

Adult Mosquito Occurrence Report - Carbon Dioxide Traps

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

For surveillance week 20 ending 5/20/2017

| | <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 | 4 | 2.3 | 5.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 15 | 5.2 | 7.0 | 0.1 | 0.1 | 0.1 | 0.3 | 0.0 | 0.0 | 5 | 28.0 | 0.2 | 51.6 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | | | |
| Contra Costa MVCD | 3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14 | 18.5 | 5.6 | 0.1 | 0.1 | 2.1 | 0.5 | 0.0 | 0.0 | 6 | 5.0 | 3.3 | 1.3 | 0.0 | 1.8 | 1.2 | 0.0 | 0.0 | | | |
| Marin-Sonoma MVCD | 1 | 5.0 | 1.0 | 0.0 | 1.0 | 14.0 | 6.0 | 0.0 | 0.0 | 8 | 0.4 | 0.0 | 1.0 | 0.0 | 0.5 | 6.0 | 0.0 | 0.0 | 26 | 17.1 | 1.3 | 3.7 | 0.1 | 2.2 | 1.6 | 0.0 | 0.0 | | | |
| North Salinas Valley MAD | | | | | | | | | | | | | | | | | | | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | | | |
| San Benito County Vector Control Program | 4 | 0.5 | 0.0 | 0.0 | 3.8 | 0.0 | 4.5 | 0.0 | 0.0 | 7 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 5.4 | 0.0 | 0.0 | 10 | 0.4 | 0.0 | 0.0 | 0.3 | 0.3 | 0.5 | 0.0 | 0.0 | | | |
| San Mateo County MVCD | 9 | 0.0 | 12.6 | 0.0 | 0.0 | 0.2 | 1.0 | 0.0 | 0.0 | 10 | 8.7 | 4.7 | 0.0 | 0.0 | 0.6 | 0.6 | 0.0 | 0.0 | 4 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.3 | 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 | 10 | 0.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | | | |
| Santa Cruz County MVCD | 8 | 0.3 | 0.6 | 0.0 | 0.0 | 0.5 | 2.3 | 0.0 | 0.0 | 14 | 0.1 | 1.1 | 3.5 | 0.1 | 0.4 | 3.6 | 0.0 | 0.0 | 16 | 0.4 | 0.7 | 0.7 | 0.0 | 2.3 | 4.1 | 0.0 | 0.0 | | | |
| Northern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Merced County MAD | 4 | 3.0 | 3.8 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 6 | 3.3 | 5.0 | 0.0 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | | | | | | | | | | | | |
| San Joaquin County MVCD | 23 | 73.3 | 13.3 | 0.0 | 0.0 | 0.0 | 8.8 | 0.0 | 0.0 | 7 | 15.9 | 7.6 | 0.0 | 0.1 | 0.0 | 5.6 | 0.0 | 0.0 | 38 | 51.4 | 26.1 | 1.1 | 0.4 | 2.0 | 5.3 | 0.0 | 0.0 | | | |
| Turlock MAD | 15 | 5.0 | 22.3 | 0.0 | 0.1 | 0.0 | 2.7 | 0.0 | 0.0 | 6 | 9.3 | 33.7 | 0.0 | 0.0 | 0.0 | 3.2 | 0.0 | 0.0 | 12 | 8.3 | 9.8 | 0.0 | 0.2 | 0.3 | 0.3 | 0.0 | 0.0 | | | |
| Sacramento Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lake County VCD | | | | | | | | | | 1 | 1.0 | 0.0 | 0.0 | 3.0 | 421.0 | 1.0 | 0.0 | 0.0 | 10 | 0.4 | 0.0 | 0.0 | 0.1 | 509.7 | 0.2 | 0.0 | 0.0 | | | |
| Placer MVCD | 1 | 0.0 | 3.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 0.7 | 1.7 | 0.1 | 0.3 | 1.3 | 1.5 | 0.0 | 0.0 | 18 | 0.5 | 0.2 | 0.0 | 0.1 | 4.7 | 0.2 | 0.0 | 0.0 | | | |
| Sacramento-Yolo MVCD | | | | | | | | | | 81 | 2.4 | 11.7 | 0.2 | 0.7 | 0.2 | 6.6 | 0.0 | 0.0 | 58 | 6.7 | 20.9 | 0.2 | 2.0 | 2.7 | 7.0 | 0.0 | 0.0 | | | |
| Shasta MVCD | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 1.0 | 0.0 | 0.0 | 22 | 0.4 | 1.0 | 0.0 | 0.5 | 3.9 | 1.0 | 0.0 | 1.6 | 28 | 0.7 | 0.6 | 0.0 | 0.3 | 4.6 | 0.6 | 0.0 | 0.2 | | | |
| Southern San Joaquin Valley | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consolidated MAD | 7 | 1.7 | 12.0 | 0.3 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 7 | 2.1 | 18.7 | 0.6 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 17 | 7.8 | 1.8 | 0.4 | 0.7 | 0.1 | 1.1 | 0.0 | 0.0 | | | |
