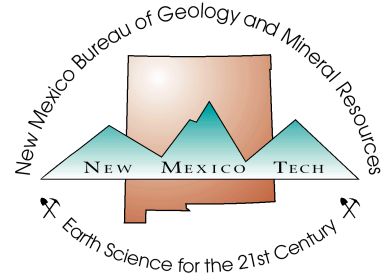


New Mexico Bureau of Geology & Mineral Resources



Bulletin, 161, Appendix 3: Chemistry data

from:

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Data Repository:

<http://geoinfo.nmt.edu/repository/index.cfm?rid=20160001>

(data available in Excel and CSV formats)

- 3.1 General chemistry data for well, spring, and stream waters
- 3.2 Trace element chemistry data for well, spring, and stream waters
- 3.3 CFC data and recharge ages

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Appendix 3.1—Chemistry data for well, spring, and stream waters.

Site ID	Site type	Field Parameters					General Chemistry*							Major and minor ions*													Analyzing laboratory	Sample date		
		Temp (°C)	Temp (°F)	SC (µS/cm)	DO*	Field pH	SC (µS/cm)	Lab pH	TDS	Hardness	Total anions (meq/L)	Total cations (meq/L)	Charge balance (% diff)	Water type	Ca	Mg	Na	Ca:Na Ratio	K	HCO ₃	CO ₃	SO ₄	Cl	Br	F	Fe			Mn	NO ₃
EB-001	well						355	212				4.49	Ca-Na-Mg-HCO3-SO4	61	15	41	1.7		197	5	59	26		2	0.03	<0.03	2.9	Unknown	4/1/95	
EB-019	well						354	8.4	188	125		-1.07	Ca-Na-HCO3	39	7	20	2.2	1.7	149		16	19		0.21	<0.05		12.7	Hall Environmental	3/1/96	
EB-131	well						230	7.0	92	152.1		-11.55	Ca-Na-HCO3	23	4	21	1.3		142	0	15	4		0.04	0	0	19.5	Environmental Biochemists	11/9/77	
EB-134	well						230	7.3	150	112.8		10.68	Ca-Na-HCO3	37	5	36	1.2		152	<1	8	6		0.21	<0.1	<0.02	19.9	Albuchemist, Inc.	9/24/79	
EB-135	well						225	8.2	166	96.8		3.24	Ca-Na-HCO3	34	3	27	1.4		150	<1	11	4		0.2	<0.1	<0.02	6.9	Albuchemist, Inc.	9/24/79	
EB-219	well	17	62.6	133		6.8			125			3.51	Ca-Mg-HCO3	27	8	9	3.4	1.2	113		9	7		0.23				Scientific Lab. Div. of NM	9/13/84	
EB-223	well	15.6	60.1	146	8.7	8.0	255	7.9	163	80	2.56	2.62	1.12	Ca-Na-HCO3	26	3	23	1.3	1.2	120		19	5	0.12	0.28	<0.02	<0.001	2.6	NMBGMR	10/4/11
EB-293	well						8.2	144	81			-2.99	Ca-Na-HCO3	32		13	2.9		119		11	5		<0.02	<0.01			Inter Mountain Laboratories Inc.	1/30/01	
EB-303	well	16.5	61.7	594	8.9	7.6	565	7.8	391	256	6.36	6.25	-0.89	Ca-HCO3-SO4-Cl	86	10	25	3.9	2.4	170		97	47	0.64	0.17	<0.02	<0.001	14	NMBGMR	6/22/11
EB-304	well						7.8	141	77					Ca-Na-HCO3	24	4	14	2.0		116		12	8		<0.05	4.36	0.19	5.1	Assagai Analytical Laboratories	5/18/04
EB-313	well	16.2	61.2	266	0.5	7.2	255	7.4	180	80	2.95	2.79	-2.64	Ca-Na-HCO3-SO4	25	4	27	1.1	1.3	130		32	5	0.1	0.29	1.6	0.52	0.1	NMBGMR	6/22/11
