

## **WAQ 2 Appendix 1**

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*Daily Minimum, Maximum, and Standard Deviation of Temperature  
and Total Dissolved Gas Data*

WAQ2 Appendix 1-1 Total Dissolved Gas Data Summary for Phase 1

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
08/18/00	S1	64	16.1	9.1	1.9	767	742	7	102.2	98.8	0.9
08/18/00	S2	64	12.6	10.3	0.7	914	761	57	121.7	101.4	7.5
08/18/00	S3	64	12.6	11.7	0.2	850	763	24	113.1	101.5	3.2
08/18/00	S4	64	12.3	12.1	0.1	794	768	10	105.8	102.3	1.4
08/18/00	S5	64	12.3	12.1	0.1	809	776	11	107.8	103.2	1.4
08/19/00	S1	144	15.6	9.9	1.0	763	743	3	101.2	98.7	0.5
08/19/00	S2	144	13.6	9.1	1.3	925	767	41	122.7	101.7	5.4
08/19/00	S3	144	13.6	10.0	0.7	859	761	33	113.8	101.1	4.4
08/19/00	S4	144	12.3	10.8	0.4	799	788	2	106.0	104.5	0.3
08/19/00	S5	144	17.3	11.0	1.0	811	784	6	107.9	104.0	0.9
08/20/00	S1	144	13.4	9.7	0.6	755	740	3	100.2	98.3	0.3
08/20/00	S2	144	12.3	8.3	1.0	890	838	12	118.1	110.9	1.7
08/20/00	S3	144	12.4	11.0	0.5	850	832	4	112.8	110.1	0.7
08/20/00	S4	144	11.4	11.0	0.1	801	796	1	106.4	105.3	0.3
08/20/00	S5	144	16.1	11.1	1.7	806	770	13	106.8	102.3	1.6
08/21/00	S1	144	18.2	11.2	1.6	763	741	5	101.4	98.8	0.7
08/21/00	S2	144	14.9	8.5	1.7	906	768	37	120.2	102.0	4.8
08/21/00	S3	144	15.0	10.4	1.1	882	765	29	117.5	101.5	3.9
08/21/00	S4	144	13.7	11.2	0.8	820	795	6	109.2	105.5	0.9
08/21/00	S5	144	17.1	11.3	1.1	828	771	16	110.3	102.3	2.3
08/22/00	S1	144	19.3	10.7	2.5	763	728	7	102.3	97.4	0.9
08/22/00	S2	144	15.4	9.0	2.2	932	751	54	125.0	100.4	7.2
08/22/00	S3	144	15.5	9.7	1.6	927	761	44	124.1	101.9	6.0
08/22/00	S4	144	15.4	12.1	0.9	825	767	15	110.3	102.7	1.9
08/22/00	S5	144	15.4	12.2	0.9	833	771	16	111.4	103.2	2.0
08/23/00	S1	144	19.8	10.6	2.3	768	739	5	102.7	98.6	0.7
08/23/00	S2	143	15.4	9.8	1.5	948	766	48	126.9	102.4	6.5
08/23/00	S3	144	15.5	10.3	1.3	923	766	58	123.4	102.4	7.8
08/23/00	S4	144	14.9	11.8	0.8	866	768	23	115.8	102.6	3.1
08/23/00	S5	144	15.0	12.0	0.8	875	778	26	117.0	104.0	3.5
08/24/00	S1	144	16.5	12.3	1.2	762	742	6	101.4	98.6	0.8
08/24/00	S2	144	14.2	9.9	0.9	917	763	49	121.8	101.5	6.6
08/24/00	S3	144	14.0	10.8	0.7	866	764	24	114.9	101.5	3.2
08/24/00	S4	144	13.2	12.5	0.2	816	767	15	108.3	101.8	2.0
08/24/00	S5	144	17.8	12.6	0.5	825	772	14	109.4	102.4	1.9
08/25/00	S1	144	17.9	10.7	1.9	765	732	8	101.5	97.8	1.0
08/25/00	S2	144	13.9	10.8	0.8	876	767	41	116.8	102.2	5.4
08/25/00	S3	144	13.9	11.4	0.6	832	765	8	110.5	101.6	1.0
08/25/00	S4	144	13.5	12.4	0.3	787	761	8	104.6	101.1	1.1
08/25/00	S5	144	15.5	12.4	0.4	798	770	9	106.1	102.3	1.2
08/26/00	S1	144	15.8	11.7	0.6	756	739	3	100.7	98.4	0.4
08/26/00	S2	144	12.8	9.3	0.9	926	763	26	123.3	101.8	3.4
08/26/00	S3	144	12.4	10.4	0.7	862	775	24	115.0	103.2	3.2
08/26/00	S4	144	12.8	12.4	0.1	769	764	1	102.6	101.5	0.3
08/26/00	S5	144	17.7	12.5	0.8	789	772	3	105.1	102.7	0.4
08/27/00	S1	46	15.0	13.3	0.6	754	747	3	100.6	99.5	0.4
08/27/00	S2	46	10.0	9.5	0.1	819	807	3	109.2	107.5	0.5
08/27/00	S3	46	12.0	11.4	0.2	810	805	2	108.0	107.2	0.3
08/27/00	S4	46	12.7	12.6	0.0	767	763	1	102.3	101.6	0.2
08/27/00	S5	46	15.6	13.5	0.5	775	766	2	103.4	102.0	0.3

