

Date	Site	Sampler	Total Coliform	E.Coli	Enterococcus	NO3-N mg/L	PO4 mg/L	SO4 mg/L	NH3-N	Turbidity	DO mg/L	Water Temp	Conductivity	pH
4/15/01	Carpinteria	DB,JA												
	greenhouse discharge into Santa Monica Creek					17.8	12.2			28.4			2.47 mS @ 10.2 C	8.7
	Santa Monica creek					0.1	0.17			1.08			1471 uS @14.1C	7.8
	Santa Monica creek, upstream					0.2	0.23			0.21			1537 uS @11.3C	7.9
4/18/01	Santa Monica and Franklin creeks	JA												
	greenhouse discharge in Santa Monica Creek					22.1	13.2				10		2.4 mS @ 68F	8.6
	SM @ debris gate					0.2	0.28			nd			745 uS	8.5
	Linden@Foothill					6.9	0.33			nd			2.16 mS	7.8
	Foothill @ church					1.2	0.36			nd			1.85 mS	7.7
	Giovanni & Christi					4	0.36			nd			1656 uS	7.4
		5554				1.1	0.77			nd			884 uS	7.6
	Boy's Club					1.1	0.21			nd			1765 uS	7.5
	Fork					2.4	0.19			nd			1655 uS	nd
	Drain above Fork					0.6	0.41			nd			2.14 mS	7.7
	crack in wall at bikepath above Boy's Club					11.3	4.4						3.97 mS	9.5

Carpinteria  
HSA 315.34

S B Channel keepers

Data Source	Creek Watcher	Date	Time	Watershed	Creek	Station	General Location	Temp C°	turbidity	DO ppm	DO percent	phosphate	nitrate	pH	coliform1	dilution	fecal colif	total coliform
SB Co. Creekwatchers	Derek Lohula	n/a	n/a	Arroyo Paredon	Arroyo Paredon	N34°25.015' W119°32.664'		n/a	0	n/a	81%	1	0	8	Positive			
SB Co. Creekwatchers	Derek Lohula	n/a	n/a	Arroyo Paredon	Arroyo Paredon	N34°24.851' W119°33.406'		n/a	40	n/a	41%	4	20-40	8	Positive			
SB Co. Creekwatchers	Cate School	2/21/01	n/a	Carpinteria	Carpinteria		near intersection of Carp Creek and Gobernador	n/a	n/a	n/a	n/a	n/a	n/a	n/a		x10	0	10
SB Co. Creekwatchers	Cate School	2/21/01	n/a	Carpinteria	Gobernador		near intersection of Carp Creek and Gobernador	n/a	n/a	n/a	n/a	n/a	n/a	n/a		x10	0	10
SB Co. Creekwatchers	Douglas de Firman	12/25/98	n/a	Rincon	Rincon	n/a		8	0	8	68%	1	5	8	Positive			
SB Co. Creekwatchers	Douglas de Firman	2/8/99	n/a	Rincon	Rincon	n/a		8	>100	8	68%	4	5	8	Positive			
SB Co. Creekwatchers	Derek Lohula	n/a	n/a	Toro Canyon	Toro Creek			14	0	8	78%	1	5	8	n/a			
SB Co. Creekwatchers	Douglas de Firman	12/24/98	n/a		Franklin	N34°24.084' W119°31.296'		12	40	8	74%	1	40	9	n/a			
SB Co. Creekwatchers	Douglas de Firman	3/9/99	n/a		Franklin	N34°24.084' W119°31.296'		20	40	8	88%	4	40	9	n/a			

SB Co Creekwatchers

# Santa Barbara Co Health

Date	Total			Fecal			Enterococcus			Ratio of fecal/total	exceeds
	Coliform	LOG MEAN	exceeds	Coliform	LOG MEAN	exceeds	Coliform	LOG MEAN	exceeds		
3/10/97	10			10			1			1.00	
3/17/97	530			100			99			0.19	
3/24/97	10			10			NA			1.00	
3/31/97	2,880			10			738			0.00	
5/5/97	10	69	No	10	16		64	47		1.00	
5/13/97	990	172	No	310	31		254	186	Yes	0.31	
5/19/97	16,520	342	No	420	42	Yes	504	279	Yes	0.03	
5/27/97	10	342	No	10	42		42	191		1.00	
6/2/97	20,050	505	Yes	10	42		75	121		0.00	
6/9/97	10,130	2015	Yes	200	76		164	146	Yes	0.02	
6/16/97	4,060	2672	No	100	61		738	181	Yes	0.02	
6/23/97	20,100	2779	Yes	100	46		87	127		0.00	
6/30/97	20,100	12721	Yes	420	97	Yes	64	138		0.02	
7/7/97	20,050	12721	Yes	200	176		42	123		0.01	
7/14/97	100	5051	No	10	97		1	44		0.10	
7/21/97	14,450	6511	Yes	990	153	Yes	111	30	Yes	0.07	
7/23/97	10	1422	No	10	96		1	12		1.00	
7/28/97	10	311	No	10	46		10	9		1.00	
8/4/97	5,910	243	No	2,540	76	Yes	10	6		0.43	
8/11/97	10	154	No	10	76		1	6		1.00	
8/18/97	1,640	99	No	10	30		10	4		0.01	
8/25/97	420	210	No	100	48		1	4		0.24	
9/2/97	750	498	No	10	48		31	5		0.01	
9/8/97	6,590	509	No	10	16		10	5		0.00	
9/15/97	10	509	No	10	16		1	5		1.00	
9/22/97	310	365	No	10	16		1	3		0.03	
9/29/97	310	343	No	10	10		1	3		0.03	
10/6/97	750	343	No	100	16		53	4		0.13	
10/13/97	10	94	No	10	16		1	2		1.00	
10/20/97	10	94	No	10	16		1	2		1.00	
10/27/97	1,240	124	No	210	29	No	100	6	No	0.17	No
11/3/97	10	62	No	10	29	No	20	10	No	1.00	No
11/10/97	20,050	120	Yes	870	45	Yes	478	16	Yes	0.04	No
11/12/97	10	120	No	10	45	No	1	16	No	1.00	No
11/17/97	200	218	Yes	10	45	No	1	16	No	0.05	No
11/24/97	10	83	No	10	24	No	42	13	No	1.00	No
12/1/97	200	152	No	10	24	No	64	17	No	0.05	No
12/8/97	10,462	133	No	109	16	No	124	13	Yes	0.01	No
12/10/97	6,131	481	No	601	37	Yes	560	45	Yes	0.10	No
12/15/97	2,046	765	No	52	51	No	10	71	No	0.03	No
12/22/97	314	1525	No	168	89	No	10	54	No	0.54	No
12/29/97	169	1474	No	41	119	No	1	23	No	0.24	No
1/5/98	6,488	1340	No	109	119	No	178	25	Yes	0.02	No
1/12/98	1,483	1009	No	41	69	No	42	15	No	0.03	No
1/20/98	201	634	No	10	50	No	1	9	No	0.05	No
1/27/98	9,804	1262	No	158	49	No	254	18	Yes	0.02	No
2/2/98	354	1463	No	1	23	No	406	60	Yes	0.00	No
2/9/98	3,654	1305	No	30	18	No	87	52	No	0.01	No

