



## 352854082380502 BU-072 DENR Bent Creek Research Station MW-21 (Intermediate Zone Well)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	---	13	12	11	43	29	19	12	33	40	24
2	12	11	13	12	11	37	34	17	34	27	30	20
3	11	12	12	12	12	32	40	16	34	23	24	19
4	11	17	12	12	13	27	32	15	27	21	20	17
5	11	15	12	12	12	22	27	14	20	24	19	16
6	11	13	12	12	11	19	23	14	17	20	17	15
7	12	13	12	12	11	18	21	14	15	45	20	15
8	12	12	12	12	11	21	25	13	18	53	44	14
9	12	12	13	12	11	22	27	13	20	35	39	12
10	12	12	14	12	11	18	22	13	15	25	33	12
11	12	12	13	12	11	16	20	18	20	25	27	11
12	12	14	13	12	11	16	19	15	44	45	22	11
13	12	14	12	12	11	15	35	14	74	39	20	11
14	12	13	12	19	11	14	48	13	59	40	18	11
15	12	13	12	17	11	13	42	14	43	29	17	10
16	12	12	12	15	11	13	34	14	32	26	17	10
17	12	12	12	14	11	20	28	14	24	21	16	10
18	12	12	12	13	11	22	24	13	21	18	17	11
19	12	12	12	12	11	18	21	12	27	19	22	10
20	12	12	12	12	11	15	19	28	58	40	20	10
21	12	12	12	12	22	15	18	33	55	46	20	10
22	12	12	12	12	37	15	19	24	42	33	18	11
23	12	12	16	12	30	43	30	20	31	26	21	11
24	12	16	14	12	27	45	30	16	24	21	19	11
25	12	15	12	12	25	37	25	14	19	17	17	11
26	12	13	13	12	22	30	21	14	17	16	16	11
27	12	13	12	12	19	27	19	13	---	16	16	11
28	12	13	12	12	33	62	18	12	---	44	15	11
29	12	13	12	12	---	52	17	12	---	53	15	11
30	13	12	12	11	---	42	18	12	47	52	30	11
31	12	---	12	11	---	33	---	11	---	42	29	---
MEAN	12	---	12	13	16	27	26	16	---	31	23	13
MAX	13	---	16	19	37	62	48	33	---	53	44	24
MIN	11	---	12	11	11	13	17	11	---	16	15	10





## 352854082380502 BU-072 DENR Bent Creek Research Station MW-2I (Intermediate Zone Well)—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	5.2	5.2	5.3	5.4	5.3	5.3	5.3	5.2	5.3	5.3	5.2
2	5.2	5.2	5.2	5.3	5.4	5.3	5.3	5.2	5.3	5.3	5.3	5.2
3	5.2	5.2	5.2	5.3	5.4	5.3	5.3	5.2	5.3	5.3	5.3	5.2
4	5.2	5.2	5.2	5.3	5.5	5.3	5.3	5.2	5.3	5.3	5.3	5.2
5	5.2	5.2	5.2	5.3	5.4	5.3	5.3	5.2	5.2	5.3	5.2	5.2
6	---	5.2	5.2	5.3	5.3	5.3	5.2	5.2	5.2	5.3	5.2	5.2
7	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.2	5.2	5.4	5.2	5.2
8	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.2	5.2	5.4	5.3	5.2
9	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.2	5.2	5.3	5.3	5.2
10	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.1	5.2	5.3	5.2	5.2
11	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.2	5.3	5.3	5.2	5.1
