

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE

DATE: 1851 May 15

TIME: 16:10 GMT

LOCATION: 37.900N 122.600W SAN FRANCISCO BAY AREA

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SACRAMENTO COUNTY

SACRAMENTO I=N

The Daily Union (Sacramento), 17 May 1851, p. 2.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Many people in brick buildings rushed out; barrels started rolling; old ships hard aground moved. The San Francisco Herald, 16 May 1851, p. 2.

Goods thrown from shelves. Marysville Herald, 20 May 1851, p. 3.

SOLANO COUNTY

BENICIA I=4-5

Inhabitants considerably startled. The San Francisco Herald, 16 May 1851, p. 2.

VALLEJO I=4-5

Inhabitants considerably startled. The San Francisco Herald, 16 May 1851, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1853 Feb 1  
TIME: 21:00 GMT  
LOCATION 35.600N 121.100W SAN LUIS OBISPO COUNTY

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SAN LUIS OBISPO COUNTY

SAN SIMEON I=6

Adobe wall cracked; people in the house ran out for fear of its falling. Daily Alta California (San Francisco), 24 Feb 1853, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE  
DATE: 1853 Oct 23  
TIME:  
LOCATION: 40.800N 124.200W HUMBOLDT COUNTY

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HUMBOLDT COUNTY

EUREKA I=6+

People thrown from their beds; warf sank 4 feet. Daily Alta  
California (San Francisco), 8 Nov 1853, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1855 Jan 25  
TIME: 06:00 GMT  
LOCATION: 39.500N 120.000W CALIFORNIA-NEVADABORDER AREA

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EL DORADO COUNTY

BOTTLE HILL I=4-5

Felt by many. Georgetown Weekly News, 1 Feb 1855, p. 2.

GEORGETOWN I=4-5

Felt by many. Georgetown Weekly News, 1 Feb 1855, p. 2.

MAMALUKE I=4-5

Felt by many. Georgetown Weekly News, 1 Feb 1855, p. 2.

NASHVILLE I=S

Quite severe. Trask (1864b), p. 138.

TODD'S VALLEY I=4-5

Felt by many. Georgetown Weekly News, 1 Feb 1855, p. 2.

NEVADA COUNTY

NEVADA CITY I=F

Distinct. Daily Democratic State Journal (Sacramento), 27 Jan 1855, p. 2.

ORLEANS FLAT I=S

Quite severe. Trask (1864b), p. 138.

SIERRA COUNTY

400 FOOT LEVEL, BLUE BANKS MINE I=5-6

Miners ran from the mine. The Sierra Citizen (Downieville),  
27 Jan 1855, p. 2.

DOWNIEVILLE I=H

Heavy. The Sierra Citizen (Downieville), 27 Jan 1855, p. 2.

DOWNIEVILLE (SIERRA?) BUTTES I=6+

"A large pinnacle of rocks on the summit...was thrown down..."  
Trask (1864b), p. 138.

EUREKA I=S

Quite severe. Trask (1864b), p. 138.

FOREST CITY I=F

Felt. The Sierra Citizen (Downieville), 27 Jan 1855, p. 2.

GIBSONVILLE I=S

Very severe. Butte Record (Bidwell), 3 Feb 1855, p. 2.

Shock houses with great violence. The Mountain Democrat (Placer-  
ville), 3 Feb 1855, p. 2.

MINNESOTA I=F

Felt. The Sierra Citizen (Downieville), 27 Jan 1855, p. 2.

HEAD OF THE NORTH FORK I=F

Felt. The Sierra Citizen (Downieville), 27 Jan 1855, p. 2.

YUBA COUNTY

KEYSTONE RANCH I=F

Felt. The Sierra Citizen (Downieville), 27 Jan 1855, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1855 Jul 11

TIME: 04:15 GMT

LOCATION: 34.100N 118.100W LOS ANGELES COUNTY

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LOS ANGELES COUNTY

LOS ANGELES I=7

Large number of buildings cracked. Santa Barbara Gazette, 19 July 1855, p. 1.

MISSION SAN GABRIEL I=8

The bells were thrown down. Los Angeles Star, 14 July 1855, p. 2.

THE MONTE I=F

Felt. Los Angeles Star, 14 July 1855, p. 2.

SAN BERNARDINO COUNTY

COCO-MUNGO I=F

Felt. Los Angeles Star, 14 July 1855, p. 2.

THE SAWMILL 8 MI. EAST OF SAN BERNARDINO I=F

Felt distinctly. Trask (1864b), p. 139.

SANTA BARBARA COUNTY

SANTA BARBARA I=F

Felt distinctly. Trask (1864b), p. 139.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1855 Aug 27  
TIME: 11:00 GMT  
LOCATION: 38:00N 122.500 W SAN PABLO BAY AREA

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SAN FRANCISCO COUNTY

MISSION DOLORES I=5

Awoke all; some ran out. The Petaluma Weekly Journal, 1 Sept 1855, p. 2.

PRESIDIO I=5

Awoke all. The Petaluma Weekly Journal, 1 Sept 1855, p. 2.

ST. ANN'S VALLEY I=6

"...a large pier glass...was thrown from its position and broken"; paintings knocked plaster from walls. Daily Alta California (San Francisco), 29 Aug 1855, p. 2.

Several articles of furniture moved; people startled from their sleep. The Petaluma Weekly Journal, 1 Sept 1855, p. 2.

SAN FRANCISCO I=5

Severe; felt by many (3:00 AM). Daily Alta California (San Francisco), 29 Aug 1855, p. 2.

SONOMA COUNTY

MISSION SAN FRANCISCO DE SOLANO I=S

Violent. Holden (1898), p. 45.

PETALUMA I=S

Severe. The Petaluma Weekly Journal, 1 Sept 1855, p. 2.

GEN. VALLEJO'S RANCH, OPPOSITE PETALUMA I-6

Adobe house cracked. The Petaluma Weekly Journal, 1 Sept 1855,  
p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1856 Jan 2

TIME: 18:15 GMT

LOCATION: 37.500N 122.500W SAN FRANCISCO BAY AREA

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MONTEREY COUNTY

MONTEREY I=5

Some people ran out; a little fright. Monterey Sentinel, 5 Jan 1856, p. 2.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6-7

"...caused serious alarm in several parts of the city"; in a building doors and window sashes forced open, iron shutters warped and bent, masonry walls injured; picture frames rattled against the walls of the City Hall. San Francisco Daily Herald, 3 Jan 1856, p. 2.

Slight. The Golden Era (San Francisco), 6 Jan 1856, p. 4.

SANTA CLARA COUNTY

SAN JOSE I=4

Rattled doors and windows considerably; caused a little fright. San Jose Telegraph, 8 Jan 1856, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1856 Feb 15  
TIME: 13:25 GMT  
LOCATION: 37.600N 122.400W SAN FRANCISCO BAY AREA

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ALAMEDA COUNTY

ALAMEDA I=F

About the same as Oakland. San Francisco Herald, Steamer Issue,  
20 Feb 1856, p. 1.

ALVARADO I=S

Very severe. Daily Alta California (San Francisco), 16 Feb 1856,  
p. 2.

CLINTON I=F

About the same as Oakland. San Francisco Herald, Steamer Issue,  
20 Feb 1856, p. 1.

OAKLAND I=7

"The destruction of window glass ... was quite fearful ..." San  
Francisco Herald, Steamer Issue, 20 Feb 1856, p. 1.

SAN ANTONIO I=S

Very severe. Daily Alta California (San Francisco), 16 Feb 1856,  
p. 2.

CALAVERAS COUNTY

MOKELUMNE HILL I=N

Not felt. The Golden Era (San Francisco), 17 Feb 1856, p. 4.

CONTRA COSTA COUNTY

SAN PABLO I=S

Severe. Daily California Chronicle (San Francisco), 18 Feb 1856,  
p. 1.

EL DORADO COUNTY

DIAMOND SPRINGS I=N

Not felt. Daily Alta California (San Francisco), 16 Feb 1856,  
p. 2.

PLACERVILLE I=N

Not felt. Daily Alta California (San Francisco), 16 Feb 1856,  
p. 2.

MONTEREY COUNTY

MONTEREY I=F

Hard. Monterey Sentinel, 16 Feb 1856, p. 2.

NEVADA COUNTY

NEVADA CITY I=N

Not felt. Daily Alta California (San Francisco), 16 Feb 1856,  
p. 2.

SACRAMENTO COUNTY

SACRAMENTO I=L

Not felt. Daily Alta California (San Francisco), 16 Feb 1856,  
p. 2.

Slightly felt. Daily California Chronicle (San Francisco),  
16 Feb 1856, p. 1.

SAN FRANCISCO COUNTY

ALCATRAZ ISLAND I=5+?

Rumor of damage. Daily Alta California (San Francisco), 16 Feb 1856, p. 1.

FARALLONES I=6+?

"...the Farallones are said to be affected very materially."  
Daily Alta California (San Francisco), 16 Feb 1856, p. 1.

FORT POINT I=5+?

Rumor of Damage. Daily Alta California (San Francisco), 16 Feb 1856, p. 1.

MISSION DOLORES I=6

Furniture displaced; adobe walls cracked. San Francisco Herald, Steamer Issue, 20 Feb 1856, p. 1.

PRESIDIO I=F

Not as severe as in San Francisco. Daily Evening Bulletin (San Francisco), 15 Feb 1856, p. 3.

ST. ANN'S VALLEY I=5-6

Pictures and mirrors jarred from their places; plastering cracked; bottles thrown to floors. San Francisco Herald, Steamer Issue, 20 Feb 1856, p. 1.

SAN FRANCISCO I=7

Fire wall thrown down; two buildings separated by 3 inches. Daily Alta California (San Francisco), 16 Feb 1856, p. 1.

Windows broken; brick walls cracked. Daily Alta California (San Francisco), 16 Feb 1856, p. 2.

Cornice (not fire wall) thrown down; people knocked from their feet. Daily California Chronicle (San Francisco), 16 Feb 1856, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=4

Felt by a number; caused some nausea. Daily San Joaquin Republican (Stockton), 16 Feb 1856, p. 2.

SANTA CLARA COUNTY

SAN JOSE I=5

Awoke all. San Jose Telegraph, 19 Feb 1856, p. 2.

SANTA CLARA I=F

Similar to San Jose. San Francisco Herald, Steamer Issue, 20 Feb 1856, p. 1.

SANTA CRUZ COUNTY

SANTA CRUZ I=6

Several windows were broken. Marysville Daily Herald, 24 Feb 1856, p. 2.

SIERRA COUNTY

DOWNIEVILLE I=N

Not felt. Daily Alta California (San Francisco), 16 Feb 1856, p. 2.

SOLANO COUNTY

BENICIA I=5

Awoke people. Solano County Herald (Benicia), 16 Feb 1856, p. 2.

TUOLUMNE COUNTY

COLUMBIA I=N

Not felt. Daily Alta California (San Francisco), 16 Feb 1856, p. 2.

SONORA I=N

Not felt. Daily Alta California (San Francisco), 16 Feb 1856,  
p. 2.

YUBA COUNTY

MARYSVILLE I=L

Not felt. Daily Alta California (San Francisco), 16 Feb 1856,

Slightly felt. Daily California Chronicle (San Francisco),  
16 Feb 1856, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1856 Sep 21  
TIME: 07:30 GMT  
LOCATION: 33.000N 117.000W SAN DIEGO COUNTY

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SAN DIEGO COUNTY

SAN DIEGO I=5

Cracked plaster. U.S. Weather Bureau Records.

SAN YSABEL I=6

Shook down plaster;cracked the walls of several adobe buildings.  
San Diego Herald, 27 Sept 1856, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1857 Sep 3  
TIME: 03:05GMT  
LOCATION: 39.500N 120.000W CALIFORNIA-NEVADA BORDER AREA

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CALAVERAS COUNTY

MOKELUMNE HILL I=2

Felt by few. The Placer Herald (Auburn), 12 Sep 1857, p. 2.

EL DORADO COUNTY

DIAMOND SPRINGS I=L

Slight. Sacramento Daily Union, 3 Sept 1857, p. 1.

PLACERVILLE I=5?

Slight. The Mountain Democrat (Placerville), 5 Sept 1857,  
p. 2.

"...several window lights were jarred out and bottles were rattled  
in the drug stores." Sacramento Daily Union, 3 Sept 1857, p. 1.

NEVADA COUNTY

NEVADA CITY I=5

Courthouse cracked; candles knocked over; seated person thrown  
forward. The Nevada Journal, 4 Sept 1857, p. 2.

Felt only by those indoors. Nevada Democrat, 9 Sept 1857, p. 2.

NORTH SAN JUAN I=5-6

Bottles fell from shelves. The Nevada Journal, 4 Sept 1857, p. 2.

PLACER COUNTY

AUBURN I=F

Plainly felt. The Nevada Journal, 11 Sept 1857, p. 2.

IOWA HILL I=5-6

Doors and windows rattled; people left their tenements. Daily Alta California (San Francisco), 11 Sept 1857, p. 2.

LAST CHANCE I=5-6

Objects thrown from shelves. Placer Press (Auburn), 12 Sept 1857, p. 2.

MICHIGAN BLUFFS I=5-6

People rushed out; knocked objects from shelves. Sacramento Daily Union, 5 Sept 1857, p. 2.

YANKEE JIM I=H

Very heavy. Placer Press (Auburn), 5 Sept 1857, p. 2.

PLUMAS COUNTY

RABBIT CREEK (LA PORTE) I=F

Plainly felt. The Nevada Journal, 11 Sept 1857, p. 2.

SACRAMENTO COUNTY

SACRAMENTO I=5

Bells in a hardware store rang; some people ran out. Sacramento Daily Union, 3 Sept 1857, p. 1.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=L

Slight. Daily Alta California (San Francisco), 3 Sept 1857, p. 2.

Not felt. Daily Evening Bulletin (San Francisco), 4 Sept 1857,  
p. 2.

SIERRA COUNTY

DOWNIEVILLE I=F

Felt. Sacramento Daily Union, 3 Sept 1857, p. 1.

FOREST CITY I=5

Some people ran out; rattled bottles. Sacramento Daily Union,  
3 Sept 1857, p. 1.

SOLANO COUNTY

BENICIA I=F

Plainly felt. The Nevada Journal, 11 Sept 1857, p. 2.

YUBA COUNTY

CAMPTONVILLE I=F

Felt. Nevada Democrat, 9 Sept 1857, p. 2.

MARYSVILLE I=S

Severe. Marysville Herald, 3 Sept 1857, p. 2.

YOUNGS HILL? I=F

Plainly felt. DeLong Diary.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1858 Nov 26  
TIME: 08:35 GMT  
LOCATION: 37.500N 121.900W SAN FRANCISCO BAY AREA

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ALAMEDA COUNTY

OAKLAND I=F

About the same as Stockton. The Daily Bee (Sacramento), 26 Nov 1858, p. 4.

SAN LEANDRO I=S

Severe. Alameda County Gazette (San Leandro), 27 Nov 1858.

CONTRA COSTA COUNTY

MARTINEZ I=F

About the same as Stockton. The Daily Bee (Sacramento), 26 Nov 1858, p. 4.

PACHECO I=S

Most violent since 1855. The Pacific Sentinel (Santa Cruz), 4 Dec 1858, p. 2.

MARIPOSA COUNTY

MARIPOSA I=F

Plainly felt. Weekly San Joaquin Republican, 11 Dec 1858, p. 2.

MONTEREY COUNTY

MONTEREY I=F

"The earthquake shock...was felt all over the State from Monterey to Downieville..." The Daily Bee (Sacramento), 30 Nov 1858, p. 2.

NAPA COUNTY

NAPA I=5

Most clocks stopped; woke many. The Pacific Sentinel (Santa Cruz), 4 Dec 1858, p. 4.

NEVADA COUNTY

NEVADA CITY I=N?

Not felt (location ambiguous). Nevada Democrat, 1 Dec 1858, p. 2.

SACRAMENTO COUNTY

SACRAMENTO I=5

Slight. The Daily Bee (Sacramento), 26 Nov 1856, p. 2.

Stopped clocks. Sacramento Daily Union, 27 Nov 1858, p. 2.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=7

Awoke people; people ran out. Daily Alta California (San Francisco), 26 Nov 1858, p. 2.

Plaster shaken down; house cracked; objects thrown down. Daily Alta California (San Francisco), 27 Nov 1858, p. 2.

Cornice thrown down; a number of buildings cracked. The San Francisco Herald, 27 Nov 1858, p. 2.

SAN JOAQUIN COUNTY

STOCKTON I=6

Awoke most; plaster shaken from a ceiling; goods thrown from

shelves. Daily San Joaquin Republican, 27 Nov 1858, p. 2.

Brick building cracked; pile of boxes overturned. Stockton Daily Argus. 27 Nov 1858, p. 2.

#### SANTA CLARA COUNTY

##### MOUNTAIN VIEW I=7

Shook down the top courses of bricks on a chimney; another chimney was badly cracked. Clark (1973), p. 456.

##### SAN JOSE I=8

Brick walls cracked; chimneys thrown down. Sacramento Daily Union, 2 Dec 1858, p. 2.

Bells were rung; an old adobe and the corner of a new building were thrown down. Clark (1973), p. 456.

#### SANTA CRUZ COUNTY

##### SANTA CRUZ I=4

Goods in stores rattled; not felt by many (12:35 AM). The Pacific Sentinel (Santa Cruz), 27 Nov 1858, p. 2.

#### SIERRA COUNTY

##### DOWNIEVILLE I=F

Felt. The Daily Bee (Sacramento), 29 Nov 1858, p. 2.

#### SONOMA COUNTY

##### PETALUMA I=L

Felt. Sonoma County Journal (Petaluma), 26 Nov 1858, p. 2.

Slight. The Sonoma County Democrat (Santa Rosa), 2 Dec 1858, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1858 Dec 16  
TIME: 10:00 GMT  
LOCATION: 34:000N 117.500W AQUA MANZA, SAN BERNARDINO COUNTY

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LOS ANGELES COUNTY

LOS ANGELES I=S

Pretty severe. Los Angeles Star, 18 Dec 1858, p. 2.

SAN BERNARDINO COUNTY

AGUA MONZA I=9

House shaken down. Los Angeles Star, 25 Dec 1858, p. 2.

SAN BERNARDINO I=7

Gable knocked down; paper torn from the walls of a house.  
Los Angeles Star. 25 Dec 1858, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1859 Oct 5  
TIME: 20:16 GMT  
LOCATION: 37.800N 122.400W SAN FRANCISCO

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SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Bells rang; plastering shaken off. Daily Alta California (San Francisco), 6 Oct 1859, p. 2.

Walls cracked in several brick buildings; objects knocked from shelves. San Francisco Daily Times, 6 Oct 1859, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1860 Jan 27  
TIME: 08:30 GMT  
LOCATION: 34.100N 118.200W LOS ANGELES

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LOS ANGELES COUNTY

LOS ANGELES I=5

Awoke people; rattled doors and windows. Los Angeles Star,  
28 Jan 1860, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1860 Mar 15  
TIME: 19:00 GMT  
LOCATION: 39.500N 119.500W WESTERN NEVADA

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BUTTE COUNTY

OROVILLE I=N

Not felt. The Butte Record (Oroville), 24 Mar 1860, p. 2.

EL DORADO COUNTY

COLOMA I=L

Slight. Nevada National (Grass Valley), 17 Mar 1860, p. 2.

GEORGETOWN I=5

Very severe; bottles and crockery were disarranged. Sacramento Daily Union, 17 Mar 1860, p. 2.

PLACERVILLE I=L

Slight. Nevada National (Grass Valley), 17 Mar 1860, p. 2.

NEVADA COUNTY

BOPE'S RANCH, 10 MILES ABOVE NORTH SAN JUAN I=6+

Pond stirred up. The Hydraulic Press (North San Juan), 17 Mar 1860, p. 3.

GRASS VALLEY I=F

Felt. Nevada National (Grass Valley), 17 Mar 1860, p. 2.

NEVADA CITY I=5-6

People ran out. The Nevada Journal, 16 Mar 1860.

NORTH SAN JUAN I=5-6

People ran out; not felt by some. The Hydraulic Press (North San Juan), 17 Mar 1860, p. 3.

OMEGA I=4

Rattled dishes. The Nevada Journal, 23 Mar 1860, p. 2.

#### PLACER COUNTY

AUBURN I=N?

"...not moved by it..." The Placer Herald (Auburn), 17 Mar 1860, p. 2.

FOREST HILL I=5-6

People ran from buildings. Weekly San Joaquin Republican (Stockton), 24 Mar 1860, p. 1.

IOWA HILL I=6

Rang every bell. Daily Alta California (San Francisco), 17 Mar 1860, p. 1.

YANKEE JIM'S I=S

Quite severe. The Placer Herald (Auburn), 17 Mar 1860, p. 2.

#### SACRAMENTO COUNTY

SACRAMENTO I=5-6

People ran out; felt by people in the streets; knocked over tin ware. The Daily Bee (Sacramento), 15 Mar 1860, p. 3.

Stopped clocks; rang bells. Daily Alta California (San Francisco),

17 Mar 1860, p. 1.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=2

Not felt. Nevada National (Grass Valley), 17 Mar 1860, p. 2.

Felt by some about Rincon Point. Daily Alta California (San Francisco), 17 Mar 1860, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=L

Very slight. Weekly San Joaquin Republican (Stockton), 17 Mar 1860, p. 2.

SANTA CLARA COUNTY

SAN JOSE I=N

Not felt. San Jose Telegraph, 21 Mar 1860, p. 2.

SIERRA COUNTY

DOWNIEVILLE I=5-6

Goods shaken from shelves. Weekly San Joaquin Republican (Stockton), 24 Mar 1860, p. 1.

FOREST CITY I=F

Felt. The Placer Herald (Auburn), 17 Mar 1860, p. 2.

SISKIYOU COUNTY

YREKA I=F

Felt. The Nevada Democrat, 21 Mar 1860, p. 2.

SUTTER COUNTY

YUBA CITY I=5

Some people ran out. Daily Appeal (Marysville), 16 Mar 1860, p. 2.

YUBA COUNTY

MARYSVILLE I=5

Some people ran out. Daily Appeal (Marysville), 16 Mar 1860, p. 2.

Stopped clocks. Weekly San Joaquin Republican, 24 Mar 1860, p. 1.

STATE OF NEVADA

CARSON CITY I=6

Goods shaken from shelves; "a general panic prevailed". Daily Evening Bulletin (San Francisco), 15 Mar 1860, p. 2.

GENOA I=F

Noticed. The Mountain Democrat (Placerville), 17 Mar 1860, p. 2.

BETWEEN PYRAMID LAKE AND CARSON CITY I=6+

Rock slides. Territorial Enterprise (Carson City), 31 Mar 1860, p. 2.

WASHOE I=F

Felt. Daily Evening Bulletin (San Francisco), 17 Mar 1860, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1860 Nov 13  
TIME: 00:00 GMT  
LOCATION: 40.800N 124.200W HUMBOLDT COUNTY

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HUMBOLDT COUNTY

EUREKA I=7

Displaced loose articles; trees swayed; frame house under construction moved on its foundation; plastered walls cracked; chimneys settled. The Humboldt Times (Eureka), 17 Nov 1860, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1861 Jul 4  
TIME: 00:11 GMT  
LOCATION: 37.700N 121.900W CALAVERAS FAULT RUPTURE

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ALAMEDA COUNTY

ALVISO HOUSE I=8?

Adobe house cracked. Daily Alta California (San Francisco),  
6 July 1861, p. 1.

House shaken down. Daily Morning Call (San Francisco), 6 July  
1861, p. 2.

BERNAL HOUSE I=6?

Adobe house cracked. Daily Alta California (San Francisco),  
6 July 1861, p. 1.

J.W. DOUGHERTY'S, AMADOR VALLEY I=8

Furniture considerably damaged; roof of the kitchen thrown off;  
chimneys thrown down; several persons thrown violently to the  
ground. Sacramento Daily Union, 8 July 1861, p. 4.

Walls cracked; nearly all the plaster shaken off; roof of the  
kitchen displaced; about half the tiles of a roof thrown off;  
pole barn thrown out of perpendicular. Daily Alta California  
(San Francisco), 6 July 1861, p. 1.

JOEL HARLAN'S I=7

Chimneys destroyed; person thrown against a wall. Sacramento  
Daily Union, 8 July 1861, p. 4.

SAN LEANDRO I=7?

Person thrown down. Sacramento Daily Union, 8 July 1861, p. 4.

#### CONTRA COSTA COUNTY

PACHECO I=5

Windows and doors rattled; at least one person ran out. Contra Costa Gazette (Pacheco), 9 July 1861, p. 2.

#### SACRAMENTO COUNTY

SACRAMENTO I=3

Felt by people sitting but not those standing. Sacramento Daily Union, 4 July 1861, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=6?

Stopped many clocks; people ran out. Daily Evening Bulletin (San Francisco), 5 July 1861, p. 3.

Shook down a propped up house. Daily Morning Call (San Francisco), 6 July 1861, p. 2.

#### SAN JOAQUIN COUNTY

STOCKTON I=S

Violent. Weekly San Joaquin Republican (Stockton), 6 July 1861, p. 3.

"a great many people were considerably astonished." Weekly San Joaquin Republican (Stockton), 6 July 1861, p. 3.

#### SAN MATEO COUNTY

REDWOOD CITY I=5-6

People ran out. San Mateo County Gazette (Redwood City), 6 July 1861, p. 4.

#### SANTA CLARA COUNTY

SAN JOSE I=L

Slight. The San Jose Tribune, 5 July 1861, p. 3.

SANTA CRUZ COUNTY

SANTA CRUZ I=F

Felt very perceptibly. Pacific Sentinel (Santa Cruz), 4 July 1861, p. 3.

SOLANO COUNTY

BENICIA I=6

Plaster knocked from a ceiling. The Sonoma County Democrat (Santa Rosa), 11 July 1861, p. 2.

SONOMA COUNTY

PETALUMA I=F

Smart. The Sonoma County Journal (Petaluma), 12 July 1861, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1863 Dec 19  
TIME: 22:38 GMT  
LOCATION: 37.400N 122.200W SAN FRANCISCO BAY AREA

---

CONTRA COSTA COUNTY

PACHECO I=N

Not felt. The Contra Costa Gazette (Pacheco), 26 Dec 1863, p. 2.

NAPA COUNTY

NAPA I=2

Felt by two or three. The Napa County Reporter, 26 Dec 1863,  
p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=5-6

People ran out. Daily Alta California (San Francisco), 20 Dec  
1863, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=4?

Felt throughout town; chandeliers swayed. Stockton Daily  
Independent, 21 Dec 1863, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=5?

At least one person ran out. San Jose Mercury, 24 Dec 1863, p. 3.

SANTA CLARA I=H

One of the heaviest in years. Daily Alta California (San Francisco), 20 Dec 1863, p. 1.

SANTA CRUZ COUNTY

SANTA CRUZ I=S

Most violent for some time. Santa Cruz Sentinel, 26 Dec 1863, p. 2.

SONOMA COUNTY

PETALUMA I=F

Lively little. The Sonoma County Journal (Petaluma), 25 Dec 1863, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1864 Feb 26

TIME: 13:47 GMT

LOCATION: 36.900N 121.500W EAST OF MONTEREY BAY

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CONTRA COSTA COUNTY

MARTINEZ I=F

Considerable. The Contra Costa Gazette (Pacheco), 27 Feb 1864,  
p. 2.

PACHECO I=F

Considerable. The Contra Costa Gazette (Pacheco), 27 Feb 1864,  
p. 2.

MONTEREY COUNTY

MONTEREY I=6

Adobe walls cracked; type was pied; women with children rushed  
outside. Monterey Gazette, 26 Feb 1864, p. 3.

NAPA COUNTY

NAPA I=F

Very perceptible. The Napa County Reporter, 27 Feb 1864, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Awoke those not already awake; door bells rang. Daily Evening  
Bulletin, 26 Mar 1864, p. 3.

Glass broken; book case knocked over. Sacramento Daily Union,

27 Feb 1864, p. 4.

SAN JOAQUIN COUNTY

STOCKTON I=F

Awoke a good many. Stockton Daily Independent 27 Feb 1864, p. 3.

SAN LUIS OBISPO COUNTY

SAN LUIS OBISPO I=H

Strongly felt. Sacramento Daily Union, 2 Mar 1864, p. 2.

SANTA CLARA COUNTY

SAN JOSE I=6

Awoke deep sleepers; widened cracks in buildings. San Jose Mercury, 3 Mar 1864, p. 3.

SANTA CRUZ COUNTY

SANTA CRUZ I=S

Very severe. Santa Cruz Sentinel, 27 Feb 1864, p. 2.

WATSONVILLE I=6

Awoke people; "...lamps, pictures, buckets and light beds, with other small articles, tipped over and rolled around..." The Pajaro Times (Watsonville), 27 Feb 1864, p. 2.

SOLANO COUNTY

SUISUN I=L

Light. Semi-Weekly Solano Herald (Suisun), 2 Mar 1864, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1864 Mar 5  
TIME: 16:49 GMT  
LOCATION: 37.400N 121.700W EAST OF MONTEREY BAY

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CONTRA COSTA COUNTY

PACHECO I=F

Smart. The Contra Costa Gazette (Pacheco), 12 Mar 1864, p. 2.

LOS ANGELES COUNTY

LOS ANGELES I=N

Not felt. Sacramento Daily Union, 9 Mar 1864, p. 2.

MERCED COUNTY

MERCED I=4-5

Caused crockery to dance around. Mariposa Weekly Gazette, 12 Mar 1864, p. 2.

NAPA COUNTY

NAPA I=5

Dishes nearly shaken from tables; people on a second floor ran into the street. The Napa Register, 12 Mar 1864, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=2-3

"...felt very sensibly in the upper stories of buildings."  
The Daily Bee (Sacramento), 5 Mar 1864, p. 3.

Felt most by those in second or third floors; not felt by many in first floors or in the streets. Sacramento Daily Union, 7 Mar 1864, p. 5.

SAN BENITO COUNTY

MISSION SAN JUAN I=F

Felt. Trask (1864a), p. 128.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Broke windows; plastering broken; buildings cracked. Sacramento Daily Union, 7 Mar 1864, p. 5.

SAN JOAQUIN COUNTY

STOCKTON I=5-6

People rushed into the streets; not generally perceptible to those standing. Stockton Daily Independent, 7 Mar 1864, p. 3.

SAN MATEO COUNTY

SOUTH OF SAN FRANCISCO I=F

Felt. Trask (1864a), p. 128.

SANTA CLARA COUNTY

GILROY I=F

Felt. Trask (1864a), p. 128.

SAN JOSE I=5-6

People ran out. San Jose Mercury, 10 Mar 1864, p. 2.

SANTA CLARA I=4

"The church steeples shook back and forth like trees in a gale

of wind...Goods suspended in the stores remained in motion for several minutes." Sacramento Daily Union, 7 Mar 1864, p. 5.

SANTA CRUZ COUNTY

RESIDENCE OF MR. DONA(SON) I=6+?

Ground sank five feet (date uncertain). Mariposa Weekly Gazette, 19 Mar 1864, p. 2.

SANTA CRUZ I=F

"...the most decided one of the season..." Santa Cruz Sentinel, 12 Mar 1864, p. 2.

SOLANO COUNTY

SUISUN I=F

Very decided. Semi-weekly Solano Herald (Suisun), 5 Mar 1864, p. 2.

SONOMA COUNTY

PETALUMA I=F

Gentle. Petaluma Journal and Argus, 10 Mar 1864, p. 2.

SANTA ROSA I=L

Slight. Sacramento Daily Union, 9 Mar 1864, p. 2.

STANISLAUS COUNTY

MORLEY'S RANCH I=4-5

Clock stopped; jingled irons in a blacksmith shop. Stockton Daily Independent, 8 Mar 1864, p. 2.

TULARE COUNTY

VISALIA I=3

Not felt. Sacramento Daily Union, 9 Mar 1864, p. 2.

Rattled doors and windows; felt by only those upstairs. The Visalia Delta, 10 Mar 1864, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1864 May 21  
TIME: 02:01 GMT  
LOCATION: 38.500N 122.000W SOUTHERN SAN FRANCISCO BAY AREA

---

CONTRA COSTA COUNTY

PACHECO I=S

Very severe. The Contra Costa Gazette (Pacheco), 28 May 1864,  
p. 2.

MARIN COUNTY

SAN RAFAEL I=F

Felt. The Marin County Journal (San Rafael), 28 May 1864, p. 3.

MONTEREY COUNTY

MONTEREY I=H?

Heavy (time reported as between 2 and 3 PM local). Monterey Gazette 27 May 1864, p. 3.

NAPA COUNTY

NAPA I=4

Crockery rattled; window sash shaken; pendent lamps set swinging.  
The Napa County Reporter, 28 May 1864, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=2

Felt only by those in upper floors. The Daily Bee (Sacramento),  
21 May 1864, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

A few windows broken; plastering cracked. Daily Evening Bulletin (San Francisco), 21 May 1864, p. 3.

SAN JOAQUIN COUNTY

STOCKTON I=S

Distinctly felt. Stockton Daily Independent, 21 May 1864, p. 3.

Very severe. Daily Alta California (San Francisco), 21 May 1864, p. 1.

SANTA CLARA COUNTY

SAN JOSE I=6

People kept their equilibrium with difficulty. San Jose Mercury, 26 May 1864, p. 3.

SANTA CRUZ COUNTY

WATSONVILLE I=S

Severe. The Pajaro Times (Watsonville), 28 May 1864, p. 3.

SONOMA COUNTY

SANTA ROSA I=S

Severe. The Sonoma County Democrat (Santa Rosa), 21 May 1864, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1864 Jul 22  
TIME: 06:41 GMT  
LOCATION: 37.500N 122.000W SOUTHERN SAN FRANCISCO BAY AREA

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CONTRA COSTA COUNTY

PACHECO I=S

Pretty severe. The Contra Costa Gazette (Pacheco), 23 July 1864,  
p. 2.

LOS ANGELES COUNTY

LOS ANGELES I=L?

Very light (time not given). Daily Alta California (San Fran-  
cisco), 23 July 1864, p. 1.

MARIN COUNTY

SAN RAFAEL I=F

Distinct. The Marin County Journal (San Rafael), 23 July 1864,  
p. 3.

NAPA COUNTY

NAPA I=S

Severe. The Napa Register, 23 July 1864, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=N

Not felt. The Daily Bee (Sacramento), 22 July 1863, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

Swung chandeliers; some people ran out. Daily Alta California (San Francisco), 22 July 1864, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=S

Severe; more than the one in March. Stockton Daily Independent, 22 July 1864, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=5

Moved a bed mounted on castors. San Jose Mercury, 28 July 1864, p. 3.

At least one person went out. San Jose Patriot, 27 July 1864, p. 2.

SANTA CRUZ COUNTY

WATSONVILLE I=F?

Small (no time or day given). The Pajaro Times (Watsonville), 30 July 1864, p. 3.

SOLANO COUNTY

SUISUN I=F

Distinct. Sacramento Daily Union, 25 July 1864, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1864 Aug 18

TIME: 13:18 GMT

LOCATION: 39.400N 121.000W NEVADA COUNTY

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NEVADA COUNTY

GRASS VALLEY I=6+

Many frightened; shook down the wall of a well. The Daily National (Grass Valley), 18 Aug 1864, p. 3.

NEVADA CITY I=5

Awoke almost everybody. Nevada Daily Gazette, 19 Aug 1864, p. 3.

Windows rattled; clocks stopped. Nevada Daily Transcript, 19 Aug 1864, p. 3.

SAN JUAN I=F

Distinctly perceptible. The Daily National (Grass Valley), 18 Aug 1864, p. 3.

PLACER COUNTY

DUTCH FLAT I=4

Rattled doors, shutters, pans, kettles, and pots. The Dutch Flat Enquirer, 20 Aug 1864, p. 2.

SACRAMENTO COUNTY

SACRAMENTO I=N

Not felt at Sacramento. Nevada Daily Transcript, 19 Aug 1864, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=N

Not felt at San Francisco. Nevada Daily Transcript, 19 Aug 1864, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=S

Felt distinctly. Marysville Daily Appeal, 21 Aug 1864, p. 3.

Exceedingly violent. Nevada Daily Gazette, 19 Aug 1864, p. 3.

Quite heavy. Marysville Daily Appeal, 26 Aug 1864, p. 3.

SUTTER COUNTY

YUBA CITY I=F

Felt. Marysville Daily Appeal, ~~19~~ Aug 1864, p. 3.

YUBA COUNTY

CAMPTONVILLE I=S

Very severe. Marysville Daily Appeal, 20 Aug 1864, p. 3.

MARYSVILLE I=4

Felt by those awake. Marysville Daily Appeal, 19 Aug 1864, p. 3.

Not felt at Marysville. Nevada Daily Transcript, 19 Aug 1864, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATA: 1865 Mar 8

TIME: 14:30 GMT

LOCATION: 38.400N 122.600W SONOMA COUNTY

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ALAMEDA COUNTY

SAN LEANDRO I=4

Rattled windows and doors. Alameda County Gazette (San Leandro),  
11 Mar 1865, p. 3.

NAPA COUNTY

NAPA I=5-6

Rattled crockery; buildings creaked. The Napa Register, 11 Mar  
1865, p. 2.

Some people ran out; water was slopped from some full vessels;  
articles thrown from shelves. Daily Alta California (San Fran-  
cisco), 13 Mar 1865, p. 1.

SAN FRANCISCO

SAN FRANCISCO I=4

Startled sleepers in tall buildings; generally felt throughout  
the city. Daily Alta California (San Francisco), 9 Mar 1865,  
p. 1.

SOLANO COUNTY

SUISUN I=4

Felt by those awake. The Weekly Solano Herald (Suisun), 10 Mar  
1865, p. 2.

SONOMA COUNTY

BENNET VALLEY, A FEW MILES FROM SANTA ROSA I=8

Chimneys thrown down; stone fence knocked down. The Sonoma Democrat (Santa Rosa), 11 Mar 1865, p. 2.

PETALUMA I=4-5

Gentle; people in upper stories (5th and 6th) "considerably exercised". Petaluma Journal and Argus, 9 Mar 1865, p. 2.

SANTA ROSA I=5

Felt by most outdoors; trees swayed. The Sonoma Democrat (Santa Rosa), 11 Mar 1865, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1865 May 24  
TIME: 11:21 GMT  
LOCATION: 37.100N 121.700W EAST OF MONTEREY BAY

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ALAMEDA COUNTY

SAN LEANDRO I=5

Some ran outside. Daily Alta California (San Francisco), 25 May 1865, p. 1.

Knocked over a bottle. Alameda County Gazette (San Leandro), 27 May 1865, p. 3.

MONTEREY COUNTY

MONTEREY I=5

Stirred up citizens (2:21 AM). Monterey Gazette, 26 May 1865, p. 2.

SAN BENITO COUNTY

SOUTH SAN JUAN I=6

Broke crockery; many ran out. Daily Alta California, 25 May 1865, p. 1.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

Woke many; rang door bells. Daily Evening Bulletin (San Francisco), 24 May 1865, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=5

Severe. San Jose Patriot, 24 May 1865, p. 2.

SANTA CRUZ COUNTY

SANTA CRUZ I=S

Violent. Santa Cruz Sentinel, 27 May 1865, p. 3.

WATSONVILLE I=S

Severe. Pajaro Valley Times (Watsonville), 27 May 1865, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1865 Oct 1

TIME: 17:15 GMT

LOCATION: 40.800N 124.000W HUMBOLDT COUNTY

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HUMBOLDT COUNTY

EUREKA I=7

Half the chimneys more or less shattered or injured. The Humboldt Times (Eureka), 7 Oct 1865, p. 3.

Most brickwork cracked; chimney thrown down; plaster knocked off; many redwoods uprooted. Weekly Trinity Journal (Weaverville), 14 Oct 1865, p. 2.

A number of chimneys twisted off. Weekly Trinity Journal (Weaverville), 21 Oct 1865, p. 2.

FORT HUMBOLDT I=7

Crack opened in the parade ground; all buildings more or less injured. Weekly Trinity Journal (Weaverville), 14 Oct 1865, p. 2.

Chimneys knocked down or twisted. Daily Evening Bulletin (San Francisco), 12 Oct 1865, p. 2.

HYDESVILLE I=F

Felt. Weekly Trinity Journal (Weaverville), 14 Oct 1864, p. 2.

TRINITY COUNTY

GRASS VALLEY I=F

Distinctly felt. Weekly Trinity Journal (Weaverville), 14 Oct 1865, p. 2.

WEAVERVILLE I=F

Distinctly felt. Weekly Trinity Journal (Weaverville), 14 Oct  
1865, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1865 Oct 8  
TIME: 20:46 GMT  
LOCATION: 37.100N 121.900W SANTA CRUZ MOUNTAINS

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ALAMEDA COUNTY

SAN LEANDRO I=6

Church bell tolled; milk slopped from a pan. Alameda County Gazette (San Leandro), 14 Oct 1865, p. 2.

CONTRA COSTA COUNTY

ALAMO I=6

Some slight cracks in the upper floor of a brick building.  
The Contra Costa Gazette (Pacheco), 14 Oct 1865, p. 2.

MARTINEZ I=6

Some plaster shaken down. The Contra Costa Gazette (Pacheco),  
4 Oct 1865, p. 2.

PACHECO I=6

Some plaster shaken down; crockery and glassware broken.  
The Contra Costa Gazette (Pacheco), 14 Oct 1865, p. 2.

EL DORADO COUNTY

PLACERVILLE I=2

Barely perceptible in the upper stories of buildings. Nevada Daily Gazette, 12 Oct 1865, p. 3.

LOS ANGELES COUNTY

LOS ANGELES I=N

Not felt. Daily Alta California (San Francisco), 9 Oct 1865,  
p. 1.

#### MARIN COUNTY

LAGUNITAS I=N

Not felt. The Marin County Journal (San Rafael), 21 Oct 1865,  
p. 3.

SAN RAFAEL I=5-6

People ran out; clocks stopped. The Marin County Journal (San  
Rafael), 14 Oct 1865.

TOMALES BAY I=F

Felt distinctly. Sacramento Daily Union, 16 Oct 1865, p. 2.

#### MERCED COUNTY

SNELLING I=2

Felt by very few. Weekly Merced Herald (Snelling), 14 Oct 1865,  
p. 2.

#### MONTEREY COUNTY

MONTEREY I=F

Unharmed. Pajaro Valley Times (Watsonville), 14 Oct 1865, p. 2.

#### NAPA COUNTY

NAPA I=7

Severe. The Napa Register, 14 Oct 1865, p. 3.

Plaster slightly cracked in a house; toppled down a chimney.  
Sacramento Daily Union, 16 Oct 1865, p. 2.

NEVADA COUNTY

NEVADA CITY I=2

Felt by one person upstairs. Nevada Daily Gazette, 12 Oct 1865, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=5

Clocks stopped; pictures swung out from walls. The Daily Bee (Sacramento), 9 Oct 1865, p. 2.

Felt by not more than a quarter of the population. The Daily Bee (Sacramento), 9 Oct 1865, p. 3.

SAN BENITO COUNTY

SAN JUAN I=5+

Slight damage. Pajaro Valley Times (Watsonville), 14 Oct 1865, p. 2.

SAN FRANCISCO COUNTY

GEORGE WASHINGTON, OFF THE HEADS I=F

Felt on board ship. Daily Alta California (San Francisco), 10 Oct 1865, p. 1.

SAN FRANCISCO I=8

On made land - Some fire walls thrown down; part of a roof fell in; numerous brick walls cracked; a few structural walls partly knocked down. Daily Alta California (San Francisco), 9 Oct 1865, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=6

Some people ran out; door bells rang; lamps swung. Daily Evening Herald (Stockton), 9 Oct 1865, p. 3.

A brick building slightly cracked. Stockton Daily Independent,  
9 Oct 1865, p. 3.

Ceilings in several houses cracked; clocks stopped. Stockton  
Daily Independent, 10 Oct 1865, p. 3.

#### SAN MATEO COUNTY

SCHOONER FAYAWAY, 25 MI OFF PT. ANO NUEVO I=F

Felt on board the ship. Daily Alta California (San Francisco),  
11 Oct 1865, p. 1.

HALF MOON BAY I=6+

Threw down large masses of rock from the bluffs. Daily Alta  
California (San Francisco), 10 Oct 1865, p. 1.

REDWOOD CITY I=7

Front wall of the court house was sprung considerably. San Mateo  
County Gazette (Redwood City), 14 Oct 1865, p. 4.

#### SANTA BARBARA COUNTY

SANTA BARBARA I=N

Not felt. Daily Evening Bulletin (San Francisco), 17 Oct 1865,  
p.

#### SANTA CLARA COUNTY

LOS GATOS I=6+

Streams risen greatly. Holden (1898), p. 67.

MCCARTYSVILLE (SARATOGA) I=6+

Streams risen greatly. Holden (1898), p. 67.

MOUNTAIN CHARLEY'S I=6+

"...the earth opened in several places and steam and water were thrown up through the cracks." San Jose Patriot, 18 Oct 1865, p. 2.

NEW ALMADEN I=9

Several houses thrown down. San Jose Patriot, 11 Oct 1865, p. 2.

NEW ALMADIN MINES I=6+

Timbers in mine crushed. Mariposa Gazette, 21 Oct 1865, p. 2.

SAN JOSE I=8

Some brick walls thrown down; several chimneys thrown down. San Jose Mercury, 12 Oct 1865, p. 2.

2 1/2 MI FROM SAN JOSE ON THE NEW ALMADEN ROAD I=7-8

Walls of a house cracked, parts of the wall fell out. San Jose Patriot, 11 Oct 1865, p. 2.

SANTA CLARA I=7

All the brick buildings in town cracked; brick pilasters shaken off and fire wall more or less broken on a church. Daily Alta California (San Francisco), 9 Oct 1865, p. 1.

SANTA CRUZ GAP ROAD I=7

Chimneys thown down. Daily Alta California (San Francisco), 9 Oct 1865, p. 1.

SANTA CRUZ COUNTY

CORRELITOS I=7?

Mill moved 6 or 8 inches; walls of a warehouse opened. Santa Cruz Sentinel, 14 Oct 1865, p. 2.

Mill thrown out of gear. Pajaro Valley Times (Watsonville), 14 Oct 1865, p. 2.

SANTA CRUZ I=7-8

Brick walls cracked; newly laid wall partly thrown down; most chimneys cracked, many offset or thrown down. Santa Cruz Sentinel, 14 Oct 1865, p. 2.

SOQUEL I=7

A few chimneys thrown down. Santa Cruz Sentinel, 14 Oct 1865, p. 2.

WATSONVILLE I=7

Many chimneys thrown down. Pajaro Valley Times (Watsonville), 14 Oct 1865, p. 2.

SOLANO COUNTY

SUISUN I=S

Severest ever experienced. The Weekly Solano Herald (Suisun) 13 Oct 1865, p. 2.

SONOMA COUNTY

PETALUMA I=5-6

People ran out. Petaluma Journal and Argus, 12 Oct 1865, p. 2.

SANTA ROSA I=S

Tolerably severe. The Sonoma County Democrat (Santa Rosa), 14 Oct 1865, p. 3.

TULARE COUNTY

VISALIA I=N

Not felt. Daily Alta California (San Francisco), 9 Oct 1865, p. 1.

YUBA COUNTY

MARYSVILLE I=2

Felt by a few. Daily Evening Bulletin (San Francisco), 12 Oct  
1865, p. 3.

STATE OF NEVADA

VIRGINIA CITY I=N

Not felt. San Jose Patriot, 18 Oct 1865, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1865 Dec 16  
TIME: 05:00 GMT  
LOCATION: 38.800N 123.100W SONOMA COUNTY

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MENDOCINO COUNTY

DRY CREEK, NEAR THE SONOMA LINE I=H

Heavy. Mendocino Herald (Ukiah), 8 Dec 1865, p. 3.

THE HERMITAGE I=H

Heavy. Mendocino Herald (Ukiah), 8 Dec 1865, p. 3.

SONOMA COUNTY

CLOVERDALE I=4

Felt by most. Clear Lake Journal (Lakeport), 4 Jan 1866, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1866 Mar 26  
TIME: 20:12 GMT  
LOCATION: 37.100N 121.600W EAST OF MONTEREY BAY

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MONTEREY COUNTY

MONTEREY I=S

Severe. Monterey Gazette, 30 Mar 1866, p. 3.

NAPA COUNTY

NAPA I=2

Felt by few. The Napa Register, 31 Mar 1866, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=2

Felt by several in upper floors. Sacramento Daily Union,  
27 Mar 1866, p. 3.

SAN BENITO COUNTY

SAN JUAN SOUTH I=S

Severe. Daily Evening Bulletin (San Francisco), 26 Mar 1866,  
p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Some ran outdoors; not felt on the street. Daily Alta California  
(San Francisco), 27 Mar 1866, p. 1.

Broke a few panes of glass. The Daily Examiner, 26 Mar 1866,  
p. 3.

Cracked plaster. Sacramento Daily Union, 29 Mar 1866, p. 3.

#### SAN JOAQUIN COUNTY

STOCKTON I=3

Felt by a number of citizens. Daily Evening Herald, 27 Mar 1866,  
p. 2.

#### SANTA CLARA COUNTY

GILROY I=7

Several chimneys tumbled down. Daily Evening Bulletin (San  
Francisco), 26 Mar 1866, p. 3.

SAN JOSE I=5

Houses rattled considerably; some rushed out. Daily Evening  
Patriot (San Jose), 26 Mar 1866, p. 1.

#### SANTA CRUZ COUNTY

SANTA CRUZ I=H

"Visible"; jarred heavily; no damage. The Santa Cruz Sentinel,  
31 Mar 1866, p. 2.

WATSONVILLE I=F

Felt. The Santa Cruz Sentinel, 31 Mar 1866, p. 2.

#### SONOMA COUNTY

PETALUMA I=F

Very sensibly felt. Petaluma Journal and Argus, 29 Mar 1866,  
p. 2.

SANTA ROSA I=F

Felt in this county. The Sonoma Democrat, 31 Mar 1866, p. 5.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1866 Jul 15  
TIME: 06:30 GMT  
LOCATION: 37.300N 121.200W DIABLO RANGE, STANISLAUS COUNTY

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ALAMEDA COUNTY

OAKLAND I=F

Felt. Sacramento Daily Union, 19 July 1866, p. 3.

MARIPOSA COUNTY

MARIPOSA I=4

Windows and doors of several houses shook violently. Mariposa Weekly Gazette, 21 July 1866, p. 2.

MONTEREY COUNTY

MONTEREY I=L

Slight. Monterey Gazette, 20 July 1866, p. 3.

NEVADA COUNTY

NEVADA CITY I=F

Felt. The Daily Bee (Sacramento), 18 July 1866, p. 2.

SACRAMENTO COUNTY

SACRAMENTO I=5

Some doors thrown open; shutters waved. The Daily Bee (Sacramento), 16 July 1866, p. 3.