2/17/98	4,611	1637	No	107	22	No	222	72	Yes	0.02	No
2/23/98	30,000	4455	Yes	96	34	No	207	210	Yes	0.00	No
3/2/98	11,199	4575	Yes	20	23	No	75	165	No	0.00	No
3/9/98	24,192	10649	Yes	10	36	No	53	110	No	0.00	No
3/16/98	1,968	9409	No	31	36	No	87	110	No	0.02	No
3/23/98	1,019	6957	No	20	26	No	20	68	No	0.02	No
3/30/98	30,000	6957	Yes	96	26	No	111	60	Yes	0.00	No
4/6/98	1,565	4694	No	1	14	No	20	46	No	0.00	No
4/13/98	2,282	2927	No	84	22	No	10	33	No	0.04	No
4/20/98	122	1678	No	1	11	No	1	13	No	0.01	No
4/27/98	1,043	1686	No	148	16	No	53	16	No	0.14	No
5/4/98	324	682	No	1	7	No	10	10	No	0.00	No
5/11/98	1,137	640	No	364	21	No	1	6	No	0.32	No
5/18/98	2,359	644	No	645	32	Yes	87	9	No	0.27	No
5/26/98	663	903	No	62	74	No	31	17	No	0.09	No
6/1/98	2,142	1043	No	669	99	Yes	137	21	Yes	0.31	No
6/8/98	12,997	2182	Yes	3,725	515	Yes	192	37	Yes	0.29	Yes
6/15/98	8,664	3276	No	41	333	No	504	129	Yes	0.00	Yes
6/22/98	3,076	3454	No	738	342	Yes	453	179	Yes	0.24	Yes
6/29/98	2,489	4501	No	820	573	Yes	137	242	Yes	0.33	Yes
7/6/98	24,192	7309	Yes	17,329	1099	Yes	99	226	No	0.72	Yes
7/13/98	2,382	5206	No	1,726	942	Yes	75	188	No	0.72	Yes
7/20/98	9,804	5336	No	211	1307	No	306	170	Yes	0.02	Yes
7/27/98	5,748	6047	No	63	799	No	207	145	Yes	0.01	Yes
8/3/98	341	4063	No	31	415	No	150	148	Yes	0.09	Yes
8/10/98	30,000	4242	Yes	15,531	406	Yes	1013	235	Yes	0.52	Yes
8/17/98	9,804	5629	No	148	248	No	271	304	Yes	0.02	Yes
8/24/98	2,613	4321	No	233	253	No	1	97	No	0.09	Yes
8/31/98	1,354	3236	No	52	244	No	87	81	No	0.04	Yes
9/8/98	3,255	5081	No	74	290	No	238	89	Yes	0.02	Yes
9/14/98	2,755	3152	No	135	112	No	238	67	Yes	0.05	No
9/21/98	130	1328	No	20	75	No	20	40	No	0.15	No
9/28/98	4,106	1453	No	246	76	No	87	97	No	0.06	No
10/5/98	2,851	1687	No	265	105	No	99	100	No	0.09	No
10/12/98	1,882	1512	No	74	105	No	64	77	No	0.04	No
10/19/98	2,613	1496	No	187	113	No	150	70	Yes	0.07	No
10/26/98	160	1559	No	20	113	No	1	38	No	0.13	No
11/2/98	907	1153	No	148	102	No	143	42	Yes	0.16	No
11/9/98	146	636	No	20	61	No	1	17	No	0.14	No
11/16/98	350	454	No	20	47	No	10	12	No	0.06	No
11/23/98	10	149	No	10	26	No	1	4	No	1.00	No
11/30/98	1,106	220	No	148	39	Yes	175	12	Yes	0.13	No
12/7/98	860	217	No	171	40	No	148	12	Yes	0.20	No
12/14/98	512	279	No	74	52	No	31	24	No	0.14	No
12/21/98	959	342	No	52	63	No	109	39	Yes	0.05	No
12/28/98	521	754	No	160	109	No	63	89	No	0.31	No
1/4/99	1,573	809	No	10	64	No	1	32	No	0.01	No
1/11/99	464	715	No	41	48	No	10	18	No	0.09	No
1/19/99	5,475	1148	Yes	5,172	112	Yes	243	28	No	0.94	Yes
1/25/99	2,046	1336	Yes	218	149	Yes	213	32	No	0.11	Yes