12	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.2	5.3	5.4	5.2	5.1
13	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.4	5.3	5.2	5.1
14	5.2	5.2	5.3	5.4	5.4	5.2	5.3	5.2	5.3	5.4	5.2	5.1
15	5.2	5.2	5.3	5.4	5.4	5.2	5.3	5.2	5.3	5.3	5.2	5.1
16	5.2	5.2	5.3	5.4	5.4	5.2	5.3	5.2	5.3	5.3	5.2	5.1
17	5.2	5.2	5.3	5.4	5.4	5.2	5.3	5.2	5.3	5.3	5.2	5.1
18	5.2	5.2	5.3	5.3	5.4	5.2	5.3	5.2	5.3	5.3	5.2	5.1
19	5.2	5.2	5.3	5.3	5.4	5.2	5.2	5.2	5.3	5.3	5.2	5.2
20	5.2	5.2	5.3	5.4	5.4	5.2	5.2	5.2	5.3	5.4	5.2	5.1
21	5.2	5.2	5.3	5.4	5.4	5.2	5.2	5.2	5.3	5.4	5.2	5.2
22	5.2	5.2	5.3	5.4	5.4	5.2	5.2	5.2	5.3	5.3	5.2	5.2
23	5.2	---	5.4	5.4	5.4	5.3	5.3	5.2	5.3	5.3	5.2	5.2
24	5.2	5.2	5.3	5.4	5.3	5.3	5.3	5.2	5.3	5.3	5.2	5.2
25	5.2	5.2	5.3	5.4	5.3	5.3	5.3	5.2	5.3	5.3	5.2	5.2
26	5.2	5.2	5.3	5.4	5.3	5.3	5.3	5.2	5.2	5.3	5.2	5.2
27	5.2	5.2	5.3	5.4	5.3	5.3	5.3	5.2	---	---	5.2	5.2
28	5.2	5.2	5.3	5.4	5.3	5.3	5.2	5.2	---	5.3	5.2	5.2
29	5.2	5.2	5.3	5.4	---	5.3	5.2	5.2	---	5.3	5.2	5.2
30	5.2	5.2	5.3	5.4	---	5.3	5.2	5.2	5.4	5.3	5.2	5.2
31	5.2	---	5.3	5.4	---	5.3	---	5.2	---	5.3	5.2	---
MEAN	---	---	5.3	5.4	5.4	5.3	5.3	5.2	---	---	5.2	5.2
MAX	---	---	5.4	5.4	5.5	5.3	5.3	5.3	---	---	5.3	5.2
MIN	---	---	5.2	5.3	5.3	5.2	5.2	5.1	---	---	5.2	5.1





352854082380502 BU-072 DENR Bent Creek Research Station MW-2I (Intermediate Zone Well)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.1	12.1	12.2	12.3	12.3	12.4	12.3	12.3	12.2	12.0	12.1	12.1
2	12.1	12.1	12.2	12.3	12.3	12.4	12.3	12.3	12.1	12.1	12.1	12.1
3	12.1	12.1	12.2	12.3	12.4	12.4	12.2	12.3	12.1	12.1	12.1	12.1
4	12.1	12.1	12.2	12.3	12.4	12.4	12.3	12.3	12.1	12.1	12.1	12.1
5	12.1	12.1	12.2	12.3	12.4	12.4	12.3	12.3	12.2	12.1	12.1	12.1
6	12.1	12.1	12.2	12.3	12.4	12.4	12.3	12.3	12.2	12.1	12.1	12.1
7	12.1	12.1	12.2	12.3	12.4	12.4	12.3	12.3	12.2	12.0	12.1	12.1
8	12.1	12.1	12.2	12.3	12.4	12.4	12.3	12.3	12.2	12.0	12.1	12.1
9	12.1	12.1	12.2	12.3	12.4	12.4	12.3	12.3	12.2	12.1	12.1	12.1
10	12.1	12.2	12.2	12.3	12.4	12.4	12.3	12.3	12.2	12.1	12.1	12.1
11	12.1	12.2	12.2	12.3	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.1
12	12.1	12.2	12.2	12.3	12.4	12.4	12.3	12.3	12.0	12.0	12.1	12.1
13	12.1	12.2	12.2	12.3	12.4	12.4	12.2	12.3	11.8	12.1	12.1	12.1
14	12.1	12.2	12.2	12.3	12.4	12.4	12.1	12.3	11.9	12.0	12.1	12.1
15	12.1	12.2	12.2	12.3	12.4	12.4	12.2	12.3	12.0	12.1	12.1	12.1
