

California Arbovirus Surveillance Bulletin #26

Week 33 Friday, August 15, 2014



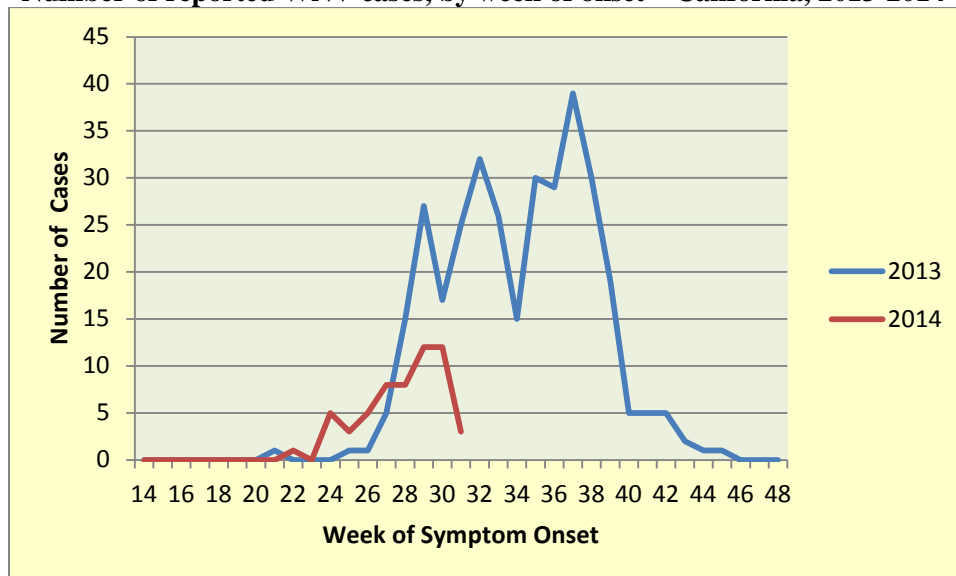
WEEKLY UPDATE

Humans

A total of 21 new cases of West Nile virus (WNV) disease have been reported from Fresno (2), Kern (2), Los Angeles (2), Madera (1), Orange (7), Sacramento (2), San Joaquin (1), and Stanislaus (4) counties. These are the first human cases reported from Los Angeles and San Joaquin counties this year. As of August 11, a total of 57 WNV cases have been reported from 13 counties: Butte (4), Contra Costa (1), Fresno (12), Kern (3), Los Angeles (2), Madera (2), Orange (13), Sacramento (3), San Joaquin (1), Shasta (1), Solano (1), Stanislaus (10), and Tulare (4). Of the 57 case-patients, 39 (68%) had neuroinvasive illness. The median age of the 57 individuals where data are available is 58 years (range: 6-90 years); 41 (72%) of the case-patients are male. Dates of symptom onset range from May 27 to July 24. Four WNV-related fatalities have been reported from Sacramento (1), Shasta (1), and Stanislaus (2) counties. In addition, 12 asymptomatic WNV-positive blood donors have been reported from nine counties: Alameda (1), Butte (1), Kern (1), Los Angeles (1), Orange (1), San Joaquin (2), Santa Clara (1), Stanislaus (3), and Sutter (1). At this time last year, 37 WNV cases had been reported from 16 counties.

National Comments: As of August 12, 124 human cases of WNV disease have been reported from 20 states and the District of Columbia. Of these, 63 (51%) were classified as neuroinvasive disease and seven fatalities have been reported.

Number of reported WNV cases, by week of onset—California, 2013-2014*



*Provisional data

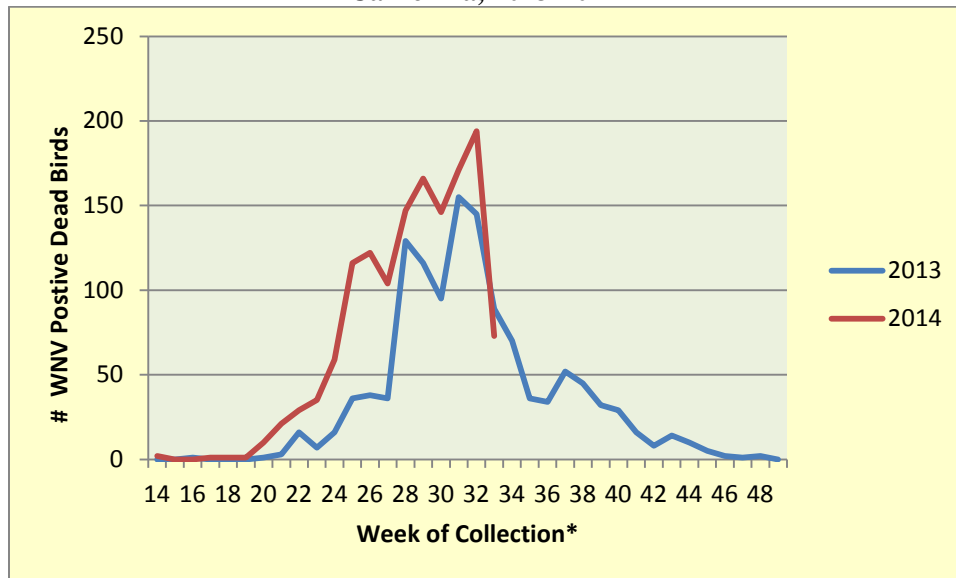
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Dead Birds

A total of 218 WNV positive dead birds were reported this week from the following 24 counties: Alameda (13), Butte (3), Colusa (1), Contra Costa (2), Glenn (2), Kern (1), Kings (1), Lake (6), Los Angeles (9), Marin (1), Orange (34), Placer (2), Sacramento (31), San Bernardino (2), San Diego (3), San Joaquin (8), Santa Clara (79), Solano (3), Sonoma (1), Stanislaus (3), Tulare (1), Ventura (1), Yolo (9), and Yuba (2). In 2014, 1,410 dead birds have tested positive for WNV from 33 counties. At this time last year, 705 WNV positive dead birds had been detected in 36 counties.

Number of reported WNV positive dead birds, by week of collection--
California, 2013-2014*



*Provisional data

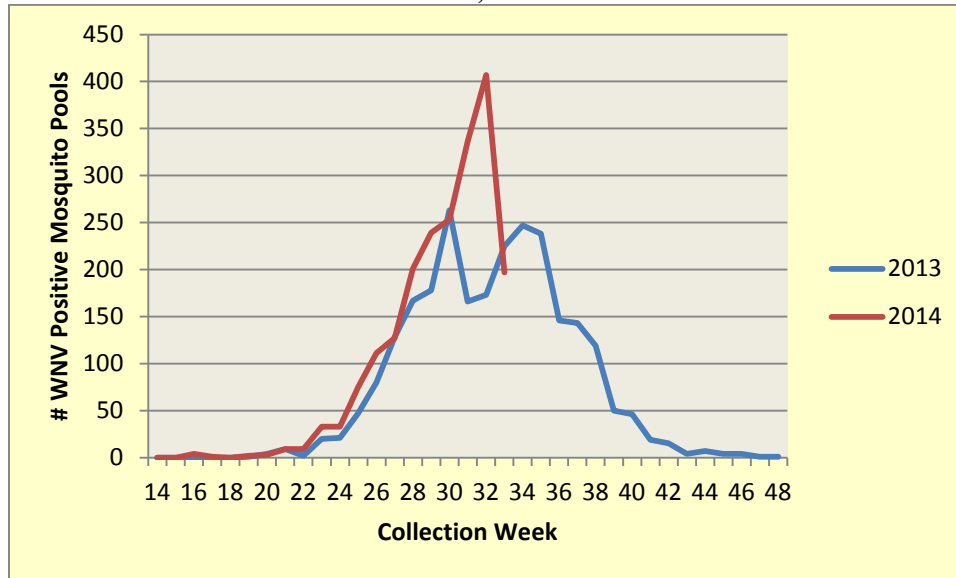
Mosquito Pools

A total of 420 WNV positive mosquito pools were reported this week from the following 26 counties: Alameda (4), Butte (6), Contra Costa (2), Fresno (20), Kern (11), Kings (41), Lake (22), Los Angeles (24), Madera (7), Merced (3), Orange (28), Placer (26), Riverside (14), Sacramento (63), San Bernardino (15), San Joaquin (14), San Mateo (2), Santa Clara (4), Shasta (7), Solano (1), Sonoma (2), Stanislaus (17), Sutter (9), Tulare (49), Yolo (26), and Yuba (3). In 2014, 2,040 mosquito pools from 29 counties have tested positive for WNV. At this time last year, 1,349 WNV positive mosquito pools had been reported from 25 counties.

