

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

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

For surveillance week 29 ending 7/19/2014

|   | <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  |              |      |      |       |     |      |      |     |     | 10    | 5.5             | 3.3  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 5     | 20.4  | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| Contra Costa MVCD   | 3            | 3.3  | 0.3  | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 15    | 3.1             | 0.5  | 0.9   | 0.0  | 1.5  | 0.1  | 0.0 | 0.0          | 6     | 4.8   | 0.7   | 0.0   | 0.0  | 0.2  | 0.0  | 0.0   | 0.0  |
| Marin-Sonoma MVCD   | 2            | 0.0  | 0.5  | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 17    | 5.0             | 0.3  | 1.5   | 0.0  | 0.8  | 1.5  | 0.0 | 0.0          | 29    | 3.2   | 0.4   | 77.1  | 0.1  | 1.4  | 0.7  | 0.0   | 0.0  |
| San Mateo County MVCD   | 30           | 0.3  | 7.7  | 0.3   | 0.1 | 0.3  | 3.7  | 0.0 | 0.0 | 31    | 0.2             | 10.1 | 1.2   | 0.0  | 0.3  | 10.8 | 0.0 | 0.0          | 3     | 0.7   | 2.7   | 0.0   | 0.0  | 12.7 | 9.0  | 0.0   | 0.0  |
| Santa Clara County VCD  |              |      |      |       |     |      |      |     |     | 67    | 0.8             | 0.9  | 0.0   | 0.0  | 0.0  | 0.5  | 0.0 | 0.0          |       |       |       |       |      |      |      |       |      |
| Santa Cruz County MVCD  | 4            | 0.3  | 3.0  | 0.5   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 1     | 0.0             | 0.0  | 29.0  | 0.0  | 0.0  | 3.0  | 0.0 | 0.0          | 1     | 3.0   | 0.0   | 18.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| <b>Northern San Joaquin Valley</b>                            |              |      |      |       |     |      |      |     |     |       |                 |      |       |      |      |      |     |              |       |       |       |       |      |      |      |       |      |
| East Side MAD   | 11           | 0.5  | 2.0  | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 10    | 30.1            | 7.2  | 0.0   | 0.3  | 0.2  | 0.0  | 0.0 | 0.0          | 20    | 12.5  | 10.0  | 0.0   | 0.3  | 1.0  | 0.1  | 0.0   | 0.0  |
| Merced County MAD   | 1            | 1.0  | 4.0  | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 11    | 2.5             | 6.4  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 2     | 0.0   | 1.5   | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| San Joaquin County MVCD                                       | 32           | 11.6 | 5.3  | 0.3   | 0.0 | 0.0  | 1.1  | 0.0 | 0.0 | 1     | 0.0             | 6.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 28    | 8.4   | 2.6   | 0.9   | 0.1  | 1.0  | 0.0  | 0.0   | 0.0  |
| Turlock MAD   | 11           | 0.7  | 6.3  | 0.0   | 0.0 | 0.0  | 0.8  | 0.0 | 0.0 | 6     | 1.3             | 1.2  | 0.0   | 0.2  | 0.0  | 4.8  | 0.0 | 0.0          | 18    | 22.6  | 17.1  | 38.7  | 2.6  | 5.5  | 0.0  | 0.0   | 0.0  |
| <b>Sacramento Valley</b>                                      |              |      |      |       |     |      |      |     |     |       |                 |      |       |      |      |      |     |              |       |       |       |       |      |      |      |       |      |
| Lake County VCD   |              |      |      |       |     |      |      |     |     | 4     | 81.8            | 0.0  | 0.0   | 41.0 | 0.0  | 0.3  | 0.0 | 0.0          | 17    | 187.4 | 0.1   | 20.9  | 80.1 | 5.1  | 0.1  | 0.0   | 4.5  |
| Placer MVCD   | 1            | 34.0 | 44.0 | 0.0   | 1.0 | 0.0  | 0.0  | 0.0 | 0.0 | 21    | 11.7            | 6.0  | 0.0   | 0.1  | 0.3  | 0.7  | 0.0 | 0.0          | 21    | 38.9  | 1.1   | 0.9   | 3.3  | 2.7  | 0.1  | 0.0   | 17.1 |
| Sacramento-Yolo MVCD  |              |      |      |       |     |      |      |     |     | 121   | 29.4            | 3.3  | 1.7   | 0.1  | 0.0  | 2.1  | 0.0 | 0.0          | 56    | 163.0 | 5.6   | 3.6   | 3.9  | 0.6  | 1.3  | 0.0   | 0.0  |
| Shasta MVCD   | 1            | 1.0  | 2.0  | 1.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 15    | 5.5             | 3.5  | 0.9   | 0.7  | 0.3  | 0.9  | 0.0 | 0.0          | 26    | 8.0   | 3.7   | 4.5   | 1.5  | 0.6  | 0.4  | 0.0   | 0.1  |
| <b>Southern San Joaquin Valley</b>                            |              |      |      |       |     |      |      |     |     |       |                 |      |       |      |      |      |     |              |       |       |       |       |      |      |      |       |      |
| Consolidated MAD  | 33           | 23.6 | 66.3 | 0.2   | 0.0 | 0.0  | 0.2  | 0.0 | 0.0 | 10    | 12.1            | 30.5 | 2.3   | 0.2  | 0.0  | 4.7  | 0.0 | 0.0          | 29    | 68.2  | 31.2  | 2.0   | 1.9  | 2.2  | 0.6  | 0.0   | 0.0  |