2/1/99	134	1018	Yes	10	86	No	20	25	No	0.07	No
2/8/99	1,450	1002	Yes	85	131	No	107	64	Yes	0.06	No
2/16/99	331	937	Yes	10	99	No	41	85	Yes	0.03	No
2/22/99	373	547	Yes	130	47	No	20	52	Yes	0.35	No
3/1/99	382	391	No	52	36	No	20	32	No	0.14	No
3/8/99	86	358	No	74	53	No	20	32	No	0.86	No
3/15/99	30,000	656	No	5,475	122	No	2613	61	Yes	0.18	Yes
3/22/99	2,282	965	Yes	265	236	Yes	175	82	Yes	0.12	Yes
3/29/99	504	1025	Yes	85	216	Yes	10	71	Yes	0.17	No
4/5/99	650	1140	Yes	51	216	Yes	131	104	Yes	0.08	No
4/12/99	7,270	2770	Yes	122	238	Yes	197	164	Yes	0.02	No
4/19/99	223	1039	Yes	30	84	No	20	62	Yes	0.13	No
4/26/99	565	786	No	31	55	No	41	46	Yes	0.05	No
5/3/99	63	519	No	41	47	No	3	36	Yes	0.65	No
5/10/99	97	354	No	10	34	No	84	33	No	0.10	No
5/17/99	556	212	No	10	21	No	41	24	No	0.02	No
5/24/99	4,106	380	No	31	21	No	74	32	No	0.01	No
6/1/99	3	133	No	3	13	No	20	27	No	1.00	No
6/7/99	86	142	No	3	8	No	3	27	No	0.03	No
6/14/99	250	171	No	97	12	No	41	24	No	0.39	No
6/22/99	934	190	No	173	22	No	30	22	No	0.19	No
6/28/99	134	96	No	3	14	No	10	15	No	0.02	No
7/6/99	528	269	No	20	20	No	30	16	No	0.04	No
7/19/99	594	397	No	10	25	No	3	16	No	0.02	No
7/26/99	5,794	744	No	119	26	No	30	15	No	0.02	No
8/2/99	336	606	No	10	15	No	10	12	No	0.03	No
8/9/99	10	361	No	3	15	No	3	10	No	0.30	No
8/16/99	1,187	424	No	63	19	No	10	8	No	0.05	No
8/23/99	727	442	No	10	19	No	3	8	No	0.01	No
8/30/99	368	254	No	30	14	No	3	5	No	0.08	No
9/7/99	1,112	323	No	31	18	No	3	4	No	0.03	No
9/13/99	422	683	No	10	23	No	3	4	No	0.02	No
9/20/99	85	403	No	20	18	No	10	4	No	0.24	No
9/27/99	246	325	No	52	25	No	10	5	No	0.21	No
10/4/99	435	336	No	41	27	No	3	5	No	0.09	No
10/11/99	226	244	No	41	28	No	3	5	No	0.18	No
10/18/99	1,236	303	No	146	48	No	41	8	No	0.12	Yes
10/25/99	337	399	No	10	42	No	20	9	No	0.03	No
11/1/99	637	482	No	313	60	No	31	12	No	0.49	No
11/8/99	12,033	937	No	605	103	No	288	29	No	0.05	No
11/15/99	10	502	No	3	61	No	3	29	No	0.30	No
11/22/99	529	424	No	98	56	No	41	29	No	0.19	No
11/29/99	3	165	No	3	44	No	10	26	No	1.00	No
12/6/99	3	56	No	3	17	No	20	23	No	1.00	No
12/13/99	3	11	No	3	6	No	3	9	No	1.00	No
12/20/99	20	12	No	10	8	No	20	14	No	0.50	No
12/27/99	146	10	No	10	5	No	10	10	No	0.07	No
1/3/00	10	12	No	3	5	No	3	8	No	0.30	No
1/10/00	52	21	No	20	7	No	3	6	No	0.38	No
1/18/00	2,359	81	No	41	12	No	97	11	No	0.02	No

closed  
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1/24/00	31	89	No	10	12	No	10	10	No	0.32	No
1/31/00	888	128	No	158	21	No	158	17	Yes	0.18	No
RE 2/2/00	465	275	No	120	43	No	41	29	No	0.26	No
2/7/00	218	366	No	41	50	No	3	29	No	0.19	No
2/14/00	4,106	409	No	384	79	No	173	32	Yes	0.09	No
2/22/00	3,654	1062	No	31	98	No	230	60	Yes	0.01	No
2/28/00	1,376	1159	No	10	57	No	41	46	No	0.01	No
3/6/00	30,000	2667	Yes	504	76	Yes	3654	112	Yes	0.02	No
re-03/08/2	30,000	7142	Yes	624	130	Yes	9804	567	Yes	0.02	No
3/13/00	301	4213	No	10	85	No	3	237	Yes	0.03	No
3/20/00	52	2034	No	3	38	No	3	120	No	0.06	No
3/27/00	52	1001	No	3	26	No	3	58	No	0.06	No
4/3/00	10	441	No	3	21	No	10	46	No	0.30	No
4/10/00	10	38	No	3	4	No	3	4	No	0.30	No
4/17/00	30,000	96	Yes	17,329	17	Yes	24192	23	Yes	0.58	Yes
re-04/19/2	323	138	No	10	22	No	52	41	No	0.03	No
4/24/00	697	232	No	20	32	No	3	41	No	0.03	No
5/1/00	20	267	No	3	32	No	3	32	No	0.15	No
5/8/00	3	210	No	3	32	No	3	32	No	1.00	No
5/15/00	3	33	No	3	6	No	3	5	No	1.00	No
5/22/00	780	40	No	41	7	No	4	3	No	0.05	No
5/30/00	10	17	No	3	5	No	3	3	No	0.30	No
6/5/00	10	15	No	3	5	No	3	3	No	0.30	No
6/12/00	30	23	No	3	5	No	3	3	No	0.10	No
6/19/00	3	23	No	3	5	No	3	3	No	1.00	No
6/26/00	41	13	No	41	5	No	201	7	Yes	1.00	No
re-06/28/2	20	15	No	10	6	No	3	7	No	0.50	No
7/5/00	3	12	No	3	6	No	3	7	No	1.00	No
7/10/00	20	11	No	3	6	No	3	7	No	0.15	No
7/17/00	12,033	57	Yes	11,199	33	Yes	6488	32	Yes	0.93	Yes
re7/19/200	373	88	No	74	38	No	3	14	No	0.20	No
7/24/00	63	111	No	41	50	No	3	14	No	0.65	No
7/31/00	31	177	No	3	50	No	3	14	No	0.10	No
8/7/00	135	260	No	10	63	No	20	20	No	0.07	No
8/14/00	20	72	No	3	12	No	10	6	No	0.15	No
8/21/00	9,804	139	No	185	15	No	41	9	No	0.02	No
8/28/00	134	162	No	41	15	No	20	14	No	0.31	No
9/5/00	41	171	No	10	19	No	3	14	No	0.24	No
9/11/00	31	127	No	3	15	No	10	12	No	0.10	No
9/18/00	134	186	No	3	15	No	10	12	No	0.02	No
9/25/00	110	76	No	3	6	No	3	7	No	0.03	No
10/2/00	63	74	No	3	6	No	3	6	No	0.05	No
10/9/00	9,804	150	No	288	8	No	63	7	No	0.03	No
10/17/00	10	119	No	10	8	No	3	7	No	1.00	No
10/23/00	624	196	No	512	18	Yes	3	6	No	0.82	No
10/25/2000	148	199	No	41	29	No	199	10	Yes	0.28	No
10/30/00	1,187	296	No	52	46	No	63	17	No	0.04	No
11/6/00	246	372	No	134	87	No	10	20	No	0.54	No
11/13/00	3	97	No	3	40	No	10	15	No	1.00	No
11/20/00	20	108	No	3	33	No	3	15	No	0.15	No

