

SITES MONITORED FOR BOTH THANKSGIVING & NEW YEAR'S COUNTS:

SITE ID	SITE NAME	COUNTY	Thanksgiving Count	New Year's Count
3122	Bay Flat Rd., Bodega Bay	Sonoma	0	0
3121	Bodega Dunes Campground, Bodega Bay	Sonoma	6	0
3133	Monarch Glen, The Sea Ranch	Sonoma	0	0
3138	Ranch Road, Bodega Bay	Sonoma	0	0
3235	Stillwater Cove	Sonoma	1	1
3195	Swimming Pool, The Sea Ranch	Sonoma	6	0
2912	Alder Rd., Vortex (Larch, Ocean St)	Marin	105	44
3169	Avenida Farralone	Marin	15	0
2898	BPUD Sewer Ponds, Bolinas	Marin	10	8
2903	Chapman Ravine, Stinson Beach	Marin	5	22
3226	Charlotte, Muir Beach	Marin	0	0
2896	Community Center, Muir Beach	Marin	0	0
2909	Fort Baker, GGNRA	Marin	25	8
2675	Fort Barry, Marin Headlands (Youth Hostel)	Marin	0	0
3227	Juniper & Kale, Bolinas	Marin	20	2
2899	Purple Gate, Bolinas	Marin	0	0
2901	Terrace Ave., Bolinas	Marin	0	0
2897	Terwilliger Grove, Muir Beach	Marin	0	0
3039	Fort Mason, Near Bldg. 201	San Francisco	10	8
3037	Rob Hill / The Presidio	San Francisco	8	1
2841	Point Pinole, Point Pinole	Contra Costa	15	1
3210	Alameda Point	Alameda	25	25
2830	Albany Hill, Albany	Alameda	12	9
2831	Ardenwood Historical Farm, Fremont	Alameda	7	2
3228	Berkeley Aquatic Park	Alameda	14	2
2832	Chuck Corica Golf Course, Bay Farm Island	Alameda	14	17
2834	Coyote Hills, Fremont	Alameda	6	1
3255	Gill Tract	Alameda	30	26
3229	Lake Merritt	Alameda	5	2
2836	Newpark Mall (Shirley Sisk Grove)	Alameda	0	5
3191	Oyster Point Regional Shoreline	Alameda	1	2
2833	San Leandro Golf Course, San Leandro	Alameda	175	69
3250	Encinal Boat Ramp, Encinal Beach	Alameda	0	0
3108	Frenchman's Creek	San Mateo	0	0
3113	Sweetwood	San Mateo	14	4
3107	Verde (Purissima Creek)	San Mateo	17	0
3000	Lighthouse Field, Santa Cruz	Santa Cruz	410	637
2983	Moran Lake, Moran Lake	Santa Cruz	1,100	725
2998	Natural Bridges State Beach, Santa Cruz	Santa Cruz	2,100	1,700
2988	Seascape Golf Course, Aptos	Santa Cruz	700	32
2924	Andrew Molera State Park	Monterey	2	0
3192	CH1 Private Site	Monterey	1,193	2,623
2935	Pacific Grove Sanctuary	Monterey	13,608	10,055
2920	Private Property near Big Sur	Monterey	11,200	10,100
2934	Washington Park, Pacific Grove	Monterey	0	0
3085	Alapay, North of Cayucos	San Luis Obispo	51	0
3086	Avila Golf Course, San Luis Obispo	San Luis Obispo	17	1
3083	Blacklake I, E of parking area, W of Entrance	San Luis Obispo	3,065	1,553
3089	Blacklake II, NW end of meadow, S of Lake	San Luis Obispo	14,780	9,594
3087	Bowden Estates, San Luis Obispo	San Luis Obispo	0	2
3214	Callendar Road, Arroyo Grande	San Luis Obispo	1,119	1,333
3058	Camp Keep, Montana De Oro State Park	San Luis Obispo	1,299	5
3232	Cypress Ridge Golf Course	San Luis Obispo	8	208
3233	Del Mar Park, Morro Bay	San Luis Obispo	87	48
3057	Eagle Rock, Morro Bay	San Luis Obispo	96	50
3046	Fiscalini Ranch	San Luis Obispo	1,709	53
3090	French Hospital, San Luis Obispo	San Luis Obispo	20	6
3064	Halcyon Cemetery	San Luis Obispo	5	2
3067	Halcyon Hill, Halcyon	San Luis Obispo	1,007	917
3073	Hamlet, Cambria	San Luis Obispo	3,479	1
3052	Hazard Cove	San Luis Obispo	4,945	2,300
3093	Higuera & Elks Ln SLO Cemetery, San Luis Obispo	San Luis Obispo	1	0
3062	Hwy 1 & Willow Road	San Luis Obispo	1	0
3077	Main & South St., Morro Bay	San Luis Obispo	0	3
3076	Main & Surf St., Morro Bay	San Luis Obispo	3,188	2,609
3053	Monarch Lane, Los Osos (modified site)	San Luis Obispo	1,020	3,936
3056	Morro Bay Golf Course, Morro Bay	San Luis Obispo	8,464	6,135
3055	Morro Bay State Park Campground, Morro Bay	San Luis Obispo	86	5
3080	Morro Bay State Park, East Shore	San Luis Obispo	4	0
3079	Morro Bay State Park, South Bay Blvd	San Luis Obispo	262	23
3095	N. Santa Rosa, San Luis Obispo	San Luis Obispo	0	0
3215	Nacimiento, Grover Beach	San Luis Obispo	0	0
3043	Pecho Rd., Los Osos (Pecho & Rosin Dr.)	San Luis Obispo	9,288	6,457
3065	Pike, Halcyon	San Luis Obispo	15	13
3060	Pismo Beach, North Beach Campground	San Luis Obispo	20,871	16,965
3068	Prefumo Creek	San Luis Obispo	46	42