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Number of reported WNV positive mosquito pools, by week of collection--
California, 2013-2014*

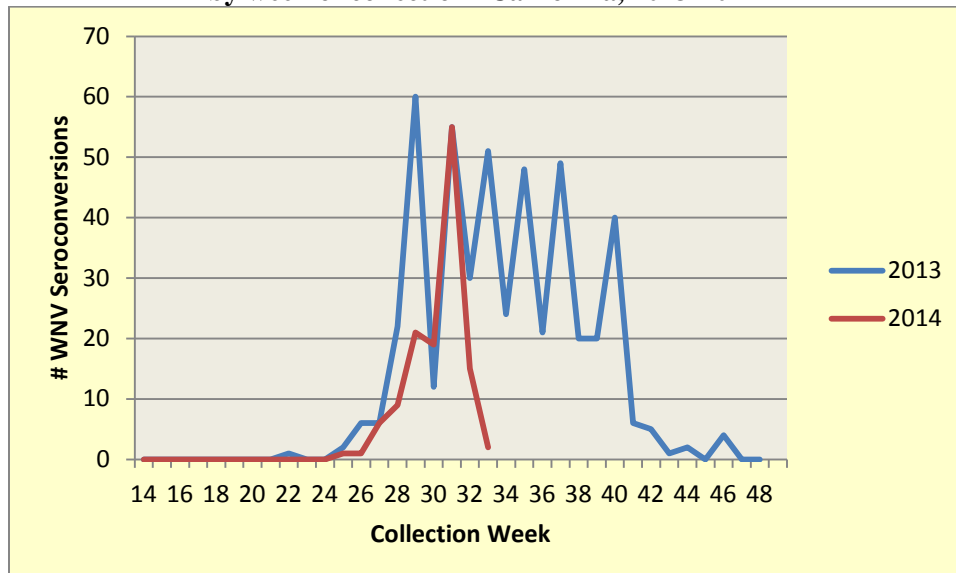


*Provisional data

Sentinel Chickens

A total of 23 new WNV seroconversions were reported this week from 14 flocks located in the following nine counties: Butte (1), Lake (1), Los Angeles (6), Merced (1), Riverside (3), Sacramento (4), San Bernardino (5), Sutter (1), and Yolo (1). **These are the first WNV positive chickens reported from Riverside, Sacramento, and Yolo counties this year.** In 2014, 129 WNV positive chickens have been reported from 51 flocks located in 17 counties. At this time last year, 174 WNV seroconversions had been reported from 52 flocks in 19 counties.

Number of reported WNV sentinel chicken seroconversions,
by week of collection--California, 2013-2014*



*Provisional data

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YTD Activity by Element and County, 2014				
County	Humans*	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda		51	10	
Butte	4	11	27	19
Colusa		4	1	3
Contra Costa	1	25	10	7
El Dorado		1		
Fresno	12	8	87	
Glenn		4	5	5
Humboldt		2		
Kern	3	3	61	
Kings		2	138	
Lake		12	50	2
Los Angeles	2	21	95	23
Madera	2	4	21	
Marin		3	3	
Merced			9	3
Napa		8		
Orange	13	138	181	
Placer		19	61	
Riverside			25	3
Sacramento	3	219	360	4
San Bernardino		8	63	13
San Diego		4		
San Joaquin	1	36	135	
San Mateo		7	9	
Santa Clara		639	27	
Santa Cruz		1		
Shasta	1	2	20	
Solano	1	31	10	14
Sonoma		12	4	
Stanislaus	10	27	82	12
Sutter		19	49	12
Tehama				1
Tulare	4	38	301	4
Ventura		2		
Yolo		39	174	1
Yuba		10	22	3
Totals	57	1,410	2,040	129

**Total does not include asymptomatic infections*

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2013 & 2014 YTD West Nile Virus Comparisons		
	2013	2014
Total # Dead Bird Reports	10,236	9,355
# Positive Counties	37	36
# Human Cases	37	57
# Positive Dead Birds / # Tested	705 / 2,296	1,410 / 2,491
# Positive Mosquito Pools / # Tested	1,349 / 19,219	2,040 / 18,351
# Seroconversions / # Tested	174 / 10,770	129 / 9,471

TESTING SUMMARIES

Humans

		WNV		WEEV		SLEV	
		Local	Imported	Local	Imported	Local	Imported
Human Cases	Week	21	0	0	0	0	0
	YTD	57	0	0	0	0	0

Dead Birds

		Number Tested	WNV Positive
Dead Birds	Week	273	218
	YTD	2,491	1,410

Chickens & Mosquitoes

		Number Tested	WNV Positive	SLEV Positive	WEEV Positive
Chicken Sera	Week	503	23	0	0
	YTD	9,471	129	0	0
Mosquito Pools	Week	1,664	420	0	0
	YTD	18,351	2,040	0	0

NEW POSITIVES

Dead Birds

County	Agency	City	Zip	Species	Reported	Virus	Method
Alameda	Alameda Co MAD	Castro Valley	94546	House Finch	8/7/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Dublin	94568	Black-billed Magpie	8/5/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Livermore	94550	Sparrow	8/4/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Livermore	94550	House Sparrow	8/6/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Livermore	94550	Sparrow	8/7/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Livermore	94550	Western Bluebird	8/7/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Livermore	94550	American Crow	8/11/2014	WNV	RAMP
Alameda	Alameda Co MAD	Livermore	94550	American Crow	8/12/2014	WNV	RAMP
Alameda	Alameda Co MAD	Livermore	94550	Common Raven	8/12/2014	WNV	RAMP
Alameda	Alameda Co MAD	Livermore	94551	American Crow	8/14/2014	WNV	RAMP
Alameda	Alameda Co MAD	Livermore	94550	American Crow	8/14/2014	WNV	RAMP
Alameda	Alameda Co MAD	Livermore	94550	American Crow	8/14/2014	WNV	RAMP
Alameda	Alameda Co MAD	Pleasanton	94556	American Crow	8/14/2014	WNV	RAMP
Butte	Butte Co MVCD	Chico	95973	Hawk	7/29/2014	WNV	RT-PCR
Butte	Butte Co MVCD	Chico	95928	Western Scrub-Jay	8/6/2014	WNV	RT-PCR