11/27/00	173	87	No	63	23	No	213	30	Yes	0.36	No
12/4/00	10	56	No	3	15	No	10	19	No	0.30	No
12/11/00	3	21	No	3	9	No	3	11	No	1.00	No
12/18/00	110	18	No	3	5	No	3	9	No	0.03	No
12/26/00	20	25	No	3	5	No	3	7	No	0.15	No
1/2/01	10	22	No	10	6	No	3	7	No	1.00	No
1/8/01	75	19	No	10	4	No	74	6	No	0.13	No
1/16/01	85	27	No	31	7	No	3	5	No	0.36	No
1/22/01	161	53	No	3	7	No	52	8	No	0.02	No
1/29/01	31	43	No	10	8	No	10	10	No	0.32	No
2/5/01	10	38	No	3	8	No	3	10	No	0.30	No
2/12/01	1,935	92	No	41	10	No	98	18	No	0.02	No
2/20/01	122	100	No	63	14	No	41	16	No	0.52	No
2/26/01	3,873	189	No	41	15	No	203	33	Yes	0.01	No
2/28/01	395	220	No	10	18	No	20	28	No	0.03	No
3/6/01	3,873	491	No	52	23	No	160	45	Yes	0.01	No
3/8/01	389	904	No	10	29	No	20	61	No	0.03	No
3/12/01	213	626	No	3	19	No	3	34	No	0.01	No
3/19/01	41	522	No	3	11	No	10	27	No	0.07	No
3/26/01	31	233	No	10	9	No	10	16	No	0.32	No
4/2/01	41	160	No	10	9	No	3	12	No	0.24	No
4/9/01	2,359	147	No	95	10	No	20	8	No	0.04	No
4/16/01	98	117	No	31	12	No	10	8	No	0.32	No
4/23/01	3	57	No	3	12	No	3	8	No	1.00	No
10/1/96	9,450			200			64			0.02	
3/10/97	100			10			42			0.10	
3/17/97	8,310			640			531			0.08	
3/24/97	100			10			10			0.10	
3/31/97	3,840	1247	Yes	10	42		99	68		0.00	
5/5/97	100	502	Yes	100	36		20	54		1.00	
5/19/97	10	317	Yes	10	36		1	25		1.00	
5/27/97	10	83	No	10	16		1	7		1.00	
6/2/97	200	95	No	10	16		1	5		0.05	
6/9/97	10	29	No	10	16		1	2		1.00	
6/16/97	10	18	No	10	10		1	1		1.00	
6/23/97	10	18	No	10	10		10	2		1.00	
6/30/97	10	18	No	10	10		1	2		1.00	
7/7/97	10	10	No	10	10		1	2		1.00	
7/14/97	10	10	No	10	10		1	2		1.00	
7/21/97	10	10	No	10	10		1	2		1.00	
7/28/97	640	23	No	10	10		1	1		0.02	
8/4/97	200	42	No	200	18		42	2		1.00	
8/11/97	10	42	No	10	18		1	2		1.00	
8/18/97	200	76	No	200	33		1	2		1.00	
8/25/97	10	76	No	10	33		1	2		1.00	
9/2/97	10	33	No	10	33		1	2		1.00	
9/8/97	200	33	No	10	18		1	1		0.05	
9/15/97	10	33	No	10	18		1	1		1.00	
9/22/97	200	33	No	10	10		1	1		0.05	
9/29/97	10	33	No	10	10		1	1		1.00	

10/6/97	750	79	No	100	16		53	2		0.13
10/13/97	10	43	No	10	16		10	4		1.00
10/20/97	200	79	No	10	16		10	6		0.05
10/27/97	200	79	No	200	29	No	164	15	No	1.00
11/3/97	10	79	No	10	29	No	20	28	No	1.00
11/10/97	10	33	No	10	18	No	1	13	No	1.00
11/17/97	10	33	No	10	18	No	1	8	No	1.00
11/24/97	10	18	No	10	18	No	1	5	No	1.00
12/1/97	900	25	No	200	18	No	99	5	No	0.22
12/8/97	15,530	107	No	119	30	No	453	9	No	0.01
12/10/97	3,448	344	Yes	1017	75	No	429	29	No	0.29
12/15/97	246	653	Yes	31	94	No	1	29	No	0.13
12/22/97	2,098	1902	Yes	189	170	No	10	45	Yes	0.09
12/29/97	10	773	Yes	1	59	No	31	36	Yes	0.10
1/5/98	960	443	Yes	97	57	No	20	19	No	0.10
1/12/98	24,192	654	Yes	3873	74	No	2010	26	No	0.16
1/15/98	63	498	Yes	1	37	No	20	48	Yes	0.02
1/20/98	691	399	No	109	33	No	75	72	Yes	0.16
1/27/98	3,436	1283	Yes	441	113	No	238	107	Yes	0.13
2/2/98	n/a	1379		n/a	117		2010	270	Yes	#VALUE!
2/9/98	2,909	812	Yes	52	40	No	111	151	Yes	0.02
2/17/98	839	1552	Yes	20	84	No	87	203	Yes	0.02
2/23/98	2,014	2027	Yes	20	55	No	192	245	Yes	0.01
3/2/98	364	1157	Yes	10	21	No	1	82	Yes	0.03
3/9/98	187	803	Yes	20	21	No	10	28	Yes	0.11
3/16/98	243	489	No	63	22	No	1	11	No	0.26
3/23/98	173	357	No	20	22	No	20	8	No	0.12
3/30/98	1,785	348	No	10	19	No	10	5	No	0.01
4/6/98	24,192	806	Yes	63	28	No	53	10	No	0.00
4/13/98	1,723	1256	Yes	63	35	No	1	6	No	0.04
4/20/98	132	1112	Yes	20	28	No	10	10	No	0.15
4/27/98	158	1092	Yes	10	24	No	64	13	No	0.06
5/4/98	206	709	Yes	40	32	No	31	16	No	0.19
5/11/98	1,597	412	Yes	282	43	No	178	20	No	0.18
5/18/98	480	319	No	41	39	No	31	41	Yes	0.09
5/26/98	1,850	541	Yes	313	68	No	137	68	Yes	0.17
6/1/98	1,334	828	Yes	422	144	No	20	54	Yes	0.32
6/8/98	1,250	1188	Yes	364	223	Yes	137	73	Yes	0.29
6/15/98	1,785	1215	Yes	441	244	Yes	64	59	Yes	0.25
6/22/98	1,224	1465	Yes	249	350	Yes	53	66	Yes	0.20
6/29/98	240	974	Yes	63	254	Yes	1	25	No	0.26
7/6/98	1,178	950	Yes	148	206	Yes	31	27	No	0.13
7/13/98	11,199	1472	Yes	504	220	Yes	137	27	No	0.05
7/15/98	4,106	1739	Yes	309	205	Yes	64	27	No	0.08
7/20/98	15,531	2891	Yes	109	184	No	42	29	No	0.01
7/22/98	30,000	7593	Yes	98	158	No	75	31	No	0.00
7/27/98	9,804	11600	Yes	520	225	Yes	111	68	Yes	0.05
8/3/98	5,475	10053	Yes	886	303	Yes	222	94	Yes	0.16
8/10/98	30,000	14964	Yes	93	215	Yes	75	90	Yes	0.00
8/17/98	791	8250	Yes	148	228	Yes	31	84	Yes	0.19

