

California Arbovirus Surveillance Bulletin #28

Week 35 Friday, August 29, 2014



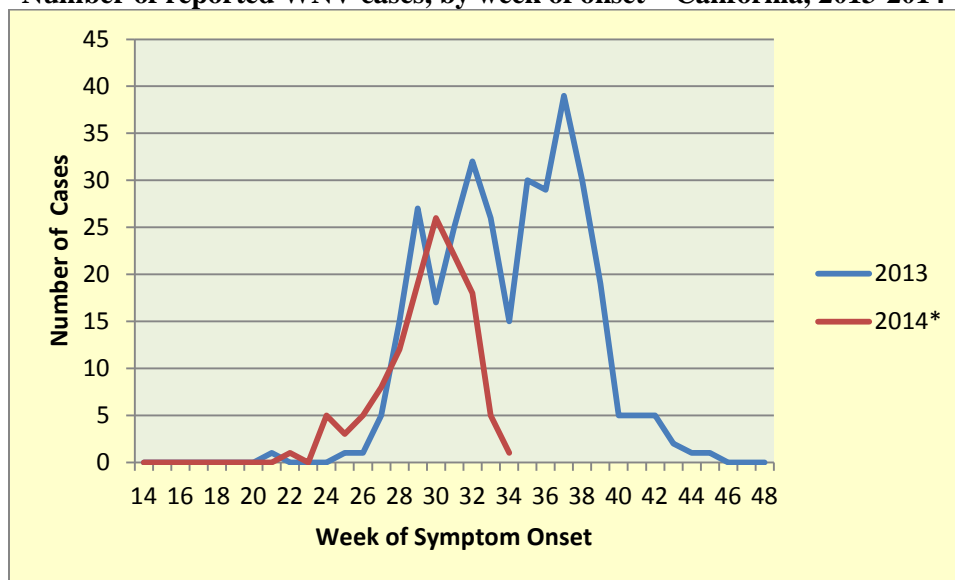
WEEKLY UPDATE

Humans

A total of 36 new cases of West Nile virus (WNV) disease were reported to the California Department of Public Health (CDPH) this week from the following 11 counties: Butte (3), Colusa (1), Fresno (2), Glenn (1), Los Angeles (9), Orange (10), San Bernardino (1), Stanislaus (6), Sutter (1), Tulare (1), and Yuba (1). **This is the first human case reported from Sutter County this year.** As of August 25, 2014, a total of 129 human cases of WNV disease have been reported from 19 counties. As of this date in 2013, 86 cases had been reported from 23 counties. Of the 129 case-patients, 85 (66%) had neuroinvasive illness. The median age of the 129 individuals is 58 years (range: 6-90 years); 90 (70%) are male. Dates of symptom onset for individuals where data were available range from May 27 to August 17. Six WNV-related fatalities have been reported to CDPH from five counties: Glenn (1), Sacramento (1), Shasta (1), and Stanislaus (2), and Sutter (1).

In addition, 21 asymptomatic WNV-positive blood donors have been reported this year from 10 counties: Butte (1), Contra Costa (1), Kern (1), Los Angeles (3), Orange (4), San Diego (1), San Joaquin (2), Santa Clara (2), Stanislaus (3), Sutter (1), Tulare (1), and Yuba (1).

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



*Reported to CDPH as of 8/25/14. Data incomplete due to reporting delays.

Dead Birds

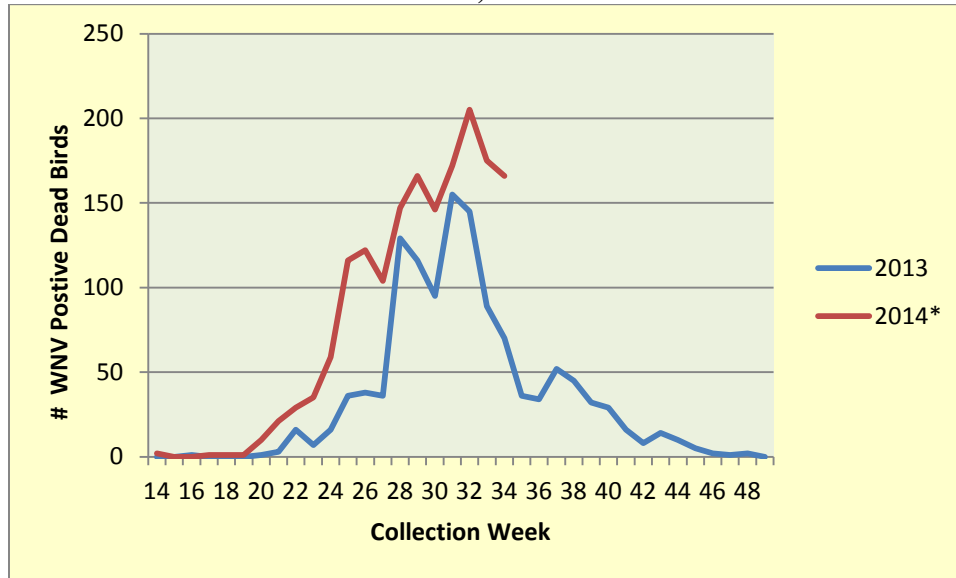
A total of 163 WNV positive dead birds were reported this week from the following 18 counties: Alameda (4), Contra Costa (3), Lake (1), Los Angeles (5), Merced (1), Orange (39), Placer (4), Sacramento (6), San Bernardino (1), San Diego (3), San Joaquin (4), San Mateo (1), Santa Clara (79), Shasta (1), Solano (1), Sonoma (2), Yolo (3), and Yuba (5). **This is the first WNV positive dead bird from Merced County this**

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year. In 2014, 1,733 dead birds have tested positive for WNV from 34 counties. At this time last year, 907 WNV positive dead birds had been detected in 38 counties.