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Butte	Butte Co MVCD	Oroville	95965	House Sparrow	7/30/2014	WNV	RT-PCR
Colusa	Colusa MAD	Williams	95987	American Crow	8/6/2014	WNV	RT-PCR
Contra Costa	Contra Costa MVCD	Brentwood	94513	American Crow	8/11/2014	WNV	RAMP
Contra Costa	Contra Costa MVCD	Concord	94518	American Crow	8/10/2014	WNV	RAMP
Glenn	Glenn Co MVCD	Orland	95963	Western Scrub-Jay	7/31/2014	WNV	RT-PCR
Glenn	Glenn Co MVCD	Orland	95963	Western Scrub-Jay	8/12/2014	WNV	RT-PCR
Kern	Kern MVCD	Bakersfield	93306	American Crow	8/7/2014	WNV	RT-PCR
Kings	Kings MAD	Hanford	93230	House Sparrow	8/5/2014	WNV	RT-PCR
Lake	Lake Co VCD	Clearlake	95422	Finch	8/4/2014	WNV	RT-PCR
Lake	Lake Co VCD	Cobb	95426	Steller's Jay	8/7/2014	WNV	RT-PCR
Lake	Lake Co VCD	Kelseyville	95451	House Finch	7/31/2014	WNV	RT-PCR
Lake	Lake Co VCD	Kelseyville	95451	Western Scrub-Jay	7/31/2014	WNV	RT-PCR
Lake	Lake Co VCD	Lucerne	95458	American Crow	8/1/2014	WNV	RT-PCR
Lake	Lake Co VCD	Upper Lake	95485	American Crow	8/12/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	Culver City	90230	American Crow	8/6/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	Culver City	90230	American Crow	8/11/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	Lawndale	90260	American Crow	8/12/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	Los Angeles	90064	American Crow	8/11/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	Los Angeles	90066	American Crow	8/11/2014	WNV	RT-PCR
Los Angeles	Greater Los Angeles Co VCD - Sylmar	Northridge	91325	American Crow	8/8/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	Redondo Beach	90278	American Crow	8/8/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	Torrance	90504	American Crow	8/10/2014	WNV	RT-PCR
Los Angeles	Los Angeles Co West VCD	West Los Angeles	90025	American Crow	8/11/2014	WNV	RT-PCR
Marin	Marin-Sonoma MVCD	Novato	94947	Western Scrub-Jay	8/6/2014	WNV	RT-PCR
Orange	Orange Co VCD	Anaheim	92801	American Crow	8/4/2014	WNV	RT-PCR
Orange	Orange Co VCD	Anaheim	92804	American Crow	8/6/2014	WNV	RT-PCR
Orange	Orange Co VCD	Costa Mesa	92626	American Crow	8/6/2014	WNV	RT-PCR
Orange	Orange Co VCD	Fountain Valley	92708	American Crow	8/5/2014	WNV	RT-PCR
Orange	Orange Co VCD	Fountain Valley	92708	American Crow	8/8/2014	WNV	RT-PCR
Orange	Orange Co VCD	Fountain Valley	92708	Cooper's Hawk	8/8/2014	WNV	RT-PCR
Orange	Orange Co VCD	Garden Grove	92840	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92649	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92647	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92649	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92614	American Crow	8/6/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92614	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	La Habra	90631	California Towhee	8/5/2014	WNV	RT-PCR
Orange	Orange Co VCD	Lake Forest	92630	American Crow	8/8/2014	WNV	RT-PCR
Orange	Orange Co VCD	Los Alamitos	90720	Northern Mockingbird	8/8/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92687	American Crow	8/5/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92865	American Crow	8/6/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92687	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92865	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92869	American Crow	8/8/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92701	American Crow	8/4/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92701	American Crow	8/4/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92706	American Crow	8/5/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92704	American Crow	8/5/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92701	American Crow	8/5/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92704	American Crow	8/6/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92704	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92704	American Crow	8/7/2014	WNV	RT-PCR

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Orange	Orange Co VCD	Santa Ana	92706	American Crow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92707	House Sparrow	8/7/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa ana	92704	American Crow	8/8/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92706	Northern Mockingbird	8/8/2014	WNV	RT-PCR
Orange	Orange Co VCD	Westminster	92683	American Crow	8/6/2014	WNV	RT-PCR
Orange	Orange Co VCD	Yorba Linda	92886	American Goldfinch	8/5/2014	WNV	RT-PCR
Placer	Placer MVCD	Granite Bay	95746	Western Scrub-Jay	8/7/2014	WNV	RT-PCR
Placer	Placer MVCD	Loomis	95650	House Finch	8/7/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Citrus Heights	95610	Western Scrub-Jay	8/11/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Elk Grove	95757	Western Scrub-Jay	8/3/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Elk Grove	95758	Western Scrub-Jay	8/4/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Elk Grove	95624	American Crow	8/12/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Elk Grove	95624	White-tailed Kite	8/12/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Elverta	95626	Yellow-billed Magpie	8/6/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Fair Oaks	95628	American Crow	8/3/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Fair Oaks	95628	American Crow	8/10/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Fair Oaks	95628	American Crow	8/11/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Galt	95632	American Robin	8/7/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Herald	95638	Western Scrub-Jay	8/10/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	North Highlands	95660	American Crow	8/6/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Orangevale	95662	Western Scrub-Jay	8/5/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Orangevale	95662	Western Scrub-Jay	8/12/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Rancho Cordova	95670	Yellow-billed Magpie	8/11/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Rio Linda	95673	American Crow	8/4/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95835	American Crow	8/3/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95831	Western Scrub-Jay	8/3/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95819	Western Scrub-Jay	8/3/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	American Crow	8/4/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	American Crow	8/5/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	Northern Mockingbird	8/5/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95831	Western Scrub-Jay	8/6/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	American Crow	8/7/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95835	Western Scrub-Jay	8/8/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95831	Western Scrub-Jay	8/10/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Sacramento	95831	American Crow	8/11/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	West Sacramento	95691	American Crow	8/6/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Wilton	95693	Yellow-billed Magpie	8/1/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Wilton	95693	Western Bluebird	8/6/2014	WNV	RT-PCR
Sacramento	Sacramento-Yolo MVCD	Wilton	95693	Western Bluebird	8/6/2014	WNV	RT-PCR
San Bernardino	West Valley MVCD	Ontario	91762	American Crow	7/23/2014	WNV	RT-PCR
San Bernardino	West Valley MVCD	Rancho Cucamonga	91701	Western Scrub-Jay	8/4/2014	WNV	RT-PCR
San Diego	San Diego Co VCP	El Cajon	92021	Sharp-shinned Hawk	8/4/2014	WNV	RT-PCR
San Diego	San Diego Co VCP	La Mesa	91941	Western Scrub-Jay	8/12/2014	WNV	RT-PCR
San Diego	San Diego Co VCP	San Diego	92119	American Crow	8/7/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Lodi	95240	Western Scrub-Jay	8/11/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Lodi	95240	Snowy Egret	8/13/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Manteca	95337	House Sparrow	8/11/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Manteca	95337	Western Scrub-Jay	8/14/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Stockton	95207	Goldfinch	8/11/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Stockton	95205	Western Scrub-Jay	8/11/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Stockton	95206	American Crow	8/13/2014	WNV	RT-PCR

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San Joaquin	San Joaquin Co MVCD	Tracy	95376	American Robin	8/14/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	94043	94043	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Campbell	95008	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Campbell	95008	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/5/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Altos	94024	Western Scrub-Jay	8/5/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Altos	94024	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Altos	94024	Common Raven	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Gatos	95035	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Gatos	95032	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Palo Alto	94301	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95125	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95128	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95118	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95122	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95127	Steller's Jay	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95127	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95128	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95127	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95123	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95126	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95126	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95125	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95125	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95128	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95128	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95128	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95123	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95128	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95054	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/7/2014	WNV	RT-PCR

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Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	Western Scrub-Jay	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	Western Scrub-Jay	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	Western Scrub-Jay	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94089	American Crow	8/5/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94086	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/6/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94086	American Crow	8/7/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94089	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/8/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/10/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94085	American Crow	8/11/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94089	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/12/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/12/2014	WNV	RT-PCR
Solano	Solano Co MAD	Fairfield	94533	American Crow	8/8/2014	WNV	RAMP
Solano	Solano Co MAD	Fairfield	94534	American Crow	8/12/2014	WNV	RAMP
Solano	Solano Co MAD	Rio Vista	94571	Western Scrub-Jay	8/5/2014	WNV	RAMP
Sonoma	Marin-Sonoma MVCD	Santa Rosa	95403	American Crow	8/6/2014	WNV	RT-PCR
Stanislaus	Turlock MAD	Ceres	95307	Western Scrub-Jay	8/7/2014	WNV	RT-PCR
Stanislaus	Turlock MAD	Denair	95316	Sparrow	8/7/2014	WNV	RT-PCR
Stanislaus	Turlock MAD	Turlock	95380	Yellow-billed Magpie	8/7/2014	WNV	RT-PCR
Tulare	Delta VCD	Visalia	93277	Western Scrub-Jay	8/6/2014	WNV	RT-PCR
Ventura	Ventura Co Env Health Dept	Ventura	93001	American Crow	8/4/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Davis	95616	American Crow	8/3/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Davis	95616	American Crow	8/3/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Davis	95616	Yellow-billed Magpie	8/3/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Davis	95618	American Crow	8/4/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Davis	95616	American Crow	8/5/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Davis	95618	American Crow	8/5/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Davis	95616	Yellow-billed Magpie	8/8/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	West Sacramento	95691	Western Scrub-Jay	8/10/2014	WNV	RT-PCR
Yolo	Sacramento-Yolo MVCD	Woodland	95695	Western Scrub-Jay	8/2/2014	WNV	RT-PCR
Yuba	Sutter-Yuba MVCD	Olivehurst	95961	Western Scrub-Jay	8/5/2014	WNV	RT-PCR
Yuba	Sutter-Yuba MVCD	Olivehurst	95961	Western Bluebird	8/8/2014	WNV	RT-PCR

