**Weekly Update**

**Humans**
One human case of West Nile virus (WNV) illness was reported this week from Shasta County. **This is the first human WNV case reported from Shasta County this year.** In 2021, a total of four WNV human cases have been reported from four counties. Of the four cases, two (50%) had neuroinvasive illness and one (25%) was fatal. The median age of the cases was 51 years, and three (75%) were male. Dates of symptom onset ranged from June 4 to June 30. In addition to the four cases, two asymptomatic WNV infections have been reported from Kern (1) and San Bernardino (1) counties. At this time last year, four WNV cases had been reported from three counties.

**Dead Birds**
A total of 10 WNV positive dead birds were reported this week from 2 counties: Los Angeles (4), and Sacramento (6). In 2021, 94 WNV positive dead birds have been reported from 9 counties. At this time last year, 46 WNV positive dead birds had been reported from 9 counties.

**Mosquito Pools**

**West Nile virus**
A total of 149 WNV positive mosquito pools were reported this week from 17 counties: Butte (10), Fresno (18), Kern (8), Kings (3), Lake (1), Los Angeles (11), Madera (9), Placer (12), Sacramento (1), San Bernardino (1), San Joaquin (33), Shasta (2), Stanislaus (6), Sutter (5), Tulare (26), Yolo (1), and Yuba (2). **This is the first detection of WNV activity in Lake County this year.** In 2021, 563 WNV positive mosquito pools have been reported from 20 counties. At this time last year, 372 WNV positive mosquito pools had been reported from 20 counties.

**St. Louis encephalitis virus**
One mosquito pool from Imperial County was reported positive for St. Louis encephalitis virus (SLEV) this week. In 2021, three SLEV positive mosquito pools have been reported from Imperial County. At this time last year, 111 SLEV positive mosquito pools had been reported from 4 counties.

**Sentinel Chickens**
A total of 10 WNV positive chickens were reported this week from 3 counties: Butte (8), Merced (1), and Shasta (1). **These are the first WNV positive chickens reported from Butte, Merced, and Shasta counties this year.** In 2021, 10 WNV positive chickens have been reported from 3 counties. At this time last year, 10 WNV positive chickens had been reported from 2 counties.

*Website Information: For updated information on WNV in California, please visit the California WNV website, [www.westnile.ca.gov](http://www.westnile.ca.gov), or the California Vectorborne Disease Surveillance System website, [www.maps.calsurv.org](http://www.maps.calsurv.org). For national information on WNV and other arboviruses, please visit the CDC websites: [www.cdc.gov](http://www.cdc.gov) and [www.cdc.gov/arbonet/maps/ADB_Diseases_Map/index.html](http://www.cdc.gov/arbonet/maps/ADB_Diseases_Map/index.html)*
## 2020 & 2021 YTD West Nile Virus Comparisons

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total # Dead Bird Reports</td>
<td>2,907</td>
<td>3,414</td>
</tr>
<tr>
<td># Positive Counties</td>
<td>23</td>
<td>22</td>
</tr>
<tr>
<td># Human Cases</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td># Positive Dead Birds / # Tested</td>
<td>46 / 720</td>
<td>94 / 1,032</td>
</tr>
<tr>
<td># Positive Mosquito Pools / # Tested</td>
<td>372 / 18,177</td>
<td>563 / 18,071</td>
</tr>
<tr>
<td># Seroconversions / # Tested</td>
<td>10 / 3,081</td>
<td>10 / 3,093</td>
</tr>
</tbody>
</table>

## YTD WNV Activity by Element and County, 2021

<table>
<thead>
<tr>
<th>County</th>
<th>Humans</th>
<th>Horses</th>
<th>Dead Birds</th>
<th>Mosquito Pools</th>
<th>Sentinel Chickens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butte</td>
<td></td>
<td></td>
<td>41</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Contra Costa</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fresno</td>
<td>1</td>
<td>1</td>
<td>126</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kern</td>
<td>1</td>
<td></td>
<td>28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Lake</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Los Angeles</td>
<td>16</td>
<td></td>
<td>60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td></td>
<td></td>
<td></td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Merced</td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Placer</td>
<td>2</td>
<td></td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Riverside</td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sacramento</td>
<td>56</td>
<td></td>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Bernardino</td>
<td>1</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>11</td>
<td></td>
<td>99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Luis Obispo</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shasta</td>
<td>1</td>
<td></td>
<td>12</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Sonoma</td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Stanislaus</td>
<td>1</td>
<td></td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sutter</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tulare</td>
<td>5</td>
<td></td>
<td>67</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yolo</td>
<td></td>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yuba</td>
<td></td>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>4</td>
<td>1</td>
<td>94</td>
<td>563</td>
<td>10</td>
</tr>
</tbody>
</table>
## California Arbovirus Surveillance Bulletin #14
Week 30 Friday, July 30, 2021