■ Indicates saturations > 110%

WAQ2 Appendix 1-2 Total Dissolved Gas Data Summary for Phase 2

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
08/31/00	Y1	144	15.5	12.7	0.3	787	772	3	104.5	102.5	0.4
08/31/00	Y3	144	16.0	15.5	0.1	766	753	3	101.7	100.0	0.4
08/31/00	Y4	144	14.7	13.7	0.3	796	777	4	105.7	103.2	0.6
08/31/00	Y5	144	13.3	12.1	0.3	797	793	1	105.9	105.3	0.1
08/31/00	Y6	144	13.2	12.5	0.2	808	804	1	107.3	106.7	0.2
08/31/00	Y7	144	14.1	10.3	1.7	863	780	32	114.7	103.6	4.3
09/01/00	Y1	138	16.0	12.3	0.5	839	758	20	111.4	100.6	2.6
09/01/00	Y3	138	15.8	12.4	0.7	804	755	14	106.9	100.3	1.9
09/01/00	Y4	138	14.6	13.7	0.2	801	778	7	106.6	103.5	0.9
09/01/00	Y5	138	13.4	12.0	0.3	797	793	1	106.1	105.4	0.2
09/01/00	Y6	138	13.2	12.6	0.2	807	805	1	107.4	106.9	0.1
09/01/00	Y7	138	14.6	12.0	0.7	870	798	19	115.6	106.0	2.5
09/02/00	Y1	144	15.9	12.8	0.4	775	755	7	102.4	100.3	0.7
09/02/00	Y3	144	14.9	13.1	0.3	764	741	8	100.9	98.6	0.7
09/02/00	Y4	144	14.7	14.1	0.2	790	761	7	104.9	100.4	1.1
09/02/00	Y5	144	13.3	12.3	0.3	797	793	1	106.0	104.7	0.3
09/02/00	Y6	144	13.5	12.2	0.3	810	804	2	107.8	106.7	0.3
09/02/00	Y7	144	13.5	11.5	0.5	859	786	19	114.0	103.7	2.6
09/03/00	Y1	144	14.9	11.9	0.4	805	771	13	106.3	101.7	1.7
09/03/00	Y3	144	14.5	12.1	0.8	792	742	19	104.5	97.8	2.6
09/03/00	Y4	144	14.6	13.3	0.3	796	756	11	104.7	99.7	1.4
09/03/00	Y5	144	13.5	12.2	0.3	796	793	1	105.1	104.5	0.1
09/03/00	Y6	144	13.6	12.3	0.4	811	806	1	107.1	106.0	0.2
09/03/00	Y7	144	14.2	11.0	1.3	840	784	20	111.0	103.3	2.7
09/04/00	Y1	144	14.1	11.8	0.5	820	782	10	107.9	102.7	1.4
09/04/00	Y3	144	14.1	12.1	0.4	801	760	12	105.3	99.9	1.6
09/04/00	Y4	144	14.6	13.1	0.4	796	780	5	104.7	102.7	0.6
09/04/00	Y5	144	13.3	11.9	0.4	795	790	1	104.7	103.8	0.2
09/04/00	Y6	144	13.8	12.5	0.3	813	807	1	106.8	106.1	0.2
09/04/00	Y7	144	14.4	12.4	0.5	845	806	8	111.1	105.9	1.0
09/05/00	Y1	144	15.3	11.8	0.7	827	760	18	108.3	99.5	2.4
09/05/00	Y3	144	14.5	12.0	0.6	807	755	14	105.7	98.9	1.9
09/05/00	Y4	144	14.7	13.6	0.3	802	781	5	105.1	102.4	0.7
09/05/00	Y5	144	13.8	12.2	0.5	796	789	2	104.3	103.3	0.3
09/05/00	Y6	144	13.8	12.4	0.3	813	808	1	106.7	105.9	0.2
09/05/00	Y7	144	14.3	11.7	0.8	840	792	14	110.0	103.8	1.7
09/06/00	Y1	144	16.1	13.3	0.4	796	755	11	104.1	98.7	1.4
09/06/00	Y3	144	14.5	13.3	0.4	784	748	11	102.7	97.8	1.6
09/06/00	Y4	144	14.8	13.7	0.2	787	769	5	103.1	100.7	0.6
09/06/00	Y5	144	13.3	12.3	0.2	795	791	1	104.3	103.4	0.2
09/06/00	Y6	144	13.8	13.2	0.2	814	811	1	106.9	106.0	0.2
09/06/00	Y7	144	14.5	11.7	1.0	847	798	12	111.2	104.3	1.7
09/07/00	Y1	144	15.7	13.1	0.6	806	761	12	106.6	100.4	1.7
09/07/00	Y3	144	15.0	13.3	0.6	798	744	15	105.6	98.1	2.2
09/07/00	Y4	144	14.8	13.6	0.4	785	773	4	103.9	102.2	0.5
09/07/00	Y5	144	13.5	12.1	0.4	796	790	1	105.5	104.1	0.5
09/07/00	Y6	144	13.8	12.0	0.4	813	806	2	107.7	106.7	0.2
09/07/00	Y7	144	14.8	13.9	0.2	852	800	13	112.1	105.4	1.7
09/08/00	Y1	144	14.7	13.0	0.3	776	756	6	103.3	100.5	0.8
09/08/00	Y3	144	14.7	13.0	0.3	768	751	5	102.2	100.0	0.7
09/08/00	Y4	144	15.4	13.9	0.4	776	763	4	103.2	101.5	0.5
09/08/00	Y5	144	13.4	12.2	0.3	794	789	1	105.5	104.8	0.2
09/08/00	Y6	144	14.0	12.7	0.4	815	809	2	108.1	107.6	0.1
09/08/00	Y7	144	14.4	12.6	0.5	860	799	17	114.5	106.4	2.4
09/09/00	Y1	144	13.8	13.3	0.2	760	755	1	100.6	99.8	0.3
09/09/00	Y3	144	14.3	13.3	0.4	756	725	9	100.0	96.2	1.1
09/09/00	Y4	144	14.7	13.8	0.2	771	658	46	102.0	87.3	6.0
09/09/00	Y5	144	13.6	11.9	0.3	795	789	1	105.7	104.2	0.3
09/09/00	Y6	144	14.1	12.7	0.5	816	811	2	107.9	107.2	0.2
09/09/00	Y7	144	13.5	10.8	0.9	804	784	6	106.3	104.0	0.6

■ Indicates saturations > 110%

WAQ2 Appendix 1-2 Total Dissolved Gas Data Summary for Phase 2 (cont'd)

