

Appendix 1. Cetacean sightings recorded on census (7x50) 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	Visibility	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
1967	12	20	Unident. dolphin	UD	6-8	running off the bow of sailboat	4	2			NA	NR	14:45	S	JR	0	3	NA	NA
1968	2	2	Pacific white-sided dolphin	LO	3-4	seen with 2 southbound ER that appeared to be copulating (much rolling over and splashing water with flippers and flukes), dolphins were jumping around the whales and whales were playing with them too, breaching and chasing them and sticking snout out of water south of site	2	1			0.5E	NR	15:45	S	JR	3	-41	NA	NA
1971	1	29	Unident. dolphin	UD	20+		1	2			3.0E	NR	11:04	S	ST	-16	2	NA	NA
1971	1	29	Killer whale	OO	4-5	not far south of porpoise sighting at 11:04	1	2			3.0-4.0E	NR	11:25	S	ST	-16	2	NA	NA
1971	2	6	Unident. dolphin	UD	NA	a few seen blowing 3-4 miles south of site	3	3			3.0-4.0E	NR	8:40	S	ST	60	61	NA	NA
1973	1	6	Unident. whale	UW	1	northbound following shoreline, small whale with low shapeless blow visible only in south quadrant with sun shining through it, small slightly hooked dorsal fin, looked more like a minke whale (BA) than any beaked whale shown in the "Guide..."	3	3			0.25E	NR	15:30	S	NS	8	-13	12.5	0.19
1973	1	6	Unident. dolphin	UD	12	at least a dozen northbound dolphins jumping (no time given for sighting but sometime between noon and 13:42)	1	3			5.0E	NR	12:00-13:42	S	NS	8	-13	12.5	0.19
1973	1	7	Unident. dolphin	UD	10-15		1	1			3.0E	NR	11:45	S	ST	-14	-13	12.3	0.19
1973	1	15	Unident. dolphin	UD	100-150	noticed successive pods of porpoises coming toward site, they were probably Pacific striped dolphins (LO)	3	4			0.5E	NR	11:45	S	ST	-64	-13	13.2	0.19
1973	2	6	Unident. whale	UW	1	close behind a group of ER caught a brief glimpse of what seemed to be a smaller cetacean with a dorsal fin, length about 20 ft.	5	6			0.25E	NR	13:20	S	ST	-122	-63	12.8	0.77
1974	1	2	Unident. dolphin	UD	1	dark, medium sized cetacean "jumped" once about 4 miles SW of site	2	2			4.0E	NR	13:50	S	ST	-11	-11	10	-1.88
1974	1	2	Unident. dolphin	UD	1	dark, small porpoise seen jumping about 3 miles W of site	2	2			3.0E	NR	14:50	S	ST	-11	-11	10	-1.88
1974	1	22	Unident. whale	UW	20-25	northbound group strung out along horizon over a distance of a mile or more, blows appeared vertical	1	2			on horizon	NR	15:20	S	NS	27	-11	10.1	-1.88
1974	2	7	Unident. dolphin	UD	5-10	2 southbound groups slicing surface with backs, not jumping, drawing looks like a rooster tail	1	1			3.0E	NR	15:00	S	NS	4	-2	10.6	-1.72
1974	2	7	Unident. dolphin	UD	10-15	(see comment above)	1	1			2.5E	NR	15:00	S	NS	4	-2	10.6	-1.72
1974	2	7	Unident. dolphin	UD	10	probably a different southbound group	1	1			2.0-2.5E	NR	16:00	S	NS	4	-2	10.6	-1.72
1975	1	31	Pacific white-sided dolphin	LO	4-5	dolphins stayed just in front of 3 ER, as if running before a ship (bowriding)	5	5			<0.25E	NR	8:05	S	ST	-186	16	10.9	-1.88
1976	1	6	Unident. dolphin	UD	3	associated with 4 ER displaying heavy mating activity	3	2			<0.25E	NR	8:48	S	ST	77	11	10.1	-2.02
1977	1	21	Killer whale	OO	2	northbound (no time given for sighting but appears to have occurred sometime between 15:20 and 16:58)	2	1			1.0E	NR	15:20-16:58	S	KF	-6	-9	14.7	1.49
1977	1	22	Unident. dolphin	UD	50	northbound (no time given but sighting appears to have occurred sometime between 07:00 and 09:33, vis changed 3 times during this time period)	NA	1			2.0E	NR	7:00-9:33	S	KF	-7	-9	14.2	1.49

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1979	1	2	Humpback whale	MN	2	southbound (observer 27)	1	1			0.5E	NR/240	10:25	S	GC	-146	-14	12.1	-0.55
1980	1	23	Unident. dolphin	UD	85	porpoise southbound 2 miles straight out from site (observer 30)	2	1			2.0E	NR/240	10:46	S	GJ	-37	-12	13.2	1.13
1985	1	23	Common dolphin	DD	150-200	northbound	2	2			0.75E	NR/270	13:17	S	MED	-25	-12	12.6	-0.17
1985	1	24	Unident. dolphin	UD	3-4	possibly harbor porpoise (PP)	4	2			NA	NR	7:20	S	MED	-8	-12	12.6	-0.17
1985	1	24	Unident. dolphin	UD	5-6	northbound leaping clear of water, could be Delphinus (DD) but not sure	2	1			NA	NR	11:45	S	MED	-8	-12	12.6	-0.17
1985	12	10	Risso's dolphin	GG	3 pods of 25-30	southbound	1	1			1.5E	NR	7:37	S	MED	31	-18	11.9	-0.23
1985	12	10	Risso's dolphin	GG	2 pods of 5-6	southbound	1	1			1.5E	NR	8:14	S	MED	31	-18	11.9	-0.23
1985	12	10	Minke whale	BA	1	southbound	1	2			0.75E	NR/238	11:38	S	CDV	31	-18	11.9	-0.23
1985	12	14	Minke whale	BA	1	circled in area until 16:00, feeding?	2	1			0.5E	NR/235	14:55	S	MED	-8	-18	11.1	-0.23
1985	12	15	Killer whale	OO	7-8	saw 2 big males, no calves, circled in area for an hour before heading N passing close to Lobos Rocks	2	1			1.5E	NR/232	8:02	S	MED	-6	-18	12	-0.23
1985	12	15	Minke whale	BA	1	southbound	1	1			2.0E	NR/282	12:31	S	CDV	-6	-18	12	-0.23
1985	12	15	Minke whale	BA	1	southbound	1	1			0.75E	NR/241	13:03	S	CDV	-6	-18	12	-0.23
1985	12	15	Minke whale	BA	1	southbound	1	1			0.5E	NR/275	13:12	S	CDV	-6	-18	12	-0.23
1985	12	15	Minke whale	BA	1	southbound	1	1			2.0E	NR/278	13:27	S	CDV	-6	-18	12	-0.23
1985	12	15	Minke whale	BA	1	feeding? Milling	1	1			0.5E	NR/272	13:28	S	CDV	-6	-18	12	-0.23
1985	12	16	Minke whale	BA	1	northbound (same BA seen at 289?)	1	1			1.5E	NR/230	11:28	S	CDV	-13	-18	12	-0.23
1985	12	16	Minke whale	BA	1	northbound (same BA seen at 230?)	1	1			0.75E	NR/289	11:58	S	CDV	-13	-18	12	-0.23
1985	12	18	Minke whale	BA	1	was swimming N then turned S and swam alongside an ER, still together at 08:00	1	1			0.75E	NR/242	7:46	S	MED	-35	-18	12.1	-0.23
1985	12	18	Minke whale	BA	1	southbound	1	1			1.0E	NR/238	15:37	S	NBF	-35	-18	12.1	-0.23
1985	12	19	Minke whale	BA	1	off reef with sea lions	1	0			1.0E	NR/220	8:29	S	NBF	-41	-18	12.2	-0.23
1985	12	21	Unident. dolphin	UD	6-8	southbound	1	1			2.5E	NR/251	15:21	S	NBF	-35	-18	13.1	-0.23
1986	1	2	Unident. dolphin	UD	15		2	1			5.0E	NR	11:42	S	CDV	2	-26	12.9	0.44
1986	1	6	Killer whale	OO	3	1 male and 2 females observed, 6 groups of ER head into kelp (match to JF 16:01 sighting)	1	2			0.75E	NR/288	15:59	N	MED	10	-26	13.3	0.44
1986	1	6	Killer whale	OO	2	two males associated with pod of 8 ER (match to MED 15:59 sighting)	1	2			1.0E	NR/277	16:01	S	JF	10	-26	13.3	0.44
1986	1	8	Unident. dolphin	UD	30-40	long line of southbound individuals, possibly GG based on behavior, seen again at 230 deg, 3.0 nmi, at 10:06 (not seen by S shed)	1	1			3.0E	NR/270	9:25	N	MED	-25	-26	13.2	0.44

