

2019 Winter Window Survey for Snowy Plovers on U.S. Pacific Coast with 2012-2019 Results for Comparison. Note: blanks indicate no survey was conducted.

REGION	SITE	OWNER	2012	2013	2014	2015	2016	2017	2018	2019	2019 Date	Primary Observer(s)
Grav's Harbor	Copalis Spit	State Parks	0	0	0	0		0	0	0	24-Jan	C. Sundstrom
	Conner Creek	State Parks	0	1	0	0	0	0	0	0	24-Jan	C. Sundstrom
	Damon Point	WDNR	0	0	0	0		0	0	0	24-Jan	C. Sundstrom, W. Michaels
	Oyhut Spit	WDNR		0	0	0	0	0	0	0	28-Jan	C. Sundstrom
	Ocean Shores to Ocean City							4	10	0	24-Jan	C. Sundstrom
County Total			0	1	0	0	0	4	10	0		
Pacific	Midway Beach	Private, State Parks	22	24	22	22	31	22	28	58	29-Jan	C. Sundstrom
	Graveyard Spit	Shoalwater Indian Tribe		0	0	0	0	0	0	0	25-Jan	C. Sundstrom
	Leadbetter Point NWR	USFWS, State Parks	12	4	45		28	34	3	15	29-Jan	W. Ritchie
	South Long Beach	Private			0		10	6	0	7	28-Jan	W. Ritchie
	Benson Beach	State Parks			0		0	0	0	0	30-Jan	W. Ritchie
County Total	County Total		34	28	67	22	69	62	31	80		
Washington Total			34	29	67	22	69	66	41	80		
Clatsop	S Jetty Columbia River (Ft. Stevens SP)	ACOE, OPRD	0	0	0	0	0		10	19	25-Jan	D. Osis
	DeLaura Beach	OPRD										
	Camp Rilea	DOD		0	0	0	0	0	0	0	28-Jan	J. Mach
	Sunset Beach	OPRD								0	29-Jan	V. Loverti
	Del Rio Beach	OPRD								0	29-Jan	V. Loverti
	Necanicum Spit	OPRD	0	0	0	0	0		0	0	1-Feb	J. Everett
	Gearhart Beach	OPRD								0	1-Feb	J. Everett
	Columbia R-Necanicum R.	OPRD										
County Total			0	0	0	0	0	0	10	19		
Tillamook	Nehalem Spit	OPRD		0	0	0	10		0	17	30-Jan	D. Leal
	Bayocean Spit	ACOE	0	0	0	0	3	0	0	0	29-Jan	E. Gaines
	Netarts Spit	OPRD		0	0	0				0	30-Jan	C. Lebo
	Sand Lake Spit (S)	USFS	0	0	0	0			15	14	27-Jan	C. Lebo
	Nestucca Spit	OPRD	0	0	0	0			0	0	27-Jan	C. Lebo
	Winema Beach	Private					1					
	Neskowin Beach	Private										
County Total			0	0	0	0	14	0	15	31		
Lincoln	South Beach, Newport	OPRD			0	4	7		17			
	Salishan Spit (Siletz River)	OPRD, private							2	0	25-Jan	C. Bruce
	Seal Rock - N Spit Alsea Bay	OPRD, private										
	S. Spit Alsea Bay - Big Creek									0	25-Jan	R. Lowe
	Salmon River Spit	OPRD								0	25-Jan	C. Bruce
	Bayshore Spit	OPRD						4	0	36	22-Jan	J. Kirchner
County Total			0	0	0	4	7	4	19	36		
Lane	Baker Beach to Sutton Creek	USFS	6	18	12	13			40	27	31-Jan	D. Lauten, K. Castelein
	Sutton Creek to Siuslaw River N Jetty	USFS	0	0	0	0			0	0	31-Jan	D. Lauten, K. Castelein
	Siuslaw River S Jetty to Siltcoos Breach	USFS	50	16	0					0	28-Jan	C. Burns
	Siltcoos River Spits N & S	USFS	1	15	47	6			30	8	30-Jan	D. Lauten, K. Castelein
	Siltcoos Parking Lot to S. Jetty Lot #1											
County Total	County Total		57	49	59	19	0	0	70	35		
Douglas	Siltcoos-Tahkenitch (Dunes Overlook)	USFS	34	11	30	7	3	0	9	4	30-Jan	D. Lauten, K. Castelein
	Tahkenitch Creek N	USFS		27	0	19	47	65	50	38	30-Jan	D. Lauten, K. Castelein