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

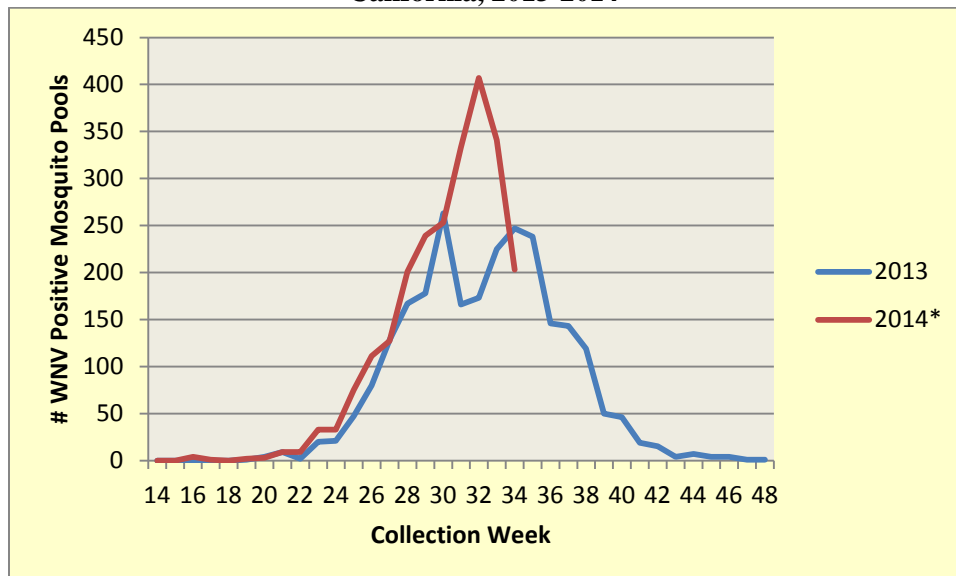


*Reported to CDPH as of 8/29/14. Data incomplete due to reporting delays.

Mosquito Pools

A total of 180 WNV positive mosquito pools were reported this week from the following 19 counties: Contra Costa (3), Fresno (14), Kern (9), Lake (2), Los Angeles (21), Madera (4), Placer (4), Riverside (22), Sacramento (37), San Bernardino (7), San Joaquin (18), San Mateo (1), Santa Clara (1), Shasta (6), Stanislaus (9), Sutter (1), Tulare (7), Yolo (13), and Yuba (1). In 2014, 2,485 mosquito pools from 29 counties have tested positive for WNV. At this time last year, 1,854 WNV positive mosquito pools had been reported from 26 counties.

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



*Reported to CDPH as of 8/29/14. Data incomplete due to reporting delays.

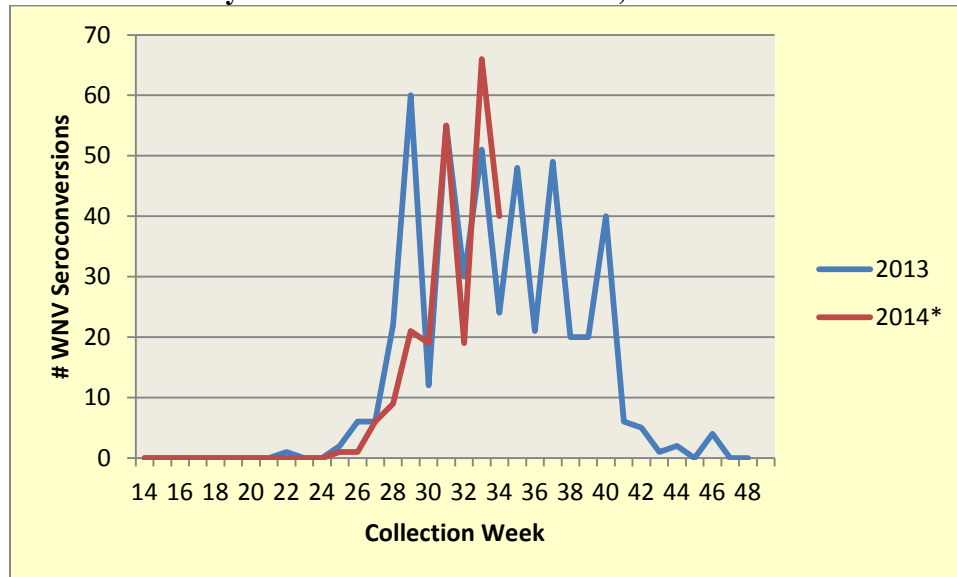
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Sentinel Chickens

A total of 58 new WNV seroconversions were reported this week from 25 flocks located in the following 7 counties: Los Angeles (39), Merced (3), Riverside (3), Sacramento (3), San Bernardino (3), Santa Clara (2), and Yolo (5). **These are the first WNV positive chickens reported from Santa Clara County this year.** In 2014, 242 WNV positive chickens have been reported from 64 flocks located in 20 counties. At this time last year, 262 WNV seroconversions had been reported from 74 flocks in 19 counties.

