

Adult Mosquito Occurrence Report - Carbon Dioxide Traps

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

For surveillance week 30 ending 7/28/2018

| | <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 | 40 | 3.7 | 0.5 | 56.6 | 0.0 | 0.7 | 0.7 | 0.0 | 0.0 | 22 | 14.2 | 0.0 | 67.0 | 0.0 | 13.0 | 0.8 | 0.0 | 0.0 | 4 | 2.8 | 0.0 | 6.0 | 0.0 | 13.0 | 1.0 | 0.0 | 0.0 |
| Alameda County VCSD | 13 | 0.2 | 0.8 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | |
| Contra Costa MVCD | 3 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 11 | 123.1 | 3.5 | 1.4 | 0.0 | 11.6 | 0.6 | 0.0 | 0.0 | 6 | 8.0 | 1.8 | 2.5 | 0.0 | 3.8 | 0.2 | 0.0 | 0.0 |
| Marin-Sonoma MVCD | | | | | | | | | | 8 | 0.9 | 0.8 | 2.9 | 0.0 | 2.1 | 3.5 | 0.0 | 0.0 | 26 | 2.8 | 0.2 | 93.6 | 0.5 | 6.8 | 1.0 | 0.0 | 0.0 |
| Napa County MAD | | | | | | | | | | 2 | 2.0 | 6.5 | 0.0 | 0.0 | 85.5 | 0.0 | 0.0 | 0.0 | 6 | 10.0 | 0.7 | 5.3 | 1.5 | 78.8 | 1.8 | 0.0 | 0.0 |
| San Benito County Vector Control Program | 4 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 6 | 0.3 | 0.0 | 0.0 | 0.2 | 0.0 | 1.0 | 0.0 | 0.0 | 8 | 4.0 | 0.3 | 0.0 | 0.9 | 0.0 | 1.8 | 0.0 | 0.0 |
| San Mateo County MVCD | 16 | 0.4 | 12.3 | 0.1 | 0.3 | 0.3 | 0.9 | 0.0 | 0.0 | 5 | 0.4 | 2.2 | 91.6 | 2.2 | 0.2 | 1.2 | 0.0 | 0.0 | 2 | 1.0 | 2.0 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 |
| Santa Clara County VCD | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52 | 0.3 | 1.9 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | | | | | | | | | |
| Santa Cruz County MVCD | 18 | 3.6 | 3.6 | 14.4 | 0.3 | 0.1 | 5.7 | 0.0 | 0.0 | 7 | 1.1 | 4.3 | 5.3 | 0.3 | 0.0 | 1.7 | 0.0 | 0.0 | 6 | 2.2 | 0.5 | 11.5 | 0.8 | 0.5 | 2.7 | 0.0 | 0.0 |
| Solano County MAD | 2 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 0.3 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Northern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Merced County MAD | 2 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 7.8 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 13.9 | 20.6 | 0.0 | 2.2 | 3.3 | 0.0 | 0.0 | 0.0 |
| San Joaquin County MVCD | 22 | 33.9 | 7.0 | 0.0 | 0.1 | 0.1 | 3.2 | 0.0 | 0.0 | 8 | 5.5 | 3.4 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 42 | 34.1 | 10.1 | 0.3 | 0.1 | 13.4 | 0.1 | 0.0 | 0.0 |
| Turlock MAD | 16 | 2.2 | 7.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5 | 36.6 | 132.4 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 27 | 101.9 | 44.0 | 0.0 | 0.8 | 13.8 | 0.0 | 0.0 | 0.0 |
| Sacramento Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lake County VCD | | | | | | | | | | | | | | | | | | | 12 | 162.3 | 0.0 | 0.5 | 26.8 | 13.3 | 0.4 | 0.0 | 1.0 |
| Placer MVCD | 5 | 5.0 | 3.2 | 0.4 | 0.6 | 1.8 | 0.4 | 0.0 | 0.0 | 23 | 16.3 | 15.5 | 1.4 | 0.4 | 1.2 | 2.0 | 0.0 | 0.0 | 23 | 155.7 | 0.9 | 0.3 | 4.2 | 2.3 | 0.2 | 0.0 | 0.9 |
| Sacramento-Yolo MVCD | | | | | | | | | | 49 | 24.6 | 4.9 | 1.2 | 0.1 | 0.0 | 2.0 | 0.0 | 0.0 | 35 | 98.3 | 21.2 | 0.8 | 7.3 | 0.9 | 0.3 | 0.0 | 0.0 |
| Shasta MVCD | | | | | | | | | | 15 | 10.3 | 9.0 | 0.7 | 1.5 | 0.1 | 2.6 | 0.0 | 0.2 | 46 | 12.7 | 12.3 | 0.8 | 1.8 | 0.5 | 0.4 | 0.0 | 0.1 |
| Sutter-Yuba MVCD | | | | | | | | | | 9 | 119.1 | 2.3 | 0.0 | 1.0 | 0.0 | 0.4 | 0.0 | 0.0 | 7 | 126.9 | 2.3 | 0.0 | 23.4 | 4.9 | 0.0 | 0.0 | 0.0 |
| Southern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consolidated MAD | 2 | 5.5 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12 | 2.2 | 5.0 | 0.8 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 6 | 16.8 | 237.2 | 1.7 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 |
| Delano MAD | | | | | | | | | | 1 | 288.0 | 368.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 34.4 | 296.7 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Delta VCD | 2 | 3.5 | 75.5 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | 14 | 76.3 | 124.5 | 46.4 | 18.1 | 0.9 | 0.1 | 0.0 | 0.0 |
