

Appendix 3. Cetacean sightings recorded on Big Eye (25x) binocular watches during the southbound migration of gray whales at Granite Canyon, California (excluding sightings of gray whales, ER). NA indicates when data were not available. Comments include additional information provided by the authors of this report (in parenthesis).

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility ¹	Beau- fort	Longitude	Latitude	Distance offshore (nmi)	Reticle/ bearing	Time	Shed	Observer initials	Daily upwell- ing index	Upwell- ing monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1992	12	14	Common dolphin	DD	450-500	(reported in census record), headed N w/100 birds mostly gulls	2	2	-122.01026	36.442685	4.24	0.6/272	15:30	S	SRB	-16	-8	NA	0.92
1992	12	16	Common dolphin	DD	500	(reported in census record), with 150 feeding terns and gulls, moving quickly south	3	2	-121.97122	36.423583	2.51	1.8/247	8:31	S	SRB	-10	-8	NA	0.92
1992	12	17	Risso's dolphin	GG	200	(reported in census record), small sub-groups, widespread headed S	2	2	-121.93589	36.434006	0.50-2.83	1.5-16.0/240	10:31	S	SRB	51	-8	NA	0.92
1992	12	18	Unident. dolphin	UD	300	(reported in census record), large herd headed S	2	3	-121.99138	36.455087	3.44	1.0/285	13:41	S	SRB	93	-8	12.8	0.92
1992	12	18	Common dolphin	DD	300-400	(reported in census record), with birds headed S	2	3	-121.95772	36.411864	2.41	2.0/225	14:10	S	SRB	93	-8	12.8	0.92
1992	12	22	Common dolphin	DD	500	(reported in census record), with more than 350 birds headed N	3	2	-121.96932	36.426513	2.41	2.0/250	7:39	S	SRB	11	-8	13.2	0.92
1992	12	27	Unident. dolphin	UD	100	southbound	3	4	-121.97973	36.414685	3.16	1.2/241	11:07	S	JAL	45	-8	13.3	0.78
1992	12	31	Risso's dolphin	UD	10	(reported in census record), large, falcate dorsal fin not white on trailing edge, light color, rounded head, probably grampus	3	2	-121.94433	36.435531	1.09	6.3/255	7:20	S	JAL	-20	-8	13.3	0.92
1993	1	8	Risso's dolphin	GG	NA	(SRB reported sighting to census observer JJB)	2	3				0.6/NA	9:55	S	SRB	42	-25	13.1	0.72
1993	1	8	Risso's dolphin	GG	20-30	continued to mill from 1.0-0.8 rets until watch ended at 10:15, (same group reported by JJB on S watch (and BE watch?))	2	2	-121.99926	36.405957	4.24	0.6/241	9:56	S	SRB	42	-25	13.1	0.72
1993	1	8	Risso's dolphin	GG	10-15	milling	2	3	-121.98483	36.412405	3.44	1.0/241	10:43	S	JJB	42	-25	13.1	0.72
1993	1	9	Unident. dolphin	UD	NA	large southbound school	3	2	-122.00954	36.399745	4.86	0.4/240	11:26	S	JCC	17	-25	13.0	0.72
1993	1	14	Common dolphin	DD	100-150		3	4	-121.96607	36.420784	2.41	2.0/241	10:12	S	JJB	45	-25	13.7	0.72
1993	1	16	Common dolphin	DD	NA	small southbound group	4	2	-121.98483	36.412405	3.44	1.0/241	12:22	S	JCC	-6	-25	13.7	0.72
1993	1	16	Common dolphin	DD	NA	more headed S	4	2	-121.97362	36.417415	2.82	1.5/241	12:26	S	JCC	-6	-25	13.7	0.72
1993	1	16	Unident. dolphin	UD	20-40	tall falcate dorsal headed S	4	2	-121.95713	36.424777	1.91	2.5/241	13:00	S	JAL	-6	-25	13.7	0.72
1993	1	25	Common dolphin	DD	100	group moved back across field of view heading S at 10:10, reappeared at 10:15 heading N	3	2	-121.95302	36.426611	1.69	3.5/241	10:04	S	JCC	-55	-25	13.5	0.72
1993	1	26	Risso's dolphin	GG	50-75	southbound	4	1	-121.99926	36.405957	4.24	0.6/241	13:22	S	JJB	-26	-25	13.6	0.72
1993	1	26	Risso's dolphin	GG	NA		3	2	-122.00139	36.409238	4.24	0.6/244	13:33	S	DPD	-26	-25	13.6	0.72
1994	1	8	Killer whale	OO	3	moving fast headed S	NA	NA	-121.96649	36.421399	2.41	2.0/242	12:05	S	JMW	-3	-8	13.4	0.55

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visibility ¹	Beaufort	Longitude	Latitude	Distance offshore (nmi)	Reticle/bearing	Time	Shed	Observer initials	Daily upwelling index	Upwelling monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1994	1	11	Common dolphin	DD	400	big eye experiment in parking lot	2	4	-121.96058	36.423237	2.10	2.5/241	11:26	S	LRG	-44	-8	12.3	0.55
1994	1	13	Unident. dolphin	UD	20	TT? Southbound	2	1	-121.9602	36.422705	2.10	2.5/240	13:05	S	DJR	-22	-8	13.1	0.55
1994	1	13	Unident. dolphin	UD	1	TT? Sharply falcate dorsal, dark silhouette headed S	2	1	-121.9602	36.422705	2.10	2.5/240	13:09	S	DJR	-22	-8	13.1	0.55
1994	1	13	Bottlenose dolphin	TT	3	southbound	2	1	-121.9503	36.427827	1.54	4.0/241	13:14	S	DJR	-22	-8	13.1	0.55
1994	1	13	Risso's dolphin	GG	6	southbound	3	2	-121.93714	36.433426	0.82	9.0/240	14:09	S	LRG	-22	-8	13.1	0.55
1994	1	18	Unident. dolphin	UD	5		2	2	-121.94803	36.42884	1.41	4.5/241	13:56	S	NMA	-12	-8	13.2	0.55
1994	1	21	Risso's dolphin	GG	1	following gray whale headed S (also seen by census observer)	2	1	-121.93728	36.433634	0.88	9.0/241	14:07	S	LRG	-22	-8	13.7	0.55
1995	1	7	Risso's dolphin	GG	5	southbound	4444	5	-121.96797	36.419936	2.51	1.8/241	12:19	S	JAL	245	96	13.3	0.39
1995	1	8	Unident. dolphin	UD	1	head and part of back seen once	6544	6	-121.93847	36.433105	0.88	8.0/241	8:21	S	MAD	308	96	13.2	0.39
1995	1	8	Common dolphin	DD	40+	(match to JMW sighting)	6544	6	-121.95574	36.425399	1.84	3.0/241	8:27	S	MAD	308	96	13.2	0.39
1995	1	8	Unident. dolphin	UD	50	DD? Southbound (match to MAD DD sighting at same time)	6543	6	-121.95605	36.425868	1.84	3.0/242	8:27	N	JMW	308	96	13.2	0.39
1995	1	8	Unident. dolphin	UD	1	northbound, saw only once	6544	7	-121.93769	36.433453	0.84	8.5/241	9:44	N	JAL	308	96	13.2	0.39
1995	1	8	Unident. dolphin	UD	1000+	DD? Southbound, 3.38 minutes for entire group to cross field of view (match to RCH DD sighting)	6654	6	-121.97274	36.417806	2.37-3.39	1.0-2.0/241	11:52	N	JMW	308	96	13.2	0.39
1995	1	8	Common dolphin	DD	200+	southbound, passed for 3 minutes (match to JMW sighting)	6654	7	-121.97274	36.417806	2.78	NA/241	11:52	S	RCH	308	96	13.2	0.39
1995	1	11	Unident. dolphin	UD	NA	southbound, could not id, did not get a good look (missed by N shed)	6543	4	-121.97274	36.417806	2.78	1.5/241	8:31	S	JAL	85	96	13.4	0.39
1995	1	11	Unident. dolphin	UD	4-5	southbound (missed by N shed)	6543	4	-121.97459	36.416982	2.88	1.4/241	8:39	S	JAL	85	96	13.4	0.39
1995	1	11	Unident. whale	UW	1	surfaced 2 times, dorsal fin not as hooked as pilot whale but somewhat falcate, too large for a dolphin (missed by N shed)	5322	3	-121.95574	36.425399	1.84	3.0/241	11:03	N	MAD	85	96	13.4	0.39
1995	1	13	Common dolphin	DD	200+	(match to DJR 11:09 sighting)	54432	4	-121.95245	36.426868	1.66	3.5/241	11:07	N	JMW	178	96	13.4	0.39
1995	1	13	Common dolphin	DD	NA	southbound crossing field of view for past 2 minutes (match to JMW 11:07 sighting)	64432	4	-121.95989	36.423547	1.84-2.37	2.0-3.0/241	11:09	S	DJR	178	96	13.4	0.39
1995	1	13	Unident. dolphin	UD	3-4	(missed by S shed)	54432	4	-121.95574	36.425399	1.84	3.0/241	11:10	N	JMW	178	96	13.4	0.39
1995	1	13	Unident. dolphin	UD	2-3	(missed by S shed)	54432	4	-121.94564	36.429903	1.28	5.0/241	14:42	N	JMW	178	96	13.4	0.39
1995	1	13	Unident. Dolphin	UD	4-5	(match to KWS sighting)	65432	4	-121.94753	36.429061	1.38	4.5/241	14:51	N	JMW	178	96	13.4	0.39
1995	1	13	Unident. dolphin	UD	3-6	DD? LO? (match to JMW sighting)	54432	5	-121.94976	36.428065	1.51	4.0/241	14:51	S	KWS	178	96	13.4	0.39

