

**2016 Summer Window Survey for Snowy Plovers on U.S. Pacific Coast with 2005-2015
Results for Comparison. Note: blanks indicate no survey was conducted.**

REGION	SITE	OWNER	Total Adults													2016 Adult Breakdown			Date	Primary Observer(s)
			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	male	fem.	sex?			
Grays Harbor	Copalis Spit	State Parks		0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	5/20/2016	C. Sundstrom
	Conner Creek	State Parks		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/19/2016	C. Sundstrom
	Damon Point/Oyhut	S. Parks, D. Nat R. F & W	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/20/2016	C. Sundstrom
County Total			5	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	
Pacific	Midway Beach	Private, State Parks	23	25	22	12	16	18	22	11	24	9	20	37	23	11	3	5/16/2016	C. Sundstrom, W. Michaelis, K. Raby, A. Novak, L. Ritzman	
	Graveyard	Shoalwater Indian Tribe				1	0	0	0	2	1	6	3	19	9	9	1	5/18/2016	C. Sundstrom, W. Michaelis, L. Ritzman, S. Spencer	
	North Willapa Bay Islands													3	1	2	0	5/18/2016	W. Ritchie, K. Raby	
	Leadbetter Point NWR	USFWS, State Parks	9	42	28	29	26	20	12	15	21	26	41	42	21	19	2	5/17/2016	C. Sundstrom, S. Pearson, K. Raby, W. Michaelis	
	South Long Beach	Private		0	0	0	0	0				0	0	0	0	0	0	5/19/2016	W. Ritchie, K. Raby	
County Total			32	67	50	42	42	38	34	28	46	41	64	101	54	41	6	101		
Washington Total			37	67	50	42	42	38	34	28	46	41	64	102	54	42	6			
Clatsop	Fort Stevens State Park (Clatsop Spit)	ACOE, OPRD	0	0				0	0	1	0	0	0							
	Necanicum Spit	OPRD	0	0	0	0		0	0	1	0	0	0	0	0	0	0	5/23/2016	J. Everett, M. Everett	
County Total			0	0	0	0		0	0	2	0	0	0	0	0	0	0	0	0	
Tillamook	Nehalem Spit	OPRD	0		0	0	0	0	0	0	0	0	0	2	1	1	0	5/25/2016	C. Sundstrom, V. Blackstone	
	Bayocean Spit	ACOE	0	0	0	0	0		0	0	0	0	0	0	0	0	0	5/20/2016	D. Elbert, M. Cavanaugh	
	Netarts Spit	OPRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/25/2016	C. Lebo	
	Sand Lake Spit (S)	USFS	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5/20/2016	V. Blackstone	
	Nestucca Spit	OPRD	0	0	0	0		0		0	0	0	0	0	0	0	0	5/16/2016	J. Hurt	
County Total			0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	3		
Lincoln	South Beach State Park	OPRD									0	0								
County Total											0	0	0	0	0	0	0	0	0	
Lane	Baker Beach/Sutton Creek	USFS	0	2	0	0		1	0	0	2	2	6	10	5	5	0	5/19/2016	D. Farrar, A. Kotaich	
	Sutton Cr./Siuslaw River N Jetty	USFS		0			0		0	0	0	0	0	0	0	0	0	5/16/2016	C. Burns	
	Siuslaw River S Jetty to Siltcoos	USFS								4	4	0		0	0	0	0	5/21/2016	C. Mullins, D. Bailey	
	Siltcoos Spits N & S	USFS	11	18	16	11	17	18	18	22	14	16	13	12	6	6	0	5/18/2016	D. Farrar, A. Kotaich	
County Total			11	20	16	11	17	19	18	26	20	18	19	22	11	11	0	22		
Douglas	Siltcoos-Tahkenitch (Dunes Overlook)	USFS	9	2	19	7	6	19	39	42	36	34	33	59	30	29	0	5/18/2016	D. Farrar, A. Kotaich	
	Tahkenitch Spit N & S	USFS	5	1	5	0	3	5	13	27	36	20	35	48	26	22	0	5/16/2016	D. Farrar, A. Kotaich	
	Tahkenitch Creek to Umpqua River N Jetty									2	8	0	1	1	0	0	5/19/2016	D. Farrar, A. Kotaich		
	Umpqua River S Jetty to Tenmile Spit	USFS				0	11		10	12	12	5	14	13	9	4	0	5/20/2016	D. Farrar, A. Kotaich	
County Total			14	3	24	7	20	24	62	81	86	67	82	121	66	55	0	121		
Coos	Tenmile Spits	USFS	13	15	27	24	24	36	13	16	12	42	28	55	28	27	0	5/20/2016	D. Farrar, A. Kotaich	
	Coos Bay N Spit	BLM, ACOE	27	27	26	30	41	38	39	52	56	50	92	85	55	26	4	5/16/2016	D. Lauten, K. Castelein	
	Whiskey Run to Coquille River	OPRD	0	0	0	0			0	0	0	0	0	0	0	0	0	5/18/2016	S. Love, J. McLaughlin	
	Bandon State Park to New River	OPRD, Private, BLM	22	12	15	8	14	40	16	14	29	20	16	37	22	15	0	5/18/2016	D. Lauten, K. Castelein	
County Total			62	54	68	62	79	114	68	82	97	112	136	177	105	68	4	177		
Curry	New River to Floras Lake	BLM, Private, County	13	14	17	25	24	1	20	15	11	31	39	52	24	28	0	5/19/2016	D. Lauten, K. Castelein	
	Blacklock Point to Sixes River (C. Blanco)	BLM, OPRD		0			0	0	0	0	0	0								
	Elk River	Private			0	0	0	0	0	0	0	0	0							
	Euchre Creek to Greggs Creek	OPRD, Private	0	0			0	0	0	0	0	0	0	0	0	0	0	5/16/2016	G. Maschmeyer	
	Myers Creek to Pistol River	OPRD, Private			0		0	0	0	0	0									
County Total			13	14	17	25	24	1	20	15	11	31	39	52	24	28	0	52		
Oregon Total			100	91	125	105	140	158	168	206	214	228	276	375	207	163	5	375		

