

# WVIC Headwater/Tailwater Biweekly (Twice Monthly) Monitoring at Man-Made Reservoirs Dissolved Oxygen and Water Temperature Report

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
EAU PLEINE RESERVOIR					
Jan 13, 2003	Headwater	7.4			
			1.0	10.9	3.7
			2.0	10.7	3.7
			3.0	10.7	3.7
			4.0	10.7	3.7
			5.0	10.7	3.7
			6.0	10.8	3.7
			6.4	11.1	3.7
			6.9	11.1	3.7
			7.3	11.0	3.8
	Tailwater	0.2			
			0.1	13.3	3.0
Jan 29, 2003	Headwater	6.5			
			1.0	10.4	3.3
			2.0	10.4	3.4
			3.0	10.4	3.4
			4.0	10.4	3.4
			5.0	10.4	3.4
			5.5	10.3	3.5
			6.0	10.3	3.5
			6.4	10.2	3.7
	Tailwater	0.4			
			0.3	13.2	2.4
Feb 13, 2003	Headwater	7.6			
			1.0	8.4	3.3
			2.0	8.2	3.6
			3.0	8.1	3.7
			4.0	8.0	3.8
			5.0	8.1	3.7
			6.0	8.0	3.8
			6.6	8.0	3.8
			7.1	8.0	4.0
			7.5	7.9	4.1
	Tailwater	0.3			
			0.2	12.6	2.7
Feb 25, 2003	Headwater	6.0			
			1.0	7.2	3.4
			2.0	7.3	3.5
			3.0	7.2	3.3
			4.0	7.2	3.4
			5.0	7.1	3.4
			5.5	7.1	3.4
			5.9	7.1	3.5
	Tailwater	0.3			
			0.2	12.5	3.3

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
EAU PLEINE RESERVOIR					
Mar 12, 2003	Headwater	5.4			
			1.0	6.1	3.1
			2.0	6.2	2.3
			3.0	5.6	3.0
			4.0	5.5	3.2
			4.4	5.5	3.2
			4.9	5.4	3.4
			5.3	5.5	3.5
	Tailwater	0.2			
			0.1	11.3	3.4
Mar 24, 2003	Headwater	7.0			
			1.0	6.2	4.4
			2.0	5.3	3.9
			3.0	4.6	3.6
			4.0	4.2	3.4
			5.0	4.2	3.4
			6.0	4.1	3.4
			6.5	4.1	3.4
			6.9	4.0	3.4
	Tailwater	0.2			
			0.1	11.3	4.5
Apr 8, 2003	Headwater	7.6			
			1.0	7.4	1.9
			2.0	7.4	1.8
			3.0	7.4	1.8
			4.0	7.4	1.8
			5.0	7.4	1.8
			6.0	7.3	1.8
			6.6	7.4	1.8
			7.1	7.3	1.8
			7.5	7.3	1.8
	Tailwater	0.3			
			0.2	13.1	4.3
Apr 30, 2003	Headwater	9.0			
			1.0	9.8	10.2
			2.0	9.8	10.2
			3.0	9.6	10.0
			4.0	9.3	9.9
			5.0	9.2	9.8
			6.0	9.1	9.8
			7.0	9.1	9.8
			8.0	8.8	9.8
			8.5	8.6	9.8
			8.9	8.2	9.8
	Tailwater	0.2			
			0.1	11.2	11.0

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
EAU PLEINE RESERVOIR					
May 14, 2003					
	Headwater	9.1			
			1.0	8.8	12.9
			2.0	8.8	12.9
			3.0	8.8	13.0
			4.0	8.8	12.9
			5.0	8.8	13.0
			6.0	8.8	12.9
			7.0	8.8	13.0
			8.1	8.8	13.0
			8.6	8.8	13.0
			9.0	8.6	13.3
	Tailwater	0.2			
			0.1	10.4	12.4
May 29, 2003					
	Headwater	9.2			
			1.0	9.7	18.1
			2.0	9.2	17.6
			3.0	8.9	17.3
			4.0	8.6	17.1
			5.0	8.2	16.4
			6.0	7.7	15.7
			7.0	7.2	15.1
			8.2	6.4	14.6
			8.7	6.4	14.5
			9.1	3.8	13.9
	Tailwater	0.2			
			0.1	10.3	17.0
Jun 11, 2003					
	Headwater	9.3			
			1.0	7.5	17.4
			2.0	7.4	17.4
			3.0	7.1	17.3
			4.0	6.9	17.2
			5.0	6.9	17.2
			6.0	6.4	16.9
			7.0	4.2	16.2
			8.3	3.0	15.6
			8.8	2.8	15.5
			9.2	2.6	15.5
	Tailwater	0.2			
			0.1	8.6	16.7