Doors, windows, crockery, and glassware rattled; a few clocks

stopped; some awakened; not felt by most who were on their feet.  
Sacramento Daily Union, 16 July 1866, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=2-3

Not felt by most. Daily Alta California (San Francisco), 16 July 1866, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=5

Some people ran out. The Stockton Daily Independent, 16 July 1866, p. 3.

WOODBIDGE I=N

Not felt. Woodbridge Weekly Messenger, 20 July 1866, p. 2.

SANTA CLARA COUNTY

SAN JOSE I=F

Felt. San Jose Patriot, 21 July 1866, p. 3.

TULARE COUNTY

VISALIA I=4

Felt by many. Visalia Weekly Delta, 18 July 1866, p. 3.

YOBA COUNTY

MARYSVILLE I=4

Slight. Marysville Daily Appeal, 15 July 1866, p. 3.

Some crockery rattled; some pendent objects swung. Marysville Daily Appeal, 17 July 1866, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1867 Dec 2  
TIME: 08:20 GMT  
LOCATION: 39.600N 120.900W SIERRA COUNTY

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NEVADA COUNTY

GRASS VALLEY I=N

Not felt. Grass Valley Daily Union, 4 Dec 1867, p. 2.

NEVADA CITY I=4

Felt by 3 or 4; awoke at least one person. Nevada Daily Gazette,  
3 Dec 1867, p. 3.

PLUMAS COUNTY

LA PORTE I=5

Rang clock bells; rattled windows; awoke many people. Marysville  
Daily Appeal, 6 Dec 1867, p. 3.

QUINCY I=4

Buildings creaked; crockery rattled. The Plumas National  
(Quincy), 7 Dec 1867, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=5

Awoke a majority of the people. The Mountain Messenger (Downie-  
ville), 7 Dec 1867, p. 3.

FOREST CITY I=5

Awoke all the people. Nevada Daily Gazette, 3 Dec 1867, p. 3.

Awoke about half the people in town. The Mountain Messenger  
(Downieville), 7 Dec 1867, p. 2.

PORT WINE I=H

Heavy. The Mountain Messenger (Downieville), 21 Dec 1867, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1868 May 30  
TIME: 05:10 GMT  
LOCATION: 39.400N 119.700W VIRGINIA CITY AREA, WESTERN NEVADA

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ALAMEDA COUNTY

OAKLAND I=F

Very distinctly felt. Sacramento Daily Union, 3 June 1868, p. 3.

LASSEN COUNTY

SUSANVILLE I=4-5

"It created quite a commotion among furniture and rocked buildings about..." The Sage Brush (Susanville), 6 June 1868, p. 3.

NEVADA COUNTY

GRASS VALLEY I=4

Felt by many. The Daily National (Grass Valley), 30 May 1868, p. 3.

NEVADA CITY I=4

Violent. Nevada Daily Gazette, 1 June 1868, p. 1.

Felt by many. Nevada Daily Transcript, 31 May 1868, p. 3.

PLACER COUNTY

AUBURN I=3

Felt by a number. The Placer Herald (Auburn), 6 June 1868, p. 1.

IOWA HILL I=S

Violent. Stars and Stripes (Auburn), 4 June 1868, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=4

Gas burners swang; windows rattled. The Daily Bee (Sacramento), 30 May 1868, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=L

Not felt. Daily Evening Bulletin (San Francisco), 30 May 1868, p. 2.

Slightly felt. Daily Territorial Enterprise (Virginia City), 30 May 1868, p. 3.

SAN JOAQUIN COUNTY

STOCKTON I=H

Heavy. Stockton Daily Independent, 1 June 1868, p. 2.

YUBA COUNTY

MARYSVILLE I=4-5

Opened a few doors. Marysville Daily Appeal, 31 May 1868, p. 3.

STATE OF NEVADA

AUSTIN I=L

Slight. Silver Bend Reporter (Belmont), 6 June 1868, p. 2.

REESE RIVER (AUSTIN) I=S

Severe. Daily Alta California (San Francisco), 3 June 1868, p. 1.

BELMONT I=N

Not felt. Silver Bend Reporter (Belmont), 6 June 1868, p. 2.

CARSON CITY I=6

Many people rushed out. Carson Daily Appeal, 30 May 1868, p. 3.

DAYTON I=H

Strongly shook up. Daily Territorial Enterprise, 30 May 1868, p. 3.

FORT CHURCHILL I=H

Heavy. Daily Alta California (San Francisco), 30 May 1868, p. 1.

GOLD HILL I=6?

Kerosene lamp knocked over; pile of barley sacks knocked over; coil of rope moved. Gold Hill News, 30 May 1868, p. 2.

GOULD AND CURRY MINE I=F

Not felt. Daily Alta California (San Francisco), 30 May 1868, p. 1.

Felt at the lowest point of the Bonner shaft. Daily Territorial Enterprise (Virginia City), 30 May 1868, p. 3.

HUMBOLDT I=F

Bad. Daily Alta California (San Francisco), 3 June 1868, p. 1.

MAGNOLIA HOUSE, AT THE FOOT OF THE GEIGER GRALE I=5-6

Dishes thrown from a table. Daily Territorial Enterprise (Virginia City), 31 May 1868, p. 3.

BETWEEN RAGTOWN AND VIRGINIA CITY I=7?

Horses knocked from their feet. Daily Territorial Enterprise

(Virginia City), 31 May 1868, p. 3.

RENO I=F

Felt. The Daily Trespass (Virginia City), 30 May 1868, p. 3.

SAVAGE MINE I=5

Felt by all the miners; stopped a pump. Daily Alta California (San Francisco), 30 May 1868, p. 1.

SILVER CITY I=5-6

Threw a child out of its cradle; people ran out. Daily Territorial Enterprise (Virginia City), 30 May 1868, p. 3.

STEAMBOAT SPRINGS I=6+

Flow changed from hot water to hot mud. Daily Territorial Enterprise (Virginia City), 31 May 1868, p. 3.

TRUCKEE VALLEY (MEADOWS?) I=7?

Horses knocked from their feet. Daily Territorial Enterprise (Virginia City), 31 May 1868, p. 3.

VIRGINIA CITY I=7

Bricks shaken from the top of the Court House; brick buildings cracked; plaster knocked off the ceilings of nearly every brick building. Daily Territorial Enterprise (Virginia City), 30 May 1868, p. 3.

WASHOE CITY I=5-6

Bottles knocked from shelves. Daily Territorial Enterprise (Virginia City), 31 May 1868, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1868 Jun 2  
TIME: 17:30 GMT  
LOCATION: 39.500N 120.800W SIERRA COUNTY

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SIERRA COUNTY

DOWNIEVILLE I=F

Distinct; one of the most violent ever experienced. The Mountain Messenger (Downieville), 6 June 1868, p. 3.

FOREST CITY I=F

Felt. The Mountain Messenger (Downieville), 6 June 1868, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1868 Jul 25  
TIME: 02:30 GMT  
LOCATION: 36.300N 119.300W VISALIA, TULARE COUNTY

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TULARE COUNTY

VISALIA I=S

Sensible. The Tulare Times (Visalia), 1 Aug 1868, p. 3.

Severe. Daily Evening Bulletin (San Francisco), 25 July 1868,  
p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1868 Sep 4  
TIME:  
LOCATION: 36.100N 118.400W HEADWATERS OF KERN RIVER

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INYO COUNTY

INDEPENDENCE I=N

Not felt. Daily Morning Chronicle (San Francisco), 22 Oct 1868,  
p. 3.

LONE PINE I=F

"Several earthquakes have occurred." Los Angeles Star, 10 Oct 1868,  
p. 1.

SIERRA NEVADAS OUT OF LONE PINE I=F

Felt. Los Angeles Star, 10 Oct 1868, p. 1.

TULARE COUNTY

HEADWATERS OF KERN RIVER I=6+

Rock slides. Los Angeles Star, 10 Oct 1868, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1868 Sep 17  
TIME: 17:00 GMT  
LOCATION: 38.600N 119.700W ALPINE COUNTY

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ALPINE COUNTY

CARY'S MILLS I=N

Not felt. The Alpine Chronicle (Silver Mountain), 19 Sept 1868, p. 3.

HIGHLAND DISTRICT, 8 MI. FROM SILVER MOUNTAIN I=6+

The mountains could be hardly discerned (probably due to dust clouds caused by rock falls). The Alpine Chronicle (Silver Mountain), 19 Sept 1868, p. 3.

IXL TUNNEL I=F

"The hands in the IXL tunnel say they thought the tunnel was running away; it rolled, and twisted like a snake." The Alpine Chronicle (Silver Mountain), 19 Sept 1868, p. 3.

MARKLEEVILLE I=F

Felt. The Alpine Chronicle (Silver Mountain), 19 Sept 1868, p. 3.

MONITOR I=6

All who were inside rushed out (date given as Thurs., 18 Sept.), The Alpine Miner (Monitor), 19 Sept 1868, p. 3.

MT. BULLION I=6+

Some boulders tumbled down the mountain (date given as Thurs., 18 Sept.). The Alpine Miner (Monitor), 19 Sept 1868, p. 3.

SILVER MOUNTAIN I=6

Caused a general rush into the streets. The Alpine Chronicle (Silver Mountain), 19 Sept 1868, p. 3.

MOUNTAINS 1 MI. SOUTH OF SILVER MOUNTAIN I=6+

Mountains enveloped in smoke (dust clouds, probably due to rock fall). The Alpine Chronicle (Silver Mountain), 19 Sept 1868, p. 3.

CALAVERAS COUNTY

ON THE STANISLAUS I=F?

"...an old woman...felt the shock of an earthquake the other day..." (date not given). Weekly Calaveras Chronicle (Mokelumne Hill), 26 Sept 1868, p. 2.

NEVADA COUNTY

CHALK BLUFF I=4

House cracked (creaked). Nevada Daily Transcript, 18 Sept 1868, p. 3.

NEVADA CITY I=4

Felt by many. Nevada Daily Gazette, 18 Sept 1868, p. 1.

Felt by a number. Nevada Daily Transcript, 18 Sept 1868, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=2

Felt by one or two. The Daily Bee (Sacramento), 19 Sept 1868, p. 2.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=N

Not felt. Daily Morning Call (San Francisco), 18 Sept 1868,

p. 1.

TUOLUMNE COUNTY

BALD MOUNTAIN I=F

Sensibly felt by some miners in a tunnel. Los Angeles Star,  
26 Sept 1868, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1868 Sep 26  
TIME: 08:40 GMT  
LOCATION: 39.200N 123.200W UKIAH, MENDOCINO COUNTY

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MENDOCINO COUNTY

UKIAH I=4

Slight. Mendocino Democrat (Ukiah), 2 Oct 1868, p. 3.

"...those who were not too soundly asleep...experienced an unusually severe shock of an earthquake."; "...shook the buildings until the furniture could be heard to rattle in all parts." The Mendocino Herald (Ukiah), 2 Oct 1868, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1868 Oct 21

TIME: 15:53 GMT

LOCATION: 37.700N 122.100W HAYWARD FAULT RUPTURE, ALAMEDA COUNTY

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ALAMEDA COUNTY

ALAMEDA I=8

Chimneys generally thrown down; part of a brick wall thrown down.  
Oakland Transcript, 22 Oct 1868, p. 3.

BETWEEN ALAMEDA AND SAN LEANDRO I=8

Not a chimney standing. Daily Evening Herald (Stockton), 24 Oct  
1868, Supp.

House partly destroyed. Oakland Transcript, 22 Oct 1868, p. 3.

ALVARADO I=9

Several buildings destroyed. Daily Alta California (San Francisco),  
22 Oct 1868, p. 1.

AMADOR VALLEY I=L (VII RF)

Light. Holden (1898), p. 77.

BROOKLYN I=8

Most of the chimneys twisted off; almost all brick walls badly  
cracked, some down. Oakland Transcript, 22 Oct 1868, p. 3.

CALAVERAS VALLEY I=7

One or two chimneys dislocated. Lawson (1908), p. 445.

CENTERVILLE I=9

A store entirely destroyed; other buildings partly destroyed.  
Daily Alta California (San Francisco), 22 Oct 1868, p. 2.

MR. DAVIS' NEAR SAN LEANDRO I=6+

House destroyed. Daily Evening Bulletin (San Francisco), 23 Oct 1868, p. 3.

DECOTO I=6+

Ground cracked (possible fault rupture). Lawson (1908), p. 443.

COLONEL JOHN C. HAYS RESIDENCE (IN THE HILLS ABOUT 6 MI. NORTH OF OAKLAND) I=6+

House badly damaged. Oakland Transcript, 24 Oct 1868, p. 3.

HAYWARD I=9

Some buildings thrown down. Daily Alta California (San Francisco), 23 Oct 1868, p. 1.

HILLS BACK OF MOUNT EDAN AND HAYWARD I=9

Trees thrown down; some farm houses destroyed. Daily Alta California (San Francisco), 22 Oct 1868, p. 1.

IRVINGTON I=8

People knocked from their feet; all chimneys thrown down. Lawson (1908), p. 444.

MILPITAS I=6+

Ground cracked (possible fault rupture). Lawson (1908), p. 444

MISSION SAN JOSE I-9?

Mission building knocked down. Daily Evening Herald (Stockton),

24 Oct 1868, Supp.

MOUNT EDAN I=7

Shelving in store thrown down; heavy piano moved three feet.  
Daily Alta California (San Francisco), 22 Oct 1868, p. 1.

NILES I=6

Water slopped from a tank. Lawson (1908), p. 443.

OAKLAND I=8

Part of a wharf caved in; walls badly cracked; many chimneys down;  
two partly built walls thrown down. Oakland Transcript, 22 Oct  
1868, p. 3.

ROBERTS' LANDING I=8

House broke into three pieces; horses fell to the ground; people  
clung to trees. Lawson (1908), p. 443.

SAN ANTONIO (=BROOKLYN?) I=9

"Cotton factory and flour mill destroyed." Daily Evening Herald  
(Stockton), 22 Oct 1868, Supp.

SAN LEANDRO I=9+

Courthouse collapsed in part; only one chimney standing in  
town. Daily Alta California (San Francisco), 23 Oct 1868, p. 1.

HILLS SOUTHEAST OF SAN LEANDRO I=9+

Many houses razed; trees knocked down. The Daily Bee (Sacramento),  
22 Oct 1868, p. 1

SAN LORENZO I=9

House destroyed. The Daily Morning Chronicle (San Francisco),  
24 Oct 1868, p. 1.

Two wooden houses destroyed. Oakland Transcript, 22 Oct 1868, p. 3.

SPRULE'S LANDING (WARM SPRINGS) I=6+

Warehouse slid into the bay. The Daily Bee (Sacramento), 23 Oct 1868, p. 2.

TYSON LAGOON, SOUTH OF NILES I=6+

Tank knocked down; lagoon drained. Lawson (1908), p. 443.

#### ALPINE COUNTY

SILVER MOUNTAIN I=F

No heavy shock. Alpine Chronicle (Silver Mountain), 24 Oct 1868, p. 3.

#### AMADOR COUNTY

JACKSON I=4

Very perceptible. Amador Dispatch (Jackson), 24 Oct 1868, p. 3.

Felt by some in bed. Amador Weekly Ledger (Jackson), 24 Oct 1868, p. 2.

PINE GROVE I=2

Felt by few. Amador Weekly Ledger (Jackson), 24 Oct 1868, p. 3.

VOLCANO I=2

Felt by few. Amador Weekly Ledger (Jackson), 24 Oct 1868, p. 3.

#### BUTTE COUNTY

CHICO I=4?

Tinware rattled. California Caucasian (Chico), 24 Oct 1868, p. 3.

OROVILLE I=3

Felt by several. The Weekly Rutte Record (Oroville), 24 Oct 1868, p. 3.

COLUSA COUNTY

COLUSA I=2

Felt by a few. The Weekly Colusa Sun, 24 Oct 1868, p. 3.

CONTRA COSTA COUNTY

ALAMO I=8

Two walls thrown down. The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

ANTIUCH I=7

Part of a chimney knocked down; milk spilled from half filled pans. Daily Evening Bulletin (San Francisco), 22 Oct 1868, p. 3.

CLAYTON I=7

"...the chimneys were thrown..." The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

DANVILLE I=8

Wall partly thrown down. The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

MARSH HOUSE I=8

All chimneys thrown down; stone tower partially collapsed. The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

MARTINEZ I=8

"...concrete building and brick structures were largely affected." California Express (Martinez), 24 Oct 1868, p. 3.

Many chimneys thrown down; many walls cracked, some thrown down.

The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

NORTONVILLE I=7

"...the chimneys were thrown..." The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

PACHECO I=8

Most chimneys down; brick and concrete walls shattered. The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

SAN RAMON I=S

Particularly severe. The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

SOMERSVILLE I=7

"...the chimneys were thrown..." The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

WALNUT CREEK I=S

Particularly severe. The Contra Costa Gazette (Pacheco), 24 Oct 1868, p. 2.

#### EL DORADO COUNTY

LATROBE I=N

Not felt. The Daily Bee (Sacramento), 22 Oct 1868, p. 3.

PLACERVILLE I=F

Felt. The Mountain Democrat (Placerville), 24 Oct 1868, p. 3.

SHINGLE SPRINGS I=N

Not felt. The Daily Bee (Sacramento), 22 Oct 1868, p. 3.

GLENN COUNTY

JACINTO I=N

Not felt. The Daily Bee (Sacramento), 22 Oct 1868, p. 3.

LAKE COUNTY

LAKEPORT I=F

Felt. Clear Lake Courier (Lakeport), 24 Oct 1868, p. 2.

LOWER LAKE I=F

Felt. Clear Lake Courier (Lakeport), 24 Oct 1868, p. 2.

LOS ANGELES COUNTY

LOS ANGELES I=N

Not felt. Daily Morning Call (San Francisco), 23 Oct 1868,  
p. 1.

MARIN COUNTY

BOLINAS I=8

Stoves overturned; nearly all the chimneys thrown down or cracked;  
persons clung to fences for support. Stockton Daily Gazette,  
28 Oct 1868, p. 2.

PACHECO RIDGE I=6-7

Person kept their feet only with difficulty. Stockton Daily  
Gazette, 28 Oct 1868, p. 2.

SHIP PACTOLUS, 15 MILES WEST OF THE HEADS I=F

Felt. Daily Evening Bulletin (San Francisco), 23 Oct 1868, p. 3.

SAN QUENTIN I=F

No damage. Los Angeles Star, 7 Nov 1868, p. 2.

SAN RAFAEL I=6

Wall cracked; bricks thrown from top of chimney. Stockton Daily Gazette, 28 Oct 1868, p. 2.

COASTAL SIDE OF THE TAMALPAIS RIDGE I=6+

Several trees uprooted. Stockton Daily Gazette, 28 Oct 1868, p. 2.

MARIPOSA COUNTY

MARIPOSA I=4

Rattled crockery. Mariposa Weekly Gazette, 30 Oct 1868, p. 2.

MENDOCINO COUNTY

UKIAH I=F?

Felt (no date given). Union Democrat (Sonora), 24 Oct 1868, p. 2.

Not felt. Lawson (1908), p. 447.

MERCED COUNTY

SNELLING I=F

Hard. Lawson (1908), p. 447.

MONTEREY COUNTY

MONTEREY I=H

Very heavy. Monterey Democrat, 24 Oct 1868, p. 2.

Smart little earthquake. Monterey Gazette, 22 Oct 1868, p. 2.

NAPA COUNTY

CARNEROS CREEK (5MI WEST OF NAPA) I=6+

"...a number of trees were thrown down..." Napa County Reporter,  
24 Oct 1868, p. 5.

NAPA I=7

"...a few broken chimneys; broken plastering and cracked walls."  
Napa County Reporter, 24 Oct 1868, p. 5.

Nearly all clocks stopped; rang all the door bells, six chimneys  
thrown down; many brick buildings cracked; large amounts of  
plaster knocked off. The Napa Register, 24 Oct 1868, p. 2.

OAKVILLE I=6+

Tree thrown to ground. Napa County Reporter, 24 Oct 1868, p. 5.

#### NEVADA COUNTY

CHALK BLUFF I=5

Some people rushed from their houses. Nevada Daily Transcript,  
23 Oct 1868, p. 3.

GRASS VALLEY I=5

Occupants of second floors ran out. Daily Alta California (San  
Francisco), 22 Oct 1868, p. 2.

NEVADA CITY I=5

Scarcely felt on the street; very sensibly felt in buildings.  
Nevada Daily Gazette, 22 Oct 1868, p. 1.

Felt by many; displaced a few dishes. Nevada Daily Transcript,  
22 Oct 1868, p. 3.

RED DOG I=N

Not felt. Nevada Daily Transcript, 23 Oct 1892, p. 3.

YOU BET I=3

Felt by a number of persons. Nevada Daily Transcript, 23 Oct

1868, p. 3.

PLACER COUNTY

AUBURN I=3

Felt by some. The Placer Herald (Auburn), 24 Oct 1868, p. 3.

LINCOLN I=4

"...the crockery and hardware danced considerably in the stores, hotels, etc." The Placer Herald (Auburn), 24 Oct 1868, p. 3.

PLUMAS COUNTY

MOHAWK VALLEY I=5

Severe. Quincy Union, 24 Oct 1868, p. 3.

SACRAMENTO COUNTY

FOLSOM I=5

Stopped a clock; some ran from a tunnel. Folsom Weekly Telegraph, 24 Oct 1868, p. 3.

Not felt. The Daily Bee (Sacramento), 22 Oct 1868, p. 3.

MICHIGAN BAR I=F

Sensibly felt. Folsom Weekly Telegraph, 24 Oct 1868, p. 3.

NOTOMA VINEYARD I=5

Wash basin broken. Folsom Weekly Telegraph, 24 Oct 1868, p. 3.

SACRAMENTO I=5

Heavy. The Daily Bee (Sacramento), 21 Oct 1868, p. 2.

Excited alarm in people; stopped many clocks. Sacramento Daily Union, 22 Oct 1868, p. 3.

SAN BENITO COUNTY

SAN JUAN I=H

Heaviest since Oct 1865. Daily Alta California (San Francisco),  
22 Oct 1868, p. 2.

SAN FRANCISCO COUNTY

ALCATRAZ ISLAND I=F

Felt; no damage. The Daily Examiner (San Francisco), 23 Oct  
1868, p. 3.

SHIP CESAREWITZ, NEARLY TO THE FARALLONES I=F

Felt. Lawson (1908), p. 439.

FERRY CONTRA COSTA I=H

Felt strongly. Holden (1898), p. 76.

BRIG OPIENT, 8 MI. OUT TO SEA FROM SAN FRANCISCO I=H

Experienced heavily. Lawson (1908), p. 439.

SAN FRANCISCO I=8

Off of made land - some plaster knocked off; some walls cracked.  
On made land - numerous walls cracked; some partly or wholly  
knocked down. Daily Alta California (San Francisco), 22 Oct  
1868, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=7

All ran out; clocks stopped; crockery thrown from shelves.  
Stockton Daily Gazette, 21 Oct 1868, p. 3.

Some plaster fell; water spilled from buckets; bells rang; some  
windows broken; some chimneys thrown down. Daily Evening Herald,  
21 Oct 1868, p. 3.

WOODBIDGE I=6

Occupants of all the houses ran out. Sacramento Daily Union,  
23 Oct 1868, p. 2.

SAN LUIS OBISPO COUNTY

SAN LUIS OBISPO I=N

Not felt. Lawson (1908), p. 447.

SAN MATEO COUNTY

BELMONT I=6 (VIIRF)

No chimneys overthrown. Holden (1898), p. 78.

COLMA I=7

People thrown to the ground; some window panes broken; some  
crockery and glassware thrown down and broken. Lawson (1908),  
p. 445.

BETWEEN HALF MOON BAY AND PESCADERO I=7

Chimneys down. Lawson (1908), p. 446.

REDWOOD CITY I=7

Fire wall thrown down; large number of chimneys thrown down;  
courthouse badly cracked. San Mateo County Gazette, 24 Oct 1868,  
p. 2.

SAN MATEO I=6

A good many walls cracked. Los Angeles Star, 7 Nov 1868, p. 2.

IN THE REDWOODS NEAR PESCADERO I=8

Large limbs knocked from the trees. The Daily Bee (Sacramento),  
23 Oct 1868, p. 2.

SANTA CLARA COUNTY

GILROY I=7

Some bottles broken; some ran out. The Gilroy Advocate, 24 Oct 1868, p. 3.

Chimneys tumbled down; everybody ran into the streets. Daily Alta California (San Francisco), 22 Oct 1868, p. 2.

MOUNTAIN VIEW I=8

"...tossed wares around considerable." Two warehouses damaged to a considerable extent, one has to be propped up, the other was knocked from its underpinings and one end broke out. Daily Alta California (San Francisco), 23 Oct 1868, p. 1.

JAMES MURPHY'S RANCH, 3 1/2 MI NORTH OF SAN JOSE I=6+

"...the earth opened and from the aperture a large volume of water shot up to the height of 50 feet, and continued to flow for some time,..." San Jose Patriot, 23 Oct 1868, p. 3.

SAN JOSE I=8

Fire walls and chimneys thrown down in all parts of town; turrets of a church knocked down; water tower fell. San Jose Mercury, 22 Oct 1868, p. 3.

SANTA CLARA I=7

Bricks displaced; chimneys thrown down; some walls cracked. The Santa Clara News, 24 Oct 1868, p. 3.

Many chimneys shaken down. The Daily Bee (Sacramento), 23 Oct 1868, p. 2.

MR. MOSES SHELLENBERGER'S, 3 MI NORTH OF SAN JOSE I=6+

"...the earth opened to the width of three feet in places and on closing again one part was observed to be sunk lower than the other part." San Jose Patriot, 23 Oct 1868, p. 3.

SANTA CRUZ COUNTY

EAGLE GLEN I=6+

Landslide occurred. Lawson (1908), p. 446.

SCHOONER FANNY GILMORE, 1½ HOUR OUT OF SANTA CRUZ I=F

Felt on ship board. Daily Alta California (San Francisco),  
26 Oct 1868, p. 1.

SANTA CRUZ I=7

Some chimneys thrown down; some walls cracked. Santa Cruz  
Sentinel, 24 Oct 1868, p. 3.

SOQUEL I=7

A few chimneys dislocated. Santa Cruz Sentinel, 24 Oct 1868,  
p. 3.

WATSONVILLE I=6?

"...chimneys and plastering suffered but little..." Santa Cruz  
Sentinel, 24 Oct 1868, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=L

Slight. Lawson (1908), p. 446.

SISKIYOU COUNTY

YREKA I=N

Not felt. Lawson (1908), p. 447.

SOLANO COUNTY

BENICIA I=8

Heavy shaft moved one foot; flagpole broken off. The Daily

Morning Chronicle (San Francisco), 24 Oct 1868, p. 1.

MARE ISLAND I=7

"...the houses...sustained some damage..." The Solano Press (Suisun), 28 Oct 1868, p. 2.

Chimneys thrown down, Daily Alta California (San Francisco), 22 Oct 1868, p. 1.

SOLANO I=6?

Walls cracked. Lawson (1908), p. 440.

SUISUN I=6

People found it difficult to stand; a few articles thrown from shelves; wall of a building slightly cracked. The Weekly Solano Herald (Suisun), 24 Oct 1868, p. 2.

VALLEJO I=7

One chimney thrown down; considerable crockery broken. The Solano Press (Suisun), 28 Oct 1868, p. 2.

## SONOMA COUNTY

BODEGA CORNERS I=5+

Severe, but little damage done. The Sonoma Democrat (Santa Rosa), 24 Oct 1868, p. 4.

GUERNEVILLE I=S

Great severity; frightened a horse. Lawson (1908), p. 439.

HEALDSBURG I=5-6

People ran into the streets. Democratic Standard (Healdsburg), 24 Oct 1868, p. 4.

Stopped clocks; "No damage of any note". Daily Alta California (San Francisco), 22 Oct 1868, p. 2.

PETALUMA I=8

Many chimneys thrown down; wall knocked out. Petaluma Journal and Argus, 22 Oct 1868, p. 3.

SANTA ROSA I=7

Walls cracked. The Sonoma Democrat (Santa Rosa), 24 Oct 1868, p. 4.

Many chimneys thrown down. Daily Alta California (San Francisco), 22 Oct 1868, p. 2.

#### SONOMA COUNTY

SEBASTOPOL I=5+

"...severe, but little damage was done." The Sonoma Democrat (Santa Rosa), 24 Oct 1868, p. 4.

SONOMA I=5

People aroused. Sacramento Daily Union, 21 Oct 1868, p. 1.

WINDSOR I=F

Lighter than Santa Rosa. The Sonoma Democrat (Santa Rosa), 24 Oct 1868, p. 4.

#### TULARE COUNTY

VISALIA I=2

Felt by a few. Visalia Weekly Delta, 28 Oct 1868, p. 2.

Barely noticeable. Tulare Times (Visalia), 24 Oct 1868, p. 2.

#### TUOLUMNE COUNTY

SONORA I=4-5

Felt by many. Union Democrat (Sonora), 24 Oct 1868, p. 2.

TUOLUMNE CITY I=5?

Building slightly cracked. Stockton Daily Gazette, 24 Oct 1868, p. 2.

YOLO COUNTY

KNIGHT'S LANDING I=7

Gable knocked out of building; chimneys and crockery broken. Lawson (1908), p. 440.

WOODLAND I=6

Plaster broke; most people ran out. State Capitol Reporter (Sacramento), 27 Oct 1868, p. 1.

YUBA COUNTY

MARYSVILLE I=5

Stopped a few clocks. Marysville Daily Appeal, 29 Oct 1868, p. 3.

STATE OF NEVADA

CARSON CITY I=4-5

Felt by many. Carson Daily Appeal, 22 Oct 1868, p. 2.

GOLD HILL I=F

Felt. Gold Hill Daily News, 21 Oct 1868, p. 2

RENO I=N

Not felt. Lawson (1908), p. 447.

VIRGINIA CITY I=4-5

Felt by many. Gold Hill Daily News, 21 Oct 1868, p. 2.

Felt by those awake; awoke a few. Daily Territorial Enterprise

(Virginia City), 22 Oct 1868, p. 3.

COUNTY UNKNOWN

GROPE VALLEY I=L

Slight. The Sonoma Democrat (Santa Rosa), 24 Oct 1868, p. 4.

WALNUT SPRINGS I=8

"...the chimneys are level with the roofs of buildings..."  
Daily Alta California (San Francisco), 22 Oct 1868, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1869 Oct 8  
TIME: 09:30 GMT  
LOCATION: 39.100N 123.100W UKIAH, MENDOCINO COUNTY

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LAKE COUNTY

CLEAR LAKE COUNTRY I=7

Demolished many brick chimneys. Mendocino Democrat (Ukiah),  
15 Oct 1869, p. 3.

LAKEPORT I=5-6

Broke some crockery ware. Clear Lake Courier (Lakeport),  
9 Oct 1869, p. 2.

MENDOCINO COUNTY

ANDERSON VALLEY I=S

Quite severely felt. The Russian River Flag (Healdsburg), 14 Oct  
1869, p. 3.

POTTER VALLEY I=S

Quite severely felt. The Russian River Flag (Healdsburg),  
14 Oct 1869, p. 3.

UKIAH I=7

Shook down a pile of flour; cracked some walls; jarred plaster  
loose in a building; shook down several chimneys. Mendocino  
Democrat, 15 Oct 1869, p. 3.

SONOMA COUNTY

CLOVERDALE I=L

Slight. The Sonoma Democrat (Santa Rosa), 16 Oct 1869, p. 5.

HEALDSBURG I=4

Awoke several. The Russian River Flag (Healdsburg), 14 Oct 1869, p. 3.

Scarcely felt. Mendocino Democrat (Ukiah), 15 Oct 1869, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1869 Dec 21  
TIME: 04:00 GMT  
LOCATION: 39.600N 120.500W SIERRA COUNTY

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LASSEN COUNTY

LOWER PART OF HONEY LAKE VALLEY I=4

"Quite a commotion among crockery and such." Lassen Sage Brush  
(Susanville), 29 Dec 1869, p. 2.

JANESVILLE I=F

Felt. Lassen Sage Brush, 29 Dec 1869, p. 2.

SUSANVILLE I=N

Not felt. Lassen Sage Brush, 29 Dec 1869, p. 2.

NEVADA COUNTY

GRASS VALLEY I=2

Noticed by few. Grass Valley Daily Union, 22 Dec 1869, p. 3.

LITTLE YORK TOWNSHIP I=F

Very perceptible. Nevada Daily Transcript, 24 Dec 1869, p. 3.

NEVADA CITY I=4

Felt by people in every part of town; like a heavy body thrown  
upon the floor. Nevada Daily Transcript, 22 Dec 1869, p. 3.

OMEGA I=F

Perceptibly felt. Nevada Daily Transcript, 22 Dec 1869, p. 3.

OPHIR HILL I=4

Crockery and glass panes rattled. Grass Valley Daily Union,  
22 Dec 1869, p. 3.

PLUMAS COUNTY

EUREKA SOUTH I=5-6

People ran outside. Nevada Daily Gazette, 22 Dec 1869, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=F

Very perceptibly felt. San Francisco Chronicle, 21 Dec 1869,  
p. 1.

SIERRA COUNTY

DOWNIEVILLE I=4-5

Hardest ever felt. The Mountain Messenger (Downieville),  
25 Dec 1869, p. 3.

Powerful; no damage except to nerves. Marysville Daily Appeal,  
21 Dec 1869, p. 3.

SIERRA VALLEY I=4

Attracted general attention; some alarm. The Mountain Messenger  
(Downieville), 8 Jan 1870, p. 2.

WEBBER LAKE I=5-6

Opened stove doors; shook things up generally. The Mountain  
Messenger, 8 Jan 1870, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1869 Dec 27  
TIME: 01:55 GMT  
LOCATION: 39.400N 119.600W VIRGINIA CITY AREA, NEVADA

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ALPINE COUNTY

SILVER MOUNTAIN I=S

Severe. The Alpine Chronicle (Silver Mountain), 1 Jan 1870, p. 3.

AMADOR COUNTY

FOSTER'S RANCH I=F

Felt. The Amador Dispatch (Jackson), 1 Jan 1870, p. 2.

JACKSON I=F

Felt very distinctly. The Amador Dispatch (Jackson), 1 Jan 1870, p. 2.

BUTTE COUNTY

CHICO I=4

Many were startled; doors shook and windows rattled; not felt by at least some outside. Northern Enterprise (Chico), 1 Jan 1870, p. 3.

OROVILLE I=4?

Rattled doors and windows; attracted universal attention. The Weekly Butte Record (Orville), 1 Jan 1870, p. 3.

"Several buildings on Montgomery Street are a complete wreck."  
(This report is from the section containing telegrams from other parts of the state, and is not corroborated by any other article.)

The Weekly Butte Record (Oroville), 1 Jan 1870, p. 3.

CALAVERAS COUNTY

HOUSE OF W.V. CLARK, 1 MI SOUTH OF RAILROAD FLAT I=8?

"House...was lifted bodily from its foundation, several times..."  
(See discussion.) Weekly Calaveras Chronicle (Mokelumne Hill),  
1 Jan 1870, p. 3.

HALL'S RANCH NEAR MOSQUITO GULCH (GLENCOE) I=F

Very perceptible. Weekly Calaveras Chronicle (Mokelumne Hill),  
1 Jan 1870, p. 3.

MOKELUMNE HILL I=6

Plaster shaken down; many not aware of the shock. Weekly Calaveras Chronicle (Mokelumne Hill), 1 Jan 1870, p. 3.

SPRING GULCH I=7

Stone chimney thrown down. Weekly Calaveras Chronicle (Mokelumne Hill), 1 Jan 1870, p. 3.

WEST POINT I=F

Distinctly felt. Weekly Calaveras Chronicle (Mokelumne Hill),  
1 Jan 1870, p. 3.

COLUSA COUNTY

COLUSA I=N

Not felt. The Weekly Colusa Sun, 1 Jan 1870, p. 2.

Felt. Nevada Daily Gazette, 27 Dec 1869, p. 3.

LASSEN COUNTY

SUSANVILLE I=F

Felt. Lassen Sage Brush (Susanville), 29 Dec 1869, p. 2.

NEVADA COUNTY

GRASS VALLEY I=5-6

People ran out. Grass Valley Daily Union, 28 Dec 1869, p. 3.

LIBERTY HILL I=4

Severe; shook the furniture and dishes. Nevada Daily Gazette,

NEVADA CITY I=5

Some people ran out. Nevada Daily Gazette, 27 Dec 1869, p. 3.

TRUCKEE I=H

Quite a heavy shock. The Semi-Weekly Tribune (Truckee), 1 Jan 1870, p. 1.

WASHINGTON I=H

Quite heavy. Nevada Daily Gazette, 28 Dec 1869, p. 3.

PLACER COUNTY

AUBURN I=L?

Very slight (no time given). The Placer Herald, 1 Jan 1870, p. 3.

COLFAX I=L?

Felt but slightly (no time given). Nevada Daily Gazette, 28 Dec 1869, p. 3.

IOWA HILL I=H

Of the heaviest ever known. Sacramento Daily Union, 27 Dec 1869, p. 2.

YANKEE JIM'S I=F

Felt. Sacramento Daily Union, 28 Dec 1869, p. 2.

PLUMAS COUNTY

ROUND VALLEY I=S

Severe. Plumas National (Quincy), 8 Jan 1870, p. 2.

QUINCY I=S

Severe. Plumas National (Quincy), 8 Jan 1870, p. 2.

SACRAMENTO COUNTY

FOLSOM I=N?

Not felt (no date given). Sacramento Daily Union, 3 Jan 1870, p. 2.

SACRAMENTO I=5

Some people ran out. The Daily Bee (Sacramento), 27 Dec 1869, p. 3.

People ran out; not felt by many on the streets; door bells rang. Sacramento Daily Union, 27 Dec 1869, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=N

Not felt. The Weekly Colusa Sun, 1 Jan 1870, p. 3.

SAN JOAQUIN COUNTY

STOCKTON I=4?

Stoves moved; glass rattled; pendant gas burners oscillated. Daily San Joaquin Republican (Stockton), 27 Dec 1869, p. 3.

Many did not feel the quake. Daily San Joaquin Republican (Stockton), 27 Dec 1869, p. 3.

Severe. Daily Evening Herald (Stockton), 27 Dec 1869, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=L

Very light. The Mountain Messenger (Downieville), 1 Jan 1870, p. 3.

YOLO COUNTY

WOODLAND I=N

Not felt. The Yolo Democrat (Woodland), 1 Jan 1870, p. 2.

YUBA COUNTY

CAMPTONVILLE I=5-6

"No damage was done except to lamps and crockery." Marysville Daily Appeal, 28 Dec 1869, p. 3.

MARYSVILLE I=5

Stopped some clocks; a number ran out. Marysville Daily Appeal, 28 Dec 1869, p. 3.

STATE OF NEVADA

AURORA I=4-5

Set movable things in motion; alarmed some people. Sacramento Daily Union, 3 Jan 1870, p. 2.

AUSTIN I=N

Not felt. The Elko Independent, 29 Dec 1869, p. 2.

CARSON CITY I=5+

Brick walls damaged to some extent. Carson Daily Appeal, 28 Dec 1869, p. 3.

DAYTON I=5-6

Shook crockery and bottles from shelves. Daily Territorial Enterprise (Virginia City), 28 Dec 1869, p. 3.

ELKO I=N

Not felt. The Elko Independent, 29 Dec 1869, p. 2.

EMPIRE I=5

Lamp knocked over. Carson Daily Appeal, 28 Dec 1869, p. 3.

GENOA I=F

Felt. Carson Daily Appeal, 28 Dec 1869, p. 3.

GLEN DALE I=H

Far Heavier than at Reno. Reno Crescent, 1 Jan 1870, p. 3.

GOLD HILL I=6

Several brick buildings more or less cracked. Gold Hill Daily News, 27 Dec 1869, p. 3.

HALL'S HOUSE, 1 1/2 MI NORTH OF VIRGINIA CITY I=6+

Water flow increased. Daily Territorial Enterprise (Virginia City), 30 Dec 1869, p. 3.

HOT SPRINGS (208 MI EAST OF SACRAMENTO) I=F

Felt. The Yolo Democrat (Woodland), 1 Jan 1870, p. 2.

HUFFMAKER STATION, ON THE ROAD BETWEEN RENO AND VIRGINIA CITY I=S

Very violent. Sacramento Daily Union, 28 Dec 1869, p. 1.

MARIPOSA MILL I=F

Felt. The Daily Examiner (San Francisco), 28 Dec 1869, p. 2.

RENO I=5

Stopped clocks. Reno Crescent, 1 Jan 1870, p. 3.

BETWEEN RENO AND WADSWORTH I=6+

Large rocks rolled onto railroad tracks. Carson Daily Appeal, 28 Dec 1869, p. 3.

IN SIX MILE CANYON NEAR THE EMPIRE STATE MILL I=6+

Large (10 ton) boulder rolled down off the mountain. Daily Territorial Enterprise (Virginia City), 28 Dec 1869, p. 3.

STEAMBOAT SPRINGS I=7-8

Water thrown up 15 to 20 feet; house was a perfect wreck though not thrown down. Daily Territorial Enterprise (Virginia City), 28 Dec 1869, p. 3.

Springs increased the amount of steam being put out. Report of water being thrown up 15 or 20 feet was false. (This is actually a report on the springs two days after the quake.) Gold Hill Daily News, 30 Dec 1869, p. 3.

UNIONVILLE I=5

Lamps swayed; displaced crockery. The Humboldt Register (Winnemucca), 1 Jan 1870, p. 3.

VERDI I=S

Severe. Sacramento Daily Union, 27 Dec 1869, p. 2.

VIRGINIA CITY I=7

Part of a fire-wall fell; bricks knocked from a few walls. Daily Territorial Enterprise (Virginia City), 28 Dec 1869, p. 3.

WHITE PINE I=N

Not felt. The Elko Independent, 29 Dec 1869, p. 2.

WASHOE CITY I=7

Broke bottles, cracked plaster, sealed doors; cracked a stone wall; a front wall was sprung from the side walls. The Reno Crescent, 1 Jan 1870, p. 3.

WINNEMUCCA I=L

Scarcely perceptible. The Humboldt Register (Winnemucca), 1 Jan 1870, p. 3.

WRIGHT'S I=7?

Everything in the bar demolished; people thrown to the ground. Daily Territorial Enterprise (Virginia City), 28 Dec 1869, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1869 Dec 27  
TIME: 10:00 GMT  
LOCATION: 39.100N 119.700W VIRGINIA CITY AREA, NEVADA

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ALPINE COUNTY

SILVER MOUNTAIN I=F

Felt. The Alpine Chronicle (Silver Mountain), 1 Jan 1870, p. 3.

CALAVERAS COUNTY

HALL'S RANCH, NEAR MOSQUITO GULCH (GLENCOE) I=5

Awoke people at the ranch. Weekly Calaveras Chronicle (Mokelumne Hill), 1 Jan 1870, p. 3.

WEST POINT I=F

Distinctly felt; heavier than the one at 1:55 GMT. Weekly Calaveras Chronicle (Mokelumne Hill), 1 Jan 1870, p. 3.

NEVADA COUNTY

GRASS VALLEY I=5

Awoke all light sleepers. Grass Valley Daily Union, 28 Dec 1869, p. 3.

LIBERTY HILL I=5-6

Upset the kettles on a stove at a ranch; aroused everybody. Nevada Daily Gazette, 31 Dec 1869, p. 3.

NEVADA CITY I=5

Awoke about half the people. Nevada Daily Gazette, 28 Dec 1869, p. 3.

TRUCKEE I=H

Heavy. The Semi-Weekly Tribune (Truckee), 1 Jan 1870, p. 1.

WASHINGTON I=4

Felt by a number (2:00 AM); heavier than the one at 1:55 GMT. Nevada Daily Gazette, 28 Dec 1869, p. 3.

#### PLACER COUNTY

AUBURN I=L?

Very slight (no time given). The Placer Herald, 1 Jan 1870, p. 3.

#### SACRAMENTO COUNTY

FOLSOM I=N?

Not felt (no date given). Sacramento Daily Union, 3 Jan 1870, p. 2.

SACRAMENTO I=6

Knocked down some plastering; stopped a few clocks. The Daily Bee (Sacramento), 27 Dec 1869, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=N

Not felt. Daily San Joaquin Republican (Stockton), 28 Dec 1869, p. 3.

#### SAN JOAQUIN COUNTY

STOCKTON I=L

Hardly perceptible. Daily San Joaquin Republican (Stockton), 28 Dec 1869, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=L

Very light. The Mountain Messenger (Downieville), 1 Jan 1870, p. 3.

YUBA COUNTY

CAMPTONVILLE I=H

28 Dec 1869, p. 3.

MARYSVILLE I=F

"...there was a second shock, which is reported by those who felt both to have been the heaviest of the two." Marysville Daily Appeal, 28 Dec 1869, p. 3.

STATE OF NEVADA

CARSON CITY I=S

Nearly as severe as the one at 1:55 GMT. Carson Daily Appeal, 28 Dec 1869, p. 3.

GENOA I=7-8

Stone underpinning of a house partly shaken down. Sacramento Daily Union, 28 Dec 1869, p. 1.

GOLD HILL I=6

Many lamp chimneys thrown over. Gold Hill Daily News, 27 Dec 1869, p. 3.

HUFFAKER STATION I=5

Alarmed the inmates at the station; owner ran out. Sacramento Daily Union, 28 Dec 1869, p. 1.

MARIPOSA MILL I=F

Felt. The Daily Examiner (San Francisco), 28 Dec 1869, p. 2.

RENO I=F

Felt. Reno Crescent, 1 Jan 1870, p. 3.

ON THE STAGE ROAD TO RENO, 5 MI. FROM VIRGINIA CITY I=6+

Rock fall. Sacramento Daily Union, 28 Dec 1869, p. 1.

VIRGINIA CITY I=6

Very heavy; awoke those who had retired. Daily Territorial Enterprise (Virginia City), 28 Dec 1869, p. 3.

Threw a gold bar out of a pigeon hole. Gold Hill Daily News, 27 Dec 1869, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1870 Feb 17  
TIME: 20:12 GMT  
LOCATION: 37 200N 122.000W SANTA CRUZ MOUNTAINS

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ALAMEDA COUNTY

OAKLAND I=6?

Building cracked. Oakland Daily Transcript, 18 Feb 1870, p. 3.

CONTRA COSTA COUNTY

MARTINEZ I=H

Quite heavy. California Express (Martinez), 19 Feb 1870, p. 2.

PACHECO I=F

Decided. The Contra Costa Gazette (Pacheco), 19 Feb 1870, p. 3.

MARIN COUNTY

SAN RAFAEL I=F

Felt. Marin County Journal (San Rafael), 19 Feb 1870, p. 3.

MONTEREY COUNTY

MONTEREY I=S

Severe. Monterey Republican, 17 Feb 1870.

NAPA COUNTY

NAPA I=3

Slight; felt by some. The Napa Register, 19 Feb 1870, p. 3.

Pretty good-sized. The Napa County Reporter, 19 Feb 1870, p. 3.

#### SACRAMENTO COUNTY

SACRAMENTO I=L

Not felt. The Daily Bee (Sacramento), 17 Feb 1870, p. 2.

Slight. Sacramento Daily Union, 18 Feb 1870, p. 2.

#### SAN BENITO COUNTY

SAN JUAN SOUTH I=F

Felt. Daily Alta California (San Francisco), 19 Feb 1870, p. 1.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Cracked a few panes of glass. Daily Alta California (San Francisco), 18 Feb 1870, p. 1.

Old cracks widened; plastering cracked. San Francisco Chronicle, 18 Feb 1870, p. 3.

#### SAN MATEO COUNTY

REDWOOD CITY I=5-6

Crockery and furniture were rattled around quite briskly; people ran out. San Mateo County Gazette (Redwood City), 19 Feb 1870, p. 3.

#### SANTA CLARA COUNTY

GILROY I=F

Sharp. The Gilroy Advocate, 19 Feb 1870, p. 2.

LOS GATOS I=7

Threw down several chimneys; large rocks dislodged from bluffs. San Jose Weekly Mercury, 24 Feb 1870, p. 3.

SAN JOSE I=6

Heaviest since 1868. San Jose Weekly Mercury, 24 Feb 1870, p. 3.

Some brick buildings somewhat cracked. San Jose Daily Patriot, 17 Feb 1870, p. 3.

SANTA CLARA I=6

Severe; caused a general rush into the street. The Santa Clara News, 19 Feb 1870, p. 1.

#### SANTA CRUZ COUNTY

SANTA CRUZ I=7

"No serious damage...beyond slight cracks and chimney dislocations." Santa Cruz sentinel, 19 Feb 1870, p. 2.

WATSONVILLE I=5

Gentle undulation; a few left their business places. The Pajaronian (Watsonville), 24 Feb 1870, p. 3.

#### SOLANO COUNTY

SUISUN I=N

Not felt. The Weekly Solano Republican, 24 Feb 1870, p. 2.

VALLEJO I=2-3

Amiable. The Vallejo Evening Chronicle, 18 Feb 1870, p. 1.

Slight; "not generally felt". The Daily Examiner (San Francisco), 18 Feb 1870, p. 3.

#### SONOMA COUNTY

PETALUMA I=5

Felt. Petaluma Journal and Argus, 19 Feb 1870, p. 2.

Nervous people in brick and stone buildings ran outside. Daily Alta California (San Francisco), 18 Feb 1870, p. 1.

SANTA ROSA I=L

Slight. The Sonoma Democrat (Santa Rosa), 19 Feb 1870, p. 3.

TUOLUMNE COUNTY

TUOLUMNE CITY I=F

Lively. Stockton Daily Independent, 19 Feb 1870, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1870 Apr 2  
TIME: 19:48 GMT  
LOCATION: 37.800N 122.200W EAST SAN FRANCISCO BAY AREA

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ALAMEDA COUNTY

BERKELEY I=5-6

Objects overthrown. Holden (1898), p. 85.

OAKLAND I=6

Cracked ceilings. Oakland Daily Transcript, 4 Apr 1870, p. 3.

Stopped clocks; knocked crockery and glassware from shelves.  
The Oakland Daily News, 4 Apr 1870, p. 3.

Plaster tumbled from ceilings; windows and looking-glasses  
smashed; medicines tumbled from shelves in drug stores; crockery  
and glassware broken. Daily Alta California (San Francisco),  
3 Apr 1870, p. 1.

SAN LEANDRO I=6

"Many houses were suddenly vacated." Daily Alta California  
(San Francisco), 3 Apr 1870, p. 1.

CONTRA COSTA COUNTY

ANTIOCH I=F

Distinct. The Antioch Ledger, 9 Apr 1870, p. 3.

PACHECO I=5

Some people ran out. The Contra Costa Gazette (Pacheco), 9 Apr  
1870, p. 2.

MONTEREY COUNTY

MONTEREY I=N

Not felt. Monterey Gazette, 7 Apr 1870, p. 2.

NAPA COUNTY

NAPA I=5

Severe; some people seasick. The Napa Register, 9 Apr 1870, p. 2.