Total Unit 1			137	158	175	147	182	196	202	234	260	269	340	477	261	205	11	477		
Del Norte	Smith River	Private, CDPR ²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	Not surveyed
	Lake Earl/Tolowa	CDFG ¹	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	C. Ryan
	Crescent Beach	Crescent City	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16 May	L. Roberts
County Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Humboldt	North Gold Bluffs Beach	USNPS, CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16 May	C. Ryan
	South Gold Bluffs Beach	USNPS, CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16 May	T. Kurz
	Freshwater	USNPS ⁵ , CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16 May	H. Brown
	Stone Lagoon	CDPR	0	0	0	0	0	2	2	0	0	0	3	2	1	1	-	19 May	C. Ryan	
	Dry Lagoon	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19 May	C. Ryan
	Big Lagoon	CDPR	3	0	0	0	0	0	5	2	0	1	0	2	-	1	1	19 May	C. Ryan	
	Moonstone Beach	County			0	0			0	0	0	0	0							Not Surveyed
	Little River, Clam Beach North	County, CDPR, Private	10	15	7	0	4	2	6	5	8	8	5	20	7	10	3		16 May	D. Orluck, N. Papian
	Clam Beach South	County	12	5	2	12	5	4	3	7	6	3	5	0	0	0	0		16 May	D. Orluck
	Lanphere to Mad River	County, Private	0	0	5	2	0	2	2	0	1	0	0	0	0	0	0		17 May	G. Schmidt
	Gun Club to Lanphere	BLM/USFWS ⁴	0	0	0	0	0	0	0	0	0	0	0	2	1	1	-	17 May	G. Schmidt	
	Power Pole to Gun Club	USBLM, Private		0	0	0	2	0	0	0	0	0	0	0	0	0	0		17 May	J. Irwin
	North Spit Humboldt Bay	BLM		0	0	0	0		0	0	0	0	0	0	0	0	0		17 May	J. Irwin
	Elk River Spit	City of Eureka		0	0	0	0		0	0	0	0	0	0	0	0	0		16 May	B. Mclver
	Eel River Gravel Bars	County, CA State	5	10	9	4	3	3	3	0	0	0	0	0	0	0	0		18 May	D. Orluck
	South Spit Humboldt Bay	BLM	2	4	0	0	0	0	0	1	0	0	0	6	4	2	-	19 May	E. Feucht	
	Eel River Wildlife Area, North	CDFG	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0		20 May	D. Orluck
	Eel River Wildlife Area, South	CDFG	0	5	0	0	1	4	2	0	6	1	9	5	3	2	-	20 May	D. Orluck	
	Centerville Beach	County, Private	0	3	0	0	0	0	4	5	0	4	10	7	3	4	-	20 May	N. Papian, E. Feucht	
	McNutt Gulch	Private										0	0	0	0	0	0		17 May	N. Papian
	Mattole River	BLM ³		0	0		0		0			0	0	0	0	0	0		17 May	Q. Parker
County Total			32	42	23	18	15	17	27	20	21	27	32	44	19	21	4	44		
Mendocino	Usal Beach	CDPR		0	0			0						-	-	-	-			Not surveyed
	MacKerricher SB, 10 Mile	CDPR	7	0	1	0	0	2	1	1	2	0	6	2	0	2	-		17 May	A. Cebula
	Virgin Creek	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		15 May	B. Bowen
	Manchester SB, Alder & Brush Crs.	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		15 May	A. Cebula
	Manchester SB, Brush C. to Garcia R.	CDPR	2	3	2	0	0	0	0	0		0	0	0	0	0	0		15 May	A. Cebula
County Total			9	3	3	0	0	2	1	1	2	0	6	2	0	2	0			
Total Unit 2			41	45	26	18	15	19	28	21	23	27	38	46	19	23	4	46		
San Francisco Bay																				
Alameda	Baumberg/Eden Landing	CDFG	91	84	162	94	88	184	185	82	97	94	76	120	58	50	12	5/16-5/18	SFBBO staff	
	Coyote Hills	USFWS NWR	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	5/19	SFBBO staff	
	Dumbarton	USFWS NWR	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5/19	SFBBO staff	
	Hayward	City of Hayward	0	0	0	1	4	12	8	9	32	7	2	4	2	2		?	Ann Graham, David Riensche	
	Warm Springs	USFWS NWR	23	7	0	3	14	27	17	3	1	11	24	14	10	4	0	5/16	Cheryl Strong, Rachel Tertes	
Napa	Napa	CDFG	0			0	12	10	1	0	3	10	10	0				5/26	Jules Evens	
San Mateo	Ravenswood/West Bay	USFWS NWR	3	3	23	24	21	42	27	33	59	45	68	0				5/17	Karen Taylor, Lauren Poland	
Santa Clara	Alviso	USFWS NWR	7	8	20	11	8	0	11	20	10	0	1	42	23	15	4	5/18,5/20	SFBBO staff	
	Mountain View											11	0	21	7	7	7	5/18	SFBBO staff	
N Bay Delta	Montezuma Wetlands												14	0	0	0	0	5/20	SFBBO staff	
													6	0	0	6	6	5/20	Ann Wallace	
Total Unit 3			124	102	207	133	147	275	249	147	202	178	195	202	100	79	23	202		
Sonoma	Salmon Creek SB	CDPR	5	0	0	1	8	0	0	0	0	0	1	0	0	0	0			B. Gummer
	Doran County Park	County	0	0	0	0	0	0	0	0	0		0	0	0	0	0		23 May	D. Freid
County Total			5	0	0	1	8	0	0	0	0	0	1	0	0	0	0			
Marin	Dillon Beach	Private	0	0	0	0	0	0	0	0	1		0	0	0	0	0		28 May	G. Page