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



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YTD Activity by Element and County, 2014				
County	Humans*	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda		64	12	
Butte	11	18	31	33
Colusa	2	4	1	5
Contra Costa	1	30	19	12
El Dorado		1		
Fresno	18	8	110	
Glenn	2	4	8	7
Humboldt		2		
Kern	3	3	84	
Kings		2	138	
Lake		15	63	2
Los Angeles	15	35	160	65
Madera	2	4	31	
Marin		3	3	
Merced		1	9	6
Napa		9		
Orange	35	228	239	
Placer		27	73	
Riverside			55	6
Sacramento	3	238	424	8
San Bernardino	2	9	76	16
San Diego		7		
San Joaquin	1	40	172	
San Mateo		9	12	
Santa Clara	3	769	29	2
Santa Cruz		1		
Shasta	1	3	31	3
Solano	1	32	10	19
Sonoma		15	4	1
Stanislaus	21	31	111	12
Sutter	1	19	51	24
Tehama				5
Tulare	5	38	308	4
Ventura		2		
Yolo		46	198	6
Yuba	2	16	23	6
Totals	129	1,733	2,485	242

**Total does not include asymptomatic infections*

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2013 & 2014 YTD West Nile Virus Comparisons		
	2013	2014
Total # Dead Bird Reports	11,281	10,718
# Positive Counties	40	36
# Human Cases	86	129
# Positive Dead Birds / # Tested	907 / 2,634	1,733 / 2,919
# Positive Mosquito Pools / # Tested	1,854 / 21,903	2,485 / 20,852
# Seroconversions / # Tested	262 / 11,948	242 / 10,600

TESTING SUMMARIES

Humans

		WNV		WEEV		SLEV	
		Local	Imported	Local	Imported	Local	Imported
Human Cases	Week	36	0	0	0	0	0
	YTD	129	0	0	0	0	0

Dead Birds

		Number Tested	WNV Positive
Dead Birds	Week	219	163
	YTD	2,919	1,733

Chickens & Mosquitoes

		Number Tested	WNV Positive	SLEV Positive	WEEV Positive
Chicken Sera	Week	494	58	0	0
	YTD	10,600	242	0	0
Mosquito Pools	Week	1,170	180	0	0
	YTD	20,852	2,485	0	0

NEW POSITIVES

Dead Birds

County	Agency	City	Zip	Species	Reported	Virus	Method
Alameda	Alameda Co MAD	Livermore	94550	American Crow	8/22/2014	WNV	RAMP
Alameda	Alameda Co MAD	Livermore	94550	American Robin	8/22/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Livermore	94550	Bushtit	8/22/2014	WNV	RT-PCR
Alameda	Alameda Co MAD	Pleasanton	94588	American Crow	8/25/2014	WNV	RAMP
Contra Costa	Contra Costa MVCD	Concord	94518	American Crow	8/21/2014	WNV	RAMP
Contra Costa	Contra Costa MVCD	Danville	94526	American Crow	8/28/2014	WNV	RAMP
Contra Costa	Contra Costa MVCD	Walnut Creek	94595	American Crow	8/27/2014	WNV	RAMP
Lake	Lake Co VCD	Middletown	95461	Lesser Goldfinch	8/21/2014	WNV	RT-PCR
Los Angeles	Antelope Valley MVCD	Lancaster	93535	House Sparrow	8/19/2014	WNV	RT-PCR
Los Angeles	Antelope Valley MVCD	Lancaster	93536	American Crow	8/18/2014	WNV	RT-PCR
Los Angeles	Compton Creek MAD	Long Beach	90805	American Crow	8/19/2014	WNV	RT-PCR
Los Angeles	Greater Los Angeles Co VCD - Sylmar	Van Nuys	91401	American Crow	8/25/2014	WNV	RT-PCR

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Los Angeles	San Gabriel Valley MVCD	Alhambra	91801	American Crow	8/19/2014	WNV	RAMP
Merced	Merced Co MAD	Merced	95341	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Anaheim	92804	Unknown	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Anaheim	92805	American Crow	8/19/2014	WNV	RT-PCR
Orange	Orange Co VCD	Anaheim	92805	American Crow	8/19/2014	WNV	RT-PCR
Orange	Orange Co VCD	Brea	92821	American Crow	8/23/2014	WNV	RT-PCR
Orange	Orange Co VCD	Buena Park	90621	American Crow	8/25/2014	WNV	RT-PCR
Orange	Orange Co VCD	Buena Park	92620	American Crow	8/26/2014	WNV	RT-PCR
Orange	Orange Co VCD	Costa Mesa	92627	American Crow	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Cypress	90630	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Fountain Valley	92708	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Fullerton	92831	American Crow	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92646	American Crow	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92647	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92647	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92647	American Crow	8/26/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92648	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Huntington Beach	92649	House Finch	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92606	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92612	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92614	American Crow	8/25/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92617	American Crow	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92618	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92620	American Crow	8/26/2014	WNV	RT-PCR
Orange	Orange Co VCD	Irvine	92697	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92865	American Crow	8/26/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92867	American Crow	8/22/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92867	American Crow	8/22/2014	WNV	RT-PCR
Orange	Orange Co VCD	Orange	92867	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92703	American Crow	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92704	American Crow	8/19/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92704	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92705	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Santa Ana	92705	American Crow	8/22/2014	WNV	RT-PCR
Orange	Orange Co VCD	Tustin	92780	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Tustin	92780	American Crow	8/25/2014	WNV	RT-PCR
Orange	Orange Co VCD	Tustin	92780	American Crow	8/22/2014	WNV	RT-PCR
Orange	Orange Co VCD	Westminster	92683	American Crow	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Westminster	92683	Western Gull	8/21/2014	WNV	RT-PCR
Orange	Orange Co VCD	Yorba Linda	92866	American Crow	8/20/2014	WNV	RT-PCR
Orange	Orange Co VCD	Yorba Linda	92886	American Crow	8/21/2014	WNV	RT-PCR
Placer	Placer MVCD	Auburn	95603	American Crow	8/26/2014	WNV	RT-PCR
Placer	Placer MVCD	Lincoln	95468	House Wren	8/26/2014	WNV	RT-PCR
Placer	Placer MVCD	Lincoln	95648	American Kestrel	8/25/2014	WNV	RT-PCR
Placer	Placer MVCD	Lincoln	95648	Western Scrub-Jay	8/24/2014	WNV	RT-PCR

