

<u>Species</u>	<u>Animal ID</u>	<u>error (km)</u>	<u>angle</u>	<u>lat error(km)</u>	<u>lon error (km)</u>	<u>GPS residual</u>	<u>ARGOS LC</u>
Galapagos sea lion	19	1.5373	138.1207	1.1446	-1.0263	15.6	0
Galapagos sea lion	19	5.4969	278.3526	-0.7985	5.4386	14.3	0
Galapagos sea lion	19	7.5565	60.2603	-3.7485	-6.5612	2	0
Galapagos sea lion	19	0.2392	166.7388	0.2328	-0.0549	12.5	3
Galapagos sea lion	19	36.6264	102.439	7.8882	-35.7667	1.1	B
Galapagos sea lion	19	1.2978	139.6045	0.9884	-0.841	13.3	1
Galapagos sea lion	19	0.3934	86.9352	-0.021	-0.3929	10.7	1
Galapagos sea lion	19	0.8524	304.9264	-0.488	0.6989	9.1	1
Galapagos sea lion	19	4.4369	278.9589	-0.691	4.3828	0.8	A
Galapagos sea lion	19	0.9654	277.0967	-0.1193	0.958	12.5	2
Galapagos sea lion	19	12.9292	32.9504	-10.8495	-7.0323	14.2	0
Galapagos sea lion	19	11.0073	139.2815	8.3426	-7.1805	1.7	0
Galapagos sea lion	19	1.1235	232.0088	0.6916	0.8854	7.7	2
Galapagos sea lion	19	15.299	59.4693	-7.7721	-13.1779	1.1	A
Galapagos sea lion	19	3.8785	212.6013	3.2674	2.0897	0.2	B
Galapagos sea lion	19	0.4658	169.0732	0.4574	-0.0883	0.3	0
Galapagos sea lion	19	0.3243	92.7073	0.0153	-0.324	27.8	1
Galapagos sea lion	19	1.1609	156.8905	1.0678	-0.4557	11	1
Galapagos sea lion	19	3.9713	268.8302	0.0811	3.9705	3	A
Galapagos sea lion	19	2.068	171.026	2.0427	-0.3226	14.3	0
Galapagos sea lion	19	0.3246	65.0464	-0.137	-0.2943	0.2	A
Galapagos sea lion	19	11.3076	192.6217	11.0343	2.4709	1.1	A
Galapagos sea lion	19	3.4516	132.4066	2.3277	-2.5486	12.4	1
Galapagos sea lion	19	9.2919	307.6987	-5.6821	7.3521	12.4	B
Galapagos sea lion	20	1.5554	16.119	-1.4942	-0.4318	12.7	0
Galapagos sea lion	20	3.9187	5.4427	-3.9011	-0.3717	4	0
Galapagos sea lion	20	0.5964	337.4112	-0.5506	0.2291	8.6	1
Galapagos sea lion	20	1.8454	327.9424	-1.564	0.9795	12.7	0
Galapagos sea lion	20	0.4564	93.7328	0.0297	-0.4554	3.8	3
Galapagos sea lion	20	0.3507	131.4262	0.232	-0.2629	9.6	2
Galapagos sea lion	20	0.4332	263.5381	0.0487	0.4304	15.8	0
Galapagos sea lion	20	1.0264	129.5388	0.6534	-0.7915	11.2	2
Galapagos sea lion	20	8.2972	288.729	-2.6642	7.8578	3.2	0
Galapagos sea lion	20	3.5998	250.8304	1.182	3.4002	23.2	1
Galapagos sea lion	20	5.4498	314.9505	-3.8502	3.8569	9.1	1
Galapagos sea lion	20	8.371	144.1996	6.7894	-4.8967	17.9	Z
Galapagos sea lion	20	5.4027	144.4811	4.3973	-3.1388	5.5	B
Galapagos sea lion	20	1.8155	259.9427	0.317	1.7876	18	1
Galapagos sea lion	20	4.3042	86.0041	-0.3	-4.2937	1.4	0
Galapagos sea lion	20	1.1969	106.3165	0.3363	-1.1487	2.6	1
Galapagos sea lion	20	4.0097	155.218	3.6405	-1.6807	0.2	B
Galapagos sea lion	20	1.2016	95.8915	0.1233	-1.1952	0.3	1
Galapagos sea lion	20	7.3306	148.6128	6.2579	-3.8179	28	0
Galapagos sea lion	20	0.93	62.9297	-0.4232	-0.8282	0.3	1
Galapagos sea lion	20	0.8446	107.3295	0.2516	-0.8062	0.7	1
Galapagos sea lion	20	0.0959	213.4318	0.08	0.0528	0.3	2
Galapagos sea lion	20	1.2568	20.9854	-1.1735	-0.4501	3.8	1
Galapagos sea lion	20	1.5053	151.9505	1.3285	-0.7078	0.7	2
Galapagos sea lion	20	3.707	52.0548	-2.2795	-2.9234	0.8	A
Galapagos sea lion	20	3.8117	0.3317	-3.8117	-0.0221	0.1	0
Galapagos sea lion	20	2.8206	129.5418	1.7957	-2.1752	0.2	0
Galapagos sea lion	20	6.6079	188.1308	6.5414	0.9346	6.9	0
Galapagos sea lion	20	2.2178	49.7444	-1.4331	-1.6926	1.5	A
Galapagos sea lion	21	4.3899	136.5898	3.189	-3.0168	12.7	0
Galapagos sea lion	21	1.8302	210.2895	1.5803	0.9231	27.1	B
Galapagos sea lion	21	0.2446	261.9908	0.0341	0.2422	2.4	1
Galapagos sea lion	21	1.2682	21.1073	-1.1832	-0.4567	10.4	A
Galapagos sea lion	21	0.2222	112.2364	0.0841	-0.2057	20	3
Galapagos sea lion	21	0.1293	42.7751	-0.0949	-0.0878	15.1	3
Galapagos sea lion	21	1.0283	260.5371	0.1691	1.0144	10.6	2
Galapagos sea lion	21	0.5411	70.3421	-0.182	-0.5096	15.5	1
Galapagos sea lion	21	0.134	338.6583	-0.1249	0.0488	4.9	1
Galapagos sea lion	21	0.2255	55.5576	-0.1276	-0.186	5.3	2
Galapagos sea lion	21	42.9403	260.0496	7.4178	42.2943	3.2	Z

Galapagos sea lion	21	91.6702	109.8368	31.1002	-86.2304	0.1	B
Galapagos sea lion	21	44.3046	106.8509	12.8411	-42.4022	1	Z
Galapagos sea lion	21	1.5053	71.2646	-0.4835	-1.4256	0.6	1
Galapagos sea lion	21	11.2697	122.0361	5.9779	-9.5535	9.7	B
Galapagos sea lion	21	0.4834	83.3779	-0.0557	-0.4802	22.9	2
Galapagos sea lion	21	0.2515	134.9695	0.1778	-0.178	9.2	2
Galapagos sea lion	21	0.418	219.2067	0.3239	0.2643	12.6	1
Galapagos sea lion	21	0.1251	220.6351	0.0949	0.0815	0.5	3
Galapagos sea lion	21	0.4617	18.8223	-0.437	-0.1489	0.9	1
Galapagos sea lion	21	0.3443	348.1289	-0.3369	0.0708	1.1	2
Galapagos sea lion	21	0.0918	24.0446	-0.0838	-0.0374	1.8	1
Galapagos sea lion	21	8.2246	198.675	7.7915	2.6335	0.7	2
Galapagos sea lion	21	0.0332	57.3062	-0.0179	-0.028	0.5	3
Galapagos sea lion	21	0.5325	347.7443	-0.5204	0.113	0.7	1
Galapagos sea lion	21	0.9859	91.0474	0.018	-0.9858	0.2	0
Galapagos sea lion	21	0.1458	291.5997	-0.0537	0.1356	2	1
Galapagos sea lion	21	0.5961	359.1391	-0.596	0.009	6.2	1
Galapagos sea lion	21	4.6828	55.2325	-2.6704	-3.8468	6	0
Galapagos sea lion	21	0.2853	236.7277	0.1565	0.2385	3.1	3
Galapagos sea lion	21	3.0191	180.419	3.019	0.0221	5	A
Galapagos sea lion	22	0.4459	11.2455	-0.4374	-0.087	11.6	3
Galapagos sea lion	22	0.2761	126.9129	0.1659	-0.2208	4	3
Galapagos sea lion	22	0.1651	310.4479	-0.1071	0.1256	25.3	3
Galapagos sea lion	22	3.6968	266.6374	0.2168	3.6905	5.7	A
Galapagos sea lion	22	1.5141	103.8768	0.3631	-1.4699	10.8	1
Galapagos sea lion	22	0.1442	318.0762	-0.1073	0.0963	7.5	1
Galapagos sea lion	22	0.0889	272.7662	-0.0043	0.0888	9	3
Galapagos sea lion	22	13.1762	135.4153	9.3842	-9.2492	1	A
Galapagos sea lion	22	0.8083	286.8964	-0.2349	0.7734	15.7	1
Galapagos sea lion	22	0.4636	304.5947	-0.2632	0.3817	2.4	1
Galapagos sea lion	22	0.2464	193.0404	0.2401	0.0556	0.6	2
Galapagos sea lion	22	1.086	195.1824	1.0481	0.2844	0.5	1
Galapagos sea lion	22	0.6652	136.0193	0.4786	-0.4619	11.6	A
Galapagos sea lion	22	1.02	99.0644	0.1607	-1.0073	11.7	1
Galapagos sea lion	22	0.3152	127.193	0.1906	-0.2511	3.8	1
Galapagos sea lion	22	0.8593	201.5339	0.7993	0.3154	0.4	1
Galapagos sea lion	22	1.0549	251.51	0.3345	1.0004	0.3	1
Galapagos sea lion	22	0.0796	78.1794	-0.0163	-0.0779	10.7	2
Galapagos sea lion	22	8.4261	109.2545	2.7786	-7.9548	5.8	A
Galapagos sea lion	22	0.1895	304.1869	-0.1065	0.1567	13	A
Galapagos sea lion	22	7.0076	304.5001	-3.9692	5.7751	0.4	A
Galapagos sea lion	22	0.1722	179.4362	0.1722	-0.0017	8.4	2
Galapagos sea lion	22	4.7704	12.694	-4.6538	-1.0483	10.7	0
Galapagos sea lion	22	0.6029	33.2757	-0.5041	-0.3308	2.7	2
Galapagos sea lion	22	0.232	118.0933	0.1093	-0.2047	0.8	2
Galapagos sea lion	22	0.4168	227.8633	0.2796	0.3091	1	2
Galapagos sea lion	22	1.4057	352.2686	-1.3929	0.1891	5.6	0
Galapagos sea lion	22	0.2153	292.9451	-0.0839	0.1983	4.3	1
Galapagos sea lion	22	0.835	298.9408	-0.4041	0.7308	0.5	1
Galapagos sea lion	22	0.6775	49.7659	-0.4376	-0.5172	3.4	3
Galapagos sea lion	22	4.8242	114.9841	2.0375	-4.3727	3.6	A
Galapagos sea lion	22	1.6757	277.347	-0.2143	1.6619	0.8	0
Galapagos sea lion	22	0.5174	107.812	0.1583	-0.4926	1.2	2