8/24/98	41	2206	Yes	20	166	No	10	56	Yes	0.49	
8/31/98	20	639	Yes	10	75	No	10	35	Yes	0.50	
9/8/98	30,000	898	Yes	638	71	No	192	34	No	0.02	
9/10/98	110	292	Yes	86	70	No	1	14	No	0.78	
9/14/98	24,192	580	Yes	1782	114	No	222	21	No	0.07	
9/16/98	2,909	1360	Yes	504	218	Yes	271	41	Yes	0.17	
9/21/98	197	2148	Yes	10	218	Yes	1	26	No	0.05	
9/28/98	563	970	Yes	265	183	No	20	16	No	0.47	
10/5/98	110	970	Yes	63	172	No	10	26	No	0.57	
10/12/98	594	462	No	10	61	No	1	9	No	0.02	
10/19/98	2,187	437	No	275	54	No	42	6	No	0.13	
10/26/98	145	411	No	30	67	No	1	6	No	0.21	
11/2/98	5,172	640	Yes	175	62	No	327	11	No	0.03	
11/9/98	30,000	1964	Yes	645	99	No	520	23	No	0.02	
11/10/98	3,873	2858	Yes	156	171	No	41	49	Yes	0.04	
11/16/98	624	2224	Yes	96	138	No	20	43	Yes	0.15	
11/23/98	10	1303	Yes	10	111	No	1	43	Yes	1.00	
11/30/98	3,448	1201	Yes	384	130	No	63	31	No	0.11	
12/7/98	1,100	620	Yes	176	100	No	10	14	No	0.16	
12/14/98	1,467	511	Yes	613	132	No	231	20	No	0.42	
12/21/98	422	472	Yes	160	146	No	31	21	No	0.38	
12/28/98	1,850	1341	Yes	228	273	Yes	20	39	Yes	0.12	
1/4/99	20	479	Yes	10	132	No	1	17	No	0.50	No
1/11/99	30,000	928	Yes	3873	244	Yes	323	34	No	0.13	Yes
1/13/99	2,613	1041	Yes	816	258	Yes	63	26	No	0.31	Yes
1/19/99	122	812	Yes	20	171	No	84	32	No	0.16	No
1/25/99	5,475	1009	Yes	733	215	Yes	960	70	Yes	0.13	Yes
2/1/99	231	1646	Yes	20	247	Yes	10	110	Yes	0.09	No
2/8/99	110	536	Yes	20	86	No	10	55	Yes	0.18	No
2/16/99	41	234	No	10	36	No	10	38	Yes	0.24	No
2/22/99	41	188	No	3	24	No	10	25	No	0.07	No
3/1/99	41	71	No	31	13	No	63	14	No	0.76	No
3/8/99	41	50	No	3	9	No	20	17	No	0.07	No
3/15/99	30,000	153	No	6867	29	No	5172	58	Yes	0.23	Yes
3/17/99	2,481	348	Yes	557	64	No	185	104	Yes	0.22	Yes
3/22/99	473	568	Yes	52	113	No	31	130	Yes	0.11	No
3/29/99	109	691	Yes	3	71	No	3	71	Yes	0.03	No
4/5/99	189	938	Yes	74	135	No	10	62	Yes	0.39	No
4/12/99	11,199	770	Yes	173	64	No	294	35	Yes	0.02	No
Re4/14/99	588	577	No	10	29	No	3	15	No	0.02	No
4/19/99	262	513	No	3	16	No	3	10	No	0.01	No
4/26/99	677	739	No	3	16	No	10	12	No	0.00	No
5/3/99	1,989	1184	Yes	158	19	No	145	21	No	0.08	No
5/10/99	571	653	No	20	12	No	3	8	No	0.04	No
5/17/99	52	402	No	3	10	No	10	11	No	0.06	No
5/24/99	1,296	553	No	41	16	No	41	18	No	0.03	No
6/1/99	3	187	No	3	16	No	373	37	Yes	1.00	No
6/7/99	565	146	No	63	14	No	52	30	No	0.11	No
6/14/99	95	102	No	62	17	No	31	48	No	0.65	No
6/22/99	10	73	No	10	22	No	10	48	No	1.00	No