EB-315	well	15.3	59.5	259	4.8	8	240	8.2	160	97			0.40	Ca-Na-HCO3	31	5	13	2.7	1.6	120		15	8	0.12	0.24	0.23	<0.001	4	NMBGMR	5/11/05
EB-319	well						324	8.0	182	111			4.00	Ca-Na-HCO3	32	8	30	1.2	5	167		16	10		<0.1	<0.05			NMDWB	9/25/97
EB-323	well	20.6	69.1	415		6.9			350				5.02	Na-Ca-Mg-HCO3	54	17	67	0.9	4.3	314		18	32		0.51				Scientific Lab. Div. of NM	9/13/84
EB-328	well	18	64.4	253	2.6	8.3	235	8.3	155	53			1.78	Na-Ca-HCO3	16	3	33	0.6	1.8	110	4	14	6	<0.1	0.57	0.04	<0.001	4.8	NMBGMR	6/7/05
EB-329	well	16.4	61.5	234	4.7	7.9	220	8.1	152	73			-2.47	Ca-Na-HCO3	24	3	19	1.4	1.2	120		11	6	<0.1	0.26	0.17	<0.001	6.4	NMBGMR	5/11/05
EB-332	well	15.6	60.0	265	8.2	7.9	260	7.4	180	95	2.89	2.9	0.24	Ca-Na-HCO3	28	7	22	1.5	2.2	140		11	8	0.11	0.34	<0.02	0.001	7.1	NMBGMR	7/21/11
EB-336	well	19.6	67.3	551	0.6	8.5	550	8.5	316	5			-0.75	Na-HCO3	2	<1	125	0.0	1	275	12	22	6	0.14	1.6	0.02	0.009	1.3	NMBGMR	4/8/05
EB-337	well	18	64.4	288	7.3	8.1	270	8.2	191	27			-1.68	Na-HCO3	11	<1	54	0.2	1.8	150		21	3	0.11	0.4	0.04	0.002	3.8	NMBGMR	4/8/05
EB-338	well	16.3	61.3	159		8.0	150	8	108	65			-2.07	Ca-HCO3	22	3	7	3.7	0.9	95		4	2	<0.1	0.29	0.10	<0.001	1.4	NMBGMR	4/9/05
EB-339	well						239	7.8	128	47			-2.98	Na-Ca-HCO3-SO4	15	1	39	0.4		122	0	28	1		0.27	0.09	<0.01		Controls for Environmental Pollution, Inc.	10/2/87
EB-363	well	14	57.2	135		6.7			130				-13.28	Ca-HCO3	24	0	7	3.9	1.6	102		10	4		0.26				Scientific Lab. Div. of NM	12/27/84
EB-364	well	16.4	61.5	176	7.5	7.8	185	7.9	125	82	1.92	2.06	3.50	Ca-HCO3	27	4	9	3.4	1	105		4	3	0.04	0.22	<0.02	<0.001	1.5	NMBGMR	10/20/11
EB-366	well	16.1	60.9	210	8.3	7.7	220	7.9	140	93	2.29	2.25	-1.04	Ca-HCO3	31	4	8	4.2	1.0	115		7	7	0.08	0.23	<0.02	<0.001	4.3	NMBGMR	10/20/11
EB-370	well						440	7.9	252	221.97			13.10	Ca-Na-HCO3-SO4	79	6	23	4.0		144	<5	62	14		0.24	0.15	0.019	8.7	Assagai Analytical Laboratories	1/13/88
EB-373	well	17.5	63.5	247	6.4	7.5	265	7.9	164	106	2.68	2.73	0.84	Ca-Na-HCO3	35	5	13	3.1	1.4	125		17	8	0.09	0.24	<0.02	<0.001	4.1	NMBGMR	10/20/11
EB-383	well												1.09	Na-Ca-HCO3	21	2	34	0.7	1.8	130	0	18	4						NMDWB	4/1/97
EB-391	well						8	177	114				2.19	Ca-HCO3	38	4	11	4.2		144		7	3		<0.05	<0.07	<0.02	4.4	Assagai Analytical Laboratories	5/5/04
EB-459	well	18	64.4	250		7.3			162				-6.55	Na-HCO3-SO4	11	0	58	0.2	0	155		32	9		0.48				Scientific Lab. Div. of NM	12/27/84
EB-569	well						254	7.0		106			2.22	Ca-HCO3	36	4	9	4.6	2.6	142	<1	<2	5		0.3				NMDWB	3/17/97