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1986	1	8	Risso's dolphin	GG	12	species and distance confirmed by tagging vessel (not seen by N shed)	1	1			3.0E	NR	12:51	S	CDV	-25	-26	13.2	0.44
1986	1	8	Killer whale	OO	1	southbound (not seen by S shed)	2	2			0.5E	NR/280	15:50	N	DJR	-25	-26	13.2	0.44
1986	1	17	Risso's dolphin	GG	15-20	(see CDV 12:25 sighting for additional notes on sighting)	1	2			0.75E	NR	12:20	N	MED/RCF	3	-26	13.8	0.44
1986	1	17	Risso's dolphin	GG	15-20	11 southbound ER encountered a northbound group of GG, GG encircled the whales, ER slapped pecs, flukes, rolled ventrum up, changed direction and swam NE, 6 GG encircled a second pod of ER also turning them NE, 1 ER swam rapidly toward kelp bed with 4 GG (match to MED/RCF 12:20 sighting)	3	1			0.75E	NR	12:25	S	CDV	3	-26	13.8	0.44
1986	2	7	Unident. dolphin	UD	NA	large school traveling fast N	1	2			5.0E	NR	9:49	S	NF	11	-37	11.9	0.56
1987	12	12	Unident. dolphin	UD	NA	northbound school with feeding birds (not seen by S shed)	3	2			1.5E	NR/240	7:40	N	CGD	282	-8	11.4	0.13
1987	12	14	Minke whale	BA	1	southbound (not seen by S shed)	2	1			0.75E	NR/250	11:20	N	MED	-22	-8	11	0.13
1987	12	18	Minke whale	BA	1	northbound (not seen by other observer)	2	2	-121.935	36.436	0.67	3.0/247	7:57	S	ES	34	-8	13.3	0.13
1987	12	18	Unident. dolphin	UD	NA	northbound school with feeding sea birds (not seen by S shed)	2	3	-121.955	36.438	1.59	1.0/265	9:39	N	CGD	34	-8	13.3	0.13
1987	12	18	Unident. dolphin	UD	300- 400	(not seen by S shed)	2	3			2.5-3.0E	NR/257	11:29	N	LT	34	-8	13.3	0.13
1987	12	18	Unident. dolphin	UD	3	(not seen by N shed)	2	2	-121.928	36.43	0.67	3.0/205	11:40	S	PW	34	-8	13.3	0.13
1987	12	18	Unident. dolphin	UD	75+/- 25	(not seen by N shed)	2	2	-121.988	36.416	3.49	0.3/240-250	12:03	S	PW	34	-8	13.3	0.13
1987	12	18	Unident. dolphin	UD	100- 150	headed NNE in a chorus line formation (not seen by N shed)	2	2	-121.953	36.407	2.47	0.5/217	12:31	S	PW	34	-8	13.3	0.13
1987	12	19	Unident. dolphin	UD	75-100	accompanied by large flock, >100 gulls (not seen by S shed)	2	2	-121.957	36.41	2.47	0.5/222	7:48	N	PW	34	-8	13.2	0.13
1987	12	21	Unident. dolphin	UD	300+	(not seen by N shed)	1	2	-122	36.426	3.84	0.2/252-261	10:10	S	DJR	2	-8	12.9	0.13
1987	12	21	Unident. whale	UW	1-2	small to medium whale size, turned and fluked, white underside (observer in N shed ID'd as ER)	2	2			NA	NR/259	13:45	S	ES	2	-8	12.9	0.13
1987	12	26	Unident. dolphin	UD	30-40	at 9:47 seen at 175 deg (not seen by S shed)	1	1	-121.943	36.403	2.47	0.5/204	9:24	N	MED	-38	-8	11.6	0.13
1987	12	28	Bottlenose dolphin	TT	6-8	southbound in surf zone (match to DJR 11:51 sighting)	3	3	-121.924	36.439	0.09	NA/240	11:49	S	PW	-45	-8	12.3	0.13
1987	12	28	Bottlenose dolphin	TT	15	passed within 20 meters of rocks headed S (match to PW 11:49 sighting)	3	3	-121.924	36.439	0.09	NA/240	11:51	N	DJR	-45	-8	12.3	0.13
1988	1	1	Unident. dolphin	UD	NA	school around fishing boat, feeding? (not seen by S shed)	2	1	-121.972	36.432	2.47	0.5/258	13:31	N	MED	-54	-11	12.3	-0.64
1988	1	1	Unident. dolphin	UD	300- 400	southbound in chorus line (not seen by S shed)	1	1	-121.967	36.42	2.47	0.5/240	15:30	N	PW	-54	-11	12.3	-0.64
1988	1	5	Unident. whale	UW	1	(not seen by S shed)	2	1	-121.984	36.4	3.84	0.2/231	14:24	N	DJR	3	-11	12.7	-0.64
1988	1	6	Minke whale	BA	1	northbound (match to LT 12:08 sighting)	2	1	-121.936	36.437	0.67	3.0/252	12:06	N	PW	0	-11	12.7	-0.64
1988	1	6	Minke whale	BA	1	northbound (match to PW 12:06 sighting)	2	2	-121.936	36.439	0.67	3.0/264	12:08	S	LT	0	-11	12.7	-0.64

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1988	1	13	Unident. dolphin	UD	NA	large school headed N with birds	2	1	-121.969	36.423	2.47	0.5/240-250	7:40	N	RCF	-11	-11	12.1	-0.69
1988	1	13	Unident. dolphin	UD	NA	(match to AW 10:53 sighting? No travel direction given for either sighting, aerial survey also reported UD around this time)	1	1	-121.964	36.417	2.47	0.5/235	10:35	S	MED	-11	-11	12.1	-0.69
1988	1	13	Unident. dolphin	UD	NA	dolphin splashes (match to MED 10:35 sighting? aerial survey also had UD around this time)	2	1	-121.973	36.433	2.47	0.5/260	10:53	N	AW	-11	-11	12.1	-0.69
1988	1	13	Unident. dolphin	UD	1000+	southbound (match to AW 12:55 sighting)	2	1	-121.973	36.435	2.47	0.5/260-265	12:45	S	MED	-11	-11	12.1	-0.69
1988	1	13	Unident. dolphin	UD	2000	southbound (match to MED 12:45 sighting)	3	1			2.47	0.5/NA	12:55	N	AW	-11	-11	12.1	-0.69
1988	1	13	Unident. dolphin	UD	1	leaping (not seen by S shed)	4	2	-121.942	36.442	0.94	2.0/276	16:58	N	ES	-11	-11	12.1	-0.69
1988	1	14	Unident. dolphin	UD	800- 1000	at 250 deg at 11:42 headed S (not seen by S shed, large group of DD seen by aerial team at 12:59 between Granite Canyon and Pt Sur)	3	2	-121.974	36.44	2.47	0.5/270	11:31	N	MED	-28	-11	12.1	-0.69
1988	1	29	Unident. dolphin	UD	4	10-20 meters off rocks headed S (not seen by N shed)	3	3	-121.924	36.439	0.09	NA/241	14:41	S	RCF	12	-11	12.1	-0.69
1988	1	29	Unident. dolphin	UD	6-8	10-20 meters off rocks (match to CGD 15:52 DD sighting)	3	2	-121.924	36.439	0.09	NA/241	15:50	S	RCF	12	-11	12.1	-0.69
1988	1	29	Common dolphin	DD	5+	in surf headed S (match to RCF 15:50 UD sighting)	4	3	-121.924	36.439	0.09	NA/241	15:52	N	CGD	12	-11	12.1	-0.69
1988	1	29	Unident. dolphin	UD	NA	seen near rocks in front of station, probably Delphinus (match to CGD 16:20 DD sighting)	4	2	-121.924	36.439	0.09	NA/241	16:15	S	RCF	12	-11	12.1	-0.69
1988	1	29	Common dolphin	DD	NA	in surf headed S (match to RCF 16:15 UD sighting)	5	3	-121.924	36.439	0.09	NA/241	16:20	N	CGD	12	-11	12.1	-0.69
1988	2	1	Unident. dolphin	UD	NA	large school (match to RCF 7:57 sighting)	3	1			NA	NR	7:57	S	CGD	39	-12	11.1	-0.49
1988	2	1	Unident. dolphin	UD	NA	tight group, large animals (match to CGD 7:57 sighting)	4	2	-121.969	36.402	3.21	0.3/224	7:57	N	RCF	39	-12	11.1	-0.49
1988	2	1	Unident. dolphin	UD	NA	northbound mega school covers 5 degrees in a chorus line (not seen by N shed)	2	2			2.98	0.4/NA	15:55	S	LT	39	-12	11.1	-0.49
1988	2	2	Unident. dolphin	UD	100s	leaping N in long line about 1 mile wide (not seen by S shed)	3	2			NA	NR/230	7:45	N	ES	36	-12	11	-0.49
1988	2	2	Unident. dolphin	UD	1000+	looks like DD headed N (match to AW 11:15 DD sighting)	2	2			2.47	0.5/263-270	11:11	S	CGD	36	-12	11	-0.49
1988	2	2	Common dolphin	DD	1000- 1500	northbound (match to CGD 11:11 UD sighting)	2	1	-121.955	36.438	1.59- 2.01	0.7-1.0/266	11:15	N	AW	36	-12	11	-0.49
1988	2	3	Unident. dolphin	UD	NA	porpoise group in a chorus line headed N (not seen by S shed)	2	1			2.47	0.5/NA	12:04	N	LT	0	-12	10.8	-0.49
1988	2	4	Unident. dolphin	UD	50+	southbound, body not seen only the break of wave crest over upper body (not seen by S shed)	2	2	-121.969	36.424	2.47	0.5/246	16:16	N	ES	-1	-12	11.3	-0.49
1988	2	4	Unident. dolphin	UD	100s	northbound (match to CGD 16:40 sighting)	2	2			2.0-3.5	NA	16:35	N	ES	-1	-12	11.3	-0.49
1988	2	4	Unident. dolphin	UD	NA	school headed W (match to ES 16:35 sighting)	2	2			1.5	NA	16:40	S	CGD	-1	-12	11.3	-0.49
1988	2	4	Unident. dolphin	UD	NA	northbound school (not seen by N shed?)	2	2			NA	NA	16:50	S	CGD	-1	-12	11.3	-0.49
1992	12	11	Humpback whale	MN	2	southbound	4	4	-121.935	36.445	0.67	3.0/298	10:12	S	DJR	70	-8	NA	0.92
1992	12	11	Unident. whale	UW	1	only one sighting, possible MN	4	4	-121.945	36.425	1.39	1.2/230	10:27	S	DJR	70	-8	NA	0.92