Heavy; editor ran out. Napa County Reporter, 9 Apr 1870, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

People ran out; a slight amount of plaster cracked; not felt by people walking in the streets. Daily Alta California (San Francisco), 3 Apr 1870, p. 1.

Rang some bells; stopped some clocks; cracked a little loose plaster off walls in some places; cracks opened in several walls; a few windows were broken or cracked. San Francisco Chronicle, 3 Apr 1870, p. 3.

Felt by many on the streets; a window broken; plastering in some houses started. Evening Bulletin, 2 Apr 1870, p. 5.

SAN JOAQUIN COUNTY

STOCKTON I=L

Very slight. Daily San Joaquin Republican (Stockton), 3 Apr 1870, p. 3.

Slight. The Stockton Daily Independent, 3 Apr 1870, p. 3.

SAN MATEO COUNTY

REDWOOD CITY I=5

Some did not feel the quake; a few ran out. Mayfield Enterprise,  
9 Apr 1870, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=5

Several clocks stopped. San Jose Weekly Mercury, 7 Apr 1870,  
p. 3.

Scarcely perceptible. San Jose Daily Patriot, 4 Apr 1870, p. 3.

SANTA CRUZ COUNTY

SANTA CRUZ I=L

Slight. Daily Alta California (San Francisco), 3 Apr 1870, p. 1.

Perceptible. Santa Cruz County Times, 9 Apr 1870, p. 2.

SONOMA COUNTY

PETALUMA I=6

Many sought the streets. Daily Alta California (San Francisco),  
3 Apr 1870, p. 1.

SANTA ROSA I=L

Slight. The Sonoma Democrat (Santa Rosa), 9 Apr 1870, p. 5.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1871 Mar 2  
TIME: 21:05 GMT  
LOCATION: 40.400N 124.200W HUMBOLDT COUNTY

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HUMBOLDT COUNTY

BUCKSPORT I=7

Windows in some houses shattered; chimneys suffered considerably.  
The Humboldt Times (Eureka), 4 Mar 1871, p. 3.

CAPARUM, 10 MI. SOUTH OF ORLEANS I=3

Felt by several. The Northern Record (Orleans), 11 Mar 1871, p. 2.

CAPE MENDOCINO L.H. I=7

Plastering cracked in every room; walls parted in some instances  
from half an inch to an inch. The West Coast Signal (Eureka),  
8 Mar 1871, p. 3.

CENTERVILLE I=6

It was difficult to stand or walk; goods thrown from shelves.  
The West Coast Signal (Eureka), 8 Mar 1871, p. 3.

EUREKA I=7

Knocked down plaster; demoralized a few chimneys. The Humboldt  
Times (Eureka), 4 Mar 1871, p. 3.

HYDESVILLE I=7

Chimneys down. The Humboldt Times (Eureka), 4 Mar 1871, p. 3.

ORLEANS I=3

Felt by several. The Northern Record (Orleans), 11 Mar 1871, p. 2.

MATTOLE I=8

Nearly every chimney fell; wagon moved 3 or 4 inches; cooking stove tossed 3 feet; many trees fell; limbs knocked from trees. The Northern Weekly Independent (Eureka), 16 Mar 1871, p. 1.

ROHNERVILLE I=7

A house lost its chimneys. The Humboldt Times (Eureka), 4 Mar 1871, p. 3.

#### TRINITY COUNTY

CANON CITY I=N

Not felt. Weekly Trinity Journal (Weaverville), 11 Mar 1871, p. 3.

ON CANON CREEK I=F

Felt. Weekly Trinity Journal (Weaverville), 11 Mar 1871, p. 3.

JUNCTION CITY I=F

Distinctly heard. Weekly Trinity Journal (Weaverville), 11 Mar 1871, p. 3.

WEAVERVILLE I=4

Tin-ware rattled; hanging objects swayed; felt by several on the streets; not felt in any of the dwelling houses. Weekly Trinity Journal (Weaverville), 4 Mar 1871, p. 3.

Felt by a few. The Trinity Press (Weaverville), 7 Mar 1871, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATA: 1871 Jul 5  
TIME: 21:06 GMT  
LOCATION: 36.500N 118.000W OWENS VALLEY

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INYO COUNTY

BISHOP CREEK I=F

"...not much shakes..." Inyo Independent (Independence), 8 July 1871, p. 3.

INDEPENDENCE I=5

Some people ran out; not felt by people on the street (time given as 2:08 pm). The Inyo Independent (Independence), 8 July 1871, p. 3.

LONE PINE I=6+

Equally severe to Independence. The Inyo Independent (Independence) 8 Mar 1871, p. 3.

Well went dry, others became muddy. Sacramento Daily Union, 3 Aug 1871, p. 2.

SWANSEA I=5-6

People ran out. The Inyo Independent (Independence), 8 July 1871, p. 3.

TULARE COUNTY

VISALIA I=4

Noticed by a number; fluids considerably agitated in a drug store. The Visalia Weekly Delta, 6 July 1871, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1872 Mar 26  
TIME: 10:30 GMT  
LOCATION: 36.700N 118.100W OWENS VALLEY FAULT RUPTURE

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ALAMEDA COUNTY

BROOKLYN I=S

Severe. Brooklyn Home Journal and Alameda County Advertiser,  
30 Mar 1872, p. 4.

OAKLAND I=F

Slight; pretty lively. Oakland Daily Transcript, 26 Mar 1872,  
p. 3.

"Tolerably severe." The Oakland Daily News, 27 Mar 1872, p. 4.

OAKLAND WHARF I=S

Quite severe. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

PLEASANTON I=L

Slight. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

SAN LEANDRO I=4-5

"...not sufficiently hard to waken all..." Alameda County  
Gazette, 28 Mar 1872, p. 3.

ALPINE COUNTY

MONITOR I=5

"Doors and furniture rattled; and everybody waked up ..."

The Alpine Miner (Monitor), 30 Mar 1872, p. 5.

SILVER MOUNTAIN I=4-5

Houses rocked and windows rattled. The Alpine Chronicle (Silver Mountain), 30 Mar 1872, p. 3.

WOODFORD'S I=H

Equally heavy as Silver Mountain. The Alpine Chronicle (Silver Mountain), 30 Mar 1872, p. 3.

#### AMADOR COUNTY

JACKSON I=5-6

Woke everyone; stopped clocks; broke dishes. Amador Weekly Ledger (Jackson), 30 Mar 1872, p. 3.

Frightened people; stopped clocks; rattled windows; cracked timbers in some mines. The Amador Dispatch (Jackson), 30 Mar 1872, p. 2.

SUTTER CREEK I=5

Woke nearly all, some ran out. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

#### BUTTE COUNTY

BANGOR I=F

Not very severe. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

CHICO I=6?

Aroused many; cracked walls. The Northern Enterprise (Chico), 30 Mar 1872, p. 3.

CLIPPER MILLS I=5

Severe, some ran out. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

FORBESTOWN I=6?

Woke people; walls cracked; glasses, bottles, tables, and chairs rattled. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

MOUNTAIN HOUSE I=5

Severe, one ran out. The Weekly Butte Record (Oroville) 30 Mar 1872, p. 3.

OROVILLE I=6?

Woke sleepers; stopped clocks; cracked walls. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

#### CALAVERAS COUNTY

COPPEROPOLIS I=5

Severe; some leaped from their beds in alarm. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

MOKELUMNE HILL I=6

Woke most; considerable alarm; door bells rang; slight damage to store fronts. Weekly Calaveras Chronicle (Mokelumne Hill), 30 Mar 1872, p. 3.

SAN ANDREAS I=5

Frightened many; some ran outside. Calaveras Citizen (San Andreas), 30 Mar 1872, p. 3.

VALLECITO I=5

House rocked "like a cradle"; Windows rattled, timbers shook. Daily Evening Bulletin (San Francisco), 1 Apr 1872, p. 1.

#### COLUSA COUNTY

COLUSA I=5

Like "...a thousand cattle were running over the floor..."; "several persons...took to the streets". The Weekly Colusa Sun, 30 Mar 1872, p. 3.

Cracked ceilings; stopped clocks. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

#### CONTRA COSTA COUNTY

ANTIOCH I=5

Clocks stopped; door swung; no material damage. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

MARTINEZ I=L

Slight. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

PACHECO I=4

Woke a few. The Contra Costa Gazette (Pacheco), 30 Mar 1872, p. 3.

#### EL DORADO COUNTY

EL DORADO I=7?

One building damaged seriously; others damaged slightly. Calaveras Citizen (San Andreas), 30 Mar 1872, p. 3.

PLACERVILLE I=6

Felt by a number (at 2:30 AM). The Mountain Democrat (Placerville), 30 Mar 1872, p. 3.

All pendulum clocks stopped; some plaster thrown down. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

RATTLESNAKE BAR I=L

Slight. Stars and Stripes (Auburn), 4 Apr 1872, p. 3.

SALMON FALLS I=S

Quite severe. The Folsom Weekly Telegraph, 30 Mar 1872, p. 3.

SHEPARD & WILTON MINE I=6+?

Slight caving in mine. El Dorado County Republican (Placerville), 4 Apr 1872, p. 3.

#### FRESNO COUNTY

BIG DRY CREEK I=5

Woke people; scared some; cattle and horses ran around bellowing. Daily Alta California (San Francisco), 29 Mar 1872, p. 1.

FRESNO I=5

Awakened the people. Fresno Weekly Expositor, 27 Mar 1872, p. 3.

KING'S RIVER (CENTERVILLE) I=9

Two adobe houses thrown down. Daily Alta California (San Francisco), 30 Mar 1872, p. 4.

KYSER (KAISER) GULCH I=8

Miners' cabins thrown down. Fresno Weekly Expositor, 10 Apr 1872, p. 3.

#### INYO COUNTY

BIG LAKE HOUSE I=8

Adobe house almost entirely destroyed. Sacramento Daily Union, 27 July 1872, p. 2.

BIG PINE I=9

Some buildings down. The Inyo Independent (Independence), 30 Mar 1872, p. 1.

BISHOP CREEK I=9

Some buildings down. The Inyo Independent, (30 Mar 1872, p. 1.

All the chimneys down; a few people hurt. Sacramento Daily Union,  
1 Apr 1872, p. 2.

CAMP INDEPENDENCE I=9

All the adobe buildings were "partially destroyed,...but few were thrown down". The Inyo Independent (Independence) 30 Mar 1872, p. 1.

CERRO GORDO I=9

A few dry stone walls fell. The Inyo Independent (Independence),  
30 Mar 1872, p. 1.

"Some stone cabins and the chimneys of the furnaces were thrown down." Daily Alta California (San Francisco), 6 Apr 1872, p. 1.

DEEP SPRINGS I=8

One stone house was thrown down. The Inyo Independent (Independence), 6 Apr 1872, p. 3.

ECLIPSE MILL I=9+

"Every building..., save the frame mill, is razed to the earth".  
The Inyo Independent (Independence), 30 Mar 1872, p. 1.

FISH SPRINGS I=9

Wood frame barn was thrown down,; adobe house collapsed while an adobe house one mile away "but very slightly affected". The Inyo Independent (Independence), 6 Apr 1872, p. 3.

HAIWEE I=8

Stone barn was thrown down. Sacramento Daily Union, 27 July 1872,  
p. 2.

INDIAN WELLS I=7

Adobe house badly cracked; adobes thrown from eables. Sacramento Daily Union, 27 July 1872, p. 2.

INDEPENDENCE I=9+

"Every adobe, brick or stone building in town was wholly or partially destroyed." Adobe lined frame buildings were wrenched and shifted on foundations. The Inyo Independent (Independence). The Inyo Independent (Independence), 30 Mar 1872, p. 1.

KEARSARGE MILL I=8?

The tramway was displaced in one place. The Inyo Independent (Independence), 6 Apr 1872, p. 3.

LITTLE LAKE I=8

Stable walls collapsed. Los Angeles Daily Star, 30 Mar 1872, p. 2.

9 MI. SOUTH OF LITTLE LAKE I=8?

Wagons were tossed about like feathers. Los Angeles Daily Star, 30 Mar 1872, p. 2.

LONE PINE I=9+

"Every stone and adobe building...was leveled ..." The Inyo Independent (Independence), 30 Mar 1872, p. 1.

All stone and adobe houses collapsed; two frame houses shaken down. Los Angeles Daily News, 6 Apr 1872, p. 3.

OLANCHA I=6

Adobe was badly cracked. Sacramento Daily Union, 27 July 1872, p. 2.

SWANSEA I=9+

Buildings were leveled; the smoke stack and the "galmadores" were shaken down. The Inyo Independent (Independence), 30 Mar 1872, p. 1.

KERN COUNTY

BAKERSFIELD I=5-6

No appreciable damage to buildings; glass and crockery were thrown down. Kern County Weekly Courier (Bakersfield), 30 Mar 1872, p. 3.

FORT TEJON I=5

Felt by most (2:30 AM). Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

HAVILAH I=6

Some buildings were badly cracked. Visalia Weekly Delta, 4 Apr 1872, p. 2.

LINNS VALLEY I=6+

Citizens ran outside; new sulphur springs appeared. Visalia Weekly Delta, 4 Apr 1872, p. 3.

MOUNTAIN VIEW I=6+

Some rushed outside; boulders rolled down the hills. Visalia Weekly Delta, 4 Apr 1872, p. 2.

SOUTH FORK I=8

One adobe building was partly demolished. Visalia Weekly Delta, 4 Apr 1872, p. 2.

LOS ANGELES COUNTY

LOS ANGELES I=5-6

Clocks stopped; people ran out; beds shifted. Los Angeles Daily Star, 27 Mar 1872, p. 2.

Plaster cracked. Los Angeles Daily News, 2 Apr 1872, p. 3.

SAN PEDRO I=F

Felt. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

WILMINGTON I=F

Felt. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

AT SEA BETWEEN SAN PEDRO AND SANTA CATALINA I=F

Water became agitated, boat sprang a leak. Los Angeles Daily News, 4 Apr 1872, p. 3.

#### MADERA COUNTY

CHOWCHILLA I=5-6

All were awakened; people rushed out; trees swayed. Fresno Weekly Expositor, 3 Apr 1872, p. 3.

#### MARIPOSA COUNTY

BEAR VALLEY I=S

Severe. Mariposa Weekly Gazette, 29 Mar 1872, p. 3.

HITES COVE I=S

Severe. Mariposa Weekly Gazette, 29 Mar 1872, p. 3.

HORNITOS I=5

"...the plastering of some buildings was cracked." The Mariposa Gazette, 29 Mar 1872, p. 3.

MARIPOSA I=6

Woke everyone; most ran outside. Mariposa Weekly Gazette, 29 Mar 1872, p. 3.

PRINCETON I=S

Severe. Mariposa Weekly Gazette, 29 Mar 1872, p. 3.

WASHINGTON MINE I=4-5

Heavy; miners were frightened. Mariposa Weekly Gazette, 29 Mar 1872, p. 3.

YOSEMITE VALLEY I=8

"Some smashing up of glass and bottled liquors"; rock falls triggered; "the largest trees waved to and fro". The Union Democrat (Sonora), 6 Apr 1872, p. 2.

A hotel moved two inches upon its foundation. The Daily Bee (Sacramento), 12 Apr 1872, p. 2.

#### MERCED COUNTY

BENNETT'S STATION I=8

"...a part of the end of the stone house was shaken down." Fresno Weekly Expositor, 3 Apr 1872, p. 3.

SNELLING I=7

Some plaster down; some walls were cracked; one or two chimneys were displaced. San Joaquin Valley Argus (Snelling), 30 Mar 1872, p. 2.

#### MONO COUNTY

BLIND SPRING I=9+

Brick buildings thrown down. Daily Evening Bulletin (San Francisco), 1 Apr 1872, p. 1.

BENTON I=7

The chimney of a mill was thrown down. Daily Alta California (San Francisco), 29 Mar 1872, p. 1.

MONO LAKE I=6+

"...one pretty good shake, but no severe shock"; the flow of steam from hot springs increased. Sacramento Daily Union, 25 Apr 1872, p. 2.

#### MONTEREY COUNTY

SALINAS I=5

"...inhabitants...suddenly aroused from their slumbers..."  
Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

#### NAPA COUNTY

NAPA I=5

Stopped clocks. The Napa Register, 30 Mar 1872, p. 3.

Felt by those awake; no damage. The Napa County Reporter, 30 Mar 1872, p. 2.

#### NEVADA COUNTY

GRASS VALLEY I=6

Many awakened; stone and brick buildings were slightly cracked  
clocks stopped; door bells rang. Grass Valley Republican, 27 Mar 1872, p. 3.

Church steeple swayed; chickens frightened from their roosts.  
Grass Valley Daily Union, 27 Mar 1872, p. 3.

GREENHORN I=5

Rattled windows; woke people. Grass Valley Daily Union, 2 Apr 1872, p. 2.

NEVADA CITY I=6

People rushed outside; doorbells rang; bottles were thrown from shelves; a few panes of glass broke; some were made sick. Nevada Daily transcript, 27 Mar 1872, p. 3.

A well dried up. Nevada Daily Transcript, 3 Apr 1872, p. 3.

TRUCKEE I=5

Very heavy. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

Stopped clocks. Sacramento Daily Record, 26 Mar 1872, p. 3.

#### ORANGE COUNTY

ANAHEIM I=5-6

Buildings shook violently; some woke up and ran outside. Southern Californian (Anaheim), 30 Mar 1872, p. 3.

SAN JUAN CAPISTRANO I=5

Severest in 15 years. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

#### PLACER COUNTY

ALTA I=5

Sensibly and generally felt (2:30 AM). Stars and Stripes (Auburn), 4 Apr 1872, p. 2.

AUBURN I=4-5

Woke some, windows and blinds clattered. The Placer Herald (Auburn), 30 Mar 1872, p. 3.

Slight; felt by but a few. Stars and Stripes (Auburn), 4 Apr 1872, p. 2.

BLUE CANYON I=5

Severe. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

Clocks stopped. Sacramento Daily Record, 26 Mar 1872, p. 3.

DUTCH FLAT I=5

Sensibly and generally felt (2:30 AM). Stars and Stripes (Auburn), 4 Apr 1872, p.2.

EMIGRANT GAP I=H

Very heavy. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

FOREST HILL I=S

Most violent ever experienced; no damage. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

GOLD RUN I=5

Sensibly and generally felt (2:30 AM). Stars and Stripes (Auburn), 4 Apr 1872, p. 2.

IOWA HILL I=H

Very heavy. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

LINCOLN I=6

"...violent enough to shake plastering from the walls." Sacramento Daily Union, 27 Mar 1872, p. 5.

ROCKLIN I=5

Extremely severe; clocks stopped. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

SUMMIT I=F

Heavy. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

Very light. Sacramento Daily Record, 26 Mar 1872, p. 3.

WHEATLAND I=H

Heavy. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

PLUMAS COUNTY

QUINCY I=F?

"Right smart" (The March 30th issue gives Monday (25th) as the date; the April 6th issue says Tuesday 26th). Plumas National (Quincy), 30 Mar 1872, p. 3.

#### SACRAMENTO COUNTY

FOLSOM I=5+

"...very few were awakened...The damage to the business portion of the town was not very great." The Folsom Weekly Telegraph, 30 Mar 1872, p. 3.

GALT I=S

Very severe. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

SACRAMENTO I=6

People rushed into the streets; "door bells and church bells were rung, crockery smashed, plastering shook off, and clocks stopped". Sacramento Daily Record, 27 Mar 1872, p. 3.

#### SAN BERNARDINO COUNTY

CAMP CADY I=8-9

Some old adobe barracks were thrown down; heavy wagons moved several feet. Daily Evening Bulletin (San Francisco), 10 Apr 1872, p. 3.

SAN BERNARDINO I=6

Almost everyone awakened; brick buildings strained and cracked; clocks stopped or started. The Guardian (San Bernardino), 30 Mar 1872, p. 2.

#### SAN DIEGO COUNTY

LAS FLORES I=S

"Severely felt." Daily Alta California (San Francisco), 27 Mar 1872, p. 3.

"Terrible." Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

LUCKETT'S RANCH I=6+

Springs increased flow. San Diego Bulletin, 13 Apr 1872, p. 3.

OAK SPRING I=6+

Springs increased flow. San Diego Bulletin, 13 Apr 1872, p. 3.

PANESQUITAS I=6+

Springs increased flow. San Diego Bulletin, 3 Apr 1872, p. 3.

SAN DIEGO I=5

Woke half the people; threw water out of tanks; clocks stopped.  
San Diego Bulletin, 27 Mar 1872, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

Slight. Daily Alta California (San Francisco), 26 Mar 1872,  
p. 1.

Woke "a goodly number"; colcks stopped; some plaster was cracked.  
Daily Evening bulletin (San Francisco), 26 Mar 1872, p. 3.

"...felt by but a small number of our citizens." Sacramento  
Daily Union, 27 Mar 1872, p. 1.

#### SAN JOAQUIN COUNTY

BANTAS I=H

Heavy. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

MILTON I=4-5

Considerable excitement. Daily San Joaquin Republican (Stockton),  
27 Mar 1872, p. 3.

STOCKTON I=6

Rang door bells; stopped clocks; woke nearly everyone; many rushed out; waves formed in the channel and slough. Daily San Joaquin Republican (Stockton), 26 Mar 1872, p. 3.

Cracked plaster; moved furniture on castors. Daily Evening Herald (Stockton), 26 Mar 1872, p. 3.

#### SAN LUIS OBISPO COUNTY

SAN LUIS OBISPO I=5

Woke people; some alarm; clocks stopped. The San Luis Obispo

#### SAN MATEO COUNTY

HALF MOON BAY I=5

Woke people. San Mateo County Gazette (Redwood City), 30 Mar 1872, p. 3.

PESCADERO I=H

Heavy. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

REDWOOD CITY I=4

Felt by those awake. San Mateo County Gazette (Redwood City), 30 Mar 1872, p. 3.

SAN MATEO I=F

Distinct. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

#### SANTA BARBARA COUNTY

SANTA BARBARA I=5

Severe; no material damage. Santa Barbara Times, 30 Mar 1872, p. 2.

Woke people; produced nausea like sea-sickness; water slopped out of a tank. Santa Barbara Press, 30 Mar 1872, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=5

Woke people; some went outside; no items were reported displaced. San Jose Patriot, 29 Mar 1872, p. 1.

Door bells rang; clocks stopped. Daily Alta California, 27 Mar 1872, p. 4.

SANTA CLARA I=5

"Quite an earthquake." The News (Santa Clara), 30 Mar 1872, p. 4.

"The consternation among citizens was general. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

SANTA CRUZ COUNTY

SANTA CRUZ I=5

Longest ever. Santa Cruz Sentinel, 30 Mar 1872, p. 3.

Woke many. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

WATSONVILLE I=5

Woke people; rattled objects; frightened some. The Pajaronian (Watsonville), 28 Mar 1872, p. 3.

SHASTA COUNTY

SHASTA I=F

Distinctly felt. Journal and Argus (Petaluma), 30 Mar 1872, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=H

"...as heavy as any we ever experienced here." The Mountain Messenger (Downieville), 30 Mar 1872, p. 3.

SIERRA VALLEY I=5

Woke people; crockery danced about; house lurched "like a ship in a storm". Sacramento Daily Union, 2 Apr 1872, p. 2.

SOLANO COUNTY

DIXON I=5

People awakened. The Solano Democrat (Vallejo), 30 Mar 1872, p. 2.

SUISUN I=5

Woke people; stopped clocks. The Weekly Solano Republican, 28 Mar 1872, p. 3.

VALLEJO I=5

Dishes rattled; clocks stopped. The Solano Democrat (Vallejo), 30 Mar 1872, p. 3.

Slight; reported felt by several. Vallejo Evening Chronicle, 26 Mar 1872, p. 1.

SONOMA COUNTY

HEALDSBURG I=N

Not felt. Russian River Flag (Healdsburg), 4 Apr 1872, p. 2.

PETALUMA I=4

Felt by those awake. Journal and Argus (Petaluma), 30 Mar 1872, p. 3

Severe; buildings swayed. Petaluma Crescent, 27 Mar 1872, p. 3.

SANTA ROSA I=2

Felt by a few. The Sonoma Democrat (Santa Rosa), 30 Mar 1872, p. 5.

#### STANISLAUS COUNTY

HILL'S FERRY I=H

Heavy. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

MODESTO I=6+

Many were severely frightened and ran outside; dogs howled; small fissures opened in the ground; some were made nauseous. Stanislaus County News (Modesto), 29 Mar 1872, p. 3.

#### SUTTER COUNTY

YUBA CITY I=5

Clocks stopped; people were awakened; a few were frightened. Weekly Sutter Banner (Yuba City), 30 Mar 1872, p. 3.

Bells rang; doors and windows rattled; crockery jingled. Marysville Daily Standard, 27 Mar 1872, p. 3.

#### TEHAMA COUNTY

RED BLUFF I=5

Tumbled sleepers out of bed; spilled water on floors; clocks stopped. The Sentinel (Red Bluff), 30 Mar 1872, p. 30.

Crockery danced about; doors were thrown open; no damage. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

TEHAMA I=L

Slightly felt. Tehama Independent, 30 Mar 1872, p. 3.

#### TULARE COUNTY

GRAPE-VINE SPRINGS I=6+

Springs dried up. Visalia Weekly Delta, 16 May 1872, p. 3.

PORTERVILLE I=7

A chimney was knocked down; water, black soil, and wood chips were ejected from the previously dry, sandy bed of a slough; cracks were formed in a "hard" road; considerable medicine was spilled in the drugstore. Visalia Weekly Delta, 28 Mar 1872, p. 2.

VANDALIA I=7

Three chimneys toppled. Visalia Weekly Delta, 28 Mar 1872, p. 2.

VISALIA I=7

People were frightened out of bed and ran outside. Visalia Weekly Delta, 28 Mar 1872, p. 2.

"...citizens turned en masse in great alarm"; no serious damage. Tulare Times (Visalia), 30 Mar 1878, p. 3.

Goods were hurled off the shelves, brick buildings were strained and cracked; a wall moved out an inch; a burned stable partially collapsed; gable ends of a flour mill were thrown down; fissures opened in "clay land". Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

WHITE RIVER I=5+

Like riding on a stage coach; some damage; chickens laid many eggs; shook yeast down. Visalia Weekly Delta, 11 Apr 1872, p. 2.

TUOLUMNE COUNTY

BUCHANAN I=5

Woke people. Fresno Weekly Expositor. 3 Apr 1872, p. 3.

COLUMBIA I=4-5

Frightened people. Tuolumne Independent (Sonora), 6 Apr 1872, p. 4.

SONORA I=6

People were awakened and rushed outside; houses swayed; everything suspended swung to and fro; clocks stopped; a few light articles fell; several brick buildings were slightly cracked. The Union Democrat (Sonora), 30 Mar 1872, p. 2.

RANCH OF CHARLES THOMPSON I=6+

Spring increased flow. Tuolumne Independent (Sonora), 13 Apr 1872, p. 3.

VENTURA COUNTY

SAN BUENAVENTURA I=6

Some clocks stopped; plastering was "disturbed"; some ran outside. Santa Barbara Times, 30 Mar 1872, p. 2.

YOLO COUNTY

WOODLAND I=5

Frightened some; clocks stopped; windows and doors rattled; trees and shrubbery swayed. The Yolo Democrat (Woodland), 30 Mar 1872, p. 3.

Woke people; "-nothing more". Yolo Weekly Mail (Woodland), 28 Mar 1872, p. 3.

YUBA COUNTY

BROWN'S VALLEY I=S

Severe. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

CHALLENGE MILLS I=S

Severe. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

COLUMBUS HOUSE I=S

Severe. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

EAGLE MILLS I=5

Severe. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

MARYSVILLE I=6

Clocks stopped; doors and windows rattled; woke people; pigeons took flight; dogs howled; some plaster down in one building; some crockery down. Marysville Daily Appeal, 27 Mar 1872, p. 3.

Bells rung; water sloshed out of a large tank; some ran outside. Marysville Daily Standard, 27 Mar 1872, p. 3.

#### STATE OF NEVADA

AURORA I=6

Some buildings were cracked. The Inyo Independent (Independence), 30 Mar 1872, p. 1.

"No damage was done..." Sacramento Daily Union, 27 Mar 1872, p. 2.

AUSTIN I=5

Chickens left their roosts; dogs howled; people were frightened; clocks stopped; no damage. Reese River Reveille (Austin), 26 Mar 1872, p. 2.

BELMONT I=9

"...a few stone cabins were thrown down..." The Inyo Independent (Independence), 30 Mar 1872, p. 1.

CARSON CITY I=5

Violent; clocks stopped. Sacramento Daily Record, 29 Mar 1872, p. 2.

COLUMBUS I=6+

Springs spouted water 12 to 15 feet high; canyons filled with rocks hundreds of feet deep. Tuolumne Independent (Sonora), 4 May 1872, p. 2.

ELKO I=6

Lamps swayed; some people made to move unsteadily; a dish fell; dishes and bottles rattled; clocks stopped. The Elko Independent, 30 Mar 1872, p. 3.

EUREKA I=5-6

Woke people; crockery was broken; clocks stopped; frightened people. Eureka Daily Sentinel, 27 Mar 1872, p. 3.

FISH CREEK I=S

More violent than at Eureka, Nevada. Eureka Daily Sentinel, 31 Mar 1872, p. 3.

GOLD HILL I=L

Light earthquake lasting about a minute. Gold Hill Daily News, 26 Mar 1872, p. 3.

HAMILTON I=6

People awakened; dishes, mirrors, and glassware fell; dogs howled; people ran outside; clocks stopped. Reese River Revivelle (Austin), 29 Mar 1872, p. 2.

HOT CREEK I=5

Rattled pans; woke the "soundest sleeper". Eureka Daily Sentinel, 30 Mar 1872, p. 2.

HOT SPRINGS EAST OF WADSWORTH I=6+

Hot Springs became quite active. Nevada State Journal (Reno), 30 Mar 1872, p. 3.

RENO I=3?

"Tuesday and Wednesday several light shocks were felt by a number of our citizens." Nevada State Journal (Reno), 30 Mar 1872, p. 3.

SWEETWATER I=L

Very slight. Daily Alta California (San Francisco), 29 Mar 1872, p. 1.

UNIONVILLE I=5

Awakened several; rattled chinaware and crockery; a few glasses and dishes broke. The Silver State (Unionville), 30 Mar 1872, p. 3.

VIRGINIA CITY I=L

Light shock lasting a minute. Alfred Doten (Unpublished).

WADSWORTH I=H

Heavy. The Daily Bee (Sacramento), 26 Mar 1872, p. 2.

WELLINGTON I=L

Very slight. Daily Alta California (San Francisco), 29 Mar 1872, p. 1.

## MEXICO

PORT ISABEL I=H

Heavy; gigantic waves in the bay; schooner broke loose from its anchorage. Daily Evening Bulletin (San Francisco), 10 Apr 1872, p. 2,

## UNKNOWN LOCATION

DESERT SPRING I=6+

Everything inside tumbled about; furniture upset; water thrown out of well which continued to flow. Visalia Weekly Delta, 18 Apr 1872, p. 1 (from Virginia City Enterprise).

PASSMORE'S I=5+

No serious damage. Visalia Weekly Delta, 4 April 1872, p. 2.

PEDROLOPOLLIS (PETROLIOPOLIS) I=5

Heavy; clocks stopped. Daily Alta California (San Francisco),  
27 Mar 1872, p. 4.

Severely felt. Los Angeles Daily News, 27 Mar 1872, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1872 Mar 26  
TIME: 14:06 GMT  
LOCATION: 36.900N 118.200W OWENS VALLEY AFTERSHOCK

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ALPINE COUNTY

~~SILVER MOUNTAIN~~ I=F

Light compared to 10:30. The Alpine Chronicle (Silver Mountain),  
30 Mar 1872, p. 3.

BUTTE COUNTY

OROVILLE I=L

Slight. The Weekly Butte Record (Oroville), 30 Mar 1872, p. 3.

CALAVERAS COUNTY

VALLECITO I=F

"...Not so severe as the first..." Daily Evening Bulletin (San  
Francisco), 1 Apr 1872, p. 1.

MOKELUMNE HILL I=2-3

Slight; not felt by many. Weekly Calaveras Chronicle (Mokelumne  
Hill), 30 Mar 1872, p. 3.

CONTRA COSTA COUNTY

ANTIOCH I=L

Light. Daily Evening Bulletin (San Francisco), 1 Apr 1872, p. 1.

FRESNO COUNTY

BIG DRY CREEK I=H

Heavy. Daily Alta California (San Francisco), 1 Apr 1872, p. 1.

INYO COUNTY

BISHOP CREEK I=H

Heavy. Sacramento Daily Union, 1 Apr 1872, p. 2.

Not so severe (14:00). Sacramento Daily Union, 16 Apr 1872, p. 2.

OWENS VALLEY I=H

Second heavy shock. Sacramento Daily Union, 27 July 1872, p. 2.

LOS ANGELES COUNTY

LOS ANGELES I=L

Scarcely perceptible. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

MARIPOSA COUNTY

HORNITOS I=F

Very smart. The Mariposa Gazette, 29 Mar 1872, p. 2.

MARIPOSA I=5

People awakened. Mariposa Weekly Gazette, 29 Mar 1872, p. 3.

YOSEMITE VALLEY I=S

Severe. The Union Democrat (Sonora), 6 Apr 1872, p. 3.

NEVADA COUNTY

NEVADA CITY I=2

Felt by few. Nevada Daily Transcript, 27 Mar 1872, p. 3.

PLACER COUNTY

IOWA HILL I=H

Very heavy. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

SACRAMENTO COUNTY

SACRAMENTO I=5

Severe; drove people from their beds. The Daily Bee (Sacramento), 26 Mar 1872, p. 3.

Heavy. Sacramento Daily Union, 27 Mar 1872, p. 5.

Considerable force. Sacramento Daily Record, 27 Mar 1872, p. 3.

SAN JOAQUIN COUNTY

BANTAS I=L

Slight. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

STOCKTON I=H

Quite heavy. Daily San Joaquin Republican (Stockton), 26 Mar 1872, p. 3.

Not as heavy as that of 10:30 GMT. Daily Evening Herald (Stockton), 26 Mar 1872, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=L

Light. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

SANTA CRUZ COUNTY

SANTA CRUZ I=L

Slight; scarcely perceptible. The Pajaronian (Watsonville),

28 Mar 1872, p. 3.

SOLANO COUNTY

VALLEJO I=4-5

A clock started. The Solano Democrat (Vallejo), 30 Mar 1872, p. 3.

STANISLAUS COUNTY

HILL'S FERRY I=L

Slight. Daily Alta California (San Francisco), 27 Mar 1872, p. 4.

MODESTO I=F

A little less frightful. Stanislaus County News (Modesto), 29 Mar 1872, p. 3.

TULARE COUNTY

VISALIA I=S

Distinct. Tulare Times (Visalia), 30 Mar 1872, p. 3.

Severe (14:05). Daily Evening Bulletin (San Francisco), 29 Mar 1872, p. 2.

TUOLUMNE COUNTY

SONORA I=H

Quite heavy. The Union Democrat (Sonora), 30 Mar 1872, p. 2.

VENTURA COUNTY

SAN BUENA VENTURA I=F

Felt. Santa Barbara Times, 30 Mar 1872, p. 3.

YOLO COUNTY

WOODLAND I=3

Felt by some. Yolo Weekly Mail (Woodland), 28 Mar 1872, p. 3.

YUBA COUNTY

MARYSVILLE I=L

"Lighter than those previous." Marysville Daily Appeal, 27 Mar 1872, p. 3.

STATE OF NEVADA

GOLD HILL I=F?

A few other light shakes felt up to daylight by those awake.  
Gold Hill News, 26 Mar 1872, p. 3.

SWEETWATER I=L

Very slight. Daily Alta California (San Francisco), 29 Mar 1872, p. 1.

WELLINGTON I=L

Very slight. Daily Alta California (San Francisco), 29 Mar 1872, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1872 Mar 28  
TIME: 13:00 GMT  
LOCATION: 39.500N 120.500W SIERRA COUNTY

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BUTTE COUNTY

OROVILLE I=L

Slight; no damage. Daily Alta California (San Francisco), 29 Mar 1872, p. 1.

NEVADA COUNTY

GRASS VALLEY I=4

Jarred buildings. Grass Valley Republican, 29 Mar 1872, p. 3.

NEVADA CITY I=4

Not much excitement. Nevada Daily Transcript, 29 Mar 1872, p. 3.

PLUMAS COUNTY

QUINCY I=F

"Right smart." Plumas National (Quincy), 30 Mar 1872, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=5

Many awakened. The Daily Bee (Sacramento), 28 Mar 1872, p. 3.

"Several parties distinguished quite an earthquake shock..."  
Sacramento Daily Record, 29 Mar 1872, p. 3.

"Tolerably heavy but brief." Sacramento Daily Union, 29 Mar 1872,

p. 3.

SIERRA COUNTY

DOWNIEVILLE I=4

Rattled windows and doors. The Mountain Messenger (Downieville),  
30 Mar 1872, p. 3.

SIERRA VALLEY I=6

"...a severe shock, which did considerable damage to the bottles  
and China-ware in the stores." Sacramento Daily Union, 2 Apr  
1872, p. 2.

YUBA COUNTY

MARYSVILLE I=4-5

"...generally felt throughout the city." (5:00 AM). Marysville  
Daily Appeal, 29 Mar 1872, p. 3.

Slight. Marysville Daily Standard, 29 Mar 1872, p. 3.

STATE OF NEVADA

RENO I=3-4

"Sundry and divers persons report experiencing the shock..."  
The Reno Crescent, 30 Mar 1872, p. 3.

"Quite a 'shaker'." Nevada State Journal (Reno), 30 Mar 1872,  
p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1872 Apr 3  
TIME: 12:15 GMT  
LOCATION: 36.900N 118.200W OWENS VALLEY AFTERSHOCK

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FRESNO COUNTY

FRESNO I=H

Heavier than any before. Fresno Weekly Expositor, 3 Apr 1872,  
p. 3.

MERCED COUNTY

SNELLING I=5

Many awakened. San Joaquin Valley Argus (Snelling), 6 Apr 1872,  
p. 3.

MARIPOSA COUNTY

MARIPOSA I=F?

"About the same calibre" as that of 26 Mar 1872, 14:06; Tuesday  
(April 2nd) is the date given. Mariposa Weekly Gazette, 5 Apr  
1872, p. 3.

NEVADA COUNTY

GRASS VALLEY I=4-5

Felt by a number (4:30 a.m.). Grass Valley Daily Union, 4 Apr  
1872, p. 3.

SAN JOAQUIN COUNTY

STOCKTON I=4

Alarmed timid. Daily San Joaquin Republican (Stockton), 3 Apr 1872, p. 3.

"...not severe enough, however, for a general wake up." Daily Evening Herald (Stockton), 3 Apr 1872, p. 3.

Slight. Daily Alta California (San Francisco), 4 Apr 1872, p. 1.

#### STANISLAUS COUNTY

MODESTO I=L

Light and lively. Stanislaus County News (Modesto), 6 Apr 1872, p. 3.

#### TULARE COUNTY

VISALIA I=S

Most severe since the 26th. Daily Alta California (San Francisco), 4 Apr 1872, p. 1.

#### TUOLUMNE COUNTY

SONORA I=5

Startled many (5:00 a.m.). Tuolumne Independent (Sonora), 6 Apr 1872, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1872 Apr 11  
TIME: 19:00 GMT  
LOCATION: 37.500N 118.500W OWENS VALLEY AFTERSHOCK

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CALAVERAS COUNTY

VALLECITO I=F

Not as heavy as those of the 26th. Daily Evening Bulletin (San Francisco), 13 Apr 1872, p. 3.

INYO COUNTY

BISHOP CREEK I=F (4-5?)

"A little too much." Sacramento Daily Union, 16 Apr 1872, p. 2.

INDEPENDENCE I=N?

Not noticed (perhaps because of numerous aftershocks of the 26th Marc earthquake). Sacramento Daily Union, 16 Apr 1872, p. 2.

ROUND VALLEY I=9

Stone dwellings, barn, and corrals thrown down; twisted frame building. Sacramento Daily Union, 18 Apr 1872, p. 2.

KERN COUNTY

BAKERSFIELD I=L

Slight. Daily Evening Bulletin (San Francisco), 12 Apr 1872, p. 1.

LASSEN COUNTY

SUSANVILLE I=L

Lighter than earlier quakes. Lassen Sage Brush (Susanville),  
13 Apr 1872, p. 3.

LOS ANGELES COUNTY

LOS ANGELES I=2-3

Not felt by most; clock weights swayed. Loa Angeles Daily News,  
12 Apr 1872, p. 3.

MERCED COUNTY

SNELLING I=F

Smart; no damage. San Joaquin Valley Argus (Snelling), 13 Apr 1872,  
p. 3.

NEVADA COUNTY

GRASS VALLEY I=3

Felt very sensibly by several. Grass Valley Daily Union, 12 Apr  
1872, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=5

Shook gas pendants; stopped a few clocks. The Daily Bee (Sacra-  
mento), 11 Apr 1872, p. 3.

Many from 2nd and 3rd floors ran outside. Sacramento Daily Re-  
cord, 12 Apr 1872, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=2

Felt by few. Sacramento Daily Record, 12 Apr 1872, p. 2.

SAN JOAQUIN COUNTY

STOCKTON I=3-4

Quite perceptible; uncomfortably harsh for those above the first floors. Daily San Joaquin Republican (Stockton), 11 Apr 1872, p. 3.

Smart. Daily Evening Herald (Stockton), 11 Apr 1872, p. 3.

Slight. Stockton Daily Independent, 12 Apr 1872, p. 3.

TUOLUMNE COUNTY

SONORA I=4-5

Frightened those in brick buildings. The Union Democrat (Sonora), 13 Apr 1872, p. 3.

A severer one. Tuolumne Independent (Sonora), 13 Apr 1872, p. 3.

YUBA COUNTY

MARYSVILLE I=3

Felt by several. Marysville Daily Appeal, 12 Apr 1872, p. 3.

STATE OF NEVADA

EUREKA I=4

Felt by many. Eureka Daily Sentinel, 12 Apr 1872, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1872 April 18  
TIME: 12:00 GMT  
LOCATION: 36.500N 117.800W OWENS VALLEY AFTERSHOCK

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INYO COUNTY

CERRO GORDO I=S

"Unusual severity"; no damage. Inyo Independent (Independence),  
20 Apr 1872, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1872 May 3

TIME: 01:00 GMT

LOCATION: 33.000N 115.000W IMPERIAL VALLEY

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SAN BERNARDINO COUNTY

SAN BERNARDINO I=3

Some report having felt quite an earthquake. The Guardian  
(San Bernardino), 4 May 1872, p. 3.

IMPERIAL COUNTY

FORT YUMA I=S

Severe (two shocks), Daily Alta California (San Francisco),  
17 May 1872, p. 1.

STATE OF ARIZONA

ARIZONA CITY (YUMA) I=7

Cracked walls; moved saloon counter one inch; people ran into  
the streets. Daily Alta California (San Francisco), 17 May  
1872, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1872 May 17

TIME: 21:00 GMT

LOCATION: 36.600N 118.100W OWENS VALLEY, AFTERSHOCK

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INYO COUNTY

LONE PINE I=6

House shook, furniture disturbed; a man was thrown from his feet.  
Daily Evening Bulletin (San Francisco), 25 May 1872, p. 4.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1873 Nov 23  
TIME: 05:00 GMT  
LOCATION: 42.000N 124.200W COASTAL CALIFORNIA-OREGON BORDER AREA

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DEL NORTE COUNTY

CRESCENT CITY I=7

Bells rang; brick buildings cracked; about half the chimneys in town more or less injured, some thrown down. The Crescent City Courier, 29 Nov 1873, p. 3.

GASQUET TRAIL I=6+

Ground cracked in several places. The Crescent City Courier, 29 Nov 1873, p. 3.

LOW DIVIDE I=F

Felt with considerable force. The Crescent City Courier, 29 Nov 1873, p. 3.

SMITH RIVER VALLEY I=8

Nearly all the chimneys shaken down. The Crescent City Courier, 29 Nov 1873, p. 3.

HUMBOLDT COUNTY

EUREKA I=5-6

People frightened. The Humboldt Times (Eureka), 29 Nov 1873, p. 2.

Articles thrown from shelves. The West Coast Signal (Eureka), 26 Nov 1873, p. 3.

SCHOONER MARIAM, AT SEA NORTH OF CAPE MENDOCINO I=S

Violent. The Humboldt Times (Eureka), 6 Dec 1873, p. 3.

PETROLIA I=H

Very heavy. The Humboldt Times (Eureka), 6 Dec 1873, p. 3.

#### LASSEN COUNTY

BIG VALLEY I=N

Reported not felt. The Yreka Journal, 10 Dec 1873, p. 3.

#### SACRAMENTO COUNTY

SACRAMENTO I=5

Stopped some clocks. The Daily Bee (Sacramento), 24 Nov 1873, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=L

Slight (time given as 10:00 pm). Stockton Daily Independent, 24 Nov 1873, p. 3.

Slight. The Daily Bee (Sacramento), 24 Nov 1873, p. 1.

Not felt. The Yreka Journal, 26 Nov 1873, p. 3.

"...felt a little earlier at San Francisco than at this place (Eugene)." The Oregon State Journal (Eugene), 29 Nov 1873, p. 3.

#### SHASTA COUNTY

BURGOTVILLE I=4?

Hanging objects swang; felt over the valley. The Yreka Journal, 10 Dec 1873, p. 3.

COTTONWOOD I=4-5

Quite severe; people startled. The Yreka Journal, 26 Nov 1873, p. 3.

REDDING I=L

Light. Daily Alta California (San Francisco), 23 Nov 1873, p. 1.

SHASTA I=F

Felt. Daily Evening Bulletin (San Francisco), 24 Nov 1873, p. 1.

WHISKYTOWN I=F

Distinctly noticed. Daily Evening Bulletin (San Francisco), 24 Nov 1873, p. 1.

#### SISKIYOU COUNTY

BOGUS I=5

Quite strong; awoke the people. The Yreka Journal, 26 Nov 1873, p. 3.

ELIZA LODGE AND MILL ON HUMBUG CREEK I=4?

Windows, doors, tables, etc. rattled. The Yreka Journal, 26 Nov 1873, p. 3.

HAPPY CAMP I=7?

Brick building slightly cracked? The Crescent City Courier, 29 Nov 1873, p. 3.

Chimneys more or less broken. The West Coast Signal (Eureka), 3 Dec 1873, p. 2.

HAWKINSVILLE I=F

Felt. The Yreka Journal, 3 Dec 1873, p. 3.

LITTLE SHASTA I=S

Very severe. The Yreka Union, 29 Nov 1873, p. 3.

NEW YORK HOUSE, BETWEEN SCOTT AND TRINITY MOUNTAINS I=H

Heaviest. The Yreka Journal, 26 Nov 1873, p. 3.

OAK BAR I=H

Very heavy. The Yreka Journal, 26 Nov 1873, p. 3.

SAWYER'S BAR I=5?

Very severe; shook candles out of posts in a mine. The West Coast Signal (Eureka), 3 Dec 1873, p. 2.

SCOTT BAR I=6

Cracked plaster ceilings and walls; broke a few dishes. The Yreka Journal, 26 Nov 1873, p. 3.

Shook dishes off shelves in stores. The Yreka Union, 29 Nov 1873, p. 3.

SCOTT VALLEY I=5

Cracked plaster in some buildings. The Yreka Journal, 26 Nov 1873, p. 3.

SHASTA VALLEY I=6?

Many people were frightened. The Yreka Journal, 26 Nov 1873, p. 3.

TOP OF SISKIYOU MOUNTAIN I=S

Quite severe. The Yreka Journal, 26 Nov 1873, p. 3.

YREKA I=6?

All clocks stopped; some walls cracked slightly. The Yreka Journal, 26 Nov 1873, p. 3.

TEHAMA COUNTY

RED BLUFF I=5-6

Clocks stopped; crockery tumbled from shelves. The Sentinel (Red Bluff), 29 Nov 1873, p. 3.

Light; stopped a clock. Daily Alta California (San Francisco), 23 Nov 1873, p. 1.

TEHAMA I=L

Slight. Tehama Independent, 29 Nov 1873, p. 3.

TRINITY COUNTY

DOUGLAS CITY I=N

Not felt. Weekly Trinity Journal (Weaverville), 29 Nov 1873, p. 3.

INDIAN CREEK I=5-6

Shook phials from the shelves in the store. Weekly Trinity Journal (Weaverville), 29 Nov 1873, p. 3.

JUNCTION CITY I=6?

Log moved 8 inches. Weekly Trinity Journal (Weaverville), 29 Nov 1873, p. 3.

TRINITY VALLEY I=H

Heaviest. The Yreka Journal, 26 Nov 1873, p. 3.

WEAVERVILLE I=6

Mortar shaken from the walls of several brick buildings; shook stacked pipe down. Weekly Trinity Journal (Weaverville), 29 Nov 1873, p. 3.

YUBA COUNTY

MARYSVILLE I=N

Not felt. The Yreka Journal, 26 Nov 1873, p. 3.

STATE OF OREGON

ALBANY I=5

Quite a number ran out. The Albany Register, 26 Nov 1873, p. 3.

ASHLAND I=4-5

Light; houses shook considerably. Daily Evening Bulletin (San Francisco), 24 Nov 1873, p. 1.

CALLAPOOLA MOUNTAINS I=S

Felt severely. The Napa Register, 29 Nov 1873, p. 1.

CANYONVILLE I=S

Felt with greatest severity. The Napa Register, 29 Nov 1873, p. 1.

CORVALLIS I=4-5

Some citizens alarmed. The Corvallis Gazette, 29 Nov 1873, p. 3.

DALLAS I=3

Felt by several. Liberal Democrat (Dallas), 29 Nov 1873, p. 3.

EUGENE I=5

Perceptible in some portions of town while in others it was not; stopped two or three clocks. The Oregon State Journal (Eugene), 29 Nov 1873, p. 3.

FORT KLAMATH I=S

Severe. Holden (1898), p. 96.

GRANTS PASS I=7

Chimney demolished. The Democratic Times (Jacksonville), 29 Nov 1873, p. 3.

GRAVE CREEK I=F

Felt. Daily Evening Bulletin (San Francisco), 24 Nov 1873, p. 1.

HARRISBURG I=F

Shook them up kindly. The Albany Register, 26 Nov 1873, p. 2.

HILLSBORO I=4

Hanging lamps swang. Morning Oregonian (Portland), 24 Nov 1873, p. 3.

JACKSONVILLE I=7

Threw down some chimneys. Oregon Sentinel (Jacksonville), 29 Nov 1873, p. 3.

LINKVILLE I=6+

Quite severe; ground cracked. The Yreka Journal, 3 Dec 1873, p. 3.

McMINNVILLE I=5

Stopped many clocks; felt by most (1:00 AM). Yamhill County Reporter (McMinnville), 27 Nov 1873, p. 3.