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
EAU PLEINE RESERVOIR					
Jun 27, 2003					
	Headwater	9.1			
			1.0	10.1	21.4
			2.0	10.0	21.3
			3.0	10.0	21.3
			4.0	9.9	21.2
			5.0	9.8	21.2
			6.0	9.7	21.2
			7.0	9.6	21.1
			8.1	9.4	21.0
			8.6	8.6	20.9
			9.0	7.0	20.5
	Tailwater	0.4			
			0.3	9.0	21.2
Jul 14, 2003					
	Headwater	9.4			
			1.0	10.2	23.5
			2.0	10.1	23.4
			3.0	9.3	22.4
			4.0	8.7	22.1
			5.0	8.6	22.1
			6.0	8.6	22.0
			7.0	8.5	20.9
			8.0	4.9	20.8
			8.4	1.3	20.2
			8.9	1.8	19.6
			9.3	0.3	19.3
	Tailwater	0.2			
			0.1	8.9	23.4
Jul 29, 2003					
	Headwater	8.0			
			1.0	8.7	24.3
			2.0	7.1	23.8
			3.0	5.9	23.1
			4.0	5.8	23.0
			5.0	5.6	22.9
			6.0	3.9	22.4
			7.0	3.3	22.2
			7.5	3.0	22.2
			7.9	1.3	22.0
	Tailwater	0.2			
			0.1	6.8	23.4
Aug 13, 2003					
	Headwater	7.5			
			1.0	5.0	23.9
			2.0	4.6	23.8
			3.0	2.0	23.6
			4.0	0.3	23.2
			5.0	0.1	22.6
			6.0	0.1	22.3
			6.5	0.1	22.1
			7.0	0.1	21.9
			7.4	0.1	21.0
	Tailwater	0.2			
			0.1	7.1	25.4

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
EAU PLEINE RESERVOIR					
Aug 29, 2003	Headwater	6.9			
			1.0	7.0	22.5
			2.0	7.0	22.5
			3.0	7.0	22.5
			4.0	7.0	22.4
			5.0	7.0	22.4
			5.9	7.0	22.3
			6.4	7.0	22.3
			6.8	7.0	22.3
	Tailwater	0.2			
			0.1	7.5	22.9
Sep 5, 2003	Headwater	7.0			
			1.0	10.8	21.8
			2.0	10.5	21.8
			3.0	8.6	21.1
			4.0	8.6	21.1
			5.0	8.4	21.1
			6.0	8.3	21.1
			6.5	8.4	21.0
			6.9	8.3	21.0
	Tailwater	0.2			
			0.1	8.8	21.2
Sep 25, 2003	Headwater	6.1			
			1.0	8.5	14.6
			2.0	8.4	14.6
			3.0	8.4	14.6
			4.0	8.4	14.6
			5.1	8.3	14.6
			5.6	8.2	14.4
			6.0	7.8	14.0
	Tailwater	0.2			
			0.1	9.9	14.6
Oct 13, 2003	Headwater	5.8			
			1.0	8.3	12.8
			2.0	8.3	12.8
			3.0	8.3	12.8
			4.0	8.3	12.8
			4.8	8.3	12.8
			5.3	8.2	12.8
			5.7	8.2	12.8
	Tailwater	0.3			
			0.2	9.3	12.9

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
EAU PLEINE RESERVOIR					
Oct 30, 2003	Headwater	6.3			
			1.0	9.2	8.0
			2.0	9.2	8.0
			3.0	9.2	8.0
			4.0	9.2	8.0
			5.3	9.2	8.0
			5.8	9.2	8.0
			6.2	8.8	8.0
	Tailwater	0.2			
			0.1	10.2	7.1
Nov 12, 2003	Headwater	5.6			
			1.0	12.8	3.0
			2.0	12.8	3.0
			4.0	12.8	3.0
			4.6	12.7	3.0
			5.1	12.7	3.0
			5.5	12.6	3.1
	Tailwater	0.2			
			0.1	12.8	4.9
Nov 26, 2003	Headwater	5.5			
			1.0	14.6	0.2
			2.0	14.5	0.3
			3.0	14.5	0.4
			4.0	14.4	0.4
			4.5	14.4	0.5
			5.0	14.3	0.5
			5.4	13.9	0.8
	Tailwater	0.2			
			0.1	14.5	1.6
Dec 15, 2003	Headwater	7.0			
			1.0	14.2	1.4
			2.0	14.2	1.4
			3.0	13.9	1.4
			4.0	13.2	1.7
			5.0	12.8	1.8
			6.0	12.3	1.9
			6.5	12.3	2.0
			6.9	12.5	2.0
	Tailwater	0.3			
			0.2	13.7	1.5

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
EAU PLEINE RESERVOIR					
Dec 30, 2003					
	Headwater	6.5			
			1.0	14.4	2.1
			2.0	13.9	2.2
			3.0	12.5	2.4
			4.0	12.5	2.5
			5.0	10.7	2.7
			5.5	10.7	2.8
			6.0	10.9	2.8
			6.4	11.2	2.8
	Tailwater	0.2			
			0.1	13.8	1.5

