































## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
344	02/25/2016	1:00 PM	Thu	Rich	0	0	0	117	0		CLR	72	60	3.0f	
345	02/25/2016	2:00 PM	Thu	Rich	0	0	0	120	0		CLR	72	60	2.0f	
346	02/25/2016	3:00 PM	Thu	Rich	0	0	0	122	0		CLR	72	60	1.0f	
347	02/25/2016	3:40 PM	Thu	JG	0	0	0	109	8	0					Included in counts: 10 pups seawrd, 3 pups landward
348	02/26/2016	6:25 AM	Fri	JG	0	0	0	50	10	0					Included in counts: 11 pups seen seaward, 3 pups (including one orphan) seen landward.
349	02/26/2016	2:00 PM	Fri	Rich	0	0	0	120	0		SCT	70	60	3.0f	
350	02/26/2016	3:10 PM	Fri	JG	0	0	0	114	0	0					count including 17 pups and 1 newborn at 3:10pm
351	02/27/2016	6:22 AM	Sat	JG	0	0	0	51	1	0					
352	02/27/2016	11:00 AM	Sat	Rich	0	0	0	95	0		SCT	70	60	3.5r	
353	02/27/2016	3:10 PM	Sat	JG	0	0	0	123	5	0					
354	02/27/2016	6:00 PM	Sat	Rich	0	0	0	142	0		SCT	68	60	1.0r	
355	02/28/2016	6:24 AM	Sun	JG	0	0	0	36	16	0					
356	02/28/2016	12:00 PM	Sun	Rich	0	0	0	114	0		BKN	68	60	3.0r	1 sea lion
357	02/28/2016	1:00 PM	Sun	Rich	0	0	0	129	0		BKN	68	60	3.0f	
358	02/28/2016	2:00 PM	Sun	Rich	0	0	0	142	0		SCT	68	60	2.5f	
359	02/28/2016	3:00 PM	Sun	Rich	0	0	0	155	0		SCT	68	60	2.0f	
360	02/28/2016	4:00 PM	Sun	Rich	0	0	0	162	0		SCT	66	60	1.8f	
361	02/29/2016	11:00 AM	Mon	Rich	0	0	0	100	0		OVC	68	60	2.0r	1 sea lion
362	02/29/2016	12:00 PM	Mon	Rich	0	0	0	106	0		OVC	68	60	2.2r	1 sea lion
363	02/29/2016	1:00 PM	Mon	Rich	0	0	0	110	0		OVC	68	60	2.4r	1 sea lion, 40 pups counted
364	03/01/2016	6:45 AM	Tue	JG	0	0	0	48	0	0					Included: 8 pups seaward
365	03/01/2016	3:30 PM	Tue	Rich	0	0	0	144	0		SCT	66	60	2.2r	2 sea lions
366	03/01/2016	4:00 PM	Tue	Rich	0	0	0	146	0		SCT	66	60	2.3r	2 sea lions
367	03/01/2016	5:00 PM	Tue	JG	0	0	0	127	0	0					Included: 18 pups AND 1 newborn
368	03/01/2016	5:00 PM	Tue	Rich	0	0	0	148	0		BKN	65	60	2.5f	2 sea lions
369	03/02/2016	6:18 AM	Wed	JG	0	0	0	41	0	0					Included: 8 pups seaward
370	03/02/2016	11:30 AM	Wed	Rich	0	0	0	75	0		SCT	65	60	1.0r	
371	03/02/2016	12:00 PM	Wed	Rich	0	0	0	77	0		SCT	65	60	1.5r	
372	03/02/2016	1:00 PM	Wed	Rich	0	0	0	86	0		SCT	66	60	2.0r	

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373	03/02/2016	2:00 PM	Wed	Rich	0	0	0	102	0		SCT	66	60	2.5r	
374	03/02/2016	5:35 PM	Wed	JG	0	0	0	106	0	0					Included: 16 pups AND one newborn. Channel 10 camera crew arrived.
375	03/02/2016	5:50 PM	Wed	CU	0	0	0	115	0	0	SCT	58	63	Falling	Footprints on sand near water and resting seals. 2.5' waves. 25 seals observed on South Casa Beach. People were on South Casa Beach, but kindly left when I spoke to them. A family reported to me that they had seen an injured seal on South Casa Beach with a big gash in his or her neck. It was dark and I couldn't observe this, but I will report it to Sea World tomorrow.
376	03/03/2016	6:28 AM	Thu	JG	0	0	0	45	2	0					Included: 13 pups seaward
377	03/03/2016	11:00 AM	Thu	Rich	0	0	0	81	0		OVC	64	60	1.0f	
378	03/03/2016	12:00 PM	Thu	Rich	0	0	0	91	0		OVC	65	60	0.5r	
379	03/03/2016	1:00 PM	Thu	Rich	0	0	0	101	0		OVC	65	60	1.0r	
380	03/03/2016	2:41 PM	Thu	JG	0	0	0	103	0	0					Included: 17 pups
381	03/03/2016	4:45 PM	Thu	CU	0	0	0	146	2	0	OVC	62	61	Rising.	Footprints observed on Casas Beach. 14 Seals on South Casas beach. 2 spear fishermen emerged from the water and flushed two seals - one a mother who did turn back to her pup when she reached the water. The men did walk around the seals to climb stairs to exit. 6 others people on the stairs. When I spoke to them about the importance of not startling the seals, they stayed on the stairs and took pictures from there. All 6 were respectful and pleasant. 6:37 high time. Sunset 5:48 pm.
382	03/03/2016	9:30 PM	Thu	JR	0	0	0	115	0	0	CLR	54	61	2.8 f	
383	03/04/2016	6:19 AM	Fri	JG	0	0	0	21	3	0					Included: 3 pups seaward. Lots of pups swimming.
384	03/04/2016	8:30 AM	Fri	Rich	0	0	0	62	0		BKN	62	60	3.5f	
385	03/04/2016	12:30 PM	Fri	Rich	0	0	0	100	0		BKN	70	60	0.0f	
386	03/04/2016	4:35 PM	Fri	JG	0	0	0	135	0	0					Included: 21 pups seaward
387	03/05/2016	7:30 AM	Sat	Zach	0	0	0	47	10	0	OVC				12 pups
388	03/05/2016	11:00 AM	Sat	Rich	0	0	0	99	0		SCT	72	60	2.5f	
389	03/05/2016	6:30 PM	Sat	JR	0	0	0	85	7	0	CLR	63	61	3.8 r	
390	03/06/2016	7:04 AM	Sun	JG	0	0	0	29	14	0					Included: 3 pups landward, 5 pups seaward
391	03/06/2016	3:00 PM	Sun	JR	0	0	0	139	0	0	CLR	63	61	0.1r	



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392	03/06/2016	4:20 PM	Sun	Deb	0	0	0	161	0	0	CLR	63	62	1.46 R	30 pups
393	03/06/2016	4:46 PM	Sun	JG	0		0	135	0	0					Included: 24 pups seaward
394	03/07/2016	6:15 AM	Mon	JG	0	0	0	24	4	0					Included: 1 pup landward, 9 pups seaward
395	03/07/2016	7:00 AM	Mon	JG	0	0	0	17	18	0					Included: 3 pups landward, 4 pups seaward
396	03/07/2016	11:20 AM	Mon	JR	0	0	0	110	13	0	RAIN	52	61	1.9f	
397	03/07/2016	1:00 PM	Mon	Rich	0	0	0	162	0		SCT	60	60	-0.9	
398	03/07/2016	2:00 PM	Mon	Rich	0	0	0	161	0		SCT	60	60	-1.1	1 sea lion
399	03/07/2016	3:00 PM	Mon	Rich	0	0	0	165	0		BKN	58	60	-1.1	1 sea lion
400	03/07/2016	3:34 PM	Mon	JG	0	0	0	133	0	0					Included: 22 pups
401	03/07/2016	4:00 PM	Mon	Rich	0	0	0	166	0		BKN	58	60	-0.5	1 sea lion
402	03/07/2016	7:14 PM	Mon	JG	0	0	0	24	20	0					Included: 6 pups landward, 6 pups seaward
403	03/08/2016	6:17 AM	Tue	JG	0	0	0	18	10	0					Included: 5 pups landward, 6 pups seaward
404	03/08/2016	10:14 AM	Tue	JG	0	0	0	69	41	0					Included: 11 pups landward, 11 pups seaward
405	03/08/2016	12:00 PM	Tue	Rich	0	0	0	167	0		CLR	64	60	3.0f	1 sea lion
406	03/08/2016	1:00 PM	Tue	Rich	0	0	0	179	0		CLR	65	60	2.0f	1 sea lion
407	03/08/2016	2:00 PM	Tue	Rich	0	0	0	181	0		CLR	65	60	0.5f	1 sea lion
408	03/08/2016	3:00 PM	Tue	Rich	0	0	0	194	0		CLR	64	60	-1.1	1 sea lion
409	03/08/2016	4:00 PM	Tue	Rich	0	0	0	197	0		CLR	64	60	-1.2	1 sea lion, 44 pups observed
410	03/09/2016	9:00 AM	Wed	JR	0	0	0	65	13	0	CLR	65	61	6.3g	
411	03/09/2016	12:25 PM	Wed	Rich	0	0	0	115	0		SCT	67	60	2.5f	3 sea lions
412	03/09/2016	1:00 PM	Wed	Rich	0	0	0	124	0		SCT	67	60	1.5f	3 sea lions
413	03/09/2016	2:00 PM	Wed	Rich	0	0	0	134	0		SCT	67	60	0.5f	3 sea lions
414	03/09/2016	3:00 PM	Wed	Rich	0	0	0	147	0		BKN	65	60	-0.5	3 sea lions
415	03/10/2016	6:20 AM	Thu	JG	0	0	0	44	6	0					Included: 10 pups seaward
416	03/10/2016	12:10 PM	Thu	Rich	0	0	0	118	0		SCT	70	60	4.0f	
417	03/10/2016	1:00 PM	Thu	Rich	0	0	0	138	0		BKN	70	60	3.0f	
418	03/10/2016	2:00 PM	Thu	Rich	0	0	0	156	0		BKN	70	60	2.0f	52 pups observed
419	03/10/2016	3:30 PM	Thu	ES	0	0	0	146	0	0	SCT	66	62	mod	26 pups
420	03/10/2016	4:10 PM	Thu	JG	0	0	0	127	0	0					Included: 24 pups seaward
421	03/11/2016	6:15 AM	Fri	JG	0	0	0	58	8	0					Included: 14 pups seaward

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422	03/11/2016	11:00 AM	Fri	Rich	0	0	0	111	0		SCT	68	61	4.5f	
423	03/11/2016	12:00 PM	Fri	Rich	0	0	0	128	0		CLR	68	61	4.0f	
424	03/11/2016	2:15 PM	Fri	JG	0	0	0	160	0	0					Included: 31 pups
425	03/11/2016	4:30 PM	Fri	Rich	0	0	0	35	0		RAIN	64	61	0.5f	
426	03/12/2016	7:09 AM	Sat	JG	0	0	0	55	3	0					Included: 17 pups seaward
427	03/12/2016	12:00 PM	Sat	Rich	0	0	0	128	0		SCT	65	61	4.0f	
428	03/12/2016	12:45 PM	Sat	JG	0	0	0	116	1	0					One seal in labor, landward
429	03/12/2016	2:00 PM	Sat	JR	0	0	0	168	5	0	CLR	63	61	3.1f	30 pups
430	03/12/2016	6:30 PM	Sat	Rich	0	0	0	150	0		CLR	60	61	0.5r	
431	03/13/2016	6:39 AM	Sun	JG	0	0	0	38	15	0					Included: 11 pups seaward, 7 pups landward
432	03/13/2016	12:15 PM	Sun	Rich	0	0	0	86	0		SCT	65	61	3.0r	
433	03/13/2016	1:00 PM	Sun	Rich	0	0	0	97	0		SCT	65	61	3.5r	
434	03/13/2016	2:00 PM	Sun	Rich	0	0	0	133	0		SCT	65	61	3.5f	
435	03/13/2016	3:00 PM	Sun	Rich	0	0	0	145	0		SCT	64	61	3.0f	1 sea lion
436	03/13/2016	4:00 PM	Sun	JG	0	0	0	136	4	0					Included: 33 pups seaward, 2 pups landward
437	03/13/2016	4:00 PM	Sun	Rich	0	0	0	165	0		BKN	62	61	2.7f	
438	03/13/2016	4:45 PM	Sun	Deb	0	0	0	162	4	0	SCT	62	63	2.01 F	@38 pups. At least 5 without moms. A brown spotted mom mid beach with a rope around neck.
439	03/13/2016	7:15 PM	Sun	JR	0	0	0	120	1	0	OVC	63	61	1.3r	
440	03/14/2016	12:00 PM	Mon	Rich	0	0	0	107	0		BKN	62	61	2.0r	
441	03/14/2016	1:00 PM	Mon	Rich	0	0	0	119	0		BKN	64	61	2.5r	
442	03/14/2016	2:00 PM	Mon	Rich	0	0	0	120	0		SCT	64	61	2.7r	
443	03/14/2016	2:44 PM	Mon	JG	0	0	0	127	0	0					Included: 33 pups seaward
444	03/14/2016	3:00 PM	Mon	Rich	0	0	0	138	0		SCT	64	61	3.0r	
445	03/14/2016	4:00 PM	Mon	Rich	0	0	0	144	0		SCT	64	61	3.0f	
446	03/15/2016	6:25 AM	Tue	JG	0	0	0	36	11	0					Included: 10 pups seaward, 4 pups landward
447	03/15/2016	11:05 AM	Tue	JG	0	0	0	57	0	0					Included: 17 pups seaward, 1 newborn
448	03/15/2016	11:30 AM	Tue	Rich	0	0	0	76	0		SCT	66	61	1.0r	
449	03/15/2016	12:00 PM	Tue	Rich	0	0	0	76	0		SCT	66	61	1.5r	
450	03/15/2016	1:00 PM	Tue	Rich	0	0	0	102	0		SCT	66	61	2.0r	
451	03/15/2016	2:00 PM	Tue	Rich	0	0	0	124	0		SCT	66	61	2.5r	1 sea lion

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452	03/15/2016	2:43 PM	Tue	JG	0	0	0	92	2	0	CLR				Included: 1 pup landward, 22 pups seaward
453	03/15/2016	3:00 PM	Tue	Rich	0	0	0	136	0		SCT	66	61	2.6r	1 sea lion
454	03/15/2016	4:00 PM	Tue	Rich	0	0	0	145	0		SCT	64	61	2.8r	1 sea lion, 59 pups observed
455	03/16/2016	5:20 AM	Wed	JG	0	0	0	107	0	0					Included: 23 pups seaward
456	03/16/2016	6:05 AM	Wed	JG	0	0	0	35	12	0					Included: 9 pups seaward, 4 pups landward
457	03/16/2016	12:15 PM	Wed	Rich	0	0	0	67	0		CLR	68	61	0.5r	pup #60 born on South Casa @1245
458	03/16/2016	1:00 PM	Wed	Rich	0	0	0	79	0		CLR	68	61	0.8r	
459	03/16/2016	2:00 PM	Wed	Rich	0	0	0	88	0		CLR	68	61	1.0r	
460	03/16/2016	3:00 PM	Wed	Rich	0	0	0	102	0		CLR	68	61	1.5r	1 sea lion
461	03/16/2016	4:00 PM	Wed	Rich	0	0	0	105	0		CLR	66	61	2.0r	1 sea lion
462	03/17/2016	6:00 AM	Thu	JG	0	0	0	33	0	0					Included: 8 pups seaward
463	03/17/2016	9:30 AM	Thu	JG	0	0	0	33	0	0					Included: 10 pups. 8 pups and moms swimming.
464	03/17/2016	11:15 AM	Thu	Rich	0	0	0	43	0		fog	68	61	0.5f	1 sea lion
465	03/17/2016	12:00 PM	Thu	Rich	0	0	0	71	0		CLR	68	61	0.0f	1 sea lion
466	03/17/2016	1:00 PM	Thu	Rich	0	0	0	77	0		CLR	70	61	-0.2	1 sea lion
467	03/17/2016	3:25 PM	Thu	JG	0	0	0	65	0	0					Included: 16 pups seaward
468	03/18/2016	6:00 AM	Fri	JG	0	0	0	36	1	0					Included: 9 pups seaward
469	03/18/2016	9:15 AM	Fri	JG	0	0	0	52	1	0					Included: 14 pups seaward
470	03/18/2016	4:00 PM	Fri	JG	0	0	0	100	0	0					Included: 26 pups seaward
471	03/20/2016	12:10 AM	Sun	JG	0	0	0	51	0	0					Included: 13 pups seaward. Multi swimming
472	03/20/2016	6:52 AM	Sun	JG	0	0	0	39	0	0					Included: 11 pups seaward. Multi pups swimming
473	03/20/2016	3:10 PM	Sun	Deb	0	0	0	59	0	0	CLR	67	65	-.2 R	Very low tide. 15-20 seals swimming in pool - at least 5 mom/pup pairs. 11 pups on beach. 2 pups without moms. 1 abandoned pup crying and trying to bond with other moms unsuccessfully. 8 pelicans on the beach and more on the bluffs!
474	03/20/2016	4:15 PM	Sun	Kathy	0	0	0	92	0	0	CLR	64	64	.5 R	25 pups on beach  1 baby sea lion who needs a rescue He is resting without moving much. 32 seals on the west rock -very low tide
475	03/21/2016	7:10 AM	Mon	JG	0	0	0	39	0	0					Included: 6 pups seaward. Multi seals and pups swimming

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476	03/21/2016	1:15 PM	Mon	JG	0	0	0	94	0	0					Included: 17 pups seaward
477	03/21/2016	1:45 PM	Mon	Rich	0	0	0	108	0		OVC	66	62	-0.5	1 sea lion
478	03/22/2016	6:00 AM	Tue	JG	0	0	0	56	0	0					
479	03/22/2016	11:00 AM	Tue	JG	0	0	0	95	0	0					Included: 23 pups. Multi seals swimming
480	03/22/2016	3:00 PM	Tue	Rich	0	0	0	137	0		SCT	68	62	0.5f	
481	03/22/2016	3:45 PM	Tue	JG	0	0	0	136	0	0					Included: 26 pups seaward
482	03/22/2016	4:00 PM	Tue	Rich	0	0	0	142	0		SCT	68	62	0.5r	
483	03/22/2016	8:00 PM	Tue	JR	0	0	0	100	15	0	CLR	61	61	5r	
484	03/23/2016	3:15 AM	Wed	JG	0	0	0	103	0	0					Multiple seals swimming
485	03/23/2016	6:30 AM	Wed	JG	0	0	0	29	0	0					
486	03/23/2016	11:15 AM	Wed	Rich	0	0	0	60	0		SCT	66	62	4.5f	
487	03/23/2016	11:35 AM	Wed	JG	0	0	0	79	0	0					Lots of seals swimming
488	03/23/2016	12:00 PM	Wed	Rich	0	0	0	77	0		CLR	66	62	3.5f	
489	03/23/2016	1:00 PM	Wed	Rich	0	0	0	102	0		CLR	66	62	3.0f	
490	03/23/2016	2:00 PM	Wed	Rich	0	0	0	111	0		CLR	68	62	2.0f	
491	03/23/2016	3:00 PM	Wed	Rich	0	0	0	126	0		CLR	68	62	1.0f	
492	03/23/2016	4:00 PM	Wed	JR	0	0	0	61	0	0	CLR	66	61	0.2	
493	03/23/2016	4:00 PM	Wed	Rich	0	0	0	131	0		CLR	66	62	0.5f	
494	03/24/2016	1:00 PM	Thu	Rich	0	0	0	74	0		CLR	72	62	3.5f	
495	03/24/2016	1:05 PM	Thu	JG	0	0	0	53	0	0					Multiple seals swimming
496	03/24/2016	2:00 PM	Thu	Rich	0	0	0	84	0		CLR	72	62	2.5f	
497	03/24/2016	3:00 PM	Thu	Rich	0	0	0	92	0		CLR	72	62	1.5f	
498	03/24/2016	6:00 PM	Thu	JR	0	0	0	73	0	0	CLR	70	61	0.6f	
499	03/25/2016	7:11 AM	Fri	JG	0	0	0	21	0	0					
500	03/25/2016	3:08 PM	Fri	JG	0	0	0	103	0	0					
501	03/26/2016	6:18 AM	Sat	JG	0	0	0	83	0	0					
502	03/26/2016	9:40 AM	Sat		0	0	0	42	0	0					
503	03/26/2016	1:00 PM	Sat	JG	0	0	0	82	0	0					Included: 25 pups seaward