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1992	12	11	Blue whale	BM	2	initially saw at bearing 305	4	4	-121.948	36.432	1.31	1.3/248	11:02	S	DJR	70	-8	NA	0.92
1992	12	11	Unident. whale	UW	1	long knobby dorsal headed S, probably a MN	3	2	-121.93	36.435	0.47	4.5/231	15:20	S	RCH	70	-8	NA	0.92
1992	12	13	Unident. dolphin	UD	NA	group of dolphins with 200 birds, mostly gulls	3	4	-122.018	36.415	4.87	0.1/252	10:51	S	SRB	29	-8	NA	0.92
1992	12	14	Unident. dolphin	UD	450- 500	got species ID in big eyes (BE) at 0.6 rets, 272 deg, originally seen milling at 307 deg, 0.2 rets on BE with 100 birds, mostly gulls, at 14:06	2	2	-122.009	36.443	4.19	0.6(BE)/272	15:30	S	SRB	-16	-8	NA	0.92
1992	12	16	Unident. dolphin	UD	500	got species ID in big eyes (BE) at 1.8 rets, 247 deg, seen headed S with 150 feeding terns and gulls	3	2	-121.971	36.424	2.54	1.8(BE)/247	8:31	S	SRB	-10	-8	NA	0.92
1992	12	16	Common dolphin	DD	20-30		2	3	-121.945	36.447	1.18	1.5/290	12:26	S	DJR	-10	-8	NA	0.92
1992	12	17	Unident. dolphin	UD	10-20	only dorsal fins visible headed S, quite large and falcate, fairly pointed tip, DD, GG or LO?	3	2	-121.934	36.437	0.59	3.5/250	10:01	S	JAL	51	-8	NA	0.92
1992	12	17	Unident. dolphin	UD	10	moving fast southbound - looked at through big eyes could all be GG	3	2	-121.934	36.435	0.67	3.0/240	10:14	S	JAL	51	-8	NA	0.92
1992	12	17	Risso's dolphin	GG	10	confirmed in big eyes (BE)	3	2	-121.927	36.438	0.28	8.0/240	10:20	S	JAL	51	-8	NA	0.92
1992	12	17	Risso's dolphin	GG	200	confirmed in big eyes spread out small sub-groups from 1.5-16.0 rets, 220-250 deg, still milling in the area at 11:18 (not seen by N shed)	2	2	-121.972	36.417	0.5-2.82	0.4/220-250	10:31	S	SRB	51	-8	NA	0.92
1992	12	17	Risso's dolphin	GG	NA	widespread milling groups throughout field of view (not seen by N shed)	2	2	-121.972	36.417	0.5-2.82	0.4/240	11:18	S	SRB	51	-8	NA	0.92
1992	12	18	Risso's dolphin	GG	200	echelon formation (not seen by S shed)	3	3	-121.929	36.431	0.67	3.0/210	7:56	N	DJR	93	-8	12.8	0.92
1992	12	18	Unident. whale	UW	1	seen 3 times headed S, shiny, black, possible MN	3	4	-121.935	36.438	0.63	3.2/255	13:12	S	JAL	93	-8	12.8	0.92
1992	12	18	Unident. dolphin	UD	300+	southbound, in big eyes seen at 285 deg, 1.0 ret (not seen by S shed)	2	3	-121.987	36.454	3.21	0.3/285	13:41	N	SRB	93	-8	12.8	0.92
1992	12	18	Unident. dolphin	UD	300- 400	species ID confirmed in big eyes at 225 deg, 2.0 rets, southbound associated with feeding birds (not seen by S shed)	2	3	-121.959	36.411	2.36	0.5/225	14:10	N	SRB	93	-8	12.8	0.92
1992	12	19	Common dolphin	DD	20+	(not seen by S shed)	2	2	-121.937	36.428	1.02	1.8/225	9:58	N	DJR	-19	-8	12.8	0.92
1992	12	19	Northern right whale dolphin/ Pacific white- sided dolphin	LB/LO	50	consisted of LO (80%) and LB (20%) headed S	2	2	-121.973	36.447	2.47	0.5/280	12:12	S	JJB	-19	-8	12.8	0.92
1992	12	22	Common dolphin	DD	500+	species ID confirmed in big eyes at 250 deg, 2.0 ret, with 350+ feeding birds headed N (not seen by N shed)	3	2	-121.97	36.426	2.47	0.5/250	7:39	S	SRB	11	-8	13.2	0.92
1992	12	31	Risso's dolphin	GG	10	species ID confirmed in big eyes, ret. 6.3 at 255 - light colored rounded head, tall falcate dorsal	3	2	-121.944	36.436	1.09	6.3(BE)/255	7:20	S	JAL	-20	-8	13.3	0.92
1992	12	31	Risso's dolphin	GG	20	(not seen by N shed)	3	2	-121.935	36.432	0.78	2.5/230	12:06	S	JJB	-20	-8	13.3	0.92
1993	1	3	Minke whale	BA	1	northbound	2	3	-121.941	36.436	0.94	2.0/253	16:14	S	SRB	-4	-25	13	0.76
1993	1	4	Common dolphin	DD	30-40	southbound (not seen by N shed)	3	1	-121.955	36.43	1.71	0.9/248	9:10	S	SRB	-13	-25	12.6	0.76

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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
1993	1	4	Common dolphin	DD	20-50	southbound (match to SRB 9:58 sighting)	3	1			0.94	2.0/NA	9:57	N	JCC	-13	-25	12.6	0.76
1993	1	4	Common dolphin	DD	25	southbound (match to JCC 9:57 sighting)	3	1	-121.938	36.436	0.81	2.5/250	9:58	S	SRB	-13	-25	12.6	0.76
1993	1	4	Common dolphin	DD	NA	large group headed N (match to SRB 10:03 sighting)	3	1			2.22	0.6/NA	10:01	N	JCC	-13	-25	12.6	0.76
1993	1	4	Common dolphin	DD	700	northbound, seen earlier heading S at 227 deg, 0.2 rets, at 8:48 (match to JCC 10:01 sighting)	3	1	-121.965	36.418	2.47	0.5/237	10:03	S	SRB	-13	-25	12.6	0.76
1993	1	25	Unident. dolphin	UD	75-100	same group as at 10:04 (see big eye sightings for 10:04)	3	2	-121.951	36.427	1.59	1.0/240	7:50	S	JJB	-29	-25	13.5	0.76
1993	1	25	Unident. dolphin	UD	75-100	headed N (match to 10:04 big eye and 10:07 DPD sighting)	3	2	-121.949	36.428	1.48	1.1/241	10:04	S	JJB	-29	-25	13.5	0.76
1993	1	25	Common dolphin	DD	NA	comment in string with ER sighting stating common dolphin school near (match to 10:04 BE sighting)	3	2	-121.936	36.435	0.76	2.6/243	10:11	N	DPD	-29	-25	13.5	0.76
1993	1	25	Common dolphin	DD	NA	large school headed S	4	2	-121.95	36.433	1.39	1.2/251	10:50	S	JCC	-29	-25	13.5	0.76
1993	1	27	Risso's dolphin	GG	NA	confirmed in big eyes at 2.0 rets	3	2	-121.967	36.42	2.47	0.5/241	9:39	S	DPD	-10	-25	13.4	0.76
1993	1	27	Common dolphin	DD	NA	large school	3	2			NA	NA	10:35	S	TDF	-10	-25	13.4	0.76
1993	1	29	Risso's dolphin	GG	8		3	4	-121.936	36.439	0.67	3.0/262	11:18	S	TDF	3	-25	13.9	0.76
1993	1	30	Harbor porpoise	PP	5		3	2	-121.934	36.435	0.67	3.0/240	12:44	S	DPD	-27	-25	13.8	0.76
1993	1	30	Unident. dolphin	UD	1000	northbound	3	2	-121.967	36.42	2.47	0.5/241	16:14	S	JCC	-27	-25	13.8	0.76
1993	1	31	Unident. dolphin	UD	50-100	color like TT, large dorsal angled back, leaping	2	2	-121.967	36.42	2.47	0.5/240	11:10	S	JCC	-13	-25	13.5	0.76
1993	1	31	Common dolphin	DD	45	moving through search area	3	1	-121.951	36.427	1.59	1.0/240	16:48	S	TDF	-13	-25	13.5	0.76
1993	2	6	Risso's dolphin	GG	50	southbound (match to DPD 12:33 sighting)	3	2	-121.956	36.425	1.85	0.8/241	12:15	S	JCC	-26	-44	14.4	1.02
1993	2	6	Risso's dolphin	GG	50	southbound (match to JCC 12:15 sighting)	3	2			NA	NR/220	12:33	N	DPD	-26	-44	14.4	1.02
1993	12	17	Unident. dolphin	UD	100	southbound	3	2	-121.97	36.454	2.47	0.5/290	8:35	S	JCC	-48	-7	13	0.74
1993	12	17	Unident. dolphin	UD	200	headed S, probably Delphinus (DD)	3	2			2.78	0.4/NA	13:34	S	JAL	-48	-7	13	0.74
1993	12	18	Pacific white-sided dolphin	LO	300	southbound	3	2	-121.961	36.44	1.85	0.8/270	12:50	S	JCC	-72	-7	13.2	0.74
1993	12	20	Unident. dolphin	UD	300	headed SE, probably LO/LB	2	2	-122.023	36.44	4.88	0.1/270	9:41	S	RPA	-21	-7	13.3	0.74
1993	12	20	Unident. dolphin	UD	50-100	southbound (match to JAL 11:22 sighting)	2	2	-121.98	36.434	2.78	0.4/262	11:02	N	JCC	-21	-7	13.3	0.74
1993	12	20	Unident. dolphin	UD	100	southbound (match to JCC 11:02 sighting)	2	2	-121.955	36.409	2.47	0.5/220	11:22	S	JAL	-21	-7	13.3	0.74
1993	12	24	Unident. dolphin	UD	150	probably DD covered 10 degrees from 235-245 headed S	3	2	-121.956	36.425	1.85	0.8/240	11:01	S	JAL	-97	-7	13.5	0.74

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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
1993	12	25	Unident. dolphin	UD	100- 200	northbound	3	2	-121.961	36.413	2.47	0.5/229	9:20	S	JCC	-18	-7	13.7	0.74
1993	12	25	Humpback whale	MN	2	saw 6 surfacings, milling	4	1	-121.989	36.442	3.21	0.3/272	16:27	S	JAL	-18	-7	13.7	0.74
1993	12	26	Unident. whale	UW	1	probably BA, headed S	4	2	-121.928	36.439	0.28	8.0/255	16:09	S	RPA	-5	-7	13.8	0.74
1993	12	27	Unident. dolphin	UD	10	PD? DD? (match to JCC 13:35 sighting)	3	2			0.94	2.0/NA	13:31	N	RPA	3	-7	14.1	0.74
1993	12	27	Unident. dolphin	UD	10-20	(match to RPA 13:31 sighting)	2	1	-121.939	36.432	0.94	2.0/240	13:35	S	JCC	3	-7	14.1	0.74
1993	12	28	Unident. dolphin	UD	12	possible LO, were seen surfacing directly in front of and simultaneously with 1 of 3 ER, ER moved rapidly, fluked but did not dive, and twisted some but did not deviate from southbound course (match to JCC 7:36 sighting)	3	1	-121.955	36.445	1.59	1.0/281	7:34	S	RPA	2	-7	13.9	0.74
1993	12	28	Unident. dolphin	UD	NA	splashing around 3 ER (match to RPA 7:34 sighting)	3	1	-121.953	36.441	1.48	1.1/272	7:36	N	JCC	2	-7	13.9	0.74
1993	12	28	Unident. dolphin	UD	NA	school trailing behind pleasure boat	2	3	-121.948	36.391	3.21	0.3/283	14:17	S	LRG	2	-7	13.9	0.74
1993	12	29	Common dolphin	DD	300- 500	southbound	3	2	-121.96	36.436	1.85	0.8/262	9:41	S	JCC	-13	-7	13.6	0.74
1993	12	31	Unident. dolphin	UD	NA	school, bicolor, DD or LO (match to MEG 8:20 sighting)	4	2			2.47	0.5/NA	8:18	N	RPA	4	-7	13.6	0.74
1993	12	31	Unident. dolphin	UD	NA	northbound school (match to RPA 8:18 sighting)	3	2			2.47	0.5/NA	8:20	S	MEG	4	-7	13.6	0.74
1994	1	1	Unident. dolphin	UD	NA	little black bodies, serious hang time	1	2	-121.973	36.438	2.47	0.5/267	8:40	S	RPA	3	-8	13.6	0.56
1994	1	1	Unident. dolphin	UD	NA	school covered one degree 270-271	3	5	-121.974	36.44	2.47	0.5/270	14:57	S	LRG	3	-8	13.6	0.56
1994	1	2	Pacific white- sided dolphin	LO	NA	southbound school leaping (not seen by S shed)	3	2	-121.97	36.414	2.78	0.4/235	13:56	N	LRG	-1	-8	13.2	0.56
1994	1	4	Unident. dolphin	UD	5-10	surfaced during linkage test right behind pod of 5 ER being tracked, lost before id could be made (not seen by S shed)	4	2	-121.933	36.425	1.02	1.8/209	15:07	N	DJR	32	-8	13.2	0.56
1994	1	6	Unident. dolphin	UD	500	possibly DD or LO (reported in record as seen by RCH)	1	3			NA	NR/280	11:21	S	DJR	29	-8	12.3	0.56
1994	1	7	Common dolphin	DD	2000	northbound	2	1	-121.967	36.42	2.47	0.5/241	8:37	S	LRG	-26	-8	12.6	0.56
1994	1	7	Risso's dolphin	GG	NA	school, tall dark dorsals, ID confirmed by aerial team	3	2			3.84	0.2/NA	8:47	S	LRG	-26	-8	12.6	0.56
1994	1	8	Unident. dolphin	UD	50-100	GG? Southbound (match to RCH 8:52 sighting)	2	2	-121.965	36.418	2.47	0.5/235-240	8:46	N	JAL	16	-8	13.4	0.56
1994	1	8	Unident. dolphin	UD	NA	GG? Southbound, tall dorsal (match to JAL 8:46 sighting)	2	1	-121.963	36.415	2.47	NR/232	8:52	S	RCH	16	-8	13.4	0.56
1994	1	8	Risso's dolphin	GG	10	southbound (match to RCH 9:04 sighting)	2	2	-121.951	36.436	1.39	1.2/259	8:54	N	JAL	16	-8	13.4	0.56
1994	1	8	Unident. dolphin	UD	10	tall dorsal headed S (match to JAL 8:54 GG sighting)	2	1	-121.945	36.428	1.31	1.3/236	9:04	S	RCH	16	-8	13.4	0.56
1994	1	9	Risso's dolphin	GG	200	(seen by W. Perryman and reported to S shed observer)	3	2			3.84	0.2/NA	8:28	S	DJR	71	-8	12.6	0.56