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
09/10/00	Y1	144	13.8	13.8	0.0	757	755	1	100.5	99.7	0.3
09/10/00	Y3	144	14.5	14.1	0.1	737	707	9	97.6	93.4	1.2
09/10/00	Y4	144	14.6	13.9	0.2	730	659	23	96.6	87.5	3.0
09/10/00	Y5	144	13.4	12.7	0.2	795	791	1	105.4	104.4	0.3
09/10/00	Y6	144	14.0	12.9	0.3	816	812	1	108.3	107.3	0.3
09/10/00	Y7	144	11.2	10.6	0.2	785	780	1	104.2	103.0	0.3
09/11/00	Y1	144	14.7	13.0	0.4	804	754	14	106.1	99.5	1.9
09/11/00	Y3	144	14.8	13.2	0.4	795	704	27	105.0	92.8	3.7
09/11/00	Y4	144	14.8	14.0	0.2	739	663	16	97.7	87.5	2.1
09/11/00	Y5	144	13.8	12.6	0.3	794	790	1	105.1	104.2	0.3
09/11/00	Y6	144	13.6	13.0	0.1	816	813	1	107.9	107.3	0.2
09/11/00	Y7	144	14.7	10.6	1.9	867	779	31	114.7	102.7	4.2
09/12/00	Y1	144	16.2	13.4	0.4	814	754	20	107.8	99.6	2.7
09/12/00	Y3	144	14.7	13.5	0.3	801	750	18	106.2	99.2	2.5
09/12/00	Y4	144	14.9	13.7	0.4	779	628	57	103.0	83.1	7.5
09/12/00	Y5	144	13.8	12.4	0.4	795	788	1	105.4	104.2	0.3
09/12/00	Y6	144	13.7	12.9	0.2	817	814	1	108.3	107.6	0.2
09/12/00	Y7	144	15.0	12.2	0.8	865	803	18	114.3	106.2	2.3
09/13/00	Y1	144	14.8	13.3	0.3	833	776	16	110.6	102.5	2.2
09/13/00	Y3	144	14.2	13.5	0.2	821	753	18	109.0	99.4	2.6
09/13/00	Y4	144	14.4	13.7	0.2	779	632	48	103.1	83.5	6.3
09/13/00	Y5	144	13.8	12.0	0.5	795	789	2	105.5	104.2	0.4
09/13/00	Y6	144	14.1	13.1	0.3	820	816	1	108.9	107.8	0.3
09/13/00	Y7	144	15.2	12.1	1.0	865	802	18	114.8	106.2	2.4
09/14/00	Y1	144	15.4	13.8	0.4	782	764	5	103.6	101.0	0.7
09/14/00	Y3	144	15.1	14.0	0.3	776	749	8	103.0	99.1	1.1
09/14/00	Y4	144	15.3	13.6	0.5	816	652	42	108.2	86.4	5.6
09/14/00	Y5	144	14.8	10.7	1.1	794	782	2	105.1	103.7	0.3
09/14/00	Y6	144	14.3	12.3	0.6	822	814	2	109.0	107.8	0.4
09/14/00	Y7	144	15.3	13.0	0.6	865	800	21	114.8	105.9	2.8
09/15/00	Y1	144	15.4	12.9	0.4	819	760	18	108.2	100.2	2.3
09/15/00	Y3	144	14.8	13.0	0.3	807	742	18	106.6	98.1	2.4
09/15/00	Y4	144	15.1	14.3	0.2	706	647	14	93.2	85.3	1.9
09/15/00	Y5	144	14.1	12.5	0.4	791	784	2	104.4	103.6	0.2
09/15/00	Y6	144	14.3	13.1	0.3	823	817	1	108.5	108.0	0.1
09/15/00	Y7	144	15.2	13.0	0.5	841	802	11	111.1	105.7	1.6
09/16/00	Y1	136	14.8	13.6	0.2	791	757	12	104.1	99.7	1.6
09/16/00	Y3	134	14.5	13.8	0.2	794	744	16	104.5	97.9	2.1
09/16/00	Y4	132	17.9	14.1	1.7	785	644	69	103.3	84.8	9.1
09/16/00	Y5	136	14.1	12.6	0.4	790	784	2	104.0	103.1	0.3
09/16/00	Y6	138	14.1	12.9	0.2	822	792	13	108.4	104.2	1.8
09/16/00	Y7	136	14.9	12.5	0.7	814	787	5	107.1	103.5	0.7
09/17/00	Y1	144	14.6	13.6	0.3	774	769	1	101.7	100.9	0.2
09/17/00	Y3	144	15.4	14.0	0.5	777	756	7	102.1	99.2	0.9
09/17/00	Y4	144	18.0	16.6	0.4	786	777	2	103.5	102.0	0.3
09/17/00	Y5	144	14.0	13.1	0.2	791	783	2	104.0	102.9	0.2
09/17/00	Y6	144	13.8	13.2	0.2	794	792	1	104.4	104.0	0.1
09/17/00	Y7	144	14.3	11.1	0.9	787	779	2	103.4	102.4	0.2
09/18/00	Y1	144	15.5	13.4	0.4	825	762	16	108.2	100.2	2.1
09/18/00	Y3	144	15.2	13.5	0.4	814	750	18	107.0	98.3	2.4
09/18/00	Y4	144	18.2	16.3	0.6	785	777	2	103.2	101.9	0.3
09/18/00	Y5	144	14.2	13.4	0.3	789	781	2	103.7	102.7	0.3
09/18/00	Y6	144	13.8	13.1	0.1	793	790	1	104.3	103.6	0.1
09/18/00	Y7	144	15.1	11.1	1.9	834	778	14	109.7	102.0	1.8
09/19/00	Y1	144	16.4	14.0	0.4	868	759	38	114.4	99.9	5.1
09/19/00	Y3	144	15.1	14.1	0.3	845	745	39	111.4	98.1	5.2
09/19/00	Y4	144	18.2	15.5	0.7	805	778	6	106.1	102.3	0.8
09/19/00	Y5	144	14.4	12.9	0.3	789	781	2	104.0	102.6	0.3
09/19/00	Y6	144	14.3	12.9	0.3	792	789	1	104.4	103.9	0.1
09/19/00	Y7	101	15.3	13.4	0.5	853	779	12	112.2	102.5	1.5