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504	03/26/2016	5:15 PM	Sat	Deb	0	0	0	142	0	0	SCT	65	63	1.48 F	Easter Sunday! 22 pups on beach. Mom just crawled up rock to find her pup, and both swam into the pool and onto the beach to nurse. Amazing!!! 28 seals on S Casa. Good docent coverage this afternoon! ☐
505	03/27/2016	10:45 AM	Sun	JG	0	0	0	34	0	0					Included: 10 pups seaward
506	03/27/2016	1:00 PM	Sun	JG	0	0	0	66	0	0					Included: 23 pups seaward
507	03/27/2016	1:00 PM	Sun	Rich	0	0	0	76	0		BKN	70	62	3.0f	
508	03/27/2016	2:00 PM	Sun	Rich	0	0	0	91	0		BKN	70	62	2.5f	
509	03/27/2016	3:00 PM	Sun	Rich	0	0	0	116	0		SCT	70	62	2.0f	
510	03/27/2016	4:00 PM	Sun	Rich	0	0	0	120	0		SCT	70	62	2.0r	
511	03/28/2016	6:00 AM	Mon	JG	0	0	0	85	0	0					Included: 22 pups seaward
512	03/28/2016	10:00 AM	Mon	JG	0	0	0	86	0	0					Included: 29 pups seaward
513	03/28/2016	12:45 PM	Mon	Rich	0	0	0	105	0		BKN	62	62	3.0r	
514	03/28/2016	2:00 PM	Mon	Rich	0	0	0	131	0		BKN	62	62	2.5f	
515	03/28/2016	3:00 PM	Mon	Rich	0	0	0	140	0		SCT	61	62	2.0f	
516	03/28/2016	3:15 PM	Mon	JR	0	0	0	142	0	0	OVC	65	61	0.2r	
517	03/28/2016	3:35 PM	Mon	JG	0	0	0	125	0	0					Included: 28 pups seaward
518	03/29/2016	6:05 AM	Tue	JG	0	0	0	61	3	0					Included: 18 pups seaward.
519	03/29/2016	11:00 AM	Tue	JG	0	0	0	72	0	0					Included: 20 pups seaward
520	03/29/2016	1:30 PM	Tue	Rich	0	0	0	118	0		SCT	63	62	2.5r	
521	03/29/2016	2:00 PM	Tue	Rich	0	0	0	124	0		SCT	63	62	2.7r	
522	03/29/2016	3:00 PM	Tue	Rich	0	0	0	135	0		SCT	63	62	2.5f	
523	03/30/2016	6:15 AM	Wed	JG	0	0	0	58	3	0					Included: 26 pups seaward
524	03/30/2016	11:45 AM	Wed	JG	0	0	0	64	0	0					Included: 23 pups seaward
525	03/30/2016	3:45 PM	Wed	JG	0	0	0	131	0	0					Included: 26 pups seaward
526	03/30/2016	7:45 PM	Wed	JR	0	0	0	115	0	0	CLR	65	61	3.7r	
527	03/31/2016	6:05 AM	Thu	JG	0	0	0	64	0	0					Included: 21 pups seaward
528	03/31/2016	10:40 AM	Thu	JG	0	0	0	34	0	0					Included: 6 pups seaward
529	03/31/2016	4:00 PM	Thu	JR	0	0	0	50	0	0	CLR	65	61	1r	
530	03/31/2016	5:30 PM	Thu	JG	0	0	0	115	0	0					Included: 27 pups seaward
531	04/01/2016	10:16 AM	Fri	JG	0	0	0	55	1	0					Included: 14 pups seaward

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
532	04/01/2016	1:06 PM	Fri	JG	0	0	0	60	0	0					Included: 8 pup seaward. 4 pups swimming close to shore. One orphaned pup looks malnourished.
533	04/02/2016	6:25 AM	Sat	JG	0	0	0	47	0	0					Included: 8 pups seaward. The lone orphan is the one who was born last week. It is skinny but seems to be doing okay for now. It stays with another orphan.
534	04/02/2016	1:52 PM	Sat	JG	0	0	0	23	0	0					Included: 6 pups seaward.
535	04/03/2016	6:30 AM	Sun	JG	0	0	0	35	0	0					Included: 3 pups
536	04/03/2016	10:30 AM	Sun	JG	0	0	0	67	0	0					Included: 18 pups
537	04/03/2016	12:00 PM	Sun	Rich	0	0	0	82	0		OVC	65	63	0.0f	
538	04/03/2016	1:00 PM	Sun	Rich	0	0	0	90	0		OVC	65	63	-0.2	
539	04/03/2016	2:00 PM	Sun	Rich	0	0	0	101	0		OVC	65	63	0.0r	
540	04/03/2016	3:00 PM	Sun	Rich	0	0	0	110	0		BKN	65	63	0.5r	
541	04/03/2016	3:25 PM	Sun	JG	0	0	0	93	0	0					Included: 19 pups seaward
542	04/03/2016	5:55 PM	Sun	Deb	0	0	0	104	1	0	SCT	69	63	3.59 R	12 pups. 6 mom/pup pairs in pool. 1 sea lion pup molting, not looking too bad. Surf rough. 20 seals on S Casa. Tide pretty high.
543	04/03/2016	7:52 PM	Sun	JR	0	0	0	78	0	0	SCT	65	61	3.7r	
544	04/04/2016	3:40 AM	Mon	JR	0	0	0	42	0	0	CLR	65	61	-0.2r	
545	04/04/2016	6:01 AM	Mon	JG	0	0	0	31	0	0					Included: 8 pups seaward
546	04/04/2016	9:30 AM	Mon	JG	0	0	0	76	0	0					Included: 15 pups seaward
547	04/04/2016	2:00 PM	Mon	Rich	0	0	0	60	0		SCT	68	63	-0.5	1 sea lion
548	04/04/2016	3:00 PM	Mon	Rich	0	0	0	71	0		SCT	68	63	0.0r	
549	04/04/2016	3:55 PM	Mon	JG	0	0	0	55	0	0					Included: 12 pups
550	04/04/2016	4:00 PM	Mon	Rich	0	0	0	82	0		SCT	68	63	0.5r	
551	04/04/2016	6:45 PM	Mon	JR	0	0	0	82	0	0	SCT	65	61	4r	
552	04/05/2016	6:05 AM	Tue	JG	0	0	0	41	0	0					Included: 9 pups seaward
553	04/05/2016	9:45 AM	Tue	JG	0	0	0	63	0	0					Included: 20 pups seaward
554	04/05/2016	12:30 PM	Tue	JR	0	0	0	27	0	0	CLR	67	61	2f	
555	04/05/2016	3:40 PM	Tue	JG	0	0	0	26	0	0					Included: 8 pups
556	04/05/2016	7:30 PM	Tue	JR	0	0	0	45	0	0	CLR	65	61	4r	
557	04/06/2016	12:15 AM	Wed	JG	0	0	0	108	6	0					
558	04/06/2016	7:20 AM	Wed	JG	0	0	0	41	0	0					Included: 9 pups seaward

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
559	04/06/2016	11:38 AM	Wed	JR	0	0	0	65	0	0	OVC	65	61	2.8f	
560	04/06/2016	3:00 PM	Wed	JG	0	0	0	24	0	0					Included: 9 pups seaward
561	04/06/2016	5:15 PM	Wed	CU	0	0	0	45	0	0	OVC	64	63	Rising.	9:23 pm high tide. One mother and pup on South Casas, though several were observed in the water offshore of South Casas. 5 people on the beach near the two seals. When I cautioned them to step away for fear of startling the mother, which could lead to an abandonment, the people cooperated and were pleasant. Two of them thanked me because they didn't realize that the seals are easily frightened and could abandon their pups. I find this to be the usual case - that people don't know and are grateful for the information. It only emphasizes the importance of education for the general public.
562	04/06/2016	9:08 PM	Wed	JR	0	0	0	45	2	0	OVC	65	61	2.8r	
563	04/07/2016	6:34 AM	Thu	Jf	0	0	0	32	1	0	RAIN	63	61	4f	
564	04/07/2016	2:50 PM	Thu	JG	0	0	0	39	0	0					Included: 8 pups seaward
565	04/07/2016	7:22 PM	Thu	JR	0	0	0	50	0	0	RAIN	63	61	3.8r	
566	04/08/2016	12:15 AM	Fri	JG	0	0	0	101	12	0	RAIN	62	61	-0.5f	
567	04/08/2016	2:00 PM	Fri	JG	0	0	0	108	0	0					Included: 23 pups seaward
568	04/09/2016	6:30 AM	Sat	JG	0	0	0	55	0	0	SCT	57	60	4.8r	
569	04/09/2016	11:30 AM	Sat	CU	0	0	0	145	0	0	SCT	67	63	Falling	Tide had just turned at 11:19 a.m. 4 seals on South Casas Beach, with lots of people (about 25) and some children playing in the water. An exhausted mother and pup who frequent this beach came ashore, and people were respectful after I asked them to step back from them. A game warden appeared about 12:15 pm and stood watch on rocks half way down the stairs. I spoke to him and he said they are trying to be more present at the request of Michelle at NOAA. He says he typically spends 2 1/2 hours there and another officer then takes over. However, they are short staffed so are doing the best they can. He spoke to several members of the public while I was there. Very excited to see him and a bigger law enforcement presence!

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
570	04/10/2016	12:45 AM	Sun	JG	0	0	0	123	25	0	RAIN	60	60	6.3f	
571	04/10/2016	7:05 AM	Sun	JG	0	0	0	36	0	0	OVC	63	61	3r	
572	04/10/2016	12:00 PM	Sun	JG	0	0	0	94	0	0					Included: 16 pups seaward
573	04/10/2016	12:00 PM	Sun	Rich	0	0	0	127	0		SCT	68	63	3.5r	
574	04/10/2016	1:00 PM	Sun	Rich	0	0	0	143	0		SCT	68	63	4.0f	
575	04/10/2016	1:20 PM	Sun	Rich	0	1	0	90	0	60					Observed w/m go onto beach to retrieve trash being picked at by gulls. 60 of 150 seals flushed. Contacted w/m who said he was concerned about the gulls consuming plastic. Released with warning.
576	04/10/2016	2:00 PM	Sun	Rich	0	0	0	167	0		SCT	68	63	3.0f	
577	04/10/2016	3:00 PM	Sun	Rich	0	0	0	190	0		SCT	66	63	2.5f	
578	04/10/2016	4:00 PM	Sun	Rich	0	0	0	194	0		SCT	66	63	2.0f	
579	04/10/2016	5:00 PM	Sun	Deb	0	0	0	207	0	0	SCT	67	62	2.28 F	22 pups on Casa. 30 seals on S Casa and 5 pups. 20 seals on west rocks. Spoke with Fish and Game warden overseeing S Casa.
580	04/11/2016	6:05 AM	Mon	JG	0	0	0	78	9	0	CLR	55	59	0f	
581	04/11/2016	12:30 PM	Mon	Rich	0	0	0	60	0		BKN	68	63	3.0r	1 sea lion
582	04/11/2016	1:00 PM	Mon	Rich	0	0	0	84	0		BKN	68	63	3.5r	1 sea lion
583	04/11/2016	2:00 PM	Mon	Rich	0	0	0	112	0		BKN	66	63	3.5f	1 sea lion
584	04/11/2016	3:00 PM	Mon	Rich	0	0	0	112	0		BKN	64	63	3.0f	1 sea lion
585	04/11/2016	3:20 PM	Mon	JG	0	0	0	105	0	0					Included: 12 pups seaward
586	04/11/2016	4:00 PM	Mon	Rich	0	0	0	129	0		BKN	65	63	2.5f	1 sea lion
587	04/12/2016	6:05 AM	Tue	JG	0	0	0	81	1	0	OVC	61	61	-0.1	
588	04/12/2016	1:30 PM	Tue	Rich	0	0	0	83	0		SCT	67	63	2.5r	1 sea lion
589	04/12/2016	2:00 PM	Tue	Rich	0	0	0	98	0		SCT	65	63	3.0r	1 sea lion
590	04/12/2016	3:00 PM	Tue	Rich	0	0	0	127	0		BKN	64	63	3.3r	1 sea lion
591	04/12/2016	3:10 PM	Tue	JG	0	0	0	121	0	0					Included: 23 pups seaward. 2 pups less than a week old.
592	04/13/2016	6:50 AM	Wed	JG	0	0	0	121	2	0	OVC	61	60	4f	
593	04/13/2016	12:00 PM	Wed	Rich	0	0	0	65	0		SCT	67	63	0.5r	
594	04/13/2016	1:00 PM	Wed	Rich	0	0	0	87	0		SCT	65	63	1.0r	nursing pups #61 & 62 on CPB.



## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

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595	04/13/2016	2:00 PM	Wed	Rich	0	0	0	110	0		SCT	65	63	2.0r	nursing pup #63 on SC
596	04/13/2016	4:15 PM	Wed	JG	0	0	0	112	0	0					Included: 24 pups seaward
597	04/14/2016	6:55 AM	Thu	JG	0	0	0	98	2	0	OVC	62	60	1f	
598	04/14/2016	11:15 AM	Thu	Rich	0	0	0	70	0		SCT	70	63	0.5r	1 juvi elephant seal
599	04/14/2016	12:00 PM	Thu	Rich	0	0	0	73	0		SCT	70	63	0.7r	1 juvi elephant seal
600	04/14/2016	1:00 PM	Thu	Rich	0	0	0	76	0		SCT	70	63	1.5r	1 juvi elephant seal
601	04/14/2016	2:00 PM	Thu	Rich	0	0	0	122	0		SCT	70	63	2.0r	1 juvi elephant seal
602	04/14/2016	4:25 PM	Thu	JG	0	0	0	152	1	9	CLR	65	60	2.8 f	
603	04/14/2016	10:00 PM	Thu	JG	0	0	0	200	6	0	CLR	65	61	3.2f	
604	04/15/2016	9:50 AM	Fri	JG	0	0	0	73	0	0					Included: 11 pups seaward
605	04/15/2016	2:45 PM	Fri	JG	0	0	0	97	0	0					Included: 9 pups seaward.
606	04/16/2016	6:04 AM	Sat	JG	0	0	0	100	6	0					Included: 17 pups seaward
607	04/16/2016	2:50 PM	Sat	JG	0	0	0	71	0	0					Included: 14 pups seaward
608	04/17/2016	2:00 PM	Sun	Rich	0	0	0	44	0		CLR	82	63	0.5r	
609	04/17/2016	3:00 PM	Sun	Rich	0	0	0	42	0		CLR	82	63	1.0r	
610	04/17/2016	4:00 PM	Sun	Rich	0	0	0	62	0		CLR	80	63	1.5r	
611	04/18/2016	1:00 PM	Mon	Rich	0	0	0	54	0		CLR	80	63	1.0f	
612	04/18/2016	2:00 PM	Mon	Rich	0	0	0	65	0		CLR	81	63	0.5f	
613	04/18/2016	3:00 PM	Mon	Rich	0	0	0	75	0		CLR	80	63	0.5r	
614	04/18/2016	3:30 PM	Mon	LY	0	0	0	70	0	0					
615	04/18/2016	4:00 PM	Mon	Rich	0	0	0	97	0		CLR	78	63	1.5r	
616	04/19/2016	1:15 PM	Tue	Rich	0	0	0	45	0		SCT	80	63	1.0f	
617	04/19/2016	2:00 PM	Tue	LY	0	0	0	79	0	0					
618	04/19/2016	2:00 PM	Tue	Rich	0	0	0	52	0		SCT	80	63	0.5f	
619	04/19/2016	3:00 PM	Tue	Rich	0	0	0	67	0		SCT	80	63	0.5r	
620	04/19/2016	4:00 PM	Tue	Rich	0	0	0	78	0		SCT	80	63	1.0r	
621	04/20/2016	1:00 PM	Wed	Rich	0	0	0	58	0		SCT	80	63	1.5f	
622	04/20/2016	2:00 PM	Wed	Rich	0	0	0	77	0		SCT	80	63	1.0f	
623	04/20/2016	3:00 PM	Wed	Rich	0	0	0	96	0		SCT	78	63	0.5f	
624	04/20/2016	4:00 PM	Wed	Rich	0	0	0	103	0		SCT	78	63	1.0r	

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(January 1 - December 31, 2016)

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625	04/21/2016	12:30 PM	Thu	LY	0	0	0	98	0	0					
626	04/21/2016	1:30 PM	Thu	Rich	0	0	0	110	0		SCT	70	63	2.0f	
627	04/21/2016	1:35 PM	Thu	Rich	0		0	105	0	5					Observed boy on breakwater drop his hat onto upper step. Dad squeezed through railing onto top step to retrieve it. 5 of 110 seals flushed.
628	04/21/2016	2:00 PM	Thu	Rich	0	0	0	128	0		SCT	70	63	1.5f	
629	04/21/2016	3:00 PM	Thu	Rich	0	0	0	141	0		SCT	70	63	1.0f	
630	04/21/2016	4:00 PM	Thu	Rich	0	0	0	154	0		SCT	70	63	1.0r	
631	04/21/2016	4:30 PM	Thu	LY	0	0	0	117	0	0					
632	04/22/2016	2:00 PM	Fri	LY	0	0	0	134	0	0					
633	04/23/2016	12:15 AM	Sat	LY	0	0	0	103	0	0					
634	04/24/2016	12:30 PM	Sun	Rich	0	0	0	185	0		SCT	66	63	3.5f	
635	04/24/2016	1:00 PM	Sun	Rich	0	0	0	190	0		SCT	66	63	3.0f	
636	04/24/2016	2:00 PM	Sun	Rich	0	0	0	217	0		SCT	66	63	2.5f	
637	04/24/2016	3:00 PM	Sun	Rich	0	0	0	249	0		SCT	64	63	2.2f	
638	04/24/2016	4:00 PM	Sun	Rich	0	0	0	256	0		BKN	64	63	2.0f	
639	04/24/2016	5:10 PM	Sun	Deb	0	0	0	304	1	0	SCT	64	64	1.69 R	Tons of seals on Casa today!!!! At least 26 babies on beach. 3 seals on S Casa. Lifeguard kept people back from those seals for 15 minutes. Waggoner twins within inches of seals on S Casa and west rocks.
640	04/25/2016	12:00 PM	Mon	Rich	0	0	0	221	0		SCT	64	63	3.5r	
641	04/25/2016	1:00 PM	Mon	Rich	0	0	0	238	0		SCT	65	63	3.5f	
642	04/25/2016	2:00 PM	Mon	Rich	0	0	0	241	0		BKN	64	63	3.0f	
643	04/25/2016	3:00 PM	Mon	Rich	0	0	0	245	0		BKN	64	63	2.5f	
644	04/25/2016	4:00 PM	Mon	Rich	0	0	0	249	0		BKN	64	63	2.0f	
645	04/25/2016	6:20 PM	Mon	LY	0	0	0	218	5	0					
646	04/26/2016	1:30 PM	Tue	Rich	0	0	0	180	0		SCT	67	63	3.2f	
647	04/26/2016	2:00 PM	Tue	Rich	0	0	0	185	0		SCT	67	63	3.0f	
648	04/26/2016	3:00 PM	Tue	Rich	0	0	0	222	0		SCT	68	63	2.5f	
649	04/26/2016	4:00 PM	Tue	Rich	0	0	0	229	0		SCT	67	63	2.0f	
650	04/27/2016	8:00 AM	Wed	JG	0	0	0	110	0	0					12 pups included in count