PORTLAND I=3-4

Unnoticed by a majority of the people; two people ran out. The Daily Bulletin (Portland), 24 Nov 1873, p. 2.

Felt by only one person. Morning Oregonian (Portland), 24 Nov 1873, p. 3.

PORT ORFORD I=7?

At the light house, plastering and putty were started. The Crescent City Courier, 29 Nov 1873, p. 3.

Chimneys more or less broken. The West Coast Signal (Eureka), 3 Dec 1873, p. 2.

ROSEBURG I=4-5

People startled; buildings observed to tremble. Daily Evening Bulletin (San Francisco), 24 Nov 1873, p. 1.

SALEM I=2

Felt by several on second floors. The Daily Oregon Statesman (Salem), 25 Nov 1873, p. 3.

SHEDD I=5

Some people ran out. Morning Oregonian (Portland), 24 Nov 1873, p. 3.

STATE OF WASHINGTON

TACOMA I=F

III RF. Townley and Allen (1939), p. 260.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1875 Jan 24  
TIME: 12:00 GMT  
LOCATION: 40.300N 120.400W HONEY LAKE AREA, LASSEN COUNTY

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BUTTE COUNTY

CHICO I=5

Slight. The Weekly Butte Record (Chico), 30 Jan 1875, p. 3.

Felt by quite a number (4:00 AM). The Northern Enterprise (Chico), 29 Jan 1875, p. 3.

OROVILLE I=5

Awoke nearly all the people at a hotel; windows rattled. The Weekly Mercury (Oroville), 29 Jan 1875, p. 2.

LASSEN COUNTY

THE HOT SPRINGS ON THE EAST SIDE OF HONEY LAKE I=6+

Hot water thrown out. Lassen County Journal (Susanville), 4 Feb 1875, p. 4.

JANESVILLE I=7

Chimney thown down. Lassen County Journal (Susanville), 4 Feb 1875, p. 4.

SUSANVILLE I=6

A few cracks in the front of stone buildings. The Lassen Advocate (Susanville), 30 Jan 1875, p. 3.

NEVADA COUNTY

GRASS VALLEY I=4

"The occupants of the upper stories of buildings were considerably shaken up." Grass Valley Daily Union, 26 Jan 1875, p. 3.

NEVADA CITY I=5

Many people startled from their sleep; doors slammed and windows rattled. Nevada Daily Transcript, 26 Jan 1875, p. 3.

NORTH SAN JUAN I=5

Awoke many. The North San Juan Times, 30 Jan 1875, p. 3.

TRUCKEE I=F

Felt. The Truckee Republican, 27 Jan 1875, p. 2.

#### PLACER COUNTY

BLUE CANYON I=5-6

Furniture moved. Daily Alta California (San Francisco), 25 Jan 1875, p. 1.

IOWA HILL I=6+

Dam cracked; tank crushed. The Placer Weekly Argus (Auburn), 6 Feb 1875, p. 3.

SUMMIT I=F

Felt. The Daily Bee (Sacramento), 25 Jan 1875, p. 2.

#### PLUMAS COUNTY

GREENVILLE I-S

Severe. Sacramento Daily Union, 25 Jan 1875, p. 2.

QUINCY I=5

People were aroused; crockery rattled; houses creaked. The Plumas National (Quincy), 30 Jan 1875, p. 3.

TAYLORVILLE I=S

Severe. Sacramento Daily Union, 25 Jan 1875, p. 2.

SACRAMENTO COUNTY

SACRAMENTO I=5

25 Jan 1875, p. 2.

Rang door-bells; opened doors. Sacramento Daily Union, 25 Jan 1875, p. 3.

Moved furniture. San Francisco Chronicle, 25 Jan 1875, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=5

Brought many people out of bed. The Mountain Messenger (Downieville), 30 Jan 1875, p. 2.

SCALES I=H

Heaviest ever felt. The Mountain Messenger (Downieville), 6 Feb 1875, p. 2.

YUBA COUNTY

MARYSVILLE I=5

Awoke many. Marysville Daily Appeal, 26 Jan 1875, p. 3.

WHEATLAND I=4-5

Felt by several (4:00 AM). Wheatland Free Press, 30 Jan 1875, p. 3.

STATE OF NEVADA

CARSON CITY I=F

Quite sharp. Holden (1898), p. 97.

GOLD HILL I=5

Quite severe; "A few people were rolled out of bed against their will..." Gold Hill Daily News, 25 Jan 1875, p. 3.

RENO I=S

Severe. Daily Nevada State Journal (Reno), 26 Jan 1875, p. 3.

VIRGINIA CITY I=5

Crockery and windows rattled in the fourth stories of brick buildings. Daily Territorial Enterprise (Virginia City), 26 Jan 1875, p. 3.

Woke up and hustled out of bed many people. Virginia Evening Chronicle, 25 Jan 1875, p. 3.

EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1875 Sep 30

TIME: 12:20 GMT

LOCATION: 40.500N 125.500W EUREKA

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HUMBOLDT COUNTY

ARCATA I=5+

Very severe. Daily Alta California (San Francisco), 9 Oct 1875, p. 5.

"...little damage, if any, done." The Daily Humboldt Times, (Eureka), 1 Oct 1875, p. 3.

EUREKA I=7

Cracked most of the brick chimneys in the city; some chimneys thrown down. The Daily Humboldt Times (Eureka), 1 Oct 1875, p. 3.

FERNDALE I=S

Severe. The Daily Humboldt Times (Eureka), 1 Oct 1875, p. 3.

TRINITY COUNTY

FAGGTOWN I=5?

One person was rolled out of bed. Weekly Trinity Journal (Weaverville), 2 Oct 1875, p. 3.

WEAVERVILLE I=5

Awoke a greater portion of town; clocks stopped. Weekly Trinity Journal (Weaverville), 2 Oct 1875, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1876 May 29  
TIME: 18:55 GMT  
LOCATION: 38.500N 122.900W SONOMA COUNTY

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MENDOCINO COUNTY

UKIAH I=N

Not felt. Santa Rosa Daily Democrat, 29 May 1876, p. 3.

NAPA COUNTY

CALISTOGA I=2

Reported felt by one person. St. Helena Star, 2 June 1876, p. 3.

SONOMA COUNTY

CLOVERDALE I=2

Noticed by few. Russian River Flag (Healdsburg), 1 June 1876,  
p. 3.

FREESTONE I=6

Bottles and crockery upset; hard finished walls cracked. Santa  
Rosa Daily Democrat, 30 May 1876, p. 3.

FULTON I=S

Very severe; one lady fainted. Santa Rosa Daily Democrat,  
29 May 1876, p. 3.

HEALDSBURG I=S

Severe. Healdsburg Enterprise, 3 June 1876, p. 3.

Quite heavy. Russian River Flag, 1 June 1876, p. 1.

SANTA ROSA I=5

Crockery rattled; some ran out. Santa Rosa Daily Democrat,  
29 May 1876, p. 3.

Majority ran out. Santa Rosa Times, 1 June 1876, p. 3.

SEBASTOPOL I=5

Severe. Petaluma Weekly Argus, 2 June 1876, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1878 May 9  
TIME: 04:25 GMT  
LOCATION: 40.300N 124.500W SOUTHERN HUMBOLDT COUNTY

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COLUSA COUNTY

COLUSA I=F

Quite distinct. The Weekly Colusa Sun, 11 May 1878, p. 3.

WILLIAMS I=5

Doors were thrown open; suspended lamps in brick buildings nearly thrown to the floors. The Weekly Colusa Sun, 11 May 1878, p. 2.

GLENN COUNTY

WILLOWS I=H

Very heavy. Sacramento Daily Record-Union, 9 May 1878, p. 2.

HUMBOLDT COUNTY

BEAR RIVER I=5-6

Milk and cream spilled in dairies. Daily Evening Signal (Eureka), 23 May 1878, p. 3.

BIG BONANZA MILL I=6+

Mill dam cracked. West Coast Signal (Eureka), 22 May 1878, p. 3.

BIG FLAT I=6+

Large landslides; stream increased flow; trees knocked down. West Coast Signal (Eureka), 29 May 1878, p. 2.

BRICELAND I=S

Very severe. San Francisco Chronicle, 9 May 1878, p. 3.

CAPE MENDOCINO I=S

Very severe. Daily Evening Signal (Eureka), 13 May 1878, p. 3.

EUREKA I=6?

Near panic in the opera house. The Daily Humboldt Times (Eureka), 10 May 1878, p. 3.

Heavy. The Democratic Standard (Eureka), 11 May 1878, p. 3.

FERNDALE I=5+

One of the severest ever felt; "We have heard of no damage of any serious consequence..." Ferndale Enterprise, 11 May 1878, p. 3.

FRAZER'S PLACE, 7 MI SOUTH OF BIG FLAT I=6+

Large mud (?) slide. West Coast Signal (Eureka), 29 May 1878, p. 2.

BACK OF GRIZZLY BLUFF I=6+

Tumbled over many large trees. Daily Evening Signal (Eureka), 23 May 1878, p. 3.

HADLEY RESIDENCE, 7 MI NORTH OF SHELTER COVE I=6+

Houses swept away; streams flooded due to the quake. West Coast Signal (Eureka) 29 May 1878, p. 2.

KOOSKA I=6+

Several large landslides. The Humboldt Times (Eureka), 18 May 1878, p. 3.

PETROLIA I=8

Not a single brick chimney was left standing. The Humboldt Times (Eureka), 18 May 1878, p. 3.

SHELTER COVE I=5+

"...but little damage was done." West Coast Signal (Eureka), 29 May 1878, p. 3.

#### LAKE COUNTY

LAKEPORT I=4

Dishes rattled; doors swung open and shut; hanging lamps oscillated. The Lake County Bee (Lakeport), 9 May 1878, p. 2.

"...so heavy that but few people noticed them." The Lake Democrat (Lakeport), 11 May 1878, p. 5.

#### MENDOCINO COUNTY

ALBION I=5-6

Dishes shaken from shelves. The Mendocino Beacon, 11 May 1878, p. 3.

ANDERSON I=F

Quite perceptible. Democratic Weekly Dispatch (Ukiah), 18 May 1878, p. 3.

CASPER I=4-5

Created some excitement. The Mendocino Beacon, 11 May 1878, p. 3.

CUFFEY'S COVE I=4-5

Created some little excitement; pretty stiff. The Mendocino Beacon, 11 May 1878, p. 3.

KIBESILLAH I=5-6

Clocks stopped; dishes thrown to the floor. The Mendocino Beacon, 11 May 1878, p. 3.

MENDOCINO I=4-5

Stopped a clock. The Mendocino Beacon, 11 May 1878, p. 3.

NORTH FORK HOUSE I=S

Quite severe. The Mendocino Beacon, 11 May 1878, p. 3.

POINT ARENA I=N

Not felt. San Francisco Chronicle, 9 May 1878, p. 3.

UKIAH I=5

Two clocks stopped. Mendocino Democrat, 11 May 1878, p. 3.

WESTPORT I=4-5

Hotel guests had quite a scare. The Mendocino Beacon, 11 May 1878, p. 3.

#### SACRAMENTO COUNTY

SACRAMENTO I=5

Stopped clocks; shook large hanging picture; moved loose objects slightly. The Daily Bee (Sacramento), 9 May 1878, p. 3.

#### TEHAMA COUNTY

RED BLUFF I=5

Clocks stopped. San Francisco Chronicle, 9 May 1878, p. 3.

TEHAMA I=F

"Did you feel the earthquake?" Tehama Tocsin, 11 May 1878, p. 3.

TRINITY COUNTY

WEAVERVILLE I=F

Distinct. Weekly Trinity Journal (Weaverville), 11 May 1878,  
p. 3.

YUBA COUNTY

MARYSVILLE I=L

Slight. Marysville Weekly Appeal, 17 May 1878, p. 4.

5

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1881 Jan 7  
TIME: 02:25 GMT  
LOCATION: 40.000N 122.000W NORTHERN SACRAMENTO VALLEY

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BUTTE COUNTY

BUCKEYE MILLS I=F

Felt. The Weekly Butte Record (Chico), 15 Jan 1881, p. 3.

LOVELOCK I=5

Some ran out. The Weekly Butte Record (Chico), 15 Jan 1881, p. 3.

OROVILLE I=F

Very distinct. The Weekly Mercury (Oroville), 14 Jan 1881, p. 3.

POWELLTON I=F

Felt. The Weekly Mercury (Oroville), 14 Jan 1881, p. 3.

TEHAMA COUNTY

RED BLUFF I=5-6

People rushed from their houses. The Bee (Sacramento), 7 Jan 1881, p. 2.

TEHAMA I=H

Heavy. The Bee (Sacramento), 7 Jan 1881, p. 2.

VINA I=S

Violent. The Bee (Sacramento), 7 Jan 1881, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1881 Feb 2  
TIME: 00:11 GMT  
LOCATION: 36.000N 120.500W PARKFIELD-CHOLAME VALLEY

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KINGS COUNTY

LEMOORE I=L

Slight. The Weekly Visalia Delta, 4 Feb 1881, p. 2.

MONTEREY COUNTY

IMUSDALE I=8

Several chimneys, an adobe store room, and one end of an adobe barn knocked down. The Salinas City Index, 10 Feb 1881, p. 3.

SALINAS I=F

Felt. The Salinas City Index, 3 Feb 1881, p. 3.

SAN BENITO COUNTY

HOLLISTER I=H

Heavy. The Salinas City Index, 10 Feb 1881, p. 2.

SAN LUIS OBISPO COUNTY

SAN LUIS OBISPO I=F

Felt. San Luis Obispo Tribune, 5 Feb 1881, p. 5.

SANTA CRUZ COUNTY

SANTA CRUZ I=F

Felt. Sacramento Daily Record-Union, 2 Feb 1881, p. 2.

TULARE COUNTY

VISALIA I=F

Felt. The Weekly Visalia Delta, 4 Feb 1881, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1881 Apr 10  
TIME: 10:00 GMT  
LOCATION: 37.300N 121.300W DIABLO RANGE, STANISLAUS COUNTY

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ALAMEDA COUNTY

CENTERVILLE I=F

Lively. Sacramento Daily Record-Union, 11 Apr 1881, p. 2.

HAYWARD I=5

Felt by quite a number (2:00 AM). Haywards Weekly Journal,  
16 Apr 1881, p. 3.

MISSION SAN JOSE I=S

Quite severe. Sacramento Daily Record-Union, 11 Apr 1881, p. 2.

OAKLAND I=5

Felt by many (2:00 AM). Oakland Tribune, 11 Apr 1881, p. 3.

AMADOR COUNTY

IONE I=5

Many people startled from their slumbers. Sacramento Daily  
Record-Union, 11 Apr 1881, p. 2.

EL DORADO COUNTY

GEORGETOWN I=5

Disturbed the slumbers of quite a number. Georgetown Gazette,  
15 Apr 1881, p. 4.

FRESNO COUNTY

FRESNO I=F

Felt. San Francisco Chronicle, 11 Apr 1881, p. 3.

MARIPOSA COUNTY

SNYDER'S RANCH, NEAR HITE'S COVE I=F

Felt. The Merced Star, 21 Apr 1881, p. 3.

MERCED COUNTY

CENTRAL POINT I=L?

Slight (date given as 9 Apr, 2:20 p.m.). Merced Express, 23 Apr 1881, p. 3.

MERCED I=5

People disturbed in their slumbers. Merced Express, 16 Apr 1881, p. 3.

Stopped clocks. The Merced Star, 14 Apr 1881, p. 3.

MERCED FALLS I=F

Quite a shock. Merced Express, 16 Apr 1881, p. 2.

SNELLING I=F

Lively. The Merced Star, 14 Apr 1881, p. 3.

MONO COUNTY

BODIE I=F

Distinct. Daily Free Press (Bodie), 12 Apr 1881, p. 2.

MONTEREY COUNTY

SALINAS CITY I=S

Severe. The Salinas City Index, 14 Apr 1881, p. 3.

NAPA COUNTY

NAPA I=4

Felt by light sleepers. The Napa Register, 16 Apr 1881, p. 1.

NEVADA COUNTY

NEVADA CITY I=F

Felt. Sacramento Daily Record-Union, 11 Apr 1881, p. 2.

PLACER COUNTY

AUBURN I=N

Not felt. The Placer Herald (Auburn), 16 Apr 1881, p. 5.

SACRAMENTO COUNTY

SACRAMENTO I=5

Gas hangings swayed; glasses rattled; walls shook; houses creaked.  
Sacramento Daily Record-Union, 11 Apr 1881, p. 3.

Stopped nearly all the clocks. Daily Alta California (San Francisco), 11 Apr 1881, p. 1.

SAN BENITO COUNTY

HOLLISTER I=6

Stopped clocks; cracked a few brick walls. The Pacific Coast (Hollister), 16 Apr 1881, p. 3.

SAN JUAN I=H

Heavy. San Francisco Chronicle, 11 Apr 1881, p. 3.

TRES PINOS I=H

Heavy. San Francisco Chronicle, 11 Apr 1881, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=F

Lively. The Daily Examiner (San Francisco), 10 Apr 1881, p. 3.

SAN JOAQUIN COUNTY

LATHROP I=S

Very severe. Sacramento Daily Record-Union, 11 Apr 1881, p. 2.

STOCKTON I=6

Ceilings in several houses badly cracked; crockery thrown from shelves; chimneys toppled from lamps. Stockton Daily Independent, 11 Apr 1881, p. 3.

SAN MATEO COUNTY

HALF MOON BAY I=L

Slight. Times-Gazette (Redwood City), 16 Apr 1881, p. 3.

PESCADERO I=6

General waking of people. Times-Gazette (Redwood City), 16 Apr 1881, p. 3.

"No damage is reported beyond that of the shaking (off) of some plastering in one or two houses ..." San Mateo County Journal (Redwood City), 14 Apr 1881, p. 3.

REDWOOD CITY I=F

Lively. Times-Gazette (Redwood City), 16 Apr 1881, p. 3.

SAN MATEO I=4-5

Some alarm. Times-Gazette (Redwood City), 16 Apr 1881, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=H

Heavy. Daily Mercury (San Jose), 10 Apr 1881, p. 3.

SANTA CRUZ COUNTY

SANTA CRUZ I=S

Severe. The Santa Cruz Sentinel, 16 Apr 1881, p. 3.

WATSONVILLE I=5

Awoke several people. The Santa Cruz Sentinel, 16 Apr 1881, p. 3.

SONOMA COUNTY

PETALUMA I=F

Scarcely felt. The Petaluma Courier, 13 Apr 1881, p. 2.

STANISLAUS COUNTY

MODESTO I=6

Stopped clocks; several two story brick buildings more or less cracked. Stanislaus County Weekly News (Modesto), 15 Apr 1881, p. 3.

TULARE COUNTY

VISALIA I=2-3

Hardly perceptible to the majority of people in town. The Weekly Visalia Delta, 15 Apr 1881, p. 3.

TUOLUMNE COUNTY

SONORA I=5

Felt by many (2:00). Tuolumne Independent (Sonora), 16 Apr 1881, p. 5. /

YUBA COUNTY

MARYSVILLE I=2

Felt by a few. Marysville Weekly Appeal, 15 Apr 1881, p. 3.

COUNTY UNKNOWN

GREENVILLE I=F

Felt (there are Greenvilles in Placer, Yuba, and Alameda counties; which one the article refers to cannot be determined). Petaluma Weekly Argus, 15 Apr 1881, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1882 Mar 6  
TIME: 21:45 GMT  
LOCATION: 36.700N 121.200W EAST OF MONTEREY BAY

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FRESNO COUNTY

FRESNO I=F

Distinct. The Fresno Weekly Expositor, 8 Mar 1882, p. 3.

KINGS COUNTY

HANFORD I=3

Felt by some. The Mussel Slough Delta (Hanford), 10 Mar 1882,  
p. 4.

LEMOORE I=4

Crockery badly shaken; lamps swayed. The Mussel Slough Delta  
(Hanford), 10 Mar 1882, p. 3.

MERCED COUNTY

MERCED I=5-6

Loose objects shifted; slight panic. Merced Express, 11 Mar  
1882, p. 3.

A few plastered ceilings damaged. The Merced Star, 9 Mar 1882,  
p. 3.

MONTEREY COUNTY

MONTEREY I=S

Severe. Sacramento Daily Record-Union, 7 Mar 1882, p. 3.

SALINAS I=6

Broke a few panes of glass. The Daily Examiner (San Francisco),  
7 Mar 1882, p. 3.

SAN BENITO COUNTY

HOLLISTER I=5-6

Stopped clocks; broke crockery. The San Benito Advance (Hollister),  
10 Mar 1882, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=L

Slight. Daily Alta California (San Francisco), 7 Mar 1882, p. 3.

SAN JOAQUIN COUNTY

CHARLESTON I=5-6

Students ran out. Valley Record (Gilroy), 11 Mar 1882, p. 3.

SAN LUIS OBISPO COUNTY

SAN LUIS OBISPO I=L

Slight but distinct. San Luis Obispo Tribune, 11 Mar 1882, p. 1.

SAN MATEO COUNTY

PESCADERO I=L

Slight. Times and Gazette (Redwood City), 11 Mar 1882, p. 3.

SANTA CLARA COUNTY

GILROY I=S

As heavy as any felt for many years. Gilroy Advocate, 11 Mar  
1882, p. 5.

Severe. Valley Record (Gilroy), 11 Mar 1882, p. 3.

SAN JOSE I=L

Slight. Daily Mercury (San Jose), 7 Mar 1882, p. 3.

#### SANTA CRUZ COUNTY

SANTA CRUZ I=4-5

Heavy and protracted; some people scared. The Santa Cruz Sentinel, 11 Mar 1882, p. 3.

WATSONVILLE I=S

Quite severe. Sacramento Daily Record-Union, 7 Mar 1882, p. 3.

Slight. The Pajaronian (Watsonville), 9 Mar 1882, p. 3.

#### STANISLAUS COUNTY

MODESTO I=3

Felt by some people, more visible to those in two story buildings. Stanislaus County News (Modesto), 10 Mar 1882, p. 3.

#### TULARE COUNTY

VISALIA I=L

Slight. The Mussel Slough Delta, 10 Mar 1882, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1883 Mar 30  
TIME: 15:45 GMT  
LOCATION: 36.900N 121.600W EAST OF MONTEREY BAY

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ALAMEDA COUNTY

ALAMEDA I=F

Felt. Alameda Encinal, 4 Apr 1883, p. 3.

CENTERVILLE I=F

Distinct. Oakland Daily Evening Tribune, 30 Mar 1883, p. 3.

MISSION SAN JOSE I=F

Sharp. Oakland Daily Evening Tribune, 30 Mar 1883, p. 3.

OAKLAND I=L

Felt. The Alameda Weekly News (Oakland), 5 Apr 1883, p. 3.

Slight. Oakland Daily Evening Tribune, 5 Apr 1883, p. 3.

CONTRA COSTA COUNTY

MARTINEZ I=F

Distinct. The Morning Call (San Francisco), 31 Mar 1883, p. 1.

MERCED COUNTY

MERCED I=L

Slight. The Daily Examiner (San Francisco), 31 Mar 1883, p. 1.

MONTEREY COUNTY

MONTEREY I=H

Heavy. San Francisco Chronicle, 31 Mar 1883, p. 3.

SALINAS I=5-6

Articles thrown from shelves. Daily Alta California (San Francisco), 31 Mar 1883, p. 1.

NAPA COUNTY

NAPA I=3

Felt by a number. Napa County Reporter, 6 Apr 1883, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=F

Distinctly heard. Sacramento Daily Record-Union, 31 Mar 1883, p. 3.

SAN BENITO COUNTY

HOLLISTER I=6

Plastering was loosened and fell in all brick buildings; crockery and glassware broken; windows broken in two buildings. Daily Mercury (San Jose), 1 Apr 1883, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=6?

Distinct. Daily Alta California (San Francisco), 31 Mar 1883, p. 1.

Sharp; startled people in many households. The Morning Call (San Francisco), 31 Mar 1883, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=2

Felt by at least one person. The Stockton Daily Independent,  
2 Apr 1883, p. 3.

SAN LUIS OBISPO COUNTY

CAYUCOS I=2

Felt by one person. San Luis Obispo Tribune, 6 Apr 1883, p. 5.

SAN LUIS OBISPO I=F

Distinct. The Morning Call (San Francisco), 31 Mar 1883, p. 1.

Not felt. San Luis Obispo Tribune, 6 Apr 1883, p. 7.

SAN MATEO COUNTY

PESCADERO I=F

Sharp. Times and Gazette (Redwood City), 7 Apr 1883, p. 3.

REDWOOD CITY I=F

Felt. Times and Gazette (Redwood City), 31 Mar 1883, p. 3.

SPANISHTOWN I=F

Distinct. Daily Alta California (San Francisco), 31 Mar 1883,  
p. 1.

SANTA CLARA COUNTY

MRS. ANGNEY'S RESIDENCE ON THE UVAS I=7

Chimney thrown down. Gilroy Advocate, 31 Mar 1883, p. 5.

GILROY I=6?

A little glassware broken; a few walls cracked. Gilroy Advocate,  
31 Mar 1883, p. 5.

OLD GILROY I=7

One or two chimneys fell. Gilroy Advocate, 31 Mar 1883, p. 5.

SAN JOSE I=F

Mild. Daily Mercury (San Jose), 31 Mar 1883, p. 3.

SARGENTS I=7

Chimney thrown down. Gilroy Advocate, 31 Mar 1883, p. 5.

#### SANTA CRUZ COUNTY

SANTA CRUZ I=F

It brought everybody out of the houses into the street. San Francisco Chronicle, 31 Mar 1883, p. 3.

WATSONVILLE I=6

Knocked off considerable plastering; broke some crockery. Oakland Daily Evening Tribune, 30 Mar 1883, p. 3.

#### SOLANO COUNTY

BENICIA I=F

Plainly felt. Solano Republican (Suisun), 6 Apr 1883, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1883 Sep 5  
TIME: 12:30 GMT  
LOCATION: 34.500N 120.000W SANTA BARBARA COUNTY

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KERN COUNTY

OIL CENTER I=H

Quite heavy. The Ventura Free Press, 8 Sept 1883, p. 3.

LOS ANGELES COUNTY

LOS ANGELES I=4-5

Some people excited. The San Diego Union, 7 Sept 1883, p. 1.

POMCNA I=L

Slight. Pomona Weekly Times, 8 Sept 1883, p. 3.

WILMINGTON I=F

Quite sharp. The San Diego Union, 7 Sept 1883, p. 1.

RIVERSIDE COUNTY

RIVERSIDE I=F?

Felt (date given as Thursday, 6 Sept). Press and Horticulturist  
(Riverside), 8 Sept 1883, p. 3.

SAN LUIS OBISPO COUNTY

CAYUCOS I=5

Buildings perceptibly shaken; people aroused from their sleep.

Daily Tribune (San Luis Obispo), 6 Sept 1883, p. 1.

SAN LUIS OBISPO I=3-4

Felt by several. Daily Tribune (San Luis Obispo), 5 Sept 1883, p. 3.

SANTA BARBARA COUNTY

CARPINTERIA I=F

Felt. Santa Barbara Daily Press, 6 Sept 1883, p. 3.

DR. FINCH'S PLACE ON THE HILLS ABOVE MONTECITO I=F

Felt. Santa Barbara Daily Press, 6 Sept 1883, p. 3.

GOLETA I=L

Hardly noticed. Daily Independent (Santa Barbara), 5 Sept 1883, p. 4.

HOT SPRINGS I=L

Light. Santa Barbara Daily Press. 6 Sept 1883, p. 3.

LOMPOC I=F

Felt. Santa Barbara Daily Press, 6 Sept 1883, p. 3.

LOS ALAMOS I=5-6

Upset bottles in the drug store and saloon; awoke a few people. Daily Tribune (San Luis Obispo), 6 Sept 1883, p. 3.

UPPER END OF THE MONTECITO VALLEY I=5

Violent enough to throw a person out of bed. Daily Independent (Santa Barbara), 5 Sept 1883, p. 4.

SANTA BARBARA I=6

Plastering cracked and fell in a building; stopped clocks. Daily Independent (Santa Barbara), 5 Sept 1883, p. 4.

VENTURA COUNTY

SPRINGVILLE I=F

Hard. The Ventura Free Press, 8 Sept 1883, p. 3.

VENTURA I=F

Lively. The Ventura Free Press, 8 Sept 1883, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1884 Jan 28  
TIME: 07:30 GMT  
LOCATION: 41.000N 123.500W HUMBOLDT COUNTY

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HUMBOLDT COUNTY

CAPE MENDOCINO I=F

Felt. Holden (1898), p. 109.

EUREKA I=S

Heaviest for some time. Humboldt Standard (Eureka), 28 Jan 1884,  
p. 3.

Severe. The Daily Times-Telephone, 29 Jan 1884, p. 3.

FERNDALE I=S

Quite severe. The Ferndale Enterprise, 2 Feb 1884, p. 5.

HYDESVILLE I=F

Felt. Holden (1898), p. 109.

SISKIYOU COUNTY

FORT JONES I=5

Felt by quite a number (11:30 PM). Weekly Scott Valley News (Fort  
Jones), 2 Feb 1884, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1884 Mar 26  
TIME: 00:40 GMT  
LOCATION: 37.000N 122.200W MONTEREY BAY AREA

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ALAMEDA COUNTY

BERKELEY I=F

VI RF. Holden (1898), p. 109.

CENTERVILLE I=F

Light shock followed by a heavier one. Sacramento Daily Record-Union, 26 Mar 1884, p. 1.

MISSION SAN JOSE I=H

Heavy. Sacramento Daily Record-Union, 26 Mar 1884, p. 1.

OAKLAND I=5-6

Sharp. The Oakland Daily Times, 26 Mar 1884, p. 3.

Pictures banged against the walls; crockery rattled off shelves. San Francisco Chronicle, 26 Mar 1884, p. 3.

MARIN COUNTY

SAN RAFAEL I=F

Sharp. Marin County Journal (San Rafael), 27 Mar 1884, p. 3.

MONTEREY COUNTY

MONTEREY I=6

Caused a general rush for the street. The Daily Examiner (San Francisco), 26 Mar 1884, p. 1.

SALINAS I=F

Sharp. Salinas Weekly Index, 27 Mar 1884, p. 3.

#### NAPA COUNTY

NAPA I=3

Felt by several. Napa County Reporter, 28 Mar 1884, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Many people fled from their houses. Daily Alta California (San Francisco), 26 Mar 1884, p. 5.

Some brick walls cracked; plastering seamed. The Morning Call (San Francisco), 26 Mar 1884, p. 4.

Cracks in the Hawley Brothers building caused by settling, not the earthquake. The Morning Call (San Francisco), 27 Mar 1884, Supp.

#### SAN JOAQUIN COUNTY

STOCKTON I=L

Slight. The Stockton Mail, 26 Mar 1884, p. 3.

#### SAN MATEO COUNTY

PESCADERO I=S

Quite severe; startled some; no damage. Times and Gazette (Redwood City), 29 Mar 1884, p. 3.

REDWOOD CITY I=F

Lively. Times and Gazette (Redwood City), 29 Mar 1884, p. 3.

SPANISHTOWN (HALF MOON BAY) I=S

Severe. Daily Alta California (San Francisco), 26 Mar 1884, p. 1.

Heavy. Times and Gazette (Redwood City), 29 Mar 1884, p. 3.

SANTA CLARA COUNTY

GILROY I=5-6

Severe; brought people from their houses. Sacramento Daily Record-Union, 26 Mar 1884, p. 1.

SAN JOSE I=F

Quite lively. Daily Mercury (San Jose), 26 Mar 1883, p. 3.

SANTA CRUZ COUNTY

SANTA CRUZ I=6

Walls cracked; window panes broken; plaster fell. Santa Cruz Sentinel, 29 Mar 1884, p. 3.

SONOMA COUNTY

CLOVERDALE I=N

Not felt. Cloverdale Reveille, 29 Mar 1884, p. 2.

PETALUMA I=4-5

Felt by many. Sacramento Daily Record-Union, 26 Mar 1884, p. 1.

SANTA ROSA I=F

Felt. Sonoma Democrat (Santa Rosa), 29 Mar 1884, p. 3.

STANISLAUS COUNTY

MODESTO I=L

Slight. Stanislaus County Weekly News (Modesto), 28 Mar 1884,  
p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1884 Jun 6  
TIME: 09:00 GMT  
LOCATION: 40.300N 122.300W NORTHERN SACRAMENTO VALLEY

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SHASTA COUNTY

ANDERSON I=F

Sharp (time given as 3:00 a.m.). Sacramento Daily Record-Union,  
7 June 1884, p. 1.

TEHAMA COUNTY

RED BLUFF I=5

Awoke many people. Weekly People's Cause (Red Bluff), 7 June  
1884, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1885 Jan 31

TIME: 05:45 GMT

LOCATION: 40.400N 120.500W HONEY LAKE AREA, LASSEN COUNTY

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BUTTE COUNTY

CHICO I=5

Felt by those who were awake; cracked plaster in a few buildings.  
The Weekly Butte Record (Chico), 7 Feb 1885, p. 1.

FALL RIVER HOUSE I=4-5

Quite severe; caused much excitement. The Weekly Mercury (Oroville), 13 Feb 1885.

OROVILLE I=5

Some windows and dishes rattled; woke at least one person; a dish knocked down. The Weekly Mercury (Oroville), 6 Feb 1885, p. 3.

COLUSA COUNTY

COLUSA I=S

Quite severe. The Weekly Colusa Sun, 7 Feb 1885, p. 3.

LASSEN COUNTY

BIEBER I=5+

Lively; "...no damage of any serious character..." The Mountain Tribune (Bieber), 7 Feb 1885, p. 3.

BUNTINGVILLE I=7

Bricks knocked from several chimneys; one chimney cracked. The Mountain Tribune (Bieber), 7 Feb 1885, p. 3.

HONEY LAKE VALLEY I=7

Many chimneys shaken down; broke window glass, crockery, and furniture. Sacramento Daily Record-Union, 12 Feb 1885, p. 2.

JANESVILLE I=6

General panic; people ran out. Lassen Advocate (Susanville), 5 Feb 1885, p. 3.

More severe than Susanville. Sacramento Daily Record-Union, 12 Feb 1885, p. 2.

LONG VALLEY I=F

Horrid. Lassen Advocate (Susanville), 5 Feb 1885, p. 3.

MILFORD I=F

Felt. Lassen Advocate (Susanville), 12 Feb 1885, p. 3.

SUSANVILLE I=7

Chimney thrown down; part of another knocked off. Lassen Advocate (Susanville), 5 Feb 1885, p. 3.

WILLOW CREEK I=H

Hardest ever heard of. Lassen Advocate (Susanville), 12 Feb 1885, p. 3.

MODOC COUNTY

ALTURAS I=L

Slight. The Modoc Independent (Alturas), 5 Feb 1885, p. 3.

NEVADA COUNTY

GRASS VALLEY I=H

Heavy. The Daily Bee (Sacramento), 31 Jan 1885, p. 8.

NEVADA CITY I=3

Felt by a number. Nevada Daily Transcript, 1 Feb 1885, p. 3.

TRUCKEE I=F

Felt very plainly. The Truckee Republican, 31 Jan 1885, p. 3.

#### PLACER COUNTY

ALTA I=6+?

Possibly broke a ditch. The Daily Bee (Sacramento), 31 Jan 1885, p. 5.

#### PLUMAS COUNTY

GREENVILLE I=5

Lamps swung; pictures moved on the walls. Greenville Bulletin, 4 Feb 1885, p. 3.

TAYLORVILLE I=S

Violent. Greenville Bulletin, 4 Feb 1885, p. 3.

#### SACRAMENTO COUNTY

SACRAMENTO I=2-3

Felt most by people in upper stories; not felt by many. The Daily Bee (Sacramento), 31 Jan 1885, p. 5.

#### SHASTA COUNTY

BURGETTVILLE I=4-5

People terribly shocked. The Mountain Tribune (Bieber), 7 Feb 1885, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=5

Shook doors and windows; created general consternation (1:45 AM).  
Mountain Messenger (Downieville), 7 Feb 1885, p. 3.

SUTTER COUNTY

YUBA CITY I=4

Windows rattled. The Sutter County Farmer (Yuba City), 6 Feb 1885, p. 3.

YOLO COUNTY

WOODLAND I=F

Felt. The Daily Bee (Sacramento), 31 Jan 1885, p. 5.

YUBA COUNTY

MARYSVILLE I=L

Slight. The Daily Examiner (San Francisco), 1 Feb 1885, p. 8.

STATE OF NEVADA

CARSON CITY I=L

Slight. Morning Appeal (Carson City), 31 Jan 1885, p. 2.

RENO I=4

Chandelier swayed. Daily Nevada State Journal, 1 Feb 1885, p. 3.

Noticed by quite a number of people. Reno Evening Gazette, 31 Jan 1885, p. 3.

VIRGINIA CITY I=5-6

Severe. Daily Territorial Enterprise (Virginia City), 31 Jan 1885, p. 3.

Lamps damaged; people thrown from bed. Daily Territorial Enterprise (Virginia City), 1 Feb 1885, p. 3.

Felt by some. Virginia Evening Chronicle, 2 Feb 1885, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1885 Mar 31  
TIME: 07:56 GMT  
LOCATION: 36.700N 121.000W CENTRAL COAST RANGES

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MARIN COUNTY

SAN RAFAEL I=F

Felt. Holden, 1898, p. 112.

MONTEREY COUNTY

MONTEREY I=F

Sharp. San Francisco Chronicle, 1 Apr 1885, p. 3.

SALINAS I=5

Heaviest since 1868; no damage. Salinas Weekly Index, 2 Apr 1885, p. 3.

Stopped clocks. Daily Alta California (San Francisco), 1 Apr 1885, p. 5.

"...the town was awakened..." San Francisco Chronicle, 1 Apr 1885, p. 3.

SAN BENITO COUNTY

HOLLISTER I=6

Some rushed into the streets; some plastering fell; a few cracks were made in brick buildings. Daily Alta California (San Francisco), 1 Apr 1885, p. 5.

MULBERRY I=7

Chimneys thrown down. Townley and Allen, 1939, p. 68.

MOUTH OF THE SAN BENITO RIVER I=6+

"...opened the ground in several places...to a depth of a number of feet..." Sacramento Daily Record- Union, 6 Apr 1885, p. 4.

SANTA CLARA COUNTY

SAN JOSE I=L

Slight. Daily Alta California (San Francisco), 1 Apr 1885, p. 5.

Distinct. The Daily Examiner (San Francisco), 31 Mar 1885, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1885 Apr 2  
TIME: 15:25 GMT  
LOCATION: 36.500N 120.700W CENTRAL COAST RANGES

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AMADOR COUNTY

IONE I=F

Felt. Townley and Allen (1939), p. 69.

FRESNO COUNTY

FRESNO I=F

Sharp. San Francisco Chronicle, 3 Apr 1885, p. 3.

MERCED COUNTY

MERCED I=4-5

Felt. San Joaquin Valley Argus (Merced), 4 Apr 1872, p. 3.

No damage; frightened those in brick buildings. San Francisco Chronicle, 3 Apr 1885, p. 3.

MONTEREY COUNTY

MONTEREY I=F

Smart shock. San Francisco Chronicle, 3 Apr 1885, p. 3.

SALINAS I=5

Windows rattled; "gas hangings swung to and fro"; no damage. Salinas Weekly Index, 2 Apr 1885, p. 3.

More severe than that of the 31st; several large window lights

broke; some ran outside. San Francisco Chronicle, 2 Apr 1885, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=3

Strong. Sacramento Daily Record-Union, 3 Apr 1885, p. 3.

"...felt in the second story of most houses and on the lower floors of some of the wholesale houses. The Daily Bee (Sacramento), 2 Apr 1885, p. 3.

SAN JOAQUIN COUNTY

STOCKTON I=2-3

Slight; did not attract general notice. The Stockton Daily Independent, 3 Apr 1885, p. 3.

SAN LUIS OBISPO COUNTY

CAMBRIA I=F

Felt. Townley and Allen (1939), p. 69.

SANTA CRUZ COUNTY

SANTA CRUZ I=5

Bells rang; crockery rattled. Santa Cruz Daily Sentinel, 3 Apr 1885, p. 3.

STANISLAUS COUNTY

OAKDALE I=H

Heavy. The Tuolumne Independent (Sonora), 11 Apr 1885, p. 4.

TULARE COUNTY

VISALIA I=L

Slight. Tulare County Times (Visalia), 2 Apr 1885, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1885 Apr 12  
TIME: 04:05 GMT  
LOCATION: 36.500N 120.500W CENTRAL COAST RANGES

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AMADOR COUNTY

IONE I=F

"Quite an earthquake shock." Sacramento Daily Record-Union,  
13 Apr 1885, p. 1.

CALAVERAS COUNTY

VALLEY SPRING I=5?

"...of sufficient force to prostrate two young ladies..." The  
Calaveras Chronicle (Mokelumne Hill), 18 Apr 1885, p. 3.

FRESNO COUNTY

FRESNO I=5

Severe, some ran outside. The Kern County Californian (Bakers-  
field), 18 Apr 1885, p. 3.

SELMA I=4

Sharp; dishes and pictures rattled. The Weekly Visalia Delta,  
16 Apr 1885, p. 3.

INYO COUNTY

KEELER I=3

III R.F. Holden, 1898, p. 113.

KERN COUNTY

BAKERSFIELD I=L

Slight. The Kern County Californian (Bakersfield), 18 Apr 1885, p. 3.

KINGS COUNTY

GRANGEVILLE I=5-6

Heavy; considerable alarm; people rushed out of the church; no damage. The Weekly Visalia Delta, 16 Apr 1885, p. 3.

HANFORD I=4

Heavy; startled some. Tulare County Times (Visalia), 16 Apr 1885, p. 3.

Bottles and crockery rattled. The Weekly Visalia Delta, 16 Apr 1885, p. 3.

LEMORE I=S

Severe. The Weekly Visalia Delta, 16 Apr 1885, p. 3.

MARIN COUNTY

SAN RAFAEL I=3

III R.F. Holden, 1898, p. 113.

MARIPOSA COUNTY

GRANT'S SPRINGS I=H

Heavy. Mariposa Gazette, 18 Apr 1885, p. 3.

MARIPOSA I=4

Felt by nearly everyone. Mariposa Gazette, 18 Apr 1885, p. 3.

YOSEMITE VALLEY I=S

"Very liberal shaking"; "most severe since that of March, 1872."  
Sacramento Daily Record-Union, 21 Apr 1885, p. 1.

MERCED COUNTY

MERCED I=6

Felt. San Joaquin Valley Argus (Merced), 18 Apr 1885, p. 3.

Many ran out of brick buildings; no damage; clock stopped.  
San Francisco Chronicle, 12 Apr 1885, p. 8.

MONTEREY COUNTY

MONTEREY I=6?

"Heaviest since 1868"; preceded by a rumbling noise which resembled that made by a runaway wagon; "Little damage was done further than enlarging cracks...of adobe buildings". Sacramento Daily Record-Union, 13 Apr 1885, p. 1.

OAK FLAT I=F

"Such a shaking." San Luis Obispo Tribune, 1 May 1885, p. 1.

SALINAS I=5-6

"...heaviest...for several years past..."; "No serious damage..."  
Salinas Weekly Index, 18 Apr 1885, p. 3.

Heaviest ever; people ran out; buildings swayed; walls heard to crack; no damage. The Daily Examiner (San Francisco), 12 Apr 1885, p. 8.

SACRAMENTO COUNTY

GALT I=L

Slight. The Weekly Galt Gazette, 18 Apr 1885, p. 3.

SACRAMENTO I=2-3

"Quite a shaking"; not felt by very many; especially felt in higher stories. The Daily Bee (Sacramento), 13 Apr 1885, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=F

"Not sharp"; "visibly felt". The Morning Call (San Francisco), 12 Apr 1885, p. 5.

SAN JOAQUIN COUNTY

STOCKTON I=4

Slight; not generally felt. The Mail (Stockton), 13 Apr 1885, p. 3.

Nrt felt by many on the streets; little motion was felt on first floors; frightened some on upper floors; tables and lamps shaken violently. Stockton Daily Independent, 12 Apr 1885, p. 3.

SAN LUIS OBISPO COUNTY

CAMBRIA I=5

No serious damage except for stopping clocks. The Daily Republic (San Luis Obispo), 16 Apr 1885, p. 3.

CAYUCOS I=F

Quite a shaking. San Luis Obispo Tribune, 17 Apr 1885, p. 1.

LAS TABLAS I=7

Chimneys down. San Luis Obispo Tribune, 24 Apr 1885, p. 1.

SAN LUIS OBISPO I=4-5

Startled people; not felt by many; no damage. San Luis Obispo Tribune, 17 Apr 1885, p. 5.

"Terrible rattling of windows and doors." The Daily Republic (San Luis Obispo), 14 Apr 1885, p. 3.

Buildings swayed considerably. San Luis Obispo Mirror, 16 Apr 1885, p. 3.

"Several brick buildings were considerably shaken up and the occupants were scared." The Daily Examiner (San Francisco), 13 Apr 1885, p. 1.

SAN MATEO COUNTY

PESCADERO I=F?

"...three (earthquakes)...within a week past." The Times and Gazette (Redwood City), 18 Apr 1885, p. 3.

SANTA BARBARA COUNTY

LOS ALAMOS I=L

Light. Santa Barbara Daily Press, 15 Apr 1885, p. 3.

SANTA MARIA I=S

Severe. Santa Maria Times, 18 Apr 1885, p. 3.

SANTA BARBARA I=H

"Plainly perceptible." Santa Barbara Daily Press, 13 Apr 1885, p. 3.

Quite heavy. The Daily Examiner (San Francisco), 13 Apr 1885, p. 1.

SANTA CLARA COUNTY

SAN JOSE I=H

Heavy. San Jose Daily Herald, 13 Apr 1885, p. 3.

"Distinct but mild." Daily Mercury and Times (San Jose), 12 Apr 1885, p. 3.

SANTA CRUZ COUNTY

SANTA CRUZ I=6?

Violent; many ran out; chandeliers shook. "Some who were asleep

were aroused...A lady on one of the avenues fainted..." Santa Cruz Daily Sentinel, 14 Apr 1885, p. 3.

TULARE COUNTY

TULARE I=S

Severe. The Weekly Visalia Delta, 16 Apr 1885, p. 3.

VISALIA I=S

Severe; heaviest since that of 1872. Tulare County Times (Visalia), 16 Apr 1885, p. 3.

TUOLUMNE COUNTY

SONORA I=4

"...felt at several places in town, shaking lamps and rattling iron doors." The Tuolumne Independent (Sonora), 18 Apr 1885, p. 5.

SOULSBYVILLE I=F

Felt. The Tuolumne Independent (Sonora), 18 Apr 1885, p. 4.

VENTURA COUNTY

VENTURA I=F

Felt. Townley and Allen, 1939, p. 69.

YUBA COUNTY

MARYSVILLE I=L

Slight. Sacramento Daily Record-Union, 13 Apr 1885, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1885 Aug 1  
TIME: 00:10 GMT  
LOCATION: 38.800N 123.000W CLOVERDALE, SONOMA COUNTY

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SONOMA COUNTY

CLOVERDALE I=5-6 4

Walls in several houses were cracked. San Francisco Chronicle,  
1 Aug 1885, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1887 Jun 3  
TIME: 10:50 GMT  
LOCATION: 39.100N 119.800W CARSON CITY AREA, WESTERN NEVADA

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ALPINE COUNTY

MARKLEEVILLE I=S

Severe. Daily Alta California (San Francisco), 5 June 1887, p. 5.

AMADOR COUNTY

AMADOR I=4

Windows rattled. Virginia Evening Chronicle, 7 June 1887, p. 3.

IONE I=4-5

Heavy; "the people were much excited". Daily Evening Bulletin  
(San Francisco), 3 June 1887, p. 3.

JACKSON I=H

Quite heavy. The Amador Dispatch (Jackson), 4 June 1887, p. 3.

OLETA I=5-6

Shook dishes off shelves in some houses. The Amador Dispatch  
(Jackson), 4 June 1887, p. 3.

PLYMOUTH I=4

Glassware jingled. The Daily Examiner (San Francisco), 4 June  
1887, p. 2.

BUTTE COUNTY

CHEROKEE I=F

Felt. San Francisco Chronicle, 4 June 1887, p. 8.

CHICO I=4

Most severe ever felt; no clocks stopped. Weekly Butte Record (Chico), 11 June 1887, p. 1.

Rattled windows. Daily Evening Bulletin (San Francisco), 3 June

OROVILLE I=5

Quite severe. Weekly Butte Record (Chico), 11 June 1887, p. 1.

Awoke a good many sleepers; not felt by many. The Morning Call (San Francisco), 4 June 1887, p. 8.

CALAVERAS COUNTY

MILTON I=5

Aroused people from their sleep. The Daily Examiner (San Francisco), 4 June 1887, p. 2.

MOKELUMNE HILL I=6+

Awoke people; started a spring. The Calaveras Chronicle (Mokelumne Hill), 4 June 1887, p. 3.

MURPHY'S I=H

Heavy. Daily Evening Bulletin (San Francisco), 3 June 1887, p. 3.

COLUSA COUNTY

ARBUCKLE I=5

Woke up most everybody. The Daily Examiner (San Francisco), 4 June 1887, p. 2.

COLUSA I=4

Shook up china closets, chandeliers, etc. The Weekly Colusa Sun,  
4 June 1887, p. 3.

GERMANTOWN I=H

Quite heavy. The Daily Bee (Sacramento), 3 June 1887, p. 3.

GRIMES LANDING I=4

Doors, windows, etc. rattled. Oakland Daily Evening Tribune,  
3 June 1887, p. 3.

CONTRA COSTA COUNTY

ANTIOCH I=S

Severe. The Daily Examiner (San Francisco), 4 June 1887, p. 2.

EL DORADO COUNTY

COLOMA I=6

In some cases, plastering loosened from the walls. The Daily Examiner (San Francisco), 4 June 1887, p. 2.

GEORGETOWN I=6

Many people awakened; plaster ceilings cracked; a few items on shelves in the stores tipped over; a few bricks knocked from a chimney. Georgetown Gazette, 4 June 1887, p. 2.

PLACERVILLE I=6

People awakened; windows and crockery-ware rattled; clocks stopped; plastering knocked from brick buildings. The Mountain Democrat (Placerville), 4 June 1887, p. 3.

GLENN COUNTY

ORLAND I=5

Stopped a number of clocks. The Daily Examiner (San Francisco),  
4 June 1887, p. 3.

#### LASSEN COUNTY

LONG VALLEY I=F

Quite a shock. Lassen Advocate (Susanville), 9 June 1887, p. 3.

SUSANVILLE I=S

Severe. Lassen Advocate (Susanville), 9 June 1887, p. 3.

#### MARIPOSA COUNTY

YOSEMITE VALLEY I=5

Felt severely. Oakland Daily Evening Tribune, 3 June 1887.

Awoke most. Sacramento Daily Record-Union, 4 June 1887, p. 8.