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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
1994	1	11	Unident. dolphin	UD	NA	northbound group (also seen in big eyes at same time and identified as DD)	3	4	-121.967	36.42	2.47	0.5/235-243	11:22	S	JAL	19	-8	12.3	0.56
1994	1	12	Unident. dolphin	UD	2	PP? seen near rock close to shore (not seen by N shed)	2	2	-121.925	36.439	0.11	NR/241	11:40	S	RCH	-16	-8	12.4	0.56
1994	1	13	Unident. dolphin	UD	3	very small blows, no bodies seen, not ER	3	1	-121.943	36.437	1.02	1.8/259	7:42	S	MEG	-19	-8	13.1	0.56
1994	1	13	Killer whale	OO	2	northbound	3	1	-121.971	36.428	2.47	0.5/252	7:46	S	MEG	-19	-8	13.1	0.56
1994	1	13	Killer whale	OO	5	northbound, confirmed at 1.2 rets in big eyes	3	1	-121.982	36.418	3.16	NR/245	7:59	S	MEG	-19	-8	13.1	0.56
1994	1	13	Unident. dolphin	UD	4-5	TT? 10 ft off rocks, large size, falcate dorsal, stumpy beak (match to DJR 13:35 sighting)	4	2	-121.924	36.439	0.09	NR/235	13:35	S	JAL	-19	-8	13.1	0.56
1994	1	13	Unident. dolphin	UD	4	nearly on the rocks headed N (match to JAL 13:35 sighting)	4	1	-121.924	36.439	0.09	NR/235	13:35	N	DJR	-19	-8	13.1	0.56
1994	1	13	Unident. dolphin	UD	20	GG? Headed N (match to DJR 14:10 sighting)	4	2	-121.937	36.435	0.78	2.5/247	14:10	S	JAL	-19	-8	13.1	0.56
1994	1	13	Unident. dolphin	UD	6	northbound (match to JAL 14:10 sighting)	3	2	-121.937	36.435	0.78	2.5/244	14:10	N	DJR	-19	-8	13.1	0.56
1994	1	14	Unident. dolphin	UD	2	triangular dorsal too big for PP headed N (not seen by S shed)	4	1	-121.941	36.435	0.94	2.0/250	8:28	N	RCH	-1	-8	13.5	0.56
1994	1	14	Common dolphin	DD	7-10	just ahead of ER pod (not seen by N shed)	4	1	-121.942	36.431	1.07	1.7/240	10:42	S	JAL	-1	-8	13.5	0.56
1994	1	14	Unident. whale	UW	1		4	1	-121.98	36.44	2.79	0.4/270	16:02	S	LRG	-1	-8	13.5	0.56
1994	1	16	Common dolphin	DD	200- 300	ID confirmed in big eyes, southbound	3	2	-121.95	36.422	1.71	0.9/225-240	9:26	S	JAL	1	-8	13.3	0.56
1994	1	17	Unident. dolphin	UD	50-100	(not seen by S shed)	3	1	-121.972	36.43	2.47	0.5/256	9:57	N	JCC	-21	-8	13.3	0.56
1994	1	17	Common dolphin	DD	NA	large school headed N (match to JCC 10:14 UD sighting)	3	1	-121.972	36.43	2.47	0.5/255	10:14	S	MEG	-21	-8	13.3	0.56
1994	1	17	Unident. dolphin	UD	1500	northbound (match to MEG 10:14 DD sighting)	3	1	-121.973	36.432	2.47	0.5/259	10:14	N	JCC	-21	-8	13.3	0.56
1994	1	17	Risso's dolphin	GG	20-30	milling and harassing a pod of 3 ER until 10:55	2	1	-121.956	36.425	1.85	0.8/240	10:34	S	LRG	-21	-8	13.3	0.56
1994	1	18	Common dolphin	DD	NA	large school	3	1	-121.979	36.433	2.79	0.4/261	7:38	S	JCC	-10	-8	13.2	0.56
1994	1	18	Risso's dolphin	GG	NA	milling and harassing pod of 4 ER (not seen by N shed)	3	2	-121.955	36.44	1.59	1.0/270	15:43	S	LRG	-10	-8	13.2	0.56
1994	1	23	Unident. dolphin	UD	NA	GG? Porpoise? Leaping school	3	3	-121.971	36.416	2.79	0.4/238	12:54	S	JCC	-24	-8	13.8	0.56
1994	1	29	Common dolphin	DD	100- 200	northbound (not seen by N shed)	3	1	-121.964	36.434	2.02	0.7/260	9:04	S	JAL	11	-8	12.9	0.56
1994	1	29	Unident. dolphin	UD	NA	huge school covered 10 degrees headed S	3	2	-121.979	36.432	2.79	0.4/256-266	11:54	S	LRG	11	-8	12.9	0.56
1994	1	29	Common dolphin	DD	300+	southbound	2	2	-121.972	36.431	2.47	0.5/257	13:44	S	KWS	11	-8	12.9	0.56
1994	1	29	Unident. dolphin	UD	NA	lots	1	2	-121.98	36.435	2.79	0.4/253	15:01	S	KWS	11	-8	12.9	0.56
1994	1	31	Unident. dolphin	UD	NA	school (not seen by S shed)	4	2	-121.939	36.433	0.94	2.0/241	12:42	N	LRG	-130	-8	12.8	0.56
1994	2	5	Risso's dolphin	GG	15-20	milling, slowly moved south	4	1	-121.931	36.435	0.53	3.9/232	8:26	S	JAL	-85	-31	13.7	0.76

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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	17	Common dolphin	DD	300	southbound (match to JAL BE sighting of DD at 11:21)	2	2	-121.959	36.417	2.22	0.6/232	11:20	S	DJR	17	96	12.4	0.38
1995	1	18	Unident. dolphin	UD	150	leaping southbound	2	2			1.59	1.0/NA	9:40	S	MAD	-10	96	12	0.38
1995	1	18	Dall's porpoise	PD	8-10	ID confirmed by big eyes (BE), swimming with ER, rooster tailing	2	2	-121.949	36.431	1.39	1.2/246	12:33	S	JAL	-10	96	12	0.38
1995	1	21	Killer whale	OO	1		4	3	-121.941	36.429	1.12	1.6/232	15:27	S	RCH	-142	96	13.1	0.38
1995	12	17	Minke whale	BA	1		3	2	-121.932	36.432	0.68	3.0/225	13:12	S	JMW	-11	-1	13.1	0.21
1996	1	2	Unident. dolphin	UD	150-200	DD? Very active, coming high out of water headed N	2	3	-121.959	36.431	1.87	0.8/252	15:50	S	JAL	-10	6	13.2	0.12
1996	1	6	Unident. dolphin	UD	1	PD? Splashing near ER seen at 8:31 (not seen by S shed)	3	2	-121.953	36.436	1.48	1.1/260	8:35	N	JAL	1	6	12.9	0.12
1996	1	7	Minke whale	BA	1	southbound	4	1	-121.932	36.435	0.55	3.8/234	8:23	S	JAL	1	6	13.2	0.12
1996	1	10	Unident. dolphin	UD	NA	leaping school (not seen by S shed)	2	2	-121.973	36.437	2.46	0.5/265	16:04	N	LSB	24	6	13.7	0.12
1996	1	11	Unident. dolphin	UD	100+	covered 5 degrees (not seen by N shed)	4	2	-121.98	36.443	2.81	0.4/270-275	10:49	S	KWS	-64	6	14.2	0.12
1996	1	11	Unident. dolphin	UD	1	breaching (not seen by N shed)	2	2	-121.969	36.424	2.49	0.5/247	13:16	S	KWS	-64	6	14.2	0.12
1996	1	11	Unident. dolphin	UD	NA	splashing school (not seen by N shed)	1	2	-121.966	36.428	2.24	0.6/250	16:14	S	DJR	-64	6	14.2	0.12
1996	1	11	Unident. dolphin	UD	NA	large school (not seen by S shed)	3	2	-121.972	36.43	2.46	0.5/256	8:44	N	DPD	-64	6	14.2	0.12
1996	1	12	Unident. dolphin	UD	5	Tursiops? Within 10 meters of rocks headed N (not seen by N shed)	4	2	-121.924	36.439	0.08	NR/240	7:46	S	DJR	-17	6	13.5	0.12
1996	1	12	Unident. dolphin	UD	NA	school (not seen by S shed)	3	1	-121.949	36.415	2.01	0.7/220	8:20	N	KWS	-17	6	13.5	0.12
1996	1	12	Unident. dolphin	UD	300	approx. 300 common dolphins? Headed S (not seen by N shed)	4	2			1.61	1.0/NA	8:20	S	DJR	-17	6	13.5	0.12
1996	1	12	Bottlenose dolphin	TT	4-6	just off rocks headed N (not seen by S shed)	3	2	-121.924	36.44	0.08	NR/240	14:39	N	JAL	-17	6	13.5	0.12
1996	1	15	Unident. dolphin	UD	NA	school	3	2	-121.928	36.427	0.85	2.3/200	10:34	S	RCH	3	6	13.2	0.12
1996	1	20	Humpback whale	MN	1	northbound	3	3	-121.929	36.434	0.53	4.0/220	11:37	S	JMW	23	6	NA	0.12
1996	1	21	Unident. dolphin	UD	10-15	tentative ID as TT, in surf zone headed S	5	2	-121.924	36.439	0.11	NR/240	7:38	S	LSB	76	6	NA	0.12
1996	1	21	Unident. dolphin	UD	NA	small group with a pod of 2 ER headed S	5	2	-121.939	36.433	0.95	2.1/242	8:02	S	LSB	76	6	NA	0.12
1996	1	21	Unident. dolphin	UD	200+	northbound (match to 9:37 and 9:36 BE)	3	2	-121.968	36.421	2.49	0.5/242	9:41	S	LSB	76	6	NA	0.12
1996	1	24	Killer whale	OO	NA	southbound pod (not seen by S shed)	3	2	-121.951	36.44	1.41	1.2/270	10:05	N	LRG	51	6	11.8	0.12
1996	1	25	Unident. whale	UW	1	rorqual, probable MN, breached 2 times then surfaced with throat full (not seen by N shed)	4	5			NA	NA	10:49	S	RCH	134	6	11.5	0.12
1996	1	26	Unident. dolphin	UD	100+	pop splashes headed N (match to LSB 9:18 sighting)	2	2			2.81	0.4/NA	9:08	N	KWS	-3	6	11.1	0.12
1996	1	26	Unident. dolphin	UD	NA	school headed N (match to KWS 9:08 sighting)	4	2	-121.972	36.432	2.49	0.5/258	9:18	S	LSB	-3	6	11.1	0.12