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
RAINBOW RESERVOIR					
Jan 14, 2003					
	Headwater	5.4			
			1.0	12.1	2.0
			2.0	12.0	2.0
			3.0	11.7	2.0
			4.0	11.5	2.2
			4.4	11.4	2.3
			4.9	11.4	2.4
			5.3	11.2	2.5
	Tailwater	0.2			
			0.1	13.6	2.0
Jan 27, 2003					
	Headwater	6.3			
			1.0	11.5	1.3
			2.0	11.4	1.6
			3.0	11.4	1.6
			4.0	11.1	1.7
			5.0	10.7	2.0
			5.3	10.5	2.2
			5.8	10.2	2.4
			6.2	10.0	3.0
	Tailwater	0.2			
			0.1	13.2	1.7
Feb 6, 2003					
	Headwater	4.3			
			1.0	8.8	0.5
			2.0	8.8	0.5
			3.0	8.7	0.7
			3.3	8.6	0.9
			3.8	8.2	1.4
			4.2	8.3	1.4
	Tailwater	0.2			
			0.1	11.4	1.1
Feb 19, 2003					
	Headwater	3.4			
			1.0	6.6	0.8
			2.0	6.7	0.8
			2.4	6.3	1.0
			2.9	6.2	1.1
			3.3	6.3	1.0
	Tailwater	0.2			
			0.1	10.4	0.9
Mar 5, 2003					
	Headwater	4.0			
			1.0	7.3	0.4
			2.0	7.3	0.4
			3.0	7.3	0.4
			3.5	7.3	0.4
			3.9	7.3	0.4
	Tailwater	0.4			
			0.3	11.0	0.2

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
RAINBOW RESERVOIR					
Mar 25, 2003					
	Headwater	5.2			
			1.0	8.7	2.0
			2.0	8.6	2.0
			3.0	8.7	2.0
			4.2	8.7	2.1
			4.7	8.8	2.0
			5.1	8.7	2.2
	Tailwater	0.2			
			0.1	11.8	2.0
Apr 2, 2003					
	Headwater	5.5			
			1.0	9.4	1.8
			2.0	9.4	1.8
			3.0	9.4	1.9
			4.0	9.4	1.8
			4.5	9.5	1.9
			5.0	9.3	1.9
			5.4	9.2	2.3
	Tailwater	0.3			
			0.2	12.5	1.9
Apr 21, 2003					
	Headwater	6.7			
			1.0	12.0	3.5
			2.0	12.0	3.5
			3.0	11.9	3.5
			4.0	11.9	3.5
			5.0	11.9	3.5
			5.7	11.9	3.5
			6.2	11.8	3.6
			6.6	11.7	3.9
	Tailwater	0.2			
			0.1	13.3	3.6
May 1, 2003					
	Headwater	7.8			
			1.0	12.0	11.0
			2.0	12.0	10.9
			3.0	12.0	10.8
			4.0	11.8	10.2
			5.0	11.0	8.4
			6.0	10.7	7.9
			7.0	10.6	8.1
			7.7	10.2	8.4
	Tailwater	0.2			
			0.1	11.6	9.4

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
RAINBOW RESERVOIR					
May 22, 2003					
	Headwater	7.0			
			1.0	9.4	13.9
			2.0	9.4	13.9
			3.0	9.3	13.9
			4.0	9.3	13.9
			5.0	9.4	13.9
			6.0	9.3	13.9
			6.5	9.3	13.9
			6.9	9.3	13.9
	Tailwater	0.3			
			0.2	10.3	14.0
Jun 6, 2003					
	Headwater	8.4			
			1.0	8.3	17.3
			2.0	8.3	17.3
			3.0	8.1	17.1
			4.0	7.6	16.5
			5.0	7.0	16.0
			6.0	6.7	15.8
			7.0	6.5	15.7
			7.4	6.3	15.6
			7.9	6.2	15.5
			8.3	6.1	15.5
	Tailwater	0.2			
			0.1	9.1	16.3
Jun 30, 2003					
	Headwater	8.0			
			1.0	7.8	19.9
			2.0	7.5	19.7
			3.0	7.4	19.7
			4.0	7.3	19.6
			5.0	7.3	19.6
			6.0	6.6	19.4
			7.0	6.3	19.4
			7.5	6.4	19.3
			7.9	6.3	19.3
	Tailwater	0.3			
			0.2	8.5	19.8
Jul 10, 2003					
	Headwater	7.6			
			1.0	7.8	22.0
			2.0	7.8	22.0
			3.0	7.7	22.0
			4.0	7.7	21.9
			5.0	7.8	22.0
			6.0	7.8	22.0
			6.6	7.8	22.0
			7.1	7.8	21.9
			7.5	7.8	21.8
	Tailwater	0.2			
			0.1	21.6	8.2

