

**Adult Mosquito Occurrence Report - Carbon Dioxide Traps**

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

For surveillance week 36 ending 9/10/2016

|   | <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   |
| <b>Coastal</b>                                      |              |      |      |      |     |     |     |     |     |                 |       |       |      |     |     |     |     |     |              |       |       |      |      |      |     |      |     |
| Alameda County MAD                                  | 13           | 2.4  | 1.4  | 0.0  | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 8               | 7.9   | 1.3   | 0.0  | 0.1 | 0.0 | 0.8 | 0.0 | 0.0 | 5            | 50.8  | 0.0   | 0.0  | 0.0  | 0.4  | 0.2 | 0.0  | 0.0 |
| Alameda County VCSD                                 | 7            | 1.9  | 1.7  | 0.0  | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 |                 |       |       |      |     |     |     |     |     |              |       |       |      |      |      |     |      |     |
| Contra Costa MVCD                                   | 2            | 3.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 15              | 13.0  | 7.8   | 0.0  | 0.1 | 0.9 | 0.5 | 0.0 | 0.0 | 6            | 21.8  | 8.2   | 1.0  | 0.3  | 3.2  | 0.0 | 0.0  | 0.0 |
| Marin-Sonoma MVCD                                   |              |      |      |      |     |     |     |     |     | 10              | 1.7   | 0.6   | 9.2  | 0.1 | 0.3 | 2.1 | 0.0 | 0.0 | 28           | 1.1   | 0.5   | 11.1 | 0.3  | 1.7  | 0.9 | 0.0  | 0.0 |
| Napa County MAD                                     |              |      |      |      |     |     |     |     |     | 2               | 4.5   | 108.0 | 0.5  | 0.0 | 5.0 | 5.5 | 0.0 | 0.0 | 6            | 1.5   | 0.2   | 0.0  | 0.7  | 4.2  | 0.8 | 0.0  | 0.0 |
| San Benito County Vector Control Program            | 4            | 0.5  | 1.3  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3               | 0.3   | 0.0   | 0.0  | 0.0 | 0.3 | 0.7 | 0.0 | 0.0 | 5            | 3.6   | 0.2   | 0.0  | 1.6  | 0.2  | 0.2 | 0.0  | 0.0 |
| San Mateo County MVCD                               | 15           | 0.1  | 10.4 | 0.8  | 0.1 | 0.2 | 0.3 | 0.0 | 0.0 | 3               | 0.7   | 9.3   | 0.0  | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 2            | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 |
| Santa Cruz County MVCD                              | 16           | 0.1  | 2.5  | 21.5 | 0.2 | 0.0 | 0.7 | 0.0 | 0.0 | 12              | 0.1   | 2.9   | 1.9  | 0.3 | 0.0 | 1.0 | 0.0 | 0.0 | 6            | 0.2   | 1.3   | 4.5  | 0.0  | 0.2  | 1.7 | 0.0  | 0.0 |
| <b>Northern San Joaquin Valley</b>                  |              |      |      |      |     |     |     |     |     |                 |       |       |      |     |     |     |     |     |              |       |       |      |      |      |     |      |     |
| San Joaquin County MVCD                             | 30           | 8.4  | 9.2  | 0.2  | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | 2               | 3.5   | 3.5   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28           | 41.9  | 22.4  | 0.0  | 0.2  | 5.2  | 0.0 | 0.0  | 0.0 |
| Turlock MAD   | 13           | 3.1  | 5.8  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4               | 19.0  | 7.5   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18           | 39.1  | 8.5   | 0.0  | 0.5  | 0.3  | 0.0 | 0.0  | 0.0 |
| <b>Sacramento Valley</b>                            |              |      |      |      |     |     |     |     |     |                 |       |       |      |     |     |     |     |     |              |       |       |      |      |      |     |      |     |
| Lake County VCD                                     |              |      |      |      |     |     |     |     |     | 6               | 24.7  | 0.3   | 0.2  | 1.3 | 0.0 | 1.0 | 0.0 | 0.0 | 33           | 7.5   | 0.0   | 2.1  | 8.5  | 1.0  | 7.3 | 0.0  | 0.0 |
| Placer MVCD   | 3            | 12.0 | 78.7 | 3.3  | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 29              | 13.5  | 7.7   | 1.9  | 4.4 | 1.2 | 0.9 | 0.0 | 0.0 | 19           | 16.3  | 1.3   | 0.4  | 8.5  | 14.6 | 0.1 | 0.0  | 0.1 |
| Sacramento-Yolo MVCD                                |              |      |      |      |     |     |     |     |     | 116             | 8.1   | 13.1  | 0.6  | 1.6 | 0.1 | 0.8 | 0.0 | 0.0 | 72           | 22.8  | 39.6  | 1.5  | 10.9 | 1.0  | 0.8 | 0.0  | 0.0 |
| Shasta MVCD   | 1            | 12.0 | 1.0  | 0.0  | 3.0 | 0.0 | 4.0 | 0.0 | 0.0 | 15              | 4.3   | 2.5   | 0.1  | 0.9 | 0.0 | 2.1 | 0.0 | 0.0 | 28           | 8.1   | 2.0   | 0.5  | 4.7  | 0.3  | 2.5 | 0.0  | 0.1 |
| <b>Southern San Joaquin Valley</b>                  |              |      |      |      |     |     |     |     |     |                 |       |       |      |     |     |     |     |     |              |       |       |      |      |      |     |      |     |