■ Indicates saturations > 110%

WAQ2 Appendix 1-2 Total Dissolved Gas Data Summary for Phase 2 (cont'd)

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
09/20/00	Y1	144	16.0	13.5	0.5	855	767	33	112.7	102.1	4.0
09/20/00	Y3	144	14.9	13.6	0.4	844	752	32	111.3	100.1	3.8
09/20/00	Y4	144	18.2	15.3	0.9	815	781	11	107.4	103.9	1.1
09/20/00	Y5	144	14.8	12.9	0.5	788	783	1	104.5	103.5	0.3
09/20/00	Y6	144	14.3	12.5	0.5	791	787	1	105.3	103.8	0.4
09/21/00	Y1	144	15.2	13.3	0.5	848	762	29	112.8	101.5	3.8
09/21/00	Y3	144	14.7	13.3	0.4	820	730	26	109.0	97.2	3.4
09/21/00	Y4	144	17.4	15.4	0.5	785	773	2	104.5	103.0	0.4
09/21/00	Y5	144	14.0	13.3	0.2	788	781	2	105.0	103.8	0.3
09/21/00	Y6	144	14.3	13.2	0.3	792	786	1	105.5	104.5	0.3
09/22/00	Y1	144	14.8	12.9	0.6	843	762	31	111.9	100.4	4.3
09/22/00	Y3	144	14.7	13.0	0.6	816	741	25	108.3	97.7	3.4
09/22/00	Y4	144	15.8	14.8	0.2	784	770	4	103.8	101.7	0.4
09/22/00	Y5	144	14.5	13.2	0.3	789	781	2	104.6	103.0	0.4
09/22/00	Y6	144	14.0	13.3	0.2	791	788	1	105.0	104.0	0.2
09/23/00	Y1	140	14.7	13.0	0.5	776	759	5	102.3	99.9	0.7
09/23/00	Y3	144	14.5	13.0	0.5	766	712	16	100.9	93.8	2.0
09/23/00	Y4	144	15.7	14.6	0.3	785	759	8	103.5	99.9	1.1
09/23/00	Y5	144	14.4	12.7	0.5	787	781	1	103.8	102.8	0.3
09/23/00	Y6	144	14.9	12.4	0.6	790	782	2	104.1	102.7	0.3
09/24/00	Y1	144	14.5	12.8	0.3	771	759	3	101.4	99.7	0.4
09/24/00	Y3	144	14.2	12.2	0.7	748	721	5	98.3	94.9	0.7
09/24/00	Y4	144	15.2	14.1	0.3	780	763	3	102.6	100.2	0.4
09/24/00	Y5	144	14.3	11.2	0.8	786	774	3	103.4	101.9	0.3
09/24/00	Y6	144	16.5	12.5	1.3	789	764	9	103.8	100.2	1.2
09/25/00	Y1	143	15.2	12.9	0.7	861	761	31	113.8	100.0	4.3
09/25/00	Y3	144	15.2	12.2	1.0	840	712	45	111.1	93.5	6.1
09/25/00	Y4	144	15.0	13.7	0.4	814	759	18	107.4	99.9	2.5
09/25/00	Y5	144	14.6	13.4	0.2	779	767	3	102.6	101.3	0.4
09/25/00	Y6	144	15.6	12.6	0.7	787	771	4	103.7	101.9	0.4
09/26/00	Y1	143	14.9	12.7	0.7	849	763	27	112.2	100.7	3.6
09/26/00	Y3	144	14.9	13.3	0.4	834	736	28	110.4	97.2	3.6
09/26/00	Y4	144	15.2	14.1	0.3	812	769	12	107.4	101.5	1.6
09/26/00	Y5	144	14.3	11.4	0.5	785	766	5	103.7	101.1	0.7
09/26/00	Y6	144	14.4	12.9	0.4	786	777	2	103.8	102.8	0.2
09/27/00	Y1	142	14.7	12.8	0.6	820	748	17	108.3	98.6	2.2
09/27/00	Y3	144	14.7	13.3	0.4	801	719	24	105.9	95.0	3.2
09/27/00	Y4	144	15.6	14.3	0.4	785	767	5	103.6	101.1	0.7
09/27/00	Y5	144	14.4	12.3	0.4	785	770	5	103.6	101.6	0.6
09/27/00	Y6	144	14.4	13.5	0.2	782	773	3	103.3	102.1	0.4
09/28/00	Y1	144	13.6	12.8	0.3	791	750	13	104.2	98.7	1.7
09/28/00	Y3	144	13.7	12.9	0.2	779	719	19	102.5	94.6	2.5
09/28/00	Y4	144	15.9	15.1	0.2	779	769	2	102.7	101.1	0.4
09/28/00	Y5	144	14.6	13.9	0.1	782	777	1	102.9	102.2	0.1
09/28/00	Y6	144	14.3	13.7	0.1	780	773	2	102.9	101.7	0.3
09/29/00	Y1	144	13.4	12.7	0.2	784	765	6	103.2	100.6	0.7
09/29/00	Y3	144	13.5	12.7	0.3	760	692	22	100.1	91.4	2.9
09/29/00	Y4	144	15.7	14.8	0.3	773	769	1	101.8	101.1	0.2
09/29/00	Y5	144	14.2	13.6	0.1	782	773	2	103.0	101.7	0.3
09/29/00	Y6	144	14.5	13.7	0.1	778	771	2	102.4	101.3	0.3
09/30/00	Y1	138	12.9	12.7	0.1	766	763	1	101.5	100.8	0.2
09/30/00	Y3	138	13.4	12.8	0.2	717	695	6	94.7	91.8	0.7
09/30/00	Y4	138	15.7	14.9	0.4	772	765	2	102.3	101.1	0.3
09/30/00	Y5	138	14.5	14.0	0.1	778	775	1	102.9	102.4	0.2
09/30/00	Y6	138	14.2	12.2	0.5	784	773	3	103.6	102.1	0.4
10/01/00	Y1	144	13.0	12.8	0.0	764	761	1	100.9	100.5	0.1
10/01/00	Y3	144	13.5	12.9	0.1	705	691	4	93.1	91.3	0.5
10/01/00	Y4	144	15.7	15.5	0.0	767	763	1	101.3	100.8	0.1
10/01/00	Y5	144	14.4	13.4	0.2	776	770	1	102.5	101.7	0.2
10/01/00	Y6	144	14.1	13.2	0.2	778	772	2	102.8	102.0	0.2