| Delano MAD | | | | | | | | | | 1 | 4.0 | 22.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9 | 7.9 | 15.8 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Delta VCD | 2 | 1.0 | 13.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 3.0 | 111.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12 | 5.9 | 24.3 | 1.4 | 0.6 | 0.0 | 0.4 | 0.0 | 0.0 | | | |
| Fresno MVCD | 10 | 1.1 | 6.5 | 0.0 | 0.0 | 0.0 | 3.9 | 0.0 | 0.0 | 9 | 0.3 | 1.4 | 0.0 | 0.3 | 0.0 | 0.9 | 0.0 | 0.0 | 8 | 1.3 | 0.3 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Fresno Westside MAD | | | | | | | | | | 5 | 4.6 | 2.4 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 18 | 23.4 | 4.1 | 0.0 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | | | |
| Kern MVCD | 21 | 14.8 | 15.8 | 0.0 | 0.0 | 0.0 | 3.2 | 0.0 | 0.0 | 17 | 58.1 | 5.8 | 0.0 | 1.0 | 0.0 | 0.6 | 0.0 | 0.0 | 49 | 89.9 | 7.9 | 0.0 | 1.2 | 9.2 | 0.2 | 0.0 | 0.0 | | | |
| Kings Mosquito Abatement District | | | | | | | | | | | | | | | | | | | 10 | 536.2 | 4.9 | 1.7 | 0.8 | 0.1 | 0.3 | 0.0 | 0.0 | | | |
| Madera County MVCD | 1 | 1.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33 | 2.2 | 12.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Tulare MAD | 1 | 5.0 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 7.3 | 9.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5 | 16.6 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Southern California | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Antelope Valley MVCD | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 0.3 | 0.0 | 0.0 | 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 | | | |
| Coachella Valley MVCD | | | | | | | | | | 48 | 0.3 | 5.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29 | 12.8 | 76.2 | 10.9 | 0.1 | 0.0 | 0.3 | 0.0 | 0.0 | | | |
| Greater LA County VCD | 39 | 0.4 | 8.7 | 1.1 | 0.1 | 0.0 | 3.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | | |
| Los Angeles County West VCD | 7 | 0.0 | 2.6 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 41 | 1.4 | 1.2 | 12.5 | 0.0 | 0.0 | 2.8 | 0.0 | 0.0 | | | | | | | | | | | | |
| Northwest Mosquito and Vector Control | 3 | 2.7 | 10.3 | 0.3 | 0.3 | 3.7 | 0.7 | 0.0 | 0.0 | 67 | 10.7 | 5.9 | 122.2 | 1.4 | 0.0 | 6.5 | 0.0 | 0.0 | 14 | 14.7 | 2.0 | 168.5 | 20.5 | 0.1 | 1.1 | 0.0 | 0.0 | | | |
| Orange County VCD | 14 | 3.5 | 11.6 | 7.2 | 0.9 | 0.0 | 0.9 | 0.0 | 0.0 | 25 | 8.6 | 1.7 | 173.0 | 15.6 | 3.8 | 6.8 | 0.0 | 0.0 | | | | | | | | | | | | |
| Owens Valley MAP | | | | | | | | | | | | | | | | | | | 4 | 0.3 | 0.0 | 3.5 | 1.5 | 0.0 | 14.3 | 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|----|-----|------|-----|-----|-----|-----|-----|-----|----|-----|-----|-------|-----|-----|-----|-----|-----|----|-----|------|------|-----|-----|-----|-----|-----|
| San Bernardino County MVCP | 6 | 0.5 | 1.5 | 2.8 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 24 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 3.3 | 0.0 | 0.0 | 36 | 0.5 | 0.4 | 1.6 | 0.1 | 0.0 | 2.0 | 0.0 | 0.0 |
| San Diego Co VCP | 2 | 6.0 | 0.0 | 4.0 | 0.5 | 1.5 | 0.0 | 0.0 | 0.0 | 6 | 0.2 | 0.2 | 75.0 | 0.8 | 0.0 | 3.7 | 0.0 | 0.0 | 1 | 4.0 | 0.0 | 1.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 |
| San Gabriel Valley MVCD | | | | | | | | | | 6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | | | | | | | | | |
| West Valley MVCD | 23 | 0.3 | 19.0 | 7.7 | 0.1 | 0.0 | 1.6 | 0.0 | 0.0 | 1 | 3.0 | 8.0 | 124.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 9.0 | 13.3 | 71.8 | 8.3 | 0.0 | 0.3 | 0.0 | 0.0 |

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