	Kehoe Beach	USNPS	7	7	9	12	9	8	3	3	4	2	6	10	5	5	0	17 May	T. King
	North Beach	USNPS	15	9	11	13	12	11	8	9	10	32	31	31	17	12	2	16 May	T. King, M. Lau
	South Beach	USNPS	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	20 May	M. Lau
	Lighthouse Beach	USNPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20 May	M. Lau
	Drakes Beach	USNPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20 May	M. Lau
	Limantour Spit	USNPS	0	0	0	0	0	2	1	0	0	3	1	2	1	1	0	18 May	T. King
	Bolinas Lagoon	County	0	0	0	0	0	0			1	0	1	2	1	1	0	24 May	L. Stenzel
County Total			22	16	20	25	21	23	13	12	16	37	41	45	24	19	2	45	
San Francisco	Ocean Beach	County	1	0	0	0	0	0	0	0	0			0	0	0	0	18 May	GGNRA
	Crissy Field	GGNRA				0	0	0	0	0	0			0	0	0	0	18 May	GGNRA
County Total			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
San Mateo	Pacifica SB	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	E. Geer, M. Goodale, N. Blincoe, T. Wood
	Pillar Point	County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	C. Taniguchi, P. Wood
	Half Moon Bay SB (Francis Beach)	CDPR	2	1	2	1	0	0	5	1	0	0	1	8	2	0	6	17 May	A. Boutell, C. Masterson, S. Mencher
	Tunitas Creek	Private	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	E. Yayoshi, G. Addleman
	San Gregorio	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	L. Lee, C. Fahy, R. Willimann
	Pomponio	CDPR	0	0	0	0	0	0		0	0	0	0	0	0	0	0	17 May	L. Lee, C. Fahy, R. Willimann
	Pescadero SB	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	S. Black, L. Lindsay
	Pigeon Point	CDPR?	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17 May	L. Flint, J. Carson
	Gazos Creek	CDPR	0	2	1	0	0	0	0	3	0	0	0	0	0	0	0	17 May	L. Flint, J. Carson
	Ano Nuevo	CDPR	0	0	0	0	0		0	0	0	0	0	0	0	0	0	17 May	J. Kerbavaz, G. Stevens
County Total			2	7	3	1	0	0	5	4	0	0	1	8	2	0	6		
Santa Cruz	Waddell SB	CDPR, Private	0	0	0	0	0	0	0	0	0	0	0	0					
	Scott Creek Beach	County	3	4	4	2	0	0	0	0	0	0	0	0					
	Laguna Creek	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17-May	J. Villarino
	Wilder SB	CDPR	0	0	0	0	0	0		0	0	0	2	1	1	0		17-May	J. Villarino
	Seabright SB	CDPR	0	0					0			0	0	0	0	0	0	17-May	P. Halbert
	Private Beaches	Private		13	1	0	2	4	0	0	2	3	0	4	4	0	0	18-May	C. Eyster
	Sunset SB	CDPR	17	9	18	7	8	5	3	11	12	4	26	24	12	11	1	18-May	C. Eyster
	Palm Beach	CDPR		5	0	4	3	0	1	16	0	4	10	1	1	0	0	18-May	C. Eyster
	Pajaro Spit	CDPR	48	55	52	23	17	25	24	32	52	52	30	38	21	16	1	17-May	G. Page, L. Stenzel
County Total			68	86	75	36	30	34	28	59	66	63	66	69	39	28	2	69	
Monterey	Zmudowski SB	CDPR	12	8	0	17	24	34	12	21	11	18	9	10	5	4	1	17 May	C. Eyster
	Moss Landing SB	CDPR	28	20	11	20	27	19	16	31	16	27	23	17	8	8	1	17 May	W. Stein
	Moss Landing Salt Ponds	CDFG	30	41	21	32	31	41	84	44	16	13	17	34	17	12	5	17 May	C. Eyster
	Salinas SB	CDPR	57	56	37	36	30	31	42	35	34	32	39	39	20	15	4	16 May	K. Neuman, E. Haile
	Salinas River North Spit	CDPR	19	25	22	15	17	8	14	19	16	23	16	19	8	3	8	17 May	K. Neuman
	Salinas River NWR	USFWS	44	36	29	23	39	50	38	43	41	69	48	59	30	21	8	18 May	K. Neuman, C. Caris
	Martin/Lone Star Areas	Big Sur Land Trust, Priv	30	20	31	26	21	25	33	34	23	53	43	21	8	3	10	20 May	D. Dixon
	Marina SB (Reservation Rd & Fort Ord)	CDPR	12	26	15	17	24	19	20	18	20	39	34	26	13	12	1	19 May	A. Palkovic, E. Haile
	Sand City	Private	0	1	0	1	1	2	0	1	2	0	5	9	1	5	3	19 May	D. Dixon
	Monterey SB	CDPR	0	2	0	2	0	2	0	0	0	0	5	10	5	3	2	19 May	D. Dixon
	Carmel River SB	CDPR		0	0	0	0	0		0	0	0	0	0	0	0	0	18 May	D. Dixon
	Asilomar	CDPR		0	0	0	0	0		0	0	0	0	0	0	0	0	20 May	D. Dixon
	Point Sur Beach	CDPR	7	13	6	5	6	10	6	3	0		0	0	0	0	0	18 May	D. Dixon
	Little Sur Beach	Private					0							0	0	0	0	18 May	D. Dixon
County Total			239	248	172	194	220	241	265	249	179	274	239	244	115	86	43	244	
Total Unit 4			337	357	270	257	279	298	311	324	261	374	348	366	180	133	53	366	
San Luis Obispo	San Carpoforo Creek	USFS ⁶ , CDPR	1	3	0	0	0	0	0	2	4	0	1	3	0	0	3	18-May	M Walgren
	Sydneys Lagoon	CDPR	3	2	1	0	4	1	0	0	1	0	0	0	0	0	0	18-May	M Walgren
	Arroyo Laguna Creek	CDPR	2	3	1	1	0	0	0	0	3	7	0	7	0	0	7	18-May	M Walgren
	San Simeon State Beach	CDPR	6	7	2	0	0	1	0	0	1	0	0	6	0	0	6	18-May	M Walgren
	Santa Rosa Creek	CDPR	0	0		0	0	0	0	0	0	3	0	0	0	0	0	18-May	M Walgren
	Estero Bluffs State Beach	CDPR	33	23	17	12	16	14	17	13	11	16	16	8	4	4	0	17-May	J Isaacs, N Petch-Baker