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Sacramento	Sac-Yolo MVCD	Carmichael	95608	Western Scrub-Jay	8/20/2014	WNV	RT-PCR
Sacramento	Sac-Yolo MVCD	Galt	95632	Western Scrub-Jay	8/20/2014	WNV	RT-PCR
Sacramento	Sac-Yolo MVCD	Gold River	95670	American Crow	8/19/2014	WNV	RT-PCR
Sacramento	Sac-Yolo MVCD	Rancho Cordova	95670	American Crow	8/20/2014	WNV	RT-PCR
Sacramento	Sac-Yolo MVCD	Sacramento	95819	American Crow	8/21/2014	WNV	RT-PCR
Sacramento	Sac-Yolo MVCD	Sacramento	95864	American Crow	8/20/2014	WNV	RT-PCR
San Bernardino	San Bernardino VCP	San Bernardino	92404	American Crow	8/11/2014	WNV	RT-PCR
San Diego	San Diego Co VCP	El Cajon	92019	American Crow	8/22/2014	WNV	RT-PCR
San Diego	San Diego Co VCP	El Cajon	92019	Cooper's Hawk	8/25/2014	WNV	RT-PCR
San Diego	San Diego Co VCP	El Cajon	92020	Western Scrub-Jay	8/22/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Manteca	95337	Sparrow	8/24/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Ripon	95366	American Crow	8/26/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Stockton	95219	American Crow	8/22/2014	WNV	RT-PCR
San Joaquin	San Joaquin Co MVCD	Stockton	95219	American Crow	8/25/2014	WNV	RT-PCR
San Mateo	San Mateo Co MAD	Menlo Park	94025	Western Scrub-Jay	8/27/2014	WNV	RAMP
Santa Clara	Santa Clara Co VCD	Campbell	95008	American Crow	8/26/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Campbell	95008	American Crow	8/26/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Campbell	95008	Western Scrub-Jay	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/18/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95014	American Crow	8/26/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino	95070	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Cupertino.	95014	American Crow	8/27/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Altos	94024	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Altos	94024	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Altos	94024	American Crow	8/27/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Gatos	95032	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Gatos	95032	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Gatos	95032	American Crow	8/26/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Gatos	95032	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Los Gatos	95032	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Mountain View	94040	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Mountain View	94040	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Mountain View	94043	American Crow	8/18/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95117	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95118	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95118	American Crow	8/19/2014	WNV	RT-PCR

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Santa Clara	Santa Clara Co VCD	San Jose	95118	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95118	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95118	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95120	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95123	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95123	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95123	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95123	American Crow	8/26/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95124	Western Scrub-Jay	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95125	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95125	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95125	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95125	Western Scrub-Jay	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95126	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95126	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95128	Common Raven	8/27/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95130	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Jose	95130	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	San Martin	95046	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95050	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/26/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/24/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	8/27/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	Western Scrub-Jay	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Santa Clara	95054	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/22/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/26/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Saratoga	95070	Western Scrub-Jay	8/27/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94085	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94086	American Crow	8/19/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94086	American Crow	8/22/2014	WNV	RT-PCR

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Santa Clara	Santa Clara Co VCD	Sunnyvale	94086	American Crow	8/21/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/20/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/25/2014	WNV	RT-PCR
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	American Crow	8/24/2014	WNV	RT-PCR
Shasta	Shasta MVCD	Redding	96001	American Crow	8/20/2014	WNV	RT-PCR
Solano	Solano Co MAD	Fairfield	94533	American Crow	8/7/2014	WNV	RAMP
Sonoma	Marin-Sonoma MVCD	Sonoma	95476	Western Scrub-Jay	8/21/2014	WNV	RT-PCR
Sonoma	Marin-Sonoma MVCD	Windsor	95492	American Crow	8/21/2014	WNV	RT-PCR
Yolo	Sac-Yolo MVCD	Davis	95618	Western Scrub-Jay	8/19/2014	WNV	RT-PCR
Yolo	Sac-Yolo MVCD	Davis	95618	Western Scrub-Jay	8/19/2014	WNV	RT-PCR
Yolo	Sac-Yolo MVCD	West Sacramento	95691	Western Scrub-Jay	8/21/2014	WNV	RT-PCR
Yuba	Sutter-Yuba MVCD	Linda	95901	Western Scrub-Jay	8/22/2014	WNV	RT-PCR
Yuba	Sutter-Yuba MVCD	Marysville	95901	American Crow	8/22/2014	WNV	RT-PCR
Yuba	Sutter-Yuba MVCD	Marysville	95901	American Crow	8/20/2014	WNV	RT-PCR
Yuba	Sutter-Yuba MVCD	Marysville	95901	Northern Mockingbird	8/22/2014	WNV	RT-PCR
Yuba	Sutter-Yuba MVCD	Wheatland	95692	House Finch	8/21/2014	WNV	RT-PCR