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(January 1 - December 31, 2016)

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651	04/27/2016	11:00 AM	Wed	LY	0	0	0	135	0	0	SCT	70	62	2.5r	Two pups still visibly nursing
652	04/27/2016	11:30 AM	Wed	JR	0	0	0	130	0	0	SCT	55	62	2.5r	Pups still nutsing
653	04/27/2016	11:30 AM	Wed	Rich	0	0	0	150	0		SCT	65	63	2.0r	
654	04/27/2016	12:00 PM	Wed	Rich	0	0	0	154	0		SCT	65	63	2.5r	nursing pups #64 and 65 on CPB
655	04/27/2016	1:00 PM	Wed	Rich	0	0	0	183	0		SCT	66	63	3.0r	
656	04/27/2016	2:00 PM	Wed	Rich	0	0	0	201	0		SCT	67	63	3.2r	
657	04/27/2016	3:00 PM	Wed	Rich	0	0	0	223	0		SCT	67	63	3.0f	
658	04/27/2016	4:00 PM	Wed	Rich	0	0	0	230	0		SCT	65	63	2.5f	
659	04/28/2016	1:30 PM	Thu	Rich	0	0	0	224	0		SCT	64	63	2.0r	
660	04/28/2016	2:00 PM	Thu	Rich	0	0	0	229	0		SCT	64	63	2.5r	
661	04/28/2016	3:00 PM	Thu	Rich	0	0	0	240	0		SCT	64	63	3.0r	
662	04/28/2016	4:00 PM	Thu	Rich	0	0	0	259	0		SCT	64	63	3.3f	
663	04/28/2016	4:30 PM	Thu	JG	0	0	0	279	0	0					1 abandoned pup and 24 other pups included in count
664	04/28/2016	4:30 PM	Thu	LY	0	0	0	278	0	0					
665	04/29/2016	8:30 AM	Fri	JG	0	0	0	131	0	0					
666	04/29/2016	6:00 PM	Fri	LY	0	0	0	198	0	0					
667	04/29/2016	10:19 PM	Fri	JG	0	0	0	198	0	0					
668	04/30/2016	8:30 AM	Sat	JG	0	0	0	131	0	0					
669	05/01/2016	11:30 AM	Sun	JG	0	0	0	221	2	0					2 seals landward included in count of 221
670	05/01/2016	12:30 PM	Sun	Rich	0	0	0	139	0		SCT	68	64	0.5r	
671	05/01/2016	1:00 PM	Sun	Rich	0	0	0	146	0		SCT	68	64	1.0r	
672	05/01/2016	2:00 PM	Sun	Rich	0	0	0	160	0		SCT	68	64	1.5r	
673	05/01/2016	3:00 PM	Sun	Rich	0	0	0	173	0		SCT	68	64	2.0r	
674	05/01/2016	4:00 PM	Sun	Rich	0	0	0	185	0		SCT	68	64	2.5r	
675	05/01/2016	5:05 PM	Sun	Deb	0	0	0	226	3	0	CLR	68	64	4.12 R	
676	05/01/2016	7:00 PM	Sun	JG	0	0	0	193	9	0					1 pup landward and 8 seals landward, included in count of 193
677	05/02/2016	8:10 AM	Mon	JG	0	0	0	84	0	0					
678	05/02/2016	12:25 PM	Mon	Rich	0	0	0	50	0		SCT	68	64	0.5f	
679	05/02/2016	1:00 PM	Mon	Rich	0	0	0	63	0		SCT	68	64	0.5r	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
680	05/02/2016	7:00 PM	Mon	LY	0	0	0	193	9	0					
681	05/03/2016	8:30 AM	Tue	JG	0	0	0	118	0	0					14 pups included in count of 118
682	05/03/2016	1:30 PM	Tue	Rich	0	0	0	100	0		BKN	68	64	0.0r	1 sea lion
683	05/03/2016	2:00 PM	Tue	Rich	0	0	0	101	0		BKN	69	64	0.5r	1 sea lion
684	05/03/2016	3:00 PM	Tue	Rich	0	0	0	110	0		BKN	68	64	1.0r	1 sea lion
685	05/03/2016	6:20 PM	Tue	JG	0	0	0	221	6	0					9 pups included in 221 count
686	05/03/2016	8:49 PM	Tue	JR	0	0	0	150	20	0	CLR	59	57	1r	
687	05/04/2016	5:45 AM	Wed	JG	0	0	0	198	6	0					Landward seals and pups included in count of 190
688	05/04/2016	6:50 AM	Wed	JG	0	0	0	94	0	0					
689	05/04/2016	5:45 PM	Wed	LY	0	0	0	198	6	0					
690	05/05/2016	6:30 AM	Thu	JG	0	0	0	99	37	0					Landward seals included in 99
691	05/05/2016	1:00 PM	Thu	Rich	0	0	0	233	0		OVC	63	64	2.0f	
692	05/05/2016	7:50 PM	Thu	JG	0	0	0	179	39	0					
693	05/05/2016	8:00 PM	Thu	LY	0	0	0	179	39	0					
694	05/06/2016	2:30 PM	Fri	LY	0	0	0	155	0	0					
695	05/06/2016	7:00 PM	Fri	LY	0	0	0	190	21	0					
696	05/06/2016	7:27 PM	Fri	JR	0	0	0	260	20	0	SCT	59	57	1f	
697	05/07/2016	3:00 PM	Sat	LY	0	0	0	158	0	0					
698	05/08/2016	1:30 PM	Sun	Rich	0	0	0	110	0		SCT	70	64	3.5f	
699	05/08/2016	2:00 PM	Sun	Rich	0	0	0	113	0		SCT	70	64	3.0f	
700	05/08/2016	4:00 PM	Sun	Rich	0	0	0	171	0		SCT	68	64	1.5f	
701	05/08/2016	5:40 PM	Sun	Deb	0	0	0	218	0	0	CLR	67	65	1.65 R	Lovely day - Mother's Day! Low tide. 15 pups. All pups weaned. 34 seals on rocks west of seawall. No seals on S Casa. Small crowd, but visitors delighted by the seals. Channel 8 truck parked in front.
702	05/09/2016	2:45 PM	Mon	Rich	0	0	0	234	0		SCT	68	64	3.0f	
703	05/09/2016	10:00 PM	Mon	JR	0	0	0	242	42	0	CLR	63	62	2r	
704	05/10/2016	4:33 PM	Tue	JG	0	0	0	184	0	0					
705	05/10/2016	5:37 PM	Tue	JR	0	0	0	250	0	0	SCT	68	63	2f	
706	05/11/2016	8:20 PM	Wed	JR	0	0	0	155	0	0	OVC	64	58	4.2r	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
707	05/12/2016	8:50 AM	Thu	LY	0	0	0	170	0	0					
708	05/12/2016	6:08 PM	Thu	LY	0	0	0	180	0	0					
709	05/12/2016	9:30 PM	Thu	JR	0	0	0	183	3	0	SCT	66	60	2.7f	Second night in a row all seals on west 1/2 of beach, contrary to all my preceding counts since 4/24/16 seals were across the entire span of the beach along the waterline with another row inland
710	05/13/2016	9:40 AM	Fri	LY	0	0	0	108	0	0					
711	05/13/2016	6:35 PM	Fri	LY	0	0	0	127	0	0					
712	05/14/2016	2:07 PM	Sat	JR	0	0	0	210	0	0	OVC	62	65	2.1r	
713	05/15/2016	1:00 PM	Sun	Rich	0	0	0	149	0	0	SCT	68	64	0.5r	
714	05/15/2016	2:00 PM	Sun	Rich	0	0	0	143	0	0	SCT	68	64	1.0r	
715	05/15/2016	3:00 PM	Sun	Rich	0	0	0	153	0	0	SCT	68	64	1.5r	
716	05/15/2016	4:00 PM	Sun	Rich	0	0	0	176	0	0	SCT	67	64	2.0r	
717	05/15/2016	7:00 PM	Sun	JR	0	0	0	171	0	0	RAIN	62	64	4.5f	
718	05/16/2016	6:00 AM	Mon	LY	0	0	0	142	0	0					
719	05/16/2016	6:12 AM	Mon	Rich	0	0	0	186	0	0	OVC	62	64	3.5r	Closure period ends
720	05/16/2016	7:10 AM	Mon	Rich	0	0	0	158	0	0	OVC	64	64	4.0f	
721	05/16/2016	8:00 AM	Mon	Rich	0	0	0	170	0	0	OVC	64	64	3.5f	
722	05/16/2016	8:36 AM	Mon	ES	0	0	0	146	0	0	OVC	60		Low	
723	05/16/2016	9:00 AM	Mon	Rich	0	0	0	189	0	0	OVC	64	64	3.0f	
724	05/16/2016	10:00 AM	Mon	Rich	0	0	0	204	0	0	OVC	64	64	2.0f	
725	05/16/2016	11:00 AM	Mon	Rich	0	0	0	214	0	0	BKN	64	64	1.5f	
726	05/16/2016	1:00 PM	Mon	LY	6	0	0	180	0	0	OVC	68	64	0.9r	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

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727	05/16/2016	3:56 PM	Mon	CU	12	0	3	215	1	5	CLR	66	65	Rising.	High tide at 7:20 pm. Lots of footprints landward of the rope, with a few seaward. Some seals were agitated, several males forming a semicircle facing the people on the beach. Two seagulls were nesting (on landward, one seaward) on the beach. Some mating behavior witnessed in the water. Seals in various states of molting. Another docent and I witnessed one man approach the seals, causing flushing of a few of them. This man was foreign and we had warned him and his companion to stay back, from the seals previously. He did back off when they flushed. Two divers entered water north of the seals, with no flushing that time.
728	05/17/2016	9:00 AM	Tue	LY	0	0	0	202	0	0					
729	05/17/2016	11:15 AM	Tue	LY	9	0	0	195	0	0	OVC	61	64	1.63f	
730	05/17/2016	12:00 PM	Tue	LY	13	0	0	200	0	0	OVC	61	65	1.09f	
731	05/17/2016	1:00 PM	Tue	LY	12	0	0	220	0	0	OVC	62	65	0.93f	
732	05/17/2016	2:00 PM	Tue	LY	25	0	0	200	0	0	OVC	61	65	1.23r	There is one sea lion pup hanging out at Casa beach today
733	05/17/2016	2:30 PM	Tue	Rich	0	0	0	285	0	0	OVC	66	64	1.5r	
734	05/17/2016	3:00 PM	Tue	LY	12	0	0	230	0	0	OVC	62	65	1.54r	
735	05/17/2016	4:00 PM	Tue	LY	14	0	0	230	0	0	OVC	62	65	2.87r	
736	05/17/2016	4:30 PM	Tue	LY	16	0	0	226	0	0					
737	05/17/2016	6:35 PM	Tue	JR	20	0	0	180	1	0	OVC	67	65	4.9r	
738	05/18/2016	11:00 AM	Wed	LY	7	0	0	53	0	0	OVC	68	65	2.51f	Not a lot of seals on the beach this morning, but plenty in the water
739	05/18/2016	12:00 PM	Wed	LY	0	0	0	75	0	0	OVC	68	65	1.47f	
740	05/18/2016	1:00 PM	Wed	LY	0	0	0	88	0	0	OVC	67	65	1.09f	
741	05/18/2016	2:00 PM	Wed	LY	0	0	0	100	0	0	OVC	67	65	1.17r	
742	05/18/2016	3:00 PM	Wed	LY	0	0	0	115	0	0	OVC	67	65	1.7r	
743	05/18/2016	3:35 PM	Wed	Rich	2	0	0	123	0	0	OVC	65	64	2.0r	
744	05/18/2016	4:00 PM	Wed	LY	0	0	0	110	0	0	OVC	67	65	2.11r	
745	05/18/2016	5:00 PM	Wed	LY	2	0	0	135	0	0	OVC	66	65	3.61r	
746	05/18/2016	6:00 PM	Wed	JR	10	0	0	110	0	0	OVC	62	62	4.2r	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

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747	05/19/2016	6:20 AM	Thu	JG	0	0	0	134	0	0					
748	05/19/2016	2:00 PM	Thu	Rich	8	0	0	117	0		OVC	70	64	1.5f	
749	05/19/2016	4:37 PM	Thu	JR	2	0	0	145	0	0	OVC	67	65	4.7f	2 seagulls nesting
750	05/19/2016	5:55 PM	Thu	JG	6	0	0	127	0	0					
751	05/19/2016	5:55 PM	Thu	LY	6	0	0	127	0	0					
752	05/20/2016	8:50 AM	Fri	JG	0	0	0	139	2	0					Landward seals included in count of 139
753	05/20/2016	3:15 PM	Fri	JR	19	0	1	155	0	15	SCT	62	65	2r	Snorkeler photographed in 2' of water who flushed the 15 seals now in the water all staring east wary of him.
754	05/20/2016	7:00 PM	Fri	JG	24	0	0	182	0	0					
755	05/21/2016	7:58 AM	Sat	JG	0	0	0	179	0	0					
756	05/21/2016	4:30 PM	Sat	JG	19	0	0	161	0	0					
757	05/22/2016	10:15 AM	Sun	JG	0	0	0	26	0	0					
758	05/22/2016	2:30 PM	Sun	Rich	14	3	2	70	0		CLR	68	64	2.5f	
759	05/22/2016	3:00 PM	Sun	Rich	10	10	4	65	0		CLR	68	64	2.0f	
760	05/22/2016	5:45 PM	Sun	Deb	9	45	1	101	0	0	CLR	71	64	2.78 R	Drew line in sand mid beach. Seals on west, people on east side. Waggoner twins and others swimming in pool flushed 15 seals earlier.
761	05/23/2016	7:57 AM	Mon	JG	0	0	0	138	0	0					
762	05/23/2016	10:30 AM	Mon	LY	0	0	0	95	0	0	SCT	65	65	3.45r	Lots of seals swimming and splashing around in the water today.
763	05/23/2016	11:00 AM	Mon	LY	0	0	0	97	0	0	SCT	68	65	3.58r	
764	05/23/2016	12:00 PM	Mon	LY	1	0	0	130	0	0	CLR	68	65	3.34d	
765	05/23/2016	1:00 PM	Mon	LY	12	0	0	145	0	0	CLR	69	65	2.89d	
766	05/23/2016	2:00 PM	Mon	LY	10	0	0	130	0	0	CLR	71	65	2.34d	
767	05/23/2016	2:30 PM	Mon	Rich	0	0	0	154	0		SCT	66	64	3.0f	
768	05/23/2016	3:00 PM	Mon	LY	8	0	0	132	0	0	SCT			2.13d	
769	05/23/2016	3:00 PM	Mon	Rich	10	0	0	158	0		SCT	66	64	2.5f	
770	05/23/2016	5:57 PM	Mon	JG	14	0	0	137	0	0					
771	05/24/2016	8:37 AM	Tue	JG	1	0	0	66	0	0					
772	05/24/2016	12:00 PM	Tue	Rich	2	0	0	95	0		BKN	68	64	3.5r	

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(January 1 - December 31, 2016)

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773	05/24/2016	1:00 PM	Tue	Rich	2	0	0	112	0		BKN	68	64	3.5f	
774	05/24/2016	2:00 PM	Tue	Rich	0	0	0	117	0		SCT	68	64	3.0f	
775	05/24/2016	6:50 PM	Tue	JG	14	0	0	152	0	0					
776	05/25/2016	8:20 AM	Wed	JG	0	0	0	31	0	0					
777	05/25/2016	1:00 PM	Wed	Rich	0	0	0	42	0		SCT	67	64	3.5r	
778	05/25/2016	2:00 PM	Wed	Rich	2	0	0	47	0		SCT	66	64	3.5f	
779	05/25/2016	3:00 PM	Wed	Rich	5	0	0	71	0		SCT	66	64	3.0f	
780	05/25/2016	4:00 PM	Wed	Rich	4	0	0	73	0		SCT	67	64	2.5f	
781	05/25/2016	7:38 PM	Wed	JG	3	0	0	89	0	0					
782	05/25/2016	8:00 PM	Wed	JR	0	0	0	100	0	0	CLR	62	65	3.5r	
783	05/26/2016	8:15 AM	Thu	JG	0	0	0	101	0	0					
784	05/26/2016	10:00 AM	Thu	Rich	0	0	0	91	0		OVC	66	64	2.5r	
785	05/26/2016	11:00 AM	Thu	Rich	6	0	0	89	0		SCT	67	64	2.7r	
786	05/26/2016	12:00 PM	Thu	Rich	4	2	0	87	0		SCT	68	64	3.0r	
787	05/26/2016	1:00 PM	Thu	Rich	7	0	0	88	0		SCT	68	64	3.2r	1 sea lion
788	05/26/2016	2:00 PM	Thu	Rich	7	0	0	104	0		SCT	70	64	3.5r	1 sea lion
789	05/26/2016	3:00 PM	Thu	Rich	6	0	0	107	0		SCT	70	64	3.5f	1 sea lion
790	05/26/2016	4:00 PM	Thu	Rich	3	0	0	110	0		SCT	68	64	3.0f	1 sea lion
791	05/26/2016	5:00 PM	Thu	JR	7	0	0	108	0	0	CLR	71	66	2.5f	
792	05/26/2016	7:10 PM	Thu	JG	0	0	0	147	0	0					
793	05/27/2016	8:00 AM	Fri	JG	0	2	0	141	0	0					
794	05/27/2016	4:45 PM	Fri	JG	18	0	0	68	0	0					
795	05/28/2016	7:13 AM	Sat	JG	0	0	0	152	0	0					
796	05/28/2016	5:48 PM	Sat	JG	15	0	0	81	0	0					
797	05/29/2016	10:20 AM	Sun	JG	2	0	0	153	0	0					
798	05/29/2016	2:00 PM	Sun	Rich	17	3	0	24	0		OVC	66	64	3.0r	
799	05/29/2016	5:00 PM	Sun	JR	25	35	1	4	0	0	OVC	71	66	2.5f	
800	05/29/2016	5:32 PM	Sun	JG	0	20	0	6	0	0					Waggoner brothers seaward
801	05/29/2016	6:40 PM	Sun	JR	22	0	0	31	0	0	OVC	70	66	2.5 f	