EB-579	well						6.9	135	88				3.22	Ca-Na-HCO3	30	4	14	2.5		115		6	5		<0.5	<0.01	<0.01	3.1	Assagai Analytical Laboratories	6/21/00
EB-595	stream	23.2	73.8	251	4.7	8.3	230	8.4	141	98			0.73	Ca-HCO3	31	5	10	3.7	1.6	87	4	23	12	<0.1	0.27	0.24	0.02	0.2	NMBGMR	5/12/05
EB-607	well	18.7	65.7	216	3.5	8		8.1	227	44.1				Na-Ca-HCO3	16	1	32	0.6	1.4	134	0	15	2	0.02	0.4	<0.01	<0.001	0.8	LANL	9/26/06
EB-624	spring						322	7.6	274	171			3.54	Ca-Na-Mg-HCO3	47	12	27	2.0	3.5	231	<1	16	7						Unknown	9/8/98
LC-001	spring	21.6	70.9	278	3.6	7.9	275	7.7	175	94	2.88	2.82	-1.03	Ca-Na-HCO3	28	6	20	1.6	2.4	145		14	6	0.07	0.35	0.11	0.004	3.1	NMBGMR	6/1/11
LC-003	spring	13.6	56.4	457	1.6	7.4	470	7.3	296	189	4.8	4.95	1.57	Ca-Na-Mg-HCO3-SO4	56	12	25	2.6	2.6	155		54	34	0.33	0.25	<0.02	0.005	9.2	NMBGMR	6/1/11
LC-005	spring	14	57.2	367	6.7	7.6	380	7.6	236	147	3.97	3.8	-2.18	Ca-Na-HCO3	49	6	19	3.0	1.1	175		23	15	0.13	0.25	<0.02	0.001	10	NMBGMR	6/1/11
LC-006	well	15.1	59.2	279	10.6	7.2	275	7.5	189	117	2.96	2.89	-1.23	Ca-HCO3	35	7	12	3.3	1.7	115		10	17	0.13	0.21	<0.02	<0.001	22	NMBGMR	6/21/11
LC-007	spring	12.1	53.7	567	3	7.2	440	7.6	305	136	4.92	4.78	-1.43	Ca-Na-HCO3-SO4	43	7	46	1.1	2.2	180		65	15	0.16	0.29	0.02	0.056	12	NMBGMR	6/22/11
LC-008	spring	15.0	59.1	405	3.6	7.3	390	7.5	263	152	4.39	4.28	-1.18	Ca-Na-HCO3	45	10	26	2.0	3.8	180		32	25	0.21	0.31	0.03	0.016	2.9	NMBGMR	6/22/11
LC-016	spring	15.5	59.9	307	6.8	7.4	2290	7.6	206	88	3.34	3.26	-1.20	Na-Ca-HCO3	29	4	34	1.0	1.9	155		24	8	0.11	0.36	<0.02	0.005	3.6	NMBGMR	6/22/11
LC-017	spring	12.9	55.3	397	6.1	7.8																							NMBGMR	3/25/11
LC-018	spring	10	50.0	271	5.3	7.7																							NMBGMR	3/25/11
LC-019	spring	12.0	53.5	218	7.1	7.9																							NMBGMR	3/25/11
LC-020	spring	7.5	45.5	809	5.2	7.3																							NMBGMR	3/25/11
LC-021	spring	11	51.8	349	7.3	7.7																							NMBGMR	3/25/11
LC-022	spring	9.1	48.4	667	7.5	6.9																							NMBGMR	3/25/11
LC-023	spring	18.5	65.3	375	5.7	7.7	305	7.4	212	70	3.32	3.42	1.44	Na-Ca-HCO3	23	3.2	45	0.59	2.6	145		29	10	0.38	0.4	0.29	0.033	1.4	NMBGMR	7/20/11
LC-026	well	14.9	58.8	358	1.4	7.6	565	7.4	344	218	5.55	5.7	1.35	Ca-Na-HCO3-Cl-SO4	69	11	28	2.83	4.6	155		63	57	0.62	0.22	<0.02	0.002	4.9	NMBGMR	10/4/11
LC-033	effluent	25.8	78.4	703	5.9	7.6	736	7.8	454	142	7.61	7.32	-1.94	Na-Ca-HCO3-Cl	45.3	7	90.5	0.57	21.5	239	<5	48	75.3	0.17	0.34	0.10	0.02	9.01	NMBGMR	8/30/12