3098	Price & Solar, Pismo	San Luis Obispo	10	2
3082	Private site, Oceano	San Luis Obispo	4,729	4,320
NEW	Private site, Ragged Point 2	San Luis Obispo	60	0
NEW	Private site, Ragged Point 3	San Luis Obispo	5,978	5,690
3245	San Luis Obispo (SLO) Creek	San Luis Obispo	260	5
3045	Sebastian's Store, San Simeon	San Luis Obispo	74	0
3081	Spooner's Cove	San Luis Obispo	193	3
3054	Sweet Springs, Los Osos	San Luis Obispo	290	170
3051	Toro Creek, South of Cayucos	San Luis Obispo	844	0
3070	Villa Creek, North of Cayucos	San Luis Obispo	837	0
3071	Whitaker Flat	San Luis Obispo	55	2
3167	Woodlands Village Monarch Habitat, Nipomo Mesa	San Luis Obispo	3,436	2,520
2765	Atascadero Creek, Santa Barbara	Santa Barbara	814	524
2817	Bella Vista Park	Santa Barbara	4	0
3242	Brown Road	Santa Barbara	37	90
2691	California Boulevard	Santa Barbara	2	0
2799	Carpinteria Creek, Carpinteria	Santa Barbara	3,005	0
2757	Cathedral Oaks and Glen Annie	Santa Barbara	0	0
2792	Crane School	Santa Barbara	84	442
2739	El Capitan	Santa Barbara	10	41
2753	Ellwood / Ocean Meadows	Santa Barbara	1	0
2747	Ellwood / Sandpiper Golf Course	Santa Barbara	346	0
2750	Ellwood Central and West, Goleta	Santa Barbara	2,564	50
2752	Ellwood East	Santa Barbara	4,292	10,711
3251	Ellwood Ironbark	Santa Barbara	0	0
3252	Ellwood Main Annex	Santa Barbara	0	0
2751	Ellwood Main, Goleta	Santa Barbara	3,874	3,378
2749	Ellwood North, Goleta	Santa Barbara	6	0
2754	Ellwood, Hollister & Coronado Dr., Goleta	Santa Barbara	0	0
2776	Ennisbrook	Santa Barbara	1	0
3208	Gaviota State Beach Hill	Santa Barbara	0	1
2731	Gaviota State Beach, Gaviota	Santa Barbara	0	3
2829	Hale Park, Montecito	Santa Barbara	0	0
2772	Honda Valley / SBCC	Santa Barbara	416	312
3225	La Ramada Rd and Vala Dr.	Santa Barbara	0	3
2783	Lambert Road, Summerland	Santa Barbara	1,225	0
2741	Las Varas Ranch	Santa Barbara	12,992	11,947
2758	Los Carneros and Calle Real	Santa Barbara	0	0
3216	Maria Ygnacio / Ramada Rd.	Santa Barbara	20	9
2788	Maria Ygnacio Creek, Goleta	Santa Barbara	17	2
2800	Oil & Gas Buffer Zone, Carpinteria East	Santa Barbara	852	50
2796	Padaro Lane 1	Santa Barbara	1	0
3223	Padaro Lane 2	Santa Barbara	25,081	5,900
2680	Pioneer Park	Santa Barbara	0	0
2692	Rancho Maria Golf Course	Santa Barbara	0	0
2725	Rancho San Augustine, Hollister Ranch	Santa Barbara	3,365	303
2728	Santa Anita Creek	Santa Barbara	12,128	5,600
2688	Union Valley Parkway	Santa Barbara	28	34
2707	Vandenberg AFB, 35th Street	Santa Barbara	0	0
2701	Vandenberg AFB, Archery Range	Santa Barbara	4	14
2711	Vandenberg AFB, Bear Creek	Santa Barbara	21	14
2714	Vandenberg AFB, Dry Creek Canyon	Santa Barbara	435	311
2704	Vandenberg AFB, Family Camp Site	Santa Barbara	0	0
2696	Vandenberg AFB, Marshalia Golf Course	Santa Barbara	0	9
2709	Vandenberg AFB, Mesa Rd / Arguello Blvd.	Santa Barbara	372	310
3246	Vandenberg AFB, Minuteman, SBO Site # 2	Santa Barbara	115	118
2694	Vandenberg AFB, Point Sal Rd.	Santa Barbara	0	12
2712	Vandenberg AFB, Spring Canyon	Santa Barbara	16,616	7,224
2699	Vandenberg AFB, Tangair Rd.	Santa Barbara	5,101	1,876
2698	Vandenberg AFB, Umbra Rd.	Santa Barbara	0	2
2713	Vandenberg AFB, Upper Spring Canyon	Santa Barbara	30	18
2782	Via Real and Padaro	Santa Barbara	0	0
2677	Waller County Park	Santa Barbara	9	0
3142	Arrundell Barranca, Ventura	Ventura	7,715	3,917
3149	Big Sycamore Canyon, Pt. Mugu State Park	Ventura	89	66
3146	Blue Gum Grove	Ventura	0	0
3143	Camino Real Park, Ventura	Ventura	4,874	1,548
3151	Harbor Bouelvard, Ventura	Ventura	5,547	921
3144	Harmon Barranca, Ventura	Ventura	313	1
3193	Ocean Ave. Park, Ventura	Ventura	474	22
3152	Oxnard College, Oxnard	Ventura	110	1
3139	Vista Del Mar SE, Ventura	Ventura	207	2
3140	Vista Del Mar, Ventura	Ventura	10	4
2894	2817 Via La Selva, Palos Verdes	Los Angeles	0	0
2879	Ballona Wetlands, Playa Del Rey	Los Angeles	1,454	980
2887	Banning Park, Wilmington	Los Angeles	8	0
NEW	Hermosa Beach	Los Angeles	1,349	656
3218	Livingston Park, Long Beach	Los Angeles	4	0