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802	05/30/2016	6:15 AM	Mon	JG	0	0	0	114	0	0					
803	05/30/2016	8:53 AM	Mon	JR	0	0	0	130	0	0	OVC	64	65	1r	
804	05/30/2016	1:00 PM	Mon	JR	2	0	0	40	0	0	OVC	60	65	1.2 f	
805	05/30/2016	1:00 PM	Mon	Rich	2	0	0	45	0		OVC	68	64	1.0r	
806	05/30/2016	1:53 PM	Mon	Rich	0	2	0	25	0	20					Man and woman crossed rope and walked to center of beach, about 50' from closest seals. 20 of 45 flushed. Did not make contact.
807	05/30/2016	2:00 PM	Mon	Rich	6	6	0	17	0		OVC	68	64	1.5r	
808	05/31/2016	12:00 AM	Tue	LY	2	0	0	153	0	0	OVC	66	65	0.66r	
809	05/31/2016	6:46 AM	Tue	JG	0	0	0	189	0	0					
810	05/31/2016	2:00 PM	Tue	Rich	4	0	0	142	0		OVC	66	64	1.5r	
811	05/31/2016	3:00 PM	Tue	Rich	4	0	0	148	0		OVC	66	64	2.0r	
812	05/31/2016	4:00 PM	Tue	Rich	10	0	0	155	0		OVC	66	64	2.5r	
813	06/01/2016	10:25 AM	Wed	JR	6	0	0	180	4	0	OVC	64	65	1.4f	
814	06/01/2016	12:00 PM	Wed	Rich	3	0	0	193	0		OVC	66	65	1.5f	
815	06/01/2016	1:00 PM	Wed	Rich	4	0	0	161	0		OVC	66	65	1.0r	
816	06/01/2016	2:00 PM	Wed	Rich	0	0	0	156	0		OVC	66	65	1.5r	
817	06/01/2016	2:40 PM	Wed	JR	7	0	0	7	0	0	SCT	67	65	2r	
818	06/01/2016	3:00 PM	Wed	Rich	7	0	0	153	0		BKN	66	65	2.0r	
819	06/01/2016	3:27 PM	Wed	MA	29	0	1	136	0	0	SCT	67	65	2r	1 seal tagged 1 pup tagged
820	06/01/2016	4:00 PM	Wed	Rich	5	0	0	149	0		BKN	66	65	2.5r	
821	06/01/2016	7:45 PM	Wed	JG	8	0	0	203	6	0					Landward seals included in 203 count
822	06/02/2016	1:30 PM	Thu	Rich	0	0	0	48	0		BKN	70	65	1.0f	
823	06/02/2016	2:00 PM	Thu	Rich	8	0	0	44	0		OVC	70	65	1.5r	
824	06/02/2016	3:00 PM	Thu	Rich	3	7	0	60	0		OVC	69	65	2.0r	
825	06/02/2016	5:50 PM	Thu	JR	2	0	0	28	0	0	OVC	69	66	5.3r	
826	06/03/2016	6:45 PM	Fri	JF	3	0	0	94	0	0					
827	06/04/2016	9:00 AM	Sat	JG	0	0	0	49	0	0					
828	06/04/2016	2:30 PM	Sat	Rich	0	0	0	38	0		BKN	71	65	1.5f	
829	06/04/2016	10:10 PM	Sat	JG	0	0	0	108	8	0					landward seals included in 108
830	06/05/2016	11:30 AM	Sun	JG	21	0	0	68	0	0					

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831	06/05/2016	3:55 PM	Sun	MA	102	0	0	76	0	2	SCT	67	67	2-3 ft	2 pup with tag
832	06/05/2016	5:00 PM	Sun	MA	8	74	0	81	0	0	SCT	66	67	3f	1 seal injured
833	06/05/2016	5:05 PM	Sun	Deb	5	0	0	74	0	0	OVC	66	67	2.25 R	No one on seaward side of beach.
834	06/05/2016	5:30 PM	Sun	JR	0	0	0	60	0	0	OVC	66	67	2.8 r	
835	06/06/2016	7:45 AM	Mon	JG	0	0	0	30	0	0					
836	06/06/2016	5:25 PM	Mon	MA	33	3	0	7	0	0	CLR	67	67	2f	3 seals On rock 4 seals On The sea
837	06/06/2016	6:05 PM	Mon	JG	0	0	0	10	0	0					Footprints on sand
838	06/07/2016	8:19 AM	Tue	JG	0	3	0	22	0	0					People on beach collecting sand samples with dept of transportation/storm water city of SD
839	06/07/2016	6:35 PM	Tue	JG	0	0	0	79	0	0					
840	06/07/2016	7:00 PM	Tue	JR	0	0	0	80	0	0	OVC	64	67	3.4r	
841	06/08/2016	8:40 AM	Wed	JG	0	0	0	43	0	0					
842	06/08/2016	7:30 PM	Wed	JG	4	0	0	67	0	0					
843	06/09/2016	5:26 AM	Thu	JG	0	0	0	109	2	0					Landward seals included in 109 count
844	06/09/2016	7:08 PM	Thu	JG	3	0	0	83	0	0					
845	06/10/2016	5:43 AM	Fri	JG	0	0	0	124	1	0					Landward seal included in 124 count
846	06/10/2016	6:20 PM	Fri	JG	25	0	0	40	0	0					
847	06/11/2016	5:59 AM	Sat	JG	0	0	0	112	0	0					
848	06/11/2016	4:30 PM	Sat	CA	18	0	0	55	0	0	OVC				
849	06/11/2016	5:30 PM	Sat	CA	12	0	0	69	0	0	OVC				
850	06/11/2016	6:00 PM	Sat	CA	18	0	0	88	0	0	OVC				
851	06/11/2016	6:19 PM	Sat	JG	0	0	0	93	0	0					
852	06/12/2016	12:30 PM	Sun	JR	0	0	0	5	0	0	OVC	66	66	1.7r	
853	06/12/2016	6:15 PM	Sun	Deb	18	0	0	60	0	0	CLR	70	67	4.11D	At 5:45 pm Katherine and I moved people behind the rope. Many baby seagulls born.
854	06/13/2016	5:45 AM	Mon	JG	0	0	0	127	0	0					
855	06/13/2016	2:30 PM	Mon	Rich	0	28	0	0	0	0	SCT	68	65	2.0r	
856	06/13/2016	3:00 PM	Mon	Rich	0	10	0	0	0	0	SCT	68	65	2.5r	
857	06/13/2016	4:00 PM	Mon	Rich	11	15	0	0	0	0	SCT	68	65	3.5r	
858	06/13/2016	6:10 PM	Mon	JG	0	28	0	2	0	0					a lot of tuna crab on shore
859	06/14/2016	6:15 AM	Tue	JG	0	0	0	89	1	0					Landward seal included in count of 89

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
860	06/14/2016	12:30 PM	Tue	Rich	23	0	0	82	0		OVC	68	65	1.5r	
861	06/14/2016	1:00 PM	Tue	Rich	7	0	0	84	0		OVC	70	65	2.0r	
862	06/14/2016	2:00 PM	Tue	Rich	14	0	0	46	0		OVC	70	65	2.5r	
863	06/14/2016	6:09 PM	Tue	JG	0	28	0	32	0	0					People close to seals and petting
864	06/15/2016	5:59 AM	Wed	JG	0	0	0	113	1	0					
865	06/15/2016	2:00 PM	Wed	Rich	4	0	0	38	0		SCT	68	65	2.0r	
866	06/15/2016	3:00 PM	Wed	Rich	2	0	0	45	0		SCT	68	65	3.0r	
867	06/15/2016	4:00 PM	Wed	JR	0	0	0	87	0	0	SCT	70	66	3r	
868	06/15/2016	6:37 PM	Wed	JG	7	0	0	119	0	0					
869	06/15/2016	8:00 PM	Wed	JR	23	2	0	110	0	0	OVC	68	66	5f	
870	06/16/2016	6:09 AM	Thu	JG	0	0	0	136	0	0					
871	06/16/2016	3:35 PM	Thu	JR	8	30	0	11	0	6	CLR	70	66	4r	5 people on west rocks thetetrepre 6 seals left
872	06/16/2016	4:02 PM	Thu	CT	0	27	0	5	0	5	CLR	73	65	3.09 Rising	Several seals have retreated into the water as people have approached them on the rocks.
873	06/16/2016	6:40 PM	Thu	JG	11	0	0	48	0	0					
874	06/17/2016	5:45 AM	Fri	JG	0	0	0	109	0	0	CLR	67	66	2r	
875	06/17/2016	6:30 PM	Fri	JR	25	56	5	0	0	0	CLR	67	66	3 r	
876	06/17/2016	7:35 PM	Fri	JG	19	0	0	23	0	0				q	
877	06/18/2016	5:49 AM	Sat	JG	0	0	0	58	0	0					
878	06/18/2016	9:52 AM	Sat	CU	0	32	10	8	0	8	CLR	76	67	Falling	Tide just starting to fall. Seals observed on rocks at Casa Beach, on near sea wall and on Submarine rock. A woman and boy climbed on the rocks by sea wall and the seals flushed into the sea in panic. A sea gull and two chicks observed on seaward side of rope, and two adult seagulls and one chick seen on landward side. Some people approached for pictures, but backed away when I asked them too. Two scuba divers enter water on Casa Beach without incident. About 14 seals on seaward side of wall on rocks resting.
879	06/18/2016	1:00 PM	Sat	JR	8	60	20	0	0	0	SCT	76	67	2f	
880	06/19/2016	5:50 AM	Sun	JG	0	0	0	89	0	0					
881	06/20/2016	6:08 AM	Mon	JG	0	0	0	70	0	0					
882	06/20/2016	12:30 PM	Mon	Rich	3	25	0	6	0		CLR	85	65	3.5f	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
883	06/20/2016	1:00 PM	Mon	Rich	0	42	1	6	0		CLR	85	65	3.0f	
884	06/20/2016	1:37 PM	Mon	JG	0	43	0	8	0	0					2 people within 5 feet of seals
885	06/20/2016	2:00 PM	Mon	Rich	0	75	10	6	0		CLR	85	65	2.5f	
886	06/20/2016	3:00 PM	Mon	Rich	0	110	20	2	0		CLR	85	65	2.0f	
887	06/20/2016	4:00 PM	Mon	Rich	0	105	15	0	0		CLR	82	65	2.5r	
888	06/20/2016	7:30 PM	Mon	CT	3	25	2	0	0	0	SCT	72	64	5.21 feet rising	All seals in water.
889	06/20/2016	8:30 PM	Mon	CT	2	0	0	20	0	0	SCT	70	64	5.5 and rising	Seals in a group on the beach near the water, no people near them.
890	06/21/2016	5:45 AM	Tue	JG	0	0	0	47	0	0					
891	06/21/2016	6:25 AM	Tue	JG	0	0	0	74	0	0					
892	06/21/2016	2:10 PM	Tue	MA	69	7	0	92	0	0	SCT	70	67	3-4 ft	
893	06/21/2016	4:37 PM	Tue	TG	15	2	2	26	0	0	OVC	75	67	2r	
894	06/21/2016	5:58 PM	Tue	TG	2	0	0	71	0	1	OVC		71	rough	
895	06/22/2016	5:50 AM	Wed	JG	0	0	0	41	0	0					
896	06/22/2016	1:00 PM	Wed	Rich	0	25	2	31	0		BKN	75	66	3.5f	
897	06/22/2016	3:00 PM	Wed	Rich	0	35	4	27	0		OVC	74	66	2.5f	
898	06/22/2016	4:00 PM	Wed	MA	87	8	3	93	0	0	SCT	70	67	3f	
899	06/22/2016	4:50 PM	Wed	JG	0	42	0	12	0	0					
900	06/23/2016	5:59 AM	Thu	JG	0	0	0	124	1	0					Landward seal included in 124 count
901	06/23/2016	1:32 PM	Thu	CT	2	70	20	0	0	0	SCT	78	65	3.46 feet dropping	No seals visible, even in the water.
902	06/23/2016	5:40 PM	Thu	JG	0	52	0	0	0	0					
903	06/24/2016	5:55 AM	Fri	JG	0	0	0	166	0	0					
904	06/24/2016	3:34 PM	Fri	TG	30	42	1	13	0	1	SCT	70	67	6 to 8 ft	Sad. So many people behind rope. At least they are not approaching them..at this moment
905	06/24/2016	6:05 PM	Fri	JG	12	7	0	19	0	0					
906	06/25/2016	5:58 AM	Sat	JG	0	0	0	33	0	0					
907	06/25/2016	3:45 PM	Sat	Rich	45	105	5	0	0		SCT	68	66	3.5f	
908	06/25/2016	6:15 PM	Sat	JG	23	38	0	0	0	0					
909	06/25/2016	6:15 PM	Sat	JG	23	38	0	0	0	0					

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
910	06/26/2016	6:11 AM	Sun	JG	0	0	0	117	0	0					
911	06/26/2016	1:30 PM	Sun	Rich	15	125	24	0	0		BKN	68	66	3.5r	
912	06/26/2016	2:00 PM	Sun	Rich	25	105	20	0	0		BKN	70	66	4.0r	
913	06/26/2016	3:00 PM	Sun	Rich	35	75	10	0	0		BKN	70	66	4.5r	
914	06/26/2016	4:00 PM	Sun	Rich	30	70	10	0	0		BKN	69	66	4.5f	
915	06/26/2016	7:30 PM	Sun	ES	12	35	8	15	0	0	CLR	67		receding	Busy beach day. We began to clear people from western side about 7:00 pm Seals would approach shore, but about 4 crawled up on foundation rocks or submarine rock. None stayed on beach by time I left at 8:15 pm. Moderately strong current and waves.
916	06/26/2016	8:38 PM	Sun	JG	0	0	0	10	0	0					
917	06/27/2016	6:06 AM	Mon	JG	0	0	0	127	0	0					1 sea lion
918	06/27/2016	11:00 AM	Mon	Rich	0	18	1	0	0		SCT	74	66	1.5r	
919	06/27/2016	12:00 PM	Mon	Rich	0	40	5	0	0		BKN	76	66	2.0r	
920	06/27/2016	1:00 PM	Mon	Rich	0	55	7	0	0		BKN	77	66	2.5r	
921	06/27/2016	3:30 PM	Mon	Rich	0	85	33	0	0		SCT	80	66	4.5r	1 sea lion
922	06/27/2016	4:00 PM	Mon	Rich	0	90	30	0	0		SCT	80	66	5.0r	1 sea lion
923	06/27/2016	7:30 PM	Mon	JG	8	33	0	0	0	0					
924	06/28/2016	5:55 AM	Tue	JG	0	0	0	106	0	0					
925	06/28/2016	12:00 PM	Tue	JR	40	15	5	3	0	0	SCT	75	69	2r	
926	06/28/2016	1:30 PM	Tue	Rich	0	32	13	0	0		BKN	76	66	2.5r	
927	06/28/2016	3:00 PM	Tue	Rich	0	70	6	0	0		OVC	74	66	3.5r	
928	06/28/2016	4:00 PM	Tue	Rich	0	62	5	0	0		OVC	74	66	4.0r	
929	06/28/2016	7:52 PM	Tue	JG	2	5	0	13	0	0					
930	06/28/2016	8:00 PM	Tue	JR	4	2	0	15	0	0	OVC	75	69	2r	
931	06/29/2016	5:50 AM	Wed	JG	0	0	0	97	0	0					
932	06/29/2016	1:00 PM	Wed	Rich	0	58	10	0	0		BKN	78	66	1.5r	
933	06/29/2016	3:00 PM	Wed	Rich	0	62	12	0	0		SCT	78	66	3.5r	
934	06/29/2016	4:00 PM	Wed	Rich	0	58	7	0	0		SCT	78	66	4.5r	
935	06/29/2016	5:50 PM	Wed	JR	15	25	3	0	0	0	SCT	72	65	5.9r	
936	06/30/2016	5:43 AM	Thu	JG	0	0	0	106	0	0					

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
937	07/01/2016	5:45 AM	Fri	JG	0	0	0	86	0	0					
938	07/01/2016	1:20 PM	Fri	JR	7	0	0	130	0	0	OVC	68	70	3f	
939	07/02/2016	6:00 AM	Sat	JG	0	0	0	73	0	0					
940	07/02/2016	11:45 AM	Sat	Rich	31	60	11	0	0		SCT	74	67	2.5f	
941	07/02/2016	3:00 PM	Sat	Rich	62	137	37	0	0		SCT	76	67	2.5r	
942	07/03/2016	5:50 AM	Sun	JG	0	0	0	37	0	0					
943	07/03/2016	10:00 AM	Sun	Rich	11	5	1	9	0		OVC	73	67	4.0f	
944	07/03/2016	2:30 PM	Sun	MA	48	41	6	78	0	0	SCT	67	67	3ft	
945	07/03/2016	7:55 PM	Sun	Deb	36	0	1	0	0	0	SCT	70	66	6.35 R	Cleared all people behind rope. 20 seals in pool. Waggoner twin snorkeling in pool, just leaving. All 3 seagull chicks on beach.
946	07/04/2016	9:30 AM	Mon	Rich	8	16	2	0	0		OVC	73	67	4.0r	
947	07/04/2016	10:30 AM	Mon	Rich	15	65	10	0	0		BKN	74	67	4.5r	
948	07/04/2016	1:00 PM	Mon	Rich	40	125	25	0	0		BKN	74	67	3.5f	
949	07/05/2016	6:03 AM	Tue	JG	0	0	0	47	0	0					
950	07/05/2016	3:00 PM	Tue	MA	67	38	8	0	0	0	CLR	69	67	3f	
951	07/06/2016	8:15 AM	Wed	MA	8	5	3	2	0	0	CLR	70	69	2f	Trash On the beach in front Children's Pool
952	07/06/2016	12:30 PM	Wed	Rich	4	68	10	0	0		BKN	75	67	4.5f	
953	07/06/2016	1:00 PM	Wed	Rich	18	75	8	0	0		BKN	75	67	4.0f	
954	07/06/2016	2:00 PM	Wed	Rich	5	80	15	0	0		BKN	75	67	3.0f	
955	07/07/2016	3:08 PM	Thu	TG	16	76	25	7	0	0	CLR	67	70	3.25	Extremely sad to see so many people that disregard the rope.
956	07/08/2016	6:30 PM	Fri	MA	25	65	18	0	0	0	SCT	71	70	2f	Trash On the beach
957	07/08/2016	8:00 PM	Fri	JG	0	8	0	4	0	0					
958	07/09/2016	6:11 AM	Sat	JG	0	0	0	16	0	0					
959	07/09/2016	12:00 PM	Sat	Rich	0	69	14	0	0		SCT	76	68	3.0r	
960	07/09/2016	1:00 PM	Sat	Rich	0	96	20	0	0		SCT	76	68	3.5r	
961	07/09/2016	2:00 PM	Sat	Rich	0	125	28	0	0		SCT	76	68	4.5r	
962	07/09/2016	3:00 PM	Sat	Rich	10	122	24	0	0		SCT	77	68	4.5f	
963	07/09/2016	4:32 PM	Sat	JR	10	60	15	1	0	0	CLR	72	69	3f	1 dead seal
964	07/10/2016	5:51 AM	Sun	JG	0	0	0	1	0	0					
965	07/10/2016	12:30 PM	Sun	Rich	0	49	7	0	0		SCT	77	68	3.5r	