<u>Species</u>	<u>Animal ID</u>	<u>error (km)</u>	<u>angle</u>	<u>at error(km)</u>	<u>n error (km)</u>	<u>PS residu</u>	<u>ARGOS LC</u>
California sea lion	7	2.2423	295.3506	-0.9598	2.0264	12.1	1
California sea lion	7	3.066	56.6638	-1.6846	-2.5615	19.7	0
California sea lion	7	0.7138	240.9711	0.3464	0.6241	8.5	1
California sea lion	7	0.419	111.1953	0.1515	-0.3906	1.4	2
California sea lion	7	0.8812	223.0179	0.6443	0.6012	9.9	1
California sea lion	7	0.513	145.867	0.4247	-0.2879	2.1	1
California sea lion	7	1.985	292.8873	-0.7718	1.8288	13.3	1
California sea lion	7	0.9073	75.9993	-0.2195	-0.8804	7.8	2
California sea lion	7	2.0571	280.488	-0.3742	2.0227	13.8	1
California sea lion	7	0.9839	232.5387	0.5985	0.781	24.4	2
California sea lion	7	1.1768	93.7914	0.0779	-1.1742	8.1	0
California sea lion	7	0.3327	44.5481	-0.2371	-0.2334	1	2
California sea lion	7	0.7151	358.3018	-0.7148	0.0212	8.2	B
California sea lion	7	0.1673	117.6282	0.0776	-0.1482	12.3	1
California sea lion	7	0.9481	247.5129	0.3627	0.876	17.8	1
California sea lion	7	2.4237	214.9086	1.9877	1.387	0.8	B
California sea lion	7	0.5921	124.3365	0.334	-0.4889	9.8	1
California sea lion	7	0.3063	108.8633	0.099	-0.2898	10	1
California sea lion	7	0.0624	178.8755	0.0624	-0.0012	1.4	1
California sea lion	7	28.4839	89.1378	-0.385	-28.4807	29.5	A
California sea lion	7	0.2574	100.55	0.0471	-0.253	4.5	1
California sea lion	7	0.9529	274.5128	-0.0749	0.95	20	1
California sea lion	7	2.0657	268.5772	0.0515	2.0651	9.5	1
California sea lion	7	1.1558	161.2515	1.0945	-0.3715	6.4	B
California sea lion	7	2.2609	67.7406	-0.8562	-2.0924	1.8	B
California sea lion	7	4.978	17.9791	-4.7348	-1.5366	12.7	B
California sea lion	7	3.4563	293.818	-1.3953	3.162	11.8	0
California sea lion	7	2.2036	273.8207	-0.1466	2.1987	14.3	A
California sea lion	7	0.6479	322.3285	-0.5128	0.3959	28.1	0
California sea lion	7	11.234	65.2257	-4.702	-10.2001	7	A
California sea lion	7	1.2373	266.2388	0.0812	1.2346	14.8	0
California sea lion	7	0.1577	230.9226	0.0994	0.1224	1.8	2
California sea lion	7	2.4915	268.9877	0.0443	2.4911	12.8	0
California sea lion	7	1.1868	316.7438	-0.8643	0.8133	14.8	A
California sea lion	7	1.8096	256.0108	0.4376	1.7559	15.2	1
California sea lion	7	0.2152	144.1725	0.1745	-0.126	3	2
California sea lion	7	0.6291	227.722	0.4232	0.4655	0.6	2
California sea lion	7	1.2317	153.1302	1.0988	-0.5567	18.3	2
California sea lion	7	5.0568	119.8006	2.5141	-4.3881	1.6	1
California sea lion	7	4.334	255.2997	1.1008	4.1921	9.1	A
California sea lion	7	2.0626	42.3225	-1.5249	-1.3888	12	1
California sea lion	7	0.1973	101.9	0.0407	-0.193	20.8	1
California sea lion	7	0.3738	205.4385	0.3376	0.1606	8.1	1
California sea lion	7	1.607	76.9008	-0.3641	-1.5652	8.6	0
California sea lion	7	1.2325	91.4496	0.0313	-1.2321	11.4	0
California sea lion	7	0.2192	220.9509	0.1656	0.1437	5.8	2
California sea lion	7	0.4829	237.2666	0.2611	0.4062	0.5	0
California sea lion	7	0.6331	158.379	0.5885	-0.2333	0.2	B
California sea lion	7	6.6219	65.34	-2.7609	-6.0179	14.7	B
California sea lion	7	0.4043	82.4864	-0.0529	-0.4008	5.4	3
California sea lion	7	2.8325	246.6892	1.1212	2.6013	5.5	1

California sea lion	7	0.616	218.1068	0.4847	0.3802	23.2	1
California sea lion	7	8.1405	346.4034	-7.9122	1.9137	10.2	0
California sea lion	7	1.7154	45.8542	-1.1947	-1.231	28.9	A
California sea lion	7	0.3094	233.1756	0.1855	0.2477	19	B
California sea lion	7	0.9522	106.7863	0.275	-0.9116	21.8	1
California sea lion	7	0.87	80.3135	-0.1463	-0.8576	6.4	3
California sea lion	7	1.7873	245.4031	0.7441	1.6251	11.6	1
California sea lion	7	3.1916	204.9345	2.8942	1.3455	11.5	B
California sea lion	7	0.2459	95.1955	0.0223	-0.2449	32.8	1
California sea lion	7	60.6347	251.293	19.625	57.4316	0.2	Z
California sea lion	7	0.9984	275.8138	-0.1011	0.9933	24.5	1
California sea lion	7	2.2001	351.1653	-2.174	0.3379	0.2	0
California sea lion	7	1.3402	300.4671	-0.6794	1.1551	3.3	1
California sea lion	7	1.8359	77.8682	-0.3857	-1.7949	0.5	1
California sea lion	7	0.0911	9.6299	-0.0899	-0.0152	2.9	2
California sea lion	7	1.265	209.185	1.1044	0.6168	4.4	0
California sea lion	7	0.3663	148.1633	0.3112	-0.1932	2.4	0
California sea lion	7	0.4867	34.8294	-0.3995	-0.2779	0.6	1
California sea lion	7	15.5391	226.0777	10.786	11.1925	8.2	B
California sea lion	7	0.381	161.1398	0.3606	-0.1232	4.5	2
California sea lion	7	0.9969	48.557	-0.6598	-0.7473	6.8	0
California sea lion	7	2.2149	196.7409	2.121	0.638	3.8	A
California sea lion	7	0.2447	259.8206	0.0433	0.2409	0.1	1
California sea lion	7	1.0117	11.6339	-0.9909	-0.204	18	2
California sea lion	7	2.1839	66.2678	-0.8787	-1.9992	16.7	B
California sea lion	7	61.1	62.1004	-28.4343	-53.9983	9	B
California sea lion	7	0.3736	308.0453	-0.2302	0.2942	27.1	2
California sea lion	7	5.2535	350.1549	-5.1761	0.8983	4.3	B
California sea lion	7	1.8566	127.8137	1.1384	-1.4668	19.6	A
California sea lion	7	1.4785	223.6743	1.0694	1.021	4.7	2
California sea lion	7	2.946	185.7453	2.9312	0.2949	3.9	B
California sea lion	7	2.0065	198.4292	1.9036	0.6343	17.7	0
California sea lion	7	0.6483	232.1882	0.3975	0.5122	16	1
California sea lion	8	0.0273	164.7459	0.0264	-0.0072	2.3	3
California sea lion	8	1.9069	241.3601	0.9141	1.6736	4.5	1
California sea lion	8	0.7116	175.0872	0.709	-0.0609	14.3	A
California sea lion	8	1.1137	64.0986	-0.4864	-1.0018	1.9	0
California sea lion	8	5.9367	305.2849	-3.4281	4.8461	1.1	B
California sea lion	8	14.2383	320.9295	-11.05	8.974	8.2	A
California sea lion	8	1.3709	99.6806	0.2306	-1.3514	17.7	1
California sea lion	8	6.1645	258.4263	1.2387	6.0392	13.8	B
California sea lion	8	1.5385	47.6318	-1.0367	-1.1367	5.4	1
California sea lion	8	12.5709	322.1786	-9.927	7.7085	21.9	A
California sea lion	8	1.2996	183.4025	1.2974	0.0771	12.8	0
California sea lion	8	1.31	199.0727	1.2381	0.4281	3.6	2
California sea lion	8	5.8519	346.5367	-5.6909	1.3624	9.2	0
California sea lion	8	0.6692	184.3906	0.6672	0.0512	10.1	2
California sea lion	8	15.6762	252.9528	4.6074	14.9875	10.5	B
California sea lion	8	0.6405	265.1871	0.0538	0.6382	10.8	1
California sea lion	8	0.4092	267.7777	0.0159	0.4089	6.8	B
California sea lion	8	0.5143	158.7004	0.4791	-0.1868	5.2	1
California sea lion	8	0.2745	250.1734	0.0931	0.2582	7.1	1

California sea lion	8	0.8251	262.4683	0.1082	0.818	8	0
California sea lion	8	2.3069	153.9573	2.0727	-1.0128	12.3	0
California sea lion	8	1.3626	131.1714	0.897	-1.0257	12.1	1
California sea lion	8	0.3583	276.3847	-0.0398	0.3561	9.1	0
California sea lion	8	0.8888	108.495	0.282	-0.8429	19.5	1
California sea lion	8	1.0889	255.5595	0.2716	1.0545	13.1	3
California sea lion	8	0.3823	58.4739	-0.1999	-0.3259	19.9	2
California sea lion	8	2.8546	137.0868	2.0909	-1.9437	5.5	B
California sea lion	8	1.8422	120.0607	0.9229	-1.5944	9.2	1
California sea lion	8	18.6556	146.1267	15.4948	-10.3978	7.4	B
California sea lion	8	0.5226	270.8791	-0.008	0.5225	5.4	1
California sea lion	8	6.6907	290.0371	-2.2904	6.2857	11.1	B
California sea lion	8	1.3994	275.1077	-0.1245	1.3939	9.5	0
California sea lion	8	1.1668	283.7006	-0.2763	1.1336	22.9	0
California sea lion	8	9.2294	259.0727	1.7538	9.062	10.3	0
California sea lion	8	0.4859	356.4718	-0.4849	0.0299	11.9	1
California sea lion	8	0.3234	299.2469	-0.158	0.2821	0.7	1
California sea lion	8	0.4883	146.9059	0.4091	-0.2666	14.5	1
California sea lion	8	0.4572	150.5841	0.3983	-0.2246	14.8	2
California sea lion	8	11.5517	265.126	0.9884	11.5099	4.7	B
California sea lion	8	0.8782	5.5243	-0.8741	-0.0845	3.5	A
California sea lion	8	2.1517	182.0615	2.1503	0.0774	17.7	1
California sea lion	8	2.7997	148.612	2.3901	-1.4581	11.4	A
California sea lion	8	6.7248	106.6978	1.9344	-6.4412	16.1	0
California sea lion	8	38.3201	281.0268	-7.2551	37.6127	22.9	A
California sea lion	8	0.5813	251.1217	0.1881	0.5501	0.8	2
California sea lion	8	2.4137	68.7959	-0.8728	-2.2503	8.8	0
California sea lion	8	1.8866	188.7652	1.8645	0.2875	12.2	1
California sea lion	8	0.6053	127.7479	0.3706	-0.4786	5.6	2
California sea lion	8	0.4267	278.9739	-0.0666	0.4215	24.5	1
California sea lion	8	0.5978	31.5084	-0.5097	-0.3124	5.1	1
California sea lion	8	0.9462	296.5499	-0.4229	0.8464	18.2	A
California sea lion	8	0.2498	131.4804	0.1655	-0.1872	9.5	1
California sea lion	8	1.5307	298.3286	-0.7263	1.3474	15	0
California sea lion	8	0.1746	218.7972	0.1361	0.1094	15.2	2
California sea lion	8	2.1191	20.7404	-1.9818	-0.7505	0.2	1
California sea lion	8	2.3638	91.1071	0.046	-2.3633	2.9	0
California sea lion	8	7.364	284.9568	-1.8979	7.1145	11.3	A
California sea lion	8	0.3475	98.4887	0.0513	-0.3437	9.9	1
California sea lion	8	1.5227	252.6739	0.4536	1.4536	17.8	1
California sea lion	8	0.6337	299.8062	-0.315	0.5499	2	1
California sea lion	8	1.7721	238.7606	0.9192	1.5152	4.3	2
California sea lion	8	1.5023	35.7436	-1.2193	-0.8776	8.8	1
California sea lion	8	1.0345	315.8634	-0.7424	0.7204	4.3	1
California sea lion	8	1.8807	344.9433	-1.8161	0.4886	2.1	B
California sea lion	9	3.0106	264.8577	0.2703	2.9985	5.1	0
California sea lion	9	1.2355	74.0917	-0.3386	-1.1882	14.2	1
California sea lion	9	12.5663	264.438	1.2261	12.5072	0.2	0
California sea lion	9	15.0341	263.4394	1.7294	14.9356	0.2	0
California sea lion	9	0.0545	20.7926	-0.0509	-0.0193	6.3	1
California sea lion	9	1.4779	81.2687	-0.2242	-1.4608	4.2	1
California sea lion	9	0.4879	120.9925	0.2513	-0.4183	4.7	1

