

Adult Mosquito Occurrence Report - Carbon Dioxide Traps

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

For surveillance week 35 ending 9/1/2018

| | <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 | 22 | 0.7 | 1.5 | 0.5 | 0.0 | 1.1 | 0.5 | 0.0 | 0.0 | 24 | 1.9 | 3.4 | 0.2 | 0.5 | 0.1 | 1.0 | 0.0 | 0.0 | 10 | 1.1 | 0.6 | 10.7 | 0.8 | 1.2 | 0.0 | 0.0 | 0.0 |
| Contra Costa MVCD | 3 | 0.0 | 1.3 | 0.0 | 1.3 | 0.0 | 0.3 | 0.0 | 0.0 | 12 | 68.8 | 2.3 | 0.0 | 0.0 | 27.8 | 0.3 | 0.0 | 0.0 | 6 | 11.8 | 3.8 | 4.5 | 0.3 | 3.5 | 0.3 | 0.0 | 0.0 |
| Marin-Sonoma MVCD | | | | | | | | | | 8 | 0.4 | 1.0 | 1.9 | 3.8 | 1.0 | 2.3 | 0.0 | 0.0 | 33 | 0.6 | 0.2 | 45.5 | 0.0 | 28.5 | 0.2 | 0.0 | 0.0 |
| Napa County MAD | | | | | | | | | | 2 | 2.5 | 20.5 | 0.5 | 0.0 | 30.5 | 2.0 | 0.0 | 0.0 | 7 | 5.3 | 0.0 | 0.3 | 0.0 | 100.6 | 2.0 | 0.0 | 0.0 |
| North Salinas Valley MAD | | | | | | | | | | 1 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | |
| San Benito County Vector Control Program | 4 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 8 | 4.6 | 8.3 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| San Mateo County MVCD | 47 | 0.0 | 2.8 | 0.2 | 0.0 | 0.4 | 2.6 | 0.0 | 0.0 | 9 | 0.1 | 3.4 | 62.0 | 0.2 | 1.9 | 3.2 | 0.0 | 0.0 | 3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| Santa Clara County VCD | | | | | | | | | | 19 | 0.8 | 5.7 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | | | | | | | | | |
| Santa Cruz County MVCD | 12 | 0.5 | 23.1 | 4.8 | 0.1 | 0.1 | 4.1 | 0.0 | 0.0 | 11 | 0.1 | 1.3 | 14.8 | 3.5 | 0.2 | 2.4 | 0.0 | 0.0 | 11 | 3.0 | 0.5 | 9.0 | 0.6 | 0.4 | 0.8 | 0.0 | 0.0 |
| Northern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Merced County MAD | 2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 15 | 1.5 | 5.8 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 12 | 6.9 | 12.0 | 0.0 | 0.2 | 0.3 | 0.0 | 0.0 | 0.0 |
| San Joaquin County MVCD | 22 | 74.7 | 18.5 | 15.8 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 8 | 1.8 | 3.8 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 42 | 23.9 | 14.8 | 0.1 | 0.1 | 44.5 | 0.1 | 0.0 | 0.0 |
| Turlock MAD | 13 | 8.3 | 19.3 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 9 | 12.3 | 97.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 54.6 | 116.2 | 0.0 | 1.1 | 26.9 | 0.1 | 0.0 | 0.0 |
| Sacramento Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lake County VCD | | | | | | | | | | 3 | 5.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.3 | 0.0 | 0.0 | 16 | 20.8 | 0.0 | 0.2 | 11.8 | 0.2 | 1.1 | 0.0 | 0.0 |
| Placer MVCD | 8 | 13.9 | 10.0 | 2.3 | 0.3 | 0.0 | 0.4 | 0.0 | 0.0 | 28 | 7.7 | 11.2 | 1.4 | 1.1 | 0.0 | 1.0 | 0.0 | 0.0 | 23 | 69.2 | 2.7 | 2.7 | 28.1 | 1.3 | 0.0 | 0.0 | 0.4 |
| Sacramento-Yolo MVCD | | | | | | | | | | 49 | 9.8 | 8.2 | 0.6 | 1.1 | 0.0 | 1.7 | 0.0 | 0.0 | 34 | 151.3 | 61.1 | 2.4 | 53.7 | 1.7 | 0.2 | 0.0 | 0.0 |
| Shasta MVCD | | | | | | | | | | 14 | 3.6 | 6.9 | 0.1 | 2.1 | 0.0 | 2.1 | 0.0 | 0.0 | 46 | 10.5 | 6.5 | 0.5 | 5.4 | 0.2 | 0.2 | 0.0 | 0.2 |
| Sutter-Yuba MVCD | | | | | | | | | | 10 | 17.4 | 0.8 | 0.0 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 7 | 37.9 | 0.4 | 0.0 | 11.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| Southern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consolidated MAD | 1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8 | 1.9 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 0.9 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Delano MAD | | | | | | | | | | | | | | | | | | | 10 | 167.5 | 345.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Delta VCD | | | | | | | | | | 2 | 4.0 | 64.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15 | 24.9 | 14.9 | 7.6 | 2.6 | 1.9 | 0.0 | 0.0 | 0.0 |