	Toro Creek	Private	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	17-May	J Isaacs, N Petch-Baker
	Morro Strand SB	CDPR	21	24	17	17	18	16	9	2	7	12	5	7	5	2	0	0	17-May	J Isaacs, N Petch-Baker
	Morro Rock City Beach	City of Morro Bay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17-May	J Isaacs, N Petch-Baker
	Morro Bay Sandspit: State sector	CDPR	181	96	84	59	97	89	114	113	101	105	151	154	66	81	7	17-May	W Eggers, M Harrington, R Orr, J Sayers	
	Morro Bay Sandspit: City of Morro B. sector	Private & City of Morro	24	24	0	11	9	18	14	17	14	4	5	15	7	8	0	17-May	W Eggers, M Harrington, R Orr, J Sayers	
	Pismo State Beach	CDPR	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	17-May	D Elting	
	Oceano Dunes SVRA	CDPR	92	58	46	89	83	57	100	123	79	149	154	127	54	65	8	17-May	D Elting, C Lish, J Iwanicha	
	ODSVRA Oso Flaco Natural Area	CDPR		29	14	13	15	15	12	22	15	31	26	33	18	14	1	17-May	J Iwanicha	
	Guadalupe-Nipomo Dunes NWR	USFWS	25	32	7	25	14	11	27	14	9	24	16	15	5	8	2	20-May	T Applegate	
	Chevron (Unocal) Property	Private	25	29	17	35	14	16	19	11	34	22	29	17	7	10	0	18-May	J Moore, S Seay	
County Total			413	330	206	262	270	240	312	317	279	373	403	393	166	193	34	393		
Santa Barbara	Rancho Guadalupe Dunes Co. Park	County	43	38	46	35	30	24	31	21	12	27	38	26	13	12	1	20-May	T Applegate	
	Mussel Rock beach	Private	6	13	10	17	11	14	1	6	4	6	24	10	5	3	2	20-May	T Applegate	
	Paradise beach	Private	9	12	12	0			4	0	0	0	2	0	0	0	0	15-May	R Walker	
	Point Sal SB	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17-May	L Hargett, J Miller, E Rice	
	Vandenberg AFB North beaches	US Air Force	103	110	65	100	81	79	116	60	92	69	83	67	37	27	3	17-May	L Hargett, J Miller, E Rice	
	Vandenberg AFB Purisima Point	US Air Force	0	3	2	0	3	2	0	0	0	0	14	10	3	4	3	17-May	L Hargett, J Miller, E Rice	
	Vandenberg AFB South beaches	US Air Force	156	132	87	107	78	86	113	109	112	126	212	115	69	46	0	18-May	L Hargett, J Miller, E Rice	
	Jalama Beach County Park	County	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	18-May	L Hargett, J Miller, E Rice	
	Gaviota State Beach	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19-May	A Frangis, B Sheridan, K Umetsu	
	Refugio State Beach	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19-May	A Frangis, B Sheridan, K Umetsu	
	El Capitan State Beach	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19-May	A Frangis, B Sheridan, K Umetsu	
	Haskell's beach	Private	0			0	0	0	0	0	0	0	0	0	0	0	0	16-May	J Nielsen	
	Ellwood Beach	City of Goleta	3	0	8	2	0	4	0	3	0	0	2	2	0	0	2	16-May	J Nielsen	
	Coal Oil Pt. Reserve	Univ. of Calif.	26	39	39	25	29	26	48	37	30	33	34	31	0	0	31	16-May	J Nielsen	
	Isla Vista beach	Univ. of Calif.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16-May	J Nielsen	