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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	26	Unident. dolphin	UD	100+	covered 15 degrees headed S (match to KWS 10:12 sighting)	4	3	-121.97	36.426	2.49	0.5/240-255	10:09	S	LSB	-3	6	11.1	0.12
1996	1	26	Unident. dolphin	UD	NA	large group splashing (match to LSB 10:09 sighting)	3	2	-121.967	36.42	2.49	0.5/240	10:12	N	KWS	-3	6	11.1	0.12
1996	1	28	Killer whale	OO	1	male, maybe more?	2	3	-121.968	36.422	2.49	0.5/244	15:40	S	JMW	38	6	11.5	0.12
1996	2	1	Unident. dolphin	UD	8	GG? Large dorsal, fast travel and spray headed S	3	2	-121.944	36.42	1.61	1.0/220	11:23	S	JMW	43	-33	NA	1.51
1996	2	13	Unident. dolphin	UD	3	northbound (not entered into database, not seen by N shed)	3	2	-121.934	36.437	0.61	3.4/249	16:11	S	MAS	-9	-33	14.5	1.51
1996	2	14	Unident. dolphin	UD	50+	too much glare to id, northbound rooster tailing	2	2	-121.946	36.434	1.19	1.5/252	15:33	S	KWS	-5	-33	14.6	1.51
1997	1	11	Killer whale	OO	5	at least 1 adult male, seen again at 15:57 at 0.6 rets 272 deg (not seen by N shed)	3	2	-121.965	36.444	2.08	0.7/278	15:33	S	JAL	34	-8	NA	0.44
1997	1	14	Common dolphin	DD	150+	southbound (not seen by S shed)	4	4	-121.957	36.43	1.77	0.9/252	8:28	N	DJR	-214	-8	NA	0.44
1997	1	14	Unident. dolphin	UD	100+	LO? LB? (not seen by N shed)	4	3	-121.949	36.428	1.44	1.2/242	8:44	S	RCH	-214	-8	NA	0.44
1997	1	16	Risso's dolphin	GG	NA	drove pod of about 3-5 ER into kelp and split pod (match to PSH 11:35 sighting)	4	2	-121.945	36.438	1.11	1.7/265	11:26	N	CDV	-44	-8	13.6	0.44
1997	1	16	Risso's dolphin	GG	20	herding pod of 4 ER in NE direction, attack young ER? (match to CDV 11:26 sighting)	4	2	-121.944	36.441	1.06	1.8/274	11:35	S	PSH	-44	-8	13.6	0.44
1997	1	16	Risso's dolphin	GG	10-15	(not seen by N shed)	3	2	-121.946	36.428	1.36	1.3/238	13:10	S	PSH	-44	-8	13.6	0.44
1997	1	19	Bottlenose dolphin	TT	1	northbound, at least 1 just off rocks (not seen by N shed)	3	3	-121.924	36.439	0.12	NR/240	11:11	S	JAL	NA	-8	13.6	0.44
1997	1	20	Common dolphin	DD	100- 150	northbound, covered 232-235 degrees (not seen by N shed)	3	4	-121.941	36.429	1.11	1.7/234	12:36	S	LSB	NA	-8	13.6	0.44
1997	1	20	Pacific white- sided dolphin	LO	NA	large group (not in electronic record, not seen by S shed)	2	3	-121.952	36.425	1.65	1.0/239	12:37	N	CDV	NA	-8	13.6	0.44
1997	12	16	Unident. dolphin	UD	4	tentatively ID'd as PD	3	4	-121.927	36.434	0.41	5.5/211	11:57	S	MAS	1	-6	16.1	3.41
1997	12	17	Unident. dolphin	UD	NA	large school headed N (also seen by other observer during practice session at 7:52, ret 0.6, 275 deg, 100 dolphins)	3	2	-121.97	36.438	2.29	0.6/267	7:40	S	PSH	39	-6	16.1	3.41
1997	12	17	Bottlenose dolphin	TT	3	near shore	3	4	-121.925	36.437	0.19	NR/230	15:09	S	MAS	39	-6	16.1	3.41
1997	12	17	Common dolphin	DD	NA	school of unidentified Delphinus species	3	3	-121.954	36.43	1.64	1.0/250	15:31	S	MAS	39	-6	16.1	3.41
1997	12	18	Unident. dolphin	UD	NA	small school headed S (not seen by S shed)	4	4	-121.958	36.414	2.29	0.6/229	16:08	N	PSH	204	-6	16	3.41
1997	12	20	Unident. dolphin	UD	NA	very large northbound school	3	2	-121.987	36.421	3.31	0.3/247-254	8:25	S	LSB	67	-6	15.5	3.41
1997	12	21	Unident. dolphin	UD	3-4	(not seen by S shed)	4	4			0.61	3.5/NA	11:06	N	RPA	271	-6	15.5	3.41
1997	12	26	Unident. dolphin	UD	NA	large school headed S (not seen by S shed)	3	2	-121.969	36.399	3.32	0.3/222-225	10:39	N	LSB	-3	-6	15.5	3.41
1997	12	28	Common dolphin	DD	10	unidentified Delphinus species headed S (not seen by N shed)	3	2	-121.961	36.433	1.91	0.8/258	8:42	S	MAS	-7	-6	15.5	3.41

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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
1997	12	30	Unident. dolphin	UD	NA	northbound school (match to RPA 11:43 sighting)	4	2	-121.969	36.419	2.55	0.5/238-244	11:35	N	LSB	-19	-6	15.5	3.41
1997	12	30	Unident. dolphin	UD	NA	school (match to LSB 11:35 sighting)	2	2			2.87	0.4/NA	11:43	S	RPA	-19	-6	15.5	3.41
1997	12	30	Unident. dolphin	UD	50+		3	2			2.87	0.4/NA	12:31	S	RPA	-19	-6	15.5	3.41
1997	12	30	Unident. dolphin	UD	50-100	northbound	3	2	-121.958	36.426	1.91	0.8/240-250	15:22	S	LSB	-19	-6	15.5	3.41
1997	12	31	Unident. dolphin	UD	NA	group	2	2	-121.991	36.444	3.31	0.3/275	10:20	S	MAS	6	-6	15.5	3.41
1997	12	31	Unident. dolphin	UD	NA	dolphins	3	2	-121.973	36.428	2.55	0.5/253-255	10:32	S	LSB	6	-6	15.5	3.41
1997	12	31	Unident. dolphin	UD	NA	school	3	2	-121.972	36.426	2.55	0.5/250-253	16:11	S	RPA	6	-6	15.5	3.41
1998	1	2	Unident. dolphin	UD	NA	huge school covered 7 degrees headed S	4	5	-121.965	36.415	2.55	0.5/230-237	14:39	S	LSB	-9	-8	15.5	2.58
1998	1	3	Unident. dolphin	UD	15-20	TT? Uniform dark color headed S (not seen by S shed)	3	2	-121.925	36.438	0.17	14.0/242	8:15	N	LSB	-18	-8	15.5	2.58
1998	1	6	Killer whale	OO	7	southbound	3	2	-121.937	36.438	0.69	3.0/264	12:45	S	CDV	-16	-8	15.2	2.58
1998	1	8	Killer whale	OO	1	(not seen by S shed)	3	2	-121.97	36.422	2.55	0.5/245	11:39	N	RCH	-49	-8	15.3	2.58
1998	1	9	Killer whale	OO	1	southbound male (not seen by N shed)	5	5	-121.956	36.44	1.64	1.0/270	11:35	S	LSB	-110	-8	NA	2.58
1998	1	10	Killer whale	OO	1	(not seen by N shed)	4	4	-121.945	36.43	1.22	1.5/242	10:45	S	CDV	33	-8	NA	2.58
1998	1	16	Killer whale	OO	NA	pod (not seen by N shed)	3	3	-122.001	36.421	3.95	0.2/254	11:28	S	CDV	28	-8	NA	2.58
1998	1	23	Common dolphin	DD	NA	unidentified Delphinus species headed S (match to PSH 7:26 UD sighting)	4	2	-121.953	36.427	1.64	1.0/243	7:24	S	MAS	-3	-8	NA	2.58
1998	1	23	Unident. dolphin	UD	100-150	southbound (match to MAS 7:24 sighting)	4	2	-121.945	36.43	1.23	1.5/241	7:26	N	PSH	-3	-8	NA	2.58
1998	1	23	Common dolphin	DD	100	northbound (match to 7:38 BE sighting and MAS 7:39 sighting)	4	2	-121.941	36.434	0.98	2.0/250	7:39	N	PSH	-3	-8	NA	2.58
1998	1	23	Common dolphin	DD	NA	northbound (match to PSH 7:39 sighting)	4	2	-121.94	36.433	0.94	2.1/245	7:39	S	MAS	-3	-8	NA	2.58
1998	1	23	Unident. dolphin	UD	50-100	DD? (match to JMW 11:20 sighting)	3	2	-121.961	36.424	2.09	0.7/243	11:20	N	RCH	-3	-8	NA	2.58
1998	1	23	Unident. dolphin	UD	100+	southbound (match to RCH 11:20 sighting)	4	4	-121.955	36.422	1.91	0.8/237	11:20	S	JMW	-3	-8	NA	2.58
1998	1	23	Bottlenose dolphin	TT	1	northbound in surf line	4	4	-121.924	36.439	0.11	NR/240	12:42	S	JMW	-3	-8	NA	2.58
1998	1	29	Common dolphin	DD	NA	northbound school	4	5	-121.934	36.433	0.69	3.0/235	8:00	S	MAS	36	-8	NA	2.58
2000	12	13	Unident. dolphin	UD	NA	large school headed S	4	3	-121.934	36.433	0.69	3.0/233	12:24	N	KMN	-4	-3	12.4	0.42
2000	12	14	Unident. dolphin	UD	15-20	southbound	3	2			NA	NA	12:45	N	IML	13	-3	NA	0.42
2000	12	15	Humpback whale	MN	6	northbound, seen at 16:40 by IML still milling up near bearing 300	4	5	-121.956	36.441	1.64	1.0/273	13:29	N	DXB	94	-3	12	0.42
2000	12	17	Unident. whale	UW	2	southbound, lost after 3 cues	3	4	-121.991	36.438	3.31	0.3/268	15:31	N	DXB	34	-3	NA	0.42