### TESTING SUMMARIES

#### Humans

<table>
<thead>
<tr>
<th></th>
<th>WNV</th>
<th>SLEV</th>
<th>WEEV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Cases</td>
<td>Week</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>YTD</td>
<td>4</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Dead Birds

<table>
<thead>
<tr>
<th></th>
<th>Number Tested</th>
<th>WNV Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dead Birds Week</td>
<td>54</td>
<td>10</td>
</tr>
<tr>
<td>YTD</td>
<td>1,032</td>
<td>94</td>
</tr>
</tbody>
</table>

#### Sentinel Chickens

<table>
<thead>
<tr>
<th></th>
<th>Number Tested</th>
<th>WNV Positive</th>
<th>SLEV Positive</th>
<th>WEEV Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicken Sera Week</td>
<td>243</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>YTD</td>
<td>3,093</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Mosquitoes

<table>
<thead>
<tr>
<th>Mosquito Pools</th>
<th>WNV</th>
<th>SLEV</th>
<th>WEEV</th>
<th>CHIK</th>
<th>DENV</th>
<th>ZIKA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week</td>
<td>149 / 1,543</td>
<td>1 / 1,476</td>
<td>0 / 1,332</td>
<td>0 / 0</td>
<td>0 / 0</td>
<td>0 / 0</td>
</tr>
<tr>
<td>YTD</td>
<td>563 / 18,071</td>
<td>3 / 16,946</td>
<td>0 / 15,719</td>
<td>0 / 234</td>
<td>0 / 234</td>
<td>0 / 234</td>
</tr>
</tbody>
</table>

### NEW POSITIVES

#### Dead Birds

<table>
<thead>
<tr>
<th>County</th>
<th>Agency</th>
<th>City</th>
<th>Zip Code</th>
<th>Species</th>
<th>Date Reported</th>
<th>Virus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles</td>
<td>San Gabriel Valley MVCD</td>
<td>Covina</td>
<td>91722</td>
<td>Unknown - Crow or Raven</td>
<td>7/23/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>San Gabriel Valley MVCD</td>
<td>South Pasadena</td>
<td>91030</td>
<td>California Scrub-Jay</td>
<td>7/22/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>San Gabriel Valley MVCD</td>
<td>South Pasadena</td>
<td>91030</td>
<td>Unknown - songbird</td>
<td>7/22/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>San Gabriel Valley MVCD</td>
<td>West Covina</td>
<td>91791</td>
<td>American Crow</td>
<td>7/26/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Sacramento</td>
<td>Sacramento-Yolo MVCD</td>
<td>Citrus Heights</td>
<td>95621</td>
<td>American Crow</td>
<td>7/26/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Sacramento</td>
<td>Sacramento-Yolo MVCD</td>
<td>Elk Grove</td>
<td>95758</td>
<td>Western Bluebird</td>
<td>7/20/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Sacramento</td>
<td>Sacramento-Yolo MVCD</td>
<td>Orangevale</td>
<td>95662</td>
<td>California Scrub-Jay</td>
<td>7/26/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Sacramento</td>
<td>Sacramento-Yolo MVCD</td>
<td>Sacramento</td>
<td>95818</td>
<td>American Crow</td>
<td>7/21/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Sacramento</td>
<td>Sacramento-Yolo MVCD</td>
<td>Sacramento</td>
<td>95838</td>
<td>American Crow</td>
<td>7/22/2021</td>
<td>WNV</td>
</tr>
<tr>
<td>Sacramento</td>
<td>Sacramento-Yolo MVCD</td>
<td>Sacramento</td>
<td>95821</td>
<td>Northern Mockingbird</td>
<td>7/24/2021</td>
<td>WNV</td>
</tr>
</tbody>
</table>
# California Arbovirus Surveillance Bulletin #14