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	Tahkenitch Spits	USFS	0						54			
	Tahkenitch Spits - Threemile Cr	USFS, DSL										
	Tahkenitch Creek to Umpqua River N Jetty	USFS			0	0			1	5	30-Jan	C. Burns
	Umpqua River S Jetty to Tenmile Spit	USFS		21	0					0	29-Jan	D. Lauten, K. Castelein
	Threemile Spit - Umpqua River											
County Total			34	59	30	26	50	65	114	47		
Coos	Tenmile Spits	USFS	39	43	55	70	70	64	54	48	29-Jan	D. Lauten, K. Castelein
	Tenmile Spit - Horsfall Beach	USFS								0	30-Jan	C. Burns
	Horsfall Beach - N Jetty Coos Bay	USFS, County, DSL										
	Coos Bay N Spit	BLM, ACOE	25	23	37	28	85	91	66	47	29-Jan	D. Lauten, K. Castelein
	Whiskey Run to Coquille River	OPRD	0	2	0	0	0	0	4	0	31-Jan	D. Rocco
	Bandon SP (China Creek) to New River	OPRD, Private, BLM	25	4	50	0	14	17		73	28-Jan	D. Lauten, K. Castelein
County Total			89	72	142	98	169	172	124	168		
Curry	New River to Floras Lake	BLM, Private, County	19	40	1	60	53	6	12	0	28-Jan	D. Lauten, K. Castelein
	Pistol R. Spit	OPRD										
	Sixes River Mouth to Cape Blanco	BLM, OPRD										
	Blacklock Point to Sixes River	BLM, OPRD	0	0	0				0	0	1-Feb	J. Metzler
	Elk River Spit	Private	0	0	0	0	0	5	0	0	31-Jan	M. Vander Heyden
	Euchre Creek to Greggs Creek	OPRD, Private	0	0	0	0		0	0			
	Otter Point to Rogue River	Various			0	0						
	Myers Creek to Pistol River	OPRD, Private	0	0	0	0						
	New River (Beach and HRA)							14				
	Blacklock Point to Cape Blanco											
	Crissy Field to Pelican State Beach							0	0	0	27-Jan	G. Maschmeyer
	Euchre Creek to Ophir Wayside							0				
	Floras Lake to Clay Island							0				
	New River Spit							29				
	Cape Blanco Access to Elk River									0	30-Jan	M. Vander Heyden
County Total			19	40	1	60	53	54	12	0		
Oregon Total			199	220	232	207	293	295	364	336		
Total Unit 1			233	249	299	229	362	361	405	416		
Del Norte	Smith River	Private, CDPR	0	0		0						
	Lake Earl/Talawa	CDFG, CDPR	0	0	0	0	2	0	11	16	28-Jan	Tony Kurz, Chris Collier
	Crescent Beach	Crescent City	0	0	0		0	0	0	0	28-Jan	Susie Tharratt, Katie Siedel
County Total			0	0	0	0	2	0	11	16		
Humboldt	South Gold Bluffs Beach	USNPS, CDPR	0	4	0	0	0	0	0	6	15-Jan	Tony Kurz
	North Gold Bluffs Beach	USNPS, CDPR	4	0	4	10	10	10	0	0	15-Jan	Tony Kurz
	Freshwater Lagoon	USNPS ³ , CDPR	-		0	0	0	0	0	0	29-Jan	Kyle Max
	Stone Lagoon	CDPR	0	0	0	0	0	0	0	0	18-Jan	Tony Kurz
	Dry Lagoon	CDPR	0	0	0	0	0	2	0	0	18-Jan	Tony Kurz
	Big Lagoon	CDPR	3	7	5	6	14	17	11	17	18-Jan	Tony Kurz
	Moonstone Beach	County		0	0	0	0	0	0	0	28-Jan	Greg Schmidt
	Little River, Clam Beach North	County, CDPR, Private	33	53	53	83	106	105	66	30	28-Jan	David Orluck, Katelyn Raby
	Clam Beach South	County	0	0	0	0	0	0	0	0	28-Jan	Katelyn Raby
	Lanphere to Mad River	County, Private	0	0	0	0	0	0	0	13	28-Jan, 29-Jan	Shannon Brinkman, Laurel Goldsmith, Elizabeth Feucht