#### MERCED COUNTY

SNELLING I=S

Quite severe. The Merced Star, 9 June 1887, p. 3.

#### MONO COUNTY

MONO COUNTY I=H

Very heavy. Foothill Weekly Tidings (Grass Valley), 10 June  
1887, p. 1.

#### NAPA COUNTY

CALISTOGA I=F

Felt. Virginia Evening Chronicle, 7 June 1887, p. 3.

#### NEVADA COUNTY

GRASS VALLEY I=5-6

Some crockery thrown from shelves in a store; some clocks stopped. Foothill Weekly Tidings (Grass Valley) 10 June 1887, p. 1.

INDIAN SPRINGS I=N

Not felt. The Daily Transcript (Nevada City), 4 June 1887, p. 3.

NEVADA CITY I=5

Awoke people; rattled windows. The Daily Transcript (Nevada City), 4 June 1887, p. 3.

NORTH SAN JUAN I=H

Heaviest known. Daily Evening Bulletin (San Francisco), 3 June 1887, p. 3.

PENN VALLEY I=S

As severe as Grass Valley. Grass Valley Daily Union, 4 June 1887, p. 3.

PLEASANT VALLEY I=6?

Frame work of a barn being built shaken down. The Daily Transcript (Nevada City), 5 June 1887, p. 3.

TRUCKEE I=6

A few brick buildings cracked; most clocks stopped. Marysville Daily Appeal, 4 June 1887, p. 3.

WASHINGTON I=F

About the same as Nevada City. The Daily Transcript (Nevada City), 4 June 1887, p. 3.

YOU BET I=5

Awoke all the hands at the mill. The Daily Transcript (Nevada

City), 4 June 1887, p. 3.

PLACER COUNTY

AUBURN I=5

Awoke many people. The Placer Argus (Auburn), 4 June 1887, p. 3.

BLUE CANYON I=7

Threw down a chimney. Reno Evening Gazette, 4 June 1887, p. 2.

COLFAX I=H

Heavy. Virginia Evening Chronicle, 7 June 1887, p. 3.

DUTCH FLAT I=6?

People awakened. The Placer Herald (Auburn), 11 June 1887, p. 5.

Some damage; frightened everyone. The Morning Call (San Francisco), 4 June 1887, p. 8.

FOREST HILL I=4-5

Shook the houses considerably. The Placer Herald (Auburn), 18 June 1887, p. 5.

Heavy. Daily Evening Bulletin (San Francisco), 3 June 1887, p. 3.

IOWA HILL I=4-5

Created quite a sensation. The Placer Herald (Auburn), 11 June 1887, p. 5.

LINCOLN I=4-5

Windows and crockery shaken. The Daily Bee (Sacramento), 3 June 1887, p. 3.

MEADOW LAKE I=S

Violent. Sacramento Daily Record-Union, 3 June 1887, p. 3.

MICHIGAN BLUFF I=4-5

Caused some commotion. The Placer Argus (Auburn), 4 June 1887, p. 3.

SODA SPRINGS I=6+

Springs increased flow. Sacramento Daily Record-Union, 3 June 1887, p. 3.

SUMMIT I=H

Very heavy. Sacramento Daily Record-Union, 4 June 1887, p. 5.

#### SACRAMENTO COUNTY

CLAY STATION I=F

Sharp. The Daily Bee (Sacramento), 3 June 1887, p. 3.

GALT I=5

Stopped clocks. The Weekly Galt Gazette, 4 June 1887, p. 3.

SACRAMENTO I=5

Awoke all but a few. The Daily Bee (Sacramento), 3 June 1887, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=L

Light. Foothill Weekly Tidings (Grass Valley), 10 June 1887, p. 1.

Not felt. Grass Valley Daily Union, 5 June 1887, p. 3.

#### SAN JOAQUIN COUNTY

STOCKTON I=5

Awoke most sleepers. The Mail (Stockton), 3 June 1887, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=F

Not much of a shake. The Mountain Messenger (Downieville),  
4 June 1887, p. 3.

SIERRA CITY I=6

Awoke everybody; rang the town bell. San Francisco Chronicle,  
4 June 1887, p. 8.

SOLANO COUNTY

DIXON I=5

"...disturbed the slumbers of Dixonites..." The Daily Examiner  
(San Francisco), 4 June 1887, p. 2.

SONOMA COUNTY

SANTA ROSA I=N

Not felt. Daily Republican (Santa Rosa), 4 June 1887, p. 3.

STANISLAUS COUNTY

MODESTO I=4-5

Awoke several people. Daily Evening News (Modesto), 3 June 1887,  
p. 1.

SUTTER COUNTY

NICOLAUS I=4

Rattled windows. Daily Evening Bulletin (San Francisco), 3 June  
1887, p. 3.

YUBA CITY I=5

Awoke quite a number of people; bedsteads on rollers moved a little. The Sutter County Farmer (Yuba City), 10 June 1887, p. 2.

TEHAMA COUNTY

RED BLUFF I=S

Severe. Weekly People's Cause (Red Bluff), 11 June 1887, p. 5.

TUOLUMNE COUNTY

COLUMBIA I=F

Sharp. The Daily Examiner (San Francisco), 4 June 1887, p. 2.

SONORA I=5

Awoke people. The Tuolumne Independent (Sonora), 4 June 1887, p. 5.

YOLO COUNTY

DAVISVILLE I=5

Stopped a clock. The Daily Bee (Sacramento), 3 June 1887, p. 3.

Awoke almost everyone. Daily Evening Bulletin (San Francisco), 3 June 1887, p. 3.

WOODLAND I=5

Doors and windows rattled; light furniture moved. The Daily Examiner (San Francisco), 4 June 1887, p. 2.

YUBA COUNTY

CAMPTONVILLE I=F

Felt. Marysville Daily Appeal, 4 June 1887, p. 3.

MARYSVILLE I=5

Awoke many people; windows rattled; clocks stopped. Marysville Daily Appeal, 4 June 1887, p. 3.

SMARTSVILLE I=5

Awoke people. The Daily Examiner (San Francisco), 4 June 1887, p. 2.

WHEATLAND I=5

Woke everyone. Daily Evening Bulletin (San Francisco), 3 June 1887, p. 3.

COUNTY UNKNOWN

ALABAMA I=F

Felt. The Weekly Galt Gazette, 14 June 1887, p. 2.

STATE OF NEVADA

AUSTIN I=4

Window rattled; door opened. Reese River Reveille (Austin), 4 June 1887, p. 1.

BROWN'S STATION, EAST OF WADSWORTH I=F

Felt. Virginia Evening Chronicle, 3 June 1887, p. 3.

CARSON CITY I=6-7

Brick walls cracked, some badly; chimneys on a building badly shaken up. Reno Evening Gazette, 4 June 1887, p. 1.

CORYVILLE I=F

Felt in the mine. Virginia Evening Chronicle, 9 June 1887, p. 3.

CRADLEBAUGH'S BRIDGE I=6

Shook down lamps and pictures. Daily Territorial Enterprise (Virginia City), 4 June 1887, p. 3.

DAYTON I=5-6

Some crockery and brittle ware broken. Daily Territorial Enterprise (Virginia City), 4 June 1887, p. 3.

DEADMAN'S RANCH, NEAR THE TOLL HOUSE ON THE OPHIR GRADE I=6+

Ground raised in places three feet above its old level. The Silver State (Winnemucca), 6 June 1887, p. 3.

EMPIRE I=8?

House so badly damaged that would have to be taken down. Virginia Evening Chronicle, 7 June 1887, p. 3.

EUREKA I=N

Not felt. Eureka Sentinel, 11 June 1887, p. 1.

GENOA I=8

Bottles and dishes shaken from shelves; bricks thrown from chimneys; plastering fell from ceilings and walls; houses shifted on their foundations. Oakland daily Evening Tribune, 3 June 1887, p. 3.

HAWTHORNE I=F

Not felt. Morning Appeal (Carson City), 5 June 1887, p. 3.

Slight rumbling heard. Virginia Evening Chronicle, 9 June 1887, p. 3.

LAWTON'S HOT SPRINGS (4 MI. WEST OF RENO) I=6+

Flow somewhat diminished. Daily Territorial Enterprise (Virginia Enterprise), 4 June 1887, p. 3.

MASON VALLEY I=5

Severest ever experienced. Virginia Evening Chronicle, 9 June 1887, p. 3.

PYRAMID LAKE I=5

Very severe. Morning Appeal (Carson City), 5 June 1887, p. 3.

ROWLANDS I=5-6

Brittle ware smashed. Daily Territorial Enterprise (Virginia City), 5 June 1887, p. 3.

RENO I=6

Ornaments toppled over; clocks stopped; plastering cracked and loosened in places. Reno Evening Gazette, 3 June 1887, p. 3.

SHAW'S HOT SPRINGS I=6+

Spring dried up. Reno Evening Gazette, 3 June 1887, p. 3.

J.M. SHORT, RESIDENCE, LAKE TAHOE I=5+

Some damage. Daily Territorial Enterprise (Virginia City), 5 June 1887, p. 3.

SILVER CITY I= 5-6

Some crockery and brittle ware broken. Daily Territorial Enterprise (Virginia City), 4 June 1887, p. 3.

STATE PRISON I=6+

Hot springs increased flow. Marysville Daily Appeal, 4 June 1887, p. 3.

STEAMBOAT SPRINGS I=6+

Spring increased flow. Reno Evening Gazette, 3 June 1887, p. 3.

VIRGINIA CITY I=7

Articles thrown from shelves. Daily Territorial Enterprise (Virginia City), 4 June 1887, p. 3.

Plaster knocked from ceilings; brick walls cracked. Virginia Evening Chronicle, 3 June 1887, p. 3.

Two fire walls fell. Doten (unpublished).

WADSWORTH I=S

Most severe ever experienced in Nevada. The Daily Bee (Sacra-

WINNEMUCCA I=S

Very severe. Virginia Evening Chronicle, 7 June 1887, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1887 Dec 3  
TIME: 18:55 GMT  
LOCATION: 39.300N 123.500W MENDOCINO COUNTY

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MENDOCINO COUNTY

CHRISTINE I=6

Cracked a chimney. Mendocino Dispatch Democrat (Ukiah), 9 Dec 1887, p. 3.

HALFWAY HOUSE ON THE LITTLE LAKE ROAD I=6+

Trees knocked down. The Mendocino Beacon, 10 Dec 1887, p. 2.

HALFWAY HOUSE ON THE UKIAH ROAD I=7

Chimneys shaken down; cook stove overturned. The Mendocino Beacon, 10 Dec 1887, p. 2.

LITTLE LAKE I=F

Felt. Mendocino Dispatch Democrat (Ukiah), 9 Dec 1887, p. 3.

LONG VALLEY I=F

Felt. Mendocino Dispatch Democrat (Ukiah), 9 Dec 1887, p. 3.

MENDOCINO I=S

Severe. The Mendocino Beacon, 10 Dec 1887, p. 2.

ON THE NOYO RIVER A FEW MILES BACK (FROM THE COAST). I=6+

Trees knocked down. The Mendocino Beacon, 10 Dec 1887, p. 2.

UKIAH I=5

Clocks stopped. Mendocino Dispatch Democrat (Ukiah), 9 Dec 1887,  
p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1887 Dec 16  
TIME: 12:15 GMT  
LOCATION: 39.200N 123.600W MENDOCINO COUNTY

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MENDOCINO COUNTY

MENDOCINO I=S

Severe. The Mendocino Beacon, 17 Dec 1887, p. 3.

POINT ARENA L.H. I=S

Severe. Holden (1898), p. 118.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1888 Feb 18  
TIME: 10:50 GMT  
LOCATION: 39.200N 123.500W MENDOCINO COUNTY

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MENDOCINO COUNTY

FORT BRAGG I=S

Severe. Daily Evening Bulletin (San Francisco), 18 Feb 1888,  
p. 3.

MENDOCINO I=5

Woke almost everyone. The Mendocino Beacon, 25 Feb 1888, p. 3.

POINT ARENA L.H. I=S

Violent. Holden (1898), p. 120.

UKIAH I=5

Aroused many from their slumbers. Mendocino Dispatch Democrat,  
24 Feb 1888, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1888 Feb 29  
TIME: 22:50 GMT  
LOCATION: 38.300N 122.700W SONOMA COUNTY

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ALAMEDA COUNTY

BERKELEY I=N

Not felt. Townley and Allen (1939), p. 73.

OAKLAND I=F

II RF. Townley and Allen (1939), p. 73.

CONTRA COSTA COUNTY

MARTINEZ I=L

Slight. Contra Costa Semi-Weekly Gazette (Martinez), 3 Mar 1888,  
p. 3.

MARIN COUNTY

SAN RAFAEL I=F

Felt. Marin County Journal (San Rafael), 1 Mar 1888, p. 3.

NAPA COUNTY

NAPA I=2-3

Not felt by a majority. Napa County Reporter, 2 Mar 1888, p. 3.

ST. HELENA I=S

Quite severe. St. Helena Star, 2 Mar 1888, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=4

Sharp. The Morning Call (San Francisco), 1 Mar 1888, p. 1.

Slight. San Francisco Chronicle (San Francisco), 1 Mar 1888, p. 6.

Not felt by people in the street; felt by those in upper stories of buildings quite perceptibly. The Daily Examiner (San Francisco), 1 Mar 1888, p. 6.

SAN MATEO COUNTY

BELMONT I=N

Not felt. Townley and Allen (1939), p. 73.

SONOMA COUNTY

GEYSERVILLE I=F

Quite sharp. The Morning Call (San Francisco), 1 Mar 1888, p. 8.

HEALDSBURG I=H

Quite heavy. Healdsburg Enterprises, 2 Mar 1888, p. 2.

PETALUMA I=6?

Sharp. The Petaluma Courier, 29 Feb 1888, p. 3.

Walls of several buildings cracked. The Morning Call (San Francisco), 1 Mar 1888, p. 8.

SANTA ROSA I=5-6

People ran out. Daily Republican (Santa Rosa), 29 Feb 1888, p. 3.

SONOMA I=F

Sharp. The Sonoma Index Tribune, 3 Mar 1888, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1888 Apr 14  
TIME: 03:30 GMT  
LOCATION: 41.500N 120.500W MODOC COUNTY

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MODOC COUNTY

ADIN I=2

Chandeliers swang slightly. The Adin Argus, 19 Apr 1888, p. 3.

Few persons noticed the shocks. The Adin Argus, 26 Apr 1888, p. 3.

ALTURAS I=6

Rang the school bell; knocked plaster from a wall. The Modoc Independent (Alturas), 19 Apr 1888, p. 3.

CEDARVILLE I=4

"There have a few been found who say they did not feel it"; shock of considerable violence. The Modoc Independent (Alturas), 19 Apr 1888, p. 3.

STATE OF NEVADA

CARSON CITY I=L

Light. Holden (1898), p. 121.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1888 Apr 29

TIME: 04:48 GMT

LOCATION: 39.700N 120.700W PLUMAS AND SIERRA COUNTIES

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AMADOR COUNTY

JACKSON I=F

Quite sharp. The Amador Dispatch (Jackson), 5 May 1888, p. 3.

BUTTE COUNTY

CHICO I=4

Felt by many. Chico Daily Enterprise, 30 Apr 1888, p. 3.

BIGGS I=6

Plastering on many buildings cracked. The Daily Examiner (San Francisco), 29 Apr 1888, p. 2.

OROVILLE I=F

Felt distinctly. San Francisco Chronicle, 30 Apr 1888, p. 3.

CALAVERAS COUNTY

MOKELUMNE HILL I=L

Slight. The Calaveras Chronicle (Mokelumne Hill), 5 May 1888, p. 3.

COLUSA COUNTY

COLUSA I=F

Felt. The Weekly Colusa Sun, 5 May 1888, p. 3.

EL DORADO COUNTY

GEORGETOWN I=H

Quite heavy. Georgetown Gazette, 3 May 1888, p. 3.

LAKE TAHOE I=H

Very heavy. Daily Territorial Enterprise, 1 May 1888, p. 3.

GLENN COUNTY

WILLOWS I=L

Slight. The Morning Call (San Francisco), 29 Apr. 1888, p. 6.

LASSEN COUNTY

DUCK LAKE I=6+

Waters disappeared. Sierra Tribune (Sierra City), 4 May 1888,  
p. 3.

MOUNTAIN MEADOWS I=6+

Waters disappeared. Sierra Tribune (Sierra City), 4 May 1888,  
p. 3.

NEVADA COUNTY

GRASS VALLEY I=H

Very heavy. San Francisco Chronicle, 30 Apr 1888, p. 3.

NEVADA CITY I=5-6

Glassware thrown from shelves; clocks stopped; door bells rang.  
The Nevada Daily Transcript, 1 May 1888, p. 3.

NORTH SAN JUAN I=5-6

People ran out. The Morning Call (San Francisco), 30 Apr 1888, p. 8.

TRUCKEE I=S

Severe. The Morning Call (San Francisco), 29 Apr 1888, p. 6.

#### PLACER COUNTY

AUBURN I=F

Felt. The Placer Argus (Auburn), 5 May 1888, p. 5.

COLFAX I=H

Very strong. Townley and Allen (1939), p. 73.

DUTCH FLAT I=S

Severe. The Morning Call (San Francisco), 30 Apr 1888, p. 8.

FOREST HILL RIDGE I=H

Heavy. The Placer Herald (Auburn), 5 May 1888, p. 3.

FOREST HOUSE I=5

"...a glass was shaken from the box." The Placer Herald (Auburn), 5 May 1888, p. 3.

MICHIGAN BLUFF I=5

Bottle shaken from a shelf. The Placer Herald (Auburn), 5 May 1888, p. 3.

NEWCASTLE I=F

Distinct. The Newcastle News, 2 May 1888, p. 3.

#### PLUMAS COUNTY

CROMBERG I=7

Chimneys thrown down. The Plumas National (Quincy), 5 May 1888, p. 3.

GREENVILLE I=5-6

Considerable excitement; people ran out. Greenville Bulletin, 2 May 1888, p. 3.

QUINCY I=S

Severest for several years. The Plumas National (Quincy), 5 May 1888, p. 3.

#### SACRAMENTO COUNTY

SACRAMENTO I=5

People in upper floors ran out. The Daily Bee (Sacramento), 30 Apr 1888, p. 5.

Not felt by many people who were walking on the street; people ran out. Sacramento Daily Record-Union, 30 Apr 1888, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=F

Felt. The Nevada Daily Transcript, 1 May 1888, p. 3.

#### SAN JOAQUIN COUNTY

LATHROP I=6?

Roof cracked. Daily Evening Bulletin (San Francisco), 30 Apr 1888, p. 1.

STOCKTON I=F

Lively. Stockton Daily Independent, 29 Apr 1888, p. 5.

WOODBIDGE I=L

Slight. Lodi Weekly News, 3 May 1888, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=6

People frightened. The Plumas National (Quincy), 12 May 1888, p. 3.

Plastering knocked from walls. The Morning Call (San Francisco), 30 Apr 1888, p. 8.

A SHORT DISTANCE ABOVE DOWNIEVILLE I=6+

Earth cracked slightly; springs increased flow. The Plumas National (Quincy), 12 May 1888, p. 3.

6 MI. EAST OF DOWNIEVILLE I=F

The greatest effect seems to have occurred here. The Plumas National (Quincy), 12 May 1888, p. 3.

NORTH FORK OF THE NORTH YUBA, 7 MI. FROM DOWNIEVILLE I=6+

Large amounts of rock thrown from the cliffs. The Mountain Messenger (Downieville), 12 May 1888, p. 2.

RATTLESNAKE CANYON I=6+

Rocks rolled down the ravine. The Mountain Messenger (Downieville), 12 May 1888, p. 2.

SIERRA CITY I=6

Clocks stopped; plastering fell; houses cracked. Sierra Tribune (Sierra City), 4 May 1888, p. 3.

SIERRA VALLEY I=5-6

People rushed out; lamps and crockery ware rattled. Sierra Valley Leader, 4 May 1888, p. 2.

YOUNG AMERICA MINE I=6+

Rocks shaken from the buttes; people thrown from their beds.  
Sierra Tribune (Sierra City), 4 May 1888, p. 3.

SOLANO COUNTY

DIXON I=F

Felt. The Daily Examiner (San Francisco), 29 Apr 1899, p. 2.

SONOMA COUNTY

SANTA ROSA I=F

Felt. The Morning Call (San Francisco), 29 Apr 1888, p. 6.

YOLO COUNTY

WINTERS I=F

Sharp. The Winters Express, 5 May 1888, p. 3.

WOODLAND I=L

Slight. The Morning Call (San Francisco), 30 Apr 1888, p. 8.

YUBA COUNTY

MARYSVILLE I=5

A number of clocks stopped. Marysville Daily Appeal, 29 Apr 1888,  
p. 3.

STATE OF NEVADA

CARSON CITY I=L

Slight. Morning Appeal (Carson City), 29 Apr 1888, p. 3.

RENO I=4

Shook the town generally. Reno Evening Gazette, 30 Apr 1888, p.

SUTRO I=L

Slight. Daily Territorial Enterprise (Virginia City), 29 Apr 1888, p. 2.

VIRGINIA CITY I=2

Felt by only a few. Daily Territorial Enterprise (Virginia City) 29 Apr 1888, p. 3.

WELLINGTON I=L

Slight. Townley and Allen (1939), p. 274.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1888 Sep 17  
TIME: 11:51 GMT  
LOCATION: 37.100N 121.800W SANTA CRUZ MOUNTAINS

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MONTEREY COUNTY

CORRAL DE TIERRA I=F

Felt. Salinas Weekly Index, 20 Sept 1888, p. 3.

SALINAS I=L

Slight. Salinas Weekly Index, 20 Sept 1888, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=2

"...917 Pine Street: very slight..." Holden (1898), p. 125.

SANTA CLARA COUNTY

GILROY I=5

Scared those who were awakened. The Morning Call (San Francisco),  
18 Sept 1888, p. 8.

MT. HAMILTON I=S

Severe. Holden (1898), p. 125.

SAN JOSE I=5

Awoke people. San Jose Daily Mercury, 17 Sept 1888, p. 2.

SANTA CRUZ COUNTY

SANTA CRUZ I=5

Awoke a large number. Santa Cruz Daily Sentinel, 18 Sept 1888,  
p. 3.

SANTA CRUZ L.H. I=L

Very light. Holden (1898), p. 125.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1888 Nov 18  
TIME: 22:28 GMT  
LOCATION: 37.800N 122.200W EAST SAN FRANCISCO BAY AREA

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ALAMEDA COUNTY

ALAMEDA I=5-6?

"...people around the bay were treated to two pretty severe earthquake shocks...both causing people to suddenly vacate their houses." (It is unclear whether this report applies to Alameda or another bay area town.) Semi-Weekly Encinal (Alameda), 20 Nov 1888, p. 3.

BERKELEY I=F

Felt. Holden (1898), p. 126.

EAST OAKLAND I=7

Pane of glass cracked. The Morning Times (Oakland), 19 Nov 1888, p. 1.

A few light articles overthrown; pictures displaced; clock stopped; 5 chimneys thrown down. Holden (1898), p. 127.

HAYWARD I=N

Not felt. Holden (1898), p. 126.

NILES I=N

Not felt. Holden (1898), p. 126.

OAKLAND I=7

Chimney knocked down. The Morning Times (Oakland), 19 Nov 1888, p. 1.

SAN LEANDRO I=N

Not felt. Holden (1898), p. 126.

SAN LORENZO I=L

Slight. San Leandro Reporter, 24 Nov 1888, p. 2.

#### CONTRA COSTA COUNTY

CONCORD I=F?

Sharp (this report is exactly the same as the wire service report for Martinez in The Morning Call (San Francisco), 19 Nov, p. 1). Sacramento Daily Record-Union, 19 Nov 1888, p. 2.

MARTINEZ I=4

Glass bottles and lamps rattled. Contra Costa Semi-Weekly Gazette (Martinez), 21 Nov 1888, p. 3.

#### LAKE COUNTY

CLEAR LAKE I=N

Not felt. Holden (1898), p. 126.

#### MARIN COUNTY

SAN RAFAEL I=F

Felt. Sacramento Daily Record-Union, 19 Nov 1888, p. 2.

#### NAPA COUNTY

NAPA I=L

Slight. Napa County Reporter, 23 Nov 1888, p. 3.

Quite a shock. The Napa Journal, 22 Nov 1888, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

Generally felt by those indoors. Daily Evening Bulletin  
(San Francisco), 19 Nov 1888, p. 1.

Glasses and small movable objects shifted. The Daily Examiner  
(San Francisco), 19 Nov 1888, p. 8.

SANTA CLARA COUNTY

MT. HAMILTON I=N

Not felt. Holden (1898), p. 126.

SOLANO COUNTY

VALLEJO I=F

Felt. The Vallejo Evening Chronicle, 19 Nov 1888, p. 3.

SONOMA COUNTY

PETALUMA I=4-5

Started a stopped clock. The Petaluma Courier, 21 Nov 1888, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1889 Feb 7  
TIME: 05:20 GMT  
LOCATION: 34.100N 116.800W SOUTHWESTERN SAN BERNARDINO COUNTY

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LOS ANGELES COUNTY

LOS ANGELES I=L

Very mild. Los Angeles Times, 7 Feb 1889, p. 3.

Slight. Los Angeles Daily Herald, 7 Feb 1889, p. 1.

POMONA I=5

A few pieces of glassware and china broke. The Pomona Progress,  
7 Feb 1889, p. 1.

Felt by many. Pomona Daily Times, 7 Feb 1889, p. 3.

ORANGE COUNTY

ANAHEIM I=L

Slight. Anaheim Gazette, 14 Feb 1889, p. 3.

FAIRVIEW I=L

Slight. Fairview Register, 9 Feb 1889, p. 3.

RIVERSIDE COUNTY

BEAUMONT I=F

Felt. Beaumont Sentinel, 9 Feb 1889, p. 3.

RIVERSIDE I=4

Rattled doors and crockery. Riverside Daily Press, 7 Feb 1889, p. 3.

SAN JACINTO I=5-6

People rushed out. San Jacinto Weekly Register, 7 Feb 1889, p. 1.

SAN BERNARDINO COUNTY

CHINO I=L

Slight. Chino Valley Champion, 8 Feb 1889, p. 3.

COLTON I=F

Distinct. Pasadena Daily Union, 7 Feb 1889, p. 1.

EAST SLOPE MT. SAN BERNARDINO I=6+

Great stones rolled down the Mountain side. The Citrograph (Redlands), 16 Feb 1889, p. 7.

ONTARIO I=L

Slight. Ontario Observer, 9 Feb 1889, p. 5.

REDLANDS I=4

Windows rattled. The Citrograph (Redlands), 9 Feb 1889, p. 7.

SAN BERNARDINO I=4-5

Chandeliers and glassware rattled. San Bernardino Daily Courier 7 Feb 1889, p. 3.

Clock stopped. Holden (1898), p. 128.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1889 Apr 15  
TIME: 03:38 GMT  
LOCATION: 37.000N 121.800W EAST OF MONTEREY BAY

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ALAMEDA COUNTY

CENTERVILLE I=L

Slight. Daily Evening Bulletin (San Francisco), 15 Apr 1889,  
p. 3.

CONTRA COSTA COUNTY

MARTINEZ I=L

Slight. Contra Costa Semi-Weekly Gazette (Martinez), 17 Apr  
1889, p. 3.

MERCED COUNTY

MERCED I=S

Sharp. Merced Express, 20 Apr 1889, p. 3.

Severe. San Joaquin Valley Argus (Merced), 20 Apr 1889, p. 3.

MONTEREY COUNTY

CASTROVILLE I=F

Felt. The Salinas Weekly Index, 18 Apr 1889, p. 3.

CORRAL DE TIERRA I=H

Quite heavy. The Salinas Weekly Index, 18 Apr 1889, p. 1.

SALINAS I=F

Quite sharp. The Salinas Weekly Index, 18 Apr 1889, p. 3.

Lively. Monterey Democrat (Salinas), 20 Apr 1889, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=L

Slight. Daily Alta California (San Francisco), 16 Apr 1889, p. 8.

SAN MATEO COUNTY

REDWOOD CITY I=F

Sharp. The San Mateo County Times and Gazette (Redwood City), 20 Apr 1889, p. 3.

SANTA CLARA COUNTY

GILROY I=4

Lamps and crockery rattled severely. Daily Evening Bulletin (San Francisco), 15 Apr 1889, p. 3.

LOS GATOS I=L

Slight, but distinct. Daily Evening Bulletin (San Francisco), 15 Apr 1889, p. 3.

MT. HAMILTON I=4-5

Felt by many. Holden (1898), p. 129.

SAN JOSE I=F

Sharp; heavy swaying. San Jose Daily Herald, 15 Apr 1889, p. 2.

Light. San Jose Daily Herald, 15 Apr 1889, p. 3.

Light. San Jose Daily Mercury, 15 Apr 1889, p. 3.

SANTA CRUZ COUNTY

SANTA CRUZ I=5-6

Rattled windows; many people on the first floor of well built buildings did notice the shock. San Jose Daily Herald, 15 Apr 1889, p. 3.

Plastering cracked in several houses. Santa Cruz Daily Sentinel, 16 Apr 1889, p. 3.

WATSONVILLE I=F

Sharp. The Rustler (Watsonville), 20 Apr 1889, p. 3.

Regular rouser. The Pajaronian (Watsonville), 18 Apr 1889, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1889 May 19  
TIME: 11:10 GMT  
LOCATION: 38.000N 121.900W SUISUN BAY AREA

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ALAMEDA COUNTY

BERKELEY I=F

Felt. Holden (1898), p. 131.

EAST OAKLAND I=5

Stopped clocks. Holden (1898), p. 132.

HAYWARD I=5

Threw many people out of bed. The Morning Call (San Francisco),  
20 May 1889, p. 1.

NEWARK I=5

Some clocks stopped. The Morning Call (San Francisco), 20 May  
1889, p. 1.

OAKLAND I=7

Mild; very distinct. The Morning Times (Oakland), 19 May 1889,  
p. 3.

Awoke people. Oakland Tribune, 20 May 1889, p. 1.

Considerable damage done to bric-a-brac and clocks, which were  
thrown from mantel-pieces; chimney broken down. Daily Evening  
Bulletin (San Francisco), 20 May 1889, p. 1.

PLEASANTON I=F

Worst since 1868. Sacramento Daily Record-Union, 20 May 1889, p. 3.

SAN LEANDRO I=H

Heaviest in years. San Francisco Chronicle, 20 May 1889, p. 8.

AMADOR COUNTY

AMADOR COUNTY I=6+?

Dam failure attributed to the earthquake by some. The Sutter County Farmer (Yuba City), 31 May 1889, p. 2.

IONE I=5

Aroused many people. Sacramento Daily Record-Union, 20 May 1889, p. 3.

CALAVERAS COUNTY

MOKELUMNE HILL I=L

Slight. The Calaveras Chronicle (Mokelumne Hill). 25 May 1889, p. 3.

COLUSA COUNTY

COLUSA I=4

Felt by those awake. The Weekly Colusa Sun, 25 May 1889, p. 5.

CONTRA COSTA COUNTY

ALAMO I=5+

Severe; did not do much damage. Contra Costa Semi-Weekly Gazette (Martinez), 29 May 1889, p. 3.

ANTIOCH I=7

15 or 20 chimneys toppled. Contra Costa Semi-Weekly Gazette

(Martinez), 22 May 1889, p. 3.

CLAYTON I=7

Chimneys thrown down; adobe building demoralized. Contra Costa Semi-Weekly Gazette (Martinez), 25 May 1889, p. 3.

CONCORD I=F

Felt. Contra Costa Semi-Weekly Gazette (Martinez), 29 May 1889, p. 3.

DANVILLE I=7

Chimney shaken down; another considerably damaged. Contra Costa Semi-Weekly Gazette (Martinez), 25 May 1889, p. 3.

MARTINEZ I=7

Awoke everyone; a few clocks stopped; a few articles thrown from shelves; one chimney succumbed. Contra Costa Semi-Weekly Gazette (Martinez), 22 May 1889, p. 3.

SAN PABLO CREEK I=H

Heavy. Contra Costa Semi-Weekly Gazette (Martinez), 22 May 1889, p. 3.

SOBRANTE I=5

Not felt by (did not waken) some. Contra Costa Semi-Weekly Gazette (Martinez), 19 May 1889, p. 3.

STEWARTVILLE I=F

Second only to 1868. San Francisco Chronicle, 20 May 1889, p. 8.

TASSAJARA I=5

Awoke many. Contra Costa Semi-Weekly Gazette (Martinez), 1 June 1889, p. 3.

EL DORADO COUNTY

GEORGETOWN I=3

Felt by several. Georgetown Gazette, 23 May 1889, p. 3.

MARIN COUNTY

LIME POINT FOG-SIGNAL STATION I=F

Felt. Holden (1898), p. 132.

MENDOCINO COUNTY

UKIAH I=N

Not felt. Mendocino Dispatch Democrat, 24 May 1889, p. 3.

MONTEREY COUNTY

SALINAS I=N

Not felt. Salinas Democrat, 25 May 1889, p. 3.

NAPA COUNTY

CALISTOGA I=F

Quite perceptible. Sacramento Daily Record-Union, 20 May 1889, p. 3.

NAPA I=6?

Quite heavy. The Napa Journal, 23 May 1889, p. 2.

Walls cracked. San Francisco Chronicle, 20 May 1889, p. 8.

Plaster cracked. The Daily Examiner (San Francisco), 20 May 1889, p. 1.

ST. HELENA I=5

Awoke many people from a sound sleep. St. Helena Star, 24 May

1889, p. 3.

NEVADA COUNTY

NEVADA CITY I=H

Rather heavy. Daily Alta California (San Francisco), 20 May 1889, p. 1.

PLACER COUNTY

FOREST HILL I=4

Rattled a wash bowl against a pitcher. Holden (1898), p. 132.

SACRAMENTO COUNTY

GALT I=5

Awoke the people of the town. Weekly Galt Gazette, 25 May 1889, p. 3.

SACRAMENTO I=5-6

Movable objects thrown to the floor; clocks stopped; aroused many people. The Bee (Sacramento), 20 May 1889, p. 8.

Cracked plaster in some buildings. Sacramento Daily Record-Union, 20 May 1889, p. 1.

SAN FRANCISCO COUNTY

FORT POINT LIGHT STATION I=5

Doors opened; windows and crockery rattled; people awakened. Holden (1898), p. 132.

SAN FRANCISCO I=5-6

Awoke a majority of the people in town; bric-a-brac thrown down. Daily Alta California (San Francisco), 20 May 1889, p. 1.

YERBA BUENA ISLAND LIGHT STATION I=F

Felt. Holden (1898), p. 131.

## SAN JOAQUIN COUNTY

LOCKFORD I=5

Stopped clocks; opened doors; shook up the crockery. The Valley Review (Lodi), 23 May 1889, p. 3.

LODI I=5-6

Goods shaken from shelves in a store. The Daily Examiner (San Francisco), 20 May 1889, p. 1.

Plainly felt by many; stopped clocks. The Valley Review (Lodi), 23 May 1889, p. 5.

STOCKTON I=6

People who were abed were awakened, those who were awake were frightened. Stockton Daily Independent, 19 May 1889, p. 3.

Plastering fell; glassware broken; cupboard toppled over. Stockton Daily Independent, 21 May 1889, p. 2.

## SAN MATEO COUNTY

REDWOOD CITY I=F

Lively; broke a large cactus. The San Mateo County Times and Gazette (Redwood City), 25 May 1889, p. 3.

## SANTA CLARA COUNTY

LOS GATOS I=F

Sharp. The Morning Call (San Francisco), 20 May 1889, p. 1.

MT. HAMILTON I=4

Felt; did not wake any sleepers. Sacramento Daily Record-Union, 20 May 1889, p. 3.

MOUNTAIN VIEW I=H

Heavy. The Daily Examiner (San Francisco), 20 May 1889, p. 1.

SAN JOSE I=5-6

Plaster suffered somewhat. San Jose Daily Herald, 20 May 1889, p. 1.

SANTA CRUZ COUNTY

SANTA CRUZ I=F

Quite sharp. The Daily Examiner (San Francisco), 20 May 1889, p. 1.

WATSONVILLE I=N

Not felt. The Pajaronian (Watsonville), 23 May 1889, p. 3.

SOLANO COUNTY

ALPINE DISTRICT I=4-5

Distinctly felt; woke at least one person. The Dixon Tribune, 25 May 1889, p. 3.

COLLINSVILLE I=8

Chimneys knocked over; pianos moved; one building toppled over. San Francisco Chronicle, 20 May 1899, p. 8.

DIXON I=5

Awoke nearly everybody; clocks stopped. The Dixon Tribune, 25 May 1889, p. 3.

FAIRFIELD I=H

Heavy. The Morning Call (San Francisco), 20 May 1889, p. 1.

MARE ISLAND LIGHT STATION I=5

Woke observer; rang a door-bell. Holden (1898), p. 131.

RIO VISTA I=7

Furniture and chimneys thrown down. The Dixon Tribune, 25 May 1889, p. 3.

SUISUN I=S

Severe. Sacramento Daily Record=Union, 20 May 1889, p. 3.

VACAVILLE I=5

Awoke many. Vacaville Reporter, 23 May 1889, p. 4.

VALLEJO I=5

Stopped clocks. Vallejo Weekly Chronicle, 24 May 1889, p. 1.

#### SONOMA COUNTY

PETALUMA I=H

Exceedingly heavy. San Francisco Chronicle, 20 May 1889, p. 8.

SANTA ROSA I=5

Awoke many people. The Sonoma Democrat (Santa Rosa), 25 May 1889, p. 1.

#### STANISLAUS COUNTY

MODESTO I=5

Plaster cracked. Daily Evening News (Modesto), 20 May 1889, p. 1.

#### SUTTER COUNTY

YUBA CITY I=L

Slight. The Sutter County Farmer, 24 May 1889, p. 3.

TUOLUMNE COUNTY

COLUMBIA I=5

Felt by many (3:10 AM). The Tuolumne Independent (Sonora),  
25 May 1889, p. 5.

SONORA I=5

Felt by many (3:10 AM). The Tuolumne Independent (Sonora),  
25 May 1889, p. 5.

YOLO COUNTY

WINTERS I=F

Not very heavy. The Winters Express, 25 May 1889, p. 3.

WOODLAND I=H

Heavy. Sacramento Daily Record-Union, 20 May 1889, p. 3.

YUBA COUNTY

MARYSVILLE I=4-5

Felt by a number; moved a bed (3:10 AM). Marysville Weekly Appeal, 24 May 1889, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1889 Jun 20  
TIME: 06:00 GMT  
LOCATION: 40.500N 120.700W HONEY LAKE AREA, LASSEN COUNTY

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BUTTE COUNTY

CHICO I=3

Felt by some, particularly in larger buildings. Chico Daily Enterprise, 20 June 1889, p. 2.

OROVILLE I=4-5

Felt by many. The Daily Mercury (Oroville), 20 June 1889, p. 3.

LASSEN COUNTY

BIEBER I=F

Distinct. The Mountain Tribune (Bieber), 22 June 1889, p. 3.

EAGLE LAKE I=6+

"More severe than at Susanville." Weekly Adin Argus, 11 July 1889, p. 3.

Water greatly disturbed and quite muddy. The Morning Call (San Francisco), 26 June 1889, p. 4.

STOCKTON'S MILL I=6+

Spring flow increased. Lassen Advocate (Susanville), 27 June 1889, p. 3.

SUSANVILLE I=7

Spring flow increased. Lassen Advocate (Susanville), 27 June 1889, p. 3.

Crockery and glassware scattered; people rushed out. Weekly Adin Argus, 27 June 1889, p. 3.

Furniture thrown down and broken; clocks stopped; the top of a chimney was thrown down; some fainted. The Morning Call (San Francisco), 23 June 1889, p. 8.

WILLOW CREEK I=7

Stream flow increased. Lassen Advocate (Susanville), 27 June 1889, p. 3.

Chimney thrown down. The Morning Call (San Francisco), 26 June 1889, p. 4.

MODOC COUNTY

ADIN I=F

Felt. Weekly Adin Argus, 27 June 1889, p. 3.

ALTURAS I=H

Heavy. The Modoc Independent (Alturas), 20 June 1889, p. 3.

NEVADA COUNTY

GRASS VALLEY I=H

Quite heavy. The Morning Call (San Francisco), 21 June 1889, p. 8.

PLUMAS COUNTY

GREENVILLE I=5

Some nervousness but only two ran out "en deshabelle". Greenville Bulletin, 26 June 1889, p. 3.

QUINCY I=6?

"...citizens were considerably shaken up...there didn't seem to be anything to 'catch onto'." Plumas National (Quincy), 22 June 1889, p. 3.

#### SACRAMENTO COUNTY

##### SACRAMENTO I=3-4

"The shocks were sufficient to swing gas fixtures, and to set unoccupied rocking chairs in motion throughout the city." The Bee (Sacramento), 20 June 1889, p. 3.

Slight; felt by only a few. Daily Evening Bulletin (San Francisco), 20 June 1889, p. 3.

#### SHASTA COUNTY

##### FALL RIVER MILLS I=5

"Our citizens were considerably startled... chandeliers and hanging lamps were shaken around quite lively, and household articles were perceptibly jolted and moved. No damage ... except the placing of a veto on the slumbers of the superstitious." Yreka Journal, 26 June 1889, p. 3.

#### SIERRA COUNTY

##### DOWNIEVILLE I=L

Very light. The Mountain Messenger (Downieville), 22 June 1889, p. 2.

##### SIERRA CITY I=F

"Quite an earthquake shock." Sierra Tribune (Sierra City), 28 June 1889, p. 3.

#### SISKIYOU COUNTY

##### SISSON I=5

Felt by quite a number; stopped a clock. Mount Shasta Herald (Sisson), 25 June 1889, p. 3.

Doors and windows rattled; " a bed on castors rolled a couple of

inches". Yreka Journal, 26 June 1889, p. 3.

YUBA COUNTY

MARYSVILLE I=2-3

Slight. "A great many did not notice it." Marysville Weekly Appeal, 28 June 1889, p. 5.

STATE OF NEVADA

VIRGINIA CITY I=3

Felt by several. Virginia Evening Chronicle, 20 June 1889, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1889 Jul 31  
TIME: 12:47 GMT  
LOCATION: 37.700N 122.200W EAST SAN FRANCISCO BAY AREA

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ALAMEDA COUNTY

BERKELEY I=5

Cracked a few windows. Oakland Tribune, 1 Aug 1889, p. 1.

CENTERVILLE I=H

Heavy. The Bee (Sacramento), 31 July 1889, p. 3.

EMERYVILLE I=6

Several mirrors attached to bureaus in a furniture company were broken. The Morning Times (Oakland), 2 Aug 1889, p. 5.

LIVERMORE I=5

Woke a majority of people. The Livermore Herald, 1 Aug 1889, p. 3.

NEWARK I=S

Severe. Sacramento Daily Record-Union, 1 Aug 1889, p. 4.

OAKLAND I=6

Windows rattled; people awakened; many clocks stopped. The Morning Times (Oakland), 1 Aug 1889, p. 1.

Knocked down bric-a-brac; stopped clocks; walls cracked. Oakland Tribune, 31 July 1889, p. 1.

SAN LEANDRO I=7

Chimney thrown down; some crockery broken. San Francisco Chronicle, 1 Aug 1889, p. 6.

WEST OAKLAND I=7

Chimneys knocked down; several windows broken. The Morning Call (San Francisco), 1 Aug 1889, p. 2.

CONTRA COSTA COUNTY

CONCORD I=F

Sharp. Sacramento Daily Record-Union, 1 Aug 1889, p. 4.

MARTINEZ I=S

Severe. The Bee (Sacramento), 31 July 1889, p. 3.

MONTEREY COUNTY

SALINAS I=F

Sharp. Salinas Democrat, 3 Aug 1889, p. 3.

NAPA COUNTY

CALISTOGA I=5

Awoke sleepers. The Morning Call (San Francisco), 1 Aug 1889, p. 8.

NAPA I=4

Woke light sleepers; loose window sashes and fixtures rattled. The Napa Register, 2 Aug 1889, p. 3.

SACRAMENTO COUNTY

GALT I=L

Light. Weekly Galt Gazette, 3 Aug 1889, p. 3.

SACRAMENTO I=N

Not felt. Daily Alta California (San Francisco), 1 Aug 1889, p. 5.

SAN BENITO COUNTY

HOLLISTER I=H

Heavy. The San Benito Advance (Hollister), 2 Aug 1889, p. 3.

SAN FRANCISCO COUNTY

FORT POINT LIGHT STATION I=4

Clock almost stopped. Holden (1898), p. 140.

SAN FRANCISCO I=6

Windows rattled; door-bells rang; doors slammed; bottles thrown from shelves. Daily Alta California (San Francisco), 1 Aug 1889, p. 1.

Many clocks stopped; window-shade broken. San Francisco Chronicle, 1 Aug 1889, p. 8.

Crockery and chandeliers broken; ceilings cracked; mirrors shattered; a window broken. The Daily Examiner (San Francisco), 1 Aug 1889, p. 1.

SAN JOAQUIN COUNTY

STOCKTON I=4-5

Light; rather sharp according to those on the street. Stockton Daily Independent, 1 Aug 1889, p. 3.

SAN MATEO COUNTY

HALF MOON BAY I=H

Quite heavy. The San Mateo County Times and Gazette (Redwood City), 3 Aug 1889, p. 3.

PESCADERO I=5

Felt by most (4:47 AM). The San Mateo County Times and Gazette (Redwood City), 3 Aug 1889, p. 3.

PORTOLA VALLEY I=F

Big. The San Mateo County Times and Gazette (Redwood City), 3 Aug 1889, p. 3.

REDWOOD CITY I=5

Awoke many people. The San Mateo County Times and Gazette (Redwood City), 3 Aug 1889, p. 3.

#### SANTA CLARA COUNTY

GILROY I=F

Short, sharp shock. Sacramento Daily Record-Union, 1 Aug 1889, p. 4.

LOS GATOS I=5

Awoke many. Sacramento Daily Record-Union, 1 Aug 1889, p. 4.

MT. HAMILTON I=5

Awoke sleepers. Holden (1898), p. 139.

SAN JOSE I=L

Slight. San Jose Daily Herald, 31 July 1889, p. 2.

SANTA CLARA I=4

Windows rattled. San Jose Daily Herald, 1 Aug 1889, p. 2.

#### SANTA CRUZ COUNTY

SANTA CRUZ I=F

Felt. The Bee (Sacramento), 31 July 1889, p. 3.

SANTA CRUZ LIGHT STATION I=F

Tremulous shock. Holden (1898), p. 140.

WATSONVILLE I=L

Slight. The Pajoronian (Watsonville), 1 Aug 1889, p. 3.

#### SOLANO COUNTY

BENICIA I=H

Quite strong. The Bee (Sacramento), 31 July 1889, p. 3.

MARE ISLAND LIGHT STATION I=4

Awoke the light keeper; rattled bowls and pitchers. Holden (1898), p. 140.

VACAVILLE I=L

Very slight; no damage. The Daily Examiner (San Francisco), 1 Aug 1889, p. 1-2.

VALLEJO I=5

Felt by nearly everybody (4:47 AM). Vallejo Weekly Chronicle, 2 Aug 1889, p. 1.

#### SONOMA COUNTY

EL VERANO I=5-6

Dishes thrown from shelves; people badly frightened. The Morning Call (San Francisco), 1 Aug 1889, p. 8.

HEALDSBURG I=S

Quite severe. Healdsburg Enterprise, 7 Aug 1889, p. 3.

PETALUMA I=H

Heavy. The Bee (Sacramento), 31 July 1889, p. 3.

SANTA ROSA I=S

Severe. The Sonoma Democrat (Santa Rosa), 3 Aug 1889, p. 3.

#### STANISLAUS COUNTY

MODESTO I=F

Felt. Santa Cruz Daily Sentinel, 1 Aug 1889, p. 3.

#### STATE OF NEVADA

CARSON CITY I=N

Not felt. Holden (1898), p. 141.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

EARTHQUAKE:

DATE: 1889 Aug 28

TIME: 02:15 GMT

LOCATION: 34.100N 117.900W LOS ANGELES COUNTY

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LOS ANGELES COUNTY

ALHAMBRA I=S

Quite severe; no damage. Los Angeles Daily Herald, 28 Aug 1889, p. 8.

AZUSA I=5

Cracked plaster in some frame buildings. The Azusa News, 31 Aug 1889, p. 5.

GLADSTONE I=F

"Quite a shock." The Azusa News, 31 Aug 1889, p. 4.

BALLONA I=F

"Felt very perceptibly." Los Angeles Daily Herald, 29 Aug 1889, p. 3.

LOS ANGELES I=6

Houses rocked, shandeliers swung, crockery rattled; frightened those in tall buildings; some ran out. Los Angeles Times, 28 Aug 1889, p. 5.

No damage. Los Angeles Daily Herald, 28 Aug 1889, p. 4.

"...in a number of instances bottles in closets and dishes... thrown from shelves." Los Angeles Daily Herald, 28 Aug 1889, p. 3.

"Clocks stopped and ceilings cracked." Holden (1898), p. 143.

MONROVIA I=6

Severest for many years; felt throughout town; windows rattled; large safe on wheels moved; several ran out; no harm done. Monrovia Messenger, 29 Aug 1889, p. 1.

Plaster cracked and fell; "things became a little chaotic, especially in the grocery and crockery stores." Sierra Madre Vista, 30 Aug 1889, p. 7.

PASADENA I=5-6

"...severe enough to send the agnostic to his closet to prayers..." Pasadena Weekly Union, 31 Aug 1889, p. 2.

Slight; no damage. Los Angeles Times, 28 Aug 1889, p. 5.

Broke some dishes on the dinner tables. Holden (1898), p. 143.

POMONA I=6

Crockery rattled; people ran out; cracked plaster; clocks stopped. Pomona Daily Times, 28 Aug 1889, p. 3.

"Sharpiest"; no damage; "Many people did not even feel it". The Pomona Progress, 29 Aug 1889, p. 1.

"Several people were thrown to the floor"; nearly everyone ran outside; items thrown from the shelves in the stores; many windows were cracked and broken; type was pried at the Pomona Progress office; glassware and crockery were broken in a hotel. Holden (1893), p. 143.

RIVERA I=4-5

Citizens somewhat alarmed; no damage. Los Angeles Daily Herald, 28 Aug 1889, p. 8.

SANTA MONICA I=5-6

Those in larger buildings were very badly frightened. Los Angeles Times, 28 Aug 1889, p. 5.

Bottles in a drug store rattled; a couple of well filled graduate measures were upset. Los Angeles Daily Herald, 29 Aug 1889, p. 3.

"Small articles were rattled, glassware shaken down and people living in upper stories ran out in great fright"; no damage. Los Angeles Tribune, 28 Aug 1889, p. 3.

SIERRA MADRE I=F

Distinctly felt. Sierra Madre Vista, 30 Aug 1889, p. 6.