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966	07/10/2016	1:00 PM	Sun	Rich	0	45	23	0	0		SCT	77	68	4.0r	
967	07/10/2016	2:00 PM	Sun	Rich	0	55	12	0	0		SCT	77	68	4.2r	
968	07/10/2016	5:00 PM	Sun	JR	20	45	10	1	0	0	CLR	70	69	3f	1 dead seal
969	07/11/2016	5:39 AM	Mon	JG	0	0	0	29	0	0					
970	07/11/2016	1:00 PM	Mon	Rich	0	85	8	0	0		SCT	78	68	3.5r	
971	07/11/2016	2:00 PM	Mon	Rich	0	134	8	0	0		SCT	78	68	4.0r	1 sea lion
972	07/11/2016	3:00 PM	Mon	Rich	7	127	15	0	0		SCT	76	68	4.5r	1 sea lion
973	07/12/2016	5:50 AM	Tue	JG	0	0	0	64	0	0					
974	07/12/2016	12:30 PM	Tue	Rich	0	45	8	0	0		OVC	75	68	2.5r	
975	07/12/2016	1:00 PM	Tue	Rich	0	65	5	0	0		OVC	75	68	3.0r	
976	07/12/2016	2:00 PM	Tue	Rich	0	72	10	0	0		OVC	76	68	3.5r	
977	07/12/2016	3:00 PM	Tue	Rich	11	64	13	0	0		OVC	76	68	4.0r	
978	07/12/2016	5:54 PM	Tue	JR	5	25	0	0	0	0	SCT	70	70	4f	
979	07/12/2016	9:39 PM	Tue	JG	0	9	0	0	0	0					1 lost dog on beach, life guards trying to get him
980	07/13/2016	6:39 AM	Wed	JG	0	0	0	46	0	0					
981	07/13/2016	9:50 PM	Wed	JG	0	0	0	12	0	0					
982	07/14/2016	5:58 AM	Thu	JG	0	0	0	3	0	0					
983	07/15/2016	6:25 AM	Fri	JG	0	0	0	36	0	0					
984	07/16/2016	6:10 AM	Sat	JG	0	0	0	66	0	0					Someone up top yelling and clapping at seals
985	07/16/2016	6:52 PM	Sat	JG	8	21	0	0	0	0					
986	07/17/2016	7:00 AM	Sun	JG	0	0	0	10	0	0					
987	07/17/2016	7:45 PM	Sun	JG	0	4	0	0	0	0					
988	07/18/2016	5:49 AM	Mon	JG	0	0	0	11	0	0					
989	07/18/2016	8:09 PM	Mon	JG	0	11	0	0	0	0					
990	07/19/2016	5:25 AM	Tue	JG	0	0	0	62	0	0					
991	07/19/2016	1:00 PM	Tue	Rich	0	54	33	0	0		SCT	78	69	2.5f	
992	07/19/2016	2:00 PM	Tue	Rich	0	70	17	0	0		SCT	78	69	2.0f	
993	07/19/2016	3:00 PM	Tue	Rich	0	52	8	0	0		SCT	78	69	1.9f	
994	07/19/2016	7:35 PM	Tue	JG	0	41	0	0	0	0					
995	07/20/2016	5:24 AM	Wed	JG	0	0	0	27	0	0					

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(January 1 - December 31, 2016)

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996	07/20/2016	2:30 PM	Wed	Rich	0	66	24	0	0		SCT	80	69	2.5f	
997	07/20/2016	3:00 PM	Wed	Rich	0	70	19	0	0		SCT	80	69	2.0f	
998	07/20/2016	4:00 PM	Wed	Rich	0	52	10	0	0		SCT	80	69	1.8r	
999	07/20/2016	7:45 PM	Wed	JG	0	4	0	0	0	0					
1000	07/21/2016	5:31 AM	Thu	JG	0	0	0	38	0	0					
1001	07/21/2016	9:55 PM	Thu	JG	0	0	0	3	0	0					A lot of activity up top
1002	07/22/2016	5:30 AM	Fri	JG	0	0	0	52	0	0					
1003	07/22/2016	8:29 PM	Fri	JG	0	0	0	0	0	0					
1004	07/23/2016	5:26 AM	Sat	JG	0	0	0	74	0	0					
1005	07/23/2016	3:15 PM	Sat	Rich	36	124	32	0	0		SCT	79	69	4.0f	
1006	07/23/2016	4:00 PM	Sat	Rich	27	68	29	0	0		SCT	79	69	3.0f	
1007	07/24/2016	5:32 AM	Sun	JG	0	0	0	107	0	0					
1008	07/24/2016	1:30 PM	Sun	Rich	26	49	20	0	0		SCT	78	69	5.0r	
1009	07/24/2016	2:00 PM	Sun	Rich	45	25	38	0	0		SCT	78	69	4.5f	
1010	07/25/2016	5:30 AM	Mon	JG	0	0	0	83	0	0					
1011	07/25/2016	1:15 PM	Mon	Rich	4	0	0	0	0		OVC	75	69	4.5r	
1012	07/25/2016	2:00 PM	Mon	Rich	4	0	0	0	0		OVC	75	69	5.0r	
1013	07/26/2016	5:34 AM	Tue	JG	0	0	0	78	0	0					
1014	07/26/2016	12:30 PM	Tue	Rich	0	0	0	0	0		OVC	78	69	3.5r	
1015	07/26/2016	1:00 PM	Tue	Rich	3	2	2	0	0		OVC	78	69	4.0r	
1016	07/26/2016	2:00 PM	Tue	Rich	6	36	19	0	0		OVC	78	69	4.5r	
1017	07/26/2016	3:00 PM	Tue	Rich	0	47	14	0	0		SCT	80	69	5.0r	
1018	07/27/2016	5:34 AM	Wed	JG	0	0	0	57	0	0					
1019	07/27/2016	2:00 PM	Wed	Rich	0	0	0	0	0		SCT	80	69	4.5r	
1020	07/27/2016	3:00 PM	Wed	Rich	7	38	10	0	0		SCT	80	69	5.0r	
1021	07/27/2016	4:00 PM	Wed	Rich	6	42	12	0	0		SCT	80	69	5.5r	
1022	07/28/2016	5:23 AM	Thu	JG	0	0	0	64	0	0					
1023	07/30/2016	5:35 AM	Sat	JG	0	0	0	52	0	0					
1024	07/30/2016	1:00 PM	Sat	Rich	15	76	8	0	0		SCT	80	70	2.0f	
1025	07/30/2016	2:00 PM	Sat	Rich	12	101	23	0	0		SCT	80	70	2.5r	



## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

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1026	07/30/2016	3:00 PM	Sat	Rich	28	92	39	0	0		SCT	80	70	3.0r	
1027	07/30/2016	4:00 PM	Sat	Rich	21	86	22	0	0		SCT	80	70	3.5r	
1028	07/31/2016	5:50 AM	Sun	JG	0	9	0	59	0	0					
1029	07/31/2016	12:30 PM	Sun	Rich	6	59	11	0	0		CLR	80	70	2.5f	
1030	07/31/2016	1:00 PM	Sun	Rich	12	65	10	0	0		CLR	80	70	2.0f	
1031	07/31/2016	2:00 PM	Sun	Rich	8	72	15	0	0		CLR	80	70	2.0r	
1032	07/31/2016	3:00 PM	Sun	Rich	10	61	12	0	0		CLR	80	70	2.5r	
1033	08/01/2016	5:30 AM	Mon	JG	0	0	0	54	0	0					
1034	08/01/2016	7:30 PM	Mon	VB	0	0	0	0	0	0					
1035	08/02/2016	5:49 AM	Tue	JG	0	0	0	61	0	0					
1036	08/02/2016	7:30 PM	Tue	VB	0	0	0	0	0	0					
1037	08/03/2016	6:10 AM	Wed	JG	0	0	0	41	0	0					
1038	08/03/2016	1:00 PM	Wed	Rich	15	76	25	0	0		SCT	78	70	3.5f	
1039	08/03/2016	2:00 PM	Wed	Rich	5	65	12	1	0		SCT	78	70	3.0f	
1040	08/03/2016	3:00 PM	Wed	Rich	2	57	8	0	0		SCT	78	70	2.5f	
1041	08/03/2016	4:00 PM	Wed	Rich	0	44	5	0	0		SCT	78	70	1.5f	
1042	08/03/2016	7:30 PM	Wed	VB	0	0	0	0	0	0					
1043	08/04/2016	5:33 AM	Thu	JG	0	0	0	53	0	0					
1044	08/04/2016	7:30 PM	Thu	VB	0	0	0	0	0	0					
1045	08/05/2016	5:52 AM	Fri	JG	0	0	0	84	0	0					
1046	08/05/2016	7:30 PM	Fri	VB	0	0	0	0	0	0					
1047	08/06/2016	5:47 AM	Sat	JG	0	0	0	92	0	0					
1048	08/06/2016	1:00 PM	Sat	Rich	17	44	21	0	0		OVC	76	70	4.5f	
1049	08/06/2016	2:00 PM	Sat	Rich	23	53	13	0	0		OVC	76	70	4.0f	
1050	08/06/2016	3:00 PM	Sat	Rich	20	47	10	0	0		OVC	75	70	3.5f	
1051	08/06/2016	4:00 PM	Sat	Rich	12	45	8	0	0		OVC	75	70	3.0f	
1052	08/06/2016	7:30 PM	Sat	VB	0	0	0	0	0	0					
1053	08/07/2016	6:08 AM	Sun	JG	0	2	0	18	0	0					
1054	08/07/2016	1:15 PM	Sun	Rich	31	38	19	0	0		OVC	76	70	4.5f	
1055	08/07/2016	2:00 PM	Sun	Rich	37	52	18	0	0		OVC	76	70	4.0f	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1056	08/07/2016	3:00 PM	Sun	Rich	35	88	29	0	0		OVC	76	70	3.5f	
1057	08/07/2016	4:00 PM	Sun	Rich	28	65	12	0	0		OVC	76	70	3.0f	
1058	08/07/2016	7:30 PM	Sun	VB	0	0	0	0	0	0					
1059	08/08/2016	6:20 AM	Mon	JG	0	0	0	62	0	0					
1060	08/08/2016	11:30 AM	Mon	Rich	7	1	0	7	0		OVC	73	70	3.5r	
1061	08/08/2016	12:00 PM	Mon	Rich	0	0	0	4	0		OVC	74	70	4.0r	
1062	08/08/2016	1:00 PM	Mon	Rich	4	0	0	4	0		OVC	74	70	4.5r	
1063	08/08/2016	2:00 PM	Mon	Rich	0	0	0	4	0		OVC	74	70	4.5f	
1064	08/08/2016	3:00 PM	Mon	Rich	0	0	0	4	0		OVC	74	70	4.0f	
1065	08/08/2016	7:30 PM	Mon	VB	0	0	0	0	0	0					
1066	08/09/2016	5:04 AM	Tue	JG	0	0	0	74	0	0					floodlights on
1067	08/09/2016	12:00 PM	Tue	Rich	0	52	2	1	0		SCT	73	70	3.5r	
1068	08/09/2016	1:00 PM	Tue	Rich	12	65	8	0	0		SCT	73	70	4.0r	
1069	08/09/2016	2:00 PM	Tue	Rich	6	58	22	0	0		SCT	73	70	4.5r	
1070	08/09/2016	3:00 PM	Tue	Rich	2	49	18	0	0		SCT	73	70	4.5f	
1071	08/09/2016	7:30 PM	Tue	VB	0	0	0	0	0	0					
1072	08/10/2016	5:19 AM	Wed	JG	0	0	0	21	0	0					
1073	08/10/2016	7:30 PM	Wed	VB	0	0	0	0	0	0					
1074	08/11/2016	5:25 AM	Thu	JG	0	0	0	42	0	0					
1075	08/11/2016	7:30 PM	Thu	VB	0	0	0	0	0	0					
1076	08/12/2016	5:31 AM	Fri	JG	0	0	0	11	0	0					
1077	08/12/2016	7:30 PM	Fri	VB	0	0	0	0	0	0					
1078	08/13/2016	5:30 AM	Sat	JG	0	0	0	15	0	0					
1079	08/13/2016	2:00 PM	Sat	Rich	0	77	28	0	0		SCT	78	71	3.0r	
1080	08/13/2016	3:00 PM	Sat	Rich	4	112	20	0	0		SCT	78	71	4.0r	
1081	08/13/2016	4:00 PM	Sat	Rich	12	120	34	0	0		SCT	78	71	4.5r	
1082	08/13/2016	7:30 PM	Sat	VB	0	0	0	0	0	0					
1083	08/14/2016	5:29 AM	Sun	JG	0	0	0	11	0	0					
1084	08/14/2016	4:00 PM	Sun	Rich	12	78	44	0	0		SCT	77	71	4.5r	
1085	08/14/2016	7:30 PM	Sun	VB	0	0	0	0	0	0					

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1086	08/15/2016	5:28 AM	Mon	JG	2	0	0	21	0	0					
1087	08/15/2016	3:00 PM	Mon	Rich	15	49	15	0	0		SCT	80	71	3.0r	
1088	08/15/2016	4:00 PM	Mon	Rich	8	42	12	0	0		SCT	80	71	3.5r	
1089	08/15/2016	7:30 PM	Mon	VB	0	0	0	0	0	0					
1090	08/16/2016	5:25 AM	Tue	JG	0	0	0	15	0	0					
1091	08/16/2016	11:00 AM	Tue	Rich	0	4	2	6	0		SCT	75	71	3.5f	
1092	08/16/2016	12:00 PM	Tue	Rich	0	10	3	3	0		SCT	75	71	3.0f	
1093	08/16/2016	1:00 PM	Tue	Rich	0	7	0	1	0		SCT	75	71	2.5f	
1094	08/16/2016	7:30 PM	Tue	VB	0	0	0	0	0	0					
1095	08/17/2016	5:30 AM	Wed	JG	0	0	0	16	0	0					
1096	08/17/2016	3:00 PM	Wed	Rich	0	0	0	0	0		SCT	78	71	1.5f	
1097	08/17/2016	4:00 PM	Wed	Rich	0	0	0	0	0		CLR	78	71	2.0r	
1098	08/17/2016	5:00 PM	Wed	Rich	0	10	0	0	0		CLR	77	71	3.0r	
1099	08/17/2016	7:30 PM	Wed	VB	0	0	0	0	0	0					
1100	08/18/2016	5:30 AM	Thu	JG	0	0	0	23	0	0					floodlights on
1101	08/18/2016	7:30 PM	Thu	VB	0	0	0	0	0	0					
1102	08/19/2016	5:28 AM	Fri	JG	0	0	0	58	0	0					floodlights on
1103	08/19/2016	7:30 PM	Fri	VB	0	0	0	0	0	0					
1104	08/20/2016	5:28 AM	Sat	JG	0	0	0	84	0	0					
1105	08/20/2016	7:30 PM	Sat	VB	0	0	0	0	0	0					
1106	08/20/2016	9:38 PM	Sat	JG	0	0	0	34	0	0					
1107	08/21/2016	5:28 AM	Sun	JG	0	0	0	97	0	0					floodlights on
1108	08/21/2016	7:30 PM	Sun	VB	0	0	0	0	0	0					
1109	08/22/2016	11:40 AM	Mon	Rich	3	15	3	0	0		CLR	78	70	5.0r	
1110	08/22/2016	12:00 PM	Mon	Rich	5	17	2	0	0		CLR	78	70	5.5r	
1111	08/22/2016	1:00 PM	Mon	Rich	12	33	6	0	0		CLR	78	70	5.5f	
1112	08/22/2016	7:30 PM	Mon	VB	0	0	0	0	0	0					
1113	08/23/2016	5:24 AM	Tue	JG	0	0	0	73	0	0					floodlights on
1114	08/23/2016	12:00 PM	Tue	Rich	3	20	4	0	0		SCT	78	70	5.0r	
1115	08/23/2016	1:00 PM	Tue	Rich	0	30	12	0	0		CLR	78	70	5.5r	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1116	08/23/2016	2:00 PM	Tue	Rich	6	41	14	0	0		CLR	78	70	5.5f	
1117	08/23/2016	3:00 PM	Tue	Rich	15	39	5	0	0		CLR	78	70	5.0f	
1118	08/23/2016	7:30 PM	Tue	VB	0	0	0	0	0	0					
1119	08/24/2016	5:35 AM	Wed	JG	0	0	0	53	0	0					
1120	08/24/2016	1:00 PM	Wed	Rich	16	32	15	0	0		CLR	78	70	5.0r	
1121	08/24/2016	2:00 PM	Wed	Rich	22	32	17	0	0		CLR	78	70	5.5r	
1122	08/24/2016	3:00 PM	Wed	Rich	23	35	18	0	0		CLR	78	70	5.5f	
1123	08/24/2016	4:00 PM	Wed	Rich	20	28	11	0	0		CLR	78	70	5.0f	
1124	08/24/2016	7:30 PM	Wed	VB	0	0	0	0	0	0					
1125	08/25/2016	6:12 AM	Thu	JG	0	0	0	68	0	0					floodlights on
1126	08/25/2016	7:30 PM	Thu	VB	0	0	0	0	0	0					
1127	08/26/2016	5:28 AM	Fri	JG	0	0	0	86	0	0					
1128	08/26/2016	7:37 AM	Fri	JG	0	0	0	67	0	0					
1129	08/26/2016	2:11 PM	Fri	JR	10	0	0	23	0	0	CLR	74	71	4.8 f	
1130	08/26/2016	5:22 PM	Fri	JR	50	0	0	19	0	0	CLR	74	72	5.3 f	First day this summer with rope observed and seals on the beach all day
1131	08/26/2016	6:45 PM	Fri	JG	32	0	0	24	0	0					
1132	08/27/2016	5:23 AM	Sat	JG	0	0	0	53	0	0					
1133	08/27/2016	1:00 PM	Sat	Rich	1	21	4	0	0		SCT	74	69	2.5r	
1134	08/27/2016	2:00 PM	Sat	Rich	5	35	12	0	0		SCT	74	69	3.0r	
1135	08/27/2016	3:00 PM	Sat	Rich	10	52	5	0	0		SCT	73	69	3.5r	
1136	08/27/2016	4:00 PM	Sat	Rich	12	38	4	0	0		SCT	73	69	4.0r	
1137	08/28/2016	5:23 AM	Sun	JG	0	0	0	3	0	0					
1138	08/28/2016	11:15 AM	Sun	Rich	0	0	0	10	0		BKN	72	69	2.5f	
1139	08/28/2016	12:00 PM	Sun	JR	0	0	0	11	0	0	SCT	72	71	2f	No one on beach!
1140	08/28/2016	12:00 PM	Sun	Rich	0	0	0	10	0		BKN	72	69	2.2f	
1141	08/28/2016	1:00 PM	Sun	Rich	0	35	21	0	0		BKN	73	69	2.0r	
1142	08/28/2016	2:00 PM	Sun	Rich	12	57	14	0	0		BKN	73	69	2.5r	
1143	08/28/2016	3:00 PM	Sun	Rich	22	66	27	0	0		BKN	72	69	3.0r	
1144	08/28/2016	4:00 PM	Sun	Rich	18	49	10	0	0		SCT	72	69	3.5r	
1145	08/29/2016	5:25 AM	Mon	JG	0	0	0	37	0	0					

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1146	08/29/2016	9:20 AM	Mon	JR	0	0	0	11	0	0	OVC	70	71	4.8f	
1147	08/29/2016	12:00 PM	Mon	Rich	2	23	0	5	0		OVC	74	69	2.5f	
1148	08/29/2016	12:05 PM	Mon	Rich	0	0	0	2	0	3					5 seals hauled out on SW rock. 3 flushed when group of 6 people approached (on seawall or rocks at base of seawall).
1149	08/29/2016	1:00 PM	Mon	Rich	15	48	15	1	0		SCT	74	69	2.0f	
1150	08/29/2016	2:00 PM	Mon	Rich	23	43	7	1	0		SCT	73	69	2.0r	
1151	08/29/2016	3:00 PM	Mon	Rich	12	34	7	1	0		SCT	73	69	2.5r	
1152	08/29/2016	4:00 PM	Mon	Rich	8	25	13	1	0		SCT	72	69	3.0r	
1153	08/30/2016	5:00 AM	Tue	JG	0	0	0	26	0	0					
1154	08/30/2016	9:30 AM	Tue	JR	0	0	0	10	0	0	CLR	72	71	5f	
1155	08/30/2016	1:00 PM	Tue	Rich	7	6	6	0	0		BKN	76	69	2.0f	
1156	08/30/2016	2:00 PM	Tue	Rich	15	6	0	0	0		BKN	76	69	1.8f	
1157	08/31/2016	5:27 AM	Wed	JG	0	0	0	66	0	0					No floodlights
1158	08/31/2016	12:00 PM	Wed	Rich	0	6	0	11	0		OVC	75	69	3.5f	
1159	08/31/2016	1:00 PM	Wed	Rich	0	9	0	6	0		OVC	75	69	3.0f	
1160	09/01/2016	5:32 AM	Thu	JG	0	0	0	64	0	0					No floodlights
1161	09/02/2016	5:22 AM	Fri	JG	0	0	0	68	0	0					
1162	09/03/2016	5:35 AM	Sat	JG	0	2	0	32	0	0					
1163	09/03/2016	12:00 PM	Sat	Rich	27	43	10	1	0		CLR	72	69	5.0f	
1164	09/03/2016	1:00 PM	Sat	Rich	30	50	18	0	0		CLR	72	69	4.5f	
1165	09/03/2016	2:00 PM	Sat	Rich	28	55	23	0	0		CLR	72	69	4.0f	
1166	09/03/2016	3:00 PM	Sat	Rich	39	64	17	0	0		SCT	72	69	3.0f	
1167	09/03/2016	4:00 PM	Sat	Rich	33	52	8	0	0		SCT	72	69	2.0f	
1168	09/04/2016	5:30 AM	Sun	Ellen	0	0	0	89	0	0	CLR				
1169	09/04/2016	6:33 AM	Sun	JG	0	0	0	77	0	0					
1170	09/04/2016	1:15 PM	Sun	Rich	40	68	17	0	0		SCT	73	69	4.5f	
1171	09/04/2016	2:00 PM	Sun	Rich	39	75	26	0	0		SCT	73	69	3.5f	
1172	09/04/2016	3:00 PM	Sun	Rich	42	88	35	0	0		SCT	72	69	2.5f	
1173	09/04/2016	4:00 PM	Sun	Rich	31	60	10	0	0		SCT	72	69	2.0f	
1174	09/05/2016	5:52 AM	Mon	JG	0	0	0	93	0	0					No floodlights