California sea lion	9	1.7375	192.0813	1.6991	0.3637	1.4	A
California sea lion	9	0.2641	85.8896	-0.0189	-0.2634	0.5	1
California sea lion	9	2.2221	202.1227	2.0585	0.8368	4.1	2
California sea lion	9	3.5366	49.3872	-2.3017	-2.6847	0.8	0
California sea lion	9	2.6902	269.9309	0.0036	2.6902	0.5	B
California sea lion	9	0.6923	12.1122	-0.6769	-0.1453	14	1
California sea lion	9	0.5682	324.1594	-0.4606	0.3327	8.9	1
California sea lion	9	42.9971	261.3779	6.5406	42.5113	1.1	B
California sea lion	9	14.9186	22.1784	-13.8132	-5.6317	6.2	B
California sea lion	9	1.3716	235.5462	0.776	1.131	6.7	0
California sea lion	9	4.1402	349.1015	-4.0655	0.7828	4.1	B
California sea lion	9	1.6784	295.0938	-0.7117	1.52	0.4	1
California sea lion	9	1.4785	249.6964	0.5131	1.3867	3.9	1
California sea lion	9	0.3225	102.4297	0.0694	-0.3149	5.2	0
California sea lion	9	1.3641	244.6841	0.5834	1.2331	1.8	1
California sea lion	9	8.7691	185.4664	8.7293	0.8354	17.8	B
California sea lion	9	0.4248	83.329	-0.0493	-0.4219	2.2	1
California sea lion	9	21.3841	301.9007	-11.2832	18.1544	7.2	B
California sea lion	9	1.4132	341.721	-1.3419	0.4432	0.2	0
California sea lion	9	1.4864	12.2417	-1.4526	-0.3152	0.6	0
California sea lion	9	1.7763	284.2849	-0.4381	1.7214	0.1	B
California sea lion	9	1.5111	194.6443	1.462	0.382	18.1	1
California sea lion	9	1.7263	290.6864	-0.6097	1.615	0.1	0
California sea lion	9	0.1423	347.3379	-0.1388	0.0312	0.1	2
California sea lion	9	1.4762	121.2473	0.7658	-1.262	19.6	1
California sea lion	9	10.6075	113.5645	4.2456	-9.7229	10.1	B
California sea lion	9	3.9174	67.9953	-1.4671	-3.632	4.4	0
California sea lion	9	1.4201	28.8171	-1.2442	-0.6845	17.9	0
California sea lion	9	1.5764	59.7106	-0.795	-1.3612	17.9	0
California sea lion	9	1.3085	235.6849	0.7377	1.0808	1	1
California sea lion	9	1.6045	95.6268	0.1575	-1.5968	0.8	2
California sea lion	9	5.5347	8.9619	-5.4671	-0.8622	38	B
California sea lion	9	6.4113	271.8371	-0.2034	6.408	0.3	0
California sea lion	9	0.617	15.8622	-0.5935	-0.1686	24.5	1
California sea lion	9	10.8328	205.8049	9.7538	4.7156	6.4	0
California sea lion	9	9.1334	14.8979	-8.8261	-2.3482	5.5	0
California sea lion	9	0.4427	131.4006	0.2928	-0.3321	15.5	1
California sea lion	9	0.8581	36.8136	-0.687	-0.5142	0.5	1
California sea lion	9	1.4793	214.9017	1.2133	0.8464	0.2	2
California sea lion	9	3.0896	356.1113	-3.0825	0.2095	60.8	1
California sea lion	9	6.2088	283.7019	-1.4688	6.0322	2.6	1
California sea lion	9	4.9928	215.7395	4.053	2.9163	12.6	A
California sea lion	9	0.5036	198.4959	0.4776	0.1598	0.8	2
California sea lion	9	1.2875	161.4722	1.2208	-0.4091	7.8	0
California sea lion	9	1.2553	47.6644	-0.8454	-0.9279	0.8	0
California sea lion	9	5.4304	77.8092	-1.1453	-5.308	23.1	0
California sea lion	9	2.0393	335.0743	-1.8493	0.8595	9	A
California sea lion	9	1.3411	69.6248	-0.4668	-1.2571	7.1	2
California sea lion	9	1.2409	303.8193	-0.6906	1.0309	1.3	2
California sea lion	9	1.094	292.4631	-0.418	1.011	17	1
California sea lion	9	1.8168	51.0402	-1.1422	-1.4127	11.1	0
California sea lion	9	0.3348	208.5658	0.294	0.1601	15.4	1

California sea lion	9	1.2858	255.6395	0.319	1.2456	0.4	2
California sea lion	9	4.5456	352.5562	-4.5072	0.5889	0.4	0
California sea lion	9	0.7288	15.4683	-0.7024	-0.1944	1.9	1
California sea lion	10	0.2448	154.4174	0.2208	-0.1057	8.6	0
California sea lion	10	0.5054	270.2067	-0.0018	0.5054	18.7	1
California sea lion	10	0.7608	241.7136	0.3606	0.67	20.5	2
California sea lion	10	0.7787	128.0325	0.4798	-0.6134	7.7	1
California sea lion	10	0.6902	81.1952	-0.1056	-0.682	35.8	1
California sea lion	10	1.7911	297.5156	-0.8273	1.5885	8.8	A
California sea lion	10	1.7834	117.4708	0.8228	-1.5823	5.5	A
California sea lion	10	1.107	240.2533	0.5493	0.9611	1.7	A
California sea lion	10	0.7099	121.5058	0.371	-0.6053	10.9	1
California sea lion	10	0.8105	21.1261	-0.756	-0.2921	10.9	A
California sea lion	10	1.0984	270.7075	-0.0135	1.0983	5.5	B
California sea lion	10	4.169	278.2608	-0.5981	4.1258	10	0
California sea lion	10	0.3389	16.0629	-0.3256	-0.0938	1	1
California sea lion	10	0.3033	33.9157	-0.2517	-0.1693	17.8	1
California sea lion	10	0.3029	214.5645	0.2494	0.1718	13.1	2
California sea lion	10	3.5243	72.5031	-1.059	-3.3613	6.4	A
California sea lion	10	0.0936	160.839	0.0884	-0.0307	9.9	1
California sea lion	10	0.4878	204.3619	0.4444	0.2012	23.1	A
California sea lion	10	0.9044	257.8609	0.1902	0.8842	17.6	1
California sea lion	10	3.1197	153.1314	2.783	-1.4099	8.4	0
California sea lion	10	0.8353	55.0113	-0.4789	-0.6843	5.5	1
California sea lion	10	0.2541	102.3075	0.0542	-0.2483	9.2	0
California sea lion	10	2.5295	87.3748	-0.1155	-2.5268	0.3	B
California sea lion	10	1.4233	267.1226	0.0716	1.4215	18	0
California sea lion	10	1.7342	269.7535	0.0076	1.7342	14.1	1
California sea lion	10	0.4777	25.1868	-0.4323	-0.2033	8	A
California sea lion	10	0.1681	45.3125	-0.1182	-0.1195	0.4	2
California sea lion	10	2.1794	34.0682	-1.8053	-1.2209	13.4	0
California sea lion	10	0.4388	153.193	0.3917	-0.1979	0.7	0
California sea lion	10	0.2288	194.3324	0.2217	0.0566	16.4	1
California sea lion	10	0.3747	77.044	-0.084	-0.3651	16.4	1
California sea lion	10	0.4488	36.2275	-0.3621	-0.2653	2.7	2
California sea lion	10	1.4033	272.7103	-0.0663	1.4017	15.3	A
California sea lion	10	1.0442	239.2301	0.5342	0.8972	8.6	0
California sea lion	10	0.6015	176.5835	0.6004	-0.0358	1.8	1
California sea lion	10	0.5022	196.1744	0.4823	0.1399	29.1	A
California sea lion	10	0.9134	107.7399	0.2783	-0.87	20.4	1
California sea lion	10	0.9203	75.589	-0.229	-0.8914	21.1	B
California sea lion	10	1.151	13.9133	-1.1172	-0.2768	2.5	A
California sea lion	10	0.4494	25.0778	-0.407	-0.1905	12.8	0
California sea lion	10	1.5588	31.0625	-1.3352	-0.8043	16.6	1
California sea lion	10	0.7987	9.7276	-0.7873	-0.135	4.5	3
California sea lion	10	0.232	56.0575	-0.1295	-0.1924	1.2	A
California sea lion	10	2.4195	127.0849	1.4592	-1.9302	14.3	2
California sea lion	10	2.5657	180.8686	2.5654	0.0389	0.3	B
California sea lion	10	0.7992	106.8396	0.2316	-0.765	10	3
California sea lion	10	1.027	0.6587	-1.0269	-0.0118	10.3	B
California sea lion	10	1.118	183.6582	1.1157	0.0713	20.1	A
California sea lion	10	2.8924	52.5028	-1.7604	-2.2948	1.4	B

California sea lion	10	0.461	260.5476	0.0757	0.4547	5.6	2
California sea lion	10	0.4809	236.3903	0.2662	0.4005	17.1	1
California sea lion	10	0.7281	294.5816	-0.3029	0.6621	0.2	A
California sea lion	10	0.6091	337.444	-0.5625	0.2337	24.2	0
California sea lion	10	3.8397	135.1914	2.7246	-2.706	12	A
California sea lion	10	0.3867	296.4387	-0.1722	0.3462	0.3	A
California sea lion	10	0.2719	312.357	-0.1832	0.2009	27.9	0
California sea lion	10	1.326	113.0194	0.5186	-1.2204	7.4	2
California sea lion	10	24.1663	107.6507	7.3577	-23.0287	2.6	A
California sea lion	10	2.0479	252.601	0.6126	1.9542	16.3	1
California sea lion	10	2.2444	19.3379	-2.1177	-0.7432	18.8	B
California sea lion	10	7.4356	292.8597	-2.8862	6.8516	18.4	B
California sea lion	10	4.8963	21.934	-4.5417	-1.829	25.7	A
California sea lion	10	0.1284	287.2157	-0.038	0.1226	25.4	1
California sea lion	10	0.9734	103.0884	0.2205	-0.9482	17.8	1
California sea lion	10	5.5724	75.1664	-1.4251	-5.3867	12.8	0
California sea lion	10	49.2715	287.0803	-14.3603	47.0985	3.8	B
California sea lion	10	0.9843	286.1478	-0.2737	0.9454	0.1	1
California sea lion	10	7.9963	91.9549	0.276	-7.9916	24.7	A
California sea lion	10	0.7072	83.4275	-0.0809	-0.7026	25.8	1
California sea lion	10	1.1428	36.683	-0.9164	-0.6827	19.4	B
California sea lion	10	3.4075	73.9903	-0.9392	-3.2753	0.4	2
California sea lion	10	0.6251	355.2511	-0.623	0.0518	24.9	B
California sea lion	10	1.7735	109.2577	0.5851	-1.6743	12	0
California sea lion	10	1.243	321.8757	-0.9778	0.7674	16.6	1
California sea lion	10	2.8358	259.8536	0.5	2.7914	13.8	B
California sea lion	10	0.5025	196.7119	0.4812	0.1445	3.6	B
California sea lion	10	4.1571	340.2654	-3.9128	1.4037	4.1	A
California sea lion	11	0.486	112.3665	0.185	-0.4495	14.7	1
California sea lion	11	6.5284	86.0718	-0.4449	-6.5131	12.9	2
California sea lion	11	2.1271	13.7548	-2.0661	-0.5058	6.7	0
California sea lion	11	2.2553	46.8636	-1.5419	-1.6458	15.7	A
California sea lion	11	0.604	208.5081	0.5308	0.2883	5.2	A
California sea lion	11	3.4213	192.9679	3.3341	0.7678	7.5	0
California sea lion	11	0.4881	275.0358	-0.0428	0.4862	11.9	1
California sea lion	11	4.7465	134.3068	3.316	-3.3966	7.8	B
California sea lion	11	2.8177	94.7776	0.2351	-2.8079	14.4	B
California sea lion	11	2.0991	262.454	0.2759	2.081	6.6	0
California sea lion	11	5.4293	154.4383	4.8982	-2.3426	4.8	0
California sea lion	11	7.3846	286.4354	-2.0868	7.0828	21.8	0
California sea lion	11	1.7016	143.6057	1.3697	-1.0096	24.9	B
California sea lion	11	0.8169	238.4979	0.4269	0.6965	19	1
California sea lion	11	1.0005	138.253	0.7465	-0.6662	15.6	0
California sea lion	11	17.185	106.8491	4.995	-16.4473	22.1	0
California sea lion	11	1.1892	145.1308	0.9757	-0.6799	17.4	1
California sea lion	11	3.3482	264.2895	0.3337	3.3315	13.1	0
California sea lion	11	0.2617	88.9541	-0.0048	-0.2616	18.6	1
California sea lion	11	1.4553	74.3921	-0.3914	-1.4016	4.2	0
California sea lion	11	7.8658	179.6108	7.8657	-0.0534	13.6	A
California sea lion	11	3.1055	283.4624	-0.7225	3.0201	2.7	0
California sea lion	11	1.1479	130.8194	0.7504	-0.8687	10.7	B
California sea lion	11	10.8543	62.0351	-5.0851	-9.5869	3.7	B