Mosquitoes

County	Site Code	Pool #	City	Species	# in Pool	Trap	Collected	Virus	Method
Contra Costa	CNTR1899	349	Discovery Bay	Cx. pipiens	21	CO2	8/27/14	WNV	RAMP
Contra Costa	CNTR2972	341	Discovery Bay	Cx. pipiens	39	CO2	8/26/14	WNV	RAMP
Contra Costa	CNTR5525	335	Byron	Cx. pipiens	50	CO2	8/25/14	WNV	RAMP
Fresno	FRWS220001	148	Firebaugh	Cx. tarsalis	16	CO2	8/26/14	WNV	RTPCR
Fresno	FRWS3201	140	Firebaugh	Cx. quinquefasciatus	30	GRVD	8/26/14	WNV	RTPCR
Fresno	FRWS400001	131	Mendota	Cx. tarsalis	45	CO2	8/21/14	WNV	RTPCR
Fresno	FRWS400007	122	Kerman	Cx. tarsalis	50	CO2	8/20/14	WNV	RTPCR
Fresno	FRWS400007	123	Kerman	Cx. tarsalis	47	CO2	8/20/14	WNV	RTPCR
Fresno	FRWS400015	118	Kerman	Cx. quinquefasciatus	50	CO2	8/20/14	WNV	RTPCR
Fresno	FRWS400015	119	Kerman	Cx. quinquefasciatus	50	CO2	8/20/14	WNV	RTPCR
Fresno	FRWS400015	120	Kerman	Cx. quinquefasciatus	50	CO2	8/20/14	WNV	RTPCR
Fresno	FRWS400015	121	Kerman	Cx. quinquefasciatus	50	CO2	8/20/14	WNV	RTPCR
Fresno	FRWS4102	134	Kerman	Cx. tarsalis	20	CO2	8/26/14	WNV	RTPCR
Fresno	FRWS4102	135	Kerman	Cx. quinquefasciatus	26	CO2	8/26/14	WNV	RTPCR
Fresno	FRWS4108	126	Mendota	Cx. tarsalis	50	CO2	8/21/14	WNV	RTPCR
Fresno	FRWS5101	142	Mendota	Cx. tarsalis	47	CO2	8/26/14	WNV	RTPCR
Fresno	FRWS5302	138	Helm	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Kern	KERN2022	434	Shafter	Cx. quinquefasciatus	50	GRVD	8/21/14	WNV	RTPCR
Kern	KERN3030	436	Shafter	Cx. quinquefasciatus	40	CO2	8/21/14	WNV	RTPCR
Kern	KERN3033	431	Bakersfield	Cx. quinquefasciatus	24	CO2	8/19/14	WNV	RTPCR
Kern	KERN7	435	Famoso	Cx. tarsalis	50	CO2	8/21/14	WNV	RTPCR
Kern	WEST6212	83	Maricopa	Cx. tarsalis	50	CO2	8/27/14	WNV	RTPCR
Kern	WEST6212	84	Maricopa	Cx. tarsalis	50	CO2	8/27/14	WNV	RTPCR
Kern	WEST6212	86	Maricopa	Cx. tarsalis	50	CO2	8/27/14	WNV	RTPCR
Kern	WEST6212	87	Maricopa	Cx. tarsalis	50	CO2	8/27/14	WNV	RTPCR
Kern	WEST6212	88	Maricopa	Cx. tarsalis	36	CO2	8/27/14	WNV	RTPCR
Lake	LAKE1000	634	Upper Lake	Cx. tarsalis	11	REST	8/27/14	WNV	RTPCR
Lake	LAKE317	615	Kelseyville	Cx. stigmatosoma	17	REST	8/22/14	WNV	RTPCR
Los Angeles	GRLA2065	549	Gardena	Cx. quinquefasciatus	50	GRVD	8/20/14	WNV	RTPCR