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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
2000	12	17	Unident. whale	UW	4	2 cues	3	5	-121.986	36.42	3.31	0.3/249	16:16	N	DXB	34	-3	NA	0.42
2000	12	18	Unident. dolphin	UD	10	milling	3	1	-121.944	36.416	1.76	0.9/217	8:14	N	IML	-155	-3	13.2	0.42
2000	12	18	Unident. dolphin	UD	50	northbound	2	2	-121.984	36.415	3.32	0.3/244	10:15	N	IML	-155	-3	13.2	0.42
2000	12	19	Unident. dolphin	UD	200- 500	with feeding birds headed S	3	1	-121.948	36.415	1.91	0.8/210-230	10:32	N	KMN	-75	-3	13.2	0.42
2000	12	19	Unident. dolphin	UD	1	along kelp line headed S	3	1	-121.928	36.439	0.29	8.0/268	11:16	N	KMN	-75	-3	13.2	0.42
2000	12	19	Unident. dolphin	UD	20-30	southbound	3	1	-121.939	36.432	0.93	2.1/239	11:20	N	KMN	-75	-3	13.2	0.42
2000	12	21	Pacific white- sided dolphin	LO	50	northbound	3	2	-121.927	36.44	0.23	5.0-10.0/273	7:54	N	IML	1	-3	13.5	0.42
2000	12	21	Risso's dolphin	GG	80	seen at 8:10 at 223 deg 1.6 rets, headed N	2	2	-121.944	36.433	1.11	1.7/250	8:13	N	IML	1	-3	13.5	0.42
2000	12	21	Harbor porpoise	PP	4	near kelp bed headed S	2	2	-121.928	36.442	0.29	8.0/294	8:44	N	IML	1	-3	13.5	0.42
2000	12	21	Humpback whale	MN	1	headed S at 260 deg 2 rets large triangular shaped fin followed MN, great white shark?	4	2	-121.941	36.437	0.89	2.2/261	14:35	N	KMN	1	-3	13.5	0.42
2000	12	21	Humpback whale	MN	1	very elusive headed S didn't see blows, seen again at 272 deg 3 rets, then 252 deg 3.1 rets, then at 232 deg	4	2	-121.937	36.44	0.69	3.0/272	15:32	N	KMN	1	-3	13.5	0.42
2000	12	25	Unident. dolphin	UD	800- 1000	with feeding birds headed N	2	2	-121.96	36.423	2.07	0.3-0.7/238- 251	14:08	N	IML	-2	-3	NA	0.42
2000	12	27	Risso's dolphin	GG	10-20	southbound	2	1			NA	NA	15:26	N	KMN	-21	-3	14.4	0.42
2000	12	27	Risso's dolphin	GG	50-100	southbound	2	1	-121.947	36.443	1.22	1.5/279	15:42	N	KMN	-21	-3	14.4	0.42
2000	12	28	Unident. dolphin	UD	15-20	northbound	2	1			2.07	0.7/NA	8:51	N	DXB	-16	-3	12.8	0.42
2000	12	28	Unident. dolphin	UD	100	southbound	3	1			1.64	1.0/NA	10:12	N	DXB	-16	-3	12.8	0.42
2000	12	28	Unident. dolphin	UD	NA	northbound, could not estimate pod size	2	2	-121.979	36.425	2.86	0.4/251-253	14:42	N	IML	-16	-3	12.8	0.42
2000	12	28	Common dolphin	DD	500- 800	northbound	2	2	-121.943	36.431	1.11	1.7/240-245	15:15	N	IML	-16	-3	12.8	0.42
2000	12	29	Unident. dolphin	UD	NA	small dolphins/porpoises headed N (not seen by N shed)	4	2	-121.932	36.442	0.49	4.4/284	7:37	S	ASB	11	-3	NA	0.42
2000	12	29	Unident. dolphin	UD	NA	school (not seen by N shed)	3	2	-121.931	36.438	0.43	5.1/258	9:45	S	ASB	11	-3	NA	0.42
2000	12	29	Unident. dolphin	UD	800- 1000	lots of white water, northbound then went W (match to IML 12:48 sighting)	3	4	-121.971	36.401	3.31	0.3/222-229	12:46	S	LSB	11	-3	NA	0.42
2000	12	29	Unident. dolphin	UD	NA	never came closer, large school northbound then headed W (match to LSB 12:46 sighting)	3	3	-121.97	36.4	3.32	0.3/220-227	12:48	N	IML	11	-3	NA	0.42
2000	12	30	Unident. dolphin	UD	NA	small pod headed S	3	2	-121.999	36.461	3.95	0.2/289	8:01	S	IML	28	-3	NA	0.42
2001	1	3	Unident. dolphin	UD	300- 400	northbound (match to LSB 12:40 DD sighting)	3	3	-121.939	36.43	0.98	2.0/230-241	12:39	S	ASB	-26	-8	NA	0.4

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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	3	Common dolphin	DD	450-500	northbound (match to ASB 12:39 UD sighting)	2	4	-121.939	36.43	0.97	2.0/232-240	12:40	N	LSB	-26	-8	NA	0.4
2001	1	4	Unident. dolphin	UD	15	northbound	4	2			NA	NA	14:00	N	DXB	-41	-8	NA	0.4
2001	1	4	Unident. dolphin	UD	250	pod spanned about 10 degrees headed N (match to ASB BE sighting of DD at 8.8-9.8 rets)	4	2	-121.937	36.433	0.81	2.1-2.5/240-250	14:37	N	DXB	-41	-8	NA	0.4
2001	1	7	Unident. dolphin	UD	NA	northbound school (match to ASB 8:11 sighting in BE)	4	2	-121.972	36.426	2.54	0.5/249-254	8:10	N	LSB	-100	-8	NA	0.4
2001	1	8	Unident. dolphin	UD	3	saw dorsals, most likely OO (not seen by N shed)	4	2	-121.956	36.418	2.08	0.7/231	7:33	S	IML	181	-8	13.4	0.4
2001	1	9	Unident. dolphin	UD	1	PD? black/white headed N (not seen by N shed)	3	2	-121.934	36.435	0.66	3.2/243	8:51	S	ASB	17	-8	12.8	0.4
2001	1	18	Unident. dolphin	UD	150-200	large flock of birds with pod headed N (match to DJR 11:20 sighting)	3	3	-121.96	36.423	2.08	0.7/241	11:18	S	ASB	22	-8	12.5	0.4
2001	1	18	Unident. dolphin	UD	50	only dark bodies and splashes visible, flock of gulls following headed N (match to ASB 11:18 sighting)	3	4	-121.961	36.424	2.07	0.7/244	11:20	N	DJR	22	-8	12.5	0.4
2001	1	20	Risso's dolphin	GG	50-100	southbound	4	2	-121.961	36.435	1.91	0.8/261	9:57	N	IML	-32	-8	NA	0.4
2001	1	20	Risso's dolphin	GG	50	scattered group headed S (match to ASB BE sighting)	4	2	-121.958	36.425	1.91	0.8/242-245	10:13	N	IML	-32	-8	NA	0.4
2001	1	20	Risso's dolphin	GG	50	southbound (match to ASB BE sighting)	4	2	-121.958	36.427	1.91	0.8/246	10:24	N	IML	-32	-8	NA	0.4
2001	1	20	Unident. dolphin	UD	NA	pod spans 5 degrees headed S (match to ASB BE sighting of DD)	4	2	-121.948	36.428	1.44	1.2/240-245	12:36	S	DXB	-32	-8	NA	0.4
2001	1	25	Unident. dolphin	UD	20+	southbound (not seen by S shed)	4	2	-121.936	36.433	0.78	2.6/240	7:52	N	ASB	-17	-8	NA	0.4
2001	1	25	Common dolphin	DD	200	northbound (not seen by S shed)	5	4	-121.94	36.432	0.97	2.0/243	9:53	N	ASB	-17	-8	NA	0.4
2001	1	28	Unident. dolphin	UD	NA	southbound school (not seen by S shed)	3	2	-121.952	36.426	1.64	1.0/240	8:57	N	JXL	4	-8	NA	0.4
2001	1	28	Unident. dolphin	UD	NA	northbound school (not seen by S shed)	3	2	-121.965	36.415	2.54	0.5/235	9:13	N	JXL	4	-8	NA	0.4
2001	1	28	Unident. dolphin	UD	150+	seen at 9:16 at 241 deg, DD? Headed N (not seen by N shed)	3	2	-121.941	36.428	1.16	1.6/233	9:13	S	ASB	4	-8	NA	0.4
2001	1	28	Risso's dolphin	GG	12-20	seen at 9:31 at 241 deg, headed S (not seen by N shed)	3	2	-121.949	36.434	1.36	1.3/255	9:29	S	ASB	4	-8	NA	0.4
2001	1	28	Unident. dolphin	UD	NA	southbound school (not seen by S shed)	3	2	-121.939	36.424	1.22	1.5/220	9:35	N	JXL	4	-8	NA	0.4
2001	1	28	Risso's dolphin	GG	15	northbound (not seen by N shed)	3	2			0.69	3.0/NA	10:49	S	CDV	4	-8	NA	0.4
2001	1	28	Risso's dolphin	GG	6	northbound interacting with ER, ER rolling, remained at 268 deg chasing ER from 0.5 to 1.5 rets (not seen by N shed)	3	2	-121.952	36.423	1.77	0.9/235	11:06	S	CDV	4	-8	NA	0.4
2001	1	28	Risso's dolphin	GG	50-100	slow traveling northeast, very hard to see, little surface activity (not seen by S shed)	3	2	-121.944	36.438	1.01	1.8/266	11:26	N	IML	4	-8	NA	0.4
2001	1	28	Unident. dolphin	UD	NA	school headed SE (not seen by S shed)	4	2	-121.958	36.427	1.91	0.8/246	12:28	N	IML	4	-8	NA	0.4
2001	1	28	Unident. dolphin	UD	NA	school fast traveling NE (not seen by S shed)	4	2	-121.974	36.433	2.54	0.5/261	12:35	N	IML	4	-8	NA	0.4
2001	1	30	Unident. dolphin	UD	3-4+	headed SW (not seen by S shed)	4	2	-121.93	36.437	0.41	5.5/248	8:17	N	KWS	30	-8	12.1	0.4