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Mosquitoes

County	Site Code	Pool #	City	Species	# in Pool	Trap	Collected	Virus	Method
Alameda	ALCO215	81	Livermore	Cx. pipiens	8	CO2	7/29/2014	WNV	RTPCR
Alameda	ALCO217	85	Livermore	Cx. tarsalis	34	CO2	7/30/2014	WNV	RTPCR
Alameda	ALCO217	86	Livermore	Cx. pipiens	37	CO2	7/30/2014	WNV	RTPCR
Alameda	ALCO217	121	Livermore	Cx. tarsalis	13	CO2	8/7/2014	WNV	RTPCR
Butte	BUCO55	132	Palermo	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Butte	BUCO55	133	Palermo	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Butte	BUCO69	121	Oroville	Cx. pipiens	50	CO2	7/30/2014	WNV	RTPCR
Butte	BUCO69	124	Oroville	Cx. tarsalis	40	CO2	7/30/2014	WNV	RTPCR
Butte	BUCO91	125	Biggs	Cx. tarsalis	50	CO2	7/30/2014	WNV	RTPCR
Butte	BUCO91	126	Biggs	Cx. pipiens	32	CO2	7/30/2014	WNV	RTPCR
Contra Costa	CNTR2771	263	Discovery Bay	Cx. pipiens	31	CO2	8/12/2014	WNV	RAMP
Contra Costa	CNTR5765	269	Concord	Cx. tarsalis	6	CO2	8/13/2014	WNV	RAMP
Fresno	CNSL1773	449	Clovis	Cx. quinquefasciatus	41	GRVD	8/12/2014	WNV	RTPCR
Fresno	CNSL1867	443	Fresno	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Fresno	CNSL3064	434	Reedley	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Fresno	CNSL3068	435	Reedley	Cx. quinquefasciatus	45	GRVD	8/7/2014	WNV	RTPCR
Fresno	CNSL3225	438	Reedley	Cx. quinquefasciatus	41	GRVD	8/7/2014	WNV	RTPCR
Fresno	CNSL3244	436	Reedley	Cx. quinquefasciatus	44	GRVD	8/7/2014	WNV	RTPCR
Fresno	CNSL3269	437	Reedley	Cx. quinquefasciatus	48	GRVD	8/7/2014	WNV	RTPCR
Fresno	CNSL5030	448	Kingsburg	Cx. quinquefasciatus	14	GRVD	8/12/2014	WNV	RTPCR
Fresno	CNSL5031	439	Kingsburg	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Fresno	CNSL5099	441	Kingsburg	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Fresno	CNSL5105	440	Kingsburg	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Fresno	CNSL6174	431	Riverdale	Cx. quinquefasciatus	49	GRVD	8/6/2014	WNV	RTPCR
Fresno	CNSL6189	446	Laton	Cx. tarsalis	18	CO2	8/12/2014	WNV	RTPCR
Fresno	FRWS1101	98	Dos Palos	Cx. tarsalis	36	CO2	8/12/2014	WNV	RTPCR
Fresno	FRWS1202	69	Dos Palos	Cx. tarsalis	50	CO2	7/29/2014	WNV	RTPCR
Fresno	FRWS1202	88	Dos Palos	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Fresno	FRWS400007	103	Kerman	Cx. tarsalis	50	CO2	8/13/2014	WNV	RTPCR
Fresno	FRWS400007	104	Kerman	Cx. quinquefasciatus	32	CO2	8/13/2014	WNV	RTPCR
Fresno	FRWS400015	99	Kerman, CA	Cx. quinquefasciatus	50	CO2	8/13/2014	WNV	RTPCR
Fresno	FRWS4301	86	Cantua Creek	Cx. quinquefasciatus	50	CO2	8/7/2014	WNV	RTPCR
Kern	DLNO39	87	Delano	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Kern	DLNO40	83	Delano	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Kern	KERN115	367	Bakersfield	Cx. quinquefasciatus	50	CO2	8/5/2014	WNV	RTPCR
Kern	KERN115	368	Bakersfield	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Kern	KERN156	374	Butttonwillow	Cx. tarsalis	39	CO2	8/5/2014	WNV	RTPCR
Kern	KERN2040	365	Arvin	Cx. quinquefasciatus	42	GRVD	8/5/2014	WNV	RTPCR
Kern	KERN28	392	Bakersfield	Cx. tarsalis	18	CO2	8/8/2014	WNV	RTPCR
Kern	KERN30	387	Wasco	Cx. quinquefasciatus	50	CO2	8/7/2014	WNV	RTPCR
Kern	KERN30	388	Wasco	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Kern	KERN3041	395	Bakersfield	Cx. quinquefasciatus	50	CO2	8/8/2014	WNV	RTPCR
Kern	KERN3041	396	Bakersfield	Cx. tarsalis	50	CO2	8/8/2014	WNV	RTPCR
Kings	KNGS3004	347	Lemoore	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3004	348	Lemoore	Cx. pipiens	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3007	374	Halls Corner	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Kings	KNGS3007	375	Halls Corner	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Kings	KNGS3007	376	Halls Corner	Cx. tarsalis	15	CO2	8/7/2014	WNV	RTPCR
Kings	KNGS3007	377	Halls Corner	Cx. pipiens	19	CO2	8/7/2014	WNV	RTPCR
Kings	KNGS3007	378	Halls Corner	Cx. pipiens	50	CO2	8/7/2014	WNV	RTPCR