■ Indicates saturations > 110%

WAQ2 Appendix 1-2 Total Dissolved Gas Data Summary for Phase 2 (cont'd)

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
10/02/00	Y1	144	13.7	12.6	0.4	822	760	19	108.6	100.4	2.5
10/02/00	Y3	144	13.7	12.4	0.4	803	691	43	106.1	91.3	5.7
10/02/00	Y4	144	15.6	14.0	0.5	783	759	6	103.4	100.3	0.8
10/02/00	Y5	144	13.9	13.0	0.2	772	768	1	102.0	101.5	0.1
10/02/00	Y6	144	14.5	13.1	0.3	774	768	1	102.2	101.5	0.2
10/03/00	Y1	144	13.8	12.3	0.4	834	757	20	110.2	100.0	2.6
10/03/00	Y2	41	13.8	13.1	0.2	795	775	6	105.0	102.4	0.9
10/03/00	Y3	144	13.8	12.7	0.2	822	739	22	108.6	97.6	2.9
10/03/00	Y4	144	15.1	14.0	0.2	794	759	8	104.9	100.3	1.1
10/03/00	Y5	144	14.0	13.3	0.2	784	769	5	103.6	101.6	0.7
10/03/00	Y6	144	14.4	12.4	0.4	777	767	2	102.6	101.3	0.2
10/04/00	Y1	144	14.1	11.9	0.7	802	751	15	105.9	99.2	2.0
10/04/00	Y2	137	14.2	11.6	0.5	794	759	11	104.9	100.3	1.5
10/04/00	Y3	144	14.1	12.4	0.4	787	727	18	104.0	96.0	2.4
10/04/00	Y4	144	14.9	13.5	0.4	781	760	5	103.2	100.4	0.7
10/04/00	Y5	144	13.9	12.5	0.3	776	767	3	102.5	101.3	0.4
10/04/00	Y6	144	14.2	12.5	0.3	776	768	3	102.5	101.5	0.3
10/05/00	Y1	149	14.4	11.7	0.9	849	757	24	112.2	100.0	3.2
10/05/00	Y2	148	14.4	11.8	0.7	818	768	16	108.1	101.5	2.1
10/05/00	Y3	149	14.3	12.4	0.4	811	724	25	107.1	95.6	3.3
10/05/00	Y4	149	14.8	13.3	0.4	791	767	8	104.5	101.3	1.1
10/05/00	Y5	149	13.9	8.6	1.6	774	746	7	102.2	98.5	1.0
10/05/00	Y6	149	15.1	13.7	0.3	770	762	2	101.7	100.7	0.3
10/06/00	Y1	144	14.3	11.5	0.9	854	762	24	112.8	100.7	3.1
10/06/00	Y2	142	14.4	11.6	0.8	834	775	13	110.2	102.4	1.7
10/06/00	Y3	144	14.3	12.3	0.3	832	740	24	109.9	97.8	3.2
10/06/00	Y4	144	13.6	11.6	0.4	783	759	7	103.4	100.3	0.9
10/06/00	Y5	144	13.6	11.0	0.5	762	752	2	100.7	99.3	0.3
10/06/00	Y6	144	15.0	14.5	0.1	763	759	1	100.8	100.3	0.1
10/07/00	Y1	144	12.5	11.4	0.2	783	755	6	103.4	99.7	0.8
10/07/00	Y2	142	13.3	11.7	0.4	796	760	10	105.2	100.4	1.3
10/07/00	Y3	144	13.5	12.0	0.5	767	717	14	101.3	94.7	1.8
10/07/00	Y4	144	13.1	12.3	0.2	783	766	6	103.4	101.2	0.8
10/07/00	Y5	144	13.2	12.1	0.2	755	752	1	99.7	99.3	0.1
10/07/00	Y6	144	14.7	14.2	0.1	761	757	1	100.5	100.0	0.1
10/08/00	Y1	144	12.5	11.5	0.3	770	753	6	101.7	99.5	0.8
10/08/00	Y2	142	13.5	11.4	0.8	775	749	9	102.4	98.9	1.2
10/08/00	Y3	144	12.0	11.4	0.2	720	710	4	95.1	93.8	0.5
10/08/00	Y4	144	14.2	12.8	0.3	766	756	3	101.2	99.9	0.4
10/08/00	Y5	144	13.1	12.9	0.1	757	751	2	100.0	99.2	0.2
10/08/00	Y6	144	14.4	13.1	0.3	760	754	1	100.4	99.6	0.1
10/09/00	Y1	142	13.5	11.8	0.5	811	754	13	107.1	99.6	1.8
10/09/00	Y2	142	13.6	11.9	0.3	790	757	9	104.4	100.0	1.2
10/09/00	Y3	144	13.5	12.0	0.5	781	710	26	103.2	93.8	3.4
10/09/00	Y4	144	14.3	13.3	0.3	770	758	3	101.7	100.1	0.4
10/09/00	Y5	144	13.1	12.8	0.1	751	749	1	99.2	98.9	0.1
10/09/00	Y6	144	13.3	12.9	0.1	758	757	0	100.1	100.0	0.1
10/10/00	Y1	144	13.0	12.2	0.2	809	751	12	106.9	99.2	1.6
10/10/00	Y2	143	13.1	12.2	0.1	787	762	7	104.0	100.7	0.9
10/10/00	Y3	144	13.0	12.3	0.1	783	723	15	103.4	95.5	2.0
10/10/00	Y4	144	14.0	13.1	0.3	770	758	3	101.7	100.1	0.4
10/10/00	Y5	144	13.6	13.1	0.1	761	751	2	100.5	99.2	0.3
10/10/00	Y6	144	13.3	13.0	0.1	758	757	0	100.1	100.0	0.1
10/11/00	Y1	142	13.2	11.9	0.4	819	751	13	108.2	99.2	1.8
10/11/00	Y2	142	13.3	12.0	0.3	792	754	11	104.6	99.6	1.5
10/11/00	Y3	144	13.2	12.3	0.1	783	714	20	103.4	94.3	2.7
10/11/00	Y4	144	13.9	13.0	0.2	777	754	8	102.6	99.6	1.0
10/11/00	Y5	144	13.3	13.2	0.0	759	755	1	100.3	99.7	0.1
10/11/00	Y6	144	13.3	13.0	0.0	757	757	0	100.0	100.0	0.0
10/12/00	Y1	60	12.9	12.0	0.4	807	751	16	106.6	99.2	2.1
10/12/00	Y2	60	13.0	12.2	0.2	777	761	5	102.6	100.5	0.6
10/12/00	Y3	61	13.0	12.4	0.1	777	720	16	102.6	95.1	2.1
10/12/00	Y4	61	14.0	13.3	0.2	774	757	5	102.2	100.0	0.7
10/12/00	Y5	61	13.4	13.1	0.1	755	752	1	99.7	99.3	0.1
10/12/00	Y6	61	13.2	13.0	0.0	757	756	0	100.0	99.9	0.1