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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	2	1	Common dolphin	DD	1500-2000	headed N with birds (match to LSB 15:37 DD sighting)	4	2	-121.961	36.435	1.91	0.8/262	15:34	N	KMN	6	-35	12.6	-0.49
2001	2	1	Common dolphin	DD	1500-2000	with lots of birds, moving S then N, seen again at 241-245 deg heading S at 15:56 (match to KMN 15:34 sighting)	3	2	-121.962	36.44	1.91	0.8/263-277	15:37	S	LSB	6	-35	12.6	-0.49
2001	2	2	Unident. dolphin	UD	5	slow rolling, not GG, headed S (not seen by S shed)	3	3	-121.924	36.438	0.12	20.0/235	8:32	N	ASB	14	-35	NA	-0.49
2001	2	2	Unident. dolphin	UD	2	in foam line, looked like TT headed S (not seen by S shed)	4	4	-121.924	36.438	0.13	18.0/215	12:51	N	KWS	14	-35	NA	-0.49
2001	2	7	Unident. dolphin	UD	600-800	probably DD, headed N then milling at 12:38 (not seen by S shed)	4	5	-121.959	36.429	1.91	0.8/248-252	12:31	N	LSB	360	-35	11.4	-0.49
2001	2	8	Unident. dolphin	UD	NA	probably DD, school headed N (match to ASB 10:15 sighting)	3	4	-121.965	36.415	2.54	0.5/232-236	10:15	N	LSB	79	-35	9.9	-0.49
2001	2	8	Unident. dolphin	UD	2-300	seen at 10:19 at 241 deg, O.5 rets, associated with birds headed N (match to LSB 10:15 sighting)	3	3	-121.971	36.412	2.87	0.4/235	10:15	S	ASB	79	-35	9.9	-0.49
2001	2	9	Unident. dolphin	UD	NA	school (not seen by S shed)	5	5			0.19	12.0/NA	9:23	N	JXL	-24	-35	NA	-0.49
2001	2	9	Unident. dolphin	UD	1	southbound (not seen by N shed)	5	5	-121.925	36.438	0.13	18.0/235	11:33	S	KWS	-24	-35	NA	-0.49
2001	2	13	Killer whale	OO	3	seen 3 times headed S	4	3	-121.954	36.431	1.64	1.0/251	11:20	N	JXL	43	-35	NA	-0.49
2001	2	16	Common dolphin	DD	200-300	with huge flock of gulls	5	6	-121.935	36.442	0.61	3.5/280-285	14:06	N	IML	-201	-35	NA	-0.49
2001	2	18	Unident. dolphin	UD	NA	school	4	3			1.28	1.4/NA	8:23	N	JXL	-146	-35	NA	-0.49
2001	2	18	Killer whale	OO	1		3	3			1.22	1.5/NA	9:59	N	JXL	-146	-35	NA	-0.49
2001	2	25	Dall's porpoise	PD	1		4	3	-121.954	36.44	1.53	1.1/270	8:08	N	CDV	-37	-35	NA	-0.49
2001	2	25	Killer whale	OO	2	male with juvenile/female heading straight for northbound ER pod (in comment space of ER sighting)	3	3	-121.944	36.419	1.64	1.0/220	10:53	N	IML	-37	-35	NA	-0.49
2001	3	1	Unident. whale	UW	1	saw a little dorsal but long cetacean going S, very dark body, possibly BA (not seen by S shed)	3	2	-121.946	36.42	1.64	1.0/224	11:23	N	IML	1		12.6	
2001	3	1	Unident. dolphin	UD	10	possibly LO, seen again at 273 deg, 0.8 rets, at 13:03	4	3	-121.96	36.431	1.91	0.8/254	12:59	N	IML	1		12.6	
2001	3	2	Unident. dolphin	UD	100-200	small pod headed N	4	4	-121.938	36.429	0.97	2.0/230	9:42	N	KMN	50		12.4	
2001	3	5	Bottlenose dolphin	TT	5	inside kelp headed S, all gray, not LO or DD, TT?	4	2	-121.924	36.439	0.11	NR/240	9:03	N	KMN	-104		NA	
2001	3	5	Bottlenose dolphin	TT	1	with 2-3 California sea lions headed S	4	2	-121.924	36.439	0.11	NR/240	10:02	N	KMN	-104		NA	
2001	12	13	Unident. dolphin	UD	20	splashes, bodies not seen	4	4	-121.951	36.446	1.44	1.2/285	10:27	S	DJR	17	0	11.8	-0.26
2001	12	13	Bottlenose dolphin	TT	3	northbound	3	4	-121.936	36.439	0.67	3.1/266	10:37	N	MLS	17	0	11.8	-0.26
2001	12	15	Unident. dolphin	UD	NA	feeding frenzy: birds, California sea lions and possibly dolphins	3	4	-121.939	36.416	1.64	1.0/210	10:19	N	IML	74	0	NA	-0.26
2001	12	16	Unident. dolphin	UD	400-800	southbound	3	2	-121.985	36.461	3.32	0.3/290-295	14:38	N	IML	-7	0	NA	-0.26
2001	12	16	Bottlenose dolphin	TT	7	southbound	4	2	-121.924	36.439	0.08	NR/256	15:26	N	IML	-7	0	NA	-0.26
2001	12	16	Unident. dolphin	UD	pod	pod headed S, possibly orcas (OO)	4	2	-121.977	36.459	2.86	0.4/294	15:33	N	IML	-7	0	NA	-0.26

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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	12	16	Unident. dolphin	UD	100	southbound	4	2	-121.952	36.427	1.64	1.0/242	16:31	N	IML	-7	0	NA	-0.26
2001	12	17	Unident. dolphin	UD	200+	dark bodies leaping, dorsal fins headed S, common? (DD)	5	1	-121.946	36.424	1.44	1.2/231	7:22	N	SLR	443	0	NA	-0.26
2001	12	17	Unident. whale	UW	1	definite blow of large whale	4	2	-121.956	36.445	1.64	1.0/281	8:38	N	SLR	443	0	NA	-0.26
2001	12	17	Unident. dolphin	UD	200	grayish, "common-like", northbound leaping, same pod as earlier? (DD)	3	2	-121.935	36.435	0.69	3.0/244	9:27	N	SLR	443	0	NA	-0.26
2001	12	17	Unident. dolphin	UD	200	southbound commons? (DD)	4	3	-121.95	36.427	1.53	1.1/240	10:42	N	JKC	443	0	NA	-0.26
2001	12	19	Unident. dolphin	UD	150	leaping dolphins, commons? (DD)	4	2	-121.956	36.442	1.64	1.0/275	8:27	N	SLR	-51	0	NA	-0.26
2001	12	19	Bottlenose dolphin	TT	15	with 1-2 possible calves, first seen heading N at 9:19, heading S	4	2	-121.928	36.435	0.37	6.0/227	9:36	N	SLR	-51	0	NA	-0.26
2001	12	19	Unident. dolphin	UD	800- 1000	northbound	3	4	-121.96	36.422	2.07	0.7/240	11:51	N	IML	-51	0	NA	-0.26
2001	12	23	Unident. whale	UW	2	tall, columnar blows, never saw them S of 284 deg	3	3	-121.968	36.449	2.28	0.6/284	10:27	N	IML	15	0	NA	-0.26
2001	12	27	Risso's dolphin	GG	50	southbound	4	2	-121.94	36.431	0.97	2.0/240	8:10	N	KMN	-66	0	NA	-0.26
2001	12	31	Unident. dolphin	UD	3	southbound	4	1	-121.923	36.437	0.17	14.0/195	7:57	N	SLR	-30	0	NA	-0.26
2002	1	2	Unident. whale	UW	1	possible ER	5	3	-121.941	36.446	0.97	2.0/292	13:34	N	SLR	-49	32	NA	-1.53
2002	1	2	Unident. whale	UW	1	possible ER	4	2	-121.97	36.458	2.54	0.5/295	14:57	N	SLR	-49	32	NA	-1.53
2002	1	6	Unident. dolphin	UD	100	also seen in BE at 2.5 rets southbound	3	2	-121.96	36.43	1.91	0.8/253	12:30	N	BLV	-26	32	NA	-1.53
2002	1	6	Unident. whale	UW	1	possible ER (not seen by S shed)	4	2	-121.951	36.447	1.44	1.2/289	8:40	N	IML	-26	32	NA	-1.53
2002	1	17	Common dolphin	DD	1000	northbound (match to big eyes 8:40 sighting)	3	2	-121.944	36.43	1.16	1.6/242	8:44	N	NAF	94	32	NA	-1.53
2002	1	24	Bottlenose dolphin	TT	1	northbound (match to KWS 7:57 sighting)	4	2	-121.925	36.439	0.12	20.0/250	7:57	S	RCH	5	32	11.9	-1.53
2002	1	24	Bottlenose dolphin	TT	4	southbound (match to RCH 7:57 sighting)	3	2	-121.925	36.438	0.13	18.0/240	7:57	N	KWS	5	32	11.9	-1.53
2002	1	24	Bottlenose dolphin	TT	3	southbound (not seen by S shed)	2	2	-121.924	36.439	0.07	NR/240	8:56	N	KWS	5	32	11.9	-1.53
2002	1	24	Bottlenose dolphin	TT	2	accompanied by a sea otter (not seen by N shed)	4	2	-121.924	36.439	0.09	24.0/230	10:12	S	RCH	5	32	11.9	-1.53
2002	1	24	Unident. dolphin	UD	100- 1000+	possibly GG with LO headed N (match to MLS 12:32 sighting and GG sighting in BE at 2.5 rets)	3	2	-121.978	36.423	2.87	0.4/250	12:27	S	RCH	5	32	11.9	-1.53
2002	1	24	Unident. dolphin	UD	100	northbound (match to RCH 12:27 sighting and GG sighting in BE at 2.5 rets)	3	2	-121.987	36.421	3.31	0.3/250	12:32	N	MLS	5	32	11.9	-1.53
2002	1	25	Bottlenose dolphin	TT	1	(not seen by N shed)	3	3	-121.926	36.439	0.17	14.0/260	15:08	S	RCH	7	32	11.4	-1.53
2002	1	26	Bottlenose dolphin	TT	6	southbound (not seen by N shed)	4	3	-121.925	36.439	0.13	18.0/240	11:02	S	RCH	38	32	NA	-1.53
2002	2	6	Unident. dolphin	UD	200+	dark, small cetaceans with dorsals headed S (not seen by S shed)	2	2	-121.954	36.431	1.64	1.0/251	12:24	N	SLR	-1	-17	12.1	0.03