California sea lion	11	21.1081	257.751	4.5008	20.6276	24.9	A
California sea lion	11	1.0912	98.2769	0.1572	-1.0799	35.5	1
California sea lion	11	0.4057	12.0862	-0.3967	-0.0849	9.3	0
California sea lion	11	1.1379	304.3018	-0.6412	0.94	20	B
California sea lion	11	1.0687	75.5342	-0.2669	-1.0349	9.8	1
California sea lion	11	2.1886	234.5007	1.271	1.7817	23.5	0
California sea lion	11	0.807	352.0166	-0.7992	0.1121	11.6	1
California sea lion	11	0.8484	320.8933	-0.6583	0.5351	10	1
California sea lion	11	0.6443	316.7879	-0.4696	0.4411	1.9	2
California sea lion	11	9.9292	272.2504	-0.3847	9.9216	14.7	B
California sea lion	11	1.1467	82.5211	-0.1492	-1.137	11.9	1
California sea lion	11	3.9763	182.3749	3.9729	0.1648	0.7	0
California sea lion	11	0.787	186.37	0.7822	0.0873	1.4	1
California sea lion	11	1.7003	241.4652	0.8123	1.4938	0.4	B
California sea lion	11	10.2766	104.6431	2.6031	-9.9429	18.4	B
California sea lion	11	0.7213	71.4027	-0.23	-0.6837	0.3	1
California sea lion	11	1.0022	216.9189	0.8013	0.602	19	1
California sea lion	11	1.7375	257.1107	0.3877	1.6937	10.4	0
California sea lion	11	0.776	69.1491	-0.2762	-0.7252	6.2	1
California sea lion	11	1.4303	76.6866	-0.3293	-1.3919	10.4	1
California sea lion	11	0.4052	227.8789	0.2717	0.3005	12.1	A
California sea lion	11	0.6841	243.9201	0.3008	0.6145	13.6	1
California sea lion	11	1.4471	67.2083	-0.5605	-1.3341	7.2	B
California sea lion	11	39.0777	255.9297	9.5767	37.9054	13.8	B
California sea lion	11	5.7815	75.589	-1.4372	-5.5996	8.2	B
California sea lion	11	117.5395	222.8914	86.459	79.997	0.5	Z
California sea lion	11	0.9358	302.9271	-0.5086	0.7855	15.5	0
California sea lion	11	0.2904	11.2282	-0.2848	-0.0565	7.1	0
California sea lion	11	2.5521	120.6384	1.3008	-2.1958	16.3	A
California sea lion	11	32.702	74.1383	-8.8871	-31.4569	13.5	0
California sea lion	11	0.0905	115.5092	0.039	-0.0816	5.4	3
California sea lion	11	10.5005	300.8781	-5.3847	9.0122	20.9	B
California sea lion	11	5.081	146.1275	4.2191	-2.8319	8.2	A
California sea lion	11	0.3536	98.9142	0.0548	-0.3493	13.7	3
California sea lion	11	4.4034	76.498	-1.0271	-4.2817	11.3	B
California sea lion	11	7.0038	107.2729	2.082	-6.688	20.6	0
California sea lion	11	1.9051	48.0446	-1.2735	-1.4167	6.8	2
California sea lion	12	1.6979	226.5978	1.1667	1.2336	27.5	1
California sea lion	12	7.0844	43.0184	-5.1784	-4.8332	0.3	A
California sea lion	12	8.4377	249.4088	2.9708	7.8987	10	A
California sea lion	12	1.2714	46.4092	-0.8766	-0.9209	0.3	B
California sea lion	12	0.5561	125.4598	0.3226	-0.4529	8.5	1
California sea lion	12	10.7346	76.5982	-2.4824	-10.4422	0.1	0
California sea lion	12	10.8744	153.5589	9.738	-4.8421	0.2	B
California sea lion	12	0.7199	65.817	-0.2949	-0.6567	3.7	0
California sea lion	12	1.5036	306.6599	-0.8977	1.2062	0.9	A
California sea lion	12	1.6732	113.4429	0.6658	-1.5351	23	1
California sea lion	12	0.5954	52.1541	-0.3653	-0.4702	0.1	1
California sea lion	12	0.4178	98.6801	0.0631	-0.413	0.3	2
California sea lion	12	0.7815	344.6114	-0.7534	0.2074	0.5	1
California sea lion	12	0.5501	331.7837	-0.4847	0.2601	10	1
California sea lion	12	0.2438	287.3381	-0.0727	0.2328	0.4	1

California sea lion	12	4.6705	78.1937	-0.9545	-4.5717	0.4	0
California sea lion	12	0.9856	259.2062	0.1846	0.9682	1.6	1
California sea lion	12	3.4003	2.5782	-3.3969	-0.153	0.3	2
California sea lion	12	1.0601	259.3835	0.1954	1.0419	10.5	2
California sea lion	12	0.6543	287.4479	-0.1962	0.6242	3.8	1
California sea lion	12	0.8686	86.5822	-0.0517	-0.867	12.1	1
California sea lion	12	0.6531	89.3032	-0.0079	-0.6531	1.3	1
California sea lion	12	7.6968	121.2036	3.9898	-6.5833	0.1	A
California sea lion	12	9.1779	276.3915	-1.0174	9.1209	14.4	0
California sea lion	12	0.2417	84.1298	-0.0247	-0.2404	1	1
California sea lion	12	0.6485	281.9992	-0.1348	0.6343	4.9	1
California sea lion	12	1.6946	114.581	0.7051	-1.5411	0.3	B
California sea lion	12	0.3015	333.3251	-0.2694	0.1354	13.5	2
California sea lion	12	1.8494	179.4411	1.8493	-0.018	0.2	A
California sea lion	12	1.412	16.981	-1.3504	-0.4124	0.6	1
California sea lion	12	0.8652	270.0872	-0.0013	0.8652	16.2	1
California sea lion	12	11.9257	79.065	-2.2552	-11.7092	0.3	B
California sea lion	12	1.6115	99.1805	0.2572	-1.5909	4.5	A
California sea lion	12	15.0174	335.9202	-13.7086	6.1272	15.4	A
California sea lion	12	1.441	248.1939	0.5354	1.3379	10.8	0
California sea lion	12	0.4469	315.0556	-0.3163	0.3157	30.9	0
California sea lion	12	0.6288	91.4599	0.016	-0.6286	14.3	3
California sea lion	12	0.9601	18.2827	-0.9116	-0.3012	13	1
California sea lion	12	1.2964	143.2808	1.0392	-0.7751	0.8	1
California sea lion	12	0.3191	46.0759	-0.2214	-0.2299	5.2	1
California sea lion	12	0.6227	60.9076	-0.3028	-0.5442	5.2	0
California sea lion	12	0.6761	261.1959	0.1035	0.6681	3.8	2
California sea lion	12	1.0699	88.1017	-0.0354	-1.0693	0.4	1
California sea lion	12	4.818	293.575	-1.9259	4.4158	1.5	A
California sea lion	12	0.3422	216.6022	0.2747	0.204	2.2	1
California sea lion	12	16.2668	73.3729	-4.6423	-15.5867	11	B
California sea lion	12	1.9835	67.1211	-0.771	-1.8275	18.6	1
California sea lion	12	1.141	281.3351	-0.2242	1.1188	15.1	2
California sea lion	13	2.17	147.7924	1.8362	-1.1566	1.5	0
California sea lion	13	1.215	202.9444	1.1189	0.4737	12.7	1
California sea lion	13	0.4084	72.9479	-0.1198	-0.3905	5.2	2
California sea lion	13	0.3221	66.3589	-0.1291	-0.295	13.3	1
California sea lion	13	0.5144	102.021	0.1072	-0.5031	8.6	1
California sea lion	13	0.2901	34.8126	-0.2382	-0.1656	13.7	1
California sea lion	13	1.2664	9.867	-1.2477	-0.217	23.1	2
California sea lion	13	1.0544	141.1808	0.8215	-0.661	8	1
California sea lion	13	90.9164	323.8458	-73.2594	53.6361	31.7	Z
California sea lion	13	0.2039	161.0328	0.1928	-0.0663	11	2
California sea lion	13	8.768	32.3563	-7.4055	-4.6925	7.9	A
California sea lion	13	0.0858	313.5291	-0.0591	0.0622	17	2
California sea lion	13	8.3674	20.4751	-7.8383	-2.9269	24.7	A
California sea lion	13	1.5987	293.4612	-0.6364	1.4665	10.4	0
California sea lion	13	0.5876	200.1791	0.5515	0.2027	0.5	2
California sea lion	13	0.6384	168.2137	0.625	-0.1304	10.1	A
California sea lion	13	8.7074	132.7628	5.9142	-6.3927	14.4	B
California sea lion	13	7.3637	107.9474	2.2716	-7.0053	15.1	B
California sea lion	13	0.7959	262.526	0.1036	0.7891	26.6	1

California sea lion	13	0.4672	275.3704	-0.0437	0.4652	8.2	1
California sea lion	13	0.4269	39.3275	-0.3302	-0.2706	18	1
California sea lion	13	0.2543	185.6187	0.253	0.0249	17.1	2
California sea lion	13	0.2097	113.6526	0.0841	-0.1921	18.8	1
California sea lion	13	2.6251	98.1731	0.3735	-2.5984	15.8	1
California sea lion	13	0.3522	241.9531	0.1656	0.3108	6.6	2
California sea lion	13	0.4988	59.7923	-0.251	-0.4311	13.6	2
California sea lion	13	0.7317	52.9304	-0.4411	-0.5839	1	1
California sea lion	13	0.7778	77.2108	-0.1722	-0.7585	11.8	2
California sea lion	13	0.7783	106.2639	0.218	-0.7472	8.3	2
California sea lion	13	0.9642	269.2257	0.0131	0.9642	10.3	1
California sea lion	13	2.8915	80.8248	-0.4606	-2.8545	12.4	0
California sea lion	13	2.5456	251.8471	0.7934	2.4189	5.9	B
California sea lion	13	1.0085	249.7261	0.3495	0.9461	16.6	2
California sea lion	13	9.2206	280.0328	-1.602	9.0796	0.5	0
California sea lion	13	3.7574	48.7544	-2.4768	-2.8251	10.1	A
California sea lion	13	0.6777	73.1103	-0.1969	-0.6485	8.2	2
California sea lion	13	2.9487	77.4518	-0.6402	-2.8783	14.5	0
California sea lion	13	2.1341	248.8832	0.769	1.9908	16.7	2
California sea lion	13	1.0906	62.2006	-0.5086	-0.9647	6.7	1
California sea lion	13	0.4987	235.0878	0.2854	0.4089	6.7	1
California sea lion	13	0.7734	15.3907	-0.7457	-0.2053	15.8	1
California sea lion	13	4.5041	325.8402	-3.7267	2.5291	8.4	0
California sea lion	13	2.6086	176.8164	2.6046	-0.1449	24.1	1
California sea lion	13	0.2539	143.7348	0.2047	-0.1502	15	A
California sea lion	13	0.7612	86.9508	-0.0405	-0.7601	3.3	1
California sea lion	13	1.4935	254.9255	0.3885	1.4421	12.9	1
California sea lion	13	0.7893	70.5259	-0.2631	-0.7441	3.2	2
California sea lion	13	2.4073	246.9113	0.9443	2.2145	10.7	A
California sea lion	13	1.6412	189.2872	1.6197	0.2649	7.7	1
California sea lion	13	1.0795	225.671	0.7544	0.7722	10.2	2
California sea lion	13	0.6323	101.9394	0.1308	-0.6187	5.1	1
California sea lion	13	1.7926	64.7108	-0.7656	-1.6208	17.6	1
California sea lion	13	0.6195	225.2174	0.4364	0.4397	9.8	1
California sea lion	13	4.9654	312.2685	-3.3391	3.6744	5.6	A
California sea lion	13	0.2083	292.0427	-0.0782	0.193	19.6	3
California sea lion	13	0.5247	186.1936	0.5216	0.0566	8.7	2
California sea lion	13	6.8943	78.2095	-1.4063	-6.7488	12	B
California sea lion	13	1.6086	40.2956	-1.2269	-1.0403	9.9	B
California sea lion	13	3.4393	296.1729	-1.5165	3.0866	26.8	A
California sea lion	13	5.4527	200.4131	5.1105	1.9018	1	B
California sea lion	13	0.7676	55.3267	-0.4367	-0.6313	7.1	1
California sea lion	13	4.4889	264.093	0.463	4.4651	2.3	B
California sea lion	13	1.4458	190.9998	1.4193	0.2759	10.3	0
California sea lion	13	0.3012	239.2539	0.154	0.2589	6.3	0
California sea lion	13	0.6609	76.4973	-0.1543	-0.6426	17.5	1
California sea lion	13	0.4344	56.6593	-0.2387	-0.3629	12.8	1
California sea lion	13	2.4426	165.9872	2.37	-0.5915	26	0
California sea lion	13	4.3006	354.88	-4.2835	0.3838	0.2	A
California sea lion	13	0.2214	194.7402	0.2141	0.0563	9.9	1
California sea lion	13	8.8934	101.813	1.8246	-8.705	4.7	B
California sea lion	13	2.238	226.2735	1.5471	1.6173	8.1	A