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6/28/99	110	45	No	10	16	No	20	41	No	0.09	No
7/6/99	1,450	154	No	10	21	No	106	32	No	0.01	No
7/12/99	31	86	No	10	14	No	10	23	No	0.32	No
7/19/99	20	63	No	20	11	No	10	18	No	1.00	No
7/26/99	62	91	No	3	9	No	20	21	No	0.05	No
8/2/99	10	56	No	3	7	No	10	18	No	0.30	No
8/9/99	31	26	No	3	6	No	3	9	No	0.10	No
8/16/99	85	32	No	30	7	No	3	7	No	0.35	No
8/23/99	110	45	No	31	8	No	74	11	No	0.28	No
8/30/99	74	46	No	3	8	No	3	7	No	0.04	No
9/7/99	10	46	No	3	8	No	3	6	No	0.30	No
9/13/99	10	37	No	3	8	No	10	7	No	0.30	No
9/20/99	31	30	No	20	7	No	3	7	No	0.65	No
9/27/99	52	26	No	31	7	No	3	4	No	0.60	No
10/4/99	3	14	No	3	7	No	20	6	No	1.00	No
10/11/99	20	16	No	10	9	No	3	6	No	0.50	No
10/18/99	10	16	No	10	11	No	3	4	No	1.00	No
10/25/99	52	17	No	20	11	No	20	6	No	0.38	No
11/1/99	41	17	No	20	10	No	231	15	Yes	0.49	No
re-11/03/1	31	27	No	10	13	No	3	10	No	0.32	No
11/8/99	30,000	86	No	2098	31	No	1223	23	Yes	0.07	No
11/15/99	228	129	No	41	39	No	31	34	Yes	0.18	No
11/22/99	487	246	No	31	47	No	41	53	Yes	0.06	No
11/29/99	41	236	No	31	50	No	3	38	Yes	0.76	No
12/6/99	52	372	No	20	70	No	10	34	No	0.38	No
12/13/99	20	86	No	3	19	No	3	10	No	0.15	No
12/20/99	175	82	No	110	23	No	134	14	No	0.63	No
e-12/22/99	173	66	No	85	28	No	10	10	No	0.49	No
12/27/99	10	50	No	10	22	No	3	10	No	1.00	No
1/3/00	86	55	No	41	26	No	20	12	No	0.48	No
1/10/00	3	38	No	3	26	No	10	15	No	1.00	No
1/18/00	110	35	No	3	13	No	10	9	No	0.03	No
1/24/00	246	37	No	52	11	No	63	13	No	0.21	No
1/31/00	1,309	98	No	181	20	No	86	26	No	0.14	Yes
2/7/00	30	80	No	3	12	No	20	26	No	0.10	No
2/14/00	3,448	326	No	128	26	No	240	48	Yes	0.04	No
2/22/00	1,246	529	No	86	50	No	148	83	Yes	0.07	No
2/28/00	6,867	1030	No	148	62	No	228	107	Yes	0.02	No
RE-3/1/00	201	708	No	10	34	No	3	55	No	0.05	No
3/6/00	1,616	1571	No	20	50	No	109	77	Yes	0.01	No
re-03/08/2	8,164	1867	No	617	69	Yes	288	80	Yes	0.08	No
3/13/00	63	1061	No	3	41	No	10	56	No	0.05	No
3/20/00	311	842	No	41	36	No	3	29	No	0.13	No
3/27/00	455	536	No	160	37	No	10	17	No	0.35	No
4/3/00	504	624	No	52	48	No	3	17	No	0.10	No
4/10/00	31	169	No	3	20	No	3	5	No	0.10	No
4/17/00	30,000	581	Yes	24,192	120	Yes	14,136	21	Yes	0.81	Yes
re-04/19/2	9,208	1145	No	166	159	No	336	53	Yes	0.02	No
4/24/00	548	1188	No	20	105	No	3	42	No	0.04	No
5/8/00	10	542	No	3	59	No	3	42	No	0.30	No

5/15/00	3	340	No	3	59	No	3	42	No	1.00	No
5/22/00	3	54	No	3	10	No	3	8	No	1.00	No
5/30/00	41	18	No	10	6	No	10	4	No	0.24	No
6/5/00	52	11	No	3	4	No	3	4	No	0.06	No
6/12/00	31	14	No	20	6	No	74	7	No	0.65	No
6/19/00	74	27	No	10	7	No	10	9	No	0.14	No
6/26/00	171	61	No	31	11	No	3	9	No	0.18	No
7/5/00	41	61	No	10	11	No	98	15	No	0.24	No
7/10/00	30	55	No	3	11	No	3	15	No	0.10	No
7/17/00	10	43	No	3	8	No	10	10	No	0.30	No
7/24/00	134	49	No	3	6	No	3	8	No	0.02	No
7/31/00	74	41	No	41	6	No	3	8	No	0.55	No
8/7/00	41	41	No	10	6	No	3	4	No	0.24	No
8/14/00	20	38	No	3	6	No	3	4	No	0.15	No
8/21/00	31	48	No	10	8	No	3	3	No	0.32	No
8/28/00	798	68	No	120	17	No	31	5	No	0.15	No
9/5/00	10	46	No	10	13	No	3	5	No	1.00	No
9/11/00	86	53	No	41	17	No	3	5	No	0.48	No
9/18/00	63	67	No	31	27	No	3	5	No	0.49	No
9/25/00	311	106	No	41	36	No	97	10	No	0.13	No
10/2/00	146	76	No	63	32	No	41	10	No	0.43	No
10/9/00	52	71	No	3	21	No	3	8	No	0.06	No
10/16/00	109	106	No	109	32	No	3	8	No	1.00	No
10/23/00	63	100	No	3	21	No	3	8	No	0.05	No
10/30/00	1,789	175	No	97	25	No	10	10	No	0.05	No
11/6/00	96	144	No	3	16	No	3	6	No	0.03	No
11/13/00	31	111	No	31	14	No	10	4	No	1.00	No
11/20/00	20	95	No	3	14	No	31	7	No	0.15	No
11/27/00	173	103	No	31	12	No	30	10	No	0.18	No
12/4/00	10	75	No	10	14	No	3	10	No	1.00	No
12/11/00	20	36	No	10	10	No	3	8	No	0.50	No
12/18/00	10	24	No	10	12	No	3	8	No	1.00	No
12/26/00	3	17	No	3	8	No	3	6	No	1.00	No
1/2/01	41	19	No	3	8	No	3	4	No	0.07	No
1/8/01	1,664	27	No	132	10	No	241	6	Yes	0.08	No
1/16/01	683	55	No	175	17	No	203	13	Yes	0.26	No
1/18/2001-r	17,329	170	Yes	14,136	56	Yes	512	30	Yes	0.82	Yes
1/22/01	1,106	222	No	884	82	Yes	121	36	Yes	0.80	Yes
1/24/2001-	14,136	1526	Yes	504	275	Yes	1354	152	Yes	0.04	No
1/29/01	110	1799	No	41	426	No	31	224	No	0.37	No
2/5/01	1,956	1848	No	548	540	Yes	226	222	Yes	0.28	Yes
2/7/2001-r	749	1877	No	62	454	No	74	188	No	0.08	No
2/12/01	8,664	1672	No	20	152	No	537	189	Yes	0.00	No
2/20/01	11,199	2459	Yes	269	125	No	733	255	Yes	0.02	No
2/22/01	4,106	2001	No	520	125	Yes	209	187	Yes	0.13	Yes
2/26/01	2,143	3282	No	52	131	No	96	226	No	0.02	No
3/6/01	3,448	3608	No	74	93	No	97	196	No	0.02	No
3/12/01	266	3036	No	20	77	No	10	140	No	0.08	No
3/19/01	504	1890	No	259	119	No	20	81	No	0.51	No
3/26/01	1,112	1286	No	571	134	Yes	62	54	No	0.51	Yes