	Gun Club to Lanphere	BLM/USFWS ⁴	0	0	0	0	0	0	0	0	29-Jan	Shannon Brinkman, Laurel Goldsmith
	Power Pole to Gun Club	BLM, Private	0	0	0	0	0	0	0	0	30-Jan	David Anthon
	North Spit	BLM	0	0	0	0	0	0	0	0	30-Jan	Jesse Irwin
	Elk River Spit	City of Eureka	0	0	0	0	0	0	0	0	29-Jan	Susie Tharratt, Jenny Hutchinson

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	Eel River Gravel Bars	County,CA State	0		0							
	South Spit	BLM	1	7	0	0	10	0	8	0	31-Jan	Elizabeth Feucht, Katelyn Raby
	Eel River WA, North	CDFG	0	0	0	0	0	0	0	0	29-Jan	Elizabeth Feucht
	Eel River WA, South	CDFG	0	0	14	0	0	0	0	0	29-Jan	Elizabeth Feucht
	Centerville Beach	County, Private	0	31	20	35	42	57	46	19	29-Jan	Katelyn Raby
	McNult Gulch	Private			13	16	27	12	17	13	30-Jan	Elizabeth Feucht
	Mattole River	BLM ³	0			0		0	0			
County Total			41	102	109	150	209	203	148	98		
<u>Mendocino</u>	MacKerricher SB, 10 Mile	CDPR	53	41	47	70	97	86	68	61	29-Jan	Alison Cebula
	Virgin Creek	CDPR	0	0	0	0	0	0	0	0	29-Jan	Becky Bowen
	Manchester SB, Alder & Brush Creeks.	CDPR	10	0	0	9	13	0	0	24	25-Jan	Alison Cebula
	Manchester SB, Brush C. to Garcia R.	CDPR, BLM	0	7	7	0	0	18	21	0	25-Jan	Alison Cebula
County Total			63	48	54	79	110	104	89	85		
Total Unit 2			104	150	163	229	321	307	248	199		
<u>San Francisco Bay</u>												
	Ocean Beach		14	17	29	61	104	40	49	35	30-Jan	G. Page, L. Stenzel, J. Clarke, G. Addleman, Y. Hagashide
	Crissey Field		4	0	0	0	0	8	1	6	30-Jan	L. Stenzel, J. Clarke, G. Addleman, Y. Hagashide
<u>Alameda</u>	Baumberg/Eden Landing	CDFG	151	209	192	204	125	179	236	177	28-Jan	B. Pearl, A. Kato
	Coyote Hills	USFWS NWR	0	0	0	0	0	0	0	22	30-Jan	A. Chen
	Crown Beach	EBRPD			6	15	26		34	48	30-Jan	D. Riensche
	Dumbarton	USFWS NWR	2	0	0	0	0	17	0	0	28-Jan	M. Tarjan
	Hayward	City of Hayward	0		0	0	0	0	0	21	29-Jan, 1-Feb	B. Pearl; D. Riensche; C. Cardosi, K. Borowski
	Warm Springs	USFWS NWR	29	0	0	123	0	34	28	36	30-Jan	A. Chen
<u>Napa</u>	Napa	CDFG	0	5	0	26	0			0	1-Feb	K. Taylor
<u>San Mateo</u>	Ravenswood/West Bay	USFWS NWR	11	23	0	23	21	22	18	0	29-Jan	A. Kato
<u>Santa Clara</u>	Alviso	USFWS NWR	37	0	0	0	143	90	0	72	26-Jan	M. Mammoser, M. Rogers, R. Jeffers
<u>Marin</u>	Hamilton Wetlands	SCC					18	0	29	0	26-Jan	J. Evens
	Mountain View								0			
	Montezuma Wetlands								11	4	31-Jan	L. Neuhaus
Total Unit 3			230	237	198	391	333	342	356	380		
<u>Sonoma</u>	Gualala River Mouth	COUNTY								0	1-Feb	J. Erbes
	Russian River Mouth									0	25-Jan	J.f Smith
	Salmon Creek SB	CDPR	4	10	12	6	5	25	0	33	25-Jan	J. Erbes
	Doran County Park	COUNTY	23	0	9	33	33	36	58	32	25-Jan	D. Freid
County Total			27	10	21	39	38	61	58	65		
<u>Marin</u>	Dillon Beach	Private	1	88	60	52	58	76	72	65	28-Jan	L. Stenzel
	Kehoe Beach	USNPS	16	32	59	57	74	42	20	8	27-Jan	D. Humple
	North Beach	USNPS	9	6	0	36	46	41	59	65	27-Jan	M. Lau
	South Beach	USNPS		0	0	0	0	0	11	0	27-Jan	R. DiGaudio
	Lighthouse Beach	USNPS			0	0						