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
RAINBOW RESERVOIR					
Jul 25, 2003					
	Headwater	7.1			
			1.0	6.6	20.9
			2.0	6.5	20.9
			3.0	6.5	20.9
			4.0	6.5	20.9
			5.0	6.4	20.9
			6.1	5.8	20.7
			6.6	5.7	20.6
			7.0	5.7	20.6
	Tailwater	0.2			
			0.1	8.1	20.8
Aug 7, 2003					
	Headwater	7.0			
			1.0	11.0	23.6
			2.0	11.0	23.6
			3.0	11.0	23.6
			4.0	10.9	23.6
			5.0	10.9	23.6
			6.0	10.8	23.6
			6.5	10.7	23.6
			6.9	10.7	23.6
	Tailwater	0.3			
			0.2	9.5	23.4
Aug 22, 2003					
	Headwater	6.5			
			1.0	6.6	23.4
			2.0	6.6	23.4
			3.0	6.6	23.4
			4.0	6.6	23.4
			5.5	6.6	23.4
			6.0	6.6	23.4
			6.4	6.6	23.3
	Tailwater	0.2			
			0.1	8.0	23.2
Sep 10, 2003					
	Headwater	6.0			
			1.0	7.9	19.9
			2.0	6.7	19.4
			3.0	6.4	19.4
			4.0	6.2	19.3
			5.0	6.0	19.2
			5.5	5.6	19.2
			5.9	4.7	19.0
	Tailwater	0.2			
			0.1	8.3	19.4

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
RAINBOW RESERVOIR					
Sep 24, 2003					
	Headwater	5.9			
			1.0	9.7	15.2
			2.0	9.7	15.2
			3.0	9.7	15.2
			4.0	9.7	15.2
			4.9	9.7	15.2
			5.4	9.7	15.2
			5.8	9.7	15.2
	Tailwater	0.3			
			0.2	9.8	15.1
Oct 13, 2003					
	Headwater	6.6			
			1.0	10.4	11.8
			2.0	10.3	11.8
			3.0	10.3	11.8
			4.0	10.3	11.8
			5.0	10.3	11.8
			5.6	10.3	11.8
			6.1	10.3	11.8
			6.5	10.2	11.9
	Tailwater	0.3			
			0.2	10.7	11.8
Oct 22, 2003					
	Headwater	3.8			
			1.0	11.1	9.4
			2.0	11.2	9.4
			3.0	11.1	9.4
			3.3	11.1	9.4
			3.7	11.2	9.4
	Tailwater	0.2			
			0.1	11.9	9.6
Nov 12, 2003					
	Headwater	6.4			
			1.0	15.6	1.5
			2.0	15.6	1.5
			3.0	15.5	1.5
			4.0	15.4	1.5
			5.0	15.2	1.6
			5.4	15.0	1.7
			5.9	15.0	1.6
			6.3	14.6	2.1
	Tailwater	0.2			
			0.1	15.8	1.5

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
<b>RAINBOW RESERVOIR</b>					
Nov 25, 2003					
	Headwater	7.0			
			1.0	14.9	1.0
			2.0	14.8	1.1
			3.0	14.8	1.1
			4.0	14.8	1.1
			5.0	14.8	1.1
			6.0	14.7	1.2
			6.5	14.6	1.2
			6.9	14.4	1.5
	Tailwater	0.2			
			0.1	15.6	1.3
Dec 15, 2003					
	Headwater	7.6			
			1.0	13.0	0.8
			2.0	12.6	1.6
			3.0	12.7	1.6
			4.0	12.7	1.6
			5.0	12.7	1.6
			6.0	12.6	1.6
			6.6	12.5	1.8
			7.1	12.4	1.8
			7.5	12.0	2.1
	Tailwater	0.2			
			0.1	13.8	1.6
Dec 30, 2003					
	Headwater	7.8			
			1.0	11.2	0.4
			2.0	11.3	0.6
			3.0	12.3	1.4
			4.0	12.2	1.5
			5.0	12.1	1.6
			6.0	11.8	1.8
			6.8	10.7	2.4
			7.3	10.4	2.6
			7.7	10.2	2.9
	Tailwater	0.2			
			0.1	14.2	1.4

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
<b>RICE RESERVOIR</b>					
Jan 14, 2003					
	Headwater	3.0			
			1.0	13.5	1.3
			2.0	13.5	1.3
			2.5	13.5	1.3
			2.9	13.6	1.2
	Tailwater	0.2			
			0.1	13.3	1.7
Jan 27, 2003					
	Headwater	2.8			
			1.0	11.1	0.4
			1.8	11.0	0.4
			2.3	11.0	0.4
			2.7	11.0	0.4
	Tailwater	0.2			
			0.1	11.3	1.0
Feb 6, 2003					
	Headwater	2.5			
			1.0	12.4	0.6
			1.5	12.3	0.7
			2.0	12.3	0.7
			2.4	12.4	0.7
	Tailwater	0.2			
			0.1	12.5	1.0
Feb 19, 2003					
	Headwater	2.3			
			1.0	11.1	0.7
			1.8	11.1	0.7
			2.2	11.2	0.7
	Tailwater	0.2			
			0.1	11.6	0.8
Mar 5, 2003					
	Headwater	2.4			
			1.0	12.0	0.2
			1.4	12.0	0.2
			1.9	12.0	0.2
			2.3	12.0	0.2
	Tailwater	0.2			
			0.1	12.5	0.3
Mar 25, 2003					
	Headwater	2.6			
			1.0	11.1	3.8
			1.6	11.0	3.8
			2.1	11.3	3.8
			2.5	11.2	4.3
	Tailwater	0.2			
			0.1	12.3	4.1
Apr 2, 2003					
	Headwater	3.1			
			1.0	12.6	2.7
			2.1	12.6	2.7
			2.6	12.6	2.7
			3.0	12.6	2.8
	Tailwater	0.2			
			0.1	13.3	2.9