California sea lion	13	2.865	252.4224	0.8656	2.7313	7.2	0
California sea lion	13	9.1407	140.9473	7.1001	-5.759	2.1	1
California sea lion	13	3.2874	357.3992	-3.284	0.1492	15.1	1
California sea lion	13	1.8395	118.721	0.8841	-1.6132	17.9	A
California sea lion	14	2.7264	102.1685	0.575	-2.6651	23.9	1
California sea lion	14	4.8514	250.4177	1.6271	4.5708	13.6	B
California sea lion	14	0.5234	29.3085	-0.4564	-0.2562	21.2	2
California sea lion	14	1.9162	241.0302	0.9283	1.6764	12.9	A
California sea lion	14	1.7472	251.1934	0.5634	1.6539	1.3	A
California sea lion	14	3.7843	180.1107	3.7843	0.0073	0.5	A
California sea lion	14	1.4391	66.7391	-0.5682	-1.3221	18.7	1
California sea lion	14	1.6215	261.6957	0.2343	1.6045	7.8	1
California sea lion	14	3.927	175.2898	3.9137	-0.3225	17.7	0
California sea lion	14	1.0658	296.7485	-0.4796	0.9517	5.4	1
California sea lion	14	1.3479	138.2522	1.0057	-0.8975	20.2	1
California sea lion	14	0.653	321.1626	-0.5086	0.4095	15.4	A
California sea lion	14	6.792	281.7335	-1.3789	6.6501	0.2	0
California sea lion	14	1.2369	282.0881	-0.259	1.2095	8.2	A
California sea lion	14	0.5514	292.9584	-0.2151	0.5077	8.5	1
California sea lion	14	0.5563	105.6992	0.1505	-0.5356	3.9	2
California sea lion	14	0.9107	146.4664	0.7592	-0.5031	5.2	A
California sea lion	14	0.9306	301.9623	-0.4926	0.7895	1.6	B
California sea lion	14	0.7815	263.4149	0.0897	0.7763	0.9	A
California sea lion	14	21.5994	310.5747	-14.0351	16.406	19.9	B
California sea lion	14	29.2384	236.3151	16.2476	24.3293	22.4	B
California sea lion	14	1.6734	16.8444	-1.6016	-0.4849	18.3	B
California sea lion	14	5.0908	111.6029	1.8755	-4.7332	0.2	0
California sea lion	14	0.2172	95.5473	0.021	-0.2161	7.2	2
California sea lion	14	0.4633	68.3839	-0.1707	-0.4307	15	A
California sea lion	14	0.2973	23.5839	-0.2725	-0.119	4.9	1
California sea lion	14	0.2864	3.0683	-0.2859	-0.0153	9.4	1
California sea lion	14	0.1127	202.6322	0.104	0.0433	18	2
California sea lion	14	1.388	114.4266	0.574	-1.2637	11.8	1
California sea lion	14	0.2425	166.9186	0.2362	-0.0549	30.2	1
California sea lion	14	1.2274	208.1169	1.0825	0.5784	0.3	1
California sea lion	14	2.1087	291.0032	-0.7556	1.9686	13.7	A
California sea lion	14	0.4366	346.3652	-0.4243	0.1029	13.7	A
California sea lion	14	0.4893	298.8422	-0.236	0.4286	5.1	1
California sea lion	15	0.8308	295.513	-0.3578	0.7498	9.8	1
California sea lion	15	1.3276	185.2217	1.3221	0.1208	2.5	A
California sea lion	15	2.1904	248.8923	0.789	2.0434	0.4	3
California sea lion	15	6.5347	164.8521	6.3078	-1.7076	16.1	B
California sea lion	15	0.9818	142.9744	0.7839	-0.5912	15.1	A
California sea lion	15	1.0133	303.5611	-0.5601	0.8444	4	A
California sea lion	15	0.7772	235.5747	0.4394	0.6411	4.6	1
California sea lion	15	0.8235	13.0394	-0.8023	-0.1858	9.1	B
California sea lion	15	0.2493	212.1007	0.2112	0.1325	11.6	3
California sea lion	15	1.3676	35.6851	-1.1108	-0.7978	26.1	A
California sea lion	15	4.7979	109.9299	1.6365	-4.5106	14.5	B
California sea lion	15	0.9785	216.6041	0.7856	0.5835	4.9	1
California sea lion	15	0.881	279.3925	-0.1437	0.8692	1.5	1
California sea lion	15	14.121	42.1688	-10.4613	-9.4796	9.9	B

California sea lion	15	8.5616	257.9235	1.7949	8.3721	19.2	0
California sea lion	15	0.5225	199.4718	0.4926	0.1742	10.9	2
California sea lion	15	0.5119	319.6877	-0.3903	0.3312	11.1	3
California sea lion	15	0.3303	215.4454	0.2691	0.1916	16.5	1
California sea lion	15	3.0474	352.6741	-3.0225	0.3886	17.1	2
California sea lion	15	0.8766	37.9955	-0.6908	-0.5396	31.5	0
California sea lion	15	2.3643	172.838	2.3458	-0.2948	4	A
California sea lion	15	0.894	256.8244	0.2038	0.8705	14.6	B
California sea lion	15	2.9127	183.1908	2.9082	0.1621	26.3	1
California sea lion	15	0.7759	158.9451	0.7241	-0.2787	9.7	B
California sea lion	15	38.4037	283.9532	-9.1872	37.2705	7.5	0
California sea lion	15	0.4593	111.9535	0.1717	-0.426	15.9	2
California sea lion	15	0.478	243.9208	0.2101	0.4293	16.4	1
California sea lion	15	0.716	124.1405	0.4018	-0.5926	4.6	A
California sea lion	15	0.1947	342.5445	-0.1857	0.0584	12.4	1
California sea lion	15	1.2451	163.8644	1.1961	-0.346	10.5	2
California sea lion	15	6.3218	71.0861	-2.0473	-5.9805	9.1	A
California sea lion	15	0.3397	251.4946	0.1078	0.3222	0.7	1
California sea lion	15	1.3331	137.8602	0.9885	-0.8944	1.4	B
California sea lion	15	0.2336	345.2004	-0.2259	0.0597	19.3	3
California sea lion	15	3.6138	65.713	-1.4858	-3.294	5.6	B

<u>Species</u>	<u>Animal ID</u>	<u>error (km)</u>	<u>angle</u>	<u>lat error(km)</u>	<u>lon error (km)</u>	<u>GPS residual</u>	<u>ARGOS LC</u>
Cape fur seal	1	3.14	157.4799	2.9005	-1.2027	3.3	B
Cape fur seal	1	0.7878	88.2139	-0.0246	-0.7874	0.7	1
Cape fur seal	1	8.5366	280.6504	-1.5808	8.3895	8.1	0
Cape fur seal	1	2.4321	298.0294	-1.1431	2.1468	8.6	0
Cape fur seal	1	5.4206	144.6136	4.4188	-3.139	3.1	A
Cape fur seal	1	0.5968	300.2352	-0.3005	0.5156	0.1	1
Cape fur seal	1	4.131	220.5046	3.1407	2.6831	0.2	A
Cape fur seal	1	1.3423	140.4835	1.0355	-0.8541	5	1
Cape fur seal	1	0.6633	307.1165	-0.4003	0.529	0.1	1
Cape fur seal	1	1.4959	48.2782	-0.9956	-1.1165	0.3	Z
Cape fur seal	1	1.3072	22.3547	-1.209	-0.4972	0.9	1
Cape fur seal	1	6.4535	170.9092	6.3724	-1.0197	11.7	A
Cape fur seal	1	0.705	76.9428	-0.1593	-0.6868	2.2	2
Cape fur seal	1	0.2931	293.3966	-0.1164	0.269	0.5	0
Cape fur seal	1	1.7655	93.2457	0.0998	-1.7627	7	A
Cape fur seal	1	1.4837	68.1829	-0.5515	-1.3774	10.7	2
Cape fur seal	1	0.4329	201.1612	0.4037	0.1563	0.2	1
Cape fur seal	1	3.3707	18.765	-3.1915	-1.0843	21.6	1
Cape fur seal	1	5.8345	348.5031	-5.7175	1.1629	11.7	0
Cape fur seal	1	1.008	292.3641	-0.3836	0.9322	0.2	1
Cape fur seal	1	9.3958	38.4629	-7.3585	-5.8442	0.2	A
Cape fur seal	1	4.5922	248.0727	1.7141	4.26	10.3	A
Cape fur seal	1	0.9152	253.9745	0.2526	0.8796	8.1	A
Cape fur seal	2	1.234	348.8371	-1.2106	0.2389	1.2	A
Cape fur seal	2	1.1919	125.0391	0.6843	-0.9759	7.9	0
Cape fur seal	2	7.0658	86.8014	-0.3965	-7.0548	3.7	0
Cape fur seal	2	0.4394	325.003	-0.3599	0.252	0.2	2
Cape fur seal	2	6.1052	186.1915	6.0696	0.6585	29.6	A
Cape fur seal	2	6.2893	4.5349	-6.2697	-0.4973	0.1	A
Cape fur seal	2	2.1953	232.3435	1.341	1.738	0.3	A
Cape fur seal	2	0.2654	169.7741	0.2611	-0.0471	1.2	2
Cape fur seal	2	1.0961	12.838	-1.0687	-0.2436	8.4	A
Cape fur seal	2	2.5258	47.0163	-1.7222	-1.8478	14.4	3
Cape fur seal	2	1.9097	76.0118	-0.4618	-1.8531	0.2	B
Cape fur seal	2	0.5511	185.0022	0.549	0.0481	3.3	A
Cape fur seal	2	5.7273	336.9131	-5.2688	2.2458	6.5	A
Cape fur seal	2	12.3788	293.1618	-4.8747	11.381	6.9	B
Cape fur seal	2	1.8095	172.8727	1.7955	-0.2245	9	A
Cape fur seal	2	7.9015	73.981	-2.1831	-7.5947	8.2	0
Cape fur seal	2	0.4661	319.8506	-0.3563	0.3005	13.5	1
Cape fur seal	2	1.7741	159.2852	1.6594	-0.6275	0.6	B
Cape fur seal	2	2.7076	224.245	1.9395	1.8892	1.3	A
Cape fur seal	2	0.2372	348.7276	-0.2326	0.0464	4.2	3
Cape fur seal	2	22.5249	264.7083	2.0549	22.4289	23.5	A
Cape fur seal	2	4.6957	267.1074	0.236	4.6898	17.3	A
Cape fur seal	2	0.2944	145.2391	0.2419	-0.1678	4.4	0
Cape fur seal	2	0.4084	298.1998	-0.193	0.36	4.6	A
Cape fur seal	2	0.9616	119.3961	0.4719	-0.8378	0.3	B
Cape fur seal	2	4.411	280.1604	-0.779	4.3418	6	B
Cape fur seal	2	0.9328	13.6966	-0.9063	-0.2209	0.3	B
Cape fur seal	2	2.7269	103.0327	0.6146	-2.6566	11.9	B
Cape fur seal	2	8.695	257.447	1.8866	8.4872	0.1	A