	Campus Beach	Univ. of Calif.	0		0	0	0	0	0	3	0	0	0	0	0	0	0	16-May	J Nielsen	
	Goleta Beach	County	0		0	0	0	0	0	1	0	0	0	0	0	0	0	16-May	J Nielsen	
	West Beach	City of S. Barbara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17-May	K Fahy	
	Santa Barbara Harbor Beach	City of S. Barbara	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17-May	K Fahy	
	East Beach	City of S. Barbara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17-May	K Fahy	
	Santa Claus Lane- Carpinteria spit beaches	Private	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	17-May	J Gold	
	Carpinteria City Beach	City of Carpinteria	0	0	0	0	0	0	0	0	0	0	0	NS	0	0	0	NS		
	Carpinteria State Beach	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19-May	A Frangis, B Sheridan	
	Santa Cruz Island	Nature Conservancy		0	0	0	0	0	0	0		0	0	1	0	0	1	17-May	L Laughrin	
	Santa Rosa Island ¹	USNPS	37	19	17	5	9	8	7	8	9	13	10	9	0	0	9	5/17-19/16	D Richards	
	San Miguel Island	USNPS		0	0	0			0	0	0									
County Total			384	366	286	291	241	243	320	249	260	274	419	271	127	92	52	271		
Ventura	San Buenaventura State Beach	CDPR	0	0	3	0	0	0	0	5	5	3	1	0	0	0	0	17-May	B Sheridan, K Umetsu	
	McGrath State Beach	CDPR	3	17	15	7	5	22	21	34	22	12	10	12	6	6	0	17-May	A Frangis, B Sheridan, K Umetsu	
	Mandalay State Beach	CDPR	3	7	2	5	16	4	0	6	5	9	8	1	0	1	0	17-May	A Frangis, B Sheridan, K Umetsu	
	Hollywood County Beach	County of Ventura	0	0	14	15	10	13	8	7	7	23	13	5	1	4	0	17-May	D Barringer, D Glenn	
	Ormond Beach	City of Oxnard, CCC, P	21	22	27	33	28	27	38	47	37	8	11	15	11	4	0	16-May	C Hartley	
	Point Mugu NAS	US Navy	83	79	55	60	68	87	55	62	71	69	98	91	47	33	11	17-May	Butler, Hadley, More, Ruane	
	San Nicolas Island	US Navy	62	96	68	44	69	50	42	44	68	51		32	15	11	6	18-May	Burke, Henry, Hoyer, McMorran, Ruane, Smith	
County Total			172	221	184	164	196	203	164	205	215	175	141	156	80	59	17	156		
Total Unit 5			969	917	676	717	707	686	796	771	754	822	963	820	373	344	103	820		
Los Angeles	Leo Carrillo Beach	CDPR*			0	0	0	0	0	0	0	0	0	0	0	0	0	5/17/16	Amber Lessing	
	Nicolas Canyon	CDPR*			0	0	0	0	0	0	0	0	0	0	0	0	0	5/19/16	Amber Lessing	
	R.H.Meyer State Beach (entire)	CDPR*			0	0	0	0	0	0	0	0	0	0	0	0	0	5/19/16	Amber Lessing	
	Zuma SB	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/21/16	L. Jones, S.Hassett, D. Perez	
	Paradise Cove	CDPR				0	0	0	0	0	0	0	0	0	0	0	0	5/21/16	Sandy Summer	
	Dan Blocker State Beach	CDPR*				0	0	0			0	0	0	0	0	0	0	5/15/16	Jane Beseda	
	Malibu Lagoon	CDPR	0		0	0	0	0			1	0	0	2	1	1	0	11 May	five observers	
	Carbon to Big Rock Beach	CDPR	0		0	0	0	0			0	0	0	0	0	0	0	5/17/16	R.C. Brody	
	Las Tunas State Beach	CDPR*	0			0	0	0	0	0	0	0	0	0	0	0	0	5/17/16	R.C. Brody	