	Drakes Beach	USNPS										
	Limantour Spit	USNPS	72	105	72	94	105	110	104	116	20-Jan	M. Lau
	Bolinas Lagoon	COUNTY	15	13	18	32	30	39	27	34	27-Jan	G. Page, L. Stenzel
County Total			113	244	209	271	313	308	293	288		
<u>San Francisco</u>	Ocean Beach	COUNTY	14	17	29	61	104	40	1	35	30-Jan	G. Page, L. Stenzel, J. Clarke, G. Addleman, Y. Hagashide
	Crissy Field	USNPS	4	0	0	0	0	8	49	6	30-Jan	L. Stenzel, J. Clarke, G. Addleman, Y. Hagashide
County Total			18	17	29	61	104	48	50	41		
<u>San Mateo</u>	Sharp Park Beach	City of Pacifica								0	29-Jan	M. Goodale, S. Hagen

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	Rockaway Beach	City of Pacifica		0	0	0			0	0	29-Jan	M. Goodale, S. Hagen
	Pacifica SB	CDPR	11	7	0	17	21	15	25	14	29-Jan	M. Goodale, S. Hagen
	Pillar Point		1	0	0	0	0		0	0	29-Jan	N.Lyons
	Half Moon Bay State Beach	CDPR	28	37	39	48	37	89	86	59	29-Jan	A. Boutell, E. Yayoshi, A. DeMare, D. Johnson
	Tunitas Creek	Private	25	23	25	22	NS		37	4	29-Jan	L. Vallero, H. Ormshaw
	San Gregorio	CDPR	3	0	0	0	0		0	0	29-Jan	C. Fahy, L. Lee, R. Willimann
	Pomponio	CDPR	0	0	0	0	0		0	2	29-Jan	C. Fahy, L. Lee, R. Willimann
	Pescadero SB	CDPR	5	9	14	19	37	29	31	10	29-Jan	C. Fahy, L. Lee, R. Willimann
	Pigeon Point	CDPR, Private	8	10	0	7	0	0	6	4	29-Jan	S. Mencher, K. Lannin Liang
	Gazos Creek	CDPR	17	26	21	39	35	62	58	72	29-Jan	L. Flint, K. Rogind
	Ano Nuevo	CDPR	0	0	0	0			0	0	29-Jan	J. Kerbavaz
County Total			98	112	99	152	130	195	243	165		
<u>Santa Cruz</u>	Waddell SB	CDPR, Private	0	0	0	0	0	0	0	0	29-Jan	S. Mencher, K. Lannin Liang
	Scott Creek Beach	County	56	26	67	22	46	19	0	0	29-Jan	J. Teitler, L. Bidinian
	Laguna Creek	CDPR	25	34	0	27	0	0	0	0	29-Jan	S. Thornhill
	Wilder SB	CDPR	4	0	0	0	0	0	0	0	29-Jan	S. Martin, S.Thornbill
	Seabright SB	CDPR	73	83	88	95	80	84	121	94	28-Jan	C. Gibble
	Twin Lakes State Beach	CDPR								0	28-Jan	J. Brocklebank
	Rio Del Mar	Private					27		0	0	28-Jan	J. Parkin
	Sunset SB	CDPR	32	41	0	37	0	0	56	0	28-Jan	S. Degen, J.-L. Excofier
	Pajaro Beach and Spit	CDPR	76	27	124	70	8	69	86	0	28-Jan	K. Neuman
County Total			266	211	279	251	161	172	263	94		
<u>Monterey</u>	Zmudowski SB	CDPR	8	90	17	106	260	0	0	132	28-Jan	B. Barbaree
	Moss Landing SB	CDPR	29	25	21	44	2	72	0	0	28-Jan	D. Glasco
	Moss Landing Salt Ponds	CDFG	0	0	0	0		110	0	0	28-Jan	R. Horn
	Salinas SB	CDPR	34	14	6	42	20	9	25	59	29-Jan	B. Barbaree
	Salinas River NWR	USFWS	22	30	0	22	85	2	116	21	29-Jan	K. Neuman, C. Caris
	Martin/CemexAreas	Private	8	7	0	37	14	4	0	45	29-Jan	K. Neuman, E. Haile
	Marina SB (Reservation Rd & Fort Ord)	CDPR	24	0	57	16	0	0	11	14	28-Jan	E. Haile, A. Palkovic
	Sand City	Private	0	0	0	113	34	75	73	49	28-Jan	D. Dixon, F. White-Henry
	Monterey SB	CDPR	25	12	120	6	45	26	49	0	28-Jan	C. Chabre
	Carmel River SB	CDPR	28	31	8	7	87	42	19	26	28-Jan	D. Dixon, F. White-Henry
	Asilomar	CDPR	0	0	0	0	0	0	0	0	28-Jan	D. Dixon