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility ¹	Beau- fort	Longitude	Latitude	Distance offshore (nmi)	Reticle/ bearing	Time	Shed	Observer initials	Daily upwell- ing index	Upwell- ing monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1995	1	16	Unident. dolphin	UD	10	cue was "2 flickerings; look like 10 dolphins" (missed by S shed)	43222	3				NA/241	8:49	N	DJR	19	96	12.8	0.39
1995	1	17	Risso's dolphin	GG	NA		33211	3	-121.97274	36.417806	2.78	1.5/241	9:49	S	JMW	-6	96	12.4	0.39
1995	1	17	Unident. dolphin	UD	50	northbound, barely porpoising	32221	3	-121.97878	36.41511	3.11	1.2/241	11:10	S	MAD	-6	96	12.4	0.39
1995	1	17	Common dolphin	DD	50- 100	across all sectors until 11:24 (match to MAD sighting)	43211	3	-121.97274	36.417806	2.37-2.78	1.5-2.0/241	11:15	N	JMW	-6	96	12.4	0.39
1995	1	17	Common dolphin	DD	50- 100	leaping southbound (match to JMW sighting)	32221	3	-121.96797	36.419936	2.51	1.8/241	11:15	S	MAD	-6	96	12.4	0.39
1995	1	17	Common dolphin	DD	300	big group headed south (seen after observers switched, see MAD 11:15 sighting and JMW 11:15)	33221	2	-121.96797	36.419936	2.51	1.8 /241	11:21	S	JAL	-6	96	12.4	0.39
1995	1	17	Common dolphin	DD	4-5	(match to JMW sighting)	33221	2	-121.95989	36.423547	2.07	2.5/241	11:27	S	JAL	-6	96	12.4	0.39
1995	1	17	Unident. dolphin	UD	3-4	(match to JAL DD sighting at 11:27)	43211	2	-121.95989	36.423547	2.07	2.5/241	11:27	N	JMW	-6	96	12.4	0.39
1995	1	17	Unident. whale	UW	1	didn't get a good look (missed by N shed)	32211	2	-121.94949	36.427684	1.51	4.0/240	11:51	S	JAL	-6	96	12.4	0.39
1995	1	17	Risso's dolphin	GG	1	time is approximate	22211	2	-121.97878	36.41511	3.11	1.2/241	12:04	N	MAD	-6	96	12.4	0.39
1995	1	17	Unident. dolphin	UD	1	GG? Tall dorsal, seen again at 12:13 at 1.4 rets in Sector 3	32211	2	-121.97932	36.415905	3.11	1.2/242	12:12	S	KWS	-6	96	12.4	0.39
1995	1	17	Unident. dolphin	UD	100	(match to KWS sighting)	22211	2	-122.01659	36.398212	4.79-5.74	0.2-0.4/241	12:29	N	MAD	-6	96	12.4	0.39
1995	1	17	Unident. dolphin	UD	NA	school rooster tailing (match to MAD 12:29 sighting)	21111	3	-122.01659	36.398212	4.79-5.75	0.2-0.4/241	12:30	S	KWS	-6	96	12.4	0.39
1995	1	17	Unident. dolphin	UD	2-3	(match to JAL sighting)	33211	3	-121.93392	36.435341	0.63	12.0/242	13:25	S	JMW	-6	96	12.4	0.39
1995	1	17	Unident. dolphin	UD	1	PP? PD? (match to JMW sighting)	33221	3	-121.93382	36.435181	0.63	12.0/241	13:26	N	JAL	-6	96	12.4	0.39
1995	1	17	Harbor porpoise	UD	1	(match to DPD PP sighting)	21111	3	-121.94564	36.429903	1.28	5.0/241	14:04	N	KWS	-6	96	12.4	0.39
1995	1	17	Harbor porpoise	PP	1	(match to KWS sighting)	21111	2	-121.94262	36.431252	1.11	6.0/241	14:04	S	DPD	-6	96	12.4	0.39
1995	1	17	Killer whale	OO	1	male (missed by S shed)	33211	3	-121.96753	36.419299	2.51	1.8/240	14:23	N	JMW	-6	96	12.4	0.39
1995	1	17	Minke whale	BA	1	(missed by S shed)	33211	2	-121.95574	36.425399	1.84	3.0/241	14:37	N	JMW	-6	96	12.4	0.39
1995	1	17	Harbor porpoise	PP	1	(missed by S shed)	21111	2	-121.94403	36.430626	1.19	5.5/241	15:03	N	DPD	-6	96	12.4	0.39
1995	1	17	Minke whale	BA	1	time is estimated (missed by S shed)	21111	2	-121.94713	36.429241	1.36	4.6/241	15:51	N	MAD	-6	96	12.4	0.39
1995	1	18	Common dolphin	DD	670	southbound, finished crossing field of view at 9:46, in a band, - 1 reticle wide (match to KWS sighting)	43222	2	-121.94976	36.428065	1.51	4.0/241	9:34	N	DJR	-2	96	12	0.39
1995	1	18	Common dolphin	DD	1000	a few at 7.0 rets, still moving S through the field of view at the end of the watch 9:45 (match to DJR sighting)	22111	2	-121.94976	36.428065	1.38-1.66	3.5-4.5/241	9:41	S	KWS	-2	96	12	0.39
1995	1	18	Unident. dolphin	UD	1	(missed by S shed)	32111	2	-121.94564	36.429903	1.28	5.0/241	9:50	N	JMW	-2	96	12	0.39