	Topanga State Beach	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/17/16	R.C. Brody
	N.Will Rogers State Beach	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/20/16	Chris Lord, Hank Borenstein
	S.Will Rogers State Beach	CDPR*			0	0	0	0	0	0	0	0	0	0	0	0	0	5/19/16	Tara Trieber
	N.Santa Monica State Beach	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/17/16	Lu Plauzoles, Grace Murayama
	S.Santa Monica Beach	CDPR*			0	0	0	0	0	0	0	0	0	0	0	0	0	5/20/16	Mary Cruz
	N. Venice Beach	CDPR*			0	0	0	0	0	0	0	0	0	0	0	0	0	5/21/16	Allison Brandin
	S.Venice Beach	CDPR*			0	0	0	0	1	0	0	0	0	0	0	0	0	21 May	13 observers
	Marina del Rey	CDPR*			0	0	1	0		2	0	2	0	0	0	0	0	21 May	13 observers
	Playa del Rey	CDPR*	0		0	2	0	0		0	0	0	0	0	0	0	0	5/20/16	Walter Lamb
	N. Dockweiler State Beach	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/17/16	John Rowden
	S. Dockweiler State Beach	CDPR*	0		0	0	0	1	0	0	0	0	0	2	0	0	2	5/15/16	Shirley Imsand
	El Segundo Beach	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/18/16	Jamie Lowry
	Manhattan Beach	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/18/16	Jamie Lowry
	Hermosa State Beach	CDPR*	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/18/16	Jamie Lowry
	Redondo/Torrance Beach	LA County?			0	0		0	0	0	0	0	0	0	0	0	0	5/20/16	Ron Melin
	Cabrillo State Beach	CDPR*			0	0	0	0	0	0	0	0	0	0	0	0	0	5/23/15	Jess Morton
	Long Beach State Beach	CDPR*			0	0	0			0	0	0	0	1	0	0	1	5/22/16	Emily Cobar
	San Clemente Island	US Navy			0			2	0	1	0	0	0	0	0	0	0	5/20/16	J. Stahl
	* managed by LA County																		
County Total			0	0	0	2	1	1	3	0	4	0	2	5	1	1	3		
Orange	Seal Beach	City of Seal Beach			0					0		0	0	0	0	0	0	21 May	Cris Whetstone
	Seal Beach NWS	US Navy			0	0	2	2	0	0	0	0	0	0	0	0	0	20 May	Robert Schallman
	Surfside	City of Seal Beach	0		0	0	0			0		0	0	0	0	0	0	15 May	Vivian Valenzuela, Pat Albers
	Sunset	County	0		0		2			0		2	0	0	0	0	0	20 May	Janet Yeutter, Don Yeutter
	Bolsa Chica SB	CDPR	0		0	0	1		0	2	3	1	1	0	0	1	1	16, 17 May	B. & A. Levitan, J. Stacy, N. Kappelmann
	Bolsa Chica ER/wetlands	State Lands Commissio	66	62	36	50	47	54	48	57	53	62	64	86	60	25	1	20 May	Ross Griswold, Peter Knapp
	Huntington City Beach	City of Huntington B.								0		0	0	0	0	0	0	15, 16 May	J. Khalili, J. Hall, C. Stoughton, L. Dorough,
	Huntington SB	CDPR	0		0	0	0	0		0	0	1	0	0	0	0	0	22 May	Doug Lithgow, Bruce Aird, Chuck George