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1175	09/05/2016	11:00 AM	Mon	Rich	0	0	0	0	0		SCT	70	69	4.5r	
1176	09/05/2016	12:00 PM	Mon	Rich	0	0	0	0	0		SCT	72	69	5.0r	
1177	09/05/2016	1:00 PM	Mon	Rich	20	1	1	0	0		SCT	72	69	4.5f	
1178	09/05/2016	2:00 PM	Mon	Rich	43	28	0	0	0		SCT	72	69	4.0f	
1179	09/05/2016	3:00 PM	Mon	Rich	28	35	14	0	0		CLR	72	69	3.0f	
1180	09/05/2016	4:00 PM	Mon	Rich	32	38	15	0	0		CLR	72	69	2.5f	
1181	09/06/2016	6:26 AM	Tue	JG	0	0	0	58	0	0					
1182	09/06/2016	1:00 PM	Tue	Rich	7	3	0	2	0		CLR	75	69	4.5f	
1183	09/06/2016	2:00 PM	Tue	Rich	4	6	0	2	0		CLR	75	69	4.0f	
1184	09/06/2016	3:00 PM	Tue	Rich	3	3	0	0	0		CLR	75	69	3.5f	
1185	09/06/2016	4:00 PM	Tue	Rich	0	2	0	0	0		CLR	74	69	3.0f	
1186	09/06/2016	6:00 PM	Tue	JR	0	0	0	0	0	0	CLR	74	69	2f	
1187	09/07/2016	6:00 AM	Wed	JG	0	0	0	72	0	0					Lots of seaweed, no flood lights
1188	09/08/2016	5:47 AM	Thu	JG	0	0	0	64	0	0					
1189	09/09/2016	6:28 AM	Fri	JG	0	0	0	94	0	0					
1190	09/09/2016	10:00 PM	Fri	JR	0	0	0	0	0	0	SCT	72	68	1.5f	
1191	09/10/2016	6:23 AM	Sat	JG	0	0	0	68	0	0					
1192	09/10/2016	5:22 PM	Sat	CT	3	40	11	0	0	0	SCT	70	63	3.28 feet and dropping	
1193	09/11/2016	6:25 AM	Sun	JG	0	0	0	79	0	0					
1194	09/12/2016	6:15 AM	Mon	JG	0	0	0	66	0	0					
1195	09/12/2016	2:10 PM	Mon	JR	0	0	0	15	0	0	OVC	72	69	3.5r	
1196	09/12/2016	6:30 PM	Mon	JR	0	0	0	2	0	0	OVC	68	69	5.6r	
1197	09/13/2016	6:44 AM	Tue	JG	0	0	0	37	0	0					
1198	09/14/2016	5:45 AM	Wed	JG	0	0	0	17	0	0					
1199	09/15/2016	6:00 AM	Thu	JG	0	0	0	4	0	0					No floodlights
1200	09/15/2016	9:30 AM	Thu	JR	0	0	0	0	0	0	CLR	72	69	5.5f	
1201	09/15/2016	11:00 AM	Thu	JR	0	0	0	0	0	0	CLR	74	69	4f	
1202	09/15/2016	8:00 PM	Thu	JR	0	0	0	0	0	0	SCT	69	69	6.3r	
1203	09/16/2016	6:00 AM	Fri	JG	0	0	0	43	0	0					No floodlights

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(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1204	09/17/2016	6:15 AM	Sat	JG	0	0	0	12	0	0					Footprints on shore, eastside
1205	09/17/2016	6:45 PM	Sat	JR	0	0	0	0	0	0	SCT	68	69	2r	
1206	09/18/2016	6:45 AM	Sun	JG	0	0	0	84	0	0					
1207	09/18/2016	1:30 PM	Sun	Rich	17	3	0	32	0		OVC	74	68	4.5f	
1208	09/19/2016	6:30 AM	Mon	JG	0	0	0	7	0	0					
1209	09/19/2016	1:00 PM	Mon	JR	0	0	0	0	0	0	OVC	72	69	6f	
1210	09/19/2016	2:00 PM	Mon	JR	2	0	0	0	0	0	OVC	70	69	5f	
1211	09/19/2016	2:00 PM	Mon	Rich	0	0	0	9	0		OVC	72	68	3.5f	
1212	09/19/2016	3:00 PM	Mon	Rich	2	0	0	9	0		OVC	72	68	3.0f	
1213	09/19/2016	4:00 PM	Mon	Rich	0	0	0	10	0		OVC	72	68	2.0f	
1214	09/20/2016	6:00 AM	Tue	JG	0	0	0	128	0	0					
1215	09/20/2016	9:30 AM	Tue	JR	0	0	0	17	0	0	OVC	71	70	2.5f	
1216	09/20/2016	11:45 AM	Tue	Rich	0	0	0	0	0		RAIN	73	68	6.0r	
1217	09/20/2016	1:00 PM	Tue	Rich	0	0	0	0	0		RAIN	73	68	5.5f	
1218	09/20/2016	2:00 PM	Tue	Rich	0	0	0	1	0		RAIN	73	68	5.0f	
1219	09/21/2016	6:44 AM	Wed	JG	0	0	0	137	0	0					
1220	09/21/2016	2:00 PM	Wed	Rich	0	3	0	0	0		OVC	75	68	5.5f	
1221	09/21/2016	3:00 PM	Wed	Rich	2	0	0	0	0		OVC	75	68	5.0f	
1222	09/22/2016	6:07 AM	Thu	JG	0	0	0	152	0	0					
1223	09/22/2016	9:40 AM	Thu	JR	0	0	0	17	0	0	SCT	70	71	3r	
1224	09/22/2016	2:30 PM	Thu	JR	19	0	0	1	0	0	SCT	71	71	5.3 f	
1225	09/22/2016	3:45 PM	Thu	Rich	19	1	0	36	0		BKN	75	68	4.5f	
1226	09/22/2016	4:18 PM	Thu	Rich	0		2	28	0	14					2 adult males entered water about 30' from 42 seals on beach. 14 flushed. Swimmers swam off.
1227	09/22/2016	4:30 PM	Thu	Rich	17	0	0	44	0		BKN	75	68	4.0f	
1228	09/22/2016	5:44 PM	Thu	JG	24	0	0	48	0	0					
1229	09/23/2016	6:05 AM	Fri	JG	0	0	0	178	0	0					

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1230	09/23/2016	8:00 AM	Fri	VB	0	0	0	86	0	30					At 8:00 a.m. a flush of 30 plus seals was caused by the scraping and clanging of a park employee scooping sand up off the sidewalk outside the restrooms below the lifeguard tower. I spoke to the employee and he said he waited until 8:00 a.m. to remove the sand.
1231	09/23/2016	1:15 PM	Fri	JR	11	1	0	23	0	0	CLR	74	69	3.5t	
1232	09/23/2016	2:00 PM	Fri	JR	15	0	1	25	0	12	CLR	75	69	4.5 f	
1233	09/23/2016	9:30 PM	Fri	JR	0	0	0	15	0	0	CLR	68	69	0.7f	
1234	09/24/2016	6:00 AM	Sat	JG	0	0	0	136	0	0					
1235	09/25/2016	6:09 AM	Sun	JG	0	2	0	5	0	0					2 scuba divers seaward, a lot of seals in pool
1236	09/25/2016	12:30 PM	Sun	Rich	5	50	6	0	0		CLR	85	68	2.5r	
1237	09/25/2016	1:00 PM	Sun	Rich	4	75	10	0	0		CLR	85	68	3.0r	
1238	09/25/2016	2:00 PM	Sun	Rich	3	60	14	0	0		CLR	85	68	3.5r	
1239	09/25/2016	3:00 PM	Sun	Rich	1	52	12	0	0		CLR	85	68	4.0r	
1240	09/25/2016	9:45 PM	Sun	JR	0	0	0	5	0	0	CLR	74	68	2f	
1241	09/26/2016	5:40 AM	Mon	JG	0	1	0	18	0	0					1 diver seaward
1242	09/26/2016	2:00 PM	Mon	Rich	0	12	5	1	0		SCT	99	68	2.5r	
1243	09/27/2016	5:30 AM	Tue	JG	0	0	0	19	0	0					
1244	09/27/2016	9:40 AM	Tue	JR	0	0	0	17	0	0	SCT	94	72	4f	
1245	09/27/2016	2:30 PM	Tue	Rich	0	17	4	0	0		BKN	86	68	2.0r	
1246	09/27/2016	3:00 PM	Tue	Rich	0	18	0	0	0		BKN	86	68	2.5r	
1247	09/27/2016	9:10 PM	Tue	JR	2	0	0	0	0	0	CLR	74	72	4.6 f	
1248	09/28/2016	5:35 AM	Wed	JG	0	0	0	32	0	0					
1249	09/28/2016	11:30 AM	Wed	Rich	3	12	2	0	0		SCT	76	68	3.0f	
1250	09/28/2016	12:00 PM	Wed	Rich	5	12	1	0	0		SCT	78	68	2.5f	
1251	09/28/2016	1:00 PM	Wed	Rich	0	13	0	0	0		SCT	78	68	2.0f	
1252	09/28/2016	2:00 PM	Wed	Rich	0	8	2	0	0		SCT	78	68	1.5f	
1253	09/28/2016	3:00 PM	Wed	Rich	0	6	0	0	0		SCT	78	68	1.5r	
1254	09/29/2016	5:55 AM	Thu	JG	0	0	0	27	0	0					
1255	09/29/2016	1:50 PM	Thu	Rich	1	2	0	1	0		SCT	84	68	1.5f	
1256	09/29/2016	3:00 PM	Thu	Rich	1	4	2	1	0		SCT	85	68	1.0f	



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(January 1 - December 31, 2016)

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1257	09/30/2016	5:40 AM	Fri	JG	0	0	0	66	0	0					
1258	10/01/2016	5:50 AM	Sat	JG	0	3	0	11	0	0					3 scuba divers seaward. Lobster season opened last night at midnight.
1259	10/02/2016	1:30 PM	Sun	Rich	8	0	1	80	0		SCT	72	67	2.5f	
1260	10/02/2016	1:35 PM	Sun	Rich	0		1	74	0	6					Male swimmer entered water about 100' from seals. 6 of 80 flushed. Male swam away.
1261	10/02/2016	5:00 PM	Sun	JR	5	15	0	7	0	0	CLR	75	69	0.7r	People right next to seals at water's edge but did not flush
1262	10/03/2016	5:50 AM	Mon	JG	0	0	0	173	2	0					
1263	10/03/2016	1:00 PM	Mon	Rich	5	23	3	3	0		CLR	72	67	3.5f	
1264	10/03/2016	2:00 PM	Mon	Rich	2	22	3	4	0		CLR	72	67	3.0f	
1265	10/03/2016	3:00 PM	Mon	Rich	0	29	1	5	0		CLR	72	67	2.0f	
1266	10/04/2016	6:05 AM	Tue	JG	0	0	0	157	0	0					
1267	10/04/2016	12:15 PM	Tue	Rich	7	4	3	18	0		CLR	72	67	4.5f	
1268	10/04/2016	1:00 PM	Tue	Rich	2	6	0	21	0		CLR	72	67	4.0f	
1269	10/04/2016	2:00 PM	Tue	Rich	6	3	4	23	0		CLR	72	67	3.5f	
1270	10/04/2016	3:00 PM	Tue	Rich	2	5	0	25	0		CLR	72	67	3.0f	
1271	10/04/2016	6:19 PM	Tue	JG	0	0	0	12	0	0					
1272	10/05/2016	5:53 AM	Wed	JG	0	0	0	147	0	0					
1273	10/05/2016	1:00 PM	Wed	Rich	6	14	4	0	0		SCT	72	67	4.5f	
1274	10/05/2016	2:00 PM	Wed	Rich	0	9	0	0	0		SCT	73	67	4.0f	
1275	10/05/2016	3:00 PM	Wed	Rich	2	4	0	0	0		SCT	72	67	3.5f	
1276	10/06/2016	5:45 AM	Thu	JG	0	0	0	84	0	0					
1277	10/06/2016	11:30 AM	Thu	Rich	0	21	0	0	0		CLR	72	67	4.5r	
1278	10/06/2016	12:00 PM	Thu	Rich	0	2	0	0	0		CLR	72	67	5.0r	
1279	10/06/2016	1:00 PM	Thu	Rich	2	14	0	0	0		CLR	72	67	4.5f	
1280	10/06/2016	2:00 PM	Thu	Rich	6	5	6	0	0		CLR	72	67	4.0f	
1281	10/06/2016	3:00 PM	Thu	Rich	4	7	2	0	0		CLR	72	67	3.5f	
1282	10/07/2016	5:50 AM	Fri	JG	0	2	0	49	0	0					2 divers seaward (eastside)
1283	10/07/2016	2:12 PM	Fri	VB	0	0	0	8	0	0				high	
1284	10/08/2016	5:45 AM	Sat	JG	0	0	0	33	0	0					Diver lights in pool area

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(January 1 - December 31, 2016)

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1285	10/08/2016	8:50 AM	Sat	JR	0	0	0	0	0	0					Two spear fishermen wet on sidewalk
1286	10/09/2016	5:50 AM	Sun	JG	0	3	0	19	0	0					3 divers seaward
1287	10/09/2016	12:30 PM	Sun	Rich	2	52	1	0	0		SCT	75	66	3.5r	
1288	10/09/2016	1:00 PM	Sun	Rich	0	31	3	0	0		SCT	78	66	3.8r	
1289	10/09/2016	2:00 PM	Sun	Rich	0	43	23	0	0		SCT	80	66	4.0r	
1290	10/09/2016	3:00 PM	Sun	Rich	0	51	12	0	0		SCT	80	66	4.2r	
1291	10/10/2016	5:50 AM	Mon	JG	0	0	0	82	0	0					
1292	10/10/2016	1:00 PM	Mon	Rich	0	8	10	0	0		SCT	75	66	3.5r	
1293	10/10/2016	2:00 PM	Mon	Rich	8	12	8	0	0		SCT	75	66	3.8r	
1294	10/10/2016	3:00 PM	Mon	Rich	5	19	3	0	0		SCT	75	66	4.0r	
1295	10/11/2016	5:49 AM	Tue	JG	0	0	0	194	0	0					
1296	10/11/2016	2:00 PM	Tue	Rich	18	0	0	156	0		OVC	68	66	3.0r	
1297	10/11/2016	2:30 PM	Tue	JR	10	0	0	156	0	0	OVC	65	69	5.3r	
1298	10/11/2016	3:00 PM	Tue	Rich	9	0	0	162	0		OVC	68	66	3.5r	
1299	10/11/2016	5:25 PM	Tue	JG	23	1	0	97	0	0					One snorkeler far east of ropes, seaward.
1300	10/11/2016	10:45 PM	Tue	JR	0	0	0	70	0	0	SCT	64	69	1.2f	
1301	10/12/2016	5:45 AM	Wed	JG	0	0	0	126	0	0					
1302	10/12/2016	12:00 PM	Wed	Rich	10	0	0	50	0		OVC	66	66	2.0f	
1303	10/12/2016	1:00 PM	Wed	Rich	5	0	0	54	0		OVC	66	66	1.7f	
1304	10/12/2016	1:30 PM	Wed	ES	0	0	0	49	0	49	SCT				Couple with 4 helium balloons dancing in the wind - first, movement scared seals and 9 flushed. All flushed few minutes later when the balloons were released.
1305	10/12/2016	1:30 PM	Wed	Rich	0		0	0	0	54					All 54 seals flushed when an unknown person on breakwater released a bunch of mylar balloons
1306	10/12/2016	2:00 PM	Wed	Rich	0	0	0	0	0		BKN	68	66	2.0r	
1307	10/12/2016	3:00 PM	Wed	Rich	0	0	0	0	0		SCT	68	66	2.5r	
1308	10/12/2016	4:00 PM	Wed	Rich	0	0	0	0	0		BKN	67	66	3.0r	
1309	10/13/2016	5:50 AM	Thu	JG	0	0	0	72	0	0					
1310	10/13/2016	9:40 AM	Thu	JR	0	0	0	11	0	0	CLR	70	65	5f	
1311	10/13/2016	12:30 PM	Thu	Rich	2	2	0	0	0		SCT	68	66	1.5f	
1312	10/13/2016	1:00 PM	Thu	Rich	0	2	2	0	0		SCT	68	66	1.0f	

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(January 1 - December 31, 2016)

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1313	10/13/2016	2:00 PM	Thu	Rich	0	10	2	0	0		SCT	68	66	1.0r	
1314	10/13/2016	3:00 PM	Thu	Rich	0	17	1	0	0		SCT	68	66	1.5r	
1315	10/14/2016	5:59 AM	Fri	JG	0	0	0	62	0	0					
1316	10/14/2016	4:50 PM	Fri	JG	19	0	0	56	0	0					
1317	10/15/2016	6:11 AM	Sat	JG	0	0	0	52	0	0					
1318	10/15/2016	12:00 PM	Sat	JR	25	0	0	31	0	0	CLR	74	68	3f	
1319	10/15/2016	4:45 PM	Sat	JR	0	17	0	0	0	0	CLR	75	68	0.74r	
1320	10/15/2016	10:00 PM	Sat	JR	0	0	0	26	1	0	OVC	74	68	5f	
1321	10/16/2016	6:00 AM	Sun	JG	0	0	0	92	0	0					
1322	10/16/2016	1:00 PM	Sun	Rich	28	0	0	80	0		BKN	70	65	3.0f	
1323	10/16/2016	2:00 PM	Sun	Rich	3	0	0	93	0		BKN	70	65	2.0f	
1324	10/16/2016	3:00 PM	Sun	Rich	12	0	0	97	0		BKN	70	65	1.0f	
1325	10/16/2016	4:00 PM	Sun	Rich	11	0	0	103	0		BKN	69	65	-0.5	
1326	10/17/2016	6:04 AM	Mon	JG	0	0	0	133	1	0					
1327	10/17/2016	1:30 PM	Mon	Rich	23	0	0	95	0		OVC	72	65	3.5f	
1328	10/17/2016	2:00 PM	Mon	Rich	9	0	0	105	0		RAIN	70	65	2.5f	
1329	10/17/2016	3:00 PM	Mon	Rich	3	0	0	109	0		OVC	69	65	1.0f	
1330	10/17/2016	5:10 PM	Mon	JR	0	0	0	110	0	0	CLR	71	67	-.5r	
1331	10/17/2016	6:01 PM	Mon	JG	0	0	0	96	0	0					
1332	10/18/2016	6:05 AM	Tue	JG	0	0	0	138	11	0					
1333	10/18/2016	12:30 PM	Tue	Rich	18	0	0	30	0		CLR	69	65	6.0f	
1334	10/18/2016	1:00 PM	Tue	Rich	21	0	0	36	0		CLR	69	65	5.0f	
1335	10/18/2016	2:00 PM	Tue	Rich	32	0	0	65	0		CLR	69	65	4.0f	
1336	10/18/2016	3:00 PM	Tue	Rich	18	0	0	74	0		CLR	69	65	3.0f	
1337	10/18/2016	4:00 PM	Tue	Rich	15	0	0	82	0		CLR	69	65	2.0f	
1338	10/18/2016	5:50 PM	Tue	JG	0	0	0	66	0	0					
1339	10/18/2016	6:45 PM	Tue	JR	14	0	0	70	0	0	CLR	71	68	0.0r	
1340	10/19/2016	6:01 AM	Wed	JG	0	0	0	92	0	0					
1341	10/19/2016	1:00 PM	Wed	Rich	19	0	0	0	0		CLR	72	65	6.0f	
1342	10/19/2016	2:00 PM	Wed	Rich	2	0	0	6	0		CLR	72	65	5.0f	