■ Indicates saturations > 110%

WAQ2 Appendix 1-3 Total Dissolved Gas Data Summary for Phase 3

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
10/14/00	M2	54	13.5	13.1	0.1	774	768	1	101.9	101.1	0.2
10/14/00	M3	54	13.5	13.4	0.0	772	768	1	101.6	101.2	0.1
10/14/00	M4	54	14.3	13.4	0.1	774	769	1	101.8	101.2	0.1
10/14/00	M5	54	15.9	15.9	0.0	772	759	3	101.6	99.9	0.4
10/15/00	M2	144	13.5	12.4	0.4	820	765	15	108.1	100.8	2.0
10/15/00	M3	144	13.5	13.1	0.1	805	766	10	106.2	100.9	1.3
10/15/00	M4	144	15.4	13.2	0.7	801	759	10	105.6	100.0	1.3
10/15/00	M5	143	15.9	15.7	0.0	765	762	1	100.9	100.4	0.1
10/16/00	M2	144	13.5	12.3	0.4	773	763	2	101.9	100.6	0.3
10/16/00	M3	144	13.5	13.2	0.1	769	763	2	101.4	100.8	0.2
10/16/00	M4	144	15.3	13.2	0.6	775	761	3	102.2	100.3	0.4
10/16/00	M5	33	15.7	15.7	0.0	765	764	0	100.9	100.7	0.0
10/17/00	M2	144	13.5	12.7	0.2	829	764	17	109.9	100.9	2.3
10/17/00	M3	144	13.5	13.3	0.1	788	761	7	104.3	100.6	0.9
10/17/00	M4	144	14.8	13.3	0.4	785	757	7	104.0	100.1	1.0
10/18/00	M1	42	13.4	13.2	0.1	787	758	11	103.6	99.9	1.4
10/18/00	M2	152	13.4	12.6	0.1	798	763	7	105.3	100.5	1.1
10/18/00	M3	152	13.4	13.1	0.1	794	762	8	104.9	100.2	1.2
10/18/00	M4	152	15.1	13.2	0.6	789	762	7	104.1	100.4	1.0
10/19/00	M1	142	13.5	13.1	0.1	785	764	6	103.3	100.9	0.7
10/19/00	M2	144	13.3	12.5	0.2	785	762	3	103.2	100.5	0.5
10/19/00	M3	144	13.3	12.9	0.1	769	761	2	101.5	100.0	0.4
10/19/00	M4	144	15.1	13.0	0.6	767	758	2	101.4	99.7	0.5
10/20/00	M1	142	13.6	13.1	0.2	811	766	10	108.0	102.0	1.2
10/20/00	M2	144	13.4	12.0	0.2	823	763	11	109.6	101.3	1.3
10/20/00	M3	144	13.3	12.9	0.1	786	763	5	104.4	101.4	0.6
10/20/00	M4	144	15.3	13.1	0.6	780	759	5	103.4	101.1	0.5
10/21/00	M1	109	13.2	12.8	0.1	794	778	6	104.7	101.5	1.2
10/21/00	M2	109	12.0	10.3	0.5	804	790	4	105.4	104.1	0.3
10/21/00	M3	109	13.1	12.8	0.0	781	770	3	102.0	101.3	0.2
10/21/00	M4	109	15.3	13.2	0.4	767	758	2	101.3	98.9	0.7
10/21/00	M5	54	15.4	15.4	0.0	754	753	0	98.9	98.3	0.2
10/22/00	M1	142	12.9	12.5	0.1	778	767	3	101.5	100.4	0.3
10/22/00	M2	144	10.5	9.8	0.2	799	789	2	104.5	103.5	0.3
10/22/00	M3	144	13.1	12.4	0.1	783	778	1	102.6	101.4	0.3
10/22/00	M4	144	15.3	15.1	0.1	759	755	1	99.5	98.4	0.3
10/22/00	M5	43	15.4	15.3	0.0	754	753	0	98.4	98.1	0.1
10/23/00	M1	142	13.2	12.6	0.2	807	761	9	106.6	100.1	1.3
10/23/00	M2	144	13.0	10.1	1.2	789	763	10	103.7	100.6	1.1
10/23/00	M3	144	13.8	10.9	0.3	781	765	5	102.7	100.8	0.4
10/23/00	M4	144	15.2	11.7	1.0	777	751	6	102.2	98.8	0.9
10/24/00	M1	142	12.9	12.7	0.1	814	766	18	107.5	101.3	2.3
10/24/00	M2	144	12.7	10.8	0.6	812	762	11	107.2	100.7	1.4
10/24/00	M3	144	12.8	12.3	0.1	794	762	7	104.8	100.6	0.9
10/24/00	M4	144	14.4	12.3	0.6	786	754	7	103.9	99.6	0.9
10/25/00	M1	143	12.8	12.6	0.1	793	764	11	105.0	101.5	1.4
10/25/00	M2	144	12.6	10.7	0.6	779	761	5	103.2	100.8	0.6
10/25/00	M3	144	12.5	12.0	0.1	769	760	2	102.0	100.7	0.3
10/25/00	M4	144	14.6	12.3	0.8	767	753	3	101.8	99.8	0.5
10/26/00	M1	142	12.6	12.5	0.0	800	763	7	106.4	101.5	1.0
10/26/00	M2	144	12.5	11.0	0.5	795	760	5	105.7	101.0	0.7
10/26/00	M3	144	12.5	12.0	0.1	773	759	2	102.7	100.9	0.3
10/26/00	M4	144	14.6	12.3	0.8	768	752	4	102.2	100.0	0.6
10/27/00	M1	142	12.6	12.3	0.1	774	754	7	102.9	100.6	0.8
10/27/00	M2	144	11.3	10.7	0.2	773	769	1	103.8	102.2	0.5
10/27/00	M3	144	12.8	12.4	0.1	761	759	1	102.3	101.0	0.4
10/27/00	M4	144	14.7	14.5	0.0	755	751	1	101.3	100.0	0.4