16	12.1	12.2	12.2	12.3	12.4	12.4	12.2	12.3	12.1	12.1	12.1	12.1
17	12.1	12.2	12.2	12.3	12.4	12.4	12.2	12.3	12.1	12.1	12.1	12.1
18	12.1	12.2	12.2	12.3	12.4	12.4	12.3	12.3	12.1	12.1	12.1	12.1
19	12.1	12.2	12.3	12.3	12.4	12.4	12.3	12.3	12.1	12.1	12.1	12.1
20	12.1	12.2	12.3	12.3	12.4	12.4	12.3	12.2	11.9	12.1	12.1	12.1
21	12.1	12.2	12.3	12.3	12.4	12.4	12.3	12.1	12.0	12.1	12.1	12.1
22	12.1	12.2	12.3	12.3	12.4	12.4	12.3	12.2	12.0	12.1	12.1	12.1
23	12.1	12.2	12.3	12.3	12.4	12.3	12.2	12.2	12.1	12.1	12.1	12.1
24	12.1	12.2	12.3	12.3	12.4	12.3	12.2	12.2	12.1	12.1	12.1	12.1
25	12.1	12.2	12.3	12.3	12.4	12.3	12.2	12.2	12.1	12.1	12.1	12.1
26	12.1	12.2	12.3	12.3	12.4	12.3	12.3	12.2	12.1	12.1	12.1	12.1
27	12.1	12.2	12.3	12.3	12.4	12.3	12.3	12.2	---	12.1	12.1	12.1
28	12.1	12.2	12.3	12.3	12.4	12.2	12.3	12.2	---	12.1	12.1	12.1
29	12.1	12.2	12.3	12.3	---	12.2	12.3	12.2	---	12.1	12.1	12.1
30	12.1	12.2	12.3	12.3	---	12.2	12.3	12.2	12.0	12.1	12.1	12.1
31	12.1	---	12.3	12.3	---	12.3	---	12.2	---	12.1	---	---
MEAN	12.1	12.2	12.2	12.3	12.4	12.4	12.3	12.3	---	12.1	---	12.1
MAX	12.1	12.2	12.3	12.3	12.4	12.4	12.3	12.3	---	12.1	---	12.1
MIN	12.1	12.1	12.2	12.3	12.3	12.2	12.1	12.1	---	12.0	---	12.1







352854082380502 BU-072 DENR Bent Creek Research Station MW-2I (Intermediate Zone Well)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.2	8.0	7.5	7.7	7.8	4.6	5.4	6.2	7.3	4.4	4.8	6.5
2	7.1	7.9	7.4	7.7	7.9	5.1	5.0	6.5	5.2	4.9	5.5	6.8
3	7.2	7.9	7.3	7.7	7.9	5.5	4.6	6.6	5.1	5.2	5.9	6.9
4	7.2	7.4	7.3	7.7	7.8	5.9	5.1	6.7	5.8	5.4	6.3	7.1
5	7.3	7.6	7.3	7.8	7.9	6.4	5.4	6.8	6.4	5.2	6.5	7.1
6	---	7.6	7.4	7.8	7.9	6.7	5.7	6.9	6.7	5.7	6.6	7.2
7	7.3	7.6	7.4	7.8	7.9	6.8	6.0	6.9	6.9	3.9	6.4	7.3
8	7.4	7.6	7.5	7.9	7.9	6.5	5.6	7.0	6.5	3.5	4.4	7.4
9	7.4	7.5	7.5	7.9	7.9	6.3	5.5	7.1	6.4	4.6	5.0	7.5
10	7.5	7.5	7.5	7.9	7.9	6.7	5.9	7.1	6.8	5.3	5.4	7.5
11	7.5	7.5	7.5	7.9	7.9	7.0	6.1	6.6	6.3	5.4	5.9	7.6
12	7.6	7.4	7.5	8.0	7.9	7.1	6.2	6.9	4.2	4.1	6.3	7.6
13	7.6	7.5	7.4	8.0	7.9	7.2	4.8	7.0	1.8	4.5	6.5	7.7
14	7.6	7.5	7.4	7.3	7.9	7.3	3.8	7.1	3.1	4.5	6.7	7.7
15	7.7	7.5	7.5	7.5	8.0	7.3	4.4	7.0	4.3	5.2	6.8	7.8
16	7.7	7.4	7.5	7.7	8.0	7.3	4.9	7.0	5.1	5.6	6.9	7.8
17	7.7	7.4	7.5	7.7	7.9	6.6	5.3	7.1	5.6	6.0	7.0	7.8
18	7.7	7.4	7.6	7.7	7.9	6.3	5.7	7.2	5.9	6.2	6.9	7.8
19	7.7	7.5	7.6	7.7	7.9	6.7	5.9	7.3	5.4	6.2	6.5	7.8