| Fresno MVCD | 12 | 0.9 | 1.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 18 | 0.1 | 0.6 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 15 | 0.7 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fresno Westside MAD | | | | | | | | | | 5 | 7.6 | 4.4 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 18 | 120.3 | 10.2 | 0.5 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 |
| Kern MVCD | 23 | 1.6 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 7.9 | 11.3 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 50 | 30.6 | 35.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kings MAD | | | | | | | | | | | | | | | | | | | 10 | 23.4 | 3.3 | 0.7 | 0.5 | 1.9 | 0.0 | 0.0 | 0.0 |
| Madera County MVCD | 4 | 2.0 | 8.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 26.3 | 51.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 31.1 | 83.6 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| Tulare MAD | | | | | | | | | | 5 | 186.8 | 56.8 | 0.0 | 0.0 | 529.6 | 0.0 | 0.0 | 0.0 | | | | | | | | | |
| West Side MVCD | | | | | | | | | | | | | | | | | | | 6 | 275.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Southern California | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Antelope Valley MVCD | 1 | 32.0 | 9.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 3.0 | 3.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | |
| Coachella Valley MVCD | | | | | | | | | | 49 | 0.1 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 35 | 32.2 | 15.8 | 1.0 | 0.3 | 8.9 | 0.0 | 7.3 | 0.0 |
| Riverside Co. EHD | 2 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 2.3 | 0.9 | 28.2 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 10 | 37.6 | 2.3 | 1.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Greater LA County VCD | 55 | 0.3 | 5.3 | 0.7 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 1 | 1.0 | 15.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 0.0 | 7.0 | 0.0 | 0.0 | 0.0 | 2.0 | 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|------|------|-------|-----|-----|-----|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|-----|-----|-----|------|------|-------|-----|-------|-----|-----|-----|
| Long Beach Vector Control Progra | 4 | 0.0 | 9.5 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Los Angeles West Vector and Vector-borne Disease Control District | 9 | 0.0 | 19.6 | 0.3 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 46 | 2.6 | 4.0 | 4.4 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Northwest Mosquito and Vector Control | 7 | 20.1 | 7.9 | 1.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 33 | 6.9 | 7.1 | 167.7 | 9.7 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 6 | 4.7 | 3.0 | 127.8 | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| Orange County Mosquito and Vec Control District | 35 | 0.2 | 10.1 | 4.6 | 2.0 | 0.1 | 0.1 | 0.0 | 0.0 | 28 | 1.3 | 0.4 | 24.5 | 1.5 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 4 | 0.8 | 1.3 | 41.8 | 1.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| Owens Valley MAP | | | | | | | | | | | | | | | | | | | | 6 | 4.3 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | |
| San Bernardino County MVC | 30 | 0.2 | 2.9 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36 | 0.3 | 0.7 | 0.7 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 18 | 0.2 | 1.2 | 0.5 | 0.2 | 0.0 | 0.3 | 0.0 | 0.0 |
| San Diego County Dept. of Environmental Health Vector Control | 2 | 4.5 | 0.0 | 161.0 | 2.0 | 0.0 | 0.5 | 0.0 | 0.0 | 7 | 0.0 | 0.0 | 366.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 247.0 | 0.0 | 0.0 | 0.0 |
| West Valley MVCD | 17 | 2.7 | 40.3 | 1.8 | 0.3 | 0.0 | 0.4 | 0.0 | 0.0 | 6 | 5.3 | 18.3 | 2.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 82.0 | 48.8 | 127.8 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 |

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