| Delano MAD  |              |      |      |       |     |      |      |     |     | 5     | 57.0            | 12.4 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 5     | 57.0  | 12.4  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| Delta VCD   |              |      |      |       |     |      |      |     |     | 7     | 364.1           | 70.7 | 11.0  | 2.6  | 62.9 | 0.0  | 0.0 | 0.0          | 7     | 364.1 | 70.7  | 11.0  | 2.6  | 62.9 | 0.0  | 0.0   | 0.0  |
| Fresno MVCD   |              |      |      |       |     |      |      |     |     | 2     | 2.0             | 3.5  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 4     | 10.8  | 19.3  | 0.0   | 4.8  | 0.0  | 46.8 | 0.0   | 0.0  |
| Fresno Westside MAD   |              |      |      |       |     |      |      |     |     | 6     | 7.2             | 2.5  | 0.0   | 0.0  | 0.3  | 0.0  | 0.0 | 0.0          | 21    | 37.0  | 5.6   | 0.0   | 0.0  | 0.4  | 0.0  | 0.0   | 0.0  |
| Kern MVCD   | 22           | 2.7  | 11.2 | 0.0   | 0.0 | 0.0  | 0.1  | 0.0 | 0.0 | 17    | 0.5             | 8.4  | 0.0   | 0.0  | 0.0  | 0.2  | 0.0 | 0.0          | 49    | 62.1  | 113.3 | 0.0   | 0.1  | 0.4  | 0.0  | 0.0   | 0.0  |
| Kings Mosquito Abatement District                             |              |      |      |       |     |      |      |     |     | 12    | 4.6             | 3.8  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 15    | 48.1  | 20.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| Madera County MVCD  | 4            | 0.0  | 2.5  | 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          | 24    | 5.5   | 10.0  | 0.0   | 6.1  | 0.0  | 0.0  | 0.0   | 0.0  |
| Tulare MAD  |              |      |      |       |     |      |      |     |     | 2     | 1.5             | 16.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 2     | 1.5   | 16.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| <b>Southern California</b>                                    |              |      |      |       |     |      |      |     |     |       |                 |      |       |      |      |      |     |              |       |       |       |       |      |      |      |       |      |
| Antelope Valley MVCD  | 2            | 1.0  | 2.0  | 0.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 2     | 3.0             | 7.5  | 3.0   | 0.5  | 0.0  | 0.0  | 0.0 | 0.0          | 1     | 27.0  | 5.0   | 0.0   | 1.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| Coachella Valley MVCD   |              |      |      |       |     |      |      |     |     | 3     | 0.0             | 2.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          | 56    | 22.9  | 14.0  | 2.6   | 0.3  | 28.5 | 0.0  | 148.5 | 0.0  |
| Greater LA County VCD   | 63           | 0.4  | 10.2 | 1.6   | 0.0 | 0.0  | 1.0  | 0.0 | 0.0 | 2     | 0.5             | 5.0  | 0.0   | 0.5  | 0.0  | 0.0  | 0.0 | 0.0          |       |       |       |       |      |      |      |       |      |
| Long Beach VCP  | 5            | 0.0  | 17.6 | 8.0   | 0.0 | 0.0  | 0.0  | 0.0 | 0.0 | 1     | 0.0             | 5.0  | 32.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0          |       |       |       |       |      |      |      |       |      |
| Los Angeles County West VCD                                   | 5            | 0.2  | 36.2 | 0.0   | 0.0 | 0.0  | 1.0  | 0.0 | 0.0 | 34    | 1.5             | 4.0  | 2.7   | 0.0  | 0.0  | 1.1  | 0.0 | 0.0          |       |       |       |       |      |      |      |       |      |
| Mosquito & Vector Management District of Santa Barbara County |              |      |      |       |     |      |      |     |     | 12    | 0.5             | 1.3  | 5.8   | 0.0  | 0.2  | 15.8 | 0.0 | 0.0          |       |       |       |       |      |      |      |       |      |
| Northwest MVCD  | 1            | 3.0  | 0.0  | 146.0 | 0.0 | 0.0  | 10.0 | 0.0 | 0.0 | 15    | 5.5             | 6.7  | 375.7 | 9.1  | 0.0  | 1.6  | 0.0 | 0.0          | 3     | 1.7   | 3.7   | 106.0 | 3.0  | 0.0  | 0.0  | 0.0   | 0.0  |
| Orange County VCD   | 28           | 2.8  | 6.4  | 4.8   | 1.5 | 0.0  | 0.1  | 0.0 | 0.0 | 24    | 4.9             | 2.8  | 30.1  | 1.0  | 0.0  | 0.3  | 0.0 | 0.0          |       |       |       |       |      |      |      |       |      |
| Owens Valley MAP  |              |      |      |       |     |      |      |     |     | 9     | 30.2            | 0.0  | 51.7  | 14.6 | 5.7  | 0.1  | 0.0 | 0.0          |       |       |       |       |      |      |      |       |      |
| San Bernardino County MVCP                                    | 18           | 0.3  | 2.0  | 0.0   | 0.0 | 13.2 | 0.1  | 0.0 | 0.0 | 24    | 1.6             | 2.1  | 1.0   | 0.0  | 0.0  | 1.1  | 0.0 | 0.0          | 12    | 1.3   | 1.4   | 1.3   | 1.2  | 0.0  | 0.5  | 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