*Units are mg/L (ppm)

*Units are mg/L (ppm)

Appendix 3.2–Trace element chemistry data for well, spring, and stream waters.

Site ID	Trace Elements*														Trace Elements*													
	Ag	Al	As	B	Ba	Be	Cd	Co	Cr	Cu	Hg	Li	Mo	Ni	Pb	PO ₄	Sb	Se	Si	SiO ₂	Sn	Sr	Th	Ti	Tl	U	V	Zn
EB-001	<0.03		<0.01		0.17		<0.002		<0.03	<0.03	<0.0004				<0.003			<0.01										
EB-019																												
EB-131																												
EB-134																												
EB-135																												
EB-219																0.03				21.4		0.18						0.21
EB-223	<0.0005	0.0006	0.0043	0.037	0.089	<0.0005	<0.0005	<0.0005	0.0018	<0.0005		0.012	0.001	<0.0005	<0.000	<0.5	<0.000	0.001	10	22	<0.000	0.13	<0.000	<0.001	<0.000	0.003	0.0069	0.024
EB-293	<0.01	<0.05								<0.01																		<0.025
EB-303	<0.0005	<0.0005	0.002	0.025	0.22	<0.0005	<0.0005	<0.0005	0.0022	0.0012		0.015	<0.001	0.0012	<0.000	<0.5	<0.000	0.005	11	24	<0.000	0.47	<0.000	0.0013	<0.000	0.0053	0.007	0.005
EB-304	<0.01	<0.8	0.004		0.12	<0.002	<0.001		<0.15	<0.17				<0.09	<0.001		<0.005	<0.005						<0.001			0.3	
EB-313	<0.0005	0.001	0.0078	0.041	0.13	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		0.012	0.0019	0.0012	<0.000	<0.5	<0.000	<0.001	8.7	19	<0.000	0.17	<0.000	0.001	<0.000	0.0011	0.0006	0.0069
EB-315	<0.001	0.001	0.003	0.02	0.12	<0.001	<0.001	<0.001	0.001	0.003		0.009	0.001	<0.001	<0.001	<0.5	<0.001	0.001	10	21	<0.001	0.21	<0.001	0.001	<0.001	0.002	0.009	0.01
EB-319																												
EB-323																0.69				34.2								
EB-328	<0.001	0.001	0.004	0.071	0.055	<0.001	<0.001	<0.001	0.013	0.001		0.015	0.002	<0.001	<0.001	<0.5	<0.001	0.002	10	21	<0.001	0.27	<0.001	<0.001	<0.001	0.004	0.021	0.008
EB-329	<0.001	<0.001	0.004	0.028	0.11	<0.001	<0.001	<0.001	0.001	0.001		0.008	0.001	<0.001	<0.001	<0.5	<0.001	<0.001	9	20	<0.001	0.16	<0.001	0.001	<0.001	0.002	0.006	0.021
EB-332	<0.0005	0.0027	0.0038	0.027	0.11	<0.0005	<0.0005	<0.0005	0.0016	0.0011		0.013	0.0011	0.0006	<0.000	<0.5	<0.000	<0.001	12	25	<0.000	0.23	<0.000	0.0023	<0.000	0.0023	0.013	0.0027
EB-336	<0.001	0.016	0.042	0.17	0.029	<0.001	<0.001	<0.001	0.006	0.005		0.069	0.002	<0.001	<0.001	<0.5	<0.001	0.002	9.1	20	<0.001	0.049	<0.001	0.002	<0.001	0.013	0.045	0.003
EB-337	<0.001	0.002	0.018	0.061	0.11	<0.001	<0.001	<0.001	0.005	0.003		0.03	0.002	<0.001	<0.001	<0.5	<0.001	<0.001	10	21	<0.001	0.2	<0.001	0.001	<0.001	0.005	0.019	0.008
EB-338	<0.001	0.001	0.001	0.009	0.17	<0.001	<0.001	<0.001	<0.001	0.001		0.004	<0.001	<0.001	<0.001	<0.5	<0.001	<0.001	10	21	<0.001	0.083	<0.001	0.001	<0.001	<0.001	0.004	0.001
EB-339	<0.01		<0.01		<0.1		<0.001		<0.01	<0.01	<0.0004				<0.001		<0.01										<0.1	
EB-363																				21.4								
EB-364	<0.0005	0.0092	0.0022	0.011	0.13	<0.0005	<0.0005	<0.0005	0.0005	0.0038		0.005	<0.001	0.0012	<0.000	<0.5	<0.000	<0.001	11	23	<0.000	0.13	<0.000	0.001	<0.000	0.0008	0.0058	0.0049
EB-366	<0.0005	0.0056	0.0006	0.013	0.13	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		0.005	<0.001	0.0005	<0.000	<0.5	<0.000	<0.001	9.7	21	<0.000	0.14	<0.000	0.0009	<0.000	0.0012	0.0029	0.0036