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
RICE RESERVOIR					
Apr 21, 2003					
	Headwater	4.2			
			1.0	12.6	4.4
			2.0	12.5	4.5
			3.2	12.5	4.5
			3.7	12.4	4.5
			4.1	12.4	4.6
	Tailwater	0.2			
			0.1	12.3	4.1
May 6, 2003					
	Headwater	4.5			
			1.0	10.2	11.4
			2.0	10.2	11.4
			3.0	10.2	11.4
			4.0	10.2	11.4
			4.4	10.2	11.4
	Tailwater	0.2			
			0.1	10.3	11.1
May 22, 2003					
	Headwater	4.4			
			1.0	8.9	14.2
			2.0	8.9	14.2
			3.0	8.9	14.2
			3.4	8.9	14.2
			3.9	8.9	14.2
			4.3	8.9	14.2
	Tailwater	0.2			
			0.1	9.6	14.0
Jun 6, 2003					
	Headwater	3.5			
			1.0	8.0	18.7
			2.0	8.0	18.7
			2.5	7.9	18.5
			3.0	7.4	18.1
			3.4	6.7	17.2
	Tailwater	0.2			
			0.1	7.8	17.3
Jun 30, 2003					
	Headwater	4.5			
			1.0	7.2	20.1
			2.0	7.1	19.8
			3.0	7.0	19.7
			3.5	7.0	19.7
			4.0	7.9	19.7
			4.4	6.9	19.7
	Tailwater	0.2			
			0.1	7.9	20.1

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
RICE RESERVOIR					
Jul 8, 2003					
	Headwater	4.2			
			1.0	8.0	24.2
			2.0	8.1	24.1
			3.2	7.4	23.4
			3.7	7.4	23.2
			4.1	7.5	23.4
	Tailwater	0.2			
			0.1	8.2	23.9
Jul 25, 2003					
	Headwater	3.6			
			1.0	7.9	22.2
			2.0	7.9	22.2
			2.6	7.9	22.2
			3.1	7.9	22.2
			3.5	7.8	22.1
	Tailwater	0.2			
			0.1	7.9	22.2
Aug 7, 2003					
	Headwater	2.9			
			1.0	9.0	24.1
			1.9	9.0	24.1
			2.4	9.0	24.1
			2.8	8.9	24.1
	Tailwater	0.2			
			0.1	8.8	24.3
Aug 22, 2003					
	Headwater	3.5			
			1.0	7.8	24.6
			2.0	7.9	24.6
			2.5	7.8	24.6
			3.0	7.8	24.6
			3.4	7.8	24.6
	Tailwater	0.2			
			0.1	7.8	24.5
Sep 10, 2003					
	Headwater	3.2			
			1.0	7.3	21.3
			2.0	7.0	21.1
			2.5	7.0	21.0
			3.1	7.1	21.2
	Tailwater	0.2			
			0.1	7.8	21.6
Sep 29, 2003					
	Headwater	2.8			
			1.0	9.9	10.4
			1.8	9.9	10.4
			2.3	9.9	10.4
			2.7	9.9	10.4
	Tailwater	0.2			
			0.1	10.0	10.3



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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
<b>RICE RESERVOIR</b>					
Oct 13, 2003	Headwater	2.5			
			1.0	9.5	12.8
			1.5	9.5	12.8
			2.0	9.5	12.8
			2.4	9.5	12.8
	Tailwater	0.3			
			0.2	9.6	12.7
Oct 29, 2003	Headwater	2.3			
			1.0	12.4	5.8
			1.8	12.4	5.8
			2.2	12.4	5.8
	Tailwater	0.2			
			0.1	12.4	5.7
Nov 12, 2003	Headwater	2.5			
			1.0	16.3	2.2
			1.5	16.3	2.2
			2.0	16.2	2.2
			2.4	16.0	2.3
	Tailwater	0.2			
			0.1	15.1	2.3
Nov 25, 2003	Headwater	2.8			
			1.0	15.4	0.5
			1.8	15.3	0.6
			2.3	15.2	0.6
			2.7	15.1	0.7
	Tailwater	0.2			
			0.1	15.6	0.5
Dec 15, 2003	Headwater	3.0			
			1.0	13.3	1.6
			2.0	13.3	1.6
			2.5	13.3	1.6
			2.9	13.4	1.5
	Tailwater	0.2			
			0.1	12.8	1.7
Dec 30, 2003	Headwater	3.0			
			1.0	13.2	1.0
			2.0	13.2	1.0
			2.5	13.2	1.0
			2.9	13.3	1.0
	Tailwater	0.2			
			0.1	13.1	1.6