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Kings	KNGS3018	360	Lemoore	Cx. tarsalis	19	CO2	8/6/2014	WNV	RTPCR
Kings	KNGS3030	343	Lemoore	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3030	344	Lemoore	Cx. pipiens	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3030	382	Lemoore	Cx. pipiens	38	GRVD	8/8/2014	WNV	RTPCR
Kings	KNGS3033	335	Hanford	Cx. tarsalis	10	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3079	337	Lemoore	Cx. tarsalis	6	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3079	338	Lemoore	Cx. pipiens	11	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3102	352	Armona	Cx. pipiens	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3106	353		Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3106	354		Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3106	355		Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3106	356		Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS3303	372		Cx. pipiens	31	BGSENT	8/7/2014	WNV	RTPCR
Kings	KNGS4007	381	Lemoore	Cx. pipiens	26	GRVD	8/8/2014	WNV	RTPCR
Kings	KNGS4009	379	Armona	Cx. pipiens	12	GRVD	8/8/2014	WNV	RTPCR
Kings	KNGS4009	380	Armona	Cx. pipiens	50	GRVD	8/8/2014	WNV	RTPCR
Kings	KNGS4401	365	Lemoore	Cx. pipiens	37	BGSENT	8/6/2014	WNV	RTPCR
Kings	KNGS4403	366	Lemoore	Cx. pipiens	13	BGSENT	8/6/2014	WNV	RTPCR
Kings	KNGS5504	373	Hanford	Cx. pipiens	29	BGSENT	8/7/2014	WNV	RTPCR
Kings	KNGS5507	327	Hanford	Cx. tarsalis	19	BGSENT	8/5/2014	WNV	RTPCR
Kings	KNGS5507	328	Hanford	Cx. pipiens	50	BGSENT	8/5/2014	WNV	RTPCR
Kings	KNGS5507	330	Hanford	Cx. pipiens	50	BGSENT	8/5/2014	WNV	RTPCR
Kings	KNGS5507	331	Hanford	Cx. pipiens	50	BGSENT	8/5/2014	WNV	RTPCR
Kings	KNGS5507	369	Hanford	Cx. pipiens	22	GRVD	8/7/2014	WNV	RTPCR
Kings	KNGS5509	383		Cx. tarsalis	8	BGSENT	8/8/2014	WNV	RTPCR
Kings	KNGS5509	384		Cx. pipiens	22	BGSENT	8/8/2014	WNV	RTPCR
Kings	KNGS5511	385		Cx. pipiens	21	BGSENT	8/8/2014	WNV	RTPCR
Kings	KNGS5513	386		Cx. tarsalis	16	BGSENT	8/8/2014	WNV	RTPCR
Kings	KNGS8014	370	Laton	Cx. pipiens	28	GRVD	8/7/2014	WNV	RTPCR
Kings	KNGS8022	339	Lemoore	Cx. tarsalis	37	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS8022	340	Lemoore	Cx. pipiens	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS8032	345	Hanford	Cx. tarsalis	8	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS8032	346	Hanford	Cx. pipiens	50	CO2	8/5/2014	WNV	RTPCR
Kings	KNGS8033	363	Hanford	Cx. tarsalis	13	CO2	8/6/2014	WNV	RTPCR
Lake	LAKE1000	489	Upper Lake	Cx. tarsalis	13	REST	8/5/2014	WNV	RTPCR
Lake	LAKE1508	462	Kelseyville	Cx. stigmatosoma	39	REST	7/30/2014	WNV	RTPCR
Lake	LAKE1508	507	Kelseyville	Cx. stigmatosoma	35	REST	8/6/2014	WNV	RTPCR
Lake	LAKE195	509	Lakeport	Cx. stigmatosoma	18	REST	8/6/2014	WNV	RTPCR
Lake	LAKE302	475	Clear Lake Oaks	Cx. tarsalis	50	CO2	7/30/2014	WNV	RTPCR
Lake	LAKE305	515	Hidden Valley Lake	Cx. tarsalis	50	CO2	8/6/2014	WNV	RTPCR
Lake	LAKE315	469	Kelseyville	Cx. tarsalis	37	REST	7/31/2014	WNV	RTPCR
Lake	LAKE317	472	Kelseyville	Cx. tarsalis	50	REST	7/31/2014	WNV	RTPCR
Lake	LAKE325	466	Upper Lake	Cx. tarsalis	50	CO2	7/30/2014	WNV	RTPCR
Lake	LAKE325	493	Upper Lake	Cx. tarsalis	46	CO2	8/5/2014	WNV	RTPCR
Lake	LAKE325	539	Upper Lake	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Lake	LAKE327	487	Upper Lake	Cx. tarsalis	42	REST	8/5/2014	WNV	RTPCR
Lake	LAKE327	547	Upper Lake	Cx. tarsalis	22	REST	8/12/2014	WNV	RTPCR
Lake	LAKE80	497	Upper Lake	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Lake	LAKE80	498	Upper Lake	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Lake	LAKE80	550	Upper Lake	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Lake	LAKE80	551	Upper Lake	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Lake	LAKE80	552	Upper Lake	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Lake	LAKE84	501	Upper Lake	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Lake	LAKE94	483	Upper Lake	Cx. tarsalis	50	CO2	7/30/2014	WNV	RTPCR

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Lake	LAKE94	504	Upper Lake	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Lake	LAKE94	505	Upper Lake	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Los Angeles	GRLA2030	5554	West Hills	Cx. quinquefasciatus	27	GRVD	8/8/2014	WNV	RTPCR
Los Angeles	GRLA2221	497	Rowland Heights	Cx. quinquefasciatus	15	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA2222	501	Rowland Heights	Cx. quinquefasciatus	22	CO2	8/7/2014	WNV	RTPCR
Los Angeles	GRLA2230	496	Diamond Bar	Cx. quinquefasciatus	29	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA2278	488	Long Beach	Cx. quinquefasciatus	26	GRVD	8/6/2014	WNV	RTPCR
Los Angeles	GRLA2329	490	Whittier	Cx. quinquefasciatus	13	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA2438	5557	Chatsworth	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Los Angeles	GRLA2550	5550	Mission Hills	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Los Angeles	GRLA2554	5552	Winnetka	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Los Angeles	GRLA2724	5553	Canoga Park	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Los Angeles	GRLA2889	489	Lakewood	Cx. quinquefasciatus	16	GRVD	8/6/2014	WNV	RTPCR
Los Angeles	GRLA2890	487	Lakewood	Cx. quinquefasciatus	38	GRVD	8/6/2014	WNV	RTPCR
Los Angeles	GRLA2962	5558	Chatsworth	Cx. quinquefasciatus	43	GRVD	8/8/2014	WNV	RTPCR
Los Angeles	GRLA3029	5546	Arleta	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA3036	5555	Canoga Park	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Los Angeles	GRLA3042	494	Hacienda Heights	Cx. quinquefasciatus	43	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA3044	492	South El Monte	Cx. quinquefasciatus	25	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA3045	500	Whittier	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA3052	499	La Habra Heights	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA3053	498	Hacienda Heights	Cx. quinquefasciatus	39	GRVD	8/7/2014	WNV	RTPCR
Los Angeles	GRLA3068	479	Wilmington	Cx. quinquefasciatus	50	GRVD	8/5/2014	WNV	RTPCR
Los Angeles	LACW1049	125	Inglewood	Cx. quinquefasciatus	34	GRVD	8/5/2014	WNV	RTPCR
Los Angeles	LONG803	48	Long Beach	Cx. quinquefasciatus	29	CO2	8/5/2014	WNV	RTPCR
Los Angeles	SGVA873	193	La Verne	Cx. quinquefasciatus	4	CO2	8/12/2014	WNV	RAMP
Madera	MADR1018	82		Cx. tarsalis	25	CO2	7/24/2014	WNV	RTPCR
Madera	MADR1031	79		Cx. tarsalis	25	CO2	7/23/2014	WNV	RTPCR
Madera	MADR1039	87	Madera Ranchos	Cx. tarsalis	50	CO2	7/29/2014	WNV	RTPCR
Madera	MADR204	99	Madera	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Madera	MADR214	84	Madera	Cx. tarsalis	22	CO2	7/25/2014	WNV	RTPCR
Madera	MADR223	91	MADERA	Cx. quinquefasciatus	50	CO2	7/31/2014	WNV	RTPCR
Madera	MADR229	95	Madera	Cx. quinquefasciatus	50	CO2	8/5/2014	WNV	RTPCR
Merced	MERC404	87	Hilmar	Cx. pipiens	6	CO2	8/7/2014	WNV	RTPCR
Merced	MERC405	88	Hilmar	Cx. tarsalis	2	CO2	8/7/2014	WNV	RTPCR
Merced	TRLK312	515	Newman	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Orange	ORCO1015	1183	Orange	Cx. quinquefasciatus	11	CO2	8/6/2014	WNV	RTPCR
Orange	ORCO1015	1184	Orange	Cx. quinquefasciatus	4	CO2	8/6/2014	WNV	RTPCR
Orange	ORCO1015	1197	Orange	Cx. quinquefasciatus	8	CO2	8/7/2014	WNV	RTPCR
Orange	ORCO1020	1246	Seal Beach	Cx. quinquefasciatus	21	GRVD	8/8/2014	WNV	RTPCR
Orange	ORCO137	1243	Anaheim	Cx. quinquefasciatus	23	CO2	8/8/2014	WNV	RTPCR
Orange	ORCO137	1244	Anaheim	Cx. quinquefasciatus	42	CO2	8/8/2014	WNV	RTPCR
Orange	ORCO184	1187	Laguna Woods	Cx. quinquefasciatus	30	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO199	1176	Costa Mesa	Cx. quinquefasciatus	43	GRVD	8/6/2014	WNV	RTPCR
Orange	ORCO207	1193	Santa Ana	Cx. quinquefasciatus	4	CO2	8/7/2014	WNV	RTPCR
Orange	ORCO213	1195	Garden Grove	Cx. quinquefasciatus	4	CO2	8/7/2014	WNV	RTPCR
Orange	ORCO216	1196	Orange	Cx. quinquefasciatus	4	CO2	8/7/2014	WNV	RTPCR
Orange	ORCO217	1207	Santa Ana	Cx. quinquefasciatus	31	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO217	1208	Santa Ana	Cx. quinquefasciatus	30	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO217	1218	Santa Ana	Cx. quinquefasciatus	41	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO217	1219	Santa Ana	Cx. quinquefasciatus	35	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO217	1220	Santa Ana	Cx. quinquefasciatus	30	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO218	1186	Anaheim	Cx. quinquefasciatus	30	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO22	1211	Irvine	Cx. tarsalis	48	CO2	8/7/2014	WNV	RTPCR