■ Indicates saturations > 110%

WAQ2 Appendix 1-3 Total Dissolved Gas Data Summary for Phase 3 (cont'd)

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
10/28/00	M1	104	12.3	12.1	0.1	758	754	1	102.1	100.7	0.4
10/28/00	M2	106	11.4	10.5	0.3	772	762	3	103.9	102.1	0.5
10/28/00	M3	106	13.2	12.5	0.2	764	756	2	102.4	101.0	0.4
10/28/00	M4	106	14.6	14.4	0.0	759	749	2	101.6	100.0	0.3
10/28/00	M5	44	14.7	14.6	0.0	756	755	0	101.2	100.8	0.1
10/28/00	M6	56	13.3	13.2	0.0	765	761	1	101.2	100.7	0.2
10/29/00	M1	142	12.2	12.0	0.0	757	751	2	100.6	99.2	0.3
10/29/00	M2	144	10.7	10.3	0.1	772	768	2	102.7	101.9	0.2
10/29/00	M3	144	13.1	12.4	0.2	756	753	1	101.0	99.5	0.4
10/29/00	M4	144	14.4	14.3	0.0	749	748	1	100.0	98.8	0.3
10/29/00	M5	144	14.6	14.5	0.0	755	753	1	100.8	99.5	0.4
10/29/00	M6	142	13.3	13.2	0.1	766	758	2	100.6	99.2	0.3
10/30/00	M1	143	12.0	11.8	0.1	798	747	15	104.7	98.4	1.8
10/30/00	M2	144	11.9	10.0	0.7	796	753	8	104.8	99.1	1.1
10/30/00	M3	144	13.3	11.7	0.4	780	751	10	102.7	98.9	1.1
10/30/00	M4	144	14.4	11.7	1.1	777	745	11	102.3	98.1	1.4
10/30/00	M5	144	14.5	14.4	0.0	753	752	0	99.5	98.6	0.2
10/30/00	M6	143	13.3	13.1	0.1	807	754	15	104.7	98.4	1.8
10/31/00	M1	145	11.9	11.6	0.1	843	763	22	110.2	99.8	2.9
10/31/00	M2	147	11.7	9.1	0.7	842	759	18	110.0	99.3	2.4
10/31/00	M3	147	11.7	11.1	0.1	810	762	11	105.8	99.6	1.4
10/31/00	M4	147	13.7	11.3	0.7	796	753	7	104.0	98.6	0.8
10/31/00	M5	147	14.4	14.2	0.0	753	751	0	98.6	98.2	0.1
10/31/00	M6	145	13.3	13.1	0.0	853	772	22	110.2	99.8	2.9
11/01/00	M1	142	11.7	11.6	0.0	804	768	10	105.5	100.7	1.3
11/01/00	M2	144	11.6	9.5	0.5	806	756	10	105.8	99.3	1.3
11/01/00	M3	144	11.5	11.1	0.1	788	766	7	103.5	100.7	0.8
11/01/00	M4	144	13.4	11.2	0.5	798	761	8	104.3	99.6	1.0
11/01/00	M5	144	14.3	14.2	0.0	752	751	0	98.8	98.2	0.2
11/01/00	M6	142	13.4	13.1	0.1	813	776	10	105.5	100.7	1.3
11/02/00	M1	152	11.7	11.5	0.1	794	761	12	104.2	99.7	1.7
11/02/00	M2	155	11.5	9.7	0.6	794	757	11	104.2	99.1	1.5
11/02/00	M3	155	11.5	11.1	0.1	789	758	7	103.5	99.3	1.0
11/02/00	M4	155	13.9	11.3	0.8	786	750	9	103.2	98.5	1.2
11/02/00	M5	155	14.2	14.2	0.0	752	751	0	98.9	98.3	0.2
11/02/00	M6	152	13.1	12.9	0.1	803	769	12	104.2	99.7	1.7
11/03/00	M1	153	11.8	11.3	0.1	796	754	15	104.2	99.3	1.7
11/03/00	M2	155	11.3	10.2	0.3	781	757	5	102.3	99.2	0.9
11/03/00	M3	155	11.7	11.1	0.1	769	758	4	101.5	99.2	0.8
11/03/00	M4	155	14.1	11.5	0.8	765	749	4	100.2	98.1	0.4
11/03/00	M5	155	14.2	14.2	0.0	752	751	1	99.3	98.3	0.3
11/03/00	M6	153	13.0	12.7	0.1	805	761	15	104.2	99.3	1.7
11/04/00	M1	155	11.5	11.2	0.1	793	767	5	105.0	101.1	0.7
11/04/00	M2	156	11.3	9.7	0.5	797	762	5	105.5	100.5	0.8
11/04/00	M3	156	11.8	11.1	0.2	783	762	4	103.5	100.9	0.5
11/04/00	M4	156	14.1	11.1	1.2	779	749	10	102.9	99.0	1.1
11/04/00	M5	156	14.2	14.1	0.0	752	751	0	99.9	98.9	0.2
11/04/00	M6	155	12.7	12.4	0.1	802	775	5	105.0	101.1	0.7
11/05/00	M1	156	11.3	11.2	0.0	789	777	3	103.8	102.6	0.2
11/05/00	M2	158	10.3	9.1	0.3	780	769	3	103.0	101.2	0.5
11/05/00	M3	158	11.1	11.1	0.0	768	763	1	101.0	100.6	0.1
11/05/00	M4	158	13.9	11.8	0.4	766	746	5	100.8	98.4	0.5
11/05/00	M5	158	14.1	14.0	0.0	752	751	0	99.3	98.9	0.2
11/05/00	M6	156	12.5	12.4	0.0	797	785	3	103.8	102.6	0.2
11/06/00	M1	100	11.5	11.1	0.0	782	769	3	102.7	101.0	0.4
11/06/00	M2	156	11.1	9.1	0.9	785	765	4	103.1	100.5	0.7
11/06/00	M3	156	12.0	10.1	0.2	775	760	4	101.7	99.8	0.4
11/06/00	M4	156	13.8	11.0	1.2	772	743	12	101.3	97.6	1.4
11/06/00	M5	156	14.0	14.0	0.0	751	750	0	99.1	98.1	0.3
11/06/00	M6	100	12.5	12.3	0.1	790	777	3	102.7	101.0	0.4
11/07/00	M2	154	11.0	9.2	0.6	789	767	5	103.3	101.0	0.4
11/07/00	M3	154	11.0	10.5	0.1	780	768	3	102.3	100.6	0.5
11/07/00	M4	154	13.5	10.7	1.1	777	747	10	102.0	97.8	1.6
11/07/00	M5	154	14.0	13.8	0.0	750	749	0	99.1	98.1	0.3