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
<b>SPIRIT RESERVOIR</b>					
Jan 14, 2003	Headwater	3.9			
			1.0	10.7	4.1
			2.0	10.1	4.1
			2.9	8.6	4.1
			3.4	8.2	4.0
			3.8	8.1	4.0
	Tailwater	0.2			
			0.1	12.0	3.4
Jan 27, 2003	Headwater	3.3			
			1.0	10.1	4.0
			2.0	10.2	3.9
			2.3	9.9	4.0
			2.8	9.1	4.0
			3.2	8.9	3.9
	Tailwater	0.2			
			0.1	9.5	3.2
Feb 6, 2003	Headwater	3.0			
			1.0	12.1	1.4
			2.0	11.0	2.4
			2.5	11.8	1.9
			2.9	11.9	1.8
	Tailwater	0.3			
			0.2	11.9	3.1
Feb 19, 2003	Headwater	2.8			
			1.0	4.2	1.3
			1.8	3.2	1.9
			2.3	3.0	2.2
			2.7	3.3	2.1
	Tailwater	0.3			
			0.2	5.2	2.5
Mar 5, 2003	Headwater	2.6			
			1.0	2.6	1.2
			1.6	2.5	1.2
			2.1	2.3	1.6
			2.5	2.3	1.6
	Tailwater	1.9			
			1.0	2.8	2.2
			1.8	2.8	2.3
Mar 25, 2003	Headwater	4.4			
			1.0	7.7	2.9
			2.0	7.7	3.0
			3.0	7.8	2.9
			3.4	7.7	3.0
			3.9	7.6	2.9
			4.3	7.2	3.2
	Tailwater	0.3			
			0.2	9.4	5.0

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
SPIRIT RESERVOIR					
Apr 2, 2003	Headwater	4.6			
			1.0	6.2	2.5
			2.0	6.1	2.6
			3.0	5.4	2.7
			3.6	4.9	2.9
			4.1	4.5	3.2
			4.5	3.8	3.4
	Tailwater	0.3			
			0.2	9.9	3.6
Apr 21, 2003	Tailwater	0.2			
			0.1	12.7	3.7
May 6, 2003	Headwater	5.9			
			1.0	9.8	10.7
			2.0	9.7	10.8
			3.0	9.7	10.7
			4.0	9.7	10.7
			4.9	9.7	10.7
			5.4	9.7	10.7
			5.8	9.7	10.7
	Tailwater	0.3			
			0.2	10.3	10.7
May 22, 2003	Headwater	5.8			
			1.0	9.4	13.8
			2.0	9.2	13.8
			3.0	8.9	13.5
			4.0	8.6	13.2
			4.8	8.4	13.0
			5.3	8.4	12.9
			5.7	8.2	13.0
	Tailwater	0.4			
			0.3	9.7	13.2
Jun 6, 2003	Headwater	5.9			
			1.0	7.7	19.2
			2.0	6.9	18.6
			3.0	5.5	16.5
			4.0	5.4	16.0
			4.9	5.4	16.0
			5.4	5.3	15.9
			5.8	4.9	15.6
	Tailwater	0.2			
			0.1	7.5	16.6

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
SPIRIT RESERVOIR					
Jun 30, 2003	Headwater	5.5			
			1.0	6.6	20.2
			2.0	6.5	20.2
			3.0	5.8	19.9
			4.0	5.8	19.8
			4.5	5.8	19.8
			5.0	5.7	19.8
			5.4	5.4	19.6
	Tailwater	0.3			
			0.2	7.6	19.5
Jul 8, 2003	Headwater	5.4			
			1.0	7.7	25.4
			2.0	7.3	24.4
			3.0	7.1	24.2
			4.0	4.3	23.0
			4.4	3.3	21.5
			4.9	1.4	19.9
			5.3	1.0	19.2
	Tailwater	0.2			
			0.1	8.0	22.8
Jul 25, 2003	Headwater	4.9			
			1.0	8.4	23.5
			2.0	8.2	23.3
			3.0	4.8	21.4
			3.9	4.6	21.4
			4.4	4.5	21.3
			4.8	4.3	21.3
	Tailwater	0.2			
			0.1	8.0	24.0
Aug 7, 2003	Headwater	4.9			
			1.0	9.0	24.9
			2.0	8.6	24.7
			3.0	8.2	24.6
			3.9	7.3	24.1
			4.4	6.0	23.7
			4.8	2.0	22.8
	Tailwater	0.2			
			0.1	7.1	24.0
Aug 22, 2003	Headwater	4.5			
			1.0	6.7	25.1
			2.0	6.7	25.1
			3.0	6.5	24.9
			3.5	6.4	24.9
			4.0	6.4	24.9
			4.4	6.2	24.8
	Tailwater	0.2			
			0.1	6.8	24.6