## 2016 Casa Beach Seal Counts, Raw Data

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1343	10/19/2016	3:00 PM	Wed	Rich	10	0	0	8	0		CLR	72	65	4.0f	
1344	10/20/2016	6:13 AM	Thu	JG	0	0	0	87	0	0					
1345	10/20/2016	1:00 PM	Thu	Rich	10	10	0	0	0		CLR	81	65	5.5f	
1346	10/20/2016	2:00 PM	Thu	Rich	10	27	2	0	0		CLR	81	65	4.5f	
1347	10/20/2016	3:00 PM	Thu	Rich	15	15	3	0	0		CLR	81	65	4.0f	
1348	10/20/2016	10:23 PM	Thu	JR	0	0	0	0	0	0	CLR	81	67	1.3r	
1349	10/21/2016	5:56 AM	Fri	JG	0	0	0	49	0	0					
1350	10/22/2016	5:58 AM	Sat	JG	0	0	0	33	0	0					
1351	10/22/2016	10:00 PM	Sat	JR	0	0	0	0	0	0	CLR	64	64	0.3f	
1352	10/23/2016	6:03 AM	Sun	JG	0	0	0	87	0	0					
1353	10/23/2016	1:00 PM	Sun	Rich	38	0	0	110	0		OVC	76	64	3.5r	
1354	10/23/2016	2:00 PM	Sun	Rich	24	0	0	123	0		OVC	76	64	4.0r	
1355	10/23/2016	3:00 PM	Sun	Rich	47	0	0	127	0		BKN	76	64	4.5r	
1356	10/23/2016	4:00 PM	Sun	Rich	38	0	0	131	0		BKN	76	64	4.7r	
1357	10/23/2016	5:44 PM	Sun	JG	23	0	0	86	0	0					
1358	10/24/2016	6:08 AM	Mon	JG	0	0	0	133	1	0					
1359	10/24/2016	8:00 AM	Mon	MG	0	0	0	50	0	0					
1360	10/24/2016	1:00 PM	Mon	Rich	2	0	0	60	0		OVC	72	64	2.5r	
1361	10/24/2016	2:00 PM	Mon	Rich	0	0	0	53	0		OVC	72	64	3.0r	
1362	10/24/2016	2:02 PM	Mon	MG	0	0	0	40	0	0					
1363	10/24/2016	3:00 PM	Mon	Rich	0	0	0	34	0		OVC	70	64	3.5r	
1364	10/24/2016	3:01 PM	Mon	MG	0	0	0	33	0	0					
1365	10/24/2016	4:00 PM	Mon	Rich	0	0	0	23	0		OVC	69	64	4.0r	
1366	10/25/2016	2:23 AM	Tue	MG	0	0	0	80	0	0	OVR				
1367	10/25/2016	6:00 AM	Tue	JG	0	0	1	14	0	0					One diver in pool
1368	10/25/2016	1:30 PM	Tue	Rich	0	0	0	0	0		CLR	70	64	2.0r	
1369	10/25/2016	2:00 PM	Tue	Rich	0	2	0	0	0		CLR	68	64	2.5r	
1370	10/25/2016	2:45 PM	Tue	Rich	0	2	0	66	0	2					Man and woman crossed rope and approached 68 seals. 2 flushed, 5 alerted.
1371	10/25/2016	3:00 PM	Tue	Rich	0	0	0	0	0		CLR	66	64	3.0r	
1372	10/26/2016	6:00 AM	Wed	JG	0	0	0	71	0	0					

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1373	10/26/2016	1:00 PM	Wed	Rich	11	0	0	66	0		SCT	68	64	1.5f	
1374	10/26/2016	2:00 PM	Wed	Rich	0		2	40	0	20					2 men crossed rope and entered water about 20' from closest seal. 20 of 60 flushed.
1375	10/26/2016	2:00 PM	Wed	Rich	0	0	0	67	0		SCT	67	64	1.5r	
1376	10/26/2016	3:00 PM	Wed	Rich	14	0	0	78	0		SCT	67	64	2.0r	
1377	10/27/2016	6:00 AM	Thu	JG	0	0	0	87	0	0					Floodlights on
1378	10/27/2016	11:00 AM	Thu	Rich	0	0	0	15	0		OVC	70	64	2.5f	
1379	10/27/2016	12:00 PM	Thu	Rich	0	0	0	18	0		OVC	72	64	2.0f	
1380	10/27/2016	1:00 PM	Thu	Rich	0	0	0	7	0		OVC	70	64	1.5f	
1381	10/27/2016	2:00 PM	Thu	Rich	0	0	0	7	0		OVC	70	64	1.0f	
1382	10/27/2016	3:00 PM	Thu	Rich	0	0	0	10	0		OVC	70	64	1.0r	
1383	10/28/2016	6:00 AM	Fri	JG	0	0	0	143	0	0					
1384	10/28/2016	5:05 PM	Fri	JG	0	0	0	72	0	0					
1385	10/29/2016	6:03 AM	Sat	JG	0	0	0	43	0	0					
1386	10/30/2016	6:05 AM	Sun	JG	0	0	0	71	0	0					
1387	10/30/2016	12:30 PM	Sun	Rich	27	3	0	39	0		OVC	68	63	3.0f	1 juvenile elephant seal
1388	10/30/2016	1:00 PM	Sun	Rich	13	8	0	44	0		OVC	68	63	2.5f	1 juvenile elephant seal
1389	10/30/2016	1:10 PM	Sun	Rich	0		1	29	0	15					Woman entered water about 100' from seals. 15 of 44 flushed.
1390	10/30/2016	5:30 PM	Sun	JR	0	0	0	0	0	0	OVC	66	66	4.5r	
1391	10/31/2016	6:05 AM	Mon	JG	0	0	0	106	0	0					
1392	10/31/2016	12:00 PM	Mon	Rich	2	0	0	68	0		BKN	67	63	4.0f	1 juvenile elephant seal
1393	10/31/2016	12:55 PM	Mon	Rich	0	2	0	66	0	2					Man and woman crossed rope and walked to cliff corner of beach, about 50' from seals. 2 of 68 flushed and 15 moved.
1394	10/31/2016	1:00 PM	Mon	Rich	0	0	0	76	0		OVC	68	63	3.0f	1 juvenile elephant seal
1395	10/31/2016	2:00 PM	Mon	Rich	0	0	0	81	0		BKN	68	63	2.0f	1 juvenile elephant seal
1396	10/31/2016	3:50 PM	Mon	JG	0	0	0	82	0	0					
1397	11/01/2016	6:06 AM	Tue	JG	0	0	0	158	0	0					
1398	11/01/2016	5:30 PM	Tue	JG	0	0	0	93	0	0					
1399	11/01/2016	6:30 PM	Tue	JR	0	0	0	90	0	0	CLR	63	66	0.6r	
1400	11/02/2016	5:54 AM	Wed	JG	0	0	0	79	0	0					

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

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1401	11/02/2016	9:00 AM	Wed	MA	3	0	0	23	0	0	CLR	65	63	2 ft	3 puppy w/ tag
1402	11/02/2016	2:30 PM	Wed	JR	0	0	1	3	0	0	CLR	69	66	1.9f	Dave Johnson swimming in pool
1403	11/02/2016	5:25 PM	Wed	JG	0	3	0	3	0	0					
1404	11/02/2016	10:10 PM	Wed	JR	0	0	0	0	0	0	CLR	69	66	1.7f	
1405	11/03/2016	6:00 AM	Thu	JG	0	0	0	23	0	0					2 divers in area
1406	11/03/2016	1:00 PM	Thu	Rich	3	0	0	26	0	0	CLR	70	63	4.5f	1 juvenile elephant seal
1407	11/03/2016	2:00 PM	Thu	Rich	2	0	0	38	0	0	CLR	70	63	3.5f	1 juvenile elephant seal
1408	11/03/2016	3:00 PM	Thu	Rich	0	0	0	34	0	0	CLR	72	63	3.0f	1 juvenile elephant seal
1409	11/03/2016	5:12 PM	Thu	JG	0	6	0	4	0	0					
1410	11/04/2016	6:06 AM	Fri	JG	0	0	0	67	0	0					
1411	11/04/2016	7:00 AM	Fri	Ulibarri	0	0	0	120	1	0	OVC	58	67	Falling	Seals were wary of my presence, even when I stood on sidewalk near the Lifeguard tower. There were five seals on South Casa Beach, but they flushed into the water when I walked down to the top of the stairs. I felt bad about this, but I hadn't made any sudden moves or loud noises, and I was not on the beach. Again, the seals seem very skittish, more than usual. Perhaps it has to do with many of them being pregnant? Perhaps there has been some human harassment (not witnessed by me)?
1412	11/04/2016	4:45 PM	Fri	JG	29	0	0	93	0	0					
1413	11/05/2016	6:05 AM	Sat	JG	0	0	0	83	0	0					
1414	11/05/2016	5:30 PM	Sat	JR	39	0	0	97	0	0	CLR	67	63	2r	
1415	11/06/2016	5:00 AM	Sun	JG	0	0	0	81	2	0					
1416	11/06/2016	1:00 PM	Sun	Rich	36	0	0	69	0	0	SCT	68	62	4.5f	
1417	11/06/2016	2:00 PM	Sun	Rich	32	0	0	77	0	0	SCT	68	62	3.5f	
1418	11/06/2016	3:00 PM	Sun	Rich	48	0	0	89	0	0	SCT	67	62	3.0f	
1419	11/06/2016	4:05 PM	Sun	Deb	44	0	0	100	0	0	SCT	70	67	2,53 F	Tide crashing over seawall. All people behind rope, yay!
1420	11/07/2016	6:03 AM	Mon	JG	0	0	0	72	5	0					
1421	11/07/2016	2:00 PM	Mon	Rich	8	0	0	29	0	0	SCT	68	62	4.0r	
1422	11/07/2016	3:00 PM	Mon	Rich	4	6	0	23	0	0	SCT	68	62	4.0f	
1423	11/07/2016	4:00 PM	Mon	Rich	2	14	2	18	0	0	SCT	66	62	3.5f	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1424	11/08/2016	5:38 AM	Tue	JG	0	0	0	47	0	0					
1425	11/08/2016	2:00 PM	Tue	Rich	0	10	0	0	0	0	SCT	72	62	3.5r	
1426	11/08/2016	3:00 PM	Tue	Rich	3	9	1	0	0	0	SCT	70	62	4.0r	
1427	11/08/2016	4:00 PM	Tue	Rich	8	8	0	0	0	0	SCT	70	62	4.2r	
1428	11/08/2016	4:30 PM	Tue	JG	0	0	0	0	0	0					
1429	11/08/2016	11:22 PM	Tue	JR	0	0	0	0	0	0	CLR	69	65	0.7r	
1430	11/09/2016	6:00 AM	Wed	JG	0	0	0	8	0	0					Contractors working on bathrooms
1431	11/09/2016	9:00 PM	Wed	JR	0	0	0	70	0	0	CLR	68	66	1r	
1432	11/10/2016	5:55 AM	Thu	JG	0	0	0	14	3	0					No contractors
1433	11/10/2016	2:30 PM	Thu	Rich	23	0	0	85	0	0	SCT	78	62	2.0r	
1434	11/10/2016	3:00 PM	Thu	Rich	13	0	0	90	0	0	CLR	76	62	2.5r	
1435	11/10/2016	4:00 PM	Thu	Rich	21	0	0	89	0	0	CLR	75	62	3.5r	
1436	11/11/2016	5:35 AM	Fri	JG	0	0	0	57	2	0					
1437	11/11/2016	10:00 PM	Fri	JR	0	0	0	105	3	0	CLR	67	63	1.9f	
1438	11/12/2016	5:40 AM	Sat	kg	0	0	0	27	0	0				High	
1439	11/12/2016	10:30 AM	Sat	KO	12	0	0	49	0	0	CLR	74		1.59 dropping	
1440	11/13/2016	5:58 AM	Sun	JG	0	0	0	77	42	0					
1441	11/13/2016	7:50 AM	Sun	JR	0	0	0	63	20	0	CLR	66	63	6.4f	
1442	11/13/2016	10:45 AM	Sun	JR	22	0	0	54	0	0	CLR	73	63	4f	
1443	11/13/2016	12:15 PM	Sun	Rich	17	0	0	80	0	0	CLR	76	62	0.0f	
1444	11/13/2016	1:00 PM	Sun	Rich	12	0	0	20	0	0	CLR	76	62	-0.5	
1445	11/13/2016	2:00 PM	Sun	Rich	5	0	0	24	0	0	CLR	75	62	-1	
1446	11/13/2016	3:00 PM	Sun	Rich	0	0	0	18	0	0	CLR	74	62	-0.5	
1447	11/14/2016	6:05 AM	Mon	JG	0	0	0	87	4	0				High	
1448	11/14/2016	9:30 AM	Mon	KO	12	0	117	17	0	0	CLR	72	65	5.96 dropping	
1449	11/14/2016	10:15 AM	Mon	KO	9	0	0	0	0	1	CLR	79	65	4.5 feet dropping	
1450	11/15/2016	6:00 AM	Tue	JG	0	0	0	43	1	0					
1451	11/15/2016	9:30 AM	Tue	JR	0	0	0	5	0	0	CLR	65	63	7.3f	
1452	11/15/2016	12:45 PM	Tue	Rich	2	0	0	0	0	0	BKN	68	62	3.0f	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1453	11/15/2016	1:30 PM	Tue	Rich	0	0	0	0	0	0	OVC	68	62	2.0f	
1454	11/16/2016	5:50 AM	Wed	JG	0	0	0	56	0	0					
1455	11/16/2016	1:00 PM	Wed	JR	25	0	0	100	0	0	CLR	65	65	5f	
1456	11/16/2016	1:30 PM	Wed	JR	20	0	0	120	0	0	SCT	65	65	4f	
1457	11/16/2016	7:10 PM	Wed	JR	0	0	0	100	0	0	OVC	65	65	3f	
1458	11/17/2016	6:00 AM	Thu	JG	0	0	0	82	28	0					All spread out over beach
1459	11/17/2016	12:00 PM	Thu	Rich	42	0	0	73	0	0	CLR	65	62	5.5f	
1460	11/17/2016	1:00 PM	Thu	Rich	24	0	0	88	0	0	CLR	65	62	4.5f	
1461	11/17/2016	2:00 PM	Thu	Rich	19	0	0	108	0	0	CLR	65	62	3.5f	
1462	11/17/2016	3:00 PM	Thu	Rich	27	0	0	130	0	0	CLR	64	62	2.0f	
1463	11/17/2016	4:10 PM	Thu	JR	23	0	0	122	0	0	CLR	67	66	-0.4f	
1464	11/18/2016	5:55 AM	Fri	JG	0	0	0	48	0	0					All spread out on beach
1465	11/18/2016	3:30 PM	Fri	JR	0	0	0	35	0	0	CLR	66	65	3.9r	
1466	11/18/2016	4:15 PM	Fri	JR	15	2	2	100	0	10	CLR	68	67	0.6f	
1467	11/18/2016	11:30 PM	Fri	JR	0	0	0	75	0	0	CLR	54	65	3.2 r	
1468	11/19/2016	6:00 AM	Sat	JG	0	0	0	47	0	0					All spread out over beach
1469	11/19/2016	5:00 PM	Sat	JG	17	0	0	62	0	0					No floodlights
1470	11/20/2016	6:00 AM	Sun	JG	0	0	0	62	2	0					All spread out
1471	11/20/2016	12:55 PM	Sun	Rich	0	2	2	100	0	25					Two spearfishermen entered water along cliffside about 50 feet from closest seals, causing 25 of 125 to flush.
1472	11/21/2016	5:45 AM	Mon	JG	0	0	0	33	0	0					
1473	11/21/2016	12:00 PM	Mon	JR	40	0	0	200	0	0	SCT	65	61	3r	
1474	11/22/2016	5:55 AM	Tue	JG	0	0	0	64	0	0					All seaward spread out
1475	11/23/2016	5:55 AM	Wed	JG	0	0	0	23	3	0					
1476	11/23/2016	9:06 AM	Wed	KO	0	0	0	15	0	0	CLR	59	65	2.38 dropping	
1477	11/24/2016	5:55 AM	Thu	JG	0	0	2	7	0	0				High	2 divers
1478	11/24/2016	2:30 PM	Thu	JR	2	0	0	33	0	0	CLR	72	65	2r	
1479	11/24/2016	4:05 PM	Thu	Deb	2	0	0	54	0	0	CLR	70	65	3.27 R	All seals on west side of beach. 82 people on seawall.
1480	11/24/2016	8:30 PM	Thu	JR	0	0	0	95	0	0	CLR	56	65	2.7f	



## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1481	11/25/2016	5:55 AM	Fri	JG	0	0	0	54	4	0					
1482	11/25/2016	9:20 AM	Fri	JR	5	0	0	27	0	0	CLR	61	65	3.2 f	
1483	11/25/2016	12:00 PM	Fri	PK	0	65	0	21	0	0					
															<p>I wrote numbers next to the clusters of seals. The group of 4 closest to the street were being harassed and eventually disbanded. I saw a very large one (pregnant?) try to come out of the water to the far right of the beach (if standing on beach); there were too many people and it went quickly back into the water.</p> <p>There was also one sea lion (designated by the "SL" way out of the surf line closer to the lifeguard tower. I don't know why it had sand piled around it and on its back but it laid motionless for so long I was worried and then it finally moved its head.</p> <p>--Polly Kanavel</p>
1484	11/25/2016	2:54 PM	Fri	VB	0	84	0	21	0	0	CLR				
1485	11/26/2016	5:55 AM	Sat	JG	0	0	0	31	0	0				High	
1486	11/26/2016	4:12 PM	Sat	Deb	0	0	0	12	0	0	SCT	56	65	1.9 R	Raining heavily just before the count.
1487	11/27/2016	6:00 AM	Sun	JG	0	0	0	27	4	0					
1488	11/28/2016	5:55 AM	Mon	JG	0	0	0	53	7	0					
1489	11/28/2016	11:30 AM	Mon	Rich	25	0	0	140	0	0	BKN	62	61	2.0f	
1490	11/28/2016	12:00 PM	Mon	Rich	27	0	0	147	0	0	BKN	62	61	1.5f	
1491	11/28/2016	12:30 PM	Mon	JR	6	0	0	144	0	0	CLR	61	62	0.6 f	
1492	11/28/2016	1:00 PM	Mon	Rich	8	0	0	152	0	0	BKN	62	61	0.5f	
1493	11/28/2016	2:00 PM	Mon	Rich	9	0	0	163	0	0	OVC	60	61	0.0f	
1494	11/28/2016	2:45 PM	Mon	JR	9	0	0	170	0	0	OVC	61	62	-0.2r	
1495	11/29/2016	5:55 AM	Tue	JG	0	0	0	31	0	0					
1496	11/29/2016	9:30 AM	Tue	JR	5	0	0	50	0	0	CLR	65	61	CA	
1497	11/29/2016	1:30 PM	Tue	Rich	0	0	0	68	0	0	CLR	63	61	1.0f	
1498	11/29/2016	2:00 PM	Tue	Rich	2	0	0	71	0	0	CLR	64	61	0.0f	
1499	11/29/2016	3:00 PM	Tue	Rich	0	0	0	81	0	0	CLR	64	61	-0.3	
1500	11/29/2016	4:00 PM	Tue	Rich	2	0	0	87	0	0	CLR	63	61	0.0r	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1501	11/30/2016	5:50 AM	Wed	JG	0	0	0	19	0	0					
1502	11/30/2016	1:00 PM	Wed	Rich	7	0	0	60	0	0	CLR	62	61	2.5f	
1503	11/30/2016	2:00 PM	Wed	Rich	2	0	0	66	0	0	CLR	62	61	1.5f	
1504	11/30/2016	3:30 PM	Wed	JR	2	0	0	30	0	0	CLR	63	62	-0.3f	
1505	11/30/2016	5:30 PM	Wed	JR	6	0	0	35	0	0	CLR	62	62	2r	
1506	11/30/2016	7:45 PM	Wed	JR	2	0	0	55	0	0	CLR	63	62	2.8 r	
1507	12/01/2016	5:45 AM	Thu	JG	0	0	0	93	0	0					
1508	12/01/2016	8:10 PM	Thu	JR	0	0	0	40	0	0	CLR	59	62	2.6 r	
1509	12/02/2016	6:10 AM	Fri	JG	0	0	0	36	1	0					
1510	12/02/2016	7:20 PM	Fri	JR	0	0	0	25	0	0	CLR	59	62	2.6r	
1511	12/03/2016	5:50 AM	Sat	JG	0	0	0	21	0	0					People with bright flashlights
1512	12/03/2016	2:34 PM	Sat	Sanja	0	36	36	71	0	0	CLR	64	61	2+	
1513	12/03/2016	3:48 PM	Sat	Sanja	14	0	0	76	0	0	CLR	64	61	0.71 ft	
1514	12/04/2016	6:15 AM	Sun	JG	0	0	0	37	0	0					
1515	12/04/2016	1:30 PM	Sun	Rich	24	0	0	74	0	0	SCT	69	60	4.0f	
1516	12/04/2016	2:00 PM	Sun	Rich	18	0	0	78	0	0	SCT	68	60	3.0f	
1517	12/04/2016	2:30 PM	Sun	Rich	25	0	1	75	0	8	SCT	67	60		Observed David Johnson swimming within Pool waters, causing a few seals to flush every few minutes.
1518	12/04/2016	3:00 PM	Sun	Rich	21	1	0	71	0	0	SCT	66	60	2.5f	
1519	12/04/2016	4:05 PM	Sun	Deb	10	18	0	88	0	10	CLR	66	62	1.04 F	David Johnson seaward with handouts encouraging people to cross rope. Intermittent seals flushing.
1520	12/05/2016	5:40 AM	Mon	JG	0	0	0	58	0	0					
1521	12/05/2016	12:00 PM	Mon	Rich	17	0	0	100	0	0	BKN	62	60	4.5f	
1522	12/05/2016	1:00 PM	Mon	Rich	8	0	0	128	0	0	OVC	62	60	4.0f	
1523	12/05/2016	2:00 PM	Mon	Rich	20	0	0	153	0	0	BKN	62	60	3.5f	
1524	12/05/2016	3:00 PM	Mon	Rich	22	0	0	161	0	0	BKN	62	60	3.0f	
1525	12/06/2016	5:58 AM	Tue	JG	0	0	0	84	3	0					
1526	12/06/2016	12:00 PM	Tue	Rich	11	0	0	64	0	0	BKN	64	60	4.0r	
1527	12/06/2016	1:00 PM	Tue	Rich	0	0	0	75	0	0	BKN	62	60	4.2r	
1528	12/06/2016	3:30 PM	Tue	Rich	5	0	0	90	0	0	BKN	60	60	3.5f	

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1529	12/06/2016	4:00 PM	Tue	Rich	8	0	0	93	0	0	BKN	61	60	3.0f	
1530	12/06/2016	8:30 PM	Tue	JR	0	0	0	15	0	0	CLR	59	62	0.6f	
1531	12/07/2016	1:30 PM	Wed	Rich	0	0	0	128	0	0	BKN	60	60	3.5r	
1532	12/07/2016	2:00 PM	Wed	Rich	3	0	0	136	0	0	SCT	60	60	3.7r	
1533	12/07/2016	3:00 PM	Wed	Rich	16	0	0	142	0	0	SCT	60	60	4.0f	
1534	12/08/2016	5:35 AM	Thu	JG	0	0	0	17	2	0					
1535	12/08/2016	9:45 AM	Thu	JR	0	4	0	2	0	0	CLR	61	62	1r	
1536	12/08/2016	11:45 AM	Thu	JR	0	6	1	0	0	0	CLR	61	62	1.8 r	
1537	12/08/2016	11:45 AM	Thu	JR	0	6	1	0	0	0	CLR	61	62	1.8 r	
1538	12/08/2016	3:30 PM	Thu	Rich	0	0	2	2	0	0	SCT	61	60	3.5r	
1539	12/08/2016	4:00 PM	Thu	Rich	0	3	0	2	0	0	SCT	60	60	3.7r	
1540	12/09/2016	6:45 AM	Fri	JG	0	0	0	15	0	0					
1541	12/09/2016	1:24 PM	Fri	JR	0	6	0	0	0	0	SCT	62	62	1.4r	
1542	12/10/2016	5:40 AM	Sat	jg	0	0	0	52	0	0					
1543	12/11/2016	6:00 AM	Sun	JG	0	0	0	23	0	0					3 drunk guys on topside and loud
1544	12/11/2016	3:00 PM	Sun	JR	3	0	0	1	0	0	CLR	65	62	0r	SW rescued 1 juvenile elephant seal tagged from 7/16 observed losing weight by SW so rescued.
1545	12/11/2016	3:47 PM	Sun	Sanya	0	0	0	0	0	0	CLR	64	61	1.7 ft R	All seala are on west rocks, total 47 One seal with deep indentation otherwise rope is not seen unless inbeded. That seal is otherwise behaving normal - moving with and resting as other seals  4 seals in the pool which may come to the beach.
1546	12/11/2016	9:00 PM	Sun	JR	0	0	0	25	0	0	RAIN	60	62	1r	
1547	12/12/2016	5:52 AM	Mon	JG	0	2	0	7	0	0					2 divers seaward
1548	12/12/2016	1:00 PM	Mon	Rich	0	0	0	3	0	0	SCT	66	60	-0.5	
1549	12/12/2016	2:00 PM	Mon	Rich	0	2	0	1	0	0	SCT	66	60	-1.2	
1550	12/12/2016	3:00 PM	Mon	Rich	0	0	0	1	0	0	SCT	65	60	-0.5	
1551	12/12/2016	4:00 PM	Mon	JR	0	0	0	25	0	0	CLR	63	62	1.7r	
1552	12/12/2016	5:00 PM	Mon	JR	0	0	0	25	0	0	CLR	63	62	2r	
1553	12/13/2016	5:55 AM	Tue	JG	0	0	0	18	0	0					2 cars parked
1554	12/13/2016	10:00 AM	Tue	JR	0	0	0	27	0	0	CLR	59	61	5f	

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(January 1 - December 31, 2016)

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1555	12/13/2016	12:00 PM	Tue	Rich	3	0	0	37	0	0	BKN	62	60	0.0f	
1556	12/14/2016	5:53 AM	Wed	JG	0	0	0	3	0	0					No divers I can see
1557	12/14/2016	11:30 AM	Wed	Rich	3	0	0	31	0	0	SCT	64	60	3.5f	
1558	12/14/2016	12:00 PM	Wed	Rich	1	0	0	30	0	0	SCT	64	60	2.5f	
1559	12/14/2016	1:00 PM	Wed	Rich	0	0	0	0	0	0	SCT	64	60	1.5f	
1560	12/14/2016	2:00 PM	Wed	Rich	0	0	0	0	0	0	BKN	62	60	0.5f	
1561	12/14/2016	6:12 PM	Wed	JR	0	0	0	0	0	0	CLR	61	60	-0.1r	
1562	12/15/2016	6:10 AM	Thu	JG	0	0	0	0	0	0					News team vans at Casa
1563	12/15/2016	9:00 AM	Thu	JG	0	0	0	15	0	0					No chain
1564	12/15/2016	10:45 AM	Thu	Rich	24	0	0	31	0	0	BKN	62	59	5.5f	
1565	12/15/2016	12:00 PM	Thu	Rich	3	0	0	53	0	0	OVC	62	59	4.0f	
1566	12/15/2016	1:00 PM	Thu	Rich	0	0	0	66	0	0	OVC	62	59	3.0f	
1567	12/15/2016	2:00 PM	Thu	Rich	4	0	0	48	0	0	OVC	62	59	2.0f	
1568	12/15/2016	3:00 PM	Thu	Rich	0	0	0	23	0	0	OVC	62	59	1.0f	
1569	12/15/2016	3:12 PM	Thu	JR	0	0	0	20	0	0	OVC	61	61	1f	
1570	12/16/2016	5:40 AM	Fri	JG	0	0	0	12	0	0					
1571	12/17/2016	5:50 AM	Sat	JG	0	0	0	123	18	0					
1572	12/18/2016	6:05 AM	Sun	JG	0	0	0	64	0	0					
1573	12/18/2016	10:30 AM	Sun	Rich	0	0	0	33	0	0	CLR	56	59	4.6r	
1574	12/18/2016	11:00 AM	Sun	Rich	0	0	0	51	0	0	CLR	59	59	4.8r	
1575	12/18/2016	12:00 PM	Sun	Rich	0	0	0	61	0	0	CLR	60	59	5.0f	
1576	12/18/2016	12:40 PM	Sun	ES	0	0	1	48	0	20	CLR				2 flushing s by swimmer
1577	12/18/2016	1:00 PM	Sun	Rich	0	0	0	61	0	0	CLR	60	59	4.5f	
1578	12/18/2016	2:00 PM	Sun	Rich	0	0	0	66	0	0	SCT	61	59	4.0f	
1579	12/18/2016	3:00 PM	Sun	Rich	0	0	0	68	0	0	SCT	60	59	3.0f	
1580	12/19/2016	7:00 AM	Mon	JG	0	0	0	9	0	0					
1581	12/19/2016	11:30 AM	Mon	Rich	0	0	0	4	0	0	CLR	65	59	4.2r	
1582	12/19/2016	12:00 PM	Mon	Rich	0	0	0	0	0	0	CLR	65	59	4.5r	
1583	12/19/2016	1:00 PM	Mon	Rich	0	0	0	0	0	0	CLR	66	59	4.5f	
1584	12/19/2016	2:00 PM	Mon	Rich	0	0	0	0	0	0	CLR	66	59	4.0f	

## 2016 Casa Beach Seal Counts, Raw Data

(January 1 - December 31, 2016)

	Date of Count	Time of Count	Day of Week	Docent Name	# People Landward	# People Seaward	# People in Water	# Seals on Beach + Rocks	# Seals Landward	# Seals Flushed	Weather	Air Temp	Water Temp	State of Tide	Notes
1585	12/19/2016	3:00 PM	Mon	Rich	0	0	0	0	0	0	CLR	65	59	3.5f	
1586	12/20/2016	5:50 AM	Tue	JG	0	0	0	47	0	0					
1587	12/20/2016	11:00 AM	Tue	Rich	0	0	0	81	0	0	SCT	65	59	3.0r	
1588	12/20/2016	12:00 PM	Tue	PK	0	0	0	75	0	0	CLR				
1589	12/20/2016	12:00 PM	Tue	Rich	0	0	0	75	0	0	SCT	65	59	3.5r	
1590	12/20/2016	1:00 PM	Tue	Rich	0	0	0	93	0	0	SCT	65	59	3.7r	
1591	12/20/2016	2:00 PM	Tue	Rich	0	0	0	103	0	0	SCT	64	59	3.9r	
1592	12/20/2016	3:00 PM	Tue	Rich	0	0	0	110	0	0	SCT	63	59	3.5f	
1593	12/21/2016	5:55 AM	Wed	JG	0	0	0	37	1	0					
1594	12/21/2016	10:00 AM	Wed	Rich	0	0	0	74	0	0	OVC	67	59	1.8f	
1595	12/21/2016	10:10 AM	Wed	JG	0	0	0	64	0	0					
1596	12/21/2016	11:00 AM	Wed	Rich	0	0	0	85	0	0	OVC	67	59	2.0r	
1597	12/21/2016	12:00 PM	Wed	Rich	0	0	0	94	0	0	OVC	67	59	2.5r	
1598	12/21/2016	1:00 PM	Wed	Rich	0	0	0	92	0	0	OVC	67	59	3.0r	
1599	12/21/2016	2:00 PM	Wed	Rich	0	0	0	87	0	0	OVC	67	59	3.5r	
1600	12/21/2016	3:00 PM	Wed	Rich	0	0	0	85	0	0	OVC	66	59	3.7r	
1601	12/22/2016	5:55 AM	Thu	JG	0	0	0	7	0	0	RAIN				
1602	12/22/2016	12:00 PM	Thu	Rich	0	0	0	134	0	0	OVC	62	59	1.5r	
1603	12/22/2016	1:00 PM	Thu	Rich	0	0	0	163	0	0	OVC	62	59	2.0r	
1604	12/22/2016	2:00 PM	Thu	Rich	0	0	0	165	0	0	OVC	62	59	2.5r	
1605	12/23/2016	6:05 AM	Fri	JG	0	0	0	33	1	0	RAIN				
1606	12/24/2016	5:55 AM	Sat	JG	0	0	0	12	16	0	RAIN			High	
1607	12/24/2016	9:00 AM	Sat	Rich	0	0	0	72	0	0	OVC	55	59	3.0f	
1608	12/24/2016	1:00 PM	Sat	Rich	0	0	0	170	0	0	OVC	55	59	0.5r	
1609	12/24/2016	5:10 PM	Sat	JG	0	0	0	96	1	0					
1610	12/25/2016	6:00 AM	Sun	JG	0	0	0	32	11	0					
1611	12/25/2016	1:48 PM	Sun	JR	0	0	0	200	0	0	CLR	58	59	0.1r	
1612	12/25/2016	4:30 PM	Sun	JG	0	0	0	183	0	0					
1613	12/25/2016	10:30 PM	Sun	JR	0	0	0	200	11	0	CLR	45	58	2f	
1614	12/26/2016	6:00 AM	Mon	JG	0	0	0	16	0	0					

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1615	12/26/2016	12:00 PM	Mon	Rich	0	0	0	32	0	0	BKN	62	59	0.5f	
1616	12/26/2016	1:00 PM	Mon	Rich	0	0	0	27	0	0	BKN	62	59	0.0f	
1617	12/26/2016	2:00 PM	Mon	Rich	0	0	0	24	0	0	BKN	60	59	-0.3	
1618	12/26/2016	3:00 PM	Mon	Rich	0	0	0	26	0	0	BKN	60	59	0.0r	
1619	12/26/2016	3:05 PM	Mon	JG	0	0	0	23	0	0					Park and area full of tourists
1620	12/26/2016	4:00 PM	Mon	Rich	0	0	0	28	0	0	BKN	59	59	0.5r	
1621	12/27/2016	6:30 AM	Tue	JG	0	0	0	16	0	0					
1622	12/27/2016	9:45 AM	Tue	JR	0	0	0	25	0	0	CLR	65	60	4.5f	
1623	12/27/2016	12:30 PM	Tue	Rich	0	0	0	57	0	0	SCT	64	59	0.5f	
1624	12/27/2016	1:00 PM	Tue	Rich	0	0	0	55	0	0	CLR	64	59	0.0f	
1625	12/27/2016	2:00 PM	Tue	Rich	0	0	0	54	0	0	CLR	63	59	-0.2	
1626	12/27/2016	3:00 PM	Tue	JR	0	0	0	42	0	0	CLR	63	60	0.2r	
1627	12/27/2016	4:10 PM	Tue	JG	0	0	0	53	0	0					
1628	12/28/2016	5:50 AM	Wed	JG	0	0	0	28	0	0					
1629	12/28/2016	7:50 AM	Wed	JG	0	0	0	17	0	0					
1630	12/28/2016	12:00 PM	Wed	JR	0	0	0	100	0	0	CLR	65	60	1f	
1631	12/28/2016	1:00 PM	Wed	Rich	0	0	0	110	0	0	CLR	70	59	1.0f	
1632	12/28/2016	2:00 PM	Wed	JR	0	0	0	10	0	0	CLR	65	60	0.5f	
1633	12/28/2016	2:00 PM	Wed	Rich	0	0	0	119	0	0	CLR	70	59	0.0f	
1634	12/28/2016	3:00 PM	Wed	Rich	0	0	0	121	0	0	CLR	70	59	-0.7	
1635	12/28/2016	4:00 PM	Wed	Rich	0	0	0	125	0	0	CLR	68	59	0.0r	
1636	12/28/2016	7:30 PM	Wed	JR	0	0	0	100	0	0	CLR	62	60	1r	
1637	12/29/2016	6:20 AM	Thu	JG	0	0	0	16	2	0					
1638	12/29/2016	9:45 AM	Thu	JR	0	0	0	40	0	0	CLR	65	60	5f	
1639	12/29/2016	11:20 AM	Thu	Rich	0	0	0	64	0	0	SCT	72	59	3.5f	
1640	12/29/2016	12:00 PM	Thu	Rich	0	0	0	69	0	0	SCT	72	59	2.5f	
1641	12/29/2016	1:00 PM	Thu	Rich	0	0	0	85	0	0	SCT	74	59	1.5f	
1642	12/29/2016	2:00 PM	Thu	Rich	0	0	0	83	0	0	SCT	74	59	0.5f	
1643	12/29/2016	3:00 PM	Thu	Rich	0	0	0	87	0	0	SCT	70	59	-0.5	
1644	12/29/2016	4:30 PM	Thu	JR	0	0	0	91	0	0	CLR	63	60	3r	

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<b>1645</b>	12/30/2016	6:10 AM	Fri	JG	0	0	0	<b>37</b>	3	0					
<b>1646</b>	12/30/2016	2:45 PM	Fri	JR	0	0	0	<b>115</b>	0	0	OVC	59	63	-0.3f	
<b>1647</b>	12/31/2016	12:00 PM	Sat	Rich	0	0	0	<b>154</b>	0	0	OVC	57	59	4.5f	
<b>1648</b>	12/31/2016	1:00 PM	Sat	Rich	0	0	0	<b>173</b>	0	0	OVC	57	59	3.5f	
<b>1649</b>	12/31/2016	2:00 PM	Sat	Rich	0	0	0	<b>176</b>	0	0	RAIN	56	59	2.5f	
<b>1650</b>	12/31/2016	3:00 PM	Sat	Rich	0	0	0	<b>190</b>	0	0	RAIN	56	59	1.5f	
<b>1651</b>	12/31/2016	4:22 PM	Sat	JR	0	0	0	<b>25</b>	0	0	RAIN	56	60	0.3f	