EB-370																												
EB-373	<0.0005	0.0016	0.0011	0.026	0.11	<0.0005	<0.0005	<0.0005	0.0008	<0.0005		0.007	<0.001	<0.0005	<0.000	<0.5	<0.000	<0.001	9	19	<0.000	0.15	<0.000	0.0007	<0.000	0.0032	0.0051	0.0021
EB-383																												
EB-391	<0.01	<0.2	0.0022		0.15	<0.002	<0.0005		<0.15	0.26	<0.0002			<0.09	<0.000		<0.005	<0.005						<0.000				<0.02
EB-459																0.01				19								
EB-569			0.002		0.195	<0.0002	<0.0001		0.0011		<0.0002			0.0012			<0.000	0.0011										
EB-579	<0.01	<0.1	<0.001		0.13	<0.002	<0.001		<0.01	<0.02	0.0006			<0.02	<0.001		<0.001	<0.001						<0.001				0.02
EB-595	<0.001	0.013	0.001	0.017	0.055	<0.001	<0.001	<0.001	0.001	0.003		0.006	0.001	0.001	<0.001	<0.5	<0.001	<0.001	6.3	14	<0.001	0.11	<0.001	0.002	<0.001	0.004	0.002	0.001
EB-607	<0.001	0.006	0.0051	<0.002	0.12	<0.001	<0.001	<0.001	0.002	<0.001	<0.0025	0.013	<0.05	<0.001	<0.000	<0.01	<0.05	<0.001	11.9	25.4	<0.05	0.16	<0.05	<0.002	<0.001	0.0018	0.009	<0.001
EB-624																												
LC-001	<0.0005	0.078	0.0024	0.026	0.1	<0.0005	<0.0005	<0.0005	0.0009	<0.0005		0.013	0.0025	0.0006	<0.000	<0.5	<0.000	0.001	11	23	<0.000	0.23	<0.000	0.0047	<0.000	0.0039	0.014	0.0027
LC-003	<0.0005	0.005	0.003	0.027	0.17	<0.0005	<0.0005	<0.0005	0.0011	0.0025		0.016	0.0016	0.0011	<0.000	<0.5	<0.000	0.0017	11	24	<0.000	0.48	<0.000	0.0012	<0.000	0.0036	0.012	0.016
LC-005	<0.0005	0.0013	0.0027	0.024	0.19	<0.0005	<0.0005	<0.0005	0.0014	<0.0005		0.012	<0.001	0.0009	<0.000	<0.5	<0.000	0.0012	11	23	<0.000	0.27	<0.000	<0.001	<0.000	0.0033	0.0077	0.0025
LC-006	<0.0005	<0.0005	0.0011	0.012	0.11	<0.0005	<0.0005	<0.0005	0.001	0.003		0.008	<0.001	<0.0005	<0.000	<0.5	<0.000	<0.001	12	26	<0.000	0.24	<0.000	0.0015	<0.000	0.0007	0.0037	0.029
LC-007	<0.0005	0.24	0.0042	0.056	0.11	<0.0005	<0.0005	0.001	0.002	0.0038		0.016	0.0011	0.0017	<0.000	<0.5	<0.000	0.0017	12	25	<0.000	0.26	<0.000	0.0188	<0.000	0.0091	0.009	0.013
LC-008	<0.0005	0.32	0.0087	0.028	0.16	<0.0005	<0.0005	0.0045	0.0016	0.0067		0.016	0.0021	0.0018	<0.000	<0.5	<0.000	0.0013	13	27	<0.000	0.34	<0.000	0.014	<0.000	0.01	0.022	0.0092
LC-016	<0.0005	0.0048	0.0051	0.056	0.11	<0.0005	<0.0005	0.0009	0.0015	0.0013		0.016	0.0013	0.0005	<0.000	<0.5	<0.000	<0.001	11	25	<0.000	0.16	<0.000	0.0013	<0.000	0.004	0.0094	0.0044
LC-017																												
LC-018																												
LC-019																												
LC-020																												
LC-021																												
LC-022																												
LC-023	<0.0005	0.35	0.013	0.059	0.099	<0.0005	<0.0005	0.0049	0.0024	0.0049		0.018	<0.001	0.0021	0.0011	<0.5	<0.000	0.0017	11	24	<0.000	0.14	<0.000	0.0041	<0.000	0.004	0.016	0.016
LC-026	<0.0005	0.0094	0.0022	0.023	0.24	<0.0005	<0.0005	0.0006	0.0014	0.0013		0.017	<0.001	0.0014	<0.000	<0.5	<0.000	0.004	13	27	<0.000	0.39	<0.000	0.001	<0.000	0.0021	0.0081	0.0049
LC-033	<0.0005	0.0125	0.0023	0.237	0.062	<0.0005	<0.0005	0.0046	0.0015	0.0107		0.03	0.004	0.0022	0.0006	12.1	<0.000	0.001	11.1	23.8	<0.000	0.424	<0.000	0.004	<0.000	0.0007	0.0026	0.0932