**Week 30 Friday, July 30, 2021**

## Mosquito Pools

<table>
<thead>
<tr>
<th>County</th>
<th>Site Code</th>
<th>Pool #</th>
<th>Species</th>
<th>City</th>
<th># in Pool</th>
<th>Trap Type</th>
<th>Collected</th>
<th>Virus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butte</td>
<td>BUCO118</td>
<td>244</td>
<td>Cx. tarsalis</td>
<td>Chico</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Butte</td>
<td>BUCO118</td>
<td>245</td>
<td>Cx. tarsalis</td>
<td>Chico</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Butte</td>
<td>BUCO118</td>
<td>246</td>
<td>Cx. tarsalis</td>
<td>Chico</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Butte</td>
<td>BUCO118</td>
<td>247</td>
<td>Cx. tarsalis</td>
<td>Chico</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Butte</td>
<td>BUCO118</td>
<td>248</td>
<td>Cx. tarsalis</td>
<td>Chico</td>
<td>49</td>
<td>CO2</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Butte</td>
<td>BUCO27</td>
<td>262</td>
<td>Cx. tarsalis</td>
<td>Gridley</td>
<td>50</td>
<td>CO2</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Butte</td>
<td>BUCO68</td>
<td>250</td>
<td>Cx. tarsalis</td>
<td>Gridley</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>CNSL1119</td>
<td>293</td>
<td>Cx. quinquefasciatus</td>
<td>Fresno</td>
<td>50</td>
<td>GRVD</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>CNSL2138</td>
<td>286</td>
<td>Cx. stigmatosoma</td>
<td>Sanger</td>
<td>14</td>
<td>GRVD</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>CNSL2586</td>
<td>291</td>
<td>Cx. quinquefasciatus</td>
<td>Sanger</td>
<td>50</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>CNSL8143</td>
<td>292</td>
<td>Cx. quinquefasciatus</td>
<td>Clovis</td>
<td>50</td>
<td>GRVD</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRNO10</td>
<td>370</td>
<td>Cx. quinquefasciatus</td>
<td>Fresno</td>
<td>11</td>
<td>GRVD</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRNO219</td>
<td>369</td>
<td>Cx. quinquefasciatus</td>
<td>Fresno</td>
<td>46</td>
<td>GRVD</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRNO261</td>
<td>360</td>
<td>Cx. quinquefasciatus</td>
<td>Fresno</td>
<td>50</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRNO38</td>
<td>380</td>
<td>Cx. quinquefasciatus</td>
<td>Fresno</td>
<td>21</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS1101</td>
<td>188</td>
<td>Cx. tarsalis</td>
<td>Dos Palos</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS1202</td>
<td>182</td>
<td>Cx. tarsalis</td>
<td>Dos Palos</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS1202</td>
<td>184</td>
<td>Cx. tarsalis</td>
<td>Dos Palos</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS3104</td>
<td>179</td>
<td>Cx. tarsalis</td>
<td>Firebaugh</td>
<td>34</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS3201</td>
<td>193</td>
<td>Cx. quinquefasciatus</td>
<td>Firebaugh</td>
<td>14</td>
<td>OTHER</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS40003</td>
<td>176</td>
<td>Cx. quinquefasciatus</td>
<td>Mendota</td>
<td>50</td>
<td>BGSENT</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS4110</td>
<td>190</td>
<td>Cx. tarsalis</td>
<td>Mendota</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS4110</td>
<td>191</td>
<td>Cx. tarsalis</td>
<td>Mendota</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS5101</td>
<td>177</td>
<td>Cx. tarsalis</td>
<td>Mendota</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Fresno</td>
<td>FRWS5110</td>
<td>178</td>
<td>Cx. tarsalis</td>
<td>Tranquility</td>
<td>45</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Imperial</td>
<td>IMPR85</td>
<td>244</td>
<td>Cx. tarsalis</td>
<td>Calexico</td>
<td>16</td>
<td>BGSENT</td>
<td>7/27/21</td>
<td>SLEV</td>
</tr>
<tr>
<td>Kern</td>
<td>DLNO21</td>
<td>76</td>
<td>Cx. tarsalis</td>
<td>Delano</td>
<td>50</td>
<td>CO2</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kern</td>
<td>KERN114</td>
<td>255</td>
<td>Cx. quinquefasciatus</td>
<td>Bakersfield</td>
<td>21</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kern</td>
<td>KERN115</td>
<td>274</td>
<td>Cx. tarsalis</td>
<td>Bakersfield</td>
<td>50</td>
<td>CO2</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kern</td>
<td>KERN12</td>
<td>270</td>
<td>Cx. quinquefasciatus</td>
<td>Bakersfield</td>
<td>50</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kern</td>
<td>KERN3004</td>
<td>277</td>
<td>Cx. quinquefasciatus</td>
<td>Bakersfield</td>
<td>50</td>
<td>CO2</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kern</td>
<td>KERN3027</td>
<td>257</td>
<td>Cx. tarsalis</td>
<td>Arvin</td>
<td>47</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kern</td>
<td>KERN36</td>
<td>251</td>
<td>Cx. quinquefasciatus</td>
<td>Bakersfield</td>
<td>45</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kern</td>
<td>KERN45</td>
<td>266</td>