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Los Angeles	GRLA2101	553	Santa Fe Springs	Cx. quinquefasciatus	50	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA2166	551	Montebello	Cx. quinquefasciatus	50	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA2247	552	Pico Rivera	Cx. quinquefasciatus	50	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA2278	540	Long Beach	Cx. quinquefasciatus	50	GRVD	8/20/14	WNV	RTPCR
Los Angeles	GRLA2321	547	Carson	Cx. quinquefasciatus	14	GRVD	8/20/14	WNV	RTPCR
Los Angeles	GRLA2346	550	Montebello	Cx. quinquefasciatus	16	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA2548	5619	Sylmar	Cx. quinquefasciatus	18	GRVD	8/21/14	WNV	RTPCR
Los Angeles	GRLA2550	5628	Mission Hills	Cx. quinquefasciatus	50	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA2592	5606	San Marino	Cx. quinquefasciatus	50	GRVD	8/20/14	WNV	RTPCR
Los Angeles	GRLA2593	5605	San Marino	Cx. quinquefasciatus	60	GRVD	8/20/14	WNV	RTPCR
Los Angeles	GRLA2771	541	Whittier	Cx. quinquefasciatus	50	USDS	8/20/14	WNV	RTPCR
Los Angeles	GRLA2889	538	Lakewood	Cx. quinquefasciatus	50	GRVD	8/20/14	WNV	RTPCR
Los Angeles	GRLA2890	539	Lakewood	Cx. quinquefasciatus	50	GRVD	8/20/14	WNV	RTPCR
Los Angeles	GRLA2952	554	South Whittier(LA County)	Cx. quinquefasciatus	46	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA2953	557	Santa Fe Springs	Cx. quinquefasciatus	50	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA2957	537	Hawaiian Gardens	Cx. quinquefasciatus	50	GRVD	8/20/14	WNV	RTPCR
Los Angeles	GRLA3029	5627	Arleta	Cx. quinquefasciatus	50	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA3040	556	La Mirada	Cx. quinquefasciatus	10	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA3041	559	Artesia	Cx. quinquefasciatus	50	GRVD	8/22/14	WNV	RTPCR
Los Angeles	GRLA3067	548	Gardena	Cx. quinquefasciatus	48	GRVD	8/20/14	WNV	RTPCR
Madera	MADR1018	124		Cx. tarsalis	40	CO2	8/20/14	WNV	RTPCR
Madera	MADR203	122		Cx. tarsalis	26	CO2	8/20/14	WNV	RTPCR
Madera	MADR204	123	Madera	Cx. tarsalis	50	CO2	8/20/14	WNV	RTPCR
Madera	MADR237	127	Madera	Cx. quinquefasciatus	30	CO2	8/21/14	WNV	RTPCR
Placer	PLCR25	1503	Lincoln	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Placer	PLCR25	1504	Lincoln	Cx. tarsalis	40	CO2	8/26/14	WNV	RTPCR
Placer	PLCR58	1448	Lincoln	Cx. tarsalis	34	CO2	8/26/14	WNV	RTPCR
Placer	PLCR95	1458	Lincoln	Cx. tarsalis	10	CO2	8/26/14	WNV	RTPCR
Riverside	COAV121	1071	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV121	1072	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV123	1094	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV123	1095	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV27	1068	North Shore	Cx. tarsalis	46	CO2	8/26/14	WNV	RTPCR
Riverside	COAV30	1065	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV327	1054	Desert Hot Springs	Cx. quinquefasciatus	50	CO2	8/21/14	WNV	RTPCR
Riverside	COAV33	1100	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV34	1109	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV37	1110	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV46	1088	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV48	1077	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV610	1103		Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV610	1104		Cx. tarsalis	36	CO2	8/26/14	WNV	RTPCR
Riverside	COAV611	1080	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV611	1081	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV611	1082	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV68	1111	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV68	1112	Mecca	Cx. tarsalis	50	CO2	8/26/14	WNV	RTPCR
Riverside	COAV8	1070	Mecca	Cx. tarsalis	8	CO2	8/26/14	WNV	RTPCR
Riverside	RIVR19	502	Murietta	Cx. erythrothorax	50	CO2	8/26/14	WNV	RTPCR
Riverside	RIVR19	505	Murietta	Cx. erythrothorax	50	CO2	8/26/14	WNV	RTPCR
Sacramento	SAYO202006	5426	Sacramento	Cx. pipiens	28	GRVD	8/28/14	WNV	RTPCR
Sacramento	SAYO203005	5429	Rio Linda	Cx. tarsalis	50	CO2	8/28/14	WNV	RTPCR
Sacramento	SAYO204008	5300	Sacramento	Cx. pipiens	31	GRVD	8/26/14	WNV	RTPCR