	Point Sur Beach	CDPR	0	0	0	0	0	0	0	0	29-Jan	A. Palkovic
	Little Sur Beach	Private	0	0	27	0	6	0	13	8	25-Jan	D. Glasco, A. Palkovic
County Total			178	209	256	393	553	340	306	354		
Total Unit 4			700	803	893	1167	1299	1124	1213	1007		
<u>San Luis Obispo</u>	San Carpoforo Creek	USFS ⁶ , CDPR	16	1	26	0	0	14	0	36	29-Jan	J. Sayers
	Point Sierra Nevada	CDPR	0	0	0	0	0	0	0	0	29-Jan	J. Sayers
	Arroya de La Cruz	CDPR	2	0	0	0	0	0	0	0	29-Jan	J. Sayers
	Sydney's Lagoon	CDPR	0	0	0	0	0	0	0	0	29-Jan	J. Sayers
	Arroyo Laguna Creek	CDPR	27	0	0	0	0	6	0	0	29-Jan	J. Sayers
	Little Pico Creek	CDPR	28	0	0	0	0	0	0	0	29-Jan	J. Sayers
	San Simeon State Beach	CDPR	46	33	93	144	193	0	54	88	29-Jan	J. Sayers
	Santa Rosa State Beach	CDPR	0	0	0	0	0	0	4	0	29-Jan	J. Sayers
	Estero Bluffs State Beach	CDPR	28	33	0	35	0	0	16	0	29-Jan	R. Orr
	Toro Creek	Private	0	0	0	0	0	0	0	0	29-Jan	R. Orr
	Morro Strand SB	CDPR	1	81	141	106	5	55	56	2	29-Jan	R. Orr
	Morro Rock City Beach	City of Morro Bay	0	0	0	0	0	0	0	0	29-Jan	R. Orr
	Morro Bay Sandspit: City sector	City of Morro Bay	0	28	0	37	0	1	2	4	29-Jan	J. Isaacs, S. Ontiveros
	Morro Bay Sandspit: State sector	CDPR	0	50	76	130	123	201	23	3	29-Jan	J. Isaacs, S. Ontiveros

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	Pismo State Beach	CDPR	34	0	0	0	7	0	0	0	29-Jan	S. Robinson
	Oceano Dunes SVRA	CDPR	118	113	227	219	232	138	112	90	29-Jan	D. George, S. Robinson
	ODSVRA Oso Flaco Natural Area	CDPR	32	22	34	19	7	0	22	26	29-Jan	J. Iwanicha
	Guadalupe-Nipomo Dunes NWR	USFWS	44	39	11	19	1	6	17	8	29-Jan	J. Iwanicha
	Chevron (formerly Unocal) Property	Private	26	25	2	33	7	17	15	38	29-Jan	K. Paradis
County Total			402	425	610	742	575	438	321	295		
<u>Santa Barbara</u>	Rancho Guadalupe Dunes Co. Park	County	38	48	82	84	101	85	9	51	30-Jan	T. Applegate
	Mussel Rock Beach	Private	0	30	73	19	64	3	30	14	30-Jan	T. Applegate
	Paradise Beach	Private	0	0	0	0	0			0	30-Jan	T. Applegate
	Point Sal SB	CDPR	0	0	0	0	0	0	0	0	30-Jan	J. Howar
	Vandenberg AFB North beaches	US Air Force	114	86	73	61	56	56	37	91	30-Jan	L Hargett, E Rice
	Vandenberg AFB South beaches	US Air Force	82	67	89	120	143	87	80	199	29-Jan	L Hargett, E Rice
	Dangermond Preserve	TNC								20	29-Jan	L Hargett, E Rice
	Jalama Beach	County	57	81	116	93	97	0	0	42	29-Jan	J. Howar
	Gaviota State Beach	CDPR	0	0	0	0	0	1	0	0	29-Jan	D. Barringer
	Refugio State Beach	CDPR	0	0	0	0	0	9	17	0	29-Jan	D. Barringer
	El Capitan State Beach	CDPR	0	0	0	0	10	0	0	0	29-Jan	D. Barringer
	Hollister	Private								32	26-Jan	D. Barringer
	Haskell's Beach	Private	0	0	0	0	0	0	0	0	29-Jan	J. Nielsen
	Ellwood Beach	City of Goleta	0	0	0	0	0	0	0	11	29-Jan	J. Nielsen
	Coal Oil Pt. Reserve	Univ. of Calif.	147	134	141	130	62	75	185	132	29-Jan	J. Nielsen
	Isla Vista beach	Univ. of Calif.	0	0	0	0	0	0	0	0	29-Jan	J. Nielsen
	Campus Beach	Univ. of Calif.	0	0	0	0	0	0	0	0	29-Jan	J. Nielsen