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Orange	ORCO222	1181	San Clemente	Cx. erythrothorax	50	CO2	8/6/2014	WNV	RTPCR
Orange	ORCO3	1170	Garden Grove	Cx. quinquefasciatus	50	GRVD	8/5/2014	WNV	RTPCR
Orange	ORCO3	1171	Garden Grove	Cx. quinquefasciatus	29	GRVD	8/5/2014	WNV	RTPCR
Orange	ORCO3	1188	Garden Grove	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO3	1189	Garden Grove	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO3	1190	Garden Grove	Cx. quinquefasciatus	37	GRVD	8/7/2014	WNV	RTPCR
Orange	ORCO33	1174	Westminster	Cx. quinquefasciatus	36	GRVD	8/6/2014	WNV	RTPCR
Orange	ORCO4	1177	Huntington Beach	Cx. quinquefasciatus	20	GRVD	8/6/2014	WNV	RTPCR
Orange	ORCO5	1175	Huntington Beach	Cx. quinquefasciatus	25	GRVD	8/6/2014	WNV	RTPCR
Orange	ORCO6	1213	Irvine	Cx. tarsalis	9	CO2	8/7/2014	WNV	RTPCR
Placer	PLCR1003	1122	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR1003	1123	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR1003	1126	Lincoln	Cx. tarsalis	21	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR1070	1269	Roseville	Cx. tarsalis	50	CO2	8/12/2014	WNV	PCR
Placer	PLCR1070	1270	Roseville	Cx. tarsalis	50	CO2	8/12/2014	WNV	PCR
Placer	PLCR1070	1271	Roseville	Cx. tarsalis	50	CO2	8/12/2014	WNV	PCR
Placer	PLCR1113	1140	Pleasant Grove	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR1114	1158	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR1114	1159	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR139	1113	Roseville	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR139	1115	Roseville	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR139	1119	Roseville	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR17	1284	Sheridan	Cx. tarsalis	50	CO2	8/12/2014	WNV	PCR
Placer	PLCR185422	1222		Cx. tarsalis	43	CO2	8/6/2014	WNV	RTPCR
Placer	PLCR185583	1240	Rocklin	Cx. tarsalis	1	CO2	8/8/2014	WNV	PCR
Placer	PLCR25	1176	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR25	1177	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR25	1178	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR25	1179	Lincoln	Cx. tarsalis	20	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR25	1257	Lincoln	Cx. tarsalis	50	CO2	8/12/2014	WNV	PCR
Placer	PLCR30	1277	Lincoln	Cx. pipiens	50	CO2	8/12/2014	WNV	PCR
Placer	PLCR516	1249	Roseville	Cx. tarsalis	21	CO2	8/12/2014	WNV	PCR
Placer	PLCR58	1171	Lincoln	Cx. tarsalis	50	CO2	8/5/2014	WNV	RTPCR
Placer	PLCR58	1260	Lincoln	Cx. tarsalis	50	CO2	8/12/2014	WNV	PCR
Placer	PLCR88	1075	Lincoln	Cx. tarsalis	33	CO2	7/30/2014	WNV	RTPCR
Placer	PLCR88	1218	Lincoln	Cx. tarsalis	4	CO2	8/6/2014	WNV	RTPCR
Riverside	COAV122	985	Mecca	Cx. tarsalis	13	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV123	988	Mecca	Cx. tarsalis	35	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV34	1015	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV37	1010	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV37	1012	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV45	999	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV45	1000	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV45	1001	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV46	987	Mecca	Cx. tarsalis	38	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV48	994	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV48	996	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV542	1002	Mecca	Cx. tarsalis	7	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV611	992	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Riverside	COAV611	993	Mecca	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO202006	4698	Sacramento	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO202006	4701	Sacramento	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO203012	4498	Antelope	Cx. pipiens	50	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO203012	4499	Antelope	Cx. pipiens	6	GRVD	8/12/2014	WNV	RTPCR

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Sacramento	SAYO204034	4494	Carmichael	Cx. pipiens	22	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO205003	4467	Orangevale	Cx. pipiens	18	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO213015	4740	Arden Park	Cx. pipiens	13	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO213046	4741	Sacramento	Cx. pipiens	5	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO213046	4742	Sacramento	Cx. pipiens	21	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO214021	4748	Rancho Cordova	Cx. tarsalis	8	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO214021	4749	Rancho Cordova	Cx. pipiens	14	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO214021	4750	Rancho Cordova	Cx. pipiens	37	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO214022	4745	Rancho Cordova	Cx. tarsalis	10	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO214022	4746	Rancho Cordova	Cx. pipiens	7	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO214022	4747	Rancho Cordova	Cx. pipiens	27	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO222045	4543	Sacramento	Cx. tarsalis	2	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO222052	4553	Sacramento	Cx. pipiens	19	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO223006	4762	South Watt Avenue	Cx. tarsalis	11	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO223006	4763	South Watt Avenue	Cx. pipiens	13	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO223016	4548	Sacramento	Cx. pipiens	5	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO223023	4752	Rancho Cordova	Cx. pipiens	15	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO223032	4743	Sacramento	Cx. pipiens	20	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO223032	4744	Sacramento	Cx. pipiens	30	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO223054	4547	Sacramento	Cx. pipiens	36	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO224003	4768	Rancho Cordova	Cx. pipiens	10	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO224010	4757	Sacramento	Cx. tarsalis	25	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO224010	4759	Sacramento	Cx. pipiens	35	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO224010	4760	Sacramento	Cx. pipiens	50	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO224010	4761	Sacramento	Cx. pipiens	19	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO232002	4562	Sacramento	Cx. pipiens	26	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO232022	4535	Elk Grove	Cx. pipiens	9	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO232022	4536	Elk Grove	Cx. pipiens	13	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO233001	4508	Elk Grove	Cx. pipiens	26	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO233010	4529	Sacramento	Cx. pipiens	1	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO233010	4530	Sacramento	Cx. pipiens	23	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO233015	4505	Sacramento	Cx. pipiens	24	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO234010	4523	Sacramento	Cx. pipiens	16	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO234012	4524	Elk Grove	Cx. tarsalis	22	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO236002	4675	Rancho Murieta	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO236002	4676	Rancho Murieta	Cx. pipiens	10	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO236002	4677	Rancho Murieta	Cx. pipiens	1	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO242012	4430	Elk Grove	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Sacramento	SAYO242012	4431	Elk Grove	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Sacramento	SAYO242012	4450	Elk Grove	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Sacramento	SAYO242012	4454	Elk Grove	Cx. tarsalis	20	CO2	8/7/2014	WNV	RTPCR
Sacramento	SAYO243010	4531	Elk Grove	Cx. tarsalis	10	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO243010	4532	Elk Grove	Cx. pipiens	2	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO243010	4533	Elk Grove	Cx. pipiens	11	GRVD	8/12/2014	WNV	RTPCR
Sacramento	SAYO243016	4517	Elk Grove	Cx. pipiens	50	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO243016	4518	Elk Grove	Cx. pipiens	50	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO243020	4500	Elk Grove	Cx. pipiens	5	CO2	8/12/2014	WNV	RTPCR
Sacramento	SAYO243026	4642	Elk Grove	Cx. tarsalis	6	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO244003	4663	Wilton	Cx. pipiens	3	GRVD	8/14/2014	WNV	RTPCR
Sacramento	SAYO245008	4659	Wilton	Cx. pipiens	41	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO245026	4678	Wilton	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO245026	4680	Wilton	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR

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Sacramento	SAYO254007	4630	Galt	Cx. tarsalis	16	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO254007	4632	Galt	Cx. pipiens	37	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO254016	4619	Galt	Cx. pipiens	50	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO254018	4626	Galt	Cx. pipiens	41	CO2	8/14/2014	WNV	RTPCR
Sacramento	SAYO261003	4422	Isleton	Cx. pipiens	11	CO2	8/7/2014	WNV	RTPCR
Sacramento	SAYO271007	4425	Isleton	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Sacramento	SAYO271007	4426	Isleton	Cx. tarsalis	19	CO2	8/7/2014	WNV	RTPCR
San Bernardino	SANB39	250	Upland	Cx. quinquefasciatus	14	CO2	8/5/2014	WNV	RTPCR
San Bernardino	WVAL1007	891	Ontario	Cx. quinquefasciatus	50	CO2	8/5/2014	WNV	RTPCR
San Bernardino	WVAL1007	949	Ontario	Cx. quinquefasciatus	26	CO2	8/12/2014	WNV	RTPCR
San Bernardino	WVAL1007	950	Ontario	Cx. quinquefasciatus	50	CO2	8/12/2014	WNV	RTPCR
San Bernardino	WVAL1008	944	Ontario	Cx. quinquefasciatus	39	CO2	8/12/2014	WNV	RTPCR
San Bernardino	WVAL2012	896	Chino	Cx. quinquefasciatus	50	CO2	8/5/2014	WNV	RTPCR
San Bernardino	WVAL2018	942	Chino	Cx. quinquefasciatus	23	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL2019	971	Chino	Cx. quinquefasciatus	22	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL5004	955	Rancho Cucamonga	Cx. quinquefasciatus	17	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL5005	980	Rancho Cucamonga	Cx. quinquefasciatus	35	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL6004	945	Ontario	Cx. quinquefasciatus	6	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL6004	981	Ontario	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL6004	983	Ontario	Cx. quinquefasciatus	24	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL6004	984	Ontario	Cx. quinquefasciatus	48	GRVD	8/12/2014	WNV	RTPCR
San Bernardino	WVAL6009	976	Ontario	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
San Joaquin	SJCM7011	1171	Stockton	Cx. pipiens	3	GRVD	8/12/2014	WNV	RTPCR
San Joaquin	SJCM7016	1145	Tracy	Cx. pipiens	8	GRVD	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8021	1191	Lodi	Cx. tarsalis	31	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8026	1187	Stockton	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8027	1168	McDonald Isl. bridge	Cx. tarsalis	29	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8027	1169	McDonald Isl. bridge	Cx. pipiens	25	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8056	1129	Manteca	Cx. tarsalis	49	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8077	1180	Stockton	Cx. pipiens	25	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8079	1166	Manteca	Cx. pipiens	50	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8100	1142	Tracy	Cx. tarsalis	5	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8106	1137	Escalon	Cx. pipiens	5	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8161	1172	Ripon	Cx. tarsalis	22	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8161	1174	Ripon	Cx. pipiens	50	CO2	8/12/2014	WNV	RTPCR
San Joaquin	SJCM8161	1175	Ripon	Cx. pipiens	24	CO2	8/12/2014	WNV	RTPCR
San Mateo	SANM1	206	Portola Valley	Cx. tarsalis	1	CO2	8/7/2014	WNV	RTPCR
San Mateo	SANM1	209	Portola Valley	Cx. tarsalis	1	CO2	8/7/2014	WNV	RTPCR
Santa Clara	STCL2312	5384	Sunnyvale	Cx. pipiens	13	CO2	8/6/2014	WNV	RTPCR
Santa Clara	STCL2597	5392	Sunnyvale	Cx. pipiens	6	CO2	8/6/2014	WNV	RTPCR
Santa Clara	STCL2678	5380	San Jose	Cx. pipiens	29	CO2	8/5/2014	WNV	RTPCR
Santa Clara	STCL3129	5395	Mountain View	Cx. pipiens	13	CO2	8/6/2014	WNV	RTPCR
Shasta	SHAS10010	313	Anderson	Cx. pipiens	28	CO2	8/5/2014	WNV	RTPCR
Shasta	SHAS10010	350	Anderson	Cx. tarsalis	33	CO2	8/12/2014	WNV	RTPCR
Shasta	SHAS10020	304	Anderson	Cx. tarsalis	21	CO2	8/5/2014	WNV	RTPCR
Shasta	SHAS10030	306	Anderson	Cx. tarsalis	24	CO2	8/5/2014	WNV	RTPCR
Shasta	SHAS116	316	Anderson	Cx. tarsalis	34	CO2	8/5/2014	WNV	RTPCR
Shasta	SHAS242	344	Cottonwood	Cx. tarsalis	35	CO2	8/12/2014	WNV	RTPCR
Shasta	SHAS269	358	Redding	Cx. pipiens	13	CO2	8/13/2014	WNV	RTPCR
Solano	SOLA105	70	Vacaville	Cx. tarsalis	50	CO2	7/24/2014	WNV	RTPCR
Sonoma	MARN79	475	Santa Rosa	Cx. stigmatosoma	50	GRVD	8/12/2014	WNV	RTPCR

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Sonoma	MARN79	476	Santa Rosa	Cx. stigmatosoma	39	GRVD	8/12/2014	WNV	RTPCR
Stanislaus	EAST1086	14220	Modesto	Cx. pipiens	31	CO2	8/14/2014	WNV	RAMP
Stanislaus	EAST1087	14221	Modesto	Cx. pipiens	18	CO2	8/14/2014	WNV	RAMP
Stanislaus	TRLK1219	478	Modesto	Cx. tarsalis	13	CO2	8/5/2014	WNV	RTPCR
Stanislaus	TRLK1224	486	Ceres	Cx. tarsalis	17	CO2	8/7/2014	WNV	RTPCR
Stanislaus	TRLK1329	488	Modesto	Cx. pipiens	50	CO2	8/7/2014	WNV	RTPCR
Stanislaus	TRLK1329	491	Modesto	Cx. tarsalis	23	CO2	8/7/2014	WNV	RTPCR
Stanislaus	TRLK1329	492	Modesto	Cx. pipiens	50	CO2	8/7/2014	WNV	RTPCR
Stanislaus	TRLK1429	417	Turlock	Cx. tarsalis	50	CO2	7/31/2014	WNV	RTPCR
Stanislaus	TRLK305	526	Grayson	Cx. pipiens	50	CO2	8/12/2014	WNV	RTPCR
Stanislaus	TRLK307	535	Grayson	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Stanislaus	TRLK319	520	Newman	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Stanislaus	TRLK407	441	Turlock	Cx. pipiens	50	CO2	8/5/2014	WNV	RTPCR
Stanislaus	TRLK424	546	Patterson	Cx. tarsalis	41	CO2	8/12/2014	WNV	RTPCR
Stanislaus	TRLK502	543	Vernalis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Stanislaus	TRLK516	471	Denair	Cx. pipiens	39	CO2	8/5/2014	WNV	RTPCR
Stanislaus	TRLK9768	522	Grayson	Cx. pipiens	50	CO2	8/12/2014	WNV	RTPCR
Stanislaus	TRLK9768	525	Grayson	Cx. pipiens	50	CO2	8/12/2014	WNV	RTPCR
Sutter	SUYA103	308	Yuba City	Cx. tarsalis	21	CO2	8/4/2014	WNV	RTPCR
Sutter	SUYA107	321	Live Oak	Cx. tarsalis	45	REST	8/11/2014	WNV	RTPCR
Sutter	SUYA16	299	Pleasant Grove	Cx. tarsalis	14	REST	8/4/2014	WNV	RTPCR
Sutter	SUYA16	320	Pleasant Grove	Cx. tarsalis	23	REST	8/11/2014	WNV	RTPCR
Sutter	SUYA24	290	Yuba City	Cx. tarsalis	17	REST	8/4/2014	WNV	RTPCR
Sutter	SUYA24	324	Yuba City	Cx. tarsalis	24	REST	8/11/2014	WNV	RTPCR
Sutter	SUYA31	276	Rio Oso	Cx. tarsalis	41	REST	7/29/2014	WNV	RTPCR
Sutter	SUYA31	314	Rio Oso	Cx. tarsalis	50	REST	8/11/2014	WNV	RTPCR
Sutter	SUYA63	325	Pennington	Cx. tarsalis	43	REST	8/11/2014	WNV	RTPCR
Tulare	DLNO10	84	Earlimart	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLNO15	81	Earlimart	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLNO63	82	Ducor	Cx. quinquefasciatus	30	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLNO75	85	Earlimart	Cx. quinquefasciatus	25	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLNO76	80	Richgrove	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA6407	677	Dinuba	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Tulare	DLTA6408	676	Dinuba	Cx. quinquefasciatus	50	GRVD	8/7/2014	WNV	RTPCR
Tulare	DLTA6408	713	Dinuba	Cx. quinquefasciatus	25	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6408	714	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6408	715	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6408	716	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6408	717	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6408	719	Dinuba	Cx. quinquefasciatus	39	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6417	718	Dinuba	Cx. quinquefasciatus	27	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6417	720	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6417	721	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6417	722	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA6417	723	Dinuba	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA7316	675	Traver	Cx. quinquefasciatus	47	GRVD	8/7/2014	WNV	RTPCR
Tulare	DLTA8426	725	Visalia	Cx. quinquefasciatus	50	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA8427	724	Visalia	Cx. quinquefasciatus	21	GRVD	8/13/2014	WNV	RTPCR
Tulare	DLTA8501	708	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8501	709	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8501	710	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8502	711	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8502	712	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8511	699	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR

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Tulare	DLTA8511	700	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8512	698	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8512	705	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8512	706	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8512	707	Ivanhoe	Cx. quinquefasciatus	50	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA8523	704	Visalia	Cx. quinquefasciatus	23	GRVD	8/12/2014	WNV	RTPCR
Tulare	DLTA9602	697	Exeter	Cx. quinquefasciatus	28	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9604	692	Exeter	Cx. quinquefasciatus	24	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9604	693	Exeter	Cx. quinquefasciatus	48	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9604	694	Exeter	Cx. quinquefasciatus	10	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9604	695	Exeter	Cx. quinquefasciatus	39	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	679	Exeter	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	680	Exeter	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	681	Exeter	Cx. quinquefasciatus	39	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	682	Exeter	Cx. quinquefasciatus	42	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	683	Exeter	Cx. quinquefasciatus	28	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	684	Exeter	Cx. quinquefasciatus	24	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	685	Exeter	Cx. quinquefasciatus	22	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	686	Exeter	Cx. quinquefasciatus	29	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	687	Exeter	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9610	688	Exeter	Cx. quinquefasciatus	36	GRVD	8/8/2014	WNV	RTPCR
Tulare	DLTA9611	691	Exeter	Cx. quinquefasciatus	50	GRVD	8/8/2014	WNV	RTPCR
Yolo	SAYO103006	4824	Dunnigan	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Yolo	SAYO103006	4825	Dunnigan	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Yolo	SAYO103006	4826	Dunnigan	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Yolo	SAYO103006	4828	Dunnigan	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Yolo	SAYO103007	4800	Dunnigan	Cx. pipiens	9	GRVD	8/14/2014	WNV	RTPCR
Yolo	SAYO115001	4403	Knights Landing	Cx. tarsalis	50	CO2	8/7/2014	WNV	RTPCR
Yolo	SAYO124007	4391	Woodland	Cx. tarsalis	20	CO2	8/7/2014	WNV	RTPCR
Yolo	SAYO125025	4577	Woodland	Cx. tarsalis	41	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO135010	4563	Woodland	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO136010	4791	Woodland	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Yolo	SAYO136010	4793	Woodland	Cx. tarsalis	50	CO2	8/14/2014	WNV	RTPCR
Yolo	SAYO143009	4782	Winters	Cx. pipiens	50	GRVD	8/14/2014	WNV	RTPCR
Yolo	SAYO143009	4783	Winters	Cx. pipiens	11	GRVD	8/14/2014	WNV	RTPCR
Yolo	SAYO145005	4584	Davis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO145005	4585	Davis	Cx. tarsalis	47	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO145011	4588	Davis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO145015	4599	Davis	Cx. pipiens	1	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO145015	4600	Davis	Cx. pipiens	1	GRVD	8/12/2014	WNV	RTPCR
Yolo	SAYO146002	4601	Davis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO146002	4605	Davis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO146002	4606	Davis	Cx. tarsalis	4	GRVD	8/12/2014	WNV	RTPCR
Yolo	SAYO146006	4612	Davis	Cx. tarsalis	44	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO146017	4594	Davis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO146017	4595	Davis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO146017	4596	Davis	Cx. tarsalis	50	CO2	8/12/2014	WNV	RTPCR
Yolo	SAYO147013	4769	West Sacramento	Cx. tarsalis	28	CO2	8/14/2014	WNV	RTPCR
Yuba	SUYA10	285	Olivehurst	Cx. tarsalis	50	CO2	7/28/2014	WNV	RTPCR
Yuba	SUYA10	305	Olivehurst	Cx. tarsalis	50	CO2	8/4/2014	WNV	RTPCR
Yuba	SUYA10	317	Olivehurst	Cx. pipiens	39	REST	8/11/2014	WNV	RTPCR

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Sentinel Chickens

County	Site Code	City	Date Bled	Virus	Band 01	Band 02	Band 03
Butte	BUCO0001	Chico	7/29/2014	WNV	1103		
Lake	LAKE1000	Upper Lake	8/11/2014	WNV	1505		
Los Angeles	ANTV2667	Palmdale	8/6/2014	WNV	1062	1065	
Los Angeles	ANTV8652	Palmdale	8/6/2014	WNV	1058	1061	
Los Angeles	LONG0002	Long Beach	8/4/2014	WNV	4411	4415	
Merced	MERC0501	El Nido	8/7/2014	WNV	1787		
Riverside	COAV131	Oasis	8/4/2014	WNV	1220		
Riverside	COAV0060	North Shore	8/4/2014	WNV	1208	1209	
Sacramento	SAYO202019	Rio Linda	7/30/2014	WNV	2642	2644	2645
Sacramento	SAYO261013	Isleton	7/30/2014	WNV	2652		
San Bernardino	SANB0001	Needles	8/5/2014	WNV	2102	2105	2108
San Bernardino	SANB0011	Rialto	8/6/2014	WNV	2030	2032	
Sutter	SUYA0014	Sutter	8/11/2014	WNV	2243		
Yolo	SAYO116006	Knights Landing	7/30/2014	WNV	2671		

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 or confirmation.

Dead Birds

Oral swab samples from corvids are collected onto RNase cards and tested by the UC Davis Center for Vectorborne Diseases (CVEC) for West Nile virus by the singleplex RT-PCR Taqman assay and confirmed with a second primer set.

Sentinel Chickens:

Dried blood spot specimens from sentinel chickens are submitted to the California Department of Public Health Vector-Borne Disease Laboratory and tested for the presence of antibodies to West Nile, western equine encephalomyelitis (WEEV), and St. Louis encephalitis (SLEV) viruses by EIA and IFA. Positive samples are confirmed by western-blot or PRNT.

Mosquito Pools:

Mosquito pools are submitted to CVEC and screened for WEEV, SLEV, and WNV viral RNA using a Taqman multiplex RT-PCR. CVEC will cease confirmation testing on PCR-positive pools of *Cx. tarsalis* and *Cx. quinquefasciatus* but will continue to confirm multiplex PCR-positive results for other mosquito species using singleplex RT-PCR.

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 by phone (510) 412-6253 or email: tina.feiszli@cdph.ca.gov.

Website Information: For updated information on WNV in California, please visit the California WNV website, www.westmile.ca.gov, or the California Vectorborne Disease Surveillance System website, www.calsurv.org. For national information on WNV and other arboviruses, please visit the CDC website, www.cdc.gov, and the USGS website, www.westmilemaps.usgs.gov.