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1995	1	18	Common dolphin	DD	10-20	(missed by S shed)	32111	2	-121.94564	36.429903	1.28	5.0/241	9:52	N	JMW	-2	96	12	0.39
1995	1	18	Common dolphin	DD	1	(missed by S shed)	32111	2	-121.94753	36.429061	1.38	4.5/241	9:53	N	JMW	-2	96	12	0.39
1995	1	18	Killer whale	OO	2	male and female (or subadult) seemed to be closing on an ER that was at 1.2 rets, sector 3 at 11:19:47 (match to JMW sighting)	32111	2	-121.97659	36.416087	2.99	1.3/241	11:20	N	RCH	-2	96	12	0.39
1995	1	18	Killer whale	OO	2	southbound 9 cues total, one male, one female or juvenile (match to RCH sighting)	32111	2	-121.97659	36.416087	2.99	1.3/241	11:20	S	JMW	-2	96	12	0.39
1995	1	18	Dall's porpoise	PD	7-15	milling, then seen heading nbound at 12:43, 3.4 rets (match to KWS sighting)	21111	2	-121.95187	36.427127	1.69	3.6/241	12:36	S	MAD	-2	96	12	0.39
1995	1	18	Unident. dolphin	UD	7-8	PD? Porpoise turned when an ER surfaced in their midst, leapt clear of the water and raced south after the ER, disappearing from view (match to MAD PD sighting)	11111	2	-121.94753	36.429061	1.38	4.5/241	12:36	N	KWS	-2	96	12	0.39
1995	1	18	Dall's porpoise	PD	7-15	northbound, same group as seen milling at 12:36 (match to KWS sighting)	21111	2	-121.95305	36.426599	1.69	3.4/241	12:43	S	MAD	-2	96	12	0.39
1995	1	18	Unident. dolphin	UD	7-10	PD? Group that chased ER? Slow rolling at surface headed north (match to MAD PD sighting)	11111	2	-121.95305	36.426599	1.69	NA/241	12:43	N	KWS	-2	96	12	0.39
1995	1	18	Unident. dolphin	UD	2	1 cue (missed by S shed)	21111	2	-121.98382	36.412858	3.39	1.0/241	15:36	N	DJR	-2	96	12	0.39
1995	1	19	Unident. dolphin	UD	4-5	PD? Roostertailing headed north (match to KWS sighting)	32211	3	-121.96841	36.420578	2.51	1.8/242	14:52	N	JAL	12	96	13.1	0.39
1995	1	19	Unident. dolphin	UD	NA	PD? Roostertailing (match to JAL sighting)	21111	3	-121.9907	36.411025	3.73	0.8/242	14:53	S	KWS	12	96	13.1	0.39
1995	1	19	Killer whale	OO	1	tentative species id (missed by N shed)	43211	3	-121.94976	36.428065	1.51	4.0/241	15:31	S	JMW	12	96	13.1	0.39
1995	1	19	Unident. dolphin	UD	2	PD? Roostertailing (other observer not on watch until 15:49)	22111	2	-122.00995	36.402772	4.79	0.4/242	15:47	N	KWS	12	96	13.1	0.39
1995	1	21	Unident. dolphin	UD	NA	northbound school (other observer not on watch until 9:06)	65333	3	-121.97659	36.416087	2.68-3.39	1.0-1.6/241	9:03	S	KWS	68	96	13.1	0.39
1995	1	21	Common dolphin	DD	100	no other info given only "common dolphin" (match to RCH UD sighting)	54333	4	-121.9653	36.421129	2.36	NA/241	11:33	N	DPD	68	96	13.1	0.39
1995	1	21	Unident. dolphin	UD	100+	filled entire field of view, "several hundred" (match to DPD DD sighting)	66543	4	-121.9653	36.421129	1.84-3.39	1.0-3.0/241	11:34	S	RCH	68	96	13.1	0.39
1995	1	21	Common dolphin	DD	100+	(match to JAL sighting)	65432	4	-121.96659	36.420552	2.37-2.51	1.8-2.0/241	13:43	N	JMW	68	96	13.1	0.39
1995	1	21	Common dolphin	DD	200+	southbound (match to JMW sighting)	65433	4	-121.96659	36.420552	2.37-2.51	1.8-2.0/241	13:45	S	JAL	68	96	13.1	0.39
1995	1	24	Unident. dolphin	UD	1	saw only once (missed by N shed)	55433	4	-121.95574	36.425399	1.84	3.0/241	9:33	S	JAL	17	96	13.4	0.39
1996	1	7	Minke whale	BA	1	southbound (match to JMW sighting)	43221	2	-121.93217	36.436094	0.53	14.5/242	8:23	N	LSB	-8	6	13.2	0.17
1996	1	7	Pacific white-sided dolphin	LO	10-12	northbound (match to JMW sighting)	43221	2	-121.94753	36.429061	1.38	4.5/241	8:23	N	LSB	-8	6	13.2	0.17

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1996	1	7	Minke whale	BA	1	southbound (match to LSB sighting)	32111	2	-121.93217	36.436094	0.53	14.5/242	8:23	S	JMW	-8	6	13.2	0.17
1996	1	7	Pacific white-sided dolphin	LO	10	northbound (match to LSB sighting)	32111	2	-121.94777	36.429415	1.38	4.5/242	8:24	S	JMW	-8	6	13.2	0.17
1996	1	7	Common dolphin	DD	4	northbound (missed by S shed)	43221	2	-121.95989	36.423547	2.07	2.5/241	9:03	N	LSB	-8	6	13.2	0.17
1996	1	7	Unident. dolphin	UD	5	northbound (match to LSB sighting)	42111	2	-122.01659	36.398212	5.20	0.3/241	10:28	N	WP	-8	6	13.2	0.17
1996	1	7	Unident. dolphin	UD	NA	only saw splashes headed N (match to WP sighting)	43211	2	-121.99881	36.407549	4.18	0.6/242	10:28	S	LSB	-8	6	13.2	0.17
1996	1	8	Unident. dolphin	UD	200-300+	DD? Lots of birds and splashing headed N (missed by S shed)	54321	2	-121.97104	36.418568	2.68	1.6/241	7:58	N	LSB	-2	6	13.3	0.17
1996	1	8	Unident. dolphin	UD	8-10	DD? Northbound (match to ARV sighting)	54321	2	-121.9653	36.421129	2.37	2.0/241	8:03	N	LSB	-2	6	13.3	0.17
1996	1	8	Unident. dolphin	UD	NA	northbound (match to LSB sighting)	33211	3	-121.95989	36.423547	2.07	2.5/241	8:05	S	ARV	-2	6	13.3	0.17
1996	1	9	Unident. dolphin	UD	25	southbound (missed by N shed)	54311	1	-121.9653	36.421129	2.37	2.0/241	11:57	S	ARV	-4	6	13.1	0.17
1996	1	9	Unident. dolphin	UD	4	northbound	42111	2				NA/241	13:08	S	TEM	-4	6	13.1	0.17
1996	1	9	Dall's porpoise	PD	2-3	PD or possibly PP? slow rolling at surface headed N (match to PSH PP sighting)	33111	2	-121.96571	36.421733	2.37	2.0/242	13:33	N	JAL	-4	6	13.1	0.17
1996	1	9	Harbor porpoise	PP	2	(match to JAL PD sighting)	21111	2	-121.9715	36.419254	2.68	1.6/242	13:34	S	PSH	-4	6	13.1	0.17
1996	1	10	Unident. dolphin	UD	5	(match to DJR sighting)	54322	4	-121.99447	36.409408	3.39	0.7/242	11:43	N	WP	-82	6	13.7	0.17
1996	1	10	Unident. dolphin	UD	4	headed northeast (match to WP sighting)	65322	4	-121.9907	36.411025	3.73	0.8/242	11:43	S	DJR	-82	6	13.7	0.17
1996	1	10	Unident. dolphin	UD	NA	DD? Swimming with pod of 5 gray whales headed S (missed by N shed)	64311	3	-121.94838	36.428683	1.43	4.3/241	15:03	S	JAL	-82	6	13.7	0.17
1996	1	10	Pacific white-sided dolphin	LO	50	throughout field of view most of watch, jumping and splashing, may have been some LB in group (match to PSH sighting)	42111	3	-121.95989	36.423547	1.84-2.37	2.0-3.0/241	15:53	S	JMW	-82	6	13.7	0.17
1996	1	10	Pacific white-sided dolphin	LO	50	dolphins loosely aggregated (match to JMW sighting)	53111	1	-122.08567	36.367285		NA/241	15:56	N	PSH	-82	6	13.7	0.17
1996	1	11	Unident. dolphin	UD	NA	headed N, many remain in view until end of watch at 8:15 (match to LSB 7:56 sighting)	66211	1	-121.97878	36.41511	2.78-3.39	1.0-1.5/241	7:49	N	RCH	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	200+	DD? Group was across full field of view by 8:01, one breached at 8:08, still visible at end of watch at 8:15 (match to RCH sighting)	64221	1	-121.99379	36.408401	3.39	0.7/241	7:56	S	LSB	-70	6	14.2	0.17
1996	1	11	Common dolphin	DD	NA	splashing (match to TEM UD sighting)	43211	1	-121.97878	36.41511	3.11	1.2/241	8:22	N	PSH	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA	northbound (match to PSH DD sighting)	54111	1	-121.97878	36.41511	3.11	NA/241	8:22	S	TEM	-70	6	14.2	0.17