	Goleta Beach	County	0	25	0	0	0	0	0	0	29-Jan	J. Nielsen
	Santa Barbara beaches	City of S. Barbara	60	69	61	45	0	43	19	0	1-Feb	L. Chang, J. Gold
	Santa Claus Lane beaches	Private	0	38	0	34	0		49	0	29-Jan	K. Fahy
	Carpinteria City Beach	City of Carpinteria	0	0	0	0	0	0	0	0	27-Jan	M. Ruane
	Carpinteria State Beach	CDPR	0	0	0	0	0	0	0	0	27-Jan	M. Ruane
	Santa Cruz Island	Nature Conservancy	2	0	0	13	8		24	22	30-Jan	L. Laughrin
	Santa Rosa Island	USNPS	203	165	169	186	53	122	152	147	12-Feb	D. Mazurkiewicz
	San Miguel Island	USNPS	7	0	0	6	0	61		0	4-Feb	S. Whitaker
County Total			710	743	804	791	594	542	602	761		
<u>Ventura</u>	Ventura River Estuary	City of Ventura		6	3	9	0			0	31-Jan	K. Regester
	San Buenaventura State Beach	CDPR	125	86	54	87	52	65	0	62	29-Jan	N. Cox, B. Sheridan
	McGrath State Beach	CDPR	46	29	17	19	5	3	34	33	29-Jan	N. Cox, B. Sheridan
	Mandalay State Beach	CDPR	31	32	17	21	24	4	22	2	29-Jan	N. Cox, B. Sheridan
	Hollywood County Beach	County	28	47	131	28	20	38	12	34	28-Jan	D. Barringer
	Ormond Beach	CACC, City of Oxnard	57	85	75	69	65	60	56	0	29-Jan	Z. Adkins, C. Hartley, J. Suddith
	Point Mugu NAS	US Navy	56	88	56	32	14	42	16	94	29-Jan	F. Ferrara, M. Ruane
	San Nicolas Island	US Navy	159	96	70	69	7	24	80	49	30-Jan	F. Ferrara, et al
County Total			502	469	423	334	187	236	220	274		
Total Unit 5			1614	1637	1837	1867	1356	1216	1143	1330		
<u>Los Angeles</u>	Leo Carrillo Beach	CDPR*	0		0	0	0	0	0	0	27-Jan	T. Zagelbaum
	Nicolas Canyon County Beach	County		0	0	0	0	0	0	0	29-Jan	D. Steinicke
	R.H.Meyer State Beach (entire)	CDPR*			0	7	0	0	0	0	29-Jan	D. Steinicke
	Broad Beach	Private				0	0	0	0	0	28-Jan	B. Crowe
	Zuma County Beach	County	85	80	74	0	10	46	44	72	26-Jan	P. Prichard
	Paradise Cove	Private	0	0	0	0	0	0	0	0	25-Jan	S. Summer
	Dan Blocker County Beach	County	2	4	0	0	0	0	0	0	27-Jan	J. Beseda
	Malibu Lagoon	CDPR	26	60	25	0	18	19	28	6	30-Jan	G. Murayama, L. Loeher, T. Camp
	Carbon to Big Rock Beach	Private?	78	0	0	0	0	0	0	0	30-Jan	G.Murayama, L. Loeher,

REGION	SITE	OWNER	2012	2013	2014	2015	2016	2017	2018	2019	2019 Date	Primary Observer(s)
	Las Tunas State Beach	CDPR*	0	0	0	0	0	0	0	0	27-Jan	R.C. Brody
	Topanga State Beach	CDPR*	0	0	0	0	0	0	0	0	27-Jan	R.C. Brody, H. Borenstein
	N.Will Rogers State Beach	CDPR*	0	0	0	0	2	0	0	0	1-Feb	C. Lord, H. Borenstein
	S.Will Rogers State Beach	CDPR*	0	0	0	0	2	0	0	0	29-Jan	T. Treiber
	N.Santa Monica State Beach	Operated by City of SM	58	47	37	32	25	33	27	13	31-Jan	L. Plauzoles
	S.Santa Monica Beach	Operated by City of SM	0	0	0	0	0	0	0	0	9-Feb	M. DeMatteo
	N. Venice Beach	CDPR*	0	0	0	0	0	0	0	0	30-Jan	A. Brandin, B. Champion
	S. Venice City Beach	Managed by County	4	2	0	0	0	0	15	0	30-Jan	A. Brandin, Barry. Champion
	Marina del Rey City Beach	City of Venice			0	9	11	8	0	12	27-Jan	S. Vigallon, P. Bleiden, I. Carrillo, R. Jeffers, S. Johnson, V.