3/28/01	216	787	No	121	105	No	3	27	No	0.56	No
4/2/01	85	573	No	10	75	No	10	23	No	0.12	No
4/9/01	41	220	No	3	47	No	3	10	No	0.07	No
4/16/01	218	212	No	20	47	No	3	8	No	0.09	No
4/23/01	393	204	No	97	40	No	10	7	No	0.25	No
6/22/98	143			20			87			0.14	
6/29/98	41			41			1			1.00	
7/6/98	52			10			10			0.19	
7/13/98	324	131	No	31	22	No	1	5	No	0.10	
7/20/98	960	157	No	31	24	No	1	4	No	0.03	
7/27/98	327	185	No	20	24	No	1	2	No	0.06	
8/3/98	197	253	No	98	29	No	10	3	No	0.50	
8/10/98	40	240	No	1	18	No	1	2	No	0.03	
8/17/98	253	229	No	63	21	No	1	2	No	0.25	
8/24/98	63	133	No	41	22	No	1	2	No	0.65	
8/31/98	20	76	No	10	19	No	1	2	No	0.50	
9/8/98	907	103	No	51	17	No	20	2	No	0.06	
9/14/98	201	142	No	20	30	No	20	3	No	0.10	
9/21/98	85	114	No	31	26	No	75	8	No	0.36	
9/28/98	31	99	No	10	20	No	1	8	No	0.32	
10/5/98	109	139	No	31	31	No	31	16	No	0.28	
10/12/98	63	82	No	30	22	No	1	9	No	0.48	
10/19/98	1,850	127	No	63	28	No	10	7	No	0.03	
10/26/98	52	115	No	20	26	No	1	3	No	0.38	
11/2/98	816	222	No	256	50	No	231	9	No	0.31	
11/9/98	84	211	No	10	40	No	209	14	No	0.12	
11/16/98	41	193	No	10	32	No	1	14	No	0.24	
11/23/98	31	85	No	10	22	No	1	9	No	0.32	
11/30/98	74	92	No	10	19	No	1	9	No	0.14	
12/7/98	52	53	No	31	13	No	1	3	No	0.60	
12/14/98	109	56	No	10	13	No	1	1	No	0.09	
12/21/98	10	42	No	10	13	No	1	1	No	1.00	
12/28/98	185	60	No	10	13	No	1	1	No	0.05	
1/4/99	10	40	No	10	13	No	1	1	No	1.00	No
1/11/99	74	43	No	10	10	No	1	1	No	0.14	No
1/19/99	122	44	No	41	13	No	41	2	No	0.34	No
1/25/99	1,309	117	No	41	18	No	62	5	No	0.03	No
2/1/99	121	107	No	1	11	No	20	9	No	0.01	No
2/8/99	223	200	No	10	11	No	10	14	No	0.04	No
2/16/99	41	178	No	10	11	No	3	17	No	0.24	No
2/22/99	74	161	No	10	8	No	3	10	No	0.14	No
3/1/99	63	88	No	41	8	No	3	6	No	0.65	No
3/8/99	41	71	No	3	10	No	3	4	No	0.07	No
3/15/99	8,664	147	No	187	19	No	708	9	Yes	0.02	No
3/22/99	74	165	No	31	23	No	10	11	No	0.42	No
3/29/99	31	139	No	3	18	No	10	14	No	0.10	No
4/5/99	41	127	No	3	11	No	3	14	No	0.07	No
4/12/99	7,270	359	No	63	20	No	213	34	Yes	0.01	No
4/19/99	74	138	No	3	9	No	3	11	No	0.04	No
4/26/99	10	93	No	10	7	No	3	9	No	1.00	No

