

Mosquito Species Commonly Found In Ventura County

Culex tarsalis

Common Name Western encephalitis mosquito

Larval Habitat Agricultural, commercial, man-made or natural sources

Hosts Birds, mammals; humans

Time of Day Night

Flight Range 10-15 miles

Medical Importance Primary or secondary WNV vector, principal SLE and WEE vector

Population Density High

Culex quinquefasciatus

Common Name Southern house mosquito, northern house mosquito

Larval Habitat Polluted water; residential and commercial sources

Hosts Birds, humans

Time of Day Night

Flight Range <1 mile

Medical Importance Primary WNV vector, primary or secondary SLE vector

Population Density High

Culex stigmatosoma

Common Name Banded foul water mosquito

Larval Habitat Polluted water; residential and commercial sources

Hosts Birds, humans

Time of Day Night

Flight range <10 miles

Medical Importance Secondary SLE vector

Population Density High

Culex erythrorhax

Common Name Tule mosquito

Larval Habitat Ponds, lakes and marshes with tules and cattails

Hosts Birds, humans

Time of Day Dusk and day (shaded areas)

Flight Range <2 miles

Medical Importance Potential WNV maintenance vector, localized pest

Population Density Medium

Culiseta incidens

Common Name Cool weather mosquito

Larval Habitat Shaded, clear, natural or man-made sources

Hosts Large mammals; humans
Time of Day Night
Flight Range <5 miles
Medical Importance Localized pest
Population Density Medium

Culiseta inornata

Common Name Large winter mosquito
Larval Habitat Sunlit ground pools or man-made sources
Hosts Large mammals; humans
Time of Day Night
Flight Range <5 miles
Medical Importance Localized pest
Population Density High

Culiseta particeps

Common Name None
Hosts Unknown, probably large mammals
Time of Day Night
Flight Range Unknown
Medical Importance No known significance
Population Density Low

Anopheles franciscanus

Larval Habitat Shallow, sunlit pools with algae
Hosts Large mammals
Time of Day Dusk and dawn
Flight Range <1 mile
Medical Importance Occasional pest
Population Density Medium

Anopheles freeborni

Common Name Western malaria mosquito
Larval Habitat Clear sunlit seepages with algae
Hosts Large mammals; humans
Time of Day Dusk and dawn
Flight Range 10 miles
Medical Importance Malaria vector
Population Density Medium

Aedes aegypti

Common Name Yellow fever mosquito
Larval Habitat Small artificial or natural container that holds water
Host Humans
Time of Day all day and night, less active during peak heat and cool periods
Flight Range 100 meters

Medical Importance Capable of transmitting dengue, Zika, chikungunya, and yellow fever
Population Density Medium to High in infested areas

Aedes taeniorhynchus

Common Name Black salt marsh mosquito
Larval Habitat Coastal salt marshes; inland alkaline areas
Hosts Large mammals; humans
Time of Day Day and Dusk
Flight Range >10 miles
Medical Importance Localized pest
Population Density Medium

Aedes sierrensis

Common Name Western tree hole mosquito
Larval Habitat Tree holes, tires; man-made containers
Hosts Small mammals; humans
Time of Day Dusk and day
Flight Range <1 mile
Medical Importance Dog heartworm vector
Population Density Medium

Aedes dorsalis

Larval Habitat Coastal salt marshes; inland alkaline areas
Hosts Large mammals; humans
Time of Day Day and night
Flight Range <10 miles
Medical Importance Secondary California Encephalitis and Western Equine Encephalitis vector; localized pest
Population Density Rare

Aedes squamiger

Common Name California salt marsh mosquito
Hosts Humans
Time of Day Day and dusk
Flight Range 10-20 miles
Medical Importance Localized pest; possible California Encephalitis like virus vector
Population Density Rare

Aedes nigromaculis

Common Name Irrigated pasture mosquito
Hosts Large mammals; humans
Time of Day Dusk and day
Flight Range <20 miles
Medical Importance Major pest