

Adult Mosquito Occurrence Report - Carbon Dioxide Traps

SOURCE: State of California, Department of Public Health, Vector-Borne Disease Section

For surveillance week 33 ending 8/19/2017

| | <u>URBAN</u> | | | | | | | | | <u>SUBURBAN</u> | | | | | | | | | <u>RURAL</u> | | | | | | | | | |
|---|--------------|------|------|-----|-----|-----|-----|-----|-----|-----------------|-------|------|------|-----|-----|-----|-----|-----|--------------|-------|-------|------|------|-----|------|------|-----|-----|
| | TRAPS | Ct | CP | CX | AN | AE | CS | PS | O | TRAPS | Ct | CP | CX | AN | AE | CS | PS | O | TRAPS | Ct | CP | CX | AN | AE | CS | PS | O | |
| Coastal | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alameda County MAD | 20 | 1.0 | 0.3 | 0.0 | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6 | 6.2 | 1.3 | 0.8 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Alameda County VCSD | 11 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | | | | | | | | | | 27 | 1.1 | 0.3 | 34.9 | 0.1 | 0.6 | 1.0 | 0.0 | 0.0 | |
| Contra Costa MVCD | 3 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14 | 32.1 | 16.4 | 0.1 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 6 | 6.2 | 1.3 | 0.8 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | |
| Marin-Sonoma MVCD | | | | | | | | | | 8 | 0.5 | 0.1 | 1.4 | 0.1 | 0.0 | 2.9 | 0.0 | 0.0 | 27 | 1.1 | 0.3 | 34.9 | 0.1 | 0.6 | 1.0 | 0.0 | 0.0 | |
| San Benito County Vector Control Program | 4 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 7 | 0.1 | 0.3 | 0.0 | 0.1 | 0.0 | 0.9 | 0.0 | 0.0 | 7 | 2.1 | 0.1 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | |
| San Mateo County MVCD | 9 | 0.1 | 8.4 | 0.0 | 0.1 | 0.1 | 1.6 | 0.0 | 0.0 | 2 | 0.0 | 3.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Santa Clara County VCD | | | | | | | | | | 13 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | | | | | | | | | | |
| Santa Cruz County MVCD | 8 | 0.6 | 3.5 | 0.0 | 0.1 | 0.0 | 2.5 | 0.0 | 0.0 | 14 | 1.9 | 0.8 | 37.9 | 1.2 | 0.0 | 0.9 | 0.0 | 0.0 | 14 | 1.7 | 1.9 | 19.2 | 0.4 | 0.0 | 3.9 | 0.0 | 0.0 | |
| Northern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Merced County MAD | 1 | 5.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12 | 3.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 4.3 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| San Joaquin County MVCD | 20 | 10.1 | 5.8 | 0.0 | 0.1 | 0.1 | 2.4 | 0.0 | 0.0 | 6 | 1.2 | 2.3 | 0.0 | 0.2 | 0.0 | 0.8 | 0.0 | 0.0 | 42 | 15.7 | 11.0 | 0.3 | 1.0 | 1.0 | 0.1 | 0.0 | 0.0 | |
| Turlock MAD | 12 | 0.8 | 86.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 16.3 | 26.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 27.7 | 10.2 | 0.0 | 0.4 | 1.3 | 0.0 | 0.0 | 0.0 | |
| Sacramento Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lake County VCD | | | | | | | | | | 5 | 11.0 | 0.0 | 0.6 | 5.4 | 0.0 | 0.0 | 0.0 | 0.0 | 15 | 53.8 | 0.0 | 2.0 | 39.0 | 0.9 | 1.5 | 0.0 | 0.0 | |
| Placer MVCD | 1 | 8.0 | 24.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20 | 3.4 | 9.1 | 1.4 | 0.2 | 0.3 | 0.7 | 0.0 | 0.0 | 23 | 25.7 | 0.7 | 1.3 | 9.1 | 0.9 | 0.1 | 0.0 | 7.9 | |
| Sacramento-Yolo MVCD | | | | | | | | | | 105 | 12.9 | 8.0 | 0.1 | 0.5 | 0.4 | 1.4 | 0.0 | 0.0 | 75 | 91.0 | 10.3 | 0.9 | 22.2 | 0.6 | 0.1 | 0.0 | 0.0 | |
| Shasta MVCD | | | | | | | | | | 16 | 3.2 | 8.2 | 0.1 | 1.6 | 0.0 | 0.6 | 0.0 | 0.1 | 34 | 6.9 | 15.0 | 0.6 | 2.2 | 0.4 | 0.1 | 0.0 | 0.1 | |
| Sutter-Yuba MVCD | | | | | | | | | | 13 | 45.4 | 3.8 | 0.0 | 0.5 | 0.0 | 0.1 | 0.0 | 0.0 | 9 | 157.7 | 3.6 | 0.0 | 34.0 | 0.1 | 0.1 | 0.0 | 0.0 | |
| Southern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consolidated MAD | 14 | 0.1 | 2.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 0.1 | 5.7 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 7.1 | 13.2 | 0.6 | 0.2 | 0.3 | 0.0 | 0.0 | 0.0 | |
| Delano MAD | | | | | | | | | | 1176.0 | 582.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 117.6 | 656.0 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Delta VCD | | | | | | | | | | | | | | | | | | | 4 | 59.0 | 24.8 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Fresno MVCD | 9 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7 | 4.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5 | 8.2 | 0.8 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Fresno Westside MAD | | | | | | | | | | 6 | 0.5 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 29.2 | 4.0 | 0.0 | 1.0 | 0.3 | 0.0 | 0.0 | 0.0 | |
| Kern MVCD | 21 | 1.3 | 8.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14 | 61.0 | 17.0 | 0.0 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 50 | 63.5 | 66.8 | 0.0 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | |
| Kings Mosquito Abatement District | | | | | | | | | | | | | | | | | | | 13 | 51.2 | 8.2 | 0.2 | 0.5 | 5.7 | 0.0 | 0.0 | 0.0 | |
| Madera County MVCD | 1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 6.7 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24 | 23.8 | 75.0 | 0.0 | 0.1 | 3.3 | 0.0 | 0.0 | 0.0 | |
| Tulare MAD | | | | | | | | | | | | | | | | | | | 5 | 63.2 | 5.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Southern California | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Antelope Valley MVCD | 2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | |
| Coachella Valley MVCD | | | | | | | | | | 50 | 0.2 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 33 | 3.2 | 36.7 | 0.2 | 0.0 | 0.0 | 0.0 | 26.9 | 0.0 | |
| Greater LA County VCD | 61 | 0.8 | 9.9 | 1.3 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| Long Beach VCP | 2 | 0.0 | 9.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | |
| Los Angeles County West VCD | 12 | 0.2 | 15.1 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 45 | 2.7 | 2.4 | 0.6 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | |
| Mosquito & Vector Management District of Santa Barbara County | 11 | 0.1 | 27.3 | 2.4 | 0.3 | 0.0 | 0.5 | 0.0 | 0.0 | 4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 4.3 | 0.0 | 0.0 | 4 | 0.0 | 0.0 | 3.3 | 1.8 | 0.0 | 24.8 | 0.0 | 0.0 | |