Cape fur seal	2	48.8178	310.535	-31.7888	37.1019	6.5	A
Cape fur seal	2	3.0169	248.5782	1.1015	2.8085	0.3	0
Cape fur seal	3	9.3812	264.4822	0.8982	9.3378	5.9	A
Cape fur seal	3	1.4758	39.4257	-1.14	-0.9373	18.4	0
Cape fur seal	3	0.185	236.6462	0.1017	0.1545	18.4	1
Cape fur seal	3	46.3968	53.5114	-27.6531	-37.3018	4	B
Cape fur seal	3	19.2089	114.6403	7.9948	-17.4598	0.5	A
Cape fur seal	3	5.1463	17.8598	-4.8984	-1.5783	0.3	0
Cape fur seal	3	0.6908	3.2235	-0.6897	-0.0388	24.7	0
Cape fur seal	3	16.5322	199.1439	15.6166	5.4216	2.4	A
Cape fur seal	3	4.2767	60.5166	-2.1055	-3.7228	6.7	A
Cape fur seal	3	4.8131	198.1847	4.5726	1.5021	10.1	B
Cape fur seal	3	2.4875	127.3013	1.5073	-1.9787	9.7	B
Cape fur seal	3	1.1119	203.1106	1.0227	0.4364	0.1	B
Cape fur seal	3	0.554	160.9731	0.5237	-0.1806	13.3	1
Cape fur seal	3	0.3356	9.2937	-0.3312	-0.0542	22.7	1
Cape fur seal	3	0.7539	208.3354	0.6636	0.3578	21.3	A
Cape fur seal	3	1.3666	158.0762	1.2678	-0.5103	3.4	1
Cape fur seal	3	1.2506	98.0513	0.1751	-1.2383	11.4	1
Cape fur seal	3	3.229	342.0034	-3.0711	0.9976	23	B
Cape fur seal	3	1.2418	50.5876	-0.7884	-0.9594	4.2	0
Cape fur seal	3	2.3942	286.8011	-0.6923	2.292	18.1	A
Cape fur seal	3	0.2109	49.2861	-0.1376	-0.1599	13.9	1
Cape fur seal	3	2.5128	351.8558	-2.4875	0.356	1	0
Cape fur seal	4	3.4261	236.8089	1.8752	2.8671	0.1	0
Cape fur seal	4	4.4337	62.5663	-2.0434	-3.9351	0.3	A
Cape fur seal	4	3.1144	173.8168	3.0963	-0.3354	9	B
Cape fur seal	4	1.9899	305.1554	-1.1459	1.627	10	B
Cape fur seal	4	1.3998	245.7981	0.5738	1.2767	16.5	B
Cape fur seal	4	4.3753	78.05	-0.9069	-4.2804	12.1	B
Cape fur seal	4	22.2144	337.8351	-20.5765	8.3809	22.3	B
Cape fur seal	4	3.9506	328.9451	-3.3846	2.038	0.7	1
Cape fur seal	4	1.5828	65.7169	-0.651	-1.4428	1.5	0
Cape fur seal	4	6.4431	74.1377	-1.7631	-6.1978	0.3	B
Cape fur seal	5	1.0076	273.432	-0.0604	1.0058	12.4	1
Cape fur seal	5	1.6325	160.0608	1.5346	-0.5567	26.1	1
Cape fur seal	5	1.9855	298.2723	-0.9406	1.7486	26.6	0
Cape fur seal	5	11.2254	213.2542	9.3855	6.1555	7.9	B
Cape fur seal	5	1.0569	277.5238	-0.1384	1.0478	13.3	1
Cape fur seal	5	1.8268	120.8194	0.9358	-1.5688	12.3	A
Cape fur seal	5	2.9128	264.9535	0.2559	2.9015	9	A
Cape fur seal	5	2.4861	118.5816	1.1892	-2.1831	14.1	2
Cape fur seal	5	4.3179	74.9314	-1.1233	-4.1694	6.5	0
Cape fur seal	5	2.9437	65.8412	-1.2051	-2.6859	7.4	A
Cape fur seal	5	14.1382	151.2906	12.3982	-6.7915	7.4	A
Cape fur seal	5	2.6956	256.4707	0.6303	2.6208	17.3	0
Cape fur seal	5	1.4329	291.3983	-0.5229	1.3342	8.8	B
Cape fur seal	5	0.4751	281.3087	-0.0932	0.4659	3.5	0
Cape fur seal	5	2.472	128.0021	1.5218	-1.9479	14	A
Cape fur seal	5	9.3748	242.9667	4.2579	8.3505	6.5	B
Cape fur seal	5	1.5576	294.8177	-0.6539	1.4137	18.9	0
Cape fur seal	6	8.7726	109.8055	2.9694	-8.2537	1	B
Cape fur seal	6	11.0637	297.4973	-5.1125	9.8139	11.8	B

Cape fur seal	6	6.449	303.1168	-3.5247	5.4014	3.5	A
Cape fur seal	6	2.3974	182.9392	2.3943	0.1229	20.3	A
Cape fur seal	6	10.8936	85.2715	-0.9034	-10.8565	11.3	A
Cape fur seal	6	12.2416	62.2456	-5.706	-10.8332	17.1	B
Cape fur seal	6	1.8897	13.4333	-1.838	-0.439	3.1	A
Cape fur seal	6	4.8962	152.8537	4.3566	-2.2339	13.1	B
Cape fur seal	6	1.597	141.5856	1.2513	-0.9923	0.2	A
Cape fur seal	6	3.6245	77.8	-0.7665	-3.5426	1.8	B



<u>Species</u>	<u>Animal ID</u>	<u>error (km)</u>	<u>angle</u>	<u>lat error(km)</u>	<u>lon error (km)</u>	<u>GPS residual</u>	<u>ARGOS LC</u>
Australian fur seal	16	0.2627	235.1862	0.15	0.2156	28.9396	0
Australian fur seal	16	0.9053	149.0663	0.7765	-0.4654	11.2325	1
Australian fur seal	16	0.8905	276.2782	-0.0974	0.8852	15.5906	2
Australian fur seal	16	0.418	227.4314	0.2827	0.3078	2.8841	2
Australian fur seal	16	0.4122	290.8942	-0.147	0.3851	8.5697	2
Australian fur seal	16	17.733	98.26	2.5279	-17.549	20.49	0
Australian fur seal	16	1.4563	91.9506	0.0494	-1.4554	6.8901	1
Australian fur seal	16	4.4292	238.5977	2.3069	3.7805	4.363	0
Australian fur seal	16	2.1533	249.7061	0.7466	2.0197	11.1215	1
Australian fur seal	16	0.0598	65.3528	-0.0249	-0.0544	10.7304	3
Australian fur seal	16	5.0494	248.4609	1.8524	4.6968	21.605	B
Australian fur seal	16	2.4138	89.1	-0.0383	-2.4135	0.1737	0
Australian fur seal	16	14.3929	126.8312	8.6195	-11.5201	24.3382	B
Australian fur seal	16	0.2165	107.2228	0.0641	-0.2068	5.7332	3
Australian fur seal	16	0.5995	116.1496	0.2642	-0.5381	1.8594	1
Australian fur seal	16	2.6503	124.5208	1.5016	-2.1836	10.7111	1
Australian fur seal	16	1.0736	251.0237	0.349	1.0152	10.228	2
Australian fur seal	16	0.2742	343.8111	-0.2634	0.0765	14.8279	2
Australian fur seal	16	1.2138	327.3651	-1.0222	0.6546	19.0655	A
Australian fur seal	16	8.6366	222.8094	6.3338	5.8691	19.8372	A
Australian fur seal	16	0.2478	87.3898	-0.0113	-0.2475	4.3185	2
Australian fur seal	16	0.5343	238.3987	0.28	0.4551	0.325	1
Australian fur seal	16	3.8939	256.0069	0.9407	3.7784	2.1464	0
Australian fur seal	16	2.9895	22.688	-2.7583	-1.1531	6.9383	1
Australian fur seal	16	71.7149	93.7709	4.3823	-71.5604	3.4783	B
Australian fur seal	17	1.9301	66.5967	-0.7668	-1.7713	0	1
Australian fur seal	17	0.5486	77.572	-0.1181	-0.5357	0	3
Australian fur seal	17	0.5009	274.8737	-0.0426	0.4991	0	3
Australian fur seal	18	3.896	112.3923	1.4833	-3.6022	8.9237	1
Australian fur seal	18	1.5084	268.8666	0.0297	1.5081	12.6886	2
Australian fur seal	18	9.3316	76.2993	-2.2155	-9.0661	20.5497	0
Australian fur seal	18	1.8911	299.474	-0.9307	1.6464	8.9137	A
Australian fur seal	18	8.2771	112.8281	3.2075	-7.6288	11.6571	0
Australian fur seal	18	11.494	260.5524	1.8785	11.3381	11.1548	0
Australian fur seal	18	5.0423	200.8249	4.7127	1.7926	14.0446	1
Australian fur seal	18	9.7135	56.5953	-5.3521	-8.1089	19.5587	Z
Australian fur seal	18	83.8771	325.7124	-69.4482	47.2513	24.2711	A
Australian fur seal	18	51.2637	78.6005	-10.2977	-50.2527	13.4405	0
Australian fur seal	18	184.2988	249.0187	64.0547	172.0873	17.9864	B
Australian fur seal	18	140.9606	89.9161	-1.5209	-140.9666	1.086	B
Australian fur seal	18	93.1562	80.0068	-16.7232	-91.7445	14.8686	B
Australian fur seal	18	380.4179	286.1077	-114.4599	365.5725	13.2337	B
Australian fur seal	18	9.5602	152.9553	8.5135	-4.3469	0.424	0
Australian fur seal	18	7.4307	162.4409	7.0842	-2.2418	17.2804	B
Australian fur seal	18	1.8023	70.7538	-0.5943	-1.7016	25.0275	1
Australian fur seal	18	1.5286	118.694	0.7338	-1.3409	11.4812	2
Australian fur seal	18	0.3863	275.2443	-0.0353	0.3847	13.0231	3
Australian fur seal	18	0.4113	87.3873	-0.0188	-0.4108	11.9097	2
Australian fur seal	18	2.4194	293.0205	-0.9465	2.2268	21.8479	0
Australian fur seal	18	8.4813	94.9878	0.7327	-8.4492	5.8446	0
Australian fur seal	18	3.157	129.9376	2.0263	-2.4206	9.089	A
Australian fur seal	18	5.7854	96.4015	0.6429	-5.7493	15.4482	0
Australian fur seal	18	26.7295	264.5954	2.4712	26.6108	0.153	B
Australian fur seal	18	52.9087	241.2186	25.3326	46.3727	20.1742	B