	Playa del Rey	CDPR*		13	42	16	26	27	25	31	29-Jan	W. Lamb
	N. Dockweiler State Beach	CDPR*	33	5	0	0	0	0	0	0	30-Jan	P. Blieden
	S. Dockweiler State Beach	CDPR*	13	3	0	25	1	9	0	2	27-Jan	S. Imsand
	El Segundo Beach	CDPR*	0	2	4	9	4	1	0	0	29-Jan	J. Schrenzel
	Manhattan State Beach	CDPR*	0	0	0	0	0	0	2	2	29-Jan	J. Schrenzel
	Hermosa City Beach	City of Hermosa	49	40	60	49	35	31	98	57	30-Jan	D. Moody, K. Clark
	Redondo SB/Torrance County Beach	CDPR/County	0	0	0	0	0	0	0	28	28-Jan	J. Lowry
	Cabrillo State Beach	CDPR*	4	6	7	4	6	0		13	26-Jan	J. Morton
	Long Beach City Beach	City of Long Beach		0	0	0	0	0	0	0	30-Jan	A. Hsieh
	San Clemente Island	US Navy	25	17	15	13	10	19	23	16	20-Feb	S. Vissman
	Santa Catalina Island	Catalina Conservancy				5	0	0				
	* managed by LA County											
County Total			377	279	264	169	150	193	262	252		
Orange	Seal Beach	City of Seal Beach			2	0	1	0	7	12	1-Feb	D. Hays, A. Schweizer
	Seal Beach NWS	US Navy			0	0	1	0		6	29-Jan	R. Schallman
	Surfside	City of Seal Beach	5	0	10	16	0	13	11	0	29-Jan	J.t Yeuttr, D. Yeutter, R. Griswold
	Sunset	COUNTY		7	16	9	0	11	12	0	28-Jan	M. King, K. King
	Bolsa Chica SB	CDPR	44	36	31	55	1	63	36	27	26-Jan	B. Levitan, A. Levitan, N. Kapplemann, J. Stacy, R. Griswold
	Bolsa Chica ER/wetlands	CDFG		3	23	0	44	10	10	26	26-Jan	P. Knapp, R.Griswold
	Huntington City Beach	City of Huntington B.		0	0	0	0	0	0	0	26-Jan	B. Sandstrom, K. Anderson, K.Mitchell, J. Hall, C. Stoughton
	Huntington SB	CDPR	21	20	21	12	15	10	21	23	31-Jan	R. Griswold, D. Lithgow
	Newport Beach	City of Newport B.			1	3	0	1	0	0	27-Jan	T. Gee, S. Chartier-Grable
	Balboa Beach	City of Newport B.	63	64	125	48	45	15	19	43	29-Jan	R. Griswold, S. Howard, S. Kaveggia, H. Fuhrer, P. Fuhrer
	Corona Del Mar	CDPR			0	0	0	0	0	0	1-Feb	S. Parsons, D. Ethington
	Crystal Cove State Park	CDPR	10	0	7	27	4	58	27	52	28-Jan	C. Steinberg, B. Halladay, K. Parry
	Laguna Beach	City of Laguna Beach			0	0	0	0	0	0	28-Jan	M. Schlothan
	Salt Creek	COUNTY	46	45	16	35	33	29	32	34	29-Jan	A. Stanton, S. Counts
	Doheny SB	CDPR	0	0	0	3	1	11	16	7	27-Jan	J. Elias
	Capistrano	COUNTY			0	0						
	San Clemente City Beach	City of San Clemente			0	0	3	0	0	0	30-Jan	M. Shetterly, A. Trexler, S. Carlton
	San Clemente SB	CDPR			0	0	0	0	48	28	25-Jan	D. Etchison, G. Markussen
County Total			189	175	252	208	148	221	239	258		
San Diego	San Onofre/Trestles	CDPR	57	45	67	37	35	20	13	42	30-Jan	L. Nguyen
	Camp Pendleton	US Marine Corps	156	109	93	114	51	66	86	68	30-Jan	T. Wooten, R. Smith, K. Murbock
	Oceanside	City of Oceanside	0	0	0	0	0	0	0	0	29-Jan	S. Brad
	Buena Vista Lagoon	CDFG	0	0	0	0	0	0	0	0	1-Feb	J. Barr, M. Hubbel
	Aqua Hedionda	Private/CDFG		0	0	0	0	0	0	0	1-Feb	J. Barr, M. Hubbel
	North Carlsbad S.B.	CDPR		0	0	0	0	0		0	29-Jan	S. Brad
	South Carlsbad S.B.	CDPR	0	2	4	6	1	3	0	3	31-Jan	L. Squires
	Batiquitos Lagoon	CDFG		8	6	0	1	0	2	0	1-Feb	J. Barr, M. Hubbel
	San Elijo Lagoon	County/CDFG	0	0	0	0	0	0	0	0	26-Jan	R. Patton
	Cardiff SB	CDPR	25	20	70	58	46	57	98	70	25-Jan	L. Squires, M. Bache, R. Patton
	San Dieguito Lagoon	State	0	0	0	0	0	0	0	0	3-Feb	J. Lesley et al.