<td>Cx. quinquefasciatus</td>
<td>Buttonwillow</td>
<td>41</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kings</td>
<td>KNGS3067</td>
<td>53</td>
<td>Cx. tarsalis</td>
<td>Riverdale</td>
<td>47</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kings</td>
<td>KNGS3071</td>
<td>52</td>
<td>Cx. tarsalis</td>
<td>Riverdale</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Kings</td>
<td>KNGS8033</td>
<td>70</td>
<td>Cx. tarsalis</td>
<td>Hanford</td>
<td>30</td>
<td>CO2</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Lake</td>
<td>LAKE84</td>
<td>164</td>
<td>Cx. tarsalis</td>
<td>Upper Lake</td>
<td>24</td>
<td>CO2</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>GRLA2500</td>
<td>5470</td>
<td>Cx. quinquefasciatus</td>
<td>Elysian Valley</td>
<td>50</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA1000</td>
<td>672</td>
<td>Cx. quinquefasciatus</td>
<td>Azusa</td>
<td>50</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA1022</td>
<td>670</td>
<td>Cx. quinquefasciatus</td>
<td>Azusa</td>
<td>48</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA1046</td>
<td>660</td>
<td>Cx. quinquefasciatus</td>
<td>La Verne</td>
<td>50</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA1230</td>
<td>658</td>
<td>Cx. quinquefasciatus</td>
<td>San Dimas</td>
<td>50</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA482</td>
<td>692</td>
<td>Cx. quinquefasciatus</td>
<td>Duarte</td>
<td>28</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA5</td>
<td>666</td>
<td>Cx. quinquefasciatus</td>
<td>Irwindale</td>
<td>39</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA509</td>
<td>673</td>
<td>Cx. quinquefasciatus</td>
<td>Glendora</td>
<td>50</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA62</td>
<td>671</td>
<td>Cx. quinquefasciatus</td>
<td>Covina</td>
<td>50</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA695</td>
<td>694</td>
<td>Cx. quinquefasciatus</td>
<td>Rosemead</td>
<td>50</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>SGVA915</td>
<td>669</td>
<td>Cx. quinquefasciatus</td>
<td>San Dimas</td>
<td>50</td>
<td>GRVD</td>
<td>WNV</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>---------</td>
<td>-----</td>
<td>----------------------</td>
<td>-----------</td>
<td>----</td>
<td>----------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR1109</td>
<td>189</td>
<td>Cx. tarsalis</td>
<td>Madera</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR1109</td>
<td>190</td>
<td>Cx. tarsalis</td>
<td>Madera</td>
<td>46</td>
<td>CO2</td>
<td>7/20/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR208</td>
<td>186</td>
<td>Cx. tarsalis</td>
<td>Madera</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR227</td>
<td>188</td>
<td>Cx. tarsalis</td>
<td>Madera</td>
<td>50</td>
<td>CO2</td>
<td>7/20/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR603</td>
<td>195</td>
<td>Cx. tarsalis</td>
<td>Firebaugh</td>
<td>50</td>
<td>CO2</td>
<td>7/23/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR692</td>
<td>182</td>
<td>Cx. tarsalis</td>
<td>Madera</td>
<td>46</td>
<td>CO2</td>
<td>7/15/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR85</td>
<td>175</td>
<td>Cx. tarsalis</td>
<td>Madera</td>
<td>38</td>
<td>CO2</td>
<td>7/15/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR85</td>
<td>176</td>
<td>Cx. quinquefasciatus</td>
<td>Madera</td>
<td>21</td>
<td>CO2</td>
<td>7/15/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Madera</td>
<td>MADR889</td>
<td>179</td>
<td>Cx. tarsalis</td>
<td>Firebaugh</td>
<td>50</td>
<td>CO2</td>
<td>7/16/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR1113</td>
<td>940</td>
<td>Cx. tarsalis</td>
<td>Pleasant Grove</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR197802</td>
<td>934</td>
<td>Cx. tarsalis</td>
<td>Elverta</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR197802</td>
<td>935</td>
<td>Cx. tarsalis</td>
<td>Elverta</td>
<td>48</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR197802</td>
<td>978</td>
<td>Cx. tarsalis</td>
<td>Elverta</td>
<td>50</td>
<td>CO2</td>
<td>7/28/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR197802</td>
<td>979</td>
<td>Cx. tarsalis</td>
<td>Elverta</td>
<td>50</td>
<td>CO2</td>
<td>7/28/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR25</td>
<td>1005</td>
<td>Cx. tarsalis</td>
<td>Lincoln</td>
<td>50</td>
<td>CO2</td>
<td>7/28/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR25</td>
<td>1007</td>
<td>Cx. pipiens</td>
<td>Lincoln</td>
<td>2</td>
<td>CO2</td>
<td>7/28/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR30</td>
<td>1013</td>
<td>Cx. pipiens</td>
<td>Lincoln</td>
<td>50</td>
<td>CO2</td>
<td>7/28/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR525</td>
<td>943</td>
<td>Cx. pipiens</td>
<td>Lincoln</td>
<td>4</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR525</td>