#### ORANGE COUNTY

ANAHEIM I=S

Severe. Anaheim Gazette, 29 Aug 1889, p. 3.

ORANGE I=4

Frightened some fair ladies; shook things up promiscuously"; no damage. Orange Weekly Post, 31 Aug 1889, p. 3.

SANTA ANA I=5

"Tea and coffee in cups splashed and dishes rattled. Los Angeles Tribune, 28 Aug 1889, p. 1.

#### RIVERSIDE COUNTY

RIVERSIDE I=5?

"Houses were shook"; lights swayed; a clock bell rang; trees swayed slightly. Riverside Daily Press, 28 Aug 1889, p. 2.

SAN JACINTO I=H

"Probably the heaviest on record." San Jacinto Register, 29 Aug 1889, p. 3.

SOUTH RIVERSIDE I=4

"The shock rattled dishes and splashed water a little. No damage was done." South Riverside Bee, 30 Aug 1889, p. 3.

#### SAN BERNARDINO COUNTY

CHINO I=4

"No injury was done."; dishes and other articles "danced about"; frightened some. Chino Valley Champion, 30 Aug 1889, p. 3.

COLTON I=L

"Slightly perceptible." The Pomona Progress, 29 Aug 1889, p. 1.

ONTARIO I=5-6

Guests at the Ontario Hotel ran outside. Ontario Observer, 31 Aug 1889, p. 5.

REDLANDS I=L

Slight; no damage. The Citrograph (Redlands), 31 Aug 1889, p. 7.

SAN BERNARDINO I=L

"Slightly perceptible." The Pomona Progress, 29 Aug 1889, p. 1.

#### SAN DIEGO COUNTY

SAN MARCOS I=F

Sharp. The Plain Truth (San Marcos), 1 Sept 1889, p. 1.

#### SANTA BARBARA COUNTY

SANTA BARBARA I=N

"Snubbed." The Evening Express (Los Angeles), 30 Aug 1889, p. 6.

#### VENTURA COUNTY

VENTURA I=F

Felt. The Evening Express (Los Angeles), 30 Aug 1889, p. 6.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1889 Sep 30  
TIME: 05:20 GMT  
LOCATION: 37.500N 118.800W EASTERN SIERRA NEVADA

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FRESNO COUNTY

FRESNO I=5

Many people startled. Daily Evening Expositor (Fresno), 30 Sept 1889, p. 4.

Awoke sleepers; rattled windows. Sacramento Daily Record-Union, 1 Oct 1889, p. 1.

SELMA I=4

Felt. The Selma Irrigator, 5 Oct 1889, p. 2.

Stoves and kitchenware rattled; chandeliers vibrated. Sacramento Daily Record-Union, 1 Oct 1889, p. 1.

INYO COUNTY

BISHOP I=4

Glasses rattled. Inyo Register (Bishop), 3 Oct 1889, p. 3.

INDEPENDENCE I=N

Not felt. Inyo Independent (Independence), 5 Oct 1889, p. 3.

ROCK CREEK GRADE, BETWEEN ROUND VALLEY AND LONG VALLEY I=6+  
Rocks rolled down the mountain onto the road. Inyo Register (Bishop), 3 Oct 1889, p. 3.

ROUND VALLEY I=5-6

Dishes shaken from shelves. Inyo Independent (Independence),  
5 Oct 1889, p. 3.

#### KERN COUNTY

BAKERSFIE' D I=F

Perceptibly felt. The Kern County Californian (Bakersfield),  
5 Oct 1889, p. 3.

DELANO I=L

Slight. Sacramento Daily Record-Union, 1 Oct 1889, p. 1.

HAVILAH I=F

Quite distinct. Townley and Allen (1939), p. 79.

#### KINGS COUNTY

HANFORD I=4

Felt by quite a number of people. The Weekly Visalia Delta,  
3 Oct 1889, p. 3.

#### MADERA COUNTY

MADERA I=S

Severe. Sacramento Daily Record-Union, 1 Oct 1889, p. 1.

#### MARIPOSA COUNTY

BIG TREES GROVE I=?

Hollow logs and trees oscillated. Sacramento Daily Record-Union,  
2 Oct 1889, p. 2.

MARIPOSA I=4

Windows rattled. Mariposa Gazette, 5 Oct 1889, p. 3.

WAWONA I=H

Heavy. Sacramento Daily Record-Union, 2 Oct 1889, p. 2.

YOSEMITE I=H

Heavy. Sacramento Daily Record-Union, 2 Oct 1889, p. 2.

MERCED COUNTY

MERCED I=S

Quite severe. Sacramento Daily Record-Union, 1 Oct 1889, p. 1.

SACRAMENTO COUNTY

SACRAMENTO I=3

Felt by several. Sacramento Daily Record-Union, 1 Oct 1889, p. 1.

STANISLAUS COUNTY

NEWMAN I=L

Light. The Daily Examiner (San Francisco), 1 Oct 1889, p. 2.

MODESTO I=L

Slight. Daily Evening News (Modesto), 30 Sept 1889, p. 1.

TULARE COUNTY

PORTERVILLE I=6?

Some walls cracked (probably plaster), Porterville Enterprise, 5 Oct 1889, p. 2.

TULARE I=S

Severest for many years. Sacramento Daily Record-Union, 1 Oct 1889 . 1.

Slight. The Weekly Visalia Delta, 3 Oct 1889, p. 3.

VISALIA I=H

Rather heavy. Tulare County Times (Visalia), 3 Oct 1889, p. 3.

Gentle. The Weekly Visalia Delta, 3 Oct 1889, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1890 Feb 9  
TIME: 12:06 GMT  
LOCATION: 33.500N 116.500W SOUTHERN CALIFORNIA

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LOS ANGELES COUNTY

LOS ANGELES I=5

Windows rattled; awoke people. Los Angeles Times, 10 Feb 1890,  
p. 3.

PASADENA I=5

Awoke people from a sound slumber. Los Angeles Times, 10 Feb  
1890, p. 7.

Woke people; some frightened. Los Angeles Times, 11 Feb 1890,  
p. 7.

Few knew of the shock. Pasadena Daily Evening Star, 10 Feb 1890,  
p. 2.

POMONA I=6

Several panes of glass broken; some crockery moved from shelves.  
Los Angeles Daily Herald, 10 Feb 1890, p. 31.

Awoke about half the people in town. The Pomona Progress, 13 Feb  
1890, p. 1.

RAYMOND I=F

Plainly felt. Los Angeles Times, 11 Feb 1890, p. 7.

SAN PEDRO I=F

Mild but distinct. Holden (1898), p. 147.

ORANGE COUNTY

SANTA ANA I=5

Awoke the people in town. Santa Ana Standard, 15 Feb 1890, p. 3.

RIVERSIDE COUNTY

RIVERSIDE I=6

Awoke nearly everyone; people frightened; town clock bell rang. Riverside Daily Press, 10 Feb 1890, p. 3.

SAN JACINTO I=F

"The green earth hearabouts had a chill Sunday morning, and it shook until its teeth rattled." San Jacinto Register, 13 Feb 1890, p. 3.

SOUTH RIVERSIDE I=5

People awakened. South Riverside Bee, 14 Feb 1890, p. 3.

W.K. THOMPSON'S RANCH, ON THE DIVIDE BETWEEN WILSON'S AND LANCASTER VALLEY I=6+

Springs started. The San Diego Union, 22 Mar 1890, p. 5.

SAN BERNARDINO COUNTY

CHINO I=H

Heavy. Chino Valley Champion, 14 Feb 1890, p. 2.

COLTON I=H

Heavy. Los Angeles Daily Herald, 10 Feb 1890, p. 31.

REDLANDS I=S

Lively; most severe in a number of years. The Citrograph (Red-

lands), 15 Feb 1890, p. 6.

SAN DIEGO COUNTY

LA JOLLA I=F

Felt. The San Diego Union, 12 Feb 1890, p. 8.

NATIONAL CITY I=F

Felt. Parsons (unpublished).

SAN DIEGO I=5

A number of people awakened; a bundle of papers thrown from a table. The San Diego Union, 10 Feb 1890, p. 4.

Startled sleepers all over town. The Sun (San Diego), 10 Feb 1890, p. 5.

SOUTHERN CALIFORNIA

EACH TOWN ON THE SOUTHERN PACIFIC LINE BETWEEN POMONA AND YUMA I=F

"Communications by wire from all of the towns on the line of the Southern Pacific, between here and Yuma, convey the information that the shock was felt with equal severity in each, as far as the Colorado River." Los Angeles Daily Herald, 10 Feb 1890, p. 31.

STATE OF ARIZONA

YUMA I=F

Felt. Los Angeles Daily Herald, 10 Feb 1890, p. 31.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1890 Apr 24  
TIME: 11:36 GMT  
LOCATION: 36.900N 121.600W SURFACE RUPTURE OF SAN ANDREAS NEAR SAN JUAN

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ALAMEDA COUNTY

ALAMEDA I=4-5

Stopped an electric clock. Oakland Tribune, 24 Apr 1890, p. 1.

CENTERVILLE I=6?

Many frightened. The Examiner (San Francisco), 25 Apr 1890, p. 1.

LIVERMORE I=H

Heavy. The Examiner (San Francisco), 25 Apr 1890, p. 1.

NEWARK I=6?

Many people frightened. Santa Cruz Daily Sentinel, 25 Apr 1890,  
p. 3.

OAKLAND I=5-6

Stopped a few clocks. The Morning Times (Oakland), 24 Apr 1890,  
p. 1.

Awoke nearly everybody; crockery and glassware broken. San Fran-  
cisco Chronicle, 25 Apr 1890, p. 6.

SAN LEANDRO I=F

Felt. The Examiner (San Francisco), 25 Apr 1890, p. 1.

CONTRA COSTA COUNTY

BRENTWOOD I=L

Slight. Daily Alta California (San Francisco), 25 Apr 1890, p. 1.

MARTINEZ I=5

Sharp; very severe. Contra Costa Semi-Weekly Gazette (Martinez),  
26 Apr 1890, p. 3.

People awakened. The Examiner (San Francisco), 25 Apr 1890, p. 2.

PORT COSTA I=S

Most severe ever felt. The Examiner (San Francisco), 25 Apr 1890,  
p. 2.

SAN PABLO CREEK I=5

Woke many people. Contra Costa Semi-Weekly Gazette (Martinez),  
30 Apr 1890, p. 3.

FRESNO COUNTY

FRESNO I=N

Not felt. Fresno Weekly Expositor, 30 Apr 1890, p. 2.

MARIN COUNTY

POINT REYES I=F

Sharp. The Examiner (San Francisco), 25 Apr 1890, p. 2.

MERCED COUNTY

MERCED I=L

Slight. The Examiner (San Francisco), 25 Apr 1890, p. 2.

MONTEREY COUNTY

GONZALES I=H

Heaviest ever felt. The Examiner (San Francisco), 25 Apr 1890, p. 2.

MONTEREY I=5

Awoke many people. Monterey Argus, 26 Apr 1890, p. 4.

SALINAS I=6

Water in a large tank splashed over; people ran out. The Salinas Weekly Index, 24 Apr 1890, p. 2.

Two window panes broken. The Rustler (Watsonville), 26 Apr 1890, p. 3.

SAN LUCAS I=H

Heavy. Sacramento Daily Record-Union, 25 Apr 1890, p. 1.

#### NAPA COUNTY

NAPA I=H

Heavy. The Examiner (San Francisco), 25 Apr 1890, p. 2.

#### SAN BENITO COUNTY

HOLLISTER I=6?

House cracked. The Examiner (San Francisco), 25 Apr 1890, p. 1.

SAN JUAN I=8

Wall of a brick building thrown down; chimneys fell; walls cracked. The Examiner (San Francisco), 25 Apr 1890, p. 1.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Rang door bells; stopped many clocks; awoke many people. Daily

Alta California (San Francisco), 25 Apr 1890, p. 1.

Pictures and mirrors thrown from the walls; some crockery fell from shelves. Daily Evening Bulletin (San Francisco), 24 Apr 1890, p. 3.

Cracks in a brick wall widened; plastering fell; a number of loose bricks dropped out of place. The Morning Call (San Francisco), 25 Apr 1890, p. 3.

SAN JOAQUIN COUNTY

LATHROP I=H

Quite heavy. Santa Cruz Daily Sentinel, 25 Apr 1890, p. 3.

STOCKTON I=4

Felt by those awake; rattled doors and windows. Stockton Daily Independent, 25 Apr 1890, p. 2.

SAN MATEO COUNTY

HALFMOON BAY I=5

People awakened. Times-Gazette (Redwood City), 26 Apr 1890, p. 5.

MENLO PARK I=F

Little shaking. Times-Gazette (Redwood City), 26 Apr 1890, p. 5.

REDWOOD CITY I=5-6

Threw crockery and other articles from shelves; clocks stopped. The Examiner (San Francisco), 25 Apr 1890, p. 1.

SAN MATEO I=5

Rang door bells. The Examiner (San Francisco), 25 Apr 1890, p. 1.

SANTA CLARA COUNTY

AGNEWS I=H

Very heavy. Santa Cruz Daily Sentinel, 25 Apr 1890, p. 3.

COLLEGE PARK I=6

Beds moved six inches to a foot. The Examiner (San Francisco), 25 Apr 1890, p. 2.

GILROY I=5-6

Clocks stopped; light articles of crockery and glassware toppled down. The Examiner (San Francisco), 25 Apr 1890, p. 2.

LOS GATOS I=6?

A few clocks stopped; many people considerably frightened. The Examiner (San Francisco), 25 Apr 1890, p. 2.

MAYFIELD I=6

Plastering broken; clocks stopped. The Examiner (San Francisco), 25 Apr 1890, p. 2.

MOUNTAIN VIEW I=5-6

Clocks stopped; dishes broken. Santa Cruz Daily Sentinel, 25 Apr 1890, p. 3.

SAN JOSE I=5

Awoke the soundest sleepers. San Jose Daily Herald, 24 Apr 1890, p. 3.

Stopped clocks; large number of people rushed out; furniture moved. San Jose Daily Mercury, 25 Apr 1890, p. 3.

SANTA CLARA I=H

Heaviest ever known. Santa Cruz Daily Sentinel, 25 Apr 1890, p. 3.

SARGENT ASPHALT MINES I=6+

Started a flow of petroluem. The Pajaronian (Watsonville), 22 May 1890, p. 3.

SARGENTS I=8

Several chimneys demolished; trees in some places uprooted. Monterey Cypress, 26 Apr 1890, p. 4.

An old adobe tumbled down. Santa Cruz Surf, 10 May 1890, p. 3.

SANTA CRUZ COUNTY

BOULDER CREEK I=5-6

Many jumped from their beds. The Examiner (San Francisco), 25 Apr 1890, p. 1.

Clocks stopped; "any amount of dishes were broken"; babies were rolled out of their cradles. Santa Cruz Daily Sentinel, 25 Apr 1890, p. 3.

RAILROAD BRIDGE NEAR CHITTENDEN I=6+

Bridge moved a foot and a half out of line. The Rustler (Watsonville), 26 Apr 1890, p. 3.

CHITTENDEN RANCH I=7

Chimney thrown down; tank demolished; plaster torn off. Santa Cruz Surf, 3 May 1890, p. 6.

Tar spring opened. The Pajaronian (Watsonville), 22 May 1890, p. 3.

CORRELITOS I=9

Chimneys thrown down or twisted; several buildings twisted half around; engines at the paper mill displaced. The Rustler (Watsonville), 26 Apr 1890, p. 3.

FELTON I=H

Heaviest of two shocks. Santa Cruz Daily Sentinel, 25 Apr 1890,

p. 3.

GLENWOOD I=6+

Ground cracked. Santa Cruz Daily Sentinel, 25 Apr 1890, p. 3.

GREEN VALLEY I=8

Only one chimney uninjured, the rest were sunken, twisted, or broken off. The Rustler (Watsonville), 26 Apr 1890, p. 3.

BETWEEN LOS VEGAS AND CORRALITOS I=8

Not a chimney standing. Santa Cruz Surf, 26 Apr 1890, p. 7.

PAJARO, AT A RAILROAD BRIDGE I=8

Numerous cracks in the ground and numerous landslides; wood frame house knocked out of perpendicular; chimney thrown down; hen house thrown on its side; fence railings snapped. The Examiner (San Francisco), 25 Apr 1890, p. 1.

ALONG THE SAN JUAN ROAD FROM WATSONVILLE I=7-8

A few old houses twisted out of shape; many chimneys cracked, a few thrown down. The Rustler (Watsonville), 26 Apr 1890, p. 3.

SANTA CRUZ I=6

Awoke the people of the town; windows broken; walls cracked. Santa Cruz Daily Sentinel, 25 Apr 1890, p. 3.

WATSONVILLE I=6

Lamps thrown from tables; heavy articles moved; plaster cracked and broken. The Rustler (Watsonville), 26 Apr 1890, p. 3.

BETWEEN WATSONVILLE AND CHITTENDEN RANCH I=6+

Large land slides. Santa Cruz Surf, 3 May 1890, p. 6.

WRIGHTS I=5

Awoke almost every person; furniture rattled. Santa Cruz Surf  
26 Apr 1890, p. 7.

SOLANO COUNTY

BENICIA I=5

Awoke the people. The Examiner (San Francisco), 25 Apr 1890, p. 2.

VALLEJO I=6?

Startled many of the inhabitants. Vallejo Weekly Chronicle,  
25 Apr 1890, p. 3.

SONOMA COUNTY

PETALUMA I=4-5

"Some people were badly frightened." Oakland Tribune, 24 Apr  
1890, p. 1.

SANTA ROSA I=5

Stopped clocks; woke a majority of the people. Daily Republican  
(Santa Rosa), 24 Apr 1890, p. 4.

STANISLAUS COUNTY

MODESTO I=L

Slight. Daily Evening News (Modesto), 24 Apr 1890, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1890 Jul 26  
TIME: 09:40 GMT  
LOCATION: 40.500N 124.500W OFFSHORE HUMBOLDT COUNTY

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DEL NORTE COUNTY

CRESCENT CITY I=5

Awoke sleepers. Del Norte Record (Crescent City), 2 Aug 1890,  
p. 3.

HUMBOLDT COUNTY

ARCATA I=5-6

Stopped most clocks; threw down some bottles in a drug store.  
The Arcata Union, 2 Aug 1890, p. 3.

EUREKA I=5

Stopped clocks. Daily Humboldt Times (Eureka), 27 July 1890,  
p. 3.

FERNDALE I=H

Heavy. The Ferndale Enterprise, 1 Aug 1890, p. 4.

GRIZZLY BLUFF I=7<sup>+</sup>

Chimney shaken down. The Ferndale Enterprise, 1 Aug 1890, p. 4.

HYDESVILLE I=S

Severe. The Examiner (San Francisco), 27 July 1890, p. 2.

SOUTH OF HYDESVILLE I=6+?

Broke the telegraph wire. Daily Humboldt Times (Eureka), 27 July 1890, p. 3.

MOUNTAIN GLEN SPRINGS I=6+

Springs increased flow. Western Watchman (Eureka), 2 Aug 1890, p. 3.

ROHNERVILLE I=F

Residents shaken up rather lively. The Rohnerville Herald, 30 July 1890, p. 3.

WALKER PLACE, NEAR PETROLIA I=7

Spring resumed flow; chimney thrown down; pictures, books, crockery, etc. scattered over the floors. The Ferndale Enterprise, 1 Aug 1890, p. 4.

#### MENDOCINO COUNTY

FORT BRAGG I=F

Felt. Mendocino Dispatch Democrat (Ukiah), 1 Aug 1890, p. 3.

MENDOCINO I=5

Slumber of citizens disturbed. The Mendocino Beacon, 2 Aug 1890, p. 3.

#### SISKIYOU COUNTY

SISSON I=F

Felt. Weekly Humboldt Times (Eureka), 31 July 1890, p. 1.

#### SOLANO COUNTY

SUISUN I=F?

Felt (see discussion). Daily Evening Bulletin (San Francisco),

28 July 1890, p. 1.

SONOMA COUNTY

PETALUMA I=F

Felt. San Francisco Chronicle, 27 July 1890, p. 13.

TRINITY COUNTY

WEAVERVILLE I=4

Windows rattled. Weekly Trinity Journal (Weaverville), 2 Aug 1890, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1891 Jan 2  
TIME: 20:00 GMT  
LOCATION: 37.100N 121.800W SANTA CRUZ MOUNTAINS

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ALAMEDA COUNTY

ALAMEDA I=6

"Buildings rocked, and many Park-Street merchants and clerks rushed out into the street. No damage was reported done." The Morning Call (San Francisco), 2 Jan 1891, p. 2.

NORTH OAKLAND I=L

Slight. The Morning Times (Oakland), 3 Jan 1891, p. 1.

OAKLAND I=4

Felt by many. The Morning Times (Oakland), 3 Jan 1891, p. 2.

PLEASANTON I=4

Lamps swayed; houses rattled; things jingled. San Francisco Chronicle, 3 Jan 1891, p. 3.

SAN LEANDRO I=F

Sharp. The Examiner (San Francisco), 3 Jan 1891, p. 3.

CONTRA COSTA COUNTY

MARTINEZ I=F

Gentle. Contra Costa Semi-Weekly Gazette (Martinez), 3 Jan 1891, p. 3.

MARIN COUNTY

SAN RAFAEL I=L

Slight. Marin County Tocsin (San Rafael), 3 Jan 1891, p. 3.

MERCED COUNTY

MERCED I=4

Slight. Merced Express, 3 Jan 1891, p. 3.

Glassware rattled. The Examiner (San Francisco), 3 Jan 1891, p. 3.

MONTEREY COUNTY

MONTEREY I=4

Rattled bottles and crockery. Monterey Cypress, 3 Jan 1891, p. 1.

SALINAS I=5

Rattled dishes; stopped clocks. The Salinas Weekly Index, 8 Jan 1891, p. 3.

SAN BENITO COUNTY

HOLLISTER I=F

Sharp. The San Benito Advance (Hollister), 9 Feb 1891, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=F

Hardly perceptible in the more elevated points, more perceptible on made ground. Daily Alta California (San Francisco), 3 Jan 1891, p. 8.

SAN JOAQUIN COUNTY

LATHROP I=5-6

Clocks stopped; lamp chimneys broken. Daily Alta California (San Francisco), 3 Jan 1891, p. 8.

STOCKTON I=5-6

Numbers of clocks stopped; people ran out; not felt by those on the street and those on ground floors. Stockton Daily Independent, 3 Jan 1891, p. 3.

#### SAN MATEO COUNTY

HALF MOON BAY I=S

Severe. Redwood City Democrat, 8 Jan 1891, p. 2.

MENLO PARK I=F

Felt. Redwood City Democrat, 8 Jan 1891, p. 2.

REDWOOD CITY I=4

Rattled Windows. Redwood City Democrat, 8 Jan 1891, p. 2.

SAN MATEO I=F

Prolonged. Times-Gazette (Redwood City), 3 Jan 1891, p. 3.

#### SANTA CLARA COUNTY

GILROY I=4

Gas fixtures and movables swayed. Daily Alta California (San Francisco), 3 Jan 1891, p. 8.

LOS GATOS I=F

Sharp. The Examiner (San Francisco), 3 Jan 1891, p. 3.

MT. HAMILTON I=6

Stopped a clock; several ceilings cracked and large pieces of plaster knocked off; framed photographs on a mantle overthrown.

The Examiner (San Francisco), 3 Jan 1891, p. 3.

SAN JOSE I=6

Clock stopped; people ran out. The Daily Record (San Jose), 2 Jan 1891, p. 3.

Clocks stopped; window cracked. San Jose Daily Herald, 2 Jan 1891, p. 3.

Several panes of glass broken. San Jose Daily Mercury, 3 Jan 1891, p. 4.

SANTA CRUZ COUNTY

BOULDER CREEK I=6

General rush for the streets. The Examiner (San Francisco), 3 Jan 1891.

SANTA CRUZ I=6

Plastering shaken down; window broken; bottles and packages shaken from a drugstore's shelves; pictures and vases thrown to the floor. Santa Cruz Daily Sentinel, 3 Jan 1891, p. 3.

WATSONVILLE I=F

Sharp. The Pajaronian (Watsonville), 8 Jan 1891, p. 3.

SOLANO COUNTY

DIXON I=N

Not felt. The Dixon Tribune, 10 Jan 1891, p. 3.

VALLEJO I=4

Crockery shaken; electric bells rang. Vallejo Weekly Chronicle, 2 Jan 1891, p. 3.

SONOMA COUNTY

EL VERANO I=S

Severe. Daily Alta California (San Francisco), 3 Jan 1891, p. 8.

PETALUMA I=F

Sharp. Daily Alta California (San Francisco), 3 Jan 1891, p. 8.

STANISLAUS COUNTY

MODESTO I=4

Quite strong. Stanislaus County News (Modesto), 9 Jan 1891, p. 3.

TURLOCK I=L

Slight. Salinas Daily Journal, 3 Jan 1891, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1891 Oct 12  
TIME: 06:28 GMT  
LOCATION: 38.300N 122.300W NAPA-SONOMA COUNTY BORDER AREA

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ALAMEDA COUNTY

BERKELEY I=6?

Good many people scared. The Berkeley Herald, 15 Oct 1891, p. 2.

People awakened. Oakland Tribune, 12 Oct 1891, p. 5.

HAYWARDS I=F

Felt. Oakland Tribune, 12 Oct 1891, p. 2.

IRVINGTON I=4-5

"Our town was somewhat startled...people shaken mentally as well as physically." Oakland Enquirer, 16 Oct 1891, p. 8.

MISSION SAN JOSE I=H

Very heavy. Oakland Enquirer, 16 Oct 1891, p. 8.

NEWARK I=5

Felt by many (2:28 AM). Oakland Enquirer, 16 Oct 1891, p. 8.

OAKLAND I=5

Some people ran out. Oakland Tribune, 12 Oct 1891, p. 2.

PLEASANTON I=4-5

Considerable alarm. Oakland Enquirer, 16 Oct 1891, p. 8.

SAN LEANDRO I=4

Doors and windows rattled. San Leandro Reporter, 17 Oct 1891, p. 1.

COLUSA COUNTY

COLUSA I=4

Windows rattled; some people became greatly excited. The Weekly Colusa Sun, 17 Oct 1891, p. 1.

CONTRA COSTA COUNTY

MARTINEZ I=5

Clocks stopped; light objects overturned. Contra Costa Semi-Weekly Gazette (Martinez), 14 Oct 1891, p. 3.

SAN PABLO I=H

Heavy. Contra Costa Semi-Weekly Gazette (Martinez), 17 Oct 1891, p. 3.

WILDCAT CREEK I=F

Felt. Contra Costa Semi-Weekly Gazette (Martinez), 17 Oct 1891, p. 3.

LAKE COUNTY

LAKEPORT I=F

Barely felt. Lakeport Democrat, 16 Oct 1891, p. 2.

MARIN COUNTY

SAN RAFAEL I=5-6

People ran out. The Examiner (San Francisco), 13 Oct 1891, p. 2.

MONTEREY COUNTY

SALINAS I=5

Not noticed by many on the streets; rattled dishes. Salinas Democrat, 17 Oct 1891, p. 1.

Awoke many people. Salinas Daily Journal, 14 Oct 1891, p. 3.

NAPA COUNTY

JOHN BENSON'S PLACE NEAR OAKVILLE I=6+

Flow of water in the tunnel increased. Vallejo Weekly Chronicle, 23 Oct 1891, p. 1.

BERRYESSA I=5

Severe. The Napa Register, 16 Oct 1891, p. 3.

NAPA I=8

Mirrors and pictures dropped to the floor; plastering in many cases fell; chimneys "skewed" and some fell; window frames broken; several brick buildings cracked and thrown out of plumb. The Napa Register, 16 Oct 1891, p. 4.

500 chimneys badly damaged. The Napa Register, 16 Oct 1891, p. 3.

POPE VALLEY I=5

People aroused from their sleep. St. Helena Star, 16 Oct 1891, p. 2.

ST. HELENA I=6

Awoke the people. St. Helena Star, 16 Oct 1891, p. 2.

Iron column in D.O. Hunts building shifted an inch. St. Helena Star, 16 Oct 1891, p. 3.

Stone columns on the Hunt building shifted 3/4 inch. The Napa Register, 23 Oct 1891, p. 4.

PLACE OF C. TRUE, ON CARNEROS CREEK I=6+

Spring increased flow. Vallejo Weekly Chronicle, 23 Oct 1891, p. 1.

YOUNTVILLE I=6+

Flow of water into the reservoir increased. The Napa Register, 23 Oct 1891, p. 3.

#### SACRAMENTO COUNTY

FOLSOM I=2

Felt by only a few. The Folsom Telegraph, 17 Oct 1891, p. 3.

SACRAMENTO I=6

Chandeliers swayed. The Evening Bee (Sacramento), 12 Oct 1891, p. 1.

Not felt by many. The Morning Call (San Francisco), 12 Oct 1891, p. 1.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Clocks stopped; some people ran out. The Morning Call (San Francisco), 12 Oct 1891, p. 1.

Window cracked; some glassware disturbed; some alarm; loose bricks knocked down. The Examiner (San Francisco), 12 Oct 1891, p. 1.

#### SAN JOAQUIN COUNTY

STOCKTON I=F

Perceptible. Stockton Daily Republican, 12 Oct 1891, p. 1.

Sharp. The Mail (Stockton), 12 Oct 1891, p. 1.

#### SAN MATEO COUNTY

HALFMOON BAY I=H

Heavy. Times-Gazette (Redwood City), 17 Oct 1891, p. 2.

MENLO PARK I=S

Severe. Times-Gazette (Redwood City), 17 Oct 1891, p. 2.

PURISSIMA I=H?

Some what heavy (date given as Monday, 13 Oct). Times-Gazette (Redwood City), 17 Oct 1891, p. 2.

REDWOOD CITY I=4-5

Stopped at least one clock. Times-Gazette (Redwood City), 17 Oct 1891, p. 2.

#### SANTA CLARA COUNTY

GILROY I=L

Slight. The Examiner (San Francisco), 13 Oct 1891, p. 2.

SAN JOSE I=L

Slight. San Jose Daily Herald, 12 Oct 1891, p. 2.

#### SANTA CRUZ COUNTY

SANTA CRUZ I=L

Light. Salinas Democrat, 17 Oct 1891, p. 1.

WATSONVILLE I=L

Light. The Pajaronian (Watsonville), 15 Oct 1891, p. 3.

#### SOLANO COUNTY

BENICIA I=S

Severest since 1868. The Solano Republican (Suisun), 16 Oct 1891, p. 3.

CORDELIA I=6

School house bell rang. The Solano Republican (Suisun), 16 Oct 1891, p. 3.

DIXON I=4-5

Clock stopped. The Solano Republican (Suisun), 23 Oct 1891, p. 3.

FAIRFIELD I=H

Heavy. The Examiner (San Francisco), 13 Oct 1891, p. 2.

MARE ISLAND I=5

Some people went out into the avenues; a few clocks stopped. Vallejo Weekly Chronicle, 16 Oct 1891, p. 3.

SUISUN I=4-5

People alarmed. The Solano Republican (Suisun), 16 Oct 1868, p. 3.

VALLEJO I=5-6

People ran out. The Vallejo Weekly Times, 17 Oct 1891, p. 3.

#### SONOMA COUNTY

BLOOMFIELD I=4-5

Some people badly frightened. Santa Rosa Daily Democrat, 16 Oct 1891, p. 1.

CLOVERDALE I=N

Not felt. Healdsburg Enterprise, 17 Oct 1891, p. 2.

HEALDSBURG I=5-6

Severe. Daily Republican (Santa Rosa), 14 Oct 1891, p. 4.

Some glasses broken. The Examiner (San Francisco), 13 Oct 1891, p. 2.

PETALUMA I=6

Door bells rang; some plastering badly cracked. The Examiner (San Francisco) 13 Oct 1891, p. 2.

POLPULA RANCH I=6+

Springs increased flow. The Sonoma Democrat (Santa Rosa), 17 Oct 1891, p. 5.

F. F. RINGSTROM'S FARM I=7

Chimney fell The Sonoma Democrat (Santa Rosa), 17 Oct 1891, p. 5.

SANTA ROSA I=S

Most violent felt for years. Daily Republican (Santa Rosa), 12 Oct 1891, p. 4.

SONOMA I=7

Chimneys demolished; windows broken. The Examiner (San Francisco), 13 Oct 1891, p. 2.

SONOMA MOUNTAIN I=H

Very heavy. Daily Republican (Santa Rosa), 13 Oct 1891, p. 4.

SUTTER COUNTY

YUBA CITY I=N

Not felt. The Sutter County Farmer (Yuba City), 16 Oct 1891, p. 2.

YOLO COUNTY

WINTERS I=6?

Most people were more or less frightened. The Winters Express,  
17 Oct 1891, p. 5.

WOODLAND I=6

People ran out; lamp thrown off a table. Woodland Daily Democrat,  
12 Oct 1891, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1892 Feb 24  
TIME: 07:20 GMT  
LOCATION: 32.600N 116.300W SAN DIEGO COUNTY-MEXICO BORDER AREA

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IMPERIAL COUNTY

LAGUNA STATION I=7?

"...every man jumped up and grabbed a wheel of a wagon...(they) could not turn loose..." Ella McCain (1955), p. 133.

MOUNTAIN SPRINGS CANYON I=6+

Rocks rolled down the canyon walls. Ella McCain (1955), p. 133.

LOS ANGELES COUNTY

LANCASTER I=N

Not felt. Antelope Valley Times (Lancaster), 3 Mar 1892, p. 2.

LONG BEACH I=F

Felt. Long Beach Breaker, 27 Feb 1892, p. 3.

LOS ANGELES I=5-6

People in tall buildings ran outside; outside people found it difficult to "regain their equilibrium"; woke many; chandelier swayed "fully three feet out of plumb". Los Angeles Times, 24 Feb 1892, p. 4.

PASADENA I=5

Not felt by hundreds. The Weekly Star (Pasadena), 2 Mar 1892, p. 1.

Few slept through the earthquake; walls creaked and groaned; windows rattled; pictures banged against the walls; clocks stopped; no damage. Los Angeles Times, 25 Feb 1892, p. 7.

POMONA I=6

"...woke those that were asleep." The Pomona Register, 24 Feb 1892, p. 3.

Clocks stopped; hanging lamps swayed; many who were not in bed ran out; no damage. Pomona Weekly Times, 27 Feb 1892, p. 1.

"Not even a glass was broken." Los Angeles Herald, 25 Feb 1892, p. 2.

"Not an ounce of plastering was thrown off any building, and not even a single rattle of a dish was heard. Los Angeles Herald, 25 Feb 1892, p. 5.

REDONDO I=S

Severe. Los Angeles Herald, 25 Feb 1892, p. 2.

SAN PEDRO I=5

"Sleepers waked; clock stopped, etc." Holden, 1898, p. 168.

SAN FERNANDO I=S

Violent. Los Angeles Herald, 25 Feb 1892, p. 6.

ORANGE COUNTY

ANAHEIM I=5

Buildings creaked; tin roofs rattled; clocks stopped; some ran outside; no damage. Anaheim Gazette, 25 Feb 1892, p. 3.

FULLERTON I=6

"Buildings groaned, glass cracked, lamp chimneys fell off; women and children screamed, while a few sought the safety of the street." Some plaster fell; a loose brick fell. The Fullerton

Journal, 25 Feb 1892, p. 3.

SANTA ANA I=6

Woke people; houses quaked; dishes rattled; many ran outside; "not a nickle's damage done to anything on earth"; whiskey barrel tipped over. Santa Ana Standard, 27 Feb 1892, p. 3.

"The walls of the water works building were cracked"; plaster cracked in several houses; clocks stopped. Los Angeles Herald, 25 Feb 1892, p. 2.

Slopped water out of open tanks. Los Angeles Herald, 26 Feb 1892, p. 6.

TUSTIN I=5-6

Woke "a number of citizens"; people ran into the streets; no damage. Los Angeles Times, 25 Feb 1892, p. 7.

#### RIVERSIDE COUNTY

BANNING I=S

Severe. The Herald of Banning, California, 25 Feb 1892, p. 3.

BEAUMONT I=S

Severe. Holden (1898), p. 169.

ELSINORE I=S

"Most severe." The Elsinore Press, 27 Feb 1892, p. 3.

INDIO I=S

Severe. Holden (1898), p. 169.

PALM SPRINGS I=S

Severe. Holden (1898), p. 169.

PERRIS I=5

Rattled glassware and "movable objects"; many were awakened; no damage to "buildings or others property". The New Era (Perris), 25 Feb 1892, p. 1.

RIVERSIDE I=6

Woke nearly everyone who was asleep; "loose doors and windows shook"; lamps and glassware clinked; a bell in a tower rang once; many rushed out of hotel rooms; buildings creaked and groaned; some ceilings were slightly cracked. Riverside Daily Press, 24 Feb 1892, p. 3.

Two bricks were shaken down. San Bernardino Daily Courier, 25 Feb 1892, p. 3.

Some plaster down; "but only a few bricks tumbled from the corners of buildings and tops of chimneys". Los Angeles Times, 25 Feb 1892, p. 7.

SAN JACINTO I=6

Some plaster fell; water spilled from a large tank. The New Era (Perris), 25 Feb 1892, p. 1.

No damage; occupants of brick buildings ran outside. San Jacinto Register, 25 Feb 1892, p. 5.

#### SAN BERNARDINO COUNTY

CHINO I=5

Woke nearly everyone; dishes and lamps rattled; tables moved; no damage "to buildings or anything else". Chino Valley Champion, 26 Feb 1892, p. 2.

COLTON I=5-6

People in one story frame buildings ran into the street in panic. The Weeki, Times-Index (San Bernardino), 26 Feb 1892, p. 8.

HESPERIA I=L

Light. San Bernardino Daily Courier, 25 Feb 1892, p. 3.

ONTARIO I=5

Buildings swayed; people frightened; in a hotel, some ran out of their rooms; clocks stopped; walls creaked; chandeliers swung. The Ontario Observer, 27 Feb 1892, p. 1.

REDLANDS I=5-6

Houses shook; windows rattled; "...various parties appeared on the streets in their night clothes". The Citrograph (Redlands), 27 Feb 1892, p. 11.

"The ceilings in some houses were cracked"; many clocks stopped. Los Angeles Times, 25 Feb 1892, p. 7.

SAN BERNARDINO I=6

Many of those in the hotels ran outside; clocks stopped; no damage. The Weekly Times-Index (San Bernardino), 26 Feb 1892, p. 7.

New window panes cracked; plaster and brick wall cracked. San Bernardino Daily Courier, 25 Feb 1892, p. 3.

Loose articles moved slightly; liquid slopped out of open containers; pictures were displaced. The Daily Sun (San Diego), 25 Feb 1892, p. 5.

"No damage was done except to break chinaware and stop clocks." Los Angeles Herald, 25 Feb 1892, p. 2.

"Some statuary toppled from pedestals." Los Angeles Times, 25 Feb 1892, p. 7.

SAN DIEGO COUNTY

BALLAST POINT LIGHT HOUSE I=5

"Clocks stopped, etc." Holden, 1898, p. 168.

BERNARDO I=5-6

Woke people; "like riding in a jobing wagon"; loose articles moved slightly; water spilled out of a cup 2/3 full; "slight displacement of furniture, etc."; pictures were displaced; a clock stopped; milk in pans slopped over. The Daily Sun

(San Diego), 25 Feb 1892, p. 5.

BUCKMAN'S SPRINGS I=6+

Severe; no damage; springs increased flow. The San Diego Union, 27 Feb 1892, p. 5.

CAMPO I=6-7

Adobe wall cracked; considerable damage to other adobe buildings. The San Diego Union, 25 Feb 1892, p. 5.

Woke everyone; no damage. The Daily Sun (San Diego), 24 Feb 1892, p. 5.

Plaster fell; difficult to stand; no damage. San Francisco Chronicle, 27 Apr 1892, p. 3.

IN THE MOUNTAINS BETWEEN CAMPO AND CARRIZO I=7

Houses were "more or less severely cracked"; prospectors and their horses were knocked to the ground; streams increased flow; rocks rolled down the mountains. San Francisco Chronicle, 27 Apr 1892, p. 3.

CARRIZO STATION I=8-9

Destroyed all the adobe buildings. Beal (1915), p. 138.

CORONADO I=5-6

Woke people; houses creaked; people ran outside; furniture swayed; clocks stopped. The Mercury (Coronado), 27 Feb 1892, p. 7.

DULZURA I=6+

"The house shook...like it was riding on a broncho." Rocks rolled down the mountains. The Daily San Diegan (San Diego), 25 Feb 1892, p. 1.

Fence posts were knocked to the ground. Elia McCain (1955), p. 134.

EL CAJON MOUNTAIN I=6+

Large fissure opened; "...the river sank ten feet in one place."  
The San Diego Union, 26 Feb 1892, p. 5.

ESCONDIDO I=5-6

Buildings and window lights rattled, "no damage whatever".  
Escondido Times, 25 Feb 1892, p. 2.

Water spilled from pitchers; lamps "tipped to one side"; crockery  
fell. Los Angeles Times, 26 Feb 1892, p. 7.

JACUMBA I=6+

Springs dried up. San Francisco Chronicle, 27 Apr 1892, p. 3.

JAMUL I=6

Stone kiln cracked; "...slight damage done at the factory."  
The Daily Sun (San Diego), 24 Feb 1892, p. 5.

JEWEL VALLEY I=6+

"Rocks rolled from the hillsides." Ella McCain (1955), p. 134.

JULIAN I=6

"Unsecured articles such as books, dishes, etc." were scattered.  
The San Diego Union, 29 Feb 1892, p. 5.

NATIONAL CITY I=6

"Nearly everyone...was out of bed and hunting for a place of  
safety..."; no damage. The National City Record, 25 Feb 1892,  
p. 2.

OTAY I=6

Things rattled; many ran outside; "no great damage." Otay Press,  
25 Feb 1892, p. 3.

The watch factory was cracked in several places. The Daily Sun  
(San Diego), 24 Feb 1892, p. 1.

PARADISE VALLEY I=8?

"...a church and school house, which had been built on stilts, came down to terra firma." The Daily Sun (San Diego), 24 Feb 1892, p. 5.

POTRERO I=7

Large adobe brick fell; people and animals frightened; "many people became ill, vomiting and purging at the bowels." Ella McCain (1955), p. 134.

SAN DIEGO I=7

People ran outside; clocks stopped; shelfgoods "narrowly escaped destruction"; people outside "were obliged to brace themselves in order to maintain equilibrium". The San Diego Union, 24 Feb 1892, p. 5.

Many ran outside; "...the plastering is cracked and broken in almost every large building in the city." "A few chimneys added the rataplan of their falling bricks to the general commotion." Bric-a-brac in "scores of houses" thrown to the floor; streets were seen to "ripple along like purling brook". The Daily Sun (San Diego), 24 Feb 1892, p. 5.

SANTA BARBARA COUNTY

SANTA BARBARA I=4-5

Beds rocked, hanging lamps swung and glasses clattered; many hotel guests felt their beds rock and sway (11:20 PM). The Weekly Independent (Santa Barbara), 27 Feb 1892, p. 4.

Felt by many; quite heavy. Los Angeles Herald, 26 Feb 1892, p. 5.

"Not one man can be found who felt it." Los Angeles Times, 25 Feb 1892, p. 7.

TULARE COUNTY

VISALIA I=L

Light. The San Diego Union, 25 Feb 1892, p. 1.

VENTURA COUNTY

NORDHOFF (OJAI) I=N

Not felt. The Ojai (Nordhoff), 2 Mar 1892, p. 3.

VENTURA I=5

Woke "quite a number". Ventura Weekly Democrat, 26 Feb 1892, p. 3.

Clocks stopped; lamps swayed. Santa Barbara Weekly Independent, 27 Feb 1892, p. 4.

STATE OF ARIZONA

YUMA I=5-6

Woke everyone; people ran out; no damage at all. The Arizona Sentinel, 27 Feb 1892, p. 3.

BAJA DEL NORTE (MEXICO)

ALAMO I=S

Severest "within the memory of the oldest inhabitant". The Daily Sun (San Diego), 24 Feb 1892, p. 5.

ENSENADA I=5-6

Considerable excitement; violently shook buildings; no damage. The Lower Californian (Ensenada), 26 Feb 1892, p. 1.

People rushed into the street. The Daily Sun (San Diego), 24 Feb 1892, p. 5.

SAN CARLOS I=5

Stopped clocks. The Lower Californian (Ensenada), 26 Feb 1892, p. 1.

SAN QUINTIN I=S

Severest "within the memory of the oldest inhabitant". The Daily Sun (San Diego), 24 Feb 1892, p. 5.

TIAJUANA I=6+

"The Tiajuana hot springs bubbled furiously..." The Daily Sun (San Diego), 24 Feb 1892, p. 5.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1892 APRIL 19  
TIME: 10:50 GMT  
LOCATION: 38.5N 122.0W VACAVILLE-WINTERS AREA

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ALAMEDA COUNTY

ALAMEDA I=4-5

Stopped a clock. Oakland Morning Times, 20 Apr 1892, p. 5.

ALVARADO I=F

Felt. San Francisco Chronicle, 20 Apr 1892, p. 1.

BERKELEY I=F

Felt. San Francisco Chronicle, 20 Apr 1892, p. 1.

EMERYVILLE I=5-6

Several glasses and bottles knocked over. Oakland Morning Times, 21 Apr 1892, p. 8.

IRVINGTON I=S

Severe. Oakland Enquirer, 22 Apr 1892, p. 8.

MILPITAS I=F

Felt. Oakland Enquirer, 22 Apr 1892, p. 3.

MISSION SAN JOSE I=H

Very heavy. Oakland Enquirer, 22 Apr 1892, p. 3.

NILES I=H

Heaviest since 1868. Oakland Enquirer, 22 Apr 1892, p. 3.

OAKLAND I=5-6

Clocks stopped. Oakland Enquirer, 19 Apr 1892, p. 1.

People ran out. Oakland Tribune, 19 Apr 1892, p. 1.

OAKLAND HARBOR L. H. I=H

Strong. Holden (1898), p. 186.

SAN LEANDRO I=5

Stopped several clocks. Oakland Enquirer, 22 Apr 1892, p. 3.

#### AMADOR COUNTY

IONE I=4

"...caused quite a lively shaking of windows." The Record-Union (Sacramento), 20 Apr 1892, p. 1.

JACKSON I=5

Felt by a number of people (2:50 AM). The Amador Dispatch (Jackson), 23 Apr 1892, p. 2.

SUTTER CREEK I=5

People awakened; windows and doors rattled; picture frames displaced. The Record-Union (Sacramento), 20 Apr 1892, p. 1.

#### BUTTE COUNTY

BIGGS I=5

Stopped clocks, cracked plaster. The Record-Union (Sacramento), 20 Apr 1892, p. 1.

CHICO I=6?

Several clocks stopped. Cracked a chimney (?). Chico Weekly Chronicle-Record, 23 Apr 1892, p. 3.

OROVILLE I=H

Heavy. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

PALERMO I=5

Awoke people; rattled windows. San Francisco Chronicle, 20 Apr 1892, p. 1.

#### CALAVERAS COUNTY

MILTON I=4-5

Frightened people. San Francisco Chronicle, 20 Apr 1892, p. 1.

MOKELUMNE HILL I=5

Many people awakened. The Calaveras Chronicle (Mokelumne Hill), 23 Apr 1892, p. 3.

SAN ANDREAS I=4-5

Awoke some people. The Calaveras Prospect (San Andreas), 23 Apr 1892, p. 3.

#### COLUSA COUNTY

COLUSA I=5

Clocks stopped. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

MILLS STATION I=H

One of the heaviest shocks ever felt. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

SYCAMORE I=6

Plaster down. The Weekly Colusa Sun, 23 Apr 1892, p. 1.

WILLIAMS I=7

Walls cracked; chimneys jarred down. Oakland Enquirer, 19 Apr 1892, p. 1.

#### CONTRA COSTA COUNTY

ANTIOCH I=5

A few clocks stopped. The Weekly Antioch Ledger, 23 Apr 1892, p. 3.

DANVILLE I=F

Same as Martinez. Contra Costa Semi-Weekly Gazette (Martinez), 20 Apr 1892, p. 3.

EAST BROTHER L. H. I=F

Not heavy. Holden (1898), p. 186.

MARTINEZ I=7

Chimneys down; articles thrown from shelves in many instances. Contra Costa Semi-Weekly Gazette (Martinez), 20 Apr 1892, p. 3.

#### EL DORADO COUNTY

CLARKSVILLE I=5

Awoke most people. The Mountain Democrat (Placerville), 23 Apr 1892, p. 1.

PLACERVILLE I=5

"This city was rudely awakened." The Mountain Democrat (Placerville), 23 Apr 1892, p. 5.

FRESNO COUNTY

FRESNO I=4

Rattled dishes; awoke a few. San Francisco Chronicle, 20 Apr 1892, p. 1.

GLENN COUNTY

FRUTO I=N

Not felt. San Francisco Chronicle, 20 Apr 1892, p. 1.

ORLAND I=F

Distinct. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

WILLOWS I=6?

A number badly scared. Oakland Enquirer, 19 Apr 1892, p. 1.

KERN COUNTY

BAKERSFIELD I=N

Not felt. The Kern County Gazette, 23 Apr 1892, p. 2.

LAKE COUNTY

MIDDLETOWN I=S

Quite severe. Middletown Independent, 23 Apr 1892, p. 3.

MARIN COUNTY

ANGEL ISLAND L. H. I=F

Felt on island, not at lighthouse. Holden (1898), p. 186.

LIME POINT L. H. I=4

Rattled windows. Holden (1898), p. 186.

SAN RAFAEL I=5-6

Awoke most people. Marin County Tocsin (San Rafael), 23 Apr 1892, p. 3.

Stopped clocks; knocked crockery from shelves. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

#### MENDOCINO COUNTY

UKIAH I=N

Not felt. Mendocino Dispatch Democrat (Ukiah), 22 Apr 1892, p. 2.

#### MERCED COUNTY

MERCED I=5

Stopped and started a clock; awoke half the people in town. Merced Express, 23 Apr 1892, p. 3.

#### MODOC COUNTY

ADIN I=N

Not felt. Weekly Adin Argus, 28 Apr 1892, p. 3.

#### MONO COUNTY

BRIDGEPORT I=2-3

Not many felt it. Bridgeport Chronicle-Union, 23 Apr 1892, p. 3.

#### MONTEREY COUNTY

BRADLEY I=L

Hardly perceptible. The Salinas Weekly Index, 28 Apr 1892, p. 3.

SALINAS I=F

Sharp. Salinas Daily Journal, 20 Apr 1892, p. 1.

NAPA COUNTY

CALISTOGA I=5

Stopped a clock; awoke people (?). Independent Calistogian  
(Calistoga), 20 Apr 1892, p. 3.

NAPA I=6?

Quite severe. The Napa Journal, 22 Apr 1892, p. 3.

Clocks stopped; people generally alarmed; no damage of moment.  
The Napa Register, 22 Apr 1893, p. 3.