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
SPIRIT RESERVOIR					
Sep 10, 2003					
	Headwater	4.1			
			1.0	4.0	21.1
			2.0	2.3	20.2
			3.0	2.1	20.1
			3.5	1.6	20.1
			4.0	1.4	20.1
	Tailwater	0.2			
			0.1	5.9	20.5
Sep 29, 2003					
	Headwater	3.9			
			1.0	10.6	11.0
			2.0	10.6	11.0
			2.9	10.5	11.0
			3.4	10.5	11.0
			3.8	10.4	11.0
	Tailwater	0.4			
			0.3	10.1	10.8
Oct 13, 2003					
	Headwater	3.7			
			1.0	10.1	12.8
			2.0	10.1	12.8
			2.7	10.1	12.8
			3.2	10.1	12.8
			3.6	10.0	12.9
	Tailwater	0.3			
			0.2	9.5	12.6
Oct 29, 2003					
	Headwater	3.5			
			1.0	11.2	6.2
			2.0	11.2	6.2
			2.5	11.2	6.2
			3.0	11.2	6.2
			3.4	11.2	6.3
	Tailwater	0.3			
			0.2	11.6	6.5
Nov 11, 2003					
	Headwater	3.6			
			1.0	14.0	2.1
			2.0	14.0	2.0
			2.6	13.8	2.1
			3.1	13.6	2.1
			3.5	13.2	2.5
	Tailwater	0.4			
			0.3	12.4	3.6
Nov 25, 2003					
	Headwater	4.0			
			1.0	15.6	0.4
			2.0	15.4	0.4
			3.0	15.2	0.6
			3.5	15.1	0.6
			3.9	15.1	0.7
	Tailwater	0.2			
			0.1	13.7	2.0

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
SPIRIT RESERVOIR					
Dec 15, 2003					
	Headwater	3.9			
			1.0	13.2	3.3
			2.0	12.5	3.3
			2.9	11.6	3.3
			3.5	9.9	3.3
			3.8	9.6	3.6
	Tailwater	0.3			
			0.2	11.9	3.2
Dec 30, 2003					
	Headwater	3.5			
			1.0	14.5	2.2
			2.0	8.5	3.9
			2.5	8.5	4.0
			3.0	8.4	4.0
			3.4	8.5	3.9
	Tailwater	0.2			
			0.1	11.8	3.4

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
WILLOW RESERVOIR					
Jan 14, 2003					
	Headwater	5.9			
			1.0	9.8	3.3
			2.0	9.8	3.3
			3.0	9.9	3.3
			4.0	9.8	3.3
			4.9	9.9	3.3
			5.4	9.9	3.3
			5.8	9.9	3.3
	Tailwater	0.2			
			0.1	12.9	3.1
Jan 27, 2003					
	Headwater	5.5			
			1.0	8.5	3.7
			2.0	8.3	3.7
			3.0	8.2	3.7
			4.0	8.3	3.7
			4.5	8.4	3.7
			5.0	8.4	3.7
			5.4	8.3	3.7
	Tailwater	0.2			
			0.1	10.6	3.5
Feb 6, 2003					
	Headwater	5.2			
			1.0	9.2	3.6
			2.0	9.0	3.7
			3.0	9.0	3.8
			4.2	8.9	3.8
			4.7	8.9	4.0
			5.1	8.9	4.1
	Tailwater	0.2			
			0.1	12.3	3.1
Feb 19, 2003					
	Headwater	5.0			
			1.0	7.7	3.3
			2.0	7.7	3.3
			3.0	7.8	3.3
			4.0	7.6	3.3
			4.5	7.6	3.3
			4.9	7.6	3.3
	Tailwater	0.2			
			0.1	12.3	3.0
Mar 5, 2003					
	Headwater	4.6			
			1.0	8.8	2.4
			2.0	7.9	2.7
			3.0	8.0	2.6
			3.6	8.0	2.6
			4.1	8.2	2.5
			4.5	8.1	2.5
	Tailwater	0.2			
			0.1	12.2	2.4

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
WILLOW RESERVOIR					
Mar 18, 2003					
	Headwater	4.3			
			1.0	10.3	2.3
			2.0	10.1	2.4
			3.0	10.1	2.4
			3.3	10.0	2.6
			3.8	10.1	2.6
			4.2	10.3	2.6
	Tailwater	0.2			
			0.1	13.4	2.6
Apr 2, 2003					
	Headwater	4.9			
			1.0	10.9	3.7
			2.0	10.9	3.6
			3.0	10.8	3.7
			3.9	10.8	3.8
			4.4	10.7	3.8
			4.8	10.7	3.8
	Tailwater	0.2			
			0.1	12.9	3.9
Apr 21, 2003					
	Headwater	5.7			
			1.0	11.6	3.5
			2.0	11.6	3.5
			3.0	11.5	3.6
			4.0	11.5	3.5
			4.7	11.5	3.6
			5.2	11.5	3.6
			5.6	11.4	3.8
	Tailwater	0.2			
			0.1	13.2	3.6
May 1, 2003					
	Headwater	6.2			
			1.0	12.5	11.2
			2.0	12.7	10.4
			3.0	12.6	9.8
			4.0	12.2	9.3
			5.2	11.3	8.8
			5.7	11.1	9.0
			6.1	11.0	9.1
	Tailwater	0.2			
			0.1	11.4	10.3
May 22, 2003					
	Headwater	7.1			
			1.0	8.6	14.0
			2.0	8.5	14.0
			3.0	8.5	14.0
			4.0	8.5	14.0
			5.0	8.5	14.0
			6.1	8.5	14.0
			6.6	8.5	14.0
			7.0	8.5	14.1
	Tailwater	0.2			
			0.1	10.1	14.1