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility ¹	Beau- fort	Longitude	Latitude	Distance offshore (nmi)	Reticle/ bearing	Time	Shed	Observer initials	Daily upwell- ing index	Upwell- ing monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1996	1	11	Northern right whale dolphin/Ris- so's dolphin	LB/GG	100+	southbound with GG and maybe other dolphins (match to TEM LB sighting)	33211	2	-121.98382	36.412858	3.39	1.0/241	11:07	N	JMW	-70	6	14.2	0.17
1996	1	11	Northern right whale dolphin	LB	NA	southbound (match to JMW sighting)	52111	2	-121.98382	36.412858	3.39	1.0/241	11:07	S	TEM	-70	6	14.2	0.17
1996	1	11	Northern right whale dolphin/Ris- so's dolphin	LB/GG	NA	southbound with GG (id by JMW)	52111	2	-121.9844	36.413724	3.39	1.0/242	11:11	S	TEM	-70	6	14.2	0.17
1996	1	11	Risso's dolphin	UD	100+	GG? Southbound (match to DJR GG sighting)	54321	2	-121.98117	36.41404	3.11-3.39	1.0-1.2/ 241	11:17	S	LSB	-70	6	14.2	0.17
1996	1	11	Risso's dolphin	GG	100	southbound (group size from LSB sighting)	43222	2	-121.97659	36.416087	2.88-3.24	1.1-1.4/241	11:21	N	DJR	-70	6	14.2	0.17
1996	1	11	Pacific white-sided dolphin	LO	20+	southbound (match to LSB sighting)	43222	2	-121.9844	36.413724	3.39	1.0/242	11:31	N	DJR	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	20-30	LO? Fast moving S (match to DJR LO sighting)	54321	2	-121.98382	36.412858	3.39	1.0/241	11:31	S	LSB	-70	6	14.2	0.17
1996	1	11	Risso's dolphin	GG	10-15	(mixed group? misID? Match to DPD LO sighting?)	43111	1	-121.97711	36.41685	3.39	1.2-1.4/242	12:35	S	JAL	-70	6	14.2	0.17
1996	1	11	Pacific white-sided dolphin	LO	4-8	(mixed group? misID? Match to JAL GG sighting?)	43211	2	-121.9844	36.413724	3.39	1.0/242	12:35	N	DPD	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA		43211	2	-121.99881	36.407549	4.18	0.6/242	12:45	N	DPD	-70	6	14.2	0.17
1996	1	11	Northern right whale dolphin/Pac- ific white- sided dolphin	LB/LO	NA	big mixed species school (match to TEM UD sighting)	43221	1	-121.97711	36.41685	2.78-3.39	1.0-1.5/242	12:59	S	PSH	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA	northbound (match to PSH LO/LB sighting)	54211	1	-121.9844	36.413724	3.39	1.0/242	12:59	N	TEM	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA	northbound (missed by S shed)	54211	1	-121.96571	36.421733	2.37	2.0/242	13:02	N	TEM	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA	(missed by S shed)	54211	1	-121.97274	36.417806	2.78	1.5/241	13:11	N	TEM	-70	6	14.2	0.17
1996	1	11	Pacific white-sided dolphin	LO	NA	with pod of 5 gray whales (missed by N shed)	43221	1	-121.9653	36.421129	2.37	2.0/241	13:27	S	PSH	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA	LO? Northbound	43211	2	-121.97878	36.41511	3.11	1.2/241	13:34	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	2-4	LO?	43211	2	-121.96797	36.419936	2.51	1.2/241	13:42	S	LSB	-70	6	14.2	0.17
1996	1	11	Pacific white-sided dolphin	LO	2-4		43211	2	-121.97104	36.418568	2.68	1.6/241	13:52	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	8-10	LO?	43211	2	-121.99006	36.410071	3.73	0.8/241	13:58	S	LSB	-70	6	14.2	0.17