Female mosquitoes per trap night = # mosquitoes/(# traps x # nights) Note: New agencies will be added as reports are received NR = No report at time of publication

Ct=Culex tarsalis CP= Culex pipiens/quinqüefasciatus CX=Other Culex AN=Anopheles AE=Aedes CS=Culiseta PS=Psorophora O=Other

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|----|-----|------|-----|-----|-----|-----|-----|-----|----|------|-----|-------|-----|-----|-----|-----|-----|----|------|------|------|-----|-----|-----|-----|-----|
| Northwest Mosquito and Vector Control | 5 | 0.2 | 6.8 | 3.0 | 1.0 | 2.2 | 0.0 | 0.0 | 0.0 | 70 | 3.5 | 6.8 | 50.5 | 1.1 | 0.0 | 0.3 | 0.0 | 0.0 | 14 | 4.4 | 3.8 | 18.1 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Orange County VCD | 33 | 0.0 | 4.4 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 26 | 0.9 | 0.3 | 30.3 | 2.0 | 0.2 | 1.4 | 0.0 | 0.0 | | | | | | | | | |
| Owens Valley MAP | | | | | | | | | | 3 | 18.3 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 5 | 44.6 | 0.0 | 0.0 | 0.2 | 8.4 | 0.0 | 0.0 | 0.0 |
| San Bernardino County MVCP | 24 | 0.3 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18 | 0.4 | 0.0 | 2.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 12 | 0.6 | 0.2 | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| San Diego Co VCP | 1 | 3.0 | 1.0 | 2.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 11 | 1.2 | 0.0 | 206.5 | 0.7 | 4.1 | 0.7 | 0.0 | 0.0 | 1 | 2.0 | 0.0 | 5.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 |
| San Gabriel Valley MVCD | 6 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | | | | | | | | | |
| West Valley MVCD | 26 | 0.3 | 13.2 | 1.8 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 6 | 0.0 | 6.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 4 | 3.8 | 11.8 | 29.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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Ct=Culex tarsalis CP= Culex pipiens/quinqüefasciatus CX=Other Culex AN=Anopheles AE=Aedes CS=Culiseta PS=Psorophora O=Other