	Newport Beach	City of Newport B.								0		0	0	0	0	0	0	15, 16 May	Maile Tanaka, Joseph Vu, Karine Parry
	Upper Newport Bay	CDFG	0											0	0	0			
	Balboa Beach	City of Newport B.	0		0	1	3	1	0	0		0	1	0	0	1		20, 21 May	Denise Gellene, Peter Fuhrer, Holly Fuhrer
	Corona Del Mar	CDPR								0		0	0	0	0	0	0	19 May	Pat Knight
	Crystal Cove State Park	CDPR			0					0		0	0	0	0	0	0	16 May	Lana Nguyen, Winter Bonnin
	Laguna Beach	City of Laguna Beach								0		0	0	0	0	0	0	19, 21 May	Melissa Schlothan
	Salt Creek	County			0	0				0		0	0	0	0	0	0	18 May	Bettina Eastman
	Doheny SB	CDPR			0	0				0	0		0	0	0	0	0	19 May	Shirley Reynolds
	Capistrano	County			0							0	0	0	0	0	0	NS	
	San Clemente City	City of San Clemente			0					0		0	0	0	0	0	0	17 May	Lori Caldwell, Sean Vogt
	San Clemente SB	CDPR			0					3	0		0	0	0	0	0	16 May	Bettina Eastman
County Total			66	62	36	50	48	62	51	60	55	66	67	88	60	25	3	88	
San Diego	San Onofre/Trestles	CDPR	0			0	0		0	0		0	0	0	0	0	0	5/17/16	B. Eastman
	Camp Pendleton	US Marine Corps	94	127	94	117	120	169	162	170	118	97	102	98	58	40	0	5/21/16	T. Wooten, M. Stupaczuk
	Oceanside	City of Oceanside				0			0	4		0	0	0	0	0	0	5/16/16	S. Brad
	Buena Vista Lagoon	CDFG				0				0	0	0	0	0	0	0	0	5/17/16	N. Frost
	Agua Hedionda	Private	0			0				0	0	0	0	0	0	0	0	5/17/16	C. Beck; N. Frost
	Carlsbad SB	CDPR		0	0					0	0	0							
	S. Carlsbad S.B.	CDPR	1	0	0	1	1	1	0	3	0	0	0	0	0	0	0	5/17/16	M. Bache
	Batiquitos Lagoon	CDFG	12	14	8	5	3	3	6	2	4	7	3	1	1	0	0	5/19/16	C. Beck
	San Elijo Lagoon	County/CDFG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/17/16	M. Bache
	Cardiff SB	CDPR	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	5/16/16	L. Squires
	San Dieguito Lagoon	State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/15/16	E. Copper; B. Foster; M. Tu
	Del Mar City Beach	City of Del Mar							0				0	0	0	0	0	5/18/16	M. Tu
	Los Penasquitos Lagoon	CDPR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/20/16	L. Squires
	Torrey Pines SB- Blacks	CDPR				0	0	0	0	0	0	0	3	0	0	0	0	5/20/16	L. Squires
	La Jolla	City of S. Diego											0						
	S. Mission Beach	City of S. Diego	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5/19/16	E. Copper; J. Lesley
	San Diego River Channel (incl. Dog Beach)	City of S. Diego	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/20/16	J. Lesley