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Northern elephant seal	23	0.7045	18.5641	-0.6678	-0.2243	9.6	B
Northern elephant seal	23	4.6766	72.8741	-1.376	-4.4693	13.4	B
Northern elephant seal	23	5.3432	181.5811	5.3412	0.1474	16.5	B
Northern elephant seal	23	6.8157	295.3355	-2.9143	6.1601	17	B
Northern elephant seal	23	15.768	263.2277	1.8742	15.658	9.3	A
Northern elephant seal	23	1.4533	3.2377	-1.451	-0.0821	18	Z
Northern elephant seal	23	762.3402	97.6613	137.5762	-756.3309	6.1	Z
Northern elephant seal	23	5.6068	330.087	-4.8594	2.796	14.4	B
Northern elephant seal	23	1.4385	82.8585	-0.1787	-1.4273	3.1	Z
Northern elephant seal	23	9.7141	261.3422	1.4682	9.6034	1.9	B
Northern elephant seal	23	1.0115	84.2131	-0.1019	-1.0064	21.9	B
Northern elephant seal	23	37.7729	268.085	1.3554	37.7519	5.4	A
Northern elephant seal	23	5.7053	141.1762	4.4457	-3.5768	13.9	B
Northern elephant seal	23	2.1134	339.2389	-1.9761	0.7491	19.4	A
Northern elephant seal	23	77.5113	73.9971	-21.0025	-74.5083	13.6	B
Northern elephant seal	23	2.2818	92.6831	0.1072	-2.2793	0.4	0
Northern elephant seal	23	26.1249	283.3707	-5.9983	25.4168	22.5	B
Northern elephant seal	23	70.1035	264.849	6.6201	69.8212	16.7	A
Northern elephant seal	23	1.7898	235.6933	1.0089	1.4785	11.6	0
Northern elephant seal	23	1.0385	197.725	0.9892	0.3162	17.9	B
Northern elephant seal	23	5.2372	213.283	4.3788	2.8741	4.7	B
Northern elephant seal	23	2.1602	184.0435	2.1548	0.1523	4.8	B
Northern elephant seal	23	1.0668	35.1387	-0.8724	-0.614	1.3	B
Northern elephant seal	23	1.0559	158.6084	0.9832	-0.3851	1.8	B
Northern elephant seal	23	105.0672	292.9904	-40.2914	96.7239	0.8	Z
Northern elephant seal	23	1.3446	204.2538	1.226	0.5523	13.4	B
Northern elephant seal	23	24.4576	158.6579	22.7868	-8.901	7.4	A
Northern elephant seal	23	10.3036	25.5531	-9.2941	-4.4444	16.9	B
Northern elephant seal	23	12.4009	240.9659	6.028	10.8425	13.2	A
Northern elephant seal	23	8.7028	333.6952	-7.8004	3.8566	13.6	B
Northern elephant seal	23	15.5538	42.5965	-11.4402	-10.5273	9.5	B
Northern elephant seal	23	1.2478	134.7768	0.879	-0.8858	25.8	B
Northern elephant seal	23	2.8393	119.5447	1.4006	-2.4701	18.3	B
Northern elephant seal	23	0.8281	219.3277	0.6406	0.5248	8.2	B
Northern elephant seal	23	1.8585	106.8715	0.5396	-1.7785	8.3	B
Northern elephant seal	23	4.9422	101.9712	1.0271	-4.8347	10	A
Northern elephant seal	23	1.6866	257.131	0.3759	1.6443	0.7	B
Northern elephant seal	23	3.476	278.5558	-0.5161	3.4373	8.8	B
Northern elephant seal	23	30.2812	104.9873	7.9093	-29.2512	11.7	Z
Northern elephant seal	23	33.6754	252.689	10.1156	32.1502	4.9	A
Northern elephant seal	23	3.0742	58.4226	-1.6092	-2.619	0.2	B
Northern elephant seal	23	5.8484	69.4483	-2.0503	-5.4762	19.1	B
Northern elephant seal	23	30.0925	69.7574	-10.3364	-28.234	12.3	B
Northern elephant seal	23	74.6908	265.4454	6.4621	74.4569	9.7	Z
Northern elephant seal	23	10.6312	90.8781	0.174	-10.6299	18.3	A
Northern elephant seal	23	3.5008	112.3288	1.3311	-3.2383	13.6	B
Northern elephant seal	23	12.7697	236.3324	7.091	10.6278	20.5	B
Northern elephant seal	23	7.5305	287.6833	-2.282	7.1747	11.7	B
Northern elephant seal	23	16.0184	279.4608	-2.6062	15.8006	19.5	A
Northern elephant seal	23	13.4978	302.4468	-7.2282	11.3907	22.4	B
Northern elephant seal	23	814.7328	291.6313	-242.199	759.4014	9.1	B
Northern elephant seal	23	201.0622	297.1495	-88.4813	178.9329	16.4	B
Northern elephant seal	23	2.2321	240.9185	1.0853	1.9507	20	A
Northern elephant seal	23	3.4628	258.9484	0.6649	3.3986	11.2	B
Northern elephant seal	23	1.1989	302.0864	-0.6367	1.0157	18.4	0
Northern elephant seal	23	459.7801	109.0623	168.6872	-434.9116	19.4	Z
Northern elephant seal	23	6.7622	311.5099	-4.4791	5.0638	0.9	A
Northern elephant seal	23	11.5811	319.7848	-8.8383	7.4775	15.5	B
Northern elephant seal	23	5.9725	72.7195	-1.771	-5.7029	8.5	B
Northern elephant seal	23	5.978	67.7681	-2.259	-5.5336	0.9	B
Northern elephant seal	23	13.3066	235.8163	7.4874	11.0077	8.9	B
Northern elephant seal	23	7.4973	260.285	1.2702	7.3897	9.2	B
Northern elephant seal	23	10.9066	292.5625	-4.1755	10.0718	7.4	B
Northern elephant seal	23	1.041	198.622	0.9865	0.3324	18.4	B
Northern elephant seal	23	5.1254	231.2041	3.2128	3.9947	0.4	B
Northern elephant seal	23	6.648	103.44	1.549	-6.4659	1.2	B
Northern elephant seal	23	2.2108	196.2408	2.1226	0.6183	0.6	B

Northern elephant seal	23	12.1585	247.7822	4.6091	11.2558	7	B
Northern elephant seal	23	188.2076	72.8814	-52.5109	-179.8906	0.5	B
Northern elephant seal	23	2.9901	29.2036	-2.6098	-1.4589	0.4	B
Northern elephant seal	23	3.1708	131.2375	2.0907	-2.3844	0.2	B
Northern elephant seal	23	10.2843	237.0086	5.6062	8.626	13.3	B
Northern elephant seal	23	4.0122	317.7392	-2.9688	2.6982	7.8	B
Northern elephant seal	23	19.2955	10.3149	-18.9827	-3.455	16.6	B
Northern elephant seal	23	3.7443	42.9599	-2.7396	-2.5517	8	A
Northern elephant seal	23	1934.0724	97.3722	555.2192	-1940.0932	25.6	A
Northern elephant seal	23	3.819	315.6508	-2.7304	2.6696	14.2	B
Northern elephant seal	23	0.8098	63.2923	-0.3639	-0.7234	15.6	2
Northern elephant seal	23	7.886	149.9879	6.8296	-3.9445	14.4	B
Northern elephant seal	23	5.4569	287.3961	-1.6299	5.2073	0.5	B
Northern elephant seal	23	13.9888	289.3373	-4.6217	13.1996	15.6	B
Northern elephant seal	24	8.1511	111.4372	2.9825	-7.5872	14.5	B
Northern elephant seal	24	3.4066	257.9323	0.7129	3.3313	15.5	B
Northern elephant seal	24	3.9065	124.611	2.2195	-3.2151	5.3	A
Northern elephant seal	24	11.027	292.8967	-4.2841	10.1582	0.8	A
Northern elephant seal	24	377.1463	256.0345	99.2171	366.0752	11.5	B
Northern elephant seal	24	13.7373	105.4984	3.6814	-13.2377	4.3	B
Northern elephant seal	24	47.2316	240.2812	23.5258	41.0192	0.2	B
Northern elephant seal	24	7.7646	297.4196	-3.5725	6.8923	12	B
Northern elephant seal	24	17.1618	258.3164	3.4942	16.8062	7.3	A
Northern elephant seal	24	4.6505	122.8085	2.5208	-3.9086	9.3	B
Northern elephant seal	24	0.4541	73.0653	-0.1322	-0.4344	0.4	A
Northern elephant seal	24	5.3506	80.9939	-0.8355	-5.2847	25.9	B
Northern elephant seal	24	0.8151	292.3263	-0.3096	0.754	18.7	A
Northern elephant seal	24	0.9992	352.6062	-0.9909	0.1286	22.2	B
Northern elephant seal	24	5.025	275.7272	-0.4996	4.9999	10.7	B
Northern elephant seal	24	1.7474	269.513	0.0151	1.7473	14.7	B
Northern elephant seal	24	1.4906	49.2922	-0.9721	-1.13	1.3	B
Northern elephant seal	24	4.7353	68.7914	-1.7116	-4.4145	20	B
Northern elephant seal	24	50.1193	255.783	12.4773	48.5845	17.5	B
Northern elephant seal	24	5.1125	241.8575	2.4128	4.5081	15.9	B
Northern elephant seal	24	190.3332	296.5929	-83.2051	170.2046	14.5	Z
Northern elephant seal	24	677.7864	102.3142	175.5127	-662.8319	1.3	B
Northern elephant seal	24	847.0051	71.5503	-226.3564	-804.3827	45.2	B
Northern elephant seal	25	0.4871	238.759	0.2526	0.4164	14.4	B
Northern elephant seal	25	2.1485	339.8142	-2.0165	0.7414	17.7	B
Northern elephant seal	25	99.5132	252.0378	31.2098	94.664	0.6	B
Northern elephant seal	25	1.4423	272.9407	-0.0739	1.4404	13.8	A
Northern elephant seal	25	35.7867	74.0442	-9.769	-34.4081	13.4	B
Northern elephant seal	25	9.3098	139.9966	7.1334	-5.9846	1.4	B
Northern elephant seal	25	7.6607	133.7774	5.3019	-5.5313	22.3	B
Northern elephant seal	25	3.6182	185.6357	3.6007	0.3553	10.7	B
Northern elephant seal	25	12.1518	71.2632	-3.8955	-11.5078	4.9	B
Northern elephant seal	25	1.2007	87.976	-0.0423	-1.2	0.8	B
Northern elephant seal	25	4.3854	235.0767	2.5114	3.5957	16.2	B
Northern elephant seal	25	3.6026	304.1173	-2.0201	2.9826	16.6	B
Northern elephant seal	25	6.8112	50.4548	-4.3348	-5.2523	19.1	B
Northern elephant seal	25	1.0956	135.1426	0.7766	-0.7727	0.6	B
Northern elephant seal	25	9.6312	238.8014	4.9938	8.2383	13.1	B
Northern elephant seal	25	2.0187	79.1938	-0.3782	-1.9829	0.5	B
Northern elephant seal	25	2.9038	244.6498	1.2437	2.6242	9.1	B
Northern elephant seal	25	4.2633	58.1647	-2.2479	-3.622	10.4	B
Northern elephant seal	25	6.5237	106.1694	1.8195	-6.2657	0.2	A
Northern elephant seal	25	10.3275	358.2498	-10.3227	0.3154	2.8	B
Northern elephant seal	25	14.5229	73.852	-4.0253	-13.9499	5.8	B
Northern elephant seal	25	25.8937	254.9047	6.7878	25.0003	17.7	B
Northern elephant seal	25	56.6606	75.9847	-13.5057	-54.9743	12.6	Z
Northern elephant seal	25	8.4496	232.0503	5.1995	6.6629	22.5	B
Northern elephant seal	25	1.5136	63.7284	-0.6698	-1.3572	14.1	B
Northern elephant seal	25	6.5293	255.7775	1.6071	6.3292	22.8	B
Northern elephant seal	25	296.996	294.1538	-116.2017	271.0315	10.2	B
Northern elephant seal	25	3.3756	330.599	-2.9406	1.6571	0.6	A
Northern elephant seal	25	29.2923	95.5815	2.9117	-29.1535	0.7	B
Northern elephant seal	25	7.0389	273.0287	-0.3682	7.029	13.8	B
Northern elephant seal	25	2.0023	334.5476	-1.8079	0.8605	0.8	B

