.2	5.2	5.2	6.0	6.0	6.0	5.9	5.8	5.9
7	4.9	4.8	4.9	5.2	5.2	5.2	6.0	5.9	6.0	5.9	5.8	5.8
8	4.9	4.8	4.9	5.2	5.2	5.2	6.0	6.0	6.0	5.8	5.8	5.8
9	4.9	4.9	4.9	5.3	5.2	5.3	6.0	5.9	6.0	5.8	5.8	5.8
10	5.0	4.9	4.9	5.4	5.3	5.4	6.0	5.9	6.0	---	---	---
11	---	---	---	5.4	5.3	5.3	6.0	5.9	6.0	---	---	---
12	---	---	---	5.3	5.3	5.3	6.0	5.9	6.0	---	---	---
13	---	---	---	5.4	5.3	5.3	6.0	5.9	5.9	---	---	---
14	5.2	5.1	5.2	5.4	5.3	5.4	6.0	5.9	5.9	---	---	---
15	5.2	5.1	5.2	5.4	5.4	5.4	6.0	5.9	5.9	---	---	---
16	5.2	5.1	5.1	5.5	5.4	5.4	6.0	5.9	5.9	---	---	---
17	5.1	5.1	5.1	---	---	---	6.0	5.9	5.9	---	---	---
18	5.1	5.1	5.1	5.6	5.4	5.5	6.0	5.9	5.9	---	---	---
19	5.2	5.1	5.1	5.7	5.6	5.6	6.0	5.9	5.9	---	---	---
20	5.2	5.1	5.1	5.7	5.6	5.7	6.0	5.9	5.9	---	---	---
21	5.2	5.1	5.2	5.8	5.6	5.7	6.0	5.9	5.9	---	---	---
22	5.2	5.1	5.2	5.8	5.6	5.8	5.9	5.9	5.9	---	---	---
23	5.2	5.1	5.2	5.8	5.7	5.8	5.9	5.9	5.9	---	---	---
24	5.2	5.1	5.2	5.8	5.7	5.7	5.9	5.9	5.9	---	---	---
25	5.2	5.0	5.2	5.8	5.7	5.8	5.9	5.8	5.9	---	---	---
26	5.1	5.0	5.1	5.9	5.8	5.9	5.9	5.8	5.8	---	---	---
27	5.1	5.0	5.1	6.0	5.8	5.9	5.8	5.8	5.8	---	---	---
28	5.1	5.0	5.1	6.0	5.9	6.0	5.8	5.8	5.8	---	---	---
29	5.1	5.1	5.1	---	---	---	5.9	5.8	5.8	---	---	---
30	5.1	5.1	5.1	6.0	6.0	6.0	5.9	5.9	5.9	---	---	---
31	5.1	5.1	5.1	---	---	---	5.9	5.9	5.9	---	---	---
Month	---	---	---	---	---	---	6.0	5.8	5.9	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	50	49	50	52	52	52	62	62	62	61	61	61
2	50	49	49	53	52	52	62	62	62	61	61	61
3	50	49	50	53	51	52	62	62	62	61	61	61
4	50	49	50	52	52	52	62	62	62	61	61	61
5	50	49	50	53	52	52	62	62	62	61	61	61
6	50	49	50	53	53	53	62	62	62	61	60	61
7	50	49	50	53	53	53	62	61	62	61	60	60
8	50	49	50	53	53	53	62	62	62	60	60	60
9	50	50	50	54	53	54	62	61	62	60	60	60
10	51	50	50	55	54	55	62	61	62	---	---	---
11	---	---	---	55	54	54	62	61	62	---	---	---
12	---	---	---	54	54	54	62	61	62	---	---	---
13	---	---	---	55	54	54	62	61	61	---	---	---
14	53	52	53	55	54	55	62	61	61	---	---	---
15	53	52	53	55	55	55	62	61	61	---	---	---
16	53	52	52	56	55	55	62	61	61	---	---	---
17	52	52	52	---	---	---	62	61	61	---	---	---
18	52	52	52	58	55	56	62	61	61	---	---	---
19	53	52	52	59	57	58	62	61	61	---	---	---
20	53	52	52	59	58	59	62	61	61	---	---	---
21	53	52	52	60	58	59	62	61	61	---	---	---
22	53	52	53	60	58	60	61	61	61	---	---	---
23	53	52	53	60	59	60	61	61	61	---	---	---
24	53	52	53	60	59	59	61	61	61	---	---	---
25	53	51	53	60	59	60	61	60	61	---	---	---
26	52	51	52	61	60	61	61	60	60	---	---	---
27	52	51	52	62	60	61	60	60	60	---	---	---
28	52	51	52	62	61	62	60	60	60	---	---	---
29	52	52	52	---	---	---	61	60	60	---	---	---
30	52	52	52	62	62	62	61	61	61	---	---	---
31	52	52	52	---	---	---	61	61	61	---	---	---
Month	---	---	---	---	---	---	62	60	61	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

354315078300102 Local number WK-333, Raleigh Hydrogeologic Research Station WC-2I (Intermediate Zone)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
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29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---