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility ¹	Beau- fort	Longitude	Latitude	Distance offshore (nmi)	Reticle/ bearing	Time	Shed	Observer initials	Daily upwell- ing index	Upwell- ing monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1996	1	11	Unident. dolphin	UD	4-5		43211	2	-121.99881	36.407549	4.18	0.6/242	14:01	S	LSB	-70	6	14.2	0.17
1996	1	11	Pacific white-sided dolphin	LO	4-5		43211	2	-121.98382	36.412858	3.39	1.0/241	14:06	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	10-15		43211	2	-121.97878	36.41511	3.11	1.2/241	14:10	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	1	breaching (match to RCH sighting)	32111	2	-121.99006	36.410071	3.73	0.8/241	14:38	S	DPD	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	1	breaching (match to DPD sighting)	31111	2	-121.9844	36.413724	3.39	1.0/242	14:38	N	RCH	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA	breaching (match to RCH sighting)	32111	2				NA/241	14:57	S	DPD	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	NA	(match to DPD sighting)	31111	2	-121.99379	36.408401	3.39	0.7/241	14:57	N	RCH	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	4-6	northbound	42111	1	-121.99006	36.410071	3.73	0.8/241	15:05	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	6-8	DD? Breaching	42111	1	-121.9844	36.413724	3.39	1.0/242	15:17	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	12	falcate dorsal fins, more out to 1.2 rets (match to LSB 15:20 sighting)	21111	2	-121.96085	36.423116	2.02-2.18	2.3-2.6/241	15:19	N	WP	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	2	DD? (match to WP sighting)	42111	1	-121.95989	36.423547	2.07	2.5/241	15:20	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	15-20	northbound (missed by N shed)	53111	2	-121.97932	36.415905	3.11	1.2/242	15:30	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	6-10	(missed by N shed)	54311	2	-121.96797	36.419936	2.51	1.8/241	15:36	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	10-15	(missed by N shed)	54311	2	-121.98382	36.412858	3.39	1.0/241	15:39	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	4-8	DD? (missed by N shed)	54321	2	-121.9653	36.421129	2.37	2.0/241	15:42	S	LSB	-70	6	14.2	0.17
1996	1	11	Unident. dolphin	UD	15	with pod of 7 gray whales (missed by S shed)	42211	1	-121.96333	36.422752	2.24	2.2/242	15:57	N	PSH	-70	6	14.2	0.17
1996	1	12	Common dolphin	DD	150- 200	southbound (match to DPD sighting)	54321	2	-121.96085	36.423116	2.12	2.4/241	8:10	S	LSB	-19	6	13.5	0.17
1996	1	12	Common dolphin	DD	NA	southbound (match to LSB sighting)	65321	2	-121.96333	36.422752	2.24	2.2/242	8:10	N	DPD	-19	6	13.5	0.17
1996	1	15	Unident. dolphin	UD	3-5	northbound (missed by N shed)	43222	2	-121.97878	36.41511	3.11	1.2/241	7:55	S	JMW	2	6	13.2	0.17
1996	1	15	Unident. dolphin	UD	NA	splashing (missed by S shed)	43222	1	-121.98382	36.412858	3.39	1.0/241	8:00	N	PSH	2	6	13.2	0.17
1996	1	15	Unident. dolphin	UD	1-2	southbound (missed by N shed)	32111	2	-121.98382	36.412858	3.39	1.0/241	8:09	S	JMW	2	6	13.2	0.17
1996	1	15	Unident. dolphin	UD	NA	southbound	43222	2	-122.0264	36.393824	5.74	0.2/241	8:30	S	DPD	2	6	13.2	0.17
1996	1	15	Unident. dolphin	UD	NA	many small groups seen headed N during the watch 15:46-16:30 (match to DJR GG sighting?)	43211	1	-122.00912	36.401549	4.79	0.4/241	16:06	S	JMW	2	6	13.2	0.17
1996	1	15	Risso's dolphin	GG	10	milling (match to JMW UD sighting?)	11111	1	-122.04093	36.387323	6.54	0.1/241	16:10	N	DJR	2	6	13.2	0.17

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility ¹	Beau- fort	Longitude	Latitude	Distance offshore (nmi)	Reticle/ bearing	Time	Shed	Observer initials	Daily upwell- ing index	Upwell- ing monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1996	1	18	Unident. dolphin	UD	4	LO? Leaping (missed by N shed)	66543	6	-121.94753	36.429061	1.38	4.5/241	13:09	S	LRG	111	6	12	0.17
1996	1	18	Unident. dolphin	UD	NA	southbound (missed by N shed)	65444	6	-121.96797	36.419936	2.51	1.8/241	14:13	S	PSH	111	6	12	0.17
1996	1	18	Pacific white-sided dolphin	LO	NA	leaping (missed by S shed)	65543	6	-121.95574	36.425399	1.84	3.0/241	14:26	N	LRG	111	6	12	0.17
1996	1	20	Common dolphin	DD	350	mixed school? (match to TEM sighting)	43322	2	-121.97104	36.418568	2.68	1.6/241	9:36	S	PSH	37	6	NA	0.17
1996	1	20	Common dolphin	DD	NA	school (match to PSH sighting)	65432	2	-121.97274	36.417806	2.78	1.5/241	9:37	N	TEM	37	6	NA	0.17
1996	1	20	Unident. dolphin	UD	20-30	northbound (match to LRG sighting)	53211	3	-121.97459	36.416982	2.88	1.4/241	9:48	S	LSB	37	6	NA	0.17
1996	1	20	Unident. dolphin	UD	NA	saw splashes only (match to LSB 9:48 sighting)	44322	2	-121.97274	36.417806	2.78	1.5/241	9:50	N	LRG	37	6	NA	0.17
1996	1	20	Unident. dolphin	UD	4-6	northbound (missed by N shed)	53211	3	-121.97878	36.41511	3.11	1.2/241	9:52	S	LSB	37	6	NA	0.17
1996	1	20	Unident. dolphin	UD	500	(missed by N shed)	55432	3	-122.00912	36.401549	4.79	0.4/241	11:37	S	LRG	37	6	NA	0.17
1996	1	20	Unident. dolphin	UD	NA	northbound school (missed by S shed)	43211	3	-122.0264	36.393824	5.74	0.2/241	11:55	N	LSB	37	6	NA	0.17
1996	1	21	Common dolphin	DD	500+	all across field of view until 9:42 (match to 9:37 and 9:41 sighting)	22111	4	-121.96797	36.419936	2.37-2.68	1.6-2.0/241	9:36	N	JMW	27	6	NA	0.17
1996	1	21	Common dolphin	DD	600+	maybe some LO in group (match to JMW sighting)	33222	3	-121.97274	36.417806	2.78	1.5/241	9:37	S	PSH	27	6	NA	0.17
1996	1	21	Risso's dolphin	GG	100	leaping	54333	3	-121.97274	36.417806	2.78	1.5/241	10:13	S	LRG	27	6	NA	0.17
1996	1	21	Common dolphin	DD	200	southbound (match to PSH sighting)	44433	3	-121.95989	36.423547	2.07	2.5/241	16:22	S	LRG	27	6	NA	0.17
1996	1	21	Common dolphin	DD	200	northbound (match to LRG sighting)	44444	3	-121.96295	36.422181	2.24	2.2/241	16:22	N	PSH	27	6	NA	0.17
1996	1	23	Unident. dolphin	UD	1000- 2000	in view until 11:11 (match to RCH sighting)	44311	1	-121.96295	36.422181	2.23	4.0/241	11:02	S	ARV	29	6	11.2	0.17
1996	1	23	Unident. dolphin	UD	NA	took 9 minutes for group to cross field of view (match to ARV sighting)	32111	2	-121.96797	36.419936	2.51	1.8/241	11:02	N	RCH	29	6	11.2	0.17
1996	1	23	Unident. dolphin	UD	NA	southbound (missed by N shed)	43211	2	-121.97459	36.416982	2.88	1.4/241	11:18	S	LSB	29	6	11.2	0.17
1996	1	23	Unident. dolphin	UD	2-3	southbound (missed by N shed)	43211	2	-121.97274	36.417806	2.78	1.5/241	11:23	S	LSB	29	6	11.2	0.17
1996	1	23	Unident. dolphin	UD	NA	southbound (missed by N shed)	43211	2	-121.97459	36.416982	2.88	1.4/241	11:28	S	LSB	29	6	11.2	0.17
1996	1	23	Harbor porpoise	PP	2-3	northbound (missed by N shed)	43211	2	-121.95077	36.427614	1.56	3.8/241	11:40	S	LSB	29	6	11.2	0.17
1996	1	23	Unident. dolphin	UD	NA	(missed by S shed)	43321	1	-122.00995	36.402772	4.79	0.4/242	12:13	N	ARV	29	6	11.2	0.17
1996	1	24	Common dolphin	DD	500- 600	northbound (match to JMW sighting)	33332	3	-121.97459	36.416982	2.88	1.4/241	7:34	N	PSH	111	6	11.8	0.17
1996	1	24	Common dolphin	DD	NA	all across view for 2 minutes (match to PSH sighting)	44322	3	-121.97274	36.417806	2.78	1.5/241	7:36	S	JMW	111	6	11.8	0.17
1996	1	24	Unident. dolphin	UD	NA	southbound (match to RCH sighting)	43211	2	-121.9653	36.421129	2.37	2.0/241	8:29	S	TEM	111	6	11.8	0.17