POPE VALLEY I=5

People awakened. St. Helena Star, 22 Apr 1892, Supp.

RUTHERFORD I=5

Ceiling cracked. St. Helena Star, 22 Apr 1892, Supp.

ST. HELENA I=6

Stopped clocks; awoke people; wall of a building badly cracked.  
St. Helena Star, 22 Apr 1892, Supp.

NEVADA COUNTY

GRASS VALLEY I=6

People generally awakened; a few bricks fell from the tops of  
chimneys. Grass Valley Daily Union, 20 Apr 1892, p. 3.

NEVADA CITY I=5

Stopped clocks; awoke the soundest sleepers; doors, windows,  
and crockery rattled loudly. Nevada Daily Transcript, 19 Apr  
1892, p. 3.

TRUCKEE I=5

Awoke everyone. Grass Valley Daily Union, 22 Apr 1892, p. 3.

PLACER COUNTY

AUBURN I=F

Distinct. Daily Evening Bulletin (San Francisco), 19 Apr 1892, p. 3.

CISCO I=H

Strong. The Evening Bee (Sacramento), 19 Apr 1892, p. 1.

LOOMIS I=5

Almost everybody awakened. The Evening Bee (Sacramento), 19 Apr 1892, p. 1.

NEWCASTLE I=F

Quite distinct. The Record-Union (Sacramento), 20 Apr 1892, p. 1.

PLUMAS

GREENVILLE I=5

Awoke many people. The Plumas National (Quincy), 23 Apr 1892, p. 3.

QUINCY I=5

"Our citizens were somewhat shaken up..." (2:50 AM). The Plumas National (Quincy), 23 Apr 1892, p. 3.

SACRAMENTO COUNTY

COURTLAND I=F

No damage. The Evening Bee (Sacramento), 19 Apr 1892, p. 1.

ELK GROVE I=6

Plaster knocked off. The Record-Union (Sacramento), 29 Apr 1892, p. 5.

FLORIN I=S

Severest shock ever felt. The Evening Bee (Sacramento), 19 Apr 1892, p. 1.

FOLSOM I=5

"Over half the people in town felt the shock." (2:50 AM).  
The Folsom Telegraph, 23 Apr 1892, p. 3.

GALT I=F

No damage. Weekly Galt Gazette, 23 Apr 1892, p. 3.

ORANGE VALE I=5-6

Cracked plaster; knocked down utensils. The Evening Bee (Sacramento), 19 Apr 1892, p. 1.

SACRAMENTO I=7

Plaster fell; dishes rattled, some thrown to floor; building cracked; some loose bricks knocked down. The Evening Bee (Sacramento) 19 Apr 1892, p. 1.

Chimney thrown down. The Record-Union (Sacramento), 20 Apr 1892, p. 3.

WHITE ROCK I=L

Light. The Mountain Democrat (Placerville), 23 Apr 1892, p. 1.

#### SAN BERNARDINO COUNTY

SAN BERNARDINO I=F?

Felt (?). Oakland Enquirer, 19 Apr 1892, p. 1.

SAN FRANCISCO COUNTY

FORT POINT L. H. I=4

Awoke observer, not felt by many. Holden (1898), p. 186.

SAN FRANCISCO I=7

Propped up wall knocked down; people ran out; some small objects thrown to the floor. Daily Evening Bulletin (San Francisco), 19 Apr 1892, p. 3.

Clocks stopped; some old chimneys toppled over. The Morning Call, 20 Apr 1892, p. 8.

YERBA BUENA L. H. I=H

Very heavy. Holden (1898), p. 186.

SAN JOAQUIN COUNTY

LATHROP I=4-5

"...the inhabitants were much startled..." The Record-Union (Sacramento), 20 Apr 1892, p. 1.

LODI I=5

Severest ever felt. The Valley Review (Lodi), 21 Apr 1892, p. 3.

Stopped all the clocks in town. The Record-Union (Sacramento), 20 Apr 1892, p. 1.

STOCKTON I=5+

Some panic at the Insane Asylum; "No very serious damage was done..." Oakland Enquirer, 19 Apr 1892, p. 1.

TRACY I=5+

Distinct; "No damage of consequence was done." The Record-Union  
(Sacramento), 20 Apr 1892, p. 1.

SAN MATEO COUNTY

BONITA POINT L. H. I=5

Awoke sleepers. Holden (1898), p. 186.

HALFMOON BAY I=S

Severe. Redwood City County Times-Gazette, 23 Apr. 1892, p. 3.

LOBITOS I=F

Quite a long shock. San Mateo County Times-Gazette (Redwood  
City), 23 Apr 1892, p. 3.

MENLO PARK I=F

Felt. Redwood City Democrat, 21 Apr 1892, p. 2.

PESCADERO I=F

Good shake. San Mateo County Times-Gazette (Redwood City),  
23 Apr 1892, p. 3.

REDWOOD CITY I=S

Violent. San Mateo County Times-Gazette (Redwood City),  
23 Apr 1892, p. 3.

SEARSVILLE I=H

Heavy. San Mateo County Times-Gazette (Redwood City), 23 Apr  
1892, p. 3.

SANTA CLARA COUNTY

GILROY I=F

Felt. San Francisco Chronicle, 20 Apr 1892, p. 1.

MT. HAMILTON I=5

Awoke sleepers. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

SAN JOSE I=5

Windows rattled. San Jose Daily Mercury, 19 Apr 1892, p. 8.

Stopped clocks; awoke quite a number of people. San Jose Daily Mercury, 20 Apr 1892, p. 8.

SMITH CREEK (AT THE FOOT OF MT. HAMILTON) I=F

Felt. Holden (1898), p. 183.

SANTA CRUZ COUNTY

SANTA CRUZ I=F

Distinct. Santa Cruz Surf, 23 Apr 1892, p. 4.

Quite sharp. Santa Cruz Daily Sentinel, 19 Apr 1892, p. 3.

SHASTA COUNTY

REDDING I=4?

Felt by several (date of earthquake not indicated) Weekly Free Press (Redding), 23 Apr 1892, p. 3.

Not felt. The Weekly Shasta Courier, 23 Apr 1892, p. 3.

SHASTA I=N

Not felt. The Weekly Shasta Courier, 23 Apr 1892, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=H

Quite heavy. The Record-Union (Sacramento), 20 Apr 1892, p. 1.

GIBSONVILLE I=F?

Felt (date of earthquake not indicated). The Plumas National  
(Quincy), 30 Apr 1892, p. 3.

SIERRAVILLE I=5

Stopped clocks. Sierra Valley Leader, 22 Apr 1892, p. 3.

#### SOLANO COUNTY

MR. L. R. ABERNATHIE'S HOUSE I=7?

House seriously injured. The Solano Republican (Suisun),  
22 Apr 1892, p. 3.

ALLENDALE I=9

Several houses knocked off their foundations; some houses  
thrown down. The Dixon Tribune, 29 Apr 1892, p. 2.

MR. WM. BAKER'S RESIDENCE I=5+

House damaged. The Express (Winters), 23 Apr 1892, p. 1.

BATAVIA I=7

Chimneys down. The Dixon Tribune, 22 Apr 1892, p. 3.

BENICIA I=7

Chimneys and plaster fell; clocks stopped; crockery broken.  
The Solano Republican (Suisun), 22 Apr 1892, p. 3.

BINGHAMTON I=8

Nearly all chimneys thrown down; brick building uninjured.  
The Dixon Tribune, 22 Apr 1892, p. 2.

Brick wall leaning out; roof spread; house moved on foundation.  
The Dixon Tribune, 29 Apr 1892, p. 2.

MRS. G. M. BLAKE'S I=6?

House cracked. Vacaville Reporter, 21 Apr 1892, p. 1.

JUDGE BLANCHARD'S I=6

Furniture overturned. Vacaville Reporter, 21 Apr 1892, p. 1.

MRS. BLOOM'S RESIDENCE I=5-6

Objects broken. The Dixon Tribune, 22 Apr 1892, p. 3.

JOHN BRINCKERHOFF'S I=7

"Chimney and mantel badly wrecked." The Dixon Tribune, 22 Apr 1892, p. 3.

BROWN'S VALLEY I=8

Not a chimney remains standing; heavy furniture moved. Vacaville Reporter, 21 Apr 1892, p. 1.

FRED BUCK'S I=5+

Damaged. Vacaville Reporter, 21 Apr 1892, p. 1.

FRANK BUCK'S RANCH I=6-7

"A heavy sewing-machine was thrown across the room." Vacaville Reporter, 21 Apr 1892, p. 1.

MRS. E. P. BUCKINGHAM'S I=7

Chimneys down; furniture overturned. Vacaville Reporter, 21 Apr 1892, p. 1.

T. N. BUCKLES' RESIDENCE I=7

Chimneys down. The Dixon Tribune, 22 Apr 1892, p. 3.

WM. BUTCHER'S I=6+

House badly damaged. Vacaville Reporter, 21 Apr 1892, p. 1.

C. W. CANTELOW'S I=8

House moved; foundation of chimney cracked; chimney cap shaken off. Letter from C. W. Cantelow to his parents, 19 Apr 1892.

L. A. CANTELOW, CANTELOW RANCH I=8

Chimney down; furniture overturned; underframing damaged; house split. Letter from L. A. Cantelow to his parents, 19? Apr 1892.

D. COOLEY'S I=5+

No serious damage. The Dixon Tribune, 22 Apr 1892, p. 3.

CORDELIA I=5-6

Some damage. The Dixon Tribune, 29 Apr 1892, p. 2.

Pans of milk upset; crockery broken. The Solano Republican (Suisun), 22 Apr 1892, p. 3.

MRS. H. CULVER'S I=7?

"Windmill and tank shaken down." House badly damaged. The Dixon Tribune, 22 Apr 1892, p. 3.

M. S. CURREY'S PLACE I=F

No damage. The Dixon Tribune, 22 Apr 1892, p. 3.

DAGGET RANCH I=H

Very heavy. Vacaville Reporter, 21 Apr 1892, p. 1.

W. G. DAVIS' I=6+

House is a total wreck. Vacaville Reporter, 21 Apr 1892, p. 1.

JOHN DICKSON'S I=5+

House damaged. Vacaville Reporter, 21 Apr 1892, p. 1.

DIXON I=8

Numerous chimneys and fire walls down; some walls down; a few roofs fell in. The Dixon Tribune, 19 Apr 1892, p. 1.

Monuments in the cemetery down. The Solano Republican (Suisun), 22 Apr 1892, p. 3.

J. G. DUKE'S RESIDENCE I=7

Chimneys down. The Dixon Tribune, 22 Apr 1892, p. 3.

DUTTONS LANDING I=7

Chimneys down; milk slopped from pans in quantity. The Dixon Tribune, 22 Apr 1892, p. 2.

Water pipes disconnected from boilers. The Dixon Tribune, 29 Apr 1892, p. 2.

THOS. EIBE'S HOME I=9

Roof caved in; chimney down; building twisted off foundation. The Dixon Tribune, 22 Apr 1892, p. 3.

Mrs. H. C. ELLIS' RESIDENCE I=7

Chimney down. The Dixon Tribune, 22 Apr 1892, p. 3.

ELMIRA I=8

Light damage. The Dixon Tribune, 19 Apr 1892, p. 1.

"But a few chimneys are standing". The Morning Call (San Francisco), 20 Apr 1892, p. 8.

JOS. ETZEL'S HOUSE I=7

All chimneys down. The Dixon Tribune, 22 Apr 1892, p. 3.

FAIRFIELD I=8

Chimney twisted; plaster down; top of bell tower fell in; top part of a brick wall fell off; chimneys throughout town injured. The Solano Republican (Suisun), 22 Apr 1892, p. 3.

GARL GATES DWELLING I=9

Totally collapsed. Vacaville Reporter, 21 Apr 1892, p. 1.

NAN GORDON'S HOUSE I=7

Chimney down; near by house uninjured (Mr. Okell's). The Solano Republican (Suisun), 22 Apr 1892, p. 3.

A. C. HAWKINS' I=8

Wall collapsed. Vacaville Reporter, 21 Apr 1892, p. 1.

J. WESLEY HILL'S I=8

"The old adobe house...was badly used up." Vacaville Reporter, 21 Apr 1892, p. 1.

Building razed. The Evening Bee (Sacramento), 20 Apr 1892, p. 1.

A. B. HOLDRIDGE'S RESIDENCE I=7

Chimneys and plaster down. The Dixon Tribune, 22 Apr 1892, p. 3.

A. H. HOLLY'S RESIDENCE I=6+

Damaged considerably. The Dixon Tribune, 22 Apr 1892, p. 3.

WM. HYLAND I=7

One chimney down. The Dixon Tribune, 22 Apr 1892, p. 3.

J. D. JOHNSON'S DWELLING I=F

No damage. The Dixon Tribune, 22 Apr 1892, p. 3.

WASH JOHNSON'S I=8?

Tank collapsed. Vacaville Reporter, 21 Apr 1892, p. 1.

CHAS. LAIRD'S I=7?

House very completely wrecked. Vacaville Reporter, 21 Apr 1892, p. 1.

J. W. McFADYEN'S RESIDENCE I=7

Chimney down. The Dixon Tribune, 22 Apr 1892, p. 3.

WM. McCANN'S RESIDENCE I=7

Chimneys down. The Dixon Tribune, 22 Apr 1892, p. 3.

W. J. McELWAIN'S HOUSE I=6

Broke considerable crockery. The Dixon Tribune, 22 Apr 1892, p. 3.

McFARLAND RANCH I=H

Very heavy. Vacaville Reporter, 21 Apr 1892, p. 1.

A. A. McKEVITT'S I=5+

Damaged. Vacaville Reporter, 21 Apr 1892, p. 1.

McMAHAN RANCH I=F

No loss. The Dixon Tribune, 22 Apr 1892, p. 3.

MAINE PRAIRIE I=7

Some chimneys down. The Dixon Tribune, 22 Apr 1892, p. 2.

MARE ISLAND I=6

Some bricks shaken from a warehouse. San Francisco Chronicle,  
20 Apr 1892, p. 1.

JOHN MERCHANT'S I=8

House torn asunder. Vacaville Reporter, 21 Apr 1892, p. 1.

JAS. MILLAR'S RESIDENCE I=6

No serious damage; large number of pans of milk thrown to the floor.  
The Dixon Tribune, 22 Apr 1892, p. 3.

MIX CANYON I=6+

Springs greatly increased flow. Vacaville Reporter, 21 Apr 1892,  
p. 1.

PLAINS I=6

"...did very little damage...with the exception of spilling  
the milk and giving the housewives much trouble in cleaning their  
cellars..." The Solano Republican (Suisun), 22 Apr 1892, p. 3.

W. J. PLEASANT'S RESIDENCE I=9

Chimneys down, house shifted from its foundation. Vacaville  
Reporter, 21 Apr 1892, p. 1.

NEAR J. W. PLEASANT'S I=6+

Bridge moved forward 3 feet. Vacaville Reporter, 21 Apr 1892,  
p. 1.

JAS. PORTER'S RESIDENCE I=8

Chimneys down; house moved on foundation. The Dixon Tribune,  
22 Apr 1892, p. 3.

W. H. PREECE'S I=7

Walls detached from main building. Vacaville Reporter, 21 Apr  
1892, p. 1.

J. H. RICE'S DWELLING I=5-6

No damage, except to bric-a-brac. The Dixon Tribune, 22 Apr 1892, p. 3.

RIO VISTA I=5

Felt by all. Sacramento River News (Rio Vista), 22 Apr 1892, p. 1.

Cracked plaster. Sacramento River News (Rio Vista), 29 Apr 1892, p. 3.

RIPPEY'S PLACE I=F

About the same as Vacaville. Vacaville Reporter, 21 Apr 1892, p. 1.

ROE ISLAND L. H. I=7

Chimneys down. Holden (1898), p. 186.

HANS ROHWER'S RESIDENCE I=F

No damage. The Dixon Tribune, 22 Apr 1892, p. 3.

JACOB ROHWER'S HOUSE I=7

Chimneys down. The Dixon Tribune, 22 Apr 1892, p. 3.

SILVEYVILLE TOWNSHIP I=7-8

Nearly every building damaged. The Dixon Tribune, 22 Apr 1892, p. 3.

W. W. SMITH'S I=7

Chimneys thrown down. Vacaville Reporter, 21 Apr 1892, p. 1.

MRS. SNEAD'S RESIDENCE I=8

House twisted, foundation sunk down; considerable crockery

broken. The Dixon Tribune, 22 Apr 1892, p. 3.

R. E. L. STEPHEN'S HOUSE I=7

"House is a total wreck and about to fall in." The Dixon Tribune, 22 Apr 1892, p. 3.

SUISUN I=6

Walls cracked in brick buildings; little or no damage in frame buildings. The Solano Republican (Suisun), 22 Apr 1892, p. 3.

MRS. S. J. SUMMERS' RESIDENCE I=8

Residence twisted; foundation cracked. The Dixon Tribune, 22 Apr 1892, p. 3.

JOHN SWEANY'S HOUSE I=9

House and outhouses off foundations; chimney down. The Dixon Tribune, 22 Apr 1892, p. 3.

TREMONT I=9

Nearly every chimney down; house moved from foundation. The Dixon Tribune, 22 Apr 1892, p. 2.

RALPH UDELL'S HOUSE I=9

House moved off foundation. The Dixon Tribune, 22 Apr 1892, p. 3.

VACAVILLE I=8

Light and telephone poles broken; walls cracked; some walls thrown down; numerous chimneys down; one foundation broken. Vacaville Reporter, 21 Apr 1892, p. 1.

VALLEJO I=5+

No serious damage. The Record-Union (Sacramento), 20 Apr 1892, p. 1.

JOHN WELLS' I=5+

Damaged. Vacaville Reporter, 21 Apr 1892, p. 1.

MRS. J. WHITMAN'S I=7

Chimney down; furniture toppled over. Vacaville Reporter, 21 Apr 1892, p. 1.

J. C. WOLFSKILL'S HOUSE I=7

Chimneys down. The Solano Republican (Suisun), 22 Apr 1892, p. 3.

(J. R.) WOLFSKILL'S HOUSE I=8

House "...cracked, torn, twisted and partly thrown down,..."  
The Express (Winters), 23 Apr 1892, p. 1.

J. B. YOUNT'S RESIDENCE I=7

All chimneys down. The Dixon Tribune, 22 Apr 1892, p. 3.

#### SONOMA COUNTY

FORESTVILLE I=3?

Felt by some (date of earthquake not indicated). The Sonoma Democrat (Santa Rosa), 7 May 1892, p. 4.

GLEN ELLEN I=5

Severe. The Sonoma Index-Tribune, 23 Apr 1892, p. 3.

HEALDSBURG I=6

Plaster badly cracked. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

PETALUMA I=6

"...many people were not a little frightened..."; plaster cracked. The Sonoma Democrat (Santa Rosa), 23 Apr 1892, p. 5.

SANTA ROSA I=7

Stopped the town clock. Daily Republican (Santa Rosa), 19 Apr 1892, p. 4.

Buildings creaked and groaned; awoke many people; broke a mirror; a few windows broken. The Sonoma Democrat (Santa Rosa), 23 Apr 1892, p. 5.

Several chimneys tumbled down. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

SONOMA I=5

Awoke everyone in town. The Sonoma Index-Tribune, 23 Apr 1892, p. 3.

#### STANISLAUS COUNTY

MODESTO I=4

Felt by a number; stairways squeaked; dishes rattled. Stanislaus County Weekly News (Modesto), 22 Apr 1892, p. 3.

TURLOCK I=L

Slight. Tulare County Times, 21 Apr 1892, p. 3.

#### SUTTER COUNTY

MARCUSE I=S

Severest in years. The Examiner (San Francisco), 20 Apr 1892, p. 1.

NICOLAUS I=S

Severe. The Morning Call (San Francisco), 20 Apr 1892, p. 8.

YUBA CITY I=6

Plaster cracked and some flakes fell; clocks stopped. The Sutter County Farmer (Yuba City), 22 Apr 1892, p. 3.

#### TEHAMA COUNTY

RED BLUFF I=4-5

Few awakened; stopped a clock. Weekly People's Cause (Red Bluff), 23 Apr 1892, p. 5.

#### TULARE COUNTY

VISALIA I=N

Not felt. Daily Delta (Visalia), 20 Apr 1892, p. 3.

#### TUOLUMNE COUNTY

COLUMBIA I=F

Sharp. The Union Democrat (Sonora), 23 Apr 1892, p. 3.

SONORA I=F

Felt. The Union Democrat (Sonora), 23 Apr 1892, p. 3.

#### YOLO COUNTY

BLACKS I=7-8

Chimney and one wall thrown down. Woodland Daily Democrat, 19 Apr 1892, p. 3.

CAPAY I=8

Nearly all chimneys in town thrown down; one wall thrown down; another partially thrown down. Woodland Daily Democrat, 19 Apr 1892, p. 3.

DAVISVILLE I=6

Plaster knocked off; some walls cracked. Woodland Daily Democrat,

19 Apr 1892, p. 3.

DUNNIGAN I=6?

Wall cracked; goods thrown from shelves. Woodland Daily Democrat, 19 Apr 1892, p. 3.

ESPARTO I=8

Large amounts of plaster knocked off; chimneys down; fire wall displaced; part of a wall fell in. Woodland Daily Democrat, 19 Apr 1892, p. 3.

GRAFTON (KNIGHTS LANDING) I=6

"...walking was quite difficult while the shock lasted."  
Woodland Daily Democrat, 20 Apr 1892, p. 3.

GUINDA I=S

Very severe. Woodland Daily Democrat, 20 Apr 1892, p. 3.

KNIGHTS LANDING I=6

Plaster fell. Woodland Daily Democrat, 19 Apr 1892, p. 3.

MADISON I=7

Chimney down. Woodland Daily Democrat, 19 Apr 1892, p. 3.

MONTICELLO I=5+

Nominal damage. The Evening Bee, 19 Apr 1892, p. 3.

RUMSEY I=5-6

People ran out. The Woodland Mail, 22 Apr 1892, p. 2.

GEORGE W. SCOTT'S RESIDENCE I=7

Chimney down. Woodland Daily Democrat, 19 Apr 1892, p. 3.

WINTERS I=8

Furniture overturned; crockery broken; chimneys down. "Not a brick or stone building in town is standing intact, ..." The Express (Winters), 23 Apr 1892, p. 1.

Walls of brick buildings badly cracked and thrown out of plumb; all chimneys down; fire wall down. Woodland Daily Democrat, 19 Apr 1892, p. 3.

WOODLAND I=7

Large amounts of plaster down; walls cracked; parts of some firewalls down; chimneys down. Woodland Daily Democrat, 19 Apr 1892, p. 3.

YOLO I=6

Plaster fell in many residences. Woodland Daily Democrat, 19 Apr 1892, p. 3.

YUBA COUNTY

BROWNSVILLE I=5

People awakened. Marysville Daily Democrat, 25 Apr 1892, p. 1.

MARYSVILLE I=6

Awoke most people; clocks stopped; several ran out. Marysville Weekly Appeal, 22 Apr 1892, p. 5.

A little plaster shaken loose; some crockery and glassware broken; many people ran out. Oakland Enquirer, 19 Apr 1892, p. 1.

WHEATLAND I=5

"The vibrations...were so pronounced as to awake the soundest sleeper." The Morning Call (San Francisco), 20 Apr 1892, p. 8.

STATE OF NEVADA

CARSON CITY I=5

Clocks stopped. Daily Territorial Enterprise (Virginia City),  
20 Apr 1892, p. 3.

RENCO I=L

Slight. Holden (1898), p. 183.

VIRGINIA CITY I=5

Felt by a great many (2:50 AM). Daily Territorial Enterprise  
(Virginia City), 20 Apr 1892, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1892 Apr 21  
TIME: 17:43 GMT  
LOCATION: 38.600N 121.900W VACAVILLE-WINTERS AREA

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ALAMEDA COUNTY

ALAMEDA I=6?

"...created a general scare..." Oakland Tribune, 21 Apr 1892, p. 1.

CENTERVILLE I=F

Sharp. The Record-Union (Sacramento), 22 Apr 1892, p. 1.

HAYWARDS I=6?

"...created a general scare..." Oakland Tribune, 21 Apr 1892, p. 1.

IRVINGTON I=S

Severe. Oakland Enquirer, 22 Apr 1892, p. 8.

LIVERMORE I=L

Slight. Oakland Enquirer, 21 Apr 1892, p. 1.

OAKLAND I=5

Some people ran out. Oakland Enquirer, 21 Apr 1892, p. 1.

Stopped a clock. Oakland Morning Times, 22 Apr 1892, p. 5.

SAN LEANDRO I=6?

"...created a general scare..." Oakland Tribune, 21 Apr 1892,  
p. 1.

AMADOR COUNTY

JACKSON I=L

Slight. The Amador Dispatch (Jackson), 23 Apr 1892, p. 2.

BUTTE COUNTY

BIGGS I=6

Plaster fell; clocks stopped. The Morning Call (San Francisco),  
22 Apr 1892, p. 8.

CHICO I=5

Felt. Chico Weekly Chronicle-Record, 23 Apr 1892, p. 3.

Clocks stopped; some ceilings cracked. The Morning Call (San  
Francisco), 22 Apr 1892, p. 8.

GRIDLEY I=6

Clocks stopped. San Francisco Chronicle, 22 Apr 1892, p. 3.

OROVILLE I=S

Sharp. San Francisco Chronicle, 22 Apr 1892, p. 3.

Quite severe. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

CALAVERAS COUNTY

GLENCOE I=L

Light. The Calaveras Prospect (San Andreas), 30 Apr 1892, p. 3.

MOKELUMNE HILL I=F

Distinct. The Calaveras Chronicle (Mokelumne Hill), 23 Apr 1892,

p. 3.

SAN ANDREAS I=4

Rattled windows. The Calaveras Prospect (San Andreas), 23 Apr 1892, p. 3.

COLUSA COUNTY

COLUSA I=6

Plastering cracked; goods knocked from shelves; brickwork cracked in two buildings. The Weekly Colusa Sun, 23 Apr 1892, p. 1.

MAXWELL I=H

Heavy. The Record-Union (Sacramento), 22 Apr 1892, p. 1.

WILLIAMS I=5-6

"People rushed into the streets badly frightened." Oakland Enquirer, 21 Apr 1892, p. 1.

CONTRA COSTA COUNTY

ANTIOCH I=L

Light. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

MARTINEZ I=5?

Stopped a clock; lamp suspended by a chain broke when chain parted. Contra Costa Semi-Weekly Gazette, 30 Apr 1892, p. 3.

PINOLE I=6?

"...created a general scare..." Oakland Tribune, 21 Apr 1892, p. 1.

SOBRANTE I=6?

"...created a general scare..." Oakland Tribune, 21 Apr 1892,  
p. 1.

WALNUT CREEK I=F

Felt. Contra Costa Semi-Weekly Gazette (Martinez), 23 Apr 1892,  
p. 3.

EL DORADO COUNTY

GEORGETOWN I=5

Some bottles knocked down at a drugstore. Georgetown Gazette,  
21 Apr 1892, p. 2.

PLACERVILLE I=F

Sharp. The Morning Call (San Francisco), 22 Apr 1892, p. 8.

FRESNO COUNTY

FRESNO I=4

Rattled windows; did not alarm anyone. Fresno Weekly Expositor,  
27 Apr 1892, p. 5.

GLENN COUNTY

ORLAND I=L

Slight. Holden (1898), p. 201.

WILLOWS I=6

Plaster fell; walls cracked. The Weekly Calusa Sun, 23 Apr  
1892, p. 1.

LAKE COUNTY

MIDDLETOWN I=F

Lighter than 19 Apr. Middletown Independent, 23 Apr 1892, p. 3.

LASSEN COUNTY

SUSANVILLE I=L

Slight. Lassen Advocate (Susanville), 21 Apr 1892, p. 2.

MARIN COUNTY

ANGEL ISLAND L. H. I=F

Felt. Holden (1898), p. 200.

BONITA POINT L. H. I=L

Light. Holden (1898), p. 200.

LIME POINT L. H. I=F

Felt. Holden (1898), p. 200.

SAN RAFAEL I=5

Some people ran out. Marin County Tocsin (San Rafael), 23 Apr 1892, p. 3.

MERCED COUNTY

MERCED I=5

Some left buildings. Merced Express, 23 Apr 1892, p. 3.

NAPA COUNTY

CALISTOGA I=F

Felt. Independent Calistogian (Calistoga), 27 Apr 1892, p. 3.

NAPA I=6

Several windows broken; a few walls cracked; plaster knocked down. The Napa Journal, 22 Apr 1892, p. 2.

POPE VALLEY I=5-6

"Household things rattled and danced"; people ran out. St. Helena Star, 29 Apr 1892, p. 4.

ST. HELENA I=5-6

People ran into streets; considerable excitement. St. Helena Star, 22 Apr 1892, p. Supp.

Stopped clocks. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

#### NEVADA COUNTY

GRASS VALLEY I=7

Chimneys thrown down; small articles thrown from shelves. Grass Valley Daily Union, 22 Apr 1892, p. 3.

NEVADA CITY I=5

Doors and windows rattled; crockery and glassware clattered; clock stopped. Nevada Daily Transcript, 21 Apr 1892, p. 3.

Clocks stopped. Holden (1898), p. 189.

TRUCKEE I=F

Sharp. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

#### PLACER COUNTY

AUBURN I=L

Little. The Placer Herald (Auburn), 23 Apr 1892, p. 4.

Light. The Placer Herald (Auburn), 23 Apr 1892, p. 5.

GOLD RUN I=F

Felt. The Examiner (San Francisco), 22 Apr 1892, p. 2.

NEWCASTLE I=L

Slight. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

PLUMAS COUNTY

QUINCY I=F

Felt. The Plumas National (Quincy), 23 Apr 1892, p. 3.

SACRAMENTO COUNTY

COSUMNES (CONSUMNE) I=S

Quite severe. The Evening Bee (Sacramento), 21 Apr 1892, p. 2.

COURTLAND I=S

Quite severe. The Evening Bee (Sacramento), 21 Apr 1892, p. 2.

ELK GROVE I=5

Clocks stopped. The Evening Bee (Sacramento), 21 Apr 1892, p. 2.

FLORIN I=F

Lively. The Evening Bee (Sacramento), 21 Apr 1892, p. 2.

FOLSOM I=4

Felt by most. The Folsom Telegraph, 23 Apr 1892, p. 3.

GALT I=F

Light. Weekly Galt Gazette, 23 Apr 1892, p. 3.

Quite severe. The Evening Bee (Sacramento), 21 Apr 1892, p. 2.

SACRAMENTO I=7

Some chimneys and firewalls fell; walls cracked; walls thrown out. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

WALNUT GROVE I=F

Felt. The Examiner (San Francisco), 22 Apr 1892, p. 2.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

"Very few persons noticed it." Daily Evening Bulletin, 21 Apr 1892, p. 2.

Some ran out; clocks stopped. The Examiner (San Francisco), 22 Apr 1892, p. 2.

SAN JOAQUIN COUNTY

ACAMPO I=8

Shifted a house on its foundation. The Valley Review (Lodi), 28 Apr 1892, p. 1.

LATHROP I=F

Distinct. The Morning Call (San Francisco), 22 Apr 1892, p. 8.

LODI I=F

Felt. The Morning Call (San Francisco), 22 Apr 1892, p. 8.

STOCKTON I=5

"Most persons who were not inside of buildings did not notice the quaking..." Stockton Daily Independent, 22 Apr 1892, p. 3.

Rattled windows; people ran into street. Oakland Enquirer, 21 Apr 1892, p. 1.

SAN MATEO COUNTY

HALF MOON BAY I=L

Very light. The Record-Union (Sacramento), 22 Apr 1892, p. 1.

PESCADERO I=F?

Felt (date of earthquake not indicated). Redwood City Democrat,  
28 Apr 1892, p. 3.

SANTA CLARA COUNTY

MT. HAMILTON I=F

Felt. Holden (1898), p. 194.

SAN JOSE I=2-3

Not felt by many. San Jose Daily Mercury, 22 Apr 1892, p. 1.

SHASTA COUNTY

REDDING I=L

Not felt. The Weekly Shasta Courier, 23 Apr 1892, p. 3.

Slight. Woodland Daily Democrat, 21 Apr 1892, p. 3.

SHASTA I=N

Not felt. The Weekly Shasta Courier, 23 Apr 1892, p. 3.

SIERRA COUNTY

DOWNIEVILLE I=H

Rather heavy. The Record-Union (Sacramento), 22 Apr 1892, p. 1.

GIBSONVILLE I=F?

Felt (date of earthquake not indicated). The Plumas National  
(Quincy), 30 Apr 1892, p. 3.

SIERRAVILLE I=F

Felt. Sierra Valley Leader, 22 Apr 1892, p. 3.

SOLANO COUNTY

BENICIA I=4

Windows rattled and buildings swayed. The Morning Call (San Francisco), 22 Apr 1892, p. 8.

DIXON I=8

Walls cracked; roofs fell in; tombstones broken; walls thrown out of plumb. The Evening Bee (Sacramento), 22 Apr 1892, p. 1.

ELMIRA I=S

Violent. Oakland Enquirer, 21 Apr 1892, p. 1.

FAIRFIELD I=7

Methodist church walls sprung and cracked; chimneys down. The Examiner, 22 Apr 1892, p. 2.

A. B. HOLDRIDGE'S RESIDENCE I=9

House moved off foundation. The Evening Bee, 22 Apr 1892, p. 1.

J. P. MARTIN'S RESIDENCE I=7

Chimney down. The Evening Bee, 22 Apr 1892, p. 1.

HENRY PETERS' WINE CELLAR I=8

Part of wall fell out, causing the roof to collapse. The Evening Bee (Sacramento), 22 Apr 1892, p. 2.

RIO VISTA I=F

Little. Sacramento River News, 22 Apr 1892, p. 3.

ROE ISLAND L. H. I=F

Not as severe as that of 19 Apr. Holden (1898), p. 200.

SUISUN I=6-7

Cracked and started (moved out place) several bricks; windows broken. The Solano Republican (Suisun), 22 Apr 1892, p. 3.

VACAVILLE I=8

Wall fell down. Vacaville Reporter, 21 Apr 1892, p. 1.

#### SONOMA COUNTY

FORESTVILLE I=3?

Felt by some (date of earthquake not indicated)? The Sonoma Democrat (Santa Rosa), 7 May 1892, p. 4.

HEALDSBURG I=S

Severe. The Morning Call, 22 Apr 1892, p. 8.

PETALUMA I=6

Clocks stopped; some plaster down. The Morning Call (San Francisco), 22 Apr 1892, p. 8.

SANTA ROSA I=6

Plastering down; broke some windows. The Sonoma Democrat (Santa Rosa), 23 Apr 1892, p. 5.

SONOMA I=6

Sharp. The Sonoma Index-Tribune, 23 Apr 1892, p. 3.

Many rushed into the street. The Record-Union (Sacramento), 22 Apr 1892, p. 1.

#### STANISLAUS COUNTY

MODESTO I=S

Quite severe. Stanislaus County Weekly News (Modesto), 22 Apr 1892, p. 3.

#### SUTTER COUNTY

NICOLAUS I=F

Felt. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

YUBA CITY I=5-6

No damage; people ran out. The Sutter County Farmer (Yuba City), 22 Apr 1892, p. 3.

Several clocks stopped. The Evening Bee (Sacramento), 21 Apr 1892, p. 1.

#### TEHAMA COUNTY

RED BLUFF I=5

Many clocks stopped. Weekly People's Cause (Red Bluff), 23 Apr 1892, p. 7.

#### YOLO COUNTY

BLACKS I=6?

Building cracked. Woodland Daily Democrat, 21 Apr 1892, p. 3.

MRS. JAS. BLACK'S HOUSE I=7

Walls badly seamed. Woodland Daily Democrat, 21 Apr 1892, p. 3.

R. B. BLOWER'S RESIDENCE I=7

Chimneys down. Woodland Daily Democrat, 21 Apr 1892, p. 3.

R. W. BROWNING'S RESIDENCE I=7

Furniture badly damaged. Woodland Daily Democrat, 21 Apr 1892, p. 3.

CACHEVILLE (YOLO) I=7

Chimney thrown down; clock fell off mantle. The Woodland Mail,  
22 Apr 1892, p. 3.

CAPAY I=8

Chimneys generally leveled; walls damaged. The Woodland Mail,  
22 Apr 1892, p. 3.

DAVISVILLE I=7

Plaster shaken off in many residences; some chimneys cracked.  
Woodland Daily Democrat, 21 Apr 1892, p. 3.

DUNNIGAN I=5-6

Walls cracked. Woodland Daily Democrat, 21 Apr 1892, p. 3.

MILTON ENYART'S RESIDENCE I=7?

Furniture badly damaged. Woodland Daily Democrat, 21 Apr 1892,  
p. 3.

ESPARTO I=9

Building collapsed; walls knocked down; fire walls of a store  
caved in; no chimneys still up. Woodland Daily Democrat, 21 Apr  
1892, p. 3.

WM. GRIFF'S BUILDING I=6?

Walls cracked (date of earthquake not indicated)? Woodland Daily  
Democrat, 21 Apr 1892, p. 3.

Z. B. KINCHELOE'S RESIDENCE I=7?

Furniture badly damaged. Woodland Daily Democrat, 21 Apr 1892,  
p. 3.

KNIGHTS LANDING I=5-6

Plaster damaged. Woodland Daily Democrat, 21 Apr 1892, p. 3.

MADISON I=7

Chimneys down; fire walls badly damaged. Woodland Daily Democrat 21 Apr 1892, p. 3.

DE VILBLISS HOUSE I=8

House torn in two. The Evening Bee (Sacramento), 22 Apr 1892, p. 1.

WINTERS I=8

Only one chimney in town still up. The Express (Winters), 30 Apr 1892, p. 5.

Some walls knocked down; horses thrown to ground. Woodland Daily Democrat, 21 Apr 1892, p. 3.

Walls collapsed. The Woodland Mail, 22 Apr 1892, p. 3.

All monuments in the cemetery which were still up knocked down. The Evening Bee (Sacramento), 22 Apr 1892, p. 1.

WOODLAND I=7

Large amounts of plaster down; numerous walls cracked; chimneys twisted or cracked, some down; stone ornaments on a tower displaced; some brick fell. Woodland Daily Democrat, 21 Apr 1892, p. 3.

YOLO I=7

Wall torn asunder; chimneys wrenched out of shape; clock thrown from manile. Woodland Daily Democrat, 21 Apr 1892, p. 3.

YUBA COUNTY

BROWNSVILLE I=F

Plainly felt. Marysville Daily Democrat, 25 Apr 1892, p. 1.

CAMPTONVILLE I=L

Slight. The Examiner (San Francisco), 22 Apr 1892, p. 2.

MARYSVILLE I=6

Many people ran into the streets. Marysville Weekly Appeal,  
22 Apr 1892, p. 5.

Rang bells; stopped clocks; walls of school house cracked; plaster  
down. Marysville Weekly Appeal, 29 Apr 1892, p. 3.

#### COUNTY UNKNOWN

GEARYTOWN I=S

Severe. Holden (1898), p. 198.

#### STATE OF NEVADA

CARSON CITY I=F

Felt. The Morning Call (San Francisco), 22 Apr 1892, p. 8.

RENO I=6?

Threw books from shelves; moved furniture. Holden (1898), p. 194.  
(Newspapers do not confirm this report.)

VIRGINIA CITY I=L

Light. Daily Territorial Enterprise (Virginia City), 22 Apr 1892,  
p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1892 Apr 30  
TIME: 0:09 GMT  
LOCATION: 38.400N 121.900W VACAVILLE-WINTERS AREA

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ALAMEDA COUNTY

HAYWARDS I=F

Sharp. The Examiner (San Francisco), 30 Apr 1892, p. 2.

OAKLAND I=5

Slight. Oakland Enquirer, 2 May 1892, p. 5.

Felt by many on the street; hardly perceptible. Oakland Tribune,  
30 Apr 1892, p. 1.

SAN LEANDRO I=F

Sharp. The Examiner (San Francisco), 30 Apr 1892, p. 2.

CALAVERAS COUNTY

GLENCOE I=L

Light. The Calaveras Prospect (San Andreas), 7 May 1892, p. 3.

CONTRA COSTA COUNTY

ANTIOCH I=L

Light. The Morning Call (San Francisco), 30 Apr 1892, p. 1.

MARTINEZ I=F

Sharp. Contra Costa Semi-Weekly Gazette (Martinez), 30 Apr 1892,  
p. 3.

MARIN COUNTY

SAN RAFAEL I=L

Slight. The Examiner (San Francisco), 30 Apr 1892, p. 2.

NAPA COUNTY

NAPA I=F

Sharp. The Napa Journal, 6 May 1892, p. 1.

NEVADA COUNTY

BOSTON RAVINE I=F

Felt. The Weekly Telegraph (Grass Valley), 30 Apr 1892, p. 1.

GRASS VALLEY I=4

Rattled gas fixtures. The Weekly Telegraph, 7 May 1892, p. 1.

NEVADA CITY I=F

Felt. Nevada Daily Transcript, 30 Apr 1892, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=6

Many people rushed into the streets. The Evening Bee (Sacramento),  
30 Apr 1892, p. 4.

SAN FRANCISCO COUNTY

FORT POINT I=L

Very light. Holden (1898), p. 202.

SAN FRANCISCO I=L

Slight. Holden (1898), p. 202.

SAN JOAQUIN COUNTY

STOCKTON I=L

Light. Holden (1898), p. 202.

SAN MATEO COUNTY

SAN GREGORIO I=L

Light. Redwood City Democrat, 28 Apr 1892, p. 3.

SANTA CLARA COUNTY

SAN JOSE I=L

Slight. San Jose Daily Herald, 30 Apr 1892, p. 3.

SOLANO COUNTY

BENICIA I=S

Very severe. The Examiner (San Francisco), 30 Apr 1892, p. 2.

BINGHAMTON I=F

Felt. The Dixon Tribune, 6 May 1892, p. 2.

DIXON I=F

Sharp. The Dixon Tribune, 6 May 1892, p. 3.

FAIRFIELD I=5

Some ran out. The Examiner (San Francisco), 30 Apr 1892, p. 2.

PEACEFUL GLEN I=L

Very slight. The Dixon Tribune, 6 May 1892, p. 2.

RIO VISTA I=5-6

Slight; people ran out. The Dixon Tribune, 6 May 1892, p. 2.

ROE ISLAND L. H. I=F

Felt. Holden (1898), p. 202.

VACAVILLE I=F

Sharp. The Examiner (San Francisco), 30 Apr 1892, p. 2.

#### SONOMA COUNTY

PETALUMA I=F

Quite sharp. The Examiner (San Francisco), 30 Apr 1892, p. 2.

SANTA ROSA I=5-6

Very distinct; people ran into street. The Sonoma Democrat (Santa Rosa), 7 May 1892, p. 5.

#### SUTTER COUNTY

YUBA CITY I=F

Felt. The Sutter County Farmer (Yuba City), 6 May 1892, p. 3.

#### YOLO COUNTY

DAVISVILLE I=6

Some loose bricks knocked down. The Examiner (San Francisco), 30 Apr 1892, p. 2.

WINTERS I=5-6

People ran out. Woodland Daily Democrat, 5 May 1892, p. 3.

WOODLAND I=5-6

Slight; people ran out. Woodland Daily Democrat, 30 Apr 1892, p. 3.

YUBA COUNTY

MARYSVILLE I=2-3

Not felt by many. Marysville Weekly Appeal, 6 May 1892, p. 1.

STATE OF NEVADA

CARSON CITY I=F

Very short. Holden (1898), p. 202.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1892 May 28  
TIME: 11:15 GMT  
LOCATION: 33.500N 116.000W SOUTHERN CALIFORNIA

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LOS ANGELES COUNTY

LOS ANGELES I=4

The few people on the streets felt it distinctly; awoke a few; windows rattled. Los Angeles Herald, 29 May 1892, p. 7.

MONROVIA I=4

Awoke a few. Riverside Daily Press, 28 May 1892, p. 2.

PASADENA I=2

Felt by a few. The Los Angeles Times, 29 May 1892, p. 7.

POMONA I=F

Not severe. The Los Angeles Times, 29 May 1892, p. 7.

ORANGE COUNTY

ANAHEIM I=S

Quite severe. Anaheim Gazette, 2 June 1892, p. 3.

CAPISTRANO I=H

Heavy. Riverside Daily Press, 28 May 1892, p. 2.

SANTA ANA I=4

Awoke light sleepers. The Los Angeles Times, 30 May 1892, p. 7.

RIVERSIDE COUNTY

RIVERSIDE I=5

Woke up all but the soundest sleepers. Riverside Daily Press,  
28 May 1892, p. 4.

SAN BERNARDINO COUNTY

ONTARIO I=5

Stopped clocks. Los Angeles Herald, 29 May 1892, p. 7.

REDLANDS I=F

Distinct. Los Angeles Herald, 30 May 1892, p. 7.

SAN BERNARDINO I=5-6

Felt. San Bernardino Daily Courier, 28 May 1892, p. 4.

Awoke most sleepers. The Los Angeles Times, 29 May 1892, p. 7.

Threw down dishes; stopped clocks. Los Angeles Herald, 29 May  
1892, p. 7.

SAN DIEGO COUNTY

OCEANSIDE I=5

People awakened. Riverside Daily Press, 28 May 1892, p. 2.

SAN DIEGO I=L

Slight. Daily San Diegan (San Diego), 28 May 1892, p. 8.

Very distinct. The Morning Sun (San Diego), 29 May 1892, p. 5.

STATE OF ARIZONA

YUMA I=5

Awoke many people. Bureau of Reclamation (197b), p. 30.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1892 Jun 14  
TIME: 13:25 GMT  
LOCATION: 34.100N 117.700W SAN BERNARDINO COUNTY

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LOS ANGELES COUNTY

LOS ANGELES I=L

Light. The Los Angeles Times, 15 June 1892, p. 8.

PASADENA I=6

Stopped clocks; rang the fire bell. The Los Angeles Times,  
15 June 1892, p. 7.

POMONA I=F

Distinct. The Los Angeles Times, 15 June 1892, p. 7.

ORANGE COUNTY

ANAHEIM I=L

Slight. Anaheim Gazette, 16 June 1892, p. 3.

SANTA ANA I=L

Slight. Santa Ana Standard, 18 June 1892, p. 3.

RIVERSIDE COUNTY

PERRIS I=L

Light. The New Era (Perris), 16 June 1892, p. 5.

RIVERSIDE I=5

Awoke everybody; windows and doors rattled. Press and Horticulturist (Riverside), 18 June 1892, p. 3.

WINCHESTER I=L

Slight. The New Era (Perris), 16 June 1892, p. 1.

#### SAN BERNARDINO COUNTY

CUCAMONGA I=6

"...the dishes thrown down and broken." The Los Angeles Times, 15 June 1892, p. 4.

REDLANDS I=H

Heavy. The Citrograph (Redlands), 18 June 1892, p. 9.

SAN BERNARDINO I=5

Heavy. San Bernardino Daily Courier, 15 June 1892, p. 3.

Some people ran out. San Bernardino Daily Courier, 15 June 1892, p. 7.

#### SAN DIEGO COUNTY

SAN DIEGO I=4

Slight bump. San Diego Union, 15 June 1892, p. 2.

Loose articles swayed. The Evening Sun (San Diego), 14 June 1892, p. 5.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1892 Nov 13

TIME: 12:45 GMT

LOCATION: 36.800N 121.500W EAST OF MONTEREY BAY

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ALAMEDA COUNTY

ALAMEDA I=F

Lively and distinct. Alameda Daily Evening Encinal, 14 Nov 1892,  
p. 3.

BERKELEY I=L

Hardly felt. Holden (1898), p. 212.

OAKLAND I=5

Awoke many heavy sleepers. Oakland Morning Times, 14 Nov 1892,  
p. 1.

CONTRA COSTA COUNTY

MARTINEZ I=5

Aroused sleepers generally. Contra Costa Semi-Weekly Gazette  
(Martinez), 16 Nov 1892, p. 3.

WALNUT CREEK I=L

Slight. Contra Costa Semi-Weekly Gazette (Martinez), 16 Nov  
1892, p. 3.

MARIN COUNTY

SAN RAFAEL I=F

Sharp. Marin County Tocsin (San Rafael), 19 Nov 1892, p. 3.

MONTEREY COUNTY

MONTEREY I=6

Sharp. Monterey Cypress, 19 Nov 1892, p. 3.

Shook crockery and glassware off shelves; cracked chimneys. The Examiner (San Francisco), 14 Nov 1892, p. 4.

SALINAS I=6

Aroused the people; merchandise thrown from shelves in several stores; transoms in some buildings broken; ceilings cracked in a number of buildings; some plaster fell; window broken. Salinas Democrat, 19 Nov 1892, p. 1.

NAPA COUNTY

NAPA I=F

Quite a shock. The Napa Journal, 18 Nov 1892, p. 3.

SAN BENITO COUNTY

CIENEGA I=S

Severest for years. The San Benito Advance (Hollister), 18 Nov 1892, p. 3.

HOLLISTER I=7

Plaster fell; chimney broken and moved several inches. The San Benito Advance (Hollister), 18 Nov 1892, p. 3.

SAN JUAN I=H

Heavy. The San Benito Advance (Hollister), 18 Nov 1892, p. 3.

SARGENTS I=7?

Glass and chimneys suffered considerably. The San Benito Advance

(Hollister), 18 Nov 1892, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

Awoke people; jarred furniture. The Morning Call (San Francisco), 14 Nov 1892, p. 8.

Awoke many. The Examiner (San Francisco), 14 Nov 1892, p. 3.

SAN MATEO COUNTY

HALF MOON BAY I=H

Heavy. Redwood City Democrat, 17 Nov 1892, p. 3.

Slight. Times-Gazette (Redwood City), 19 Nov 1892, p. 3.

PESCADERO I=F

Right lively. Redwood City Democrat, 17 Nov 1892, p. 3.

Liveliest felt for some time. Times-Gazette (Redwood City), 19 Nov 1892, p. 3.

REDWOOD CITY I=F

Felt. Redwood City Democrat, 17 Nov 1892, p. 2.

SANTA CLARA COUNTY

GILROY I=5

Clocks stopped; small articles thrown down. The Morning Call (San Francisco), 14 Nov 1892, p. 1.

LOS GATOS I=L

Slight. The Los Gatos Mail, 17 Nov 1892, p. 3.

MT. HAMILTON I=F

Felt. Holden (1898), p. 212.

SAN JOSE I=5

Window weights rattled. San Jose Daily Herald, 14 Nov 1892, p. 2.

Stopped clocks. The Examiner (San Francisco), 14 Nov 1892, p. 4.

#### SANTA CRUZ COUNTY

BEN LOMOND I=S

Most violent remembered; severe. Santa Cruz Surf, 19 Nov 1892, p. 7.

GREEN VALLEY I=5

Community startled. The Rustler (Watsonville), 18 Nov 1892, p. 2.