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Sacramento	SAYO204021	5313	Citrus Heights	Cx. pipiens	50	GRVD	8/26/14	WNV	RTPCR
Sacramento	SAYO204031	5303	Citrus Heights	Cx. pipiens	11	GRVD	8/26/14	WNV	RTPCR
Sacramento	SAYO205011	5320	Folsom	Cx. tarsalis	11	CO2	8/26/14	WNV	RTPCR
Sacramento	SAYO205011	5321	Folsom	Cx. pipiens	14	CO2	8/26/14	WNV	RTPCR
Sacramento	SAYO205011	5322	Folsom	Cx. pipiens	21	GRVD	8/26/14	WNV	RTPCR
Sacramento	SAYO214011	5307	Fair Oaks	Cx. pipiens	15	GRVD	8/26/14	WNV	RTPCR
Sacramento	SAYO222003	5289	Sacramento	Cx. pipiens	17	GRVD	8/26/14	WNV	RTPCR
Sacramento	SAYO223006	5270	South Watt Avenue	Cx. pipiens	27	GRVD	8/26/14	WNV	RTPCR
Sacramento	SAYO226001	5164	Sloughhouse	Cx. tarsalis	7	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO232001	5292	Sacramento	Cx. pipiens	8	GRVD	8/26/14	WNV	RTPCR
Sacramento	SAYO243012	5411	Elk Grove	Cx. pipiens	50	CO2	8/27/14	WNV	RTPCR
Sacramento	SAYO243021	5388	Elk Grove	Cx. pipiens	21	GRVD	8/27/14	WNV	RTPCR
Sacramento	SAYO244002	5186	Galt	Cx. tarsalis	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO244002	5187	Galt	Cx. tarsalis	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO244002	5189	Galt	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO244006	5178	Wilton	Cx. tarsalis	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO244006	5182	Wilton	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO245002	5169	Wilton	Cx. tarsalis	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO245002	5170	Wilton	Cx. tarsalis	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO245002	5171	Wilton	Cx. tarsalis	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO245002	5172	Wilton	Cx. tarsalis	35	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO245015	5201	Wilton	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO253009	5244	Galt	Cx. tarsalis	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO254015	5232	Galt	Cx. tarsalis	17	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO254015	5233	Galt	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO254015	5234	Galt	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO254015	5235	Galt	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO254017	5242	Galt	Cx. pipiens	25	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO254017	5243	Galt	Cx. pipiens	5	GRVD	8/22/14	WNV	RTPCR
Sacramento	SAYO254022	5226	Galt	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO254022	5229	Galt	Cx. pipiens	50	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO255007	5217	Herald	Cx. tarsalis	6	CO2	8/22/14	WNV	RTPCR
Sacramento	SAYO261003	5332	Isleton	Cx. tarsalis	44	CO2	8/26/14	WNV	RTPCR
Sacramento	SAYO271007	5340	Isleton	Cx. pipiens	50	GRVD	8/26/14	WNV	RTPCR
San Bernardino	SANB2	287	Redlands	Cx. quinquefasciatus	50	CO2	8/20/14	WNV	RTPCR
San Bernardino	SANB64	282	Muscoy	Cx. quinquefasciatus	38	CO2	8/19/14	WNV	RTPCR
San Bernardino	WVAL1007	1038	Ontario	Cx. quinquefasciatus	50	CO2	8/26/14	WNV	RTPCR
San Bernardino	WVAL1007	1042	Ontario	Cx. quinquefasciatus	50	CO2	8/26/14	WNV	RTPCR
San Bernardino	WVAL6004	1020	Ontario	Cx. quinquefasciatus	38	GRVD	8/22/14	WNV	RTPCR
San Bernardino	WVAL6004	1022	Ontario	Cx. quinquefasciatus	43	GRVD	8/22/14	WNV	RTPCR
San Bernardino	WVAL6004	1053	Ontario	Cx. quinquefasciatus	12	GRVD	8/26/14	WNV	RTPCR
San Joaquin	SJCM7027	1332	Lodi	Cx. pipiens	1	GRVD	8/28/14	WNV	RTPCR
San Joaquin	SJCM7028	1330	Lodi	Cx. tarsalis	1	GRVD	8/28/14	WNV	RTPCR
San Joaquin	SJCM8018	1261	Stockton	Cx. tarsalis	35	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8029	1324	Farmington	Cx. pipiens	6	CO2	8/28/14	WNV	RTPCR
San Joaquin	SJCM8032	1321	Escalon	Cx. pipiens	50	CO2	8/28/14	WNV	RTPCR
San Joaquin	SJCM8037	1326	Lathrop	Cx. pipiens	34	CO2	8/28/14	WNV	RTPCR
San Joaquin	SJCM8070	1335	Galt	Cx. pipiens	6	CO2	8/28/14	WNV	RTPCR
San Joaquin	SJCM8079	1275	Manteca	Cx. tarsalis	6	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8079	1276	Manteca	Cx. pipiens	50	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8079	1277	Manteca	Cx. pipiens	46	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8083	1285	Escalon	Cx. tarsalis	12	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8111	1296	Stockton	Cx. pipiens	5	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8111	1304	Stockton	Cx. erythrothorax	50	CO2	8/26/14	WNV	RTPCR