NEW	Ocean Ave	Los Angeles	101	39
2874	Penmar Golf Course	Los Angeles	615	220
2890	Recreation Park (north), Long Beach	Los Angeles	7	2
2858	Trancas Canyon	Los Angeles	568	912
2893	Via La Selva & Via Capay, Palos Verdes	Los Angeles	0	0
3181	Woodlawn Cemetery, Santa Monica	Los Angeles	7	0
3207	Aliviso Resort, Laguna Beach	Orange	0	0
2947	Doheny State Beach, Dana Point	Orange	14	0
2954	Gum Grove Park, Seal Beach	Orange	0	0
2975	Huntington Central Park, (amphitheater)	Orange	147	564
2955	Huntington Central Park, Gothard St. Site	Orange	12	6
3199	Marina Park, Seal Beach	Orange	0	0
2957	Norma Gibbs, Grahm St., Huntington	Orange	38	0
2949	San Clemente State Park, San Clemente	Orange	13	2
2980	Sundance Dr., Costa Mesa	Orange	0	0
3200	Trafalgar Ln., San Clemente	Orange	4	0
3184	Crest Dr., Encinitas	San Diego	35	30
3024	El Camino Real & Chestnut, Carlsbad	San Diego	1	1
3026	El Prado & 6th Street, Balboa Park	San Diego	0	0
3027	Grape Street Park, Balboa Park	San Diego	0	2
3205	Hidden Pines Trail, Torrey Pines SNR	San Diego	91	5
3013	Hosp Grove, Carlsbad	San Diego	0	0
3180	Mount Soledad, La Jolla, Romero Dr.	San Diego	0	0
3030	Pottery Canyon, La Jolla	San Diego	0	0
3016	Presidio Park, Old Town	San Diego	8	1
3025	Quail Gardens Dr., Encinitas	San Diego	0	11
3014	San Diego Botanic Garden	San Diego	0	0
3204	San Onofre Creek, Camp Pendleton	San Diego	2	0
3206	South Torrey Pines State Natural Reserve	San Diego	0	0
3203	Tomato Fields, Camp Pendleton	San Diego	1,035	1
3029	UCSD Che Cafe	San Diego	5	0
3031	UCSD Coast Site, Azul St.	San Diego	9	0
3023	UCSD Mandeville	San Diego	0	0
3032	UCSD Salk Site, Near Salk Institute	San Diego	0	0
3033	UCSD Weiss, Near the Weiss Theater	San Diego	1	0
3018	Vandegrift	San Diego	5	14
	Rio Salado Habitat Restoration Area-Main	Phoenix, AZ	13	13
	Rotary Park	Lake Havasu, AZ	106	30
	Buckskin State Park	Parker, AZ	0	40
	Rio Salado Habitat Restoration Area-N. Anex	Phoenix, AZ	0	0
	Rio Salado Habitat Restoration Area-S. Anex	Phoenix, AZ	0	0
	Total reported:		241,417	150,423
	No. Counts:		195	195
	Average:		1,238.04	771.40
	Standard Error:		251.78	167.38
	Difference between Thanksgiving and New Year's Counts		-90,994	monarchs
	Percent decline		-38	%