5/3/99	3	58	No	3	7	No	3	7	No	1.00	No
5/10/99	345	89	No	85	14	No	10	9	No	0.25	No
5/17/99	95	37	No	10	9	No	3	4	No	0.11	No
5/24/99	3	20	No	3	9	No	187	9	Yes	1.00	No
6/1/99	20	23	No	3	7	No	3	9	No	0.15	No
6/7/99	74	43	No	3	7	No	3	9	No	0.04	No
6/14/99	218	39	No	135	8	No	41	12	No	0.62	No
6/22/99	10	25	No	10	8	No	10	15	No	1.00	No
6/28/99	52	44	No	3	8	No	10	8	No	0.06	No
7/6/99	73	57	No	10	10	No	105	17	Yes	0.14	No
7/12/99	135	65	No	10	13	No	3	17	No	0.07	No
7/19/99	107	56	No	52	11	No	41	17	No	0.49	No
7/26/99	20	64	No	10	11	No	10	17	No	0.50	No
8/2/99	31	58	No	20	16	No	3	13	No	0.65	No
8/9/99	20	45	No	3	13	No	3	6	No	0.15	No
8/16/99	63	38	No	3	10	No	10	8	No	0.05	No
8/23/99	20	27	No	20	8	No	3	5	No	1.00	No
8/30/99	31	30	No	10	8	No	3	4	No	0.32	No
9/7/99	156	41	No	20	8	No	3	4	No	0.13	No
9/13/99	41	48	No	10	10	No	3	4	No	0.24	No
9/20/99	10	33	No	3	10	No	3	3	No	0.30	No
9/27/99	122	48	No	74	13	No	52	5	No	0.61	No
10/4/99	41	50	No	10	13	No	3	5	No	0.24	No
10/11/99	10	29	No	10	12	No	3	5	No	1.00	No
10/18/99	10	22	No	10	12	No	3	5	No	1.00	No
10/25/99	63	32	No	31	19	No	3	5	No	0.49	No
11/1/99	74	29	No	3	10	No	10	4	No	0.04	No
11/8/99	24,192	102	Yes	345	20	No	404	10	Yes	0.01	No
11/15/99	84	157	No	3	16	No	3	10	No	0.04	No
11/22/99	359	321	No	41	21	No	63	19	No	0.11	No
11/29/99	41	294	No	10	17	No	10	24	No	0.24	No
12/6/99	158	343	No	51	29	No	20	27	No	0.32	No
12/13/99	10	72	No	10	14	No	3	10	No	1.00	No
12/20/99	350	96	No	41	24	No	74	19	No	0.12	No
12/27/99	10	47	No	3	14	No	3	11	No	0.30	No
1/3/00	187	64	No	10	14	No	3	8	No	0.05	No
1/10/00	3	29	No	3	8	No	31	9	No	1.00	No
1/18/00	10	29	No	3	6	No	3	9	No	0.30	No
1/24/00	2,046	41	No	86	7	No	3	5	No	0.04	No
1/31/00	4,106	136	No	41	13	No	110	10	Yes	0.01	No
RE-2/2/00	31	95	No	10	13	No	10	13	No	0.32	No
2/7/00	20	139	No	3	13	No	31	13	No	0.15	No
2/14/00	1,723	390	No	20	18	No	63	23	No	0.01	No
2/22/00	959	335	No	52	17	No	41	39	No	0.05	No
2/28/00	1,153	260	No	41	17	No	31	30	No	0.04	No
3/6/00	256	396	No	20	19	No	30	38	No	0.08	No
3/13/00	122	569	No	3	19	No	3	24	No	0.02	No
3/20/00	197	369	No	10	17	No	10	16	No	0.05	No
3/27/00	20	170	No	3	9	No	20	14	No	0.15	No
4/3/00	3	35	No	3	4	No	3	7	No	1.00	No

4/10/00	72	30	No	3	4	No	3	7	No	0.04	No
4/17/00	30,000	107	Yes	1,050	13	Yes	8164	35	Yes	0.04	No
re-04/19/2	288	208	No	3	13	No	3	22	No	0.01	No
4/24/00	10	113	No	3	10	No	3	15	No	0.30	No
5/1/00	10	144	No	3	10	No	3	15	No	0.30	No
5/8/00	52	135	No	41	16	No	3	15	No	0.79	No
5/15/00	20	31	No	3	5	No	10	4	No	0.15	No
5/22/00	20	18	No	3	5	No	3	4	No	0.15	No
5/30/00	31	23	No	3	5	No	85	7	No	0.10	No
6/5/00	74	34	No	10	6	No	3	7	No	0.14	No
6/12/00	20	28	No	3	4	No	41	13	No	0.15	No
6/19/00	63	36	No	3	4	No	20	14	No	0.05	No
6/26/00	218	58	No	20	6	No	3	14	No	0.09	No
7/5/00	41	61	No	30	9	No	3	7	No	0.73	No
7/10/00	41	54	No	3	7	No	3	7	No	0.07	No
7/17/00	3	37	No	3	7	No	74	8	No	1.00	No
7/24/00	31	32	No	10	9	No	3	6	No	0.32	No
7/31/00	98	27	No	31	10	No	52	10	No	0.32	No
8/7/00	31	26	No	20	9	No	3	10	No	0.65	No
8/14/00	20	22	No	3	9	No	3	10	No	0.15	No
8/21/00	10	29	No	10	11	No	3	5	No	1.00	No
8/28/00	226	42	No	20	13	No	3	5	No	0.09	No
9/5/00	3	21	No	3	8	No	3	3	No	1.00	No
9/11/00	63	24	No	3	6	No	3	3	No	0.05	No
9/18/00	52	29	No	10	7	No	10	4	No	0.19	No
9/25/00	63	43	No	10	7	No	3	4	No	0.16	No
10/2/00	41	30	No	10	6	No	3	4	No	0.24	No
10/9/00	52	33	No	10	7	No	3	4	No	0.19	No
10/16/00	10	40	No	10	8	No	3	4	No	1.00	No
10/23/00	31	36	No	3	8	No	3	4	No	0.10	No
10/30/00	4,352	75	No	52	11	No	95	5	No	0.01	No
11/6/00	74	77	No	3	9	No	3	5	No	0.04	No
11/13/00	62	83	No	41	11	No	20	7	No	0.66	No
11/20/00	20	71	No	10	11	No	3	7	No	0.50	No
11/27/00	86	101	No	20	13	No	74	12	No	0.23	No
12/4/00	30	100	No	20	17	No	86	22	No	0.67	No
12/11/00	52	48	No	20	15	No	41	19	No	0.38	No
12/18/00	52	45	No	41	23	No	20	26	No	0.79	No
12/26/00	3	27	No	3	15	No	3	19	No	1.00	No
1/2/01	3	20	No	3	12	No	3	19	No	1.00	No
1/8/01	30,000	53	Yes	563	21	Yes	598	27	Yes	0.02	No
1/16/01	556	86	No	3	15	No	10	19	No	0.01	No
1/22/01	644	131	No	448	26	Yes	218	25	Yes	0.70	No
1/24/2001-	9,804	313	No	63	27	No	428	41	Yes	0.01	No
1/29/01	20	430	No	20	38	No	10	51	No	1.00	No
2/5/01	265	907	No	10	46	No	3	51	No	0.04	No
2/12/01	171	384	No	20	26	No	20	29	No	0.12	No
2/20/01	1,050	426	No	52	42	No	74	40	No	0.05	No
2/26/01	201	351	No	3	18	No	20	27	No	0.01	No
3/6/01	4,611	310	No	31	16	No	185	23	Yes	0.01	No

3/8/01	1,396	628	No	63	20	No	41	30	No	0.05	No
3/12/01	189	594	No	20	22	No	3	30	No	0.11	No
3/19/01	228	623	No	173	32	No	85	38	No	0.76	No
3/26/01	85	410	No	20	27	No	3	22	No	0.24	No
4/2/01	134	383	No	10	33	No	3	16	No	0.07	No
4/9/01	285	241	No	142	43	No	3	8	No	0.50	No
4/16/01	52	139	No	3	26	No	10	6	No	0.06	No
4/23/01	41	108	No	10	23	No	3	6	No	0.24	No