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San Joaquin	SJCM8124	1333	Clements	Cx. tarsalis	20	CO2	8/28/14	WNV	RTPCR
San Joaquin	SJCM8135	1320	Mountain House	Cx. tarsalis	9	CO2	8/27/14	WNV	RTPCR
San Joaquin	SJCM8161	1316	Ripon	Cx. pipiens	50	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8161	1317	Ripon	Cx. pipiens	50	CO2	8/26/14	WNV	RTPCR
San Joaquin	SJCM8161	1318	Ripon	Cx. pipiens	50	CO2	8/26/14	WNV	RTPCR
San Mateo	SANM213	251	Menlo Park	Cx. pipiens	50	CO2	8/21/14	WNV	RTPCR
Santa Clara	STCL717	5431	Santa Clara	Cx. pipiens	12	CO2	8/19/14	WNV	RTPCR
Shasta	SHAS10010	417	Anderson	Cx. tarsalis	17	CO2	8/20/14	WNV	RTPCR
Shasta	SHAS10010	438	Anderson	Cx. tarsalis	24	CO2	8/26/14	WNV	RTPCR
Shasta	SHAS10140	399		Cx. tarsalis	27	CO2	8/19/14	WNV	RTPCR
Shasta	SHAS177	442	Redding	Cx. tarsalis	18	CO2	8/26/14	WNV	RTPCR
Shasta	SHAS242	405	Cottonwood	Cx. tarsalis	39	CO2	8/19/14	WNV	RTPCR
Shasta	SHAS242	406	Cottonwood	Cx. stigmatosoma	20	CO2	8/19/14	WNV	RTPCR
Stanislaus	TRLK1306	642	Patterson	Cx. pipiens	50	CO2	8/27/14	WNV	RTPCR
Stanislaus	TRLK1442	613	Ceres	Cx. pipiens	46	CO2	8/21/14	WNV	RTPCR
Stanislaus	TRLK1444	610	Ceres	Cx. pipiens	20	CO2	8/21/14	WNV	RTPCR
Stanislaus	TRLK305	638	Grayson	Cx. pipiens	50	CO2	8/27/14	WNV	RTPCR
Stanislaus	TRLK305	639	Grayson	Cx. tarsalis	30	CO2	8/27/14	WNV	RTPCR
Stanislaus	TRLK307	645	Grayson	Cx. pipiens	50	CO2	8/27/14	WNV	RTPCR
Stanislaus	TRLK319	690	Newman	Cx. pipiens	24	CO2	8/27/14	WNV	RTPCR
Stanislaus	TRLK327	632	Denair	Cx. tarsalis	50	CO2	8/21/14	WNV	RTPCR
Stanislaus	TRLK502	664	Vernalis	Cx. pipiens	50	CO2	8/27/14	WNV	RTPCR
Sutter	SUYA103	351	Yuba City	Cx. pipiens	8	CO2	8/26/14	WNV	RTPCR
Tulare	TLRE43	43	Tipton	Cx. quinquefasciatus	50	CO2	8/12/14	WNV	RTPCR
Tulare	TLRE43	44	Tipton	Cx. quinquefasciatus	50	CO2	8/12/14	WNV	RTPCR
Tulare	TLRE43	45	Tipton	Cx. quinquefasciatus	22	CO2	8/12/14	WNV	RTPCR
Tulare	TLRE66	39	Woodville	Cx. quinquefasciatus	50	CO2	8/12/14	WNV	RTPCR
Tulare	TLRE66	40	Woodville	Cx. quinquefasciatus	50	CO2	8/12/14	WNV	RTPCR
Tulare	TLRE66	41	Woodville	Cx. quinquefasciatus	50	CO2	8/12/14	WNV	RTPCR
Tulare	TLRE66	42	Woodville	Cx. quinquefasciatus	28	CO2	8/12/14	WNV	RTPCR
Yolo	SAYO103007	5453	Dunnigan	Cx. tarsalis	50	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO114001	5466	Zamora	Cx. tarsalis	50	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO114001	5467	Zamora	Cx. tarsalis	50	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO114001	5468	Zamora	Cx. tarsalis	50	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO114001	5469	Zamora	Cx. tarsalis	42	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO116002	5444	Knights Landing	Cx. tarsalis	40	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO135005	5370	Woodland	Cx. pipiens	50	GRVD	8/27/14	WNV	RTPCR
Yolo	SAYO135006	5490	Woodland	Cx. tarsalis	50	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO136010	5496	Woodland	Cx. tarsalis	50	CO2	8/28/14	WNV	RTPCR
Yolo	SAYO143008	5484	Winters	Cx. pipiens	50	GRVD	8/28/14	WNV	RTPCR
Yolo	SAYO145013	5356	Davis	Cx. tarsalis	50	CO2	8/27/14	WNV	RTPCR
Yolo	SAYO146002	5351	Davis	Cx. tarsalis	18	CO2	8/27/14	WNV	RTPCR
Yolo	SAYO147013	5439	West Sacramento	Cx. pipiens	39	GRVD	8/28/14	WNV	RTPCR
Yuba	SUYA10	350	Olivehurst	Cx. tarsalis	37	CO2	8/25/14	WNV	RTPCR

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Sentinel Chickens

County	Site Code	City	Date Bled	Virus	Band 01	Band 02	Band 03	Band 04	Band 05
Los Angeles	ANTV2667	Palmdale	8/20/2014	WNV	1064				
Los Angeles	ANTV2877	Lancaster	8/20/2014	WNV	1051	1052	1053	1054	
Los Angeles	ANTV3247	Lancaster	8/20/2014	WNV	1027	1031			
Los Angeles	ANTV7263	Lancaster	8/20/2014	WNV	1080	1084			
Los Angeles	ANTV8656	Lancaster	8/20/2014	WNV	1033	1034	1035	1036	1037
Los Angeles	GRLA2056	Long Beach	8/20/2014	WNV	1403	1405	1407		
Los Angeles	GRLA2132	Wilmington	8/20/2014	WNV	1418				
Los Angeles	GRLA2223	Rowland Heights	8/20/2014	WNV	1421	1422	1423	1424	1428
Los Angeles	GRLA2651	Encino	8/19/2014	WNV	1455	1456	1459		
Los Angeles	LACW1007	Baldwin Hills	8/13/2014	WNV	1638	1639	1641	1642	
Los Angeles	LACW1010	Los Angeles(Miracle Mile)	8/7/2014	WNV	1649				
Los Angeles	LACW1012	Venice	8/13/2014	WNV	1655	1658	1659	1660	
Los Angeles	LACW1049	Inglewood	8/12/2014	WNV	1701				
Los Angeles	LONG0004	Long Beach	8/18/2014	WNV	4434	4436	4437		
Merced	MERC0001	Merced	8/20/2014	WNV	1785				
Merced	MERC0002	Dos Palos	8/20/2014	WNV	1797				
Merced	MERC0006	Merced	8/20/2014	WNV	1775				
Riverside	COAV0035	Mecca	8/18/2014	WNV	1195	1197	1199		
Sacramento	SAYO261013	Isleton	8/14/2014	WNV	2647				
Sacramento	SAYO261013	Isleton	8/27/2014	WNV	2648	2650			
San Bernardino	SANB0001	Needles	8/20/2014	WNV	2101				
San Bernardino	SANB0003	Colton	8/19/2014	WNV	2119				
San Bernardino	SANB0029	San Bernardino	8/19/2014	WNV	2039				
Santa Clara	STCL0073	Campbell	8/25/2014	WNV	2440	2445			
Yolo	SAYO103008	Dunnigan	8/13/2014	WNV	2660	2664			
Yolo	SAYO116006	Knights Landing	8/13/2014	WNV	2672	2676			
Yolo	SAYO116006	Knights Landing	8/20/2014	WNV	2673				

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.

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Week 35 Friday, August 29, 2014

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.

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Website Information: For updated information on WNV in California, please visit the California WNV website, www.westnile.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.westnilemaps.usgs.gov