<td>1020</td>
<td>Cx. pipiens</td>
<td>Lincoln</td>
<td>3</td>
<td>CO2</td>
<td>7/28/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR668</td>
<td>946</td>
<td>Cx. tarsalis</td>
<td>Elverta</td>
<td>30</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Placer</td>
<td>PLCR668</td>
<td>1033</td>
<td>Cx. tarsalis</td>
<td>Elverta</td>
<td>50</td>
<td>CO2</td>
<td>7/28/21 WNV</td>
<td></td>
</tr>
<tr>
<td>Sacramento</td>
<td>SAYO232029</td>
<td>2669</td>
<td>Cx. pipiens</td>
<td>Elk Grove</td>
<td>3</td>
<td>GRVD</td>
<td>7/23/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Bernardino</td>
<td>WVAL252</td>
<td>929</td>
<td>Cx. quinquefasciatus</td>
<td>Chino Hills</td>
<td>5</td>
<td>GRVD</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8003</td>
<td>1172</td>
<td>Cx. pipiens</td>
<td>Tracy</td>
<td>12</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1064</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1065</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1066</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1067</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1068</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1069</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1070</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1071</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1072</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1073</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8018</td>
<td>1074</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>29</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8041</td>
<td>1092</td>
<td>Cx. tarsalis</td>
<td>Lodi</td>
<td>8</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8076</td>
<td>1191</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>24</td>
<td>CO2</td>
<td>7/29/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8079</td>
<td>1180</td>
<td>Cx. pipiens</td>
<td>Manteca</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8079</td>
<td>1181</td>
<td>Cx. pipiens</td>
<td>Manteca</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8111</td>
<td>1101</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8111</td>
<td>1102</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>24</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8143</td>
<td>1085</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8143</td>
<td>1086</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8143</td>
<td>1087</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>33</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8199</td>
<td>1165</td>
<td>Cx. tarsalis</td>
<td>Manteca</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8199</td>
<td>1167</td>
<td>Cx. pipiens</td>
<td>Manteca</td>
<td>31</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8200</td>
<td>1199</td>
<td>Cx. tarsalis</td>
<td>Lodi</td>
<td>38</td>
<td>CO2</td>
<td>7/29/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8208</td>
<td>1198</td>
<td>Cx. tarsalis</td>
<td>Lodi</td>
<td>54</td>
<td>CO2</td>
<td>7/29/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8209</td>
<td>1201</td>
<td>Cx. pipiens</td>
<td>Lodi</td>
<td>35</td>
<td>CO2</td>
<td>7/29/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8233</td>
<td>1093</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8233</td>
<td>1094</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8233</td>
<td>1095</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8233</td>
<td>1096</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21 WNV</td>
<td></td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8233</td>
<td>1097</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>-------------</td>
<td>----------</td>
<td>------</td>
<td>--------------</td>
<td>----------</td>
<td>----</td>
<td>------</td>
<td>---------</td>
<td>-----</td>
</tr>
<tr>
<td>San Joaquin</td>
<td>SJCM8233</td>
<td>1098</td>
<td>Cx. tarsalis</td>
<td>Stockton</td>
<td>48</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Shasta</td>
<td>SHAS110</td>
<td>401</td>
<td>Cx. tarsalis</td>
<td>Redding</td>
<td>26</td>
<td>CO2</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Shasta</td>
<td>SHAS410</td>
<td>375</td>
<td>Cx. tarsalis</td>
<td>Cottonwood</td>
<td>35</td>
<td>CO2</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Stanislaus</td>
<td>EAST2014</td>
<td>21165</td>
<td>Cx. pipiens</td>
<td>Modesto</td>
<td>29</td>
<td>GRVD</td>
<td>7/20/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Stanislaus</td>
<td>EAST2021</td>
<td>21156</td>
<td>Cx. pipiens</td>
<td>Modesto</td>
<td>31</td>
<td>GRVD</td>
<td>7/14/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Stanislaus</td>
<td>EAST2023</td>
<td>21173</td>
<td>Cx. pipiens</td>
<td>Modesto</td>
<td>22</td>
<td>CO2</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Stanislaus</td>