	Ocean Beach	City of S. Diego	0											0	0	0	0	5/20/16	S. Vissman
	Mariner's Point	City of S. Diego	0			0	0	0	0	0	0	0	0	0	0	0	0		G. Johnson; J. Lesley
	Fiesta Island	City of S. Diego	0			0	0	0	0		0	0	0	0	0	0	0	5/20/16	S. Vissman, J. Jackson
	Sweetwater NWR	USFWS/Port of SD	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	5/17/16	R. Patton, L. Squires, T. Myers
	Chula Vista Wildlife Reserve	SDCo. Airport Authority	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5/17/16	R. Patton, L. Squires, T. Myers
	SD NWR/Salt Works	USFWS	0	4	6	6	3	7	16	19	29	33	61	95	53	39	3	5/18/16	R. Patton, L. Squires
	NAS North Island	US Navy	4	22	4	15	17	23	29	24	25	32	37	14	7	7	0	5/21/16	K. Murbock, J. Hoopes, M. Flaherty
	Coronado Beach	City of Coronado																	
	Naval Amphibious Base-Ocean	US Navy	21	36	11	33	28	10	15	25	28	37	35	24	11	9	4	5/20/16	M. Post, K. Nafziger
	NAB Bay-Delta Beach	US Navy	0	2	2	0	0	0	0	0	1	2	0	8	5	3	0	5/20/16	J. Hoopes
	Silver Strand SB-Ocean	CDPR	5	9	7	15	10	8	11	13	13	24	17	12	5	6	1	5/16/16	L. Squires
	Silver Strand SB-Bay	CDPR	0	0		0	0	0	0		0	0	0	0	0	0	0	5/16/16	L. Squires
	Naval Radio Receiving Facility	US Navy	0	8	3	8	8	8	9	12	12	20	11	5	4	1	0	5/20/16	C. Santa Maria, A. Davidge
	South Bay Biological Reserve	County of San Diego	0																
	Imperial Beach	City of Imperial Beach	0																
	Tijuana Estuary/Tijuana Slough NWR	USFWS	3	12	10	8	5	12	11	10	12	9	16	10	5	5	0	5/19/16	R. Patton, L. Squires
	Border Field SP	CDPR	3	2	2	9	11	7	18	16	25	19	19	13	7	6	0	5/19/16	R. Patton, L. Squires
County Total			143	236	147	217	208	248	277	298	267	280	307	280	156	116	8	280	
Total Unit 6			209	298	183	269	257	311	331	358	326	346	376	373	217	142	14	373	
California Total			1680	1719	1362	1394	1405	1589	1715	1621	1566	1747	1920	1807	889	721	197	1807	
Pacific Coast Total			1817	1877	1537	1541	1587	1785	1917	1855	1826	2016	2260	2284	1150	926	208	2284	

CDFG = California Department of Fish and Game

CDPR = California Department of Parks and Recreation

BLM = US Bureau of Land Management

USFWS = US Fish and Wildlife Service

USNPS = US National Park Service

USFS = US Forest Service

USACE = US Army Corps Engineers

OPRD = OR Parks and Recreation Dept

GGNRA = Golden Gate Nat. Recreation Area

CCC = California Coastal Conservancy

***Note correction for Santa Rosa Island to 9.from 6 birds in 2013**