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visibility ¹	Beaufort	Longitude	Latitude	Distance offshore (nmi)	Reticle/bearing	Time	Shed	Observer initials	Daily upwelling index	Upwelling monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1996	1	24	Unident. dolphin	UD	500	LO? DD? Crossed for 5 minutes headed S (match to TEM sighting)	32111	3	-121.9653	36.421129	2.37	2.0/241	8:30	N	RCH	111	6	11.8	0.17
1996	1	25	Common dolphin	DD	300+	1 GG in group? Southbound across view until 8:46 (match to TEM sighting)	54321	4	-121.94753	36.429061	1.11-1.84	3.0-6.0/241	8:40	N	LSB	0	6	11.5	0.17
1996	1	25	Unident. dolphin	UD	NA	GG? Southbound (match to LSB 8:40 DD sighting)	53222	4	-121.94976	36.428065	1.51	4.0/241	8:41	S	TEM	0	6	11.5	0.17
1996	1	25	Unident. dolphin	UD	NA	southbound (match to LSB sighting)	54322	4	-121.93698	36.433769	0.80	9.0/241	11:19	N	TEM	0	6	11.5	0.17
1996	1	25	Unident. dolphin	UD	10-12	(match to TEM sighting)	53321	5	-121.93574	36.43432	0.73	10/241	11:19	S	LSB	0	6	11.5	0.17
1998	1	7	Unident. dolphin	UD	100		44332	4	-121.9993	36.405069	4.25	0.6/241	9:45	S	JMW	2	-8	15.5	2.28
1998	1	7	Killer whale	OO	3-5	southbound	43332	4	-121.96603	36.419932	2.42	2.0/241	12:59	S	JMW	2	-8	15.5	2.28
1998	1	7	Risso's dolphin	GG	200-500	passed for 70 seconds	43211	3	-121.96603	36.419932	2.42	2.0/241	13:52	S	RCH	2	-8	15.5	2.28
1998	1	8	Risso's dolphin	GG	2	southbound	43222	2	-121.94072	36.431564	1.01	7.0/242	9:24	S	DJR	6	-8	15.3	2.28
1998	1	8	Pacific white-sided dolphin	LO	40		32211	3	-121.9615	36.421954	2.17	2.4/241	10:42	S	DJR	6	-8	15.3	2.28
1998	1	8	Unident. dolphin	UD	3-4	LO? High out of water headed S, falcate dorsal	33322	3	-121.96603	36.419932	2.42	2.0/241	11:27	S	KWS	6	-8	15.3	2.28
1998	1	8	Unident. dolphin	UD	2	LO? southbound	33322	3	-121.96875	36.418718	2.42-2.65	1.7-2.0/241	11:30	S	KWS	6	-8	15.3	2.28
1998	1	8	Killer whale	OO	4	no adult males visible, moving fast S coming high out of water, eye patches very prominent	33322	3	-121.97972	36.413817	3.17	1.2/241	11:41	S	KWS	6	-8	15.3	2.28
1998	1	8	Killer whale	OO	3	moving fast S	33211	3	-121.96603	36.419932	2.42	2.0/241	12:05	S	JMW	6	-8	15.3	2.28
1998	1	8	Killer whale	OO	1	moving fast S	33211	3	-121.96645	36.420549	2.42	2.0/242	12:07	S	JMW	6	-8	15.3	2.28
1998	1	8	Killer whale	OO	1	adult male with dorsal fin fallen completely over on left side, behind other orcas headed S	33211	3	-121.96603	36.419932	2.42	2.0/241	12:08	S	JMW	6	-8	15.3	2.28
1998	1	8	Unident. dolphin	UD	3	milling a bit, headed south	33211	3	-121.94623	36.429207	1.31	5.0/242	12:32	S	JMW	6	-8	15.3	2.28
1998	1	8	Killer whale	OO	5	moving slowly N, no calves or adult males visible, one had a notch with white dot ahead of it on dorsal fin	43222	2	-121.95235	36.426039	1.66	3.6/241	14:36	S	DJR	6	-8	15.3	2.28
1998	1	9	Pacific white-sided dolphin	LO	10-15	southbound	65433	6	-121.93714	36.432823	0.82	9.0/241	7:57	S	RCH	47	-8	15.3	2.28
1998	1	9	Unident. dolphin	UD	NA		65322	5	-121.98484	36.411531	3.46	1.0/241	9:17	S	RCH	47	-8	15.3	2.28
1998	1	10	Risso's dolphin	GG	4-6	southbound	54333	4	-121.946	36.428872	1.31	5.0/241	10:44	S	PSH	70	-8	15.3	2.28
1998	1	11	Unident. dolphin	UD	NA	GG? Breaching, seen again in sector 2-3, pale color	44443	2	-122.02893	36.393758	5.84	0.2/242	9:03	S	KWS	78	-8	15.3	2.28
1998	1	11	Killer whale	OO	2	1 adult male headed S	44332	3	-121.98484	36.411531	3.46	1.0/241	10:22	S	LSB	78	-8	15.3	2.28
1998	1	12	Unident. dolphin	UD	100+	southbound	65443	5	-121.97186	36.417329	2.74	1.6/241	7:31	S	JMW	109	-8	15.3	2.28