<td>EAST2023</td>
<td>21179</td>
<td>Cx. pipiens</td>
<td>Modesto</td>
<td>25</td>
<td>GRVD</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Stanislaus</td>
<td>TRLK2</td>
<td>525</td>
<td>Cx. tarsalis</td>
<td>Vernalis</td>
<td>40</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Stanislaus</td>
<td>TRLK806</td>
<td>491</td>
<td>Cx. pipiens</td>
<td>Grayson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Sutter</td>
<td>SUY1A15</td>
<td>254</td>
<td>Cx. tarsalis</td>
<td>Robbins</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Sutter</td>
<td>SUY2A4</td>
<td>244</td>
<td>Cx. tarsalis</td>
<td>Yuba City</td>
<td>32</td>
<td>REST</td>
<td>7/26/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Sutter</td>
<td>SUY6A3</td>
<td>243</td>
<td>Cx. tarsalis</td>
<td>Live Oak</td>
<td>45</td>
<td>REST</td>
<td>7/26/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Sutter</td>
<td>SUY7A1</td>
<td>259</td>
<td>Cx. tarsalis</td>
<td>Meridian</td>
<td>40</td>
<td>REST</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Sutter</td>
<td>SUY8A4</td>
<td>246</td>
<td>Cx. tarsalis</td>
<td>Yuba City</td>
<td>21</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLN016</td>
<td>73</td>
<td>Cx. quinquefasciatus</td>
<td>Earlimart</td>
<td>45</td>
<td>BGSENT</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLN08</td>
<td>78</td>
<td>Cx. quinquefasciatus</td>
<td>Delano</td>
<td>50</td>
<td>CO2</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA5</td>
<td>967</td>
<td>Cx. stigmatosoma</td>
<td>Dinuba</td>
<td>50</td>
<td>CO2</td>
<td>7/29/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>850</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>852</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>855</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>860</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>861</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>862</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>863</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>865</td>
<td>Cx. quinquefasciatus</td>
<td>Monson</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA4744</td>
<td>868</td>
<td>Cx. tarsalis</td>
<td>Monson</td>
<td>37</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA819</td>
<td>893</td>
<td>Cx. quinquefasciatus</td>
<td>Goshen</td>
<td>24</td>
<td>GRVD</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA854</td>
<td>818</td>
<td>Cx. quinquefasciatus</td>
<td>Visalia</td>
<td>19</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>DLTA8631</td>
<td>783</td>
<td>Cx. quinquefasciatus</td>
<td>Farmersville</td>
<td>14</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE192434</td>
<td>103</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>46</td>
<td>GRVD</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE192436</td>
<td>107</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>24</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE192531</td>
<td>95</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>45</td>
<td>GRVD</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202401</td>
<td>94</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>23</td>
<td>GRVD</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202403</td>
<td>97</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>32</td>
<td>GRVD</td>
<td>7/21/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202403</td>
<td>109</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>50</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202403</td>
<td>120</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>25</td>
<td>GRVD</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202411</td>
<td>112</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>43</td>
<td>GRVD</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202415</td>
<td>114</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>50</td>
<td>GRVD</td>
<td>7/23/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202424</td>
<td>92</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>31</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Tulare</td>
<td>TLRE202506</td>
<td>88</td>
<td>Cx. quinquefasciatus</td>
<td>Tulare</td>
<td>18</td>
<td>GRVD</td>
<td>7/22/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Yolo</td>
<td>SAYO115008</td>
<td>2696</td>
<td>Cx. tarsalis</td>
<td>Woodland</td>
<td>50</td>
<td>CO2</td>
<td>7/27/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Yuba</td>
<td>SUYA39</td>
<td>273</td>
<td>Cx. tarsalis</td>
<td>Marysville</td>
<td>50</td>
<td>CO2</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
<tr>
<td>Yuba</td>
<td>SUYA39</td>
<td>274</td>
<td>Cx. tarsalis</td>
<td>Marysville</td>
<td>30</td>
<td>CO2</td>
<td>7/28/21</td>
<td>WNV</td>
</tr>
</tbody>
</table>
Sentinel Chickens