Northern elephant seal	25	3.6984	289.0704	-1.2074	3.4954	1.2	A
Northern elephant seal	25	14.4617	134.0298	10.0595	-10.3976	9.1	B
Northern elephant seal	25	1.3328	217.9179	1.0515	0.819	1	B
Northern elephant seal	25	2.571	77.6083	-0.5512	-2.5111	3.2	B
Northern elephant seal	25	2.2079	104.2677	0.5445	-2.1398	22.5	B
Northern elephant seal	25	2.5948	93.9759	0.1804	-2.5885	15.3	B
Northern elephant seal	25	17.5526	23.7723	-16.0595	-7.0755	6.9	B
Northern elephant seal	25	34.5534	289.6781	-11.5537	32.5355	0.5	B
Northern elephant seal	25	1.2699	88.555	-0.0319	-1.2695	18.8	B
Northern elephant seal	25	1.7482	216.02	1.4141	1.0281	21.5	B
Northern elephant seal	25	2.4423	334.7302	-2.2085	1.0426	0.8	A
Northern elephant seal	25	9.4387	117.6353	4.3834	-8.3619	14.7	B
Northern elephant seal	25	4.2892	106.9035	1.2484	-4.1039	32	B
Northern elephant seal	25	2.3318	77.2455	-0.5144	-2.2743	0.2	0
Northern elephant seal	25	1.6389	57.5693	-0.8788	-1.3833	6.3	A
Northern elephant seal	25	1.4348	87.4109	-0.0647	-1.4334	9.6	B
Northern elephant seal	25	0.8194	277.9674	-0.1135	0.8114	0.2	A
Northern elephant seal	25	1.2681	240.8548	0.6177	1.1075	1.2	A
Northern elephant seal	25	14.0695	279.2212	-2.2398	13.8877	2.6	B
Northern elephant seal	25	29.658	243.6623	13.2129	26.5794	6.3	B
Northern elephant seal	25	1.3632	311.3273	-0.9001	1.0237	9.3	B
Northern elephant seal	25	1.3647	120.5171	0.6931	-1.1756	0.2	B
Northern elephant seal	25	0.14	145.1032	0.1148	-0.0801	2.8	B
Northern elephant seal	25	23.6371	96.0959	2.5528	-23.5034	19.3	B
Northern elephant seal	25	1.444	245.1206	0.6076	1.31	2	B
Northern elephant seal	25	0.4967	187.1675	0.4928	0.062	22.7	B
Northern elephant seal	25	3.0449	82.669	-0.3879	-3.02	14.4	1
Northern elephant seal	25	1.7086	235.0064	0.98	1.3997	0.1	B
Northern elephant seal	25	8.8331	118.2794	4.1891	-7.7788	8.1	B
Northern elephant seal	25	4.9737	251.5033	1.5795	4.7168	13.3	B
Northern elephant seal	25	3.085	296.4141	-1.3718	2.7629	47.4	B
Northern elephant seal	25	7.1916	266.5462	0.4367	7.1786	9.6	B
Northern elephant seal	25	5.2686	235.7107	2.9693	4.3529	3.9	B
Northern elephant seal	25	18.5973	60.3348	-9.1886	-16.1598	6.2	B
Northern elephant seal	25	10.563	303.8325	-5.8765	8.7743	4.5	B
Northern elephant seal	25	4.1021	65.4065	-1.7064	-3.73	0.8	B
Northern elephant seal	25	1717.8332	97.8937	419.6156	-1710.2137	15	B
Northern elephant seal	25	849.9141	101.7648	214.881	-832.9406	16.9	B
Northern elephant seal	25	5.3433	293.3587	-2.1172	4.9054	0.7	B
Northern elephant seal	25	27.1407	271.7737	-0.7977	27.1277	0.7	B
Northern elephant seal	25	28.8232	103.7241	6.8833	-28.0003	0.2	B
Northern elephant seal	25	9.6263	117.3742	4.4304	-8.5483	13.3	B
Northern elephant seal	25	4.0058	188.9722	3.9568	0.6247	12.3	B
Northern elephant seal	25	9.2021	201.2729	8.5757	3.3386	0.6	B
Northern elephant seal	25	7.2825	42.8247	-5.3399	-4.9503	29.1	B
Northern elephant seal	25	13.8043	74.473	-3.6852	-13.3005	9.4	B
Northern elephant seal	25	11.9188	291.2583	-4.3144	11.1078	1	B
Northern elephant seal	25	6.5936	39.8133	-5.0638	-4.2218	0.7	B
Northern elephant seal	25	2.9484	280.5622	-0.54	2.8984	4.5	A
Northern elephant seal	25	8.7761	125.8923	5.148	-7.1097	10.4	B
Northern elephant seal	25	28.0847	104.165	6.9165	-27.2308	4	B
Northern elephant seal	25	1.257	193.3099	1.2233	0.2894	0.9	0
Northern elephant seal	26	10.4972	156.0949	9.5978	-4.2537	20	B
Northern elephant seal	26	15.1457	226.8613	10.3633	11.0518	1.8	B
Northern elephant seal	26	23.2053	102.3021	4.9746	-22.6725	24.3	B
Northern elephant seal	26	7.8603	69.4074	-2.7614	-7.358	18.4	B
Northern elephant seal	26	19.5744	71.1206	-6.3136	-18.5213	3.6	B
Northern elephant seal	26	18.0121	312.2002	-12.0864	13.3434	7.8	A
Northern elephant seal	26	8.2679	96.6146	0.9573	-8.2129	0.4	B
Northern elephant seal	26	856.7449	288.6341	-225.4303	813.1005	6.8	A
Northern elephant seal	26	1335.5327	260.7243	352.7003	1324.5432	13.9	B
Northern elephant seal	26	1128.1429	258.8814	314.9498	1110.7946	8.1	A
Northern elephant seal	26	25.42	247.7143	9.6825	23.5212	23.1	B
Northern elephant seal	26	7.5053	70.4031	-2.5134	-7.0705	11.3	B
Northern elephant seal	26	0.7785	146.1231	0.6464	-0.434	18.5	A
Northern elephant seal	26	5.1898	306.5609	-3.0901	4.1686	15.2	B
Northern elephant seal	26	1.6794	15.8611	-1.6155	-0.459	9.3	B
Northern elephant seal	26	2.852	306.8214	-1.7088	2.283	14.6	B

Northern elephant seal	26	1.0288	182.3481	1.0279	0.0421	14.4	B
Northern elephant seal	26	0.8371	121.1211	0.4327	-0.7166	31	A
Northern elephant seal	26	24.7811	250.2478	8.419	23.3231	0.5	A
Northern elephant seal	26	9.1967	45.0123	-6.4982	-6.5044	19.6	B
Northern elephant seal	26	2.5734	243.7689	1.1378	2.3084	26.9	B
Northern elephant seal	26	3.4407	216.8149	2.7549	2.0618	1	A
Northern elephant seal	26	3.631	113.572	1.4529	-3.328	15.9	B
Northern elephant seal	26	5.0911	98.5056	0.7551	-5.0351	1	B
Northern elephant seal	26	9.7698	261.7842	1.4037	9.6696	0.2	A
Northern elephant seal	26	2.5853	178.5084	2.5844	-0.0673	18.8	B
Northern elephant seal	26	15.2397	255.0666	3.9445	14.725	1	B
Northern elephant seal	26	4.2654	153.5129	3.8179	-1.9023	19.7	B
Northern elephant seal	26	2.8725	65.0691	-1.2103	-2.6049	23.1	B
Northern elephant seal	26	13.3877	101.3374	2.645	-13.1265	15	B
Northern elephant seal	26	9.2071	290.6659	-3.2437	8.6146	0.4	B
Northern elephant seal	26	5.2457	98.1297	0.7439	-5.1929	0.7	B
Northern elephant seal	26	13.9442	68.8064	-5.0285	-13.0011	0.4	B
Northern elephant seal	26	8.3469	29.3689	-7.273	-4.0936	4	B
Northern elephant seal	26	3.4646	239.2219	1.7735	2.9767	15.7	B
Northern elephant seal	26	9.9707	307.1589	-6.0183	7.9463	18.1	B
Northern elephant seal	26	0.7153	6.6115	-0.7106	-0.0824	0.5	O
Northern elephant seal	26	19.284	67.0635	-7.4948	-17.7593	9.9	A
Northern elephant seal	26	9.6427	115.5448	4.1629	-8.7001	17.5	B
Northern elephant seal	26	11.1642	313.322	-7.6556	8.1221	18.3	B
Northern elephant seal	26	6.726	357.2981	-6.7185	0.3171	1.2	B
Northern elephant seal	27	9.4946	83.7694	-1.0251	-9.4385	7.6	B
Northern elephant seal	27	16.9048	90.0531	0.0328	-16.9048	12.4	B
Northern elephant seal	27	2.0249	297.346	-0.93	1.7986	11.7	B
Northern elephant seal	27	17.315	98.8224	2.6733	-17.1101	1.6	B
Northern elephant seal	27	857.6613	287.7075	-219.1784	817.9284	19.5	A
Northern elephant seal	27	2.9023	281.3113	-0.5687	2.8459	0.4	B
Northern elephant seal	27	127.5979	285.0338	-31.9019	123.2358	15.5	B
Northern elephant seal	27	1.8802	22.2044	-1.7408	-0.7106	8.2	B
Northern elephant seal	27	3.8225	38.5403	-2.9894	-2.3816	0.7	B
Northern elephant seal	27	350.1967	256.5174	91.0183	340.6629	7.5	B
Northern elephant seal	27	82.7247	78.9476	-15.3339	-81.1919	17.4	B
Northern elephant seal	27	6.6704	118.184	3.153	-5.8795	0.3	B
Northern elephant seal	27	6.0247	105.6801	1.6303	-5.8005	0.2	B
Northern elephant seal	27	2.215	301.76	-1.1657	1.8833	7.4	B
Northern elephant seal	39	23.1445	257.5416	5.0253	22.5995	0	A
Northern elephant seal	39	33.7954	260.0933	5.8846	33.2916	0	Z
Northern elephant seal	39	2.2167	116.2559	0.9809	-1.988	0	B
Northern elephant seal	39	10.5213	70.5782	-3.4921	-9.9226	0	A
Northern elephant seal	39	29.2547	272.3384	-1.1355	29.2304	0	B
Northern elephant seal	39	137.4189	249.578	49.0883	128.7856	0	B
Northern elephant seal	39	25.389	207.1446	22.6018	11.5834	0	A
Northern elephant seal	39	35.0785	268.8801	0.7727	35.0719	0	B
Northern elephant seal	39	0.1881	89.8829	-0.0004	-0.1881	0	B
Northern elephant seal	39	2.2109	291.6894	-0.8168	2.0544	0	B
Northern elephant seal	39	5.2988	84.5478	-0.5014	-5.2748	0	A
Northern elephant seal	39	7.5715	246.9458	2.9686	6.9668	0	A
Northern elephant seal	39	8.5555	70.6244	-2.8336	-8.0709	0	B
Northern elephant seal	39	6.1852	252.0975	1.9039	5.8857	0	A
Northern elephant seal	39	69.3056	74.7274	-17.9285	-66.8587	0	Z
Northern elephant seal	39	25.2844	305.7504	-14.7413	20.52	0	Z
Northern elephant seal	39	3.5182	265.8619	0.2548	3.509	0	B
Northern elephant seal	39	1.7686	127.9485	1.0877	-1.3946	0	A
Northern elephant seal	39	4.5203	327.3935	-3.8074	2.4358	0	A
Northern elephant seal	39	3.5984	108.9594	1.17	-3.4032	0	B
Northern elephant seal	39	7.1373	243.175	3.2239	6.3693	0	B
Northern elephant seal	39	3.0928	226.5491	2.1274	2.2453	0	A
Northern elephant seal	39	78.5204	297.7267	-36.1751	69.5049	0	B
Northern elephant seal	39	141.7093	241.0097	69.8306	123.9563	0	B
Northern elephant seal	39	19.0401	293.0185	-7.4224	17.5241	0	B
Northern elephant seal	39	4.1822	96.9326	0.5061	-4.1516	0	O
Northern elephant seal	39	31.5221	110.1937	10.9462	-29.5845	0	B
Northern elephant seal	39	18.7218	295.6184	-8.0738	16.8814	0	B
Northern elephant seal	39	2.2769	169.7842	2.2409	-0.4038	0	A

Northern elephant seal	39	3.9575	68.7307	-1.4346	-3.6879	0	A
Northern elephant seal	39	4.8754	323.6214	-3.9247	2.8917	0	A
Northern elephant seal	39	3.1599	323.8604	-2.5516	1.8636	0	A
Northern elephant seal	39	86.7317	133.0651	59.4925	-63.3639	0	B
Northern elephant seal	39	18.1952	116.9425	8.2617	-16.2203	0	0
Northern elephant seal	39	0.4575	330.4977	-0.3982	0.2253	0	2
Northern elephant seal	39	7.2413	159.1858	6.7691	-2.5731	0	A
Northern elephant seal	39	3.2906	122.7314	1.7798	-2.7681	0	B
Northern elephant seal	39	28.1872	208.7075	24.7338	13.5394	0	B
Northern elephant seal	39	6.0092	173.5311	5.971	-0.677	0	B