| Consolidated MAD                                    | 4            | 0.3  | 6.0  | 0.0  | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 1               | 0.0   | 3.0   | 0.0  | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7            | 1.7   | 5.3   | 5.0  | 3.0  | 1.7  | 0.9 | 0.0  | 0.0 |
| Delano MAD  |              |      |      |      |     |     |     |     |     | 1266.0          | 730.0 | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9            | 127.4 | 503.0 | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 |
| Delta VCD   |              |      |      |      |     |     |     |     |     | 27              | 0.2   | 3.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6            | 1.5   | 5.7   | 1.2  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 |
| Fresno Westside MAD                                 |              |      |      |      |     |     |     |     |     | 7               | 5.6   | 4.7   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19           | 120.2 | 15.4  | 0.0  | 0.0  | 0.3  | 0.0 | 0.0  | 0.0 |
| Kern MVCD   | 22           | 2.4  | 6.1  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16              | 4.3   | 11.4  | 0.1  | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 46           | 54.8  | 50.9  | 0.0  | 0.1  | 11.4 | 0.0 | 0.0  | 0.0 |
| Kings Mosquito Abatement District                   | 1            | 26.0 | 2.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |                 |       |       |      |     |     |     |     |     | 8            | 75.4  | 23.5  | 0.0  | 0.0  | 0.1  | 0.0 | 0.0  | 0.0 |
| Tulare MAD  |              |      |      |      |     |     |     |     |     | 1               | 0.0   | 3.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1            | 0.0   | 3.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 |
| <b>Southern California</b>                          |              |      |      |      |     |     |     |     |     |                 |       |       |      |     |     |     |     |     |              |       |       |      |      |      |     |      |     |
| City of Moorpark Animal and Vector Control Division |              |      |      |      |     |     |     |     |     | 2               | 0.0   | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |              |       |       |      |      |      |     |      |     |
| Coachella Valley MVCD                               |              |      |      |      |     |     |     |     |     | 47              | 0.1   | 5.3   | 0.0  | 0.0 | 0.8 | 0.0 | 0.1 | 0.0 | 59           | 62.6  | 3.1   | 0.3  | 0.0  | 11.2 | 0.0 | 13.5 | 0.0 |
| Greater LA County VCD                               | 31           | 0.2  | 6.8  | 0.1  | 0.4 | 0.0 | 0.1 | 0.0 | 0.0 | 3               | 0.0   | 1.0   | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |              |       |       |      |      |      |     |      |     |
| Los Angeles County West VCD                         | 7            | 0.0  | 29.3 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 38              | 4.2   | 2.5   | 30.6 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 |              |       |       |      |      |      |     |      |     |
| Northwest Mosquito and Vector Control               | 2            | 0.0  | 9.5  | 1.0  | 0.5 | 2.0 | 0.0 | 0.0 | 0.0 | 52              | 28.6  | 21.7  | 8.9  | 0.2 | 0.0 | 0.3 | 0.0 | 0.0 | 11           | 67.2  | 4.4   | 24.0 | 1.5  | 0.1  | 0.0 | 0.0  | 0.0 |
| Orange County VCD                                   | 21           | 0.3  | 4.6  | 0.0  | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 28              | 0.1   | 0.3   | 8.3  | 1.4 | 0.0 | 0.2 | 0.0 | 0.0 |              |       |       |      |      |      |     |      |     |
| Owens Valley MAP                                    |              |      |      |      |     |     |     |     |     | 2               | 5.0   | 0.0   | 0.5  | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 | 6            | 7.0   | 0.0   | 1.0  | 0.0  | 14.2 | 1.0 | 0.0  | 0.0 |
| San Bernardino County MVCP                          | 12           | 0.3  | 0.2  | 0.2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6               | 0.3   | 0.5   | 3.7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6            | 0.5   | 0.2   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 |
| San Gabriel Valley MVCD                             |              |      |      |      |     |     |     |     |     | 2               | 0.0   | 0.0   | 0.0  | 0.0 | 0.0 | 4.0 | 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

|   |    |     |      |     |     |     |     |     |     |  |   |      |     |     |     |     |     |     |     |
|---|----|-----|------|-----|-----|-----|-----|-----|-----|--|---|------|-----|-----|-----|-----|-----|-----|-----|
| Ventura County Environmental<br>Health Division VCP |    |     |      |     |     |     |     |     |     |  | 6 | 0.5  | 0.4 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 |
| West Valley MVCD                                    | 14 | 0.6 | 25.6 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |  | 5 | 37.6 | 6.0 | 1.2 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 |

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