<table>
<thead>
<tr>
<th>County</th>
<th>Site Code</th>
<th>Nearest City</th>
<th>Date Bled</th>
<th>Virus</th>
<th>Band 01</th>
<th>Band 02</th>
<th>Band 03</th>
<th>Band 04</th>
<th>Band 05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butte</td>
<td>BUCO0003</td>
<td>Oroville</td>
<td>7/20/2021</td>
<td>WNV</td>
<td>2549</td>
<td>2550</td>
<td>2553</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butte</td>
<td>BUCO0006</td>
<td>Chico</td>
<td>7/20/2021</td>
<td>WNV</td>
<td>2566</td>
<td>2567</td>
<td>2569</td>
<td>2571</td>
<td>2589</td>
</tr>
<tr>
<td>Merced</td>
<td>MERC0001</td>
<td>Merced</td>
<td>7/23/2021</td>
<td>WNV</td>
<td>1424</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shasta</td>
<td>SHA5038</td>
<td></td>
<td>7/23/2021</td>
<td>WNV</td>
<td>1165</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TEST PROTOCOLS**

**Humans:**
Specimens are tested by local laboratories with an IgM or IgG immunofluorescent assay (IFA) and/or an IgM enzyme immunoassay (EIA). Specimens with inconclusive results are forwarded to the California Department of Public Health Viral and Rickettsial Disease Laboratory (VRDL) for further testing with a plaque reduction neutralization test (PRNT).

**Dead Birds**
Oral swab samples collected from bird carcasses are tested at the UC Davis Arbovirus Research and Training laboratory (DART) or at a local agency for West Nile virus by RT-qPCR.

**Sentinel Chickens:**
Dried blood spot samples from sentinel chickens are tested at the California Department of Public Health Vector-Borne Disease Laboratory for IgG antibodies to West Nile, St. Louis encephalitis, and western equine encephalomyelitis viruses by an EIA. Positive samples are confirmed by IFA, western-blot, or PRNT.

**Mosquito Pools:**
Mosquito pools are tested at DART or at a local agency for West Nile, western equine encephalomyelitis, and St. Louis encephalitis viral RNA using a multiplex RT-qPCR. Invasive *Aedes* mosquitoes (*Ae. aegypti* and *Ae. albopictus*) are also tested at DART for chikungunya, dengue, and Zika viral RNA by a separate RT-qPCR.

*Prepared by the Vector-Borne Disease Section (Infectious Diseases Branch), California Department of Public Health, 850 Marina Bay Parkway, Richmond, CA 94804. Questions concerning this bulletin should be addressed to Tina Feiszli: Tina.Feiszli@cdph.ca.gov.*