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
<b>WILLOW RESERVOIR</b>					
Jun 6, 2003	Headwater	7.1			
			1.0	8.2	18.3
			2.0	7.9	18.0
			3.0	7.6	17.0
			4.0	7.4	16.8
			5.0	6.6	16.0
			6.1	6.1	15.7
			6.6	6.1	15.5
			7.0	6.1	15.6
	Tailwater	0.2			
			0.1	8.8	17.1
Jun 30, 2003	Headwater	7.0			
			1.0	6.8	19.4
			2.0	6.7	19.4
			3.0	6.6	19.3
			4.0	6.6	19.3
			5.0	6.5	19.3
			6.0	6.5	19.3
			6.5	6.5	19.3
			6.9	6.5	19.3
	Tailwater	0.2			
			0.1	8.9	20.7
Jul 8, 2003	Headwater	6.7			
			1.0	8.0	23.6
			2.0	8.0	23.5
			3.0	7.7	23.3
			4.0	7.7	23.2
			5.0	5.0	21.0
			5.7	2.8	19.3
			6.2	2.3	18.8
			6.6	2.2	18.9
	Tailwater	0.2			
			0.1	9.3	23.1
Jul 24, 2003	Headwater	6.2			
			1.0	7.7	21.9
			2.0	7.7	21.9
			3.0	7.7	21.9
			4.0	7.7	21.8
			5.2	7.7	21.8
			5.7	7.6	21.8
			6.1	7.7	21.8
	Tailwater	0.2			
			0.1	9.0	22.6

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (° C)
<b>WILLOW RESERVOIR</b>					
Aug 7, 2003	Headwater	6.0			
			1.0	9.3	23.5
			2.0	9.1	23.5
			3.0	8.2	23.1
			4.0	5.7	22.2
			5.0	2.5	21.6
			5.5	0.5	21.3
			5.9	0.3	21.2
	Tailwater	0.2			
			0.1	9.1	23.1
Aug 22, 2003	Headwater	5.7			
			1.0	7.8	24.5
			2.0	7.8	24.5
			3.0	7.8	24.5
			4.0	7.8	24.5
			4.7	7.8	24.5
			5.2	7.8	24.5
			5.6	7.8	24.5
	Tailwater	0.2			
			0.1	8.0	25.1
Sep 10, 2003	Headwater	5.0			
			1.0	7.4	21.1
			2.0	7.1	21.0
			3.0	7.1	20.7
			4.0	6.9	20.6
			4.5	6.1	20.1
			4.9	5.5	19.6
	Tailwater	0.2			
			0.1	8.1	20.8
Sep 24, 2003	Headwater	4.6			
			1.0	9.1	15.1
			2.0	9.1	15.1
			3.0	9.1	15.1
			3.6	9.1	15.1
			4.1	9.1	15.1
			4.5	9.1	15.1
	Tailwater	0.2			
			0.1	9.4	15.0
Oct 13, 2003	Headwater	4.4			
			1.0	9.7	12.1
			2.0	9.7	12.1
			3.0	9.7	12.1
			3.4	9.7	12.1
			3.9	9.7	12.1
			4.3	9.7	12.2
	Tailwater	0.2			
			0.1	10.3	12.1

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Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
<b>WILLOW RESERVOIR</b>					
Oct 29, 2003					
	Headwater	4.3			
			1.0	11.7	6.4
			2.0	11.7	6.4
			3.0	11.6	6.5
			3.3	11.6	6.5
			3.8	11.6	6.5
			4.2	11.7	6.5
	Tailwater	0.2			
			0.1	12.6	6.5
Nov 12, 2003					
	Headwater	4.5			
			1.0	15.7	1.6
			2.0	15.6	1.6
			3.0	15.5	1.6
			3.5	15.5	1.7
			4.0	15.4	1.7
			4.4	15.3	1.8
	Tailwater	0.2			
			0.1	15.5	1.8
Nov 25, 2003					
	Headwater	5.0			
			1.0	15.3	0.5
			2.0	15.1	0.7
			3.0	15.0	0.7
			4.0	15.1	0.7
			4.5	15.0	0.7
			4.9	14.9	0.9
	Tailwater	0.2			
			0.1	15.9	0.6
Dec 15, 2003					
	Headwater	5.1			
			1.0	13.9	2.3
			2.0	13.9	2.3
			3.0	13.5	2.3
			4.1	13.1	2.4
			4.6	13.1	2.4
			5.0	12.9	2.5
	Tailwater	0.2			
			0.1	13.4	2.2
Dec 30, 2003					
	Headwater	5.2			
			1.0	13.6	2.1
			2.0	12.9	2.3
			3.0	11.5	2.7
			4.2	11.4	2.8
			4.7	11.4	2.8
			5.1	11.9	2.8
	Tailwater	0.2			
			0.1	14.2	2.3

Date	Station	Total Depth (m)	Sample Depth (m)	DO (mg/L)	Temp (°C)
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