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility ¹	Beau- fort	Longitude	Latitude	Distance offshore (nmi)	Reticle/ bearing	Time	Shed	Observer initials	Daily upwell- ing index	Upwell- ing monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
1998	1	13	Unident. dolphin	UD	200+	LO? Southbound	43222	2	-121.95959	36.422808	2.06	2.6/241	9:44	S	DJR	5	-8	15.3	2.28
1998	1	13	Pacific white-sided dolphin	LO	200+		43222	3	-122.02793	36.392267	5.84	0.2/241	11:09	S	DJR	5	-8	15.3	2.28
1998	1	13	Unident. dolphin	UD	100+	northbound	44322	4	-122.01046	36.400076	4.87	0.4/241	12:16	S	PSH	5	-8	15.3	2.28
1998	1	14	Unident. dolphin	UD	4	DD? Southbound	54222	3	-121.95629	36.424278	1.88	3.0/241	8:34	S	RCH	67	-8	15.3	2.28
1998	1	14	Killer whale	OO	1	adult male headed N	55433	5	-121.95294	36.425776	1.69	3.5/241	12:12	S	DJR	67	-8	15.3	2.28
1998	1	16	Harbor porpoise	PP	1		65433	2	-121.94054	36.431306	1.01	7.0/241	7:41	S	KWS	25	-8	15.3	2.28
1998	1	16	Harbor porpoise	PP	1	northbound	33222	3	-121.93834	36.43229	0.89	8.2/241	11:41	S	RCH	25	-8	15.3	2.28
1998	1	16	Killer whale	OO	2	1 adult male; headed S	44433	3	-121.9993	36.405069	4.25	0.6/241	12:32	S	PSH	25	-8	15.3	2.28
1998	1	17	Unident. dolphin	UD	50		43221	2	-121.96603	36.419932	2.42	2.0/241	9:50	S	JMW	11	-8	15.3	2.28
1998	1	20	Unident. dolphin	UD	100+	LO? southbound	43322	3	-121.9993	36.405069	4.25	0.6/241	11:32	S	KWS	-7	-8	15.3	2.28
1998	1	21	Killer whale	OO	1	female or sub adult headed S	33222	4	-121.98543	36.412414	3.46	1.0/242	8:08	S	JMW	-7	-8	15	2.28
1998	1	21	Unident. dolphin	UD	100+	northbound	43332	5	-121.98484	36.411531	3.46	1.0/241	14:33	S	JMW	-7	-8	15	2.28
1998	1	21	Unident. dolphin	UD	200+	DD? Northbound	43332	5	-121.96603	36.419932	2.42	2.0/241	14:40	S	JMW	-7	-8	15	2.28
1998	1	22	Minke whale	BA	1	headed N, when breached saw pleats under chin, pointed snout, light underside, narrow torpedo shape, smaller than ER	32111	1	-121.9775	36.414808	3.05	1.3/241	9:24	S	RCH	-4	-8	15.1	2.28
1998	1	23	Common dolphin	DD	100+	northbound (matched to census watch)	54332	2	-121.93867	36.432143	0.82-1.01	7.0-9.0/241	7:38	S	KWS	9	-8	NA	2.28
1998	1	23	Common dolphin	DD	1	southbound	44432	2	-121.94793	36.428013	1.42	4.5/241	9:07	S	KWS	9	-8	NA	2.28
1998	1	24	Unident. dolphin	UD	10	southbound	32211	2	-121.96603	36.419932	2.42	2.0/241	8:09	S	JMW	-2	-8	NA	2.28
1998	1	24	Unident. dolphin	UD	20	northbound	11111	3	-121.96603	36.419932	2.42	2.0/241	12:38	S	JMW	-2	-8	NA	2.28
1998	1	25	Unident. dolphin	UD	1	dark, falcate dorsal like DD	66654	2				NA/241	10:48	S	RCH	7	-8	NA	2.28
2000	12	29	Unident. dolphin	UD	4-6	TT? GG? Slow rolling southbound	53221	2	-121.99138	36.408609	3.82	0.8/241	8:50	S	LSB	-28	-3	NA	0.38
2000	12	31	Harbor porpoise	PP	2	headed S with calf, reticles estimated	44332	2	-121.93222	36.435018	0.55	14.4/241	13:01	S	ASB	-35	-3	NA	0.38
2001	1	4	Killer whale	OO	1	male headed S	44321	2	-121.96618	36.419863	2.43	2.0/241	13:13	S	LSB	-37	-8	NA	0.41
2001	1	4	Common dolphin	DD	300	northbound (matched to census watch)	43221	2	-121.93721	36.432796	0.77-0.84	8.8-9.8/ 241	14:37	S	ASB	-37	-8	NA	0.41
2001	1	6	Killer whale	OO	1	male headed S, estimated reticle	65432	2	-121.96378	36.420936	2.29	2.2/241	9:56	S	LSB	-5	-8	NA	0.41
2001	1	6	Unident. dolphin	UD	10-20	southbound	44321	2	-121.96102	36.422873	2.12	2.5/242	15:27	S	JMW	-5	-8	NA	0.41

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility ¹	Beau- fort	Longitude	Latitude	Distance offshore (nmi)	Reticle/ bearing	Time	Shed	Observer initials	Daily upwell- ing index	Upwell- ing monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
2001	1	7	Risso's dolphin	GG	30+	milling	54321	2	-121.96378	36.420936	2.29	2.2/241	7:46	S	ASB	62	-8	NA	0.41
2001	1	7	Unident. dolphin	UD	NA	bodies not visible, just splashes headed N (matched to census watch)	65421	2	-121.96891	36.418646	2.58	1.8/241	8:11	S	ASB	62	-8	NA	0.41
2001	1	8	Unident. whale	UW	1	saw big splash then partial breach headed S	64322	4	-121.97991	36.413732	3.18	1.2/241	8:31	S	LSB	62	-8	NA	0.41
2001	1	20	Risso's dolphin	GG	6+	southbound (matched to census watch)	54321	2	-121.95498	36.424863	1.81	3.2/241	10:13	S	ASB	-4	-8	NA	0.41
2001	1	20	Risso's dolphin	GG	20	milling then headed SW	54321	2	-121.95058	36.427345	1.55	4.0/242	10:14	S	ASB	-4	-8	NA	0.41
2001	1	20	Risso's dolphin	GG	2+		54321	2	-121.95883	36.423144	2.02	2.7/241	10:17	S	ASB	-4	-8	NA	0.41
2001	1	20	Risso's dolphin	GG	2	northbound	65432	2	-121.94935	36.427378	1.50	4.2/241	10:24	S	ASB	-4	-8	NA	0.41
2001	1	20	Risso's dolphin	GG	50+	southbound (matched to census watch)	65432	2	-121.956	36.425021	1.85	3.1/242	10:27	S	ASB	-4	-8	NA	0.41
2001	1	20	Risso's dolphin	GG	10	southbound	65432	2	-121.96891	36.418646	2.58	1.8/241	10:33	S	ASB	-4	-8	NA	0.41
2001	1	20	Risso's dolphin	GG	5+	southbound	65432	2	-121.95462	36.425614	1.77	3.3/242	10:40	S	ASB	-4	-8	NA	0.41
2001	1	20	Common dolphin	DD	1000	took over 2 minutes to cross field of view headed S (matched to census watch)	66542	2	-121.94683	36.428502	1.22-1.55	4.0-5.5/241	12:36	S	ASB	-4	-8	NA	0.41
2001	1	20	Common dolphin	DD	20	southbound	66542	2	-121.94761	36.428152	1.40	4.6/241	12:39	S	ASB	-4	-8	NA	0.41
2001	1	20	Common dolphin	DD	10	southbound	66542	2	-121.94443	36.429571	1.22	5.5/241	12:41	S	ASB	-4	-8	NA	0.41
2001	1	21	Common dolphin	DD	50	moving S out of area by 8:41	66653	2	-121.94827	36.428332	1.42	4.5/242	8:40	S	ASB	-10	-8	NA	0.41
2001	1	21	Unident. dolphin	UD	1	southbound	66653	2	-121.95134	36.426487	1.61	3.8/241	8:43	S	ASB	-10	-8	NA	0.41
2001	1	28	Risso's dolphin	GG	20-50	northbound	54321	2	-121.95305	36.425725	1.70	3.5/241	10:52	S	KWS	8	-8	NA	0.41
2001	1	28	Risso's dolphin	GG	20+	northbound with calves	54321	2	-121.93654	36.433092	0.79	9.5/241	10:52	S	KWS	8	-8	NA	0.41
2001	1	28	Risso's dolphin	GG	4-5+	milling, went north at 10:57	54321	2	-121.95305	36.425725	1.70	3.5/241	10:55	S	KWS	8	-8	NA	0.41
2001	1	28	Unident. dolphin	UD	100+	leaping, moving fast S	54321	2	-121.98504	36.411441	3.47	1.0/241	11:04	S	KWS	8	-8	NA	0.41
2001	1	28	Risso's dolphin	GG	4-5+	northbound	54321	2	-121.95189	36.426243	1.64	3.7/241	11:08	S	KWS	8	-8	NA	0.41
2001	1	28	Risso's dolphin	GG	1-2	northbound	54321	2	-121.95031	36.426949	1.55	4.0/241	11:10	S	KWS	8	-8	NA	0.41
2001	1	28	Unident. dolphin	UD	100+	southbound?	54321	2	-121.97934	36.412927	3.18	1.2/240	11:10	S	KWS	8	-8	NA	0.41
2001	1	28	Risso's dolphin	GG	8-12	northbound	43221	2	-121.97203	36.417253	2.75	1.6/241	11:39	S	LSB	8	-8	NA	0.41
2001	1	28	Unident. dolphin	UD	10-20	more GG? Northbound	43221	2	-122.01072	36.399962	4.89	0.4/241	11:47	S	LSB	8	-8	NA	0.41