20	7.7	7.5	7.6	7.7	8.0	7.0	---	5.8	3.0	4.7	6.7	7.8
21	7.8	7.6	7.7	7.7	6.8	---	6.2	5.3	3.3	4.4	6.8	7.8
22	7.8	7.6	7.7	7.8	5.2	7.4	6.1	6.0	4.2	5.3	6.9	7.8
23	7.8	---	7.4	7.8	5.9	4.5	5.2	6.5	5.0	5.9	6.6	7.8
24	7.8	7.4	7.6	7.8	6.1	4.4	5.2	6.8	5.6	6.3	6.9	7.8
25	7.8	7.4	7.6	7.8	6.3	5.1	5.6	7.0	5.9	6.7	7.1	7.9
26	7.8	7.6	7.6	7.8	6.7	5.7	6.0	7.1	6.1	6.8	7.1	7.9
27	7.8	7.5	7.6	---	6.9	5.9	6.2	7.1	---	6.8	7.2	7.9
28	7.8	7.5	7.5	7.7	5.5	2.9	6.3	7.2	---	4.4	7.3	7.9
29	7.9	7.5	7.6	7.8	---	3.8	6.4	7.2	---	3.8	7.4	7.9
30	7.8	7.4	7.6	7.8	---	4.5	6.3	7.2	3.6	4.0	6.0	7.9
31	7.8	---	7.6	7.8	---	5.1	---	7.3	---	4.6	6.1	---
MEAN	---	---	7.5	---	7.4	---	---	6.8	---	5.1	6.4	7.6
MAX	---	---	7.7	---	8.0	---	---	7.3	---	6.8	7.4	7.9
MIN	---	---	7.3	---	5.2	---	---	5.3	---	3.5	4.4	6.5





352854082380502 BU-072 DENR Bent Creek Research Station MW-2I (Intermediate Zone Well)—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION  
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72	80	75	77	78	46	54	62	73	44	48	65
2	71	79	74	77	79	51	50	65	52	49	55	68
3	72	79	73	77	79	55	46	66	51	52	59	69
4	72	74	73	77	78	59	51	67	58	54	63	71
5	73	76	74	78	79	64	54	68	64	52	65	71
6	---	76	74	78	79	67	57	69	67	57	66	72
7	73	76	74	78	79	68	60	69	69	39	64	73
8	74	76	75	79	79	65	56	70	65	35	44	74
9	74	75	75	79	79	64	55	71	64	46	50	75
10	75	75	75	79	79	67	59	71	68	53	54	76
11	75	75	75	79	79	70	61	66	63	54	59	76
12	76	74	75	80	79	71	62	69	42	41	63	76
13	76	75	74	80	79	72	48	70	18	45	65	77
14	76	75	74	73	79	73	38	71	31	45	67	77
15	77	75	75	75	80	73	44	70	43	52	68	78
16	77	74	75	77	80	73	49	70	51	56	69	78
17	77	74	75	77	79	66	53	71	56	60	70	78
18	77	74	76	77	79	63	56	72	59	62	69	78
19	77	75	76	77	79	67	59	73	54	62	65	78
20	77	75	76	77	80	70	---	58	30	47	67	78
21	78	76	77	77	68	72	62	53	33	44	68	78
22	78	76	77	78	52	74	61	60	42	53	69	78
23	78	---	74	78	59	45	52	65	50	59	66	78
24	78	74	76	78	61	44	52	68	56	63	69	78
25	78	74	76	78	63	51	56	70	59	67	71	79
26	78	76	76	78	67	57	60	71	61	68	71	79
27	78	75	76	78	69	59	62	71	---	69	72	79
28	78	75	76	77	55	29	63	72	---	44	73	79
29	79	75	76	78	---	38	64	72	---	38	74	79
30	78	74	76	78	---	45	64	72	36	40	60	79
31	78	---	76	79	---	51	---	73	---	46	---	---
MEAN	---	---	75	78	74	60	---	68	---	51	---	76
MAX	---	---	77	80	80	74	---	73	---	69	---	79
MIN	---	---	73	73	52	29	---	53	---	35	---	65