*Units are mg/L (ppm)

*Units are mg/L (ppm)

Appendix 3.3—CFC data and recharge ages.

Site ID	Lab ID	Date	Water Concentration Corrected for Stripping Efficiency				Equivalent Atmospheric Concentration				Recharge Age in years before sampling date			
			SF6	CFC12	CFC11	CFC113	SF6	CFC12	CFC11	CFC113	SF6	CFC 12	CFC 11	CFC 113
			pmol/Kg	pmol/Ka	pmol/Ka	pmol/Kg	pmol/mol	pmol/mol	pmol/mol	pmol/mol				
EB-223	108.01	10/4/11	0.001974	2.295	2.830	0.220	6.7	573.1	184.5	46.8	3	Ss	30	26
EB-223	0108.01D	10/4/11	0.002408	2.436	2.988	0.243	8.2	608.4	194.8	51.6	Ss	Ss	29	25
EB-223	0108.01D2	10/4/11	0.001626	2.395	3.003	0.242	5.6	598.1	195.8	51.4	7	Ss	29	25
EB-303	108.03	6/22/11	0.009541	208.845	48.345	2.214	32.6	52154.8	3152.0	470.2	Ss	Ss	Ss	Ss
EB-303	0108.03D	6/22/11	0.006815	241.219	50.619	2.335	23.3	60239.6	3300.3	495.9	Ss	Ss	Ss	Ss
EB-303	0108.03D2	6/22/11	0.006557	239.816	50.594	2.304	22.4	59889.4	3298.7	489.3	Ss	Ss	Ss	Ss
EB-313	108.02	6/22/11	0.001916	8.919	0.239	0.524	6.5	2227.4	15.6	111.2	3	Ss	49	Ss
EB-313	0108.02D	6/22/11	0.003710	9.039	0.310	0.584	12.7	2257.4	20.2	124.1	Ss	Ss	48	Ss
EB-313	0108.02D2	6/22/11	0.005401	9.599	0.334	0.724	18.5	2397.2	21.8	153.8	Ss	Ss	48	Ss
EB-332	108.04	7/21/11	0.006324	2.762	2.953	0.300	21.6	689.7	192.5	63.8	Ss	Ss	29	23
EB-332	0108.04D	7/21/11	0.006772	2.583	2.802	0.308	23.1	645.0	182.7	65.4	Ss	Ss	30	23
EB-332	0108.04D2	7/21/11	0.006565	2.637	2.645	0.305	22.4	658.5	172.5	64.8	Ss	Ss	32	23
EB-373	108.06	10/20/11	0.003165	26.746	14.646	2.045	10.8	6679.2	954.9	434.3	Ss	Ss	Ss	Ss
EB-373	0108.06D	10/20/11	0.001671	27.267	14.996	2.107	5.7	6809.3	977.7	447.5	7	Ss	Ss	Ss
EB-373	0108.06D2	10/20/11	0.002641	26.975	14.957	2.116	9.0	6736.6	975.2	449.4	Ss	Ss	Ss	Ss
LC-006	108.05	6/21/11	0.003538	0.482	0.789	0.084	12.1	120.3	51.5	17.9	Ss	42	42	33
LC-006	0108.05D	6/21/11	0.003729	0.776	0.967	0.106	12.7	193.7	63.1	22.5	Ss	38	41	31
LC-006	0108.05D2	6/21/11	0.003811	0.496	0.796	0.036	13.0	124.0	51.9	7.6	Ss	42	42	38
LC-008	108.07	6/22/11	0.005307	5.323	0.071	0.111	18.1	1329.4	4.6	23.5	Ss	Ss	56	31
LC-008	0108.07D	6/22/11	0.003116	4.610	0.052	0.019	10.7	1151.3	3.4	4.0	Ss	Ss	57	41
LC-008	0108.07D2	6/22/11	0.004511	2.879	0.123	0.011	15.4	719.0	8.0	2.3	Ss	Ss	53	44

Input data:

Ss — "Supersaturated" means there are additional non-atmospheric sources of the CFC or SF6 that overwhelm concentrations from natural sources.

Recharge temperature: 11°C

Recharge elevation: 2100 m