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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
2002	2	7	Bottlenose dolphin	TT	4-5	1 calf, travelling N along rocks (not seen by S shed)	4	3	-121.924	36.439	0.11	NR/240	10:29	N	KMN	0	-17	NA	0.03
2002	2	18	Unident. whale	UW	2	1 cue headed N	2	2	-121.971	36.401	3.31	0.3/225	14:23	N	BLV	14	-17	NA	0.03
2002	2	27	Bottlenose dolphin	TT	1	northbound	4	2	-121.924	36.439	0.09	25.0/241	7:36	N	SLR	3	-17	12.6	0.03
2002	3	4	Unident. whale	UW	1	"very tall, >1ret, thin blow, very large whale headed S, blue whale? (BM)	3	3	-121.942	36.435	1.01	1.9/253	15:55	N	JKC	10		13.6	
2006	12	14	Risso's dolphin	GG	20-30	southbound	4	4	-121.947	36.444	1.22	1.5/283	8:28	S	IML	62	48	NA	0.19
2006	12	19	Unident. dolphin	UD	1	southbound	3	2	-121.925	36.438	0.15	16.0/230	10:35	S	SLM	27	48	12.2	0.19
2006	12	19	Bottlenose dolphin	TT	10-30	~10-30 TT going N, at 1353 going SE B=237, R=1.8	2	2	-121.941	36.43	1.08	1.9/234	13:46	S	IML	27	48	12.2	0.19
2006	12	19	Bottlenose dolphin	TT	10-20	northbound, at 14:41:59 257 deg, 2.3 rets	3	2	-121.94	36.433	0.97	2.1/245	14:37	S	IML	27	48	12.2	0.19
2006	12	20	Risso's dolphin	GG	50-100	traveling SW	3	2	-121.981	36.446	2.47	0.4/278	9:39	S	IML	5	48	13	0.19
2006	12	20	Bottlenose dolphin	TT	2	heading S, 230 deg 20 rets estimated	4	2	-121.924	36.439	0.12	20/230	11:55	S	SLR	5	48	13	0.19
2006	12	20	Bottlenose dolphin	TT	10	heading S, 19 rets estimated	4	2	-121.925	36.439	0.12	19/245	11:57	S	SLR	5	48	13	0.19
2006	12	20	Unident. dolphin	UD	3	just some dolphins headed N	3	2			0.78	2.5/264	14:16	S	SDN	5	48	13	0.19
2006	12	21	Risso's dolphin	GG	20-30	heading S, 267 degs, 4.5 rets, 10:50:29 239 degs, 5.0 rets	5	2	-121.93	36.436	0.44	4.5/267	10:46	S	IML	45	48	NA	0.19
2006	12	24	Unident. dolphin	UD	NA	small group of dolphins close in	3	2			NA	NA	11:43	S	SDN	1	48	NA	0.19
2006	12	25	Common dolphin	DD	150	looked like DD with ER cow/calf, see back of form	4	2	-121.941	36.433	0.98	2.0/248	11:36	S	SLR	-5	48	NA	0.19
2006	12	25	Humpback whale	MN	1	milling MN going W, S, and N, see back of data sheet	4	2	-121.934	36.436	0.62	3.4/250	13:44	S	IML	-5	48	NA	0.19
2006	12	25	Unident. dolphin	UD	20-50	~20-50 UD going S, tail lob, breach, head slap	4	2	-121.929	36.432	0.53	3.8/215	14:01	S	IML	-5	48	NA	0.19
2006	12	26	Unident. dolphin	UD	2	1-2 Uds southbound, possibly TT	5	7	-121.93	36.437	0.38	5.8/250	14:50	S	SLR	9	48	NA	0.19
2006	12	28	Bottlenose dolphin	TT	2-4	2-4 TT in surf	2	3	-121.924	36.439	0.11	28/233	12:09	S	SLR	220	48	11.2	0.19
2006	12	31	Pacific white-sided dolphin	LO	1	northbound	4	3	-121.927	36.438	0.24	10.0/242	8:49	S	CDV	86	48	NA	0.19
2007	1	13	Unident. dolphin	UD	5	GG? (not seen by S shed)	2	2	-121.949	36.422	1.77	1.0/231	9:55	N	DJR	64	108	NA	-0.66
2007	1	13	Unident. dolphin	UD	NA	school, head slapping	2	3	-121.975	36.442	2.45	0.5/273	10:06	S	IML	64	108	NA	-0.66
2007	1	13	Unident. dolphin	UD	NA	school headed S	2	3	-121.954	36.43	1.64	1.0/250	10:14	S	IML	64	108	NA	-0.66
2007	1	13	Risso's dolphin	GG	20	headed S fast (not seen by S shed)	2	2	-121.952	36.426	1.64	1.0/241	10:16	N	DJR	64	108	NA	-0.66

Year	Mo.	Day	Common name	ID code	Group size	Comments	Visi- bility	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
2007	1	13	Risso's dolphin	GG	25-50	headed S, fast travel	2	3	-121.941	36.446	0.94	2.0/292	10:25	S	IML	64	108	NA	-0.66
2007	1	13	Risso's dolphin	GG	15	third group headed S (not seen by S shed)	2	2	-121.935	36.434	0.69	3.0/241	10:30	N	DJR	64	108	NA	-0.66
2007	1	18	Unident. dolphin	UD	NA	large school with birds headed S (not seen by S shed)	2	3	-121.969	36.42	2.54	0.5/243	11:47	N	KWS	79	108	11.9	-0.66
2007	1	18	Unident. dolphin	UD	NA	large group headed N (not seen by S shed)	3	4	-121.958	36.434	1.77	0.9/260	12:27	N	KWS	79	108	11.9	-0.66
2007	1	19	Bottlenose dolphin	TT	7-8	northbound in surf line, at least one calf in group (not seen by S shed)	2	3	-121.924	36.439	0.11	NR/241	15:52	N	KWS	145	108	11.9	-0.66
2007	1	21	Unident. dolphin	UD	1-2	some type of dolphin species	4	3	-121.939	36.428	1.06	1.8/230	7:25	S	SLR	89	108	NA	-0.66
2007	1	22	Unident. dolphin	UD	5	leaping (not seen by S shed)	4	2	-121.94	36.43	1.06	1.8/236	10:00	N	RCH	37	108	12	-0.66
2007	1	22	Unident. dolphin	UD	1000	headed N, 14:34:38 at 0.5/242 (not seen by N shed)	3	2	-121.969	36.42	2.54	0.3/236	14:27	S	IML	37	108	12	-0.66
2007	1	22	Unident. dolphin	UD	NA	large group headed N (match to IML 14:37 sighting)	2	2	-121.968	36.418	2.54	0.5/240	14:32	N	KWS	37	108	12	-0.66
2007	1	22	Common dolphin	DD	1000	now heading SE (match to KWS 14:32 sighting)	3	2	-121.97	36.422	2.54	0.5/245	14:37	S	IML	37	108	12	-0.66
2007	1	24	Unident. dolphin	UD	NA	large group (not seen by N shed)	3	2			NA	NA	12:04	S	SDN	19	108	12.3	-0.66
2007	1	24	Risso's dolphin	GG	1000	southbound, breaching since 12:04, bearing 266 (not seen by S shed)	3	2	-121.944	36.43	1.23	1.5/241	12:15	N	KWS	19	108	12.3	-0.66
2007	1	28	Risso's dolphin	GG	100	traveling S from 270 - 242 from 1.0 - 4.0 rets	3	2	-121.932	36.435	0.55	4.0/242	11:00	S	CDV	-1	108	NA	-0.66
2007	1	28	Risso's dolphin	GG	100	milling	3	2	-121.945	36.43	1.23	1.5/242	11:11	S	CDV	-1	108	NA	-0.66
2007	1	28	Risso's dolphin	GG	NA	school, milling	3	2	-121.945	36.43	1.23	1.5/220	11:28	S	CDV	-1	108	NA	-0.66
2007	1	29	Risso's dolphin	GG	30-50	slowly traveling N (not seen by N shed)	4	2	-121.934	36.428	0.85	2.3/220	13:58	S	IML	8	108	12.6	-0.66
2007	1	29	Risso's dolphin	GG	100- 200	headed N (not seen by N shed)	4	2	-121.925	36.419	1.22	1.5/186	14:00	S	IML	8	108	12.6	-0.66
2007	1	29	Risso's dolphin	GG	200- 230	headed N, feeding, head slap (not seen by N shed)	4	2			NA	NA	14:11	S	IML	8	108	12.6	-0.66
2007	1	29	Humpback whale/ Risso's dolphin	MN/ GG	2	2 MN with school of GG northbound, possibly previous breacher, see notes on data sheet (not seen by N shed)	4	2	-121.972	36.426	2.54	0.5/252	14:35	S	IML	8	108	12.6	-0.66
2007	1	30	Bottlenose dolphin	TT	15-20	headed SE (not seen by N shed)	3	2	-121.938	36.443	0.81	2.5/285	9:40	S	SLM	53	108	12.4	-0.66
2007	2	9	Bottlenose dolphin	TT	7-10	bottlenose (tentative ID) headed S	5	4	-121.932	36.435	0.53	4.0/238	7:36	S	SLM	-19	43	NA	-0.18
2007	2	21	Unident. dolphin	UD	25-50	possibly LO, headed N	2	3	-121.944	36.438	1.01	1.8/265	10:45	S	IML	-12	43	11.1	-0.18