



MOSQUITO and VECTOR MANAGEMENT DISTRICT of Santa Barbara County

DISEASE SURVEILLANCE REPORT

June 2018

Live Mosquito-Borne Virus Surveillance

Sixteen mosquito trapping surveys were conducted in June 2018 (39 year to date). The results are shown in the table below. All sample pools submitted to date have been negative for West Nile virus (WNV) and other mosquito-borne viruses.

LOCATION	DATE	NUMBER of MOSQUITOES	NUMBER of TRAPS [^]	MOSQUITOES PER TRAP NIGHT*	POOLS SUBMITTED	RESULT
South Coast						
Shoreline Drive at Patterson Ave.	6/4-6/5	346	12 EVS	28.8	8	Negative
Tecolote Creek at Rancho Embarcadero	6/6-6/7	34	12 EVS	2.8	1	Negative
El Estero Wastewater Treatment Plant	5/21-6/8	22	1 BG	1.2	0	N.A.
Lake Los Carneros	6/13-6/14	90	12 EVS	7.5	3	Negative
Andree Clark Bird Refuge	6/19-6/20	27	10 EVS	2.7	1	Negative
Riven Rock Rd.	6/25-6/26	3	4 EVS	.75	0	N.A.
Olive Mill Road at Hot Springs	6/25-6/26	2	5 EVS	.04	0	N.A.
San Ysidro Creek at Randall Road	6/25-6/26	0	3 EVS	0	0	N.A.
San Luis Obispo County						
Oceano Campground, Pismo State Beach	6/21-6/22	151	2 EVS	75.5	4	Negative
North Beach Campground, Pismo State Beach	6/21-6/22	94	3 EVS	31.3	2	Negative
Chumash Park, Pismo Beach City	6/21-6/22	42	3 EVS	14	1	Negative
Pismo Creek, Pismo Beach City	6/21-6/22	10	3 EVS	3.3	0	N.A.
Islay Park, San Luis Obispo	6/11-6/12	38	3 EVS	12.7	2	Negative
55 Broad St., San Luis Obispo	6/11-6/12	143	3 EVS	47.7	3	Negative
Sacramento Dr and Ricardo Ct., San Luis Obispo	6/11-6/12	147	3 EVS	49	4	Negative
Prefumo Creek @ Isabella Way	6/11-6/12	8	3 EVS	2.7	0	N.A.

* Mosquitoes Per Trap Night = Number of Mosquitoes ÷ (Number of Traps x Number of Nights)

[^] EVS = CO₂ trap BG = BG-Sentinel invasive *Aedes* mosquito trap

In response to the mosquito counts at Oceano Dunes and Pismo Beach, District staff treated Chumash Park, Pismo Creek, North Beach Campground, Le Sage Riviera Golf Course, and Oceano Campground with VectoBac G.

West Nile Virus Dead Bird Submissions

There were no dead bird submissions for the month of June.

Sentinel Chicken Flocks

The District maintains five sentinel chicken flocks located at the Carpinteria Sanitary District, Goleta Sanitary District, U.S. Forest Service Ranger Station on Paradise Road, Solvang City Wastewater Treatment Plant, and the Mission Hills Community Services District.

The five chicken flocks were sampled twice and samples submitted to test for the presence of WNV and other mosquito-borne viruses. No mosquito-borne viruses were detected.