**NOTE: 14 additional sites (below) were monitored for the New Year's Count that do not appear in the data above.*

SITES MONITORED FOR NEW YEAR'S COUNT ONLY:

SITE ID	SITE NAME	COUNTY	New Year's Count
3125	Timber Cove	Sonoma	1
3236	Lover's Bridge/ The Presidio	San Francisco	0
3115	Mare Island, Vallejo	Solano	0
2925	Point Sur Lighthouse	Monterey	0
2676	Preisker Park, Santa Maria	Santa Barbara	3
2742	Private site, Santa Barbara	Santa Barbara	3
2703	Vandenberg AFB, Off Road Site	Santa Barbara	30
2818	Vandenberg Village, Lompoc	Santa Barbara	0
2746	Winchester Canyon	Santa Barbara	1
2869	Getty Museum	Los Angeles	700
2976	Festival of the Arts, Laguna Beach	Orange	0
2977	Golden West College, Huntington Beach	Orange	7
2978	Hospital Site, Dana Point	Orange	0
3198	Junipero & Presidente, San Clemente	Orange	0
	Total reported:		745
	No. Counts:		14
	Average:		53.21
	Standard Error:		49.80

GRAND TOTALS FOR NEW YEAR'S COUNT	
Total reported:	151,168
No. Counts:	209
Average:	723.29
Standard Error:	156.67

Data Citation: Xerces Society Western Monarch New Year's Count. 2022. Western Monarch New Year's Count Data, 2016-2022. Available at www.westernmonarchcount.org.