REGION	SITE	OWNER	2012	2013	2014	2015	2016	2017	2018	2019	2019 Date	Primary Observer(s)
	Del Mar City Beach	City of Del Mar		0	0							
	Los Penasquitos Lagoon	CDPR	38	28	0	11	0	0	0	0	26-Jan	L. Squires
	Torrey Pines SB- Blacks	CDPR		17	0		0	0	0	0	26-Jan	L. Squires
	La Jolla	City of S. Diego				0						
	S. Mission Beach	City of S. Diego	56	57	75	59	64	52	52	32	31-Jan	J. Lesley
	San Diego River Channel	City of S. Diego	0	0	0	0	0	0	0	35	31-Jan	J. Lesley
	Ocean Beach	City of S. Diego			0	0	0	0				
	Mariner's Point	City of S. Diego	0	0	0	0	0	0	0	0	31-Jan	J. Lesley
	Fiesta Island	City of S. Diego		0	0	0	0		0			
	Sweetwater NWR and D Street Fill	USFWS/Port of SD	0	0	0	0	0	0	10	0	30-Jan	R. Patton
	Chula Vista Wildlife Reserve	Port of SD/Airport Auth	0	0	0	0	0	0	0	0	30-Jan	R. Patton
	SD NWR/Salt Works	USFWS	1	1	0	0	9	26	63	43	30-Jan	R. Patton, M. Sadowski
	NAS North Island	US Navy	74	66	67	60	67	41	33	72	30-Jan	M. Post, K. Ozkan
	Coronado Beach	Cityof Coronado			0		0					
	Naval Amphibious Base-Ocean	US Navy	36	34	43	33	48	34	4	12	30-Jan	K. Ozkan
	NAB Bay-Delta Beach	US Navy	0	0	0	0	0	0	0	0	30-Jan	M. Post
	Silver Strand SB-Ocean	CDPR	0	5	36	80	0	12	38	21	28-Jan	L. Squires
	Silver Strand SB-Bay	CDPR	0	4	0	0	0	0	0	0	28-Jan	L. Squires
	Naval Radio Receiving Facility	US Navy	47	29	36	22	33	25	14	6	30-Jan	M. Post
	South Bay Biological Reserve	County	0	0	0	0	0					
	Imperial Beach	City of Imperial Beach				0						
	Tijuana Estuary	USFWS	10	2	5	21	21	21	6	31	30-Jan	R. Patton
	Border Field SP	CDPR	49	60	63	38	68	42	47	0	30-Jan	L. Squires
County Total			549	487	565	539	444	399	466	435		
Total Unit 6			1115	941	1081	916	742	813	967	945		
California Total			3763	3768	4172	4570	4051	3802	3927	3861		
Rangewide			3996	4017	4471	4799	4413	4163	4332	4277		

CDFG = California Deparment 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
USFWS NWR = US Fish and Wildlife Service National Wildlife Refuge
WDNR = WA Dept of Natural Resources
ACOE = US Army Corps of Engineers
OPRD = OR Parks and Recreation Department
DOD = US Department of Defense
DSL = Department of State Lands
EBRPD = East Bay Regional Park District
SCC = State of CA Coastal Conservancy
TNC = The Nature Conservancy

Millete, A. DuCre

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