| Fresno MVCD | 3 | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10 | 3.4 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fresno Westside MAD | | | | | | | | | | 7 | 6.0 | 15.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 63.8 | 36.0 | 0.0 | 0.6 | 0.6 | 0.0 | 0.0 | 0.0 |
| Kern MVCD | 23 | 9.5 | 15.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 380.5 | 76.4 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 49 | 147.0 | 59.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kings MAD | | | | | | | | | | 1 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 28.0 | 3.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| Madera County MVCD | 4 | 0.8 | 17.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5 | 30.0 | 148.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18 | 92.4 | 71.9 | 0.0 | 1.3 | 0.2 | 0.0 | 0.0 | 0.0 |
| Tulare MAD | 5 | 0.0 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | |
| Southern California | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City of Moorpark/VC | | | | | | | | | | 4 | 0.0 | 0.3 | 0.5 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | | | | | | | | | |
| Coachella Valley MVCD | | | | | | | | | | 56 | 0.3 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 31 | 25.6 | 18.4 | 7.2 | 0.3 | 4.9 | 0.0 | 13.0 | 0.0 |
| Riverside Co. EHD | 5 | 15.8 | 4.2 | 0.4 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 11 | 0.8 | 0.7 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Greater LA County VCD | 70 | 0.2 | 5.3 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 2 | 0.0 | 2.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Long Beach Vector Control Progr | 3 | 0.0 | 4.7 | 1.7 | 0.0 | 0.0 | 0.0 | 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|-----|------|-----|-----|-----|-----|-----|-----|----|-----|-----|------|-----|-----|-----|-----|-----|----|------|------|------|-----|-----|-----|-----|
| Los Angeles West Vector and Vector-borne Disease Control District | 15 | 0.2 | 9.8 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 49 | 0.7 | 1.3 | 1.8 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 3 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Northwest Mosquito and Vector Control | 8 | 1.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 46 | 8.6 | 8.2 | 15.2 | 4.3 | 0.0 | 0.1 | 0.0 | 0.0 | 16 | 9.9 | 3.6 | 17.3 | 0.1 | 0.0 | 0.0 | 0.0 |
| Orange County Mosquito and Vector Control District | 38 | 0.3 | 2.6 | 0.5 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 25 | 8.3 | 0.2 | 8.7 | 0.7 | 0.3 | 0.4 | 0.0 | 0.0 | 4 | 0.8 | 0.0 | 45.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| Owens Valley MAP | | | | | | | | | | 3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6 | 20.0 | 0.0 | 0.0 | 0.2 | 6.0 | 0.0 | 0.0 |
| San Bernardino County MVC | 42 | 0.9 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12 | 0.1 | 2.2 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12 | 0.8 | 1.2 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| San Diego County Dept. of Environmental Health Vector Control | 2 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20 | 2.3 | 0.0 | 9.2 | 2.9 | 7.1 | 0.8 | 0.0 | 0.0 | 2 | 0.0 | 0.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 |
| West Valley MVCD | 13 | 0.8 | 45.7 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5 | 0.6 | 9.0 | 2.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 5.0 | 16.8 | 0.8 | 2.3 | 0.0 | 0.0 | 0.0 |

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