■ Indicates saturations > 110%



WAQ2 Appendix 1-3 Total Dissolved Gas Data Summary for Phase 3 (cont'd)

Date	Station	N	Temperature (°C)			TDG Pressure (mm Hg)			TDG %Saturation		
			Max	Min	StDev	Max	Min	StDev	Max	Min	StDev
11/08/00	M2	155	10.9	9.0	0.7	795	765	5	105.5	101.6	0.6
11/08/00	M3	155	10.9	10.4	0.1	778	767	2	103.2	101.5	0.3
11/08/00	M4	155	13.5	10.6	1.0	776	746	8	103.0	99.0	1.1
11/08/00	M5	155	13.9	13.7	0.0	750	749	0	99.7	99.1	0.1
11/09/00	M2	155	10.7	8.2	0.9	785	760	7	104.3	100.8	1.0
11/09/00	M3	155	10.8	9.8	0.2	771	763	2	102.4	101.0	0.3
11/09/00	M4	155	13.4	10.1	1.1	768	745	7	102.0	99.0	0.9
11/09/00	M5	155	13.7	13.6	0.0	750	749	0	99.7	99.1	0.2
11/10/00	M2	157	10.6	7.4	1.1	805	774	8	106.2	102.0	1.1
11/10/00	M3	157	10.6	9.4	0.2	795	760	10	104.7	100.3	1.2
11/10/00	M4	157	13.2	10.1	1.1	790	741	14	103.9	97.8	1.8
11/10/00	M5	157	13.6	13.3	0.1	749	748	0	99.1	98.2	0.2
11/11/00	M2	105	10.3	6.6	1.1	801	782	5	104.6	102.6	0.6
11/11/00	M3	105	10.6	8.9	0.5	783	769	3	102.3	100.5	0.4
11/11/00	M4	105	12.9	10.5	0.8	773	741	9	101.5	96.6	1.3
11/11/00	M5	105	13.3	13.1	0.1	748	745	1	98.2	97.2	0.3
11/12/00	M2	155	10.2	6.2	1.3	840	778	9	110.1	102.0	1.2
11/12/00	M3	155	9.9	8.8	0.3	806	782	6	105.8	102.0	0.9
11/12/00	M4	155	12.7	9.7	0.8	773	744	8	101.5	97.2	1.3
11/12/00	M5	155	13.1	12.9	0.1	746	744	0	97.7	97.1	0.2
11/13/00	M2	156	10.0	6.7	1.1	790	761	10	103.8	100.4	1.1
11/13/00	M3	156	9.8	9.0	0.3	807	764	17	106.2	100.7	2.1
11/13/00	M4	156	12.5	9.1	1.0	792	746	12	104.3	98.3	1.6
11/13/00	M5	156	12.9	12.6	0.1	746	744	1	98.4	97.5	0.2
11/14/00	M2	156	9.7	6.6	1.0	783	756	7	103.1	99.5	1.0
11/14/00	M3	156	9.7	9.1	0.1	771	759	3	101.5	99.8	0.4
11/14/00	M4	156	12.2	9.3	0.9	768	742	8	101.3	97.7	1.0
11/14/00	M5	156	12.6	12.3	0.1	745	743	0	98.1	97.7	0.1
11/15/00	M2	158	9.5	7.1	0.9	803	756	14	105.4	99.2	1.8
11/15/00	M3	158	9.6	8.9	0.1	789	755	10	103.5	99.1	1.3
11/15/00	M4	158	11.9	9.0	0.9	784	740	14	102.8	97.1	1.8
11/15/00	M5	158	12.3	12.0	0.1	745	742	1	97.8	97.3	0.1
11/16/00	M2	155	9.3	7.6	0.4	812	752	21	106.3	98.1	2.8
11/16/00	M3	155	9.2	8.9	0.1	796	755	11	104.0	98.5	1.4
11/16/00	M4	155	11.2	9.0	0.6	792	745	12	103.5	97.3	1.6
11/16/00	M5	155	12.1	11.9	0.0	746	743	1	97.4	97.0	0.1
11/17/00	M2	156	9.0	6.5	0.8	787	754	7	102.5	98.3	0.9
11/17/00	M3	156	9.0	8.5	0.1	775	753	9	101.0	98.0	1.2
11/17/00	M4	156	11.6	8.8	0.9	756	737	5	98.6	95.7	0.7
11/17/00	M5	156	12.0	11.7	0.1	744	742	0	97.0	96.0	0.1

■ Indicates saturations > 110%