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visibility ¹	Beaufort	Longitude	Latitude	Distance offshore (nmi)	Reticle/bearing	Time	Shed	Observer initials	Daily upwelling index	Upwelling monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
2001	1	29	Unident. dolphin	UD	20-80	group of dolphins (DD?) associated with flock of birds. Seen northbound, southbound, until 15:00, one group milling?	66542	6	-121.95642	36.424222	1.81-1.97	2.8-3.2/241	14:45	S	ASB	-18	-8	12.8	0.41
2001	1	31	Unident. dolphin	UD	15-20	GG or OO? 2 minutes to cross field of view headed N. Lots of splashing, fast moving.	43221	3	-122.00462	36.402688	4.55	0.5/241	14:00	S	LSB	-34	-8	12.6	0.41
2001	2	1	Common dolphin	DD	50-60	southbound, seen sometime between 11:50 and 12:28, problems with recorder	43321	3	-121.95367	36.425449	1.73	3.4/241	11:50	S	LSB	-12	-35	12.6	-0.45
2001	2	1	Common dolphin	DD	1000+	took 2 minutes for entire group to cross field of view headed S, moving fast creating their own Beaufort 3	32111	1	-121.96164	36.421891	2.12-2.29	2.2-2.5/241	15:56	S	KWS	-12	-35	12.6	-0.45
2001	2	4	Unident. dolphin	UD	200-500+	northbound	65321	2	-121.99138	36.408609	3.82	0.8/241	12:27	S	ASB	-67	-35	NA	-0.45
2001	2	4	Unident. dolphin	UD	NA	northbound, don't know how many	65321	2	-121.99138	36.408609	3.82	0.8/241	12:46	S	ASB	-67	-35	NA	-0.45
2001	2	5	Unident. dolphin	UD	NA	large school northbound with large flock of birds	66653	5	-121.95031	36.426949	1.42-1.70	3.5-4.5/241	8:11	S	ASB	-51	-35	NA	-0.45
2001	2	5	Unident. dolphin	UD	NA	large school southbound with large flock of birds	66653	5	-121.94802	36.427969	1.22-1.70	3.5-5.5/241	8:15	S	ASB	-51	-35	NA	-0.45
2001	2	7	Dall's porpoise	PD	1	northbound	54321	4	-121.94706	36.428849	1.36	4.8/242	8:25	S	LSB	-60	-35	11.4	-0.45
2001	2	7	Pacific white-sided dolphin	LO	1	northbound	54321	4	-121.97565	36.415637	2.95	1.4/241	8:47	S	LSB	-60	-35	11.4	-0.45
2002	1	6	Unident. dolphin	UD	100+	southbound (match to census watch)	54322	2	-121.96065	36.422331	2.12	2.5/241	12:34	S	MMM	5	32	NA	-1.25
2002	1	6	Unident. dolphin	UD	5-6	southbound	54322	2	-121.96065	36.422331	2.12	2.5/241	12:40	S	MMM	5	32	NA	-1.25
2002	1	15	Risso's dolphin	GG	2		33222	4	-121.95642	36.424222	1.89	3.0/241	12:01	S	JMW	-67	32	10.4	-1.25
2002	1	16	Unident. dolphin	UD	NA	large school, GG?	33222	4	-121.99953	36.404965	4.26	0.6/241	9:19	S	JMW	58	32	11.9	-1.25
2002	1	17	Common dolphin	DD	1000+	calves visible, crossing field of view for 2 minutes headed N (match to census watch)	43211	2	-121.94299	36.430213	1.14-1.32	5.0-6.0/241	8:40	S	KWS	-24	32	NA	-1.25
2002	1	20	Common dolphin	DD	1000+	crossed field of view for 8 minutes headed N	65444	6	-121.95189	36.426243	1.64	3.7/241	15:03	S	KWS	-36	32	NA	-1.25
2002	1	23	Killer whale	OO	1	northbound	54321	4	-121.97768	36.414726	3.06	1.3/241	12:09	S	IML	-38	32	NA	-1.25
2002	1	24	Risso's dolphin	GG	1000+	southbound, possibly mixed with LO?	11111	2	-121.98803	36.410106	3.47-3.82	0.8-1.0/241	12:22	S	KWS	-12	32	11.9	-1.25
2002	1	24	Bottlenose dolphin	TT	1	northbound	11111	2	-121.94802	36.427969	1.42	4.5/241	12:43	S	KWS	-12	32	11.9	-1.25
2002	1	24	Minke whale	BA	1	southbound	11111	2	-121.94668	36.429011	1.34	4.9/242	12:44	S	KWS	-12	32	11.9	-1.25
2002	1	24	Unident. dolphin	UD	1000+	southbound	11111	2	-122.0429	36.385565	5.85-9.16	0.0-0.2/241	14:23	S	KWS	-12	32	11.9	-1.25
2002	1	30	Bottlenose dolphin	TT	1	southbound	42111	4	-121.95305	36.425725	1.70	3.5/241	12:30	S	KCL	44	32	10.7	-1.25

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visibility ¹	Beaufort	Longitude	Latitude	Distance offshore (nmi)	Reticle/bearing	Time	Shed	Observer initials	Daily upwelling index	Upwelling monthly anomaly	Daily Sea Surf (°C)	SST monthly anomaly
2002	1	30	Bottlenose dolphin	TT	1	southbound	42111	4	-121.95031	36.426949	1.55	4.0/241	12:32	S	KCL	44	32	10.7	-1.25
2002	2	4	Risso's dolphin	GG	50	northbound	22111	2	-121.96618	36.419863	2.43	2.0/241	13:19	S	RCH	-35	-17	NA	0.01
2007	1	9	Risso's dolphin	GG	2	going south at least 2 breaching	43211	2	-121.97213	36.41807	2.75	1.6/241	11:31	S	DJR	32	108	NA	-0.66
2007	1	9	Risso's dolphin	GG	2	southbound	43211	2	-121.96628	36.42068	2.42	2.0/241	11:39	S	DJR	32	108	NA	-0.66
2007	1	15	Unident. dolphin	UD	5-10	with gray whales	43211	3	-121.94474	36.430701	1.22	5.5/242	16:10	S	IML	30	108	NA	-0.66
2007	1	22	Common dolphin	DD	1000	northbound	44431	2	-121.96076	36.423147	2.12	2.5/241	14:51	S	SLR	37	108	12	-0.66
2007	1	29	Unident. dolphin	UD	NA	small group, northbound	22111	1	-121.93604	36.434179	0.75	10.0/241	14:03	S	SDN	8	108	12.6	-0.66
2007	1	29	Unident. dolphin	UD	NA	northbound dolphins	22111	1				NA/241	14:21	S	SDN	8	108	12.6	-0.66

¹Visibility was divided across the field of view from horizon to shore in 1995, with codes given for 0.0-1.0 reticles,1.0-2.0 reticles,2.0-3.0 reticles,3.0-4.0 reticles, and >4.0 reticles was assumed to be at least good (visibility 3 or better). Later in 1995 a code was also applied to the >4.0 reticles bin.