SANTA CRUZ I=6

Tinkled one or two church bells. Santa Cruz Surf, 19 Nov 1892, p. 7.

People ran out. The Examiner (San Francisco), 14 Nov 1892, p. 4.

WATSONVILLE I=5-6

Broke crockery and glassware. The Rustler (Watsonville), 18 Nov 1892, p. 3.

#### SOLANO COUNTY

BENICIA I=F

Quite a shock. The Solano Republican (Suisun), 18 Nov 1892, p. 3.

SUISUN I=L

Slight. The Solano Republican (Suisun), 18 Nov 1892, p. 3.

#### SONOMA COUNTY

PETALUMA I=F

Lively. The Morning Call (San Francisco), 14 Nov 1892, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1893 Apr 4  
TIME: 19:40 GMT  
LOCATION: 34.300N 118.600W SIMI HILLS, LOS ANGELES COUNTY

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KERN COUNTY

MOJAVE I=4-5

Created considerable fright. Holden (1898), p. 215.

LOS ANGELES COUNTY

DUARTE I=L

Light. Holden (1898), p. 216.

EL MONTE I=L

Slight. Monrovia Messenger, 7 Apr 1893, p. 5.

LOS ANGELES I=7

Not felt by many; window cracked; several clocks stopped. Los Angeles Times, 5 Apr 1893, p. 2.

Portions of a chimney thrown down. The Herald (Los Angeles), 5 Apr 1893, p. 2.

NEWHALL RANCH, NORTHWEST OF NEWHALL I=8

An old, strong adobe house completely shaken down. Holden (1898), p. 218.

MINTRYVILLE I=7

Tilted up great oil tanks full of oil; detached immense boulders;

caused big surface fissures; on a chimney, not a whole brick left. Holden (1898), p. 217.

MONROVIA I=F

Distinct. Monrovia Messenger, 7 Apr 1893, p. 8.

NEWHALL I=N

Not felt. Holden (1898), p. 217.

PASADENA I=6

Pictures knocked askew; people rushed in the streets. Los Angeles Times, 5 Apr 1893, p. 7.

Numerous patches of plaster shaken down; dishes disarranged. The Herald (Los Angeles), 5 Apr 1893, p. 2.

Plaster shaken off of walls; people ran out; not felt by some people on the streets. Pasadena Weekly Star, 5 Apr 1893, p. 1.

PICO CANYON, 8 MI. SOUTHWEST OF NEWHALL I=7

Landslides; ground opened in a number of places; two stoves broken. Holden (1898), p. 216.

POMONA I=2-3

Scarcely noticeable except in the upper stories of buildings. Los Angeles Times, 5 Apr 1893, p. 7.

SAUGUS I=7

Chimney shaken off the station. The Evening Express (Los Angeles), 5 Apr 1893, p. 8.

Dishes shaken from shelves. The Weekly Independent (Ventura), 8 Apr 1893, p. 8.

ORANGE COUNTY

ANAHEIM I=L

Slight. Anaheim Gazette, 6 Apr 1893, p. 3.

SANTA ANA I=2-3

Many not aware of the quake. Holden (1898), p. 215.

#### RIVERSIDE COUNTY

CHINO I=4

Lamps and crockery rattled. Chino Valley Champion, 7 Apr 1893, p. 5.

RIVERSIDE I=L

Not felt. Riverside Daily Press, 4 Apr 1893, p. 3.

Light. Riverside Daily Enterprise, 5 Apr 1893, p. 3.

#### SAN BERNARDINO COUNTY

SAN BERNARDINO I=F

Pretty lively. The Weekly Courier (San Bernardino), 8 Apr 1893, p. 5.

Generally felt. The Kaleidoscope (San Bernardino), 8 Apr 1893, p. 3.

#### SANTA BARBARA COUNTY

SANTA BARBARA I=2

Felt by a few. The Weekly Independent (Santa Barbara), 8 Apr 1893, p. 4.

#### VENTURA COUNTY

BUCKHORN I=F

Quite a shock. The Weekly Free Press (Ventura), 7 Apr 1893, p. 2.

FILLMORE I=6

Clocks stopped; water spilled; plastering badly cracked at the school. Los Angeles Times, 5 Apr 1893, p. 2.

MONTALVO I=4

Windows rattled. The Weekly Free Press (Ventura), 7 Apr 1893, p. 8.

MOUND I-F

Considerably shaken up. The Weekly Free Press (Ventura), 7 Apr 1893, p. 8.

NORDHOFF (OJAI) I=F

Quite a quake. The Weekly Free Press (Ventura), 7 Apr 1893, p. 2.

Very perceptible. The Ojai (Nordhoff), 5 Apr 1893, p. 3.

SANTA PAULA I=5

Rattled bottles on shelves; stopped clocks; not noticed by people walking or riding. The Ojai (Nordhoff), 12 Apr 1893, p. 3.

SATICOY I=4-5

Rattled dishes; stopped a clock. The Weekly Free Press (Ventura), 7 Apr 1893, p. 2.

SESPE I=4-5

People considerably disturbed. The Weekly Free Press (Ventura), 7 Apr 1893, p. 2.

TOPO RANCH I=F?

Felt (date uncertain). The Ojai (Nordhoff), 17 Apr 1893, p. 3.

VENTURA I=5

One or two clocks stopped; scarcely anyone noticed it. The Weekly Free Press (Ventura), 7 Apr 1893, p. 4.

Stopped a few clocks; crockery rattled. Ventura Weekly Democrat, 7 Apr 1893, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1893 May 19

TIME: 00:35 GMT

LOCATION: 34.200N 119.600W SANTA BARBARA CHANNEL

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LOS ANGELES COUNTY

LOS ANGELES I=F

Felt. The Weekly Independent (Santa Barbara), 27 May 1893, p. 2.

POINT FERMIN L.H. I=5

Light objects overthrown. Holden (1898), p. 219.

POMONA I=L

Slight. Pomona Weekly Times, 24 May 1893, p. 5.

SAN FERNANDO I=2?

Few knew what was going on (day given as Tuesday). The Examiner  
(San Fernando), 27 May 1893, p. 3.

SAN PEDRO I=F

Distinct. The San Diego Union, 19 May 1893, p. 1.

ORANGE COUNTY

SANTA ANA I=4

A few people off the ground floors scared and started for the  
streets. The San Diego Union, 19 May 1893, p. 1.

RIVERSIDE COUNTY

RIVERSIDE I=F

Felt. The Colton Chronicle, 20 May 1893, p. 8.

SAN BERNARDINO COUNTY

COLTON I=N

Not felt. The Colton Chronicle, 20 May 1893, p. 8.

SAN BERNARDINO I=4

Gas fixtures and chandeliers swang at a lively rate. The Weekly Courier (San Bernardino), 20 May 1893, p. 8.

SAN DIEGO COUNTY

SAN DIEGO I=N

Not felt. The San Diego Union, 19 May 1893, p. 1.

SANTA BARBARA COUNTY

LOMPOC I=F

Felt. Holden (1898), p. 219.

POINT CONCEPTION L.H. I=F

Felt. Holden (1898), p. 219.

SANTA BARBARA I=5-6

Cracked a wall; people ran out. The Weekly Independent (Santa Barbara), 27 May 1893, p. 2.

SANTA MARIA I=3

Felt by those indoors. Santa Maria Times, 20 May 1893, p. 3.

VENTURA COUNTY

HUENEME I=F

"None of our oldest residents can remember ever before experiencing such an earthquake shock..." Ventura Weekly Democrat, 26 May 1893, p. 3.

MONTALVO I=4

Things rattled; made a few violently sick. The Weekly Free Press (Ventura), 26 May 1893, p. 2.

NORDHOFF (OJAI) I=F

Plainly felt. The Ojai (Nordhoff), 24 May 1893, p. 3.

SATICOY I=4

Dishes rattled; hanging lamps swang. Holden (1898), p. 219.

VENTURA I=5-6

Severest ever felt; "...not the slightest damage...not even a clock stopped...". The Weekly Free Press (Ventura), 19 May 1893, p. 5.

Quite severe. Ventura Weekly Democrat, 19 May 1893, p. 3.

Clocks stopped; goods thrown from shelves. Los Angeles Times, 20 May 1893, p. 7.

WEST SATICOY I=F

Quite an earthquake. The Weekly Free Press (Ventura), 26 May 1893, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1893 Jun 30  
TIME: 13:30 GMT  
LOCATION: 38.000N 122.300W SAN PABLO BAY AREA

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ALAMEDA COUNTY

NILES I=F

Felt. Holden (1898), p. 221.

CONTRA COSTA COUNTY

MARTINEZ I=4

Felt by those who were awake. The Contra Costa Gazette (Martinez),  
1 July 1893, p. 3.

MARIN COUNTY

SAN RAFAEL I=5-6

Some glassware broken. San Francisco Chronicle, 1 July 1893,  
p. 3.

NAPA COUNTY

NAPA I=L

Slight. The Napa Register, 7 July 1893, p. 1.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=L

Very slight. Daily Evening Bulletin (San Francisco), 1 July 1893,  
p. 2.

SAN MATEO COUNTY

BELMONT I=S

Severely shaken. Times-Gazette (Redwood City), 1 July 1893, p. 3.

REDWOOD CITY I=S

Severe. Times-Gazette (Redwood City), 1 July 1893, p. 3.

SOLANO COUNTY

DIXON I=N

Not felt. The Dixon Tribune, 7 July 1893, p. 3.

MARE ISLAND I=F

Quite noticeable. San Francisco Chronicle, 1 July 1893, p. 3.

SUISUN I=F

Distinct. The Dixon Tribune, 7 July 1893, p. 2.

VALLEJO I=5-6

Awoke people; crockery broken. San Francisco Chronicle, 1 July 1893, p. 3.

SONOMA COUNTY

PETALUMA I=L

Slight. San Francisco Chronicle, 1 July 1893, p. 3.

SANTA ROSA I=L

Slight. Daily Republican (Santa Rosa), 30 June 1893, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1893 Aug 9  
TIME: 09:15 GMT  
LOCATION: 38.400N 122.600W SANTA ROSA AREA, SONOMA COUNTY

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ALAMEDA COUNTY

ALAMEDA I=F

Sharp. Holden (1898), p. 222.

BERKELEY I=F

Felt. Holden (1898), p. 222.

OAKLAND I=5

Awoke most people. Oakland Enquirer, 9 Aug 1893, p. 1.

Stopped clocks. Oakland Tribune, 9 Aug 1893, p. 3.

CONTRA COSTA COUNTY

MARTINEZ I=4

Awoke light sleepers. The Contra Costa Gazette (Martinez),  
12 Aug 1893, p. 3.

LAKE COUNTY

MIDDLETOWN I=S

Severe; hardest in many months. Middletown Independent, 12 Aug  
1893, p. 3.

MARIN COUNTY

SAN RAFAEL I=F

Felt. The Morning Call (San Francisco), 10 Aug 1893, p. 2.

SAUSALITO I=H

Heavy. Marin County Tocsin (San Rafael), 12 Aug 1893, p. 3.

#### NAPA COUNTY

NAPA I=5

People awakened. The Napa Register, 11 Aug 1893, p. 3.

ST. HELENA I=5

People rudely awakened. St. Helena Star, 11 Aug 1892, p. 3.

#### SACRAMENTO COUNTY

SACRAMENTO I=L

Light. Daily Evening News (Sacramento), 9 Aug 1892, p. 6.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=S

Sharp. The Morning Call (San Francisco), 9 Aug 1893, p. 8.

Violent. San Francisco Chronicle, 9 Aug 1893, p. 4.

#### SOLANO COUNTY

DENVERTON I=L

Slight. The Solano Republican (Suisun), 11 Aug 1893, p. 3.

DIXON I=L

Light. Dixon Tribune, 11 Aug 1893, p. 3.

SUISUN I=4

Awoke light sleepers. The Solano Republican (Suisun), 11 Aug 1893, p. 3.

VACAVILLE I=4

Light; alarmed those with "sensitive nerves." Dixon Tribune, 11 Aug 1893, p. 2.

#### SONOMA COUNTY

HEALDSBURG I=F

Sharp. Holden (1898), p. 222.

PETALUMA I=5-6

Stopped several clocks; plaster cracked; crockery thrown from shelves. The Morning Call (San Francisco), 10 Aug 1893, p. 2.

SANTA ROSA I=7

Chimneys shaken down; plastering in many residences was badly cracked or fell from the walls; a few windows broken; in many large buildings wrenching of the walls apparent. The Sonoma Democrat (Santa Rosa), 12 Aug 1893, p. 6.

SONOMA I=5

Awoke people. The Morning Call (San Francisco), 10 Aug 1893, p. 2.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1894 Jul 30  
TIME: 05:12 GMT  
LOCATION: 34.500N 117.500W MOJAVE DESERT

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KERN COUNTY

BAKERSFIELD I=F

Lively. The Daily Californian (Bakersfield), 30 July 1894, p. 1.

Quite perceptible. The Kern County Gazette (Bakersfield), 4 Aug 1894, p. 3.

MOJAVE I=6?

Goods knocked off the counters of stores; general excitement.  
Los Angeles Times, 30 July 1894, p. 4.

LOS ANGELES COUNTY

ACTON I=S

Most severe for many years. The Herald (Los Angeles), 30 July 1894, p. 8.

ALHAMBRA I=5

Some people ran out. The Alhambra, 4 Aug 1894, p. 2.

CAHUENGA I=F

Felt by the people at the church. The Herald (Los Angeles), 31 July 1894, p. 3.

ECHO MOUNTAIN I=4-5

Hotel shaken. Los Angeles Times, 30 July 1894, p. 4.

EL MONTE I=S

Very severe. The Herald (Los Angeles), 30 July 1894, p. 8.

FOOTHILLS NORTH OF POMONA I=6+

Reservoir cracked. The Herald (Los Angeles), 31 July 1894, p. 4.

LOS ANGELES I=6

Rattled windows; disturbed loose articles on mantles and shelves; broke a few panes of glass. Los Angeles Times, 30 July 1894, p. 4.

Numberous windows cracked; many people in the hotels ran out. The Herald (Los Angeles), 30 July 1894, p. 8.

PASADENA I=5-6

People ran out. Los Angeles Times, 31 July 1894, p. 9.

Quite a panic at a meeting. Los Angeles Times, 30 July 1894, p. 4.

POMONA I=5-6

People rushed out. The Herald (Los Angeles), 31 July 1894, p. 3.

Some bottles and trinkets on shelves thrown down. The Herald (Los Angeles), 31 July 1894, p. 4.

REDONDO I=S

Distinctly felt. Los Angeles Times, 31 July 1894, p. 3.

Very severe. The Herald (Los Angeles), 30 July 1894, p. 8.

SAN ANTONIO CANYON I=6+

Rocks rolled down the sides of the canyon. Los Angeles Times, 31 July 1894, p. 9.

SAN GABRIEL I=S

Very severe. The Herald (Los Angeles), 30 July 1894, p. 8.

SAN PEDRO I=S

Very severe. The Herald (Los Angeles), 30 July 1894, p. 8.

SANTA MONICA I=F

Felt. Los Angeles Times, 31 July 1894, p. 9.

Plate-glass windows seen to weave in and out. Los Angeles Times, 30 July 1894, p. 4.

TERMINAL ISLAND I=4

Rattled dishes and portable bric-a-brac. The Herald (Los Angeles), 31 July 1894, p. 3.

#### ORANGE COUNTY

ANAHEIM I=6

Sharp. Anaheim Weekly Gazette, 2 Aug 1894, p. 3.

A few panes of glass shaken out; plastering cracked. Los Angeles Times, 31 July 1894, p. 9.

CENTRALIA I=4

Felt by a large number. Anaheim Weekly Gazette, 2 Aug 1894, p. 2.

ORANGE I=4-5

Awoke some people. Los Angeles Times, 31 July 1894, p. 9.

SANTA ANA I=6?

Frightened a good many people. Santa Ana Standard, 4 Aug 1894, p. 3.

People awakened generally. Los Angeles Times, 31 July 1894, p. 9.

TUSTIN I=4-5

Awoke some people. Los Angeles Times, 31 July 1894, p. 9.

WESTMINSTER I=F

Felt. Anaheim Weekly Gazette, 2 Aug 1894, p. 3.

#### RIVERSIDE COUNTY

ARLINGTON I=F

Felt. Townley and Allen (1939), p. 97.

BANNING I=L

Slight. Riverside County Reflex, 4 Aug 1894, p. 5.

BEAUMONT I=4-5

People startled. Riverside County Reflex, 4 Aug 1894, p. 5.

GOOD HOPE I=F

Very marked. The New Era (Perris), 2 Aug 1894, p. 1.

MORENO I=6

Cracked many plastered walls badly. Press and Horticulturist (Riverside), 11 Aug 1894, p. 3.

PERRIS I=F

Lively. The New Era (Perris), 2 Aug 1894, p. 2.

RIVERSIDE I=6

Drove people out of their houses; some bric-a-brac thrown down; plaster cracked in some houses. Riverside Daily Enterprise, 31 July 1894, p. 3.

Adobe wall cracked; ceilings cracked in several buildings. Los Angeles Times, 1 Aug 1894, p. 9.

SAN JACINTO I=F

Not severe. San Jacinto Register, 2 Aug 1894, p. 1.

WILDOMAR I=L

Slight. Riverside County Reflex, 4 Aug 1894, p. 5.

SAN BERNARDINO COUNTY

CHINO I=4-5

Goods rattled; a number of ladies frightened. Chino Valley Champion, 3 Aug 1894, p. 5.

COLTON I=S

One of the most severe in years. Los Angeles Times, 31 July 1894, p. 9.

DELL'S CAMP I=F

Duly interesting. The Ontario Observer, 4 Aug 1894, p. 5.

MOUND CITY I=6

Plastering shaken from the ceiling of the hotel. Los Angeles Times, 31 July 1894, p. 9.

OLD BALDY I=6+

Boulders rolled down the sides of the mountain. The Ontario Observer, 4 Aug 1894, p. 5.

ONTARIO I=S

Unusually violent. The Ontario Observer, 4 Aug 1894, p. 5.

REDLANDS I=4-5

Some people frightened. Los Angeles Times, 31 July 1894, p. 9.

SAN BERNARDINO I=6

Caused more or less consternation. The Kaleidoscope (San Bernardino), 4 Aug 1893, p. 5.

Produced a general exodus to the streets; plaster cracked in several buildings, in a few shaken off. Los Angeles Times, 31 July 1894, p. 9.

#### SAN DIEGO COUNTY

ESCONDIDO I=L

Slight. Escondido Times, 2 Aug 1894, p. 3.

FALLBROOK I=L

Slight. Holden (1898), p. 229.

NUEVO I=F

Felt. The Sentinel (Nuevo), 2 Aug 1894, p. 3.

SAN DIEGO I=4

Felt most indoors; hardly sufficient to be felt by those standing on the ground; dishes rattled; light picture frames moved in some cases. The San Diegan-Sun (San Diego), 30 July 1894, p. 4.

#### SANTA BARBARA COUNTY

LOMPOC I=L

Slight. The Lompoc Record, 4 Aug 1894, p. 3.

VENTURA COUNTY

BARSDALE I=F

Very perceptible. Ventura Free Press, 3 Aug 1894, p. 2.

FILLMORE I=4-5

Created a little consternation. Ventura Free Press, 3 Aug 1894, p. 8.

HUENEME I=S

Quite severe. Ventura Free Press, 3 Aug 1894, p. 8.

JERUSALEM I=4-5

Shook many houses. Ventura Free Press, 3 Aug 1894, p. 8.

MOUND I=5

Most everyone more or less shaken up (1:12 AM). Ventura Free Press, 3 Aug 1894, p. 8.

NORDHOFF (OJAI) I=F

Felt. Ventura Free Press, 3 Aug 1894, p. 2.

SANTA PAULA I=F

Felt. Ventura Free Press, 3 Aug 1894, p. 8.

SATICOY I=4

Chandeliers and hanging lamps swang. Ventura Free Press, 3 Aug 1894, p. 8.

VENTURA I=5

Felt by almost everyone. Ventura Free Press, 3 Aug 1894, p. 5.

WEST SATICOY I=5

Felt by nearly everyone; moved pictures (1:12 AM). Ventura Free Press, 3 Aug 1894, p. 8.

WHEELER CANYON I=F

Quite an earthquake. Ventura Free Press, 3 Aug 1894, p. 8.

COUNTY UNKNOWN

TREMONTVILLE I=F

Felt. Holden (1898), p. 229.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1894 Sep 30  
TIME: 17:36 GMT  
LOCATION: 40.200N 124.500W      OFFSHORE HUMBOLDT COUNTY

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DEL NORTE COUNTY

CRESCENT CITY      I=L

Slight. Del Norte Record (Crescent City), 6 Oct 1894, p. 3.

HUMBOLDT COUNTY

ARCATA      I=F

Quite lively. The Arcata Union, 6 Oct 1894, p. 3.

EUREKA      I=5

Clocks stopped. The Humboldt Times (Eureka), 2 Oct 1894, p. 4.

SOUTHERN PART OF HUMBOLDT COUNTY      I=7

Chimneys thrown down. The Humboldt Times (Eureka), 2 Oct 1894,  
p. 4.

HYDESVILLE      I=H

Quite heavv. Holden (1898), p. 230.

MENDOCINO COUNTY

SCHOONER EXCELSIOR, 35 MI. SOUTHWEST OF SHELTER COVE      I=F

Passengers panic stricken for a few moments. Weekly Humboldt Times (Eureka), 11 Oct 1894, p. 1.

SCHOONER LILA AND MATTIE, 35 MI. SOUTHWEST OF SHELTER COVE I=F

Felt. Weekly Humboldt Times (Eureka), 11 Oct 1894, p. 1.

MENDOCINO I=S

Severe. The Mendocino Beacon, 6 Oct 1894, p. 3.

UKIAH I=F

Felt. Mendocino Dispatch Democrat (Ukiah), 5 Oct 1894, p. 3.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=F?

Quake observed. The Humboldt Times (Eureka), 2 Oct 1894, p. 4.

#### SANTA CLARA COUNTY

MT. HAMILTON I=N

Not felt. Holden (1898), p. 230.

#### SHASTA COUNTY

REDDING I=F

Felt. The Free Press (Redding), 6 Oct 1894, p. 3.

SHASTA I=5

Pictures almost shaken off the wall. The Weekly Shasta Courier, 6 Oct 1894, p. 3.

#### SISKIYOU COUNTY

SISSON I=L

Slight. Sisson Mascot, 4 Oct 1894, p. 3.

TRINITY COUNTY

LONG RIDGE I=4

Houses swayed and squeaked. Weekly Trinity Journal (Weaverville),  
20 Oct 1894, p. 3.

WEAVERVILLE I=F

Felt. Weekly Trinity Journal (Weaverville), 6 Oct 1894, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1894 Oct 23

TIME: 23:03 GMT

LOCATION: 32.000N 116.000W SAN DIEGO COUNTY

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LOS ANGELES COUNTY

LOS ANGELES I=2-3

Light; not noticed by many; no damage. The San Diego Union,  
24 Oct 1894, p. 1.

POMONA I=L

Slight. The Los Angeles Times, 24 Oct 1894, p. 9.

ORANGE COUNTY

ANAHEIM I=F

Felt. The Herald (Los Angeles), 25 Oct 1894, p. 3.

SAN JUAN CAPISTRANO I=6

Many clocks stopped; windows were broken; crockery was shattered;  
the Old Mission bells tolled. The San Diego Union, 24 Oct 1894,  
p. 1.

SANTA ANA I=4-5

Lively. Santa Ana Standard, 27 Oct 1894, p. 3.

Severe; "starting people from brick buildings. No damage".  
The San Diego Union, 24 Oct 1894, p. 1.

"...gas jets and hanging lamps set a-swinging..."; not felt by  
people outdoors. The Los Angeles Times, 24 Oct 1894, p. 9.

RIVERSIDE COUNTY

PERRIS I=L

Slight. The New Era (Perris), 25 Oct 1894, p. 3.

RIVERSIDE I=F

Very perceptible; a pretty good jolt. Riverside Daily Press,  
23 Oct 1894, p. 3.

SAN JACINTO I=7?

Considerable alarm; people ran from buildings; felt in a moving  
buggy; the ground appeared to heave like the ocean, no damage.  
San Jacinto Register, 25 Oct 1894, p. 1.

SAN BERNARDINO COUNTY

COLTON I=L

Light. Holden (1898), p. 231.

NEEDLES I=2

"Some of the buildings in town were perceptibly shaken. Few  
people could realize that it was a temblor..." The Needles Eye,  
23 Oct 1894, p. 2.

ONTARIO I=2

Only one guest in the Southern Pacific Hotel felt the earthquake.  
The Ontario Observer, 27 Oct 1894, p. 5.

REDLANDS I=L

Slight; no alarm. The Citrograph (Redlands), 27 Oct 1894, p. 7.

Distinct. The Daily Facts (Redlands), 24 Oct 1894, p. 3.

SAN BERNARDINO I=L

Slight. The Kaleidoscope (San Bernardino), 27 Oct 1894, p. 5.

SAN DIEGO COUNTY

ALPINE I=S

Very severe. The Los Angeles Times, 23 Oct 1894, p. 3.

BARRETT DAM I=5-6

Men ran, expecting rocks to fall from a nearby cliff. The San Diegan-Sun (San Diego), 25 Oct 1894, p. 5.

BUCKMAN'S SPRINGS I=6+

Exceptionally strong; dust cloud appeared along the mountain ridge overlooking the springs and rocks rolled down into the canyons. The San Diego Union, 28 Oct 1894, p. 5.

CAMPO I=H

Heavy; "stirring things up at a lively rate". The San Diego Union, 24 Oct 1894, p. 5.

CARLSBAD I=H

Quite heavy. The Oceanside Blade, 3 Nov 1894, p. 3.

CORONADO I=F

Felt. The San Diego Union, 24 Oct 1894, p. 5.

ESCONDIDO I=S

Severe; "no damage whatever". Escondido Times, 25 Oct 1894, p. 3.

JULIAN I=F

Sharp. Holden (1898), p. 231.

OCEANSIDE I=5-6

"...the experienced hastened to desert brick and plastered buildings..." The Oceanside Blade, 27 Oct 1894, p. 1.

UPPER OTAY DAM I=6+

Loose rocks rolled down the hillsides. The San Diego Union, 24 Oct 1894, p. 5.

SAN DIEGO I=6

Walls cracked; plaster fell; items fell from shelves; people ran outside. The San Diego Union, 24 Oct 1894, p. 5.

"Clocks stopped; windows and doors were shaken sensibly ..."  
The Los Angeles Times, 24 Oct 1894, p. 3.

SAN PASQUEL I=F

Felt. Escondido Times, 1 Nov 1894, p. 3.

VALLEY CENTER I=F

"We have experienced five earthquakes during the past week."  
Escondido Times, 1 Nov 1894, p. 3.

BAJA DEL NORTE (MEXICO)

ENSENADA I=F

"En la Ensenada se sintieron varios temblores en esos mismos dias." (In Ensenada various tremors were felt on these same days - 22nd to 26th of October.) The Lower Californian (Ensenada), 2 Nov 1892, p. 2.

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60  
47  
4409

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1896 Aug 17  
TIME: 11:30 GMT  
LOCATION: 36.800N 118.100W SOUTHERN SIERRA NEVADA

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FRESNO COUNTY

FRESNO I=F

Sharp. The Expositor (Fresno), 17 Aug 1896, p. 1.

INYO COUNTY

BIG PINE I=4-5

Lodgers at a hotel startled. The Inyo Register (Bishop), 20 Aug 1896, p. 3.

BISHOP I=N

Not felt. The Inyo Register (Bishop), 20 Aug 1896, p. 3.

INDEPENDENCE I=8

People aroused from their sleep; crumbled adobes slid to the ground. Inyo Independent (Independence), 21 Aug 1896, p. 3.

LONE PINE I=6

People panic stricken for a short time, fearing a repetition of the horror of 1872. Inyo Independent (Independence), 21 Aug 1896, p. 3.

KERN COUNTY

BAKERSFIELD I=5

Many people awakened, many not awakened; stopped a clock. The Daily Californian (Bakersfield), 17 Aug 1896, p. 3.

KINGS COUNTY

HANFORD I=6

Stopped clocks; shook down loose plaster. Daily Morning Delta (Visalia), 18 Aug 1896, p. 1.

MERCED COUNTY

MERCED I=5

Sharp. Merced Express, 21 Aug 1896, p. 3.

Awoke a great many people. Tulare County Times (Visalia), 20 Aug 1896, p. 3.

Stopped many clocks. San Francisco Chronicle, 18 Aug 1896, p. 4.

TULARE COUNTY

TULARE I=5

Awoke people from a sound sleep. Tulare County Times (Visalia), 20 Aug 1896, p. 3.

VISALIA I=5

Awoke about half the people in town. Tulare County Times (Visalia), 20 Aug 1896, p. 3.

Bell rang. Daily Morning Delta (Visalia), 18 Aug 1896 p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1897 Jun 20  
TIME: 20:14 GMT  
LOCATION: 37.000N 121.500W EAST OF MONTEREY BAY

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ALAMEDA COUNTY

ALAMEDA I=F

Distinct. The San Francisco Call, 21 June 1897, p. 1.

BERKELEY I=H

Heavy. The San Francisco Call, 21 June 1897, p. 1.

CENTERVILLE I=F

Felt. McAdie (1907), p. 7.

DECOTO I=8?

One or two old barns fell. San Francisco Chronicle, 21 June 1897,  
p. 3.

HAYWARD I=F

Well defined. San Francisco Chronicle, 21 June 1897, p. 3.

NILES I=F

Felt. McAdie (1907), p. 7.

OAKLAND I=6

In a great many places plastering cracked, some fell. Oakland  
Tribune, 21 June 1897, p. 8.

PLEASANTON I=4-5

Brought people "to their feet and to the doors". The San Francisco Call, 21 June 1897, p. 1.

SAN LEANDRO I=F

Felt. McAdie (1907), p. 7.

WEST OAKLAND I=L

Hardly noticeable. The San Francisco Call, 21 June 1897, p. 1.

AMADOR COUNTY

JACKSON I=2

Felt by a few. The Amador Dispatch (Jackson), 25 June 1897, p. 3.

CALAVERAS COUNTY

MILTON I=F

Distinct. San Francisco Chronicle, 21 June 1897, p. 3.

CONTRA COSTA COUNTY

ANTIOCH I=4-5

A number of people badly frightened. The Weekly Antioch Ledger, 26 June 1897, p. 3.

MARTINEZ I=S

Slight; the most severe shock felt for some time The Contra Costa Gazette (Martinez), 26 June 1897, p. 3.

FRESNO COUNTY

CANTUA CREEK I=F

Felt. McAdie (1907), p. 7.

FRESNO I=5

Not felt by most outdoors; more or less alarm among people on second or third floors; electric clock stopped; water splashed out of a tub; dishes rattled. The Expositor (Fresno), 24 June 1897, p. 3.

SELMA I=2

Felt by a few. The Expositor (Fresno), 24 June 1897, p. 3.

#### KERN COUNTY

BAKERSFIELD I=N

Not felt. The San Francisco Call, 21 June 1897, p. 1.

#### KINGS COUNTY

HANFORD I=F

Felt. The San Francisco Call, 21 June 1897, p. 1.

#### MARIN COUNTY

MILL VALLEY I=F

Felt. The Examiner (San Francisco), 21 June 1897, p. 2.

SAN RAFAEL I=F

Very perceptible. Marin County Tocsin (San Rafael), 26 June 1897, p. 3.

SAUSALITO I=F

Felt. The Examiner (San Francisco), 21 June 1897, p. 2.

#### MERCED COUNTY

MERCED I=5

Sharp; severest since 1872. Merced Express, 25 June 1897, p. 3.

Several people ran out; a few clocks stopped. San Francisco Chronicle, 21 June 1897, p. 3.

MONTEREY COUNTY

ARROYO SECO I=S

Quite severe. Salinas Daily Index, 27 June 1897, p. 4.

BRADLEY I=F \

Quite a shock. Salinas Daily Index, 26 June 1897, p. 4.

DEL MONTE I=5-6

Pictures and glassware thrown down. San Francisco Chronicle, 21 June 1897, p. 3.

GONZALES I=6

Many window panes broken. Salinas Daily Index, 22 June 1897, p. 2.

JAMESBURG I=5

Rattled windows; stopped clocks. Salinas Weekly Journal, 3 July 1897, p. 4.

KING CITY I=4-5

Frightened a few timid people. Salinas Daily Index, 23 June 1897, p. 2.

MISSION SAN CARLOS I=8

Part of an adobe wall fell; other adobe buildings damaged. San Francisco Chronicle, 21 June 1897, p. 3.

MONTEREY I=6

Plaster cracked in several buildings, some fell. Monterey Cypress, 26 June 1897, p. 2.

NEW MONTEREY I=F

No damage. Salinas Daily Index, 23 June 1897, p. 2.

PACIFIC GROVE I=5

Badly scared some people; pictures and lamps set swinging. Pacific Grove Review, 26 June 1897, p. 3.

One or two light articles thrown down and broken. The San Francisco Call, 21 June 1897, p. 1.

PEACH TREE I=F

Quite a shock. Salinas Daily Index, 24 June 1897, p. 4.

PRUNEDALE I=S

Severe. Salinas Daily Index, 23 June 1897, p. 2.

SALINAS I=7

Plaster fell from ceilings; plate glasses broken; wall under construction fell; brick walls cracked; chimney thrown down. Salinas Daily Index, 22 June 1897, p. 2.

SAN LUCAS I=4-5

Considerable excitement; crockery rattled; lamps swang; houses groaned and cracked. Salinas Daily Index, 23 June 1897, p. 4.

SANTA RITA I=5+

Person sitting on the steps of a cottage pitched to the ground. Salinas Daily Index, 22 June 1897, p. 2.

SOLEDAD I=4-5

Caused some little excitement. Salinas Daily Index, 26 June 1897, p. 4.

#### NAPA COUNTY

NAPA I=2-3

Not felt by many. The Napa Journal, 25 June 1897, p. 2.

#### SACRAMENTO COUNTY

SACRAMENTO I=5

Stopped some clocks. San Francisco Chronicle, 21 June 1897, p. 3.

#### SAN BENITO COUNTY

HOLLISTER I=7

Plaster thrown from ceilings; windows broken; top of fire wall thrown down; two chimneys twisted around; chimney thrown down. The Free Lance (Hollister), 25 June 1897, p. 1.

Chimneys twisted, some thrown down; brick walls thrown out of line, parts fell. The San Benito Advance (Hollister), 25 June 1897, p. 3.

SAN JUAN I=7

Chimney thrown down. The Free Lance (Hollister), 25 June 1897, p. 4.

TRES PINOS I=4-5

Several women slightly frightened. The Free Lance (Hollister), 25 June 1897, p. 4.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=6

Clocks stopped. San Francisco Chronicle (San Francisco), 21 June

1897, p. 10.

Stone knocked from the corner of a building. The San Francisco Call, 21 June 1897, p. 1.

Some plaster knocked off. The Bulletin (San Francisco), 21 June 1897, p. 1.

#### SAN JOAQUIN COUNTY

STOCKTON I=4

Articles rattled. The Evening Mail (Stockton), 21 June 1897, p. 1.

#### SAN LUIS OBISPO COUNTY

TEMPLETON I=F

Lively. San Francisco Chronicle, 21 June 1897, p. 3.

SAN LUIS OBISPO I=4

Felt by quite a number. San Luis Obispo Tribune, 25 June 1897, p. 13.

#### SAN MATEO COUNTY

PESCADERO I=H

Heavy. Times-Gazette (Redwood City), 26 June 1897, p. 3.

REDWOOD CITY I=6

A clock struck three times. Redwood City Democrat, 24 June 1897, p. 3.

Rang the bell in the high school; cracked plaster in a few old buildings. The Examiner (San Francisco), 21 June 1897, p. 2.

WOODSIDE I=H

Very heavy. Redwood City Democrat, 24 June 1897, p. 2.

SANTA CLARA COUNTY

CAMPBELL I=F

Felt. McAdie (1907), p. 7.

COLLEGE PARK I=F

Felt. McAdie (1907), p. 7.

GILROY I=8

All the chimneys were either knocked down or twisted; windows shattered; considerable plaster knocked down; brick walls badly cracked. The Examiner (San Francisco), 21 June 1897, p. 1.

A wall of a brick building and of a concrete building were demolished. San Jose Mercury, 21 June 1897, p. 1.

LOS GATOS I=5-6

People ran out; nearly every clock stopped. San Jose Mercury, 22 June 1897, p. 2.

MOUNT HAMILTON I=5

Pictures rocked on the wall. McAdie (1907), p. 7.

SAN FELIPE I=8

Brick chimneys generally down. The San Benito Advance (Hollister), 25 June 1897, p. 3.

SAN JOSE I=6

Plaster cracked; wall cracked; moveable tank slid several inches. San Jose Mercury, 21 June 1897, p. 1.

SANTA CLARA I=7

A number of clocks stopped; chimney fell. San Jose Mercury, 21 June 1897, p. 5.

SARGENT I=8?

Building irreparably damaged. The Examiner (San Francisco),  
21 June 1897, p. 2.

MR. ZUCK'S RESIDENCE, 3 MI. SOUTHEAST OF GILROY I=8-9

The four walls were demolished; porch caved in. The San Benito  
Advance (Hollister), 25 June 1897, p. 3.

#### SANTA CRUZ COUNTY

BEN LOMOND I=F

Quite a shaking up. The Mountain Echo (Boulder Creek), 26 June  
1897, p. 4.

SANTA CRUZ I=6

Plaster knocked from walls. The San Francisco Call, 21 June 1897,  
p. 1.

WATSONVILLE I=7

Walls cracked; windows broken. The San Francisco Call, 21 June  
1897, p. 1.

A couple of chimneys toppled over. The Examiner (San Francisco),  
21 June 1897, p. 2.

#### SOLANO COUNTY

RIO VISTA I=F

Felt. Dixon Tribune, 25 June 1897, p. 2.

SUISUN I=L

Slight. The Solano Republican (Suisun), 25 June 1897, p. 3.

#### SONOMA COUNTY

SANTA ROSA I=2-3

Not noticed by many, Daily Republican (Santa Rosa), 21 June 1897, p. 1.

STANISLAUS COUNTY

MODESTO I=6

Stopped a number of clocks; some articles which were not securely fastened fell to the floor; many people on upper floors ran out. Stanislaus County Weekly News (Modesto), 25 June 1897, p. 1.

NEWMAN I=6?

Wall cracked. Stanislaus County Weekly News (Modesto), 25 June 1897, p. 1.

TULARE COUNTY

TULARE I=2

Distinct. Tulare Valley Citizen, 24 June 1897, p. 1.

Felt by few. The San Francisco Call, 21 June 1897, p. 1.

VISALIA I=4

Felt most by those who were in buildings of more than one floor; people in the streets did not feel the shock. Tulare County Times (Visalia), 24 June 1897, p. 1.

Rattled windows a little. Tulare County Times (Visalia), 24 June 1897, p. 3.

YOLO COUNTY

WOODLAND I=L

Light. Woodland Daily Democrat, 21 June 1897, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1898 Mar 31  
TIME: 07:43 GMT  
LOCATION: 38.200N 122.400W SAN PABLO BAY AREA

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ALAMEDA COUNTY

ALAMEDA I=7

Very marked; city hall vibrated for a full minute after the shock was over. Oakland Tribune, 31 Mar 1898, p. 1-2.

A chimney fell. San Francisco Chronicle, 31 Mar 1898, p. 5.

BERKELEY I=5

Lamp knocked over. Oakland Tribune, 31 Mar 1898, p. 1.

CENTERVILLE I=5

Woke people. Oakland Enquirer, 1 Apr 1898, p. 3.

DECOTO I=5

Severe. Oakland Enquirer, 1 Apr 1898, p. 3.

IRVINGTON I=5

"The inhabitants were all shaken up..." (11:45 PM). Oakland Enquirer, 1 Apr 1898, p. 3.

LIVERMORE I=5

Severe. Oakland Enquirer, 1 Apr 1898, p. 3.

NEWARK I=4

Windows rattled; timbers creaked; a church tower swayed; cattle bellowed. Oakland Enquirer, 1 Apr 1898, p. 3.

NILES I=F

Felt. McAdie (1907), p. 11.

OAKLAND I=7

Brick buildings swayed and groaned; rafters creaked in wooden buildings; woke people; some ran outside; felt on street cars; two chimneys fell; clocks stopped; many windows were broken; some walls cracked. Oakland Tribune, 31 Mar 1898, p. 1.

Dishes, vases, and other articles were broken; a few chimneys fell. Oakland Times, 1 Apr 1898, p. 4.

PLEASANTON I=5

Woke people; some were badly frightened. Oakland Enquirer, 1 Apr 1898, p. 3.

SAN LEANDRO I=F

Felt. McAdie (1907), p. 11.

#### AMADOR COUNTY

OLETA I=F

Felt. McAdie (1907), p. 11.

#### BUTTE COUNTY

CHICO I=4-5

Felt by many (11:45 PM). Chico Daily Record, 31 Mar 1898, p. 1.

#### CALAVEKAS COUNTY

WEST POINT I=F

Felt. McAdie (1907), p. 11.

COLUSA COUNTY

COLUSA I=4

"A sleeping village did not know...the earth trembled... The shock was felt by many in town." The Daily Colusa Sun, 31 Mar 1898, p. 2.

WILLIAMS I=5

Woke people. The Daily Colusa Sun, 31 Mar 1898, p. 3.

CONTRA COSTA COUNTY

ALAMO I=7

Chimneys down; groceries and dishes fell from shelves. The County Paper (Martinez), 7 Apr 1898, p. 3.

ALHAMBRA VALLEY I=7

Chimneys down; milk spilled; ornaments and bottles thrown down. Contra Costa Gazette (Martinez), 2 Apr 1898, p. 3.

ANTIOCH I=5

Felt by almost everyone; woke people; some frightened; no damage. The Weekly Antioch Ledger, 2 Apr 1898, p. 3.

CROCKETT I=7

"A few chimneys out of whack"; dishes broken; lamps overturned; "pictures on the wall went awry and household bric-a-brac scattered about". The County Paper (Martinez), 7 Apr 1898, p. 3.

DANVILLE I=7?

Bottled goods broken; two freight cars were "started". The County Paper (Martinez), 7 Apr 1898, p. 3.

GIANT I=5-6

Heavier than at Martinez. Contra Costa Gazette (Martinez),  
2 Apr 1898, p. 3.

Dishes broken. The County Paper (Martinez), 7 Apr 1898, p. 3.

MARTINEZ I=6

Woke people; some ran outside; plaster down; brick walls badly  
cracked; window panes broken; shelve goods thrown to the floor.  
Contra Costa Gazette (Martinez), 2 Apr 1898, p. 3.

PINOLE I=7

Goods were knocked down in a store; a saloon was "completely  
wrecked and many other buildings suffered". Oakland Tribune,  
31 Mar 1898, p. 2.

A chimney was "destroyed". Contra Costa Gazette (Martinez),  
2 Apr 1898, p. 3.

PORT COSTA I=8

Saloons wrecked; lamps overturned. Contra Costr Gazette (Martin-  
ez), 2 Apr 1898, p. 3.

All the chimneys in town were thrown down. The San Francisco  
Call, 31 Mar 1898, p. 8.

SAN PABLO I=6

A bottle was broken; a stove was "moved quite a distance". The  
County Paper (Martinez), 7 Apr 1898, p. 3.

WALNUT CREEK I=7

Woke people; a chimney fell. Contra Costa Gazette (Martinez),  
2 Apr 1898, p. 3.

EL DORADO COUNTY

GEORGETOWN I-F

Felt. McAdie (1907), p. 11.

FRESNO COUNTY

FRESNO I=N

Not felt. The Examiner (San Francisco), 31 Mar 1898, p. 1.

LAKE COUNTY

UPPER LAKE I=F

Felt. McAdie (1907), p. 11.

LOS ANGELES COUNTY

LOS ANGELES I=N

Not felt. The San Francisco Call, 31 Mar 1898, p. 8.

MARIN COUNTY

BLACK POINT I=6+

The drawbridge was rendered impossible. The Sonoma Index-Tribune,  
2 Apr 1898, p. 2.

BOLINAS I=7

Clocks stopped; goods were thrown from store shelves; chimneys  
fell. The San Francisco Call, 31 Mar 1898, p. 8.

IGNACIO I=6+

A residence was considerably damaged. The Petaluma Daily Courier,  
31 Mar 1898, p. 1.

MILL VALLEY I=5-6

People were frightened and ran outside; "pillows were thrown from  
the beds..." Marin County Tocsin (San Rafael), 2 Apr 1898, p. 3.

NOVATO I=6

One thousand gallons of milk was spilled; windows were broken. San Francisco Chronicle, 1 Apr 1898, p. 4.

SAN QUENTIN PRISON I=6

Windows were broken; ceiling was badly cracked. San Francisco Chronicle, 1 Apr 1898, p. 4.

Brick walls were cracked. The Examiner (San Francisco), 1 Apr 1898, p. 9.

SAN RAFAEL I=7

Woke people; frightened everyone; bric-a-brac knocked down; people ran outside; one or two chimney tops fell; plaster shaken down; clocks stopped. Marin County Tocsin (San Rafael), 2 Apr 1898, p. 3.

Windows broken; dome on the court house shifted; clocks stopped; drawbridge shifted four inches; an engine was derailed. San Francisco Chronicle, 1 Apr 1898, p. 4.

SOUTHEAST OF POINT KEYES I=F

Felt at sea on the Rufus E. Wood. San Francisco Chronicle, 1 Apr 1898, p. 4.

BETWEEN NOVATO AND NICASIO I=6+

Cracks opened in the road. The Examiner (San Francisco), 1 Apr 1898, p. 9.

ON THE STAGE ROAD BETWEEN THE SUMMIT AND BOLINAS I=6+

The earth opened in the road and water flowed from the hole. The Examiner (San Francisco), 1 Apr 1898, p. 9.

MENDOCINO COUNTY

POINT ARENA I=4

Severe; buildings swayed; no damage. The Mendocino Beacon,

9 Apr 1898, p. 5.

UKIAH I=5

Slight; clocks stopped. Ukiah Republican-Press, 1 Apr 1898, p. 1.

Not felt. Daily Republican (Santa Rosa), 31 Mar 1898, p. 3.

#### MONTEREY COUNTY

DEL MONTE I=S

More severe than elsewhere; no damage. The Examiner (San Francisco), 1 Apr 1898, p. 9.

MONTEREY I=H

Heavy. Monterey Cypress, 2 Apr 1898, p. 3.

PACIFIC GROVE I=F

Felt. Monterey Cypress, 2 Apr 1898, p. 3.

SALINAS I=F

Felt; no damage. Salinas Daily Index, 1 Apr 1898, p. 3.

Distinct. Salinas Weekly Journal, 2 Apr 1898, p. 3.

#### NAPA COUNTY

CALISTOGA I=5+

Severest ever; "little damage was done". The Weekly Calistogan, 1 Apr 1898, p. 3.

NAPA I=7

Plaster fell; chimneys fell; bricks fell from walls; wine vats sprang leaks; bridge approaches settled; window panes broke; items thrown from shelves; a book case fell. The Napa Register, 1 Apr 1898, p. 3.

No monuments were damaged in the cemetery. The Napa Register, 8 Apr 1898, p. 1.

An underground water line broke. The Napa Register, 8 Apr 1898, p. 4.

Brick walls badly cracked with some "ready to fall"; heavy wooden ornaments fell from the tops of two buildings; many ran outside. Napa Journal, 1 Apr 1898, p. 2.

NAPA JUNCTION I=4-5

People badly frightened; no damage. Napa Journal, 8 Apr 1898, p. 3.

ST. HELENA I=7

Stopped all clocks; several chimneys were cracked. St. Helena Star, 1 Apr 1898, p. 2.

Windows were broken and chimneys fell. San Francisco Chronicle, 1 Apr 1898, p. 4.

NEVADA COUNTY

GRASS VALLEY I=4-5

Woke "a number of people". Daily Morning Union (Grass Valley), 31 Mar 1898, p. 3.

Felt by many; some were awakened. The Weekly Telegraph (Grass Valley), 2 Apr 1898, p. 3.

NORTH SAN JUAN I=F

Felt. McAdie (1907), p. 11.

PLACER COUNTY

AUBURN I=4

Felt by a number of people. Placer County Republican (Auburn), 1 Apr 1898, p. 2.

"...not the slightest evidence of an earthquake..." The Examiner

(San Francisco), 1 Apr 1898, p. 9.

COLFAX I=4-5

Felt by many (11:45 PM). Colfax Sentinel, 1 Apr 1898, p. 3.

IOWA HILL I=F

Felt. Placer County Republican, 8 Apr 1898, p. 3.

SACRAMENTO COUNTY

CONSUMNES I=F

Felt. The Amador Dispatch (Jackson), 1 Apr 1898, p. 3.

GALT I=5

"Several clocks were stopped in town and many nervous people were frightened." Weekly Galt Gazette, 2 Apr 1898, p. 3.

SACRAMENTO I=5

Woke people; some ran outside. The Evening Bee (Sacramento), 31 Mar 1898, p. 5.

Chandeliers swung to and fro; several clocks stopped; not felt at the police station. The Record-Union (Sacramento), 31 Mar 1898, p. 4.

SAN BENITO COUNTY

HOLLISTER I=L

"Stirred things up somewhat..." The Free Lance (Hollister), 1 Apr 1898, p. 3.

Slight; no damage. The San Benito Advance, 1 Apr 1898, p. 3.

SAN JUAN BAUTISTA I=L

Slight; no damage. The San Benito Advance (Hollister), 1 Apr 1898, p. 2.

TRES PINOS I=L

Light. The Free Lance (Hollister), 8 Apr 1898, p. 1.

SAN DIEGO COUNTY

SAN DIEGO I=N

Not felt. The Examiner (San Francisco), 1 Apr 1898, p. 9.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=7

"...a few flimsy ornamental piers and lofty chimneys collapsed or were twisted askew"; some plaster fell; many window panes broke; a house on rotten underpinnings collapsed; clocks stopped. San Francisco Chronicle, 1 Apr 1898, p. 4.

SAN JOAQUIN COUNTY

LODI I=4-5

Little damage. San Francisco Chronicle, 1 Apr 1898, p. 4.

Frame buildings shook and quivered alarmingly; no damage. The Record-Union (Sacramento), 1 Apr 1898, p. 8.

STOCKTON I=5

Stopped clocks; rattled dishes and chandeliers; hanging lamps swung; woke people. Stockton Daily Independent, 31 Mar 1898, p. 5.

SAN MATEO COUNTY

PESCADERO I=F

Quite lively. Redwood City Democrat, 7 Apr 1898, p. 2.

REDWOOD CITY I=F

Felt. Times Gazette (Redwood City), 2 Apr 1898, p. 3.

SAN MATEO I=5

Clocks stopped. Times-Gazette (Redwood City), 2 Apr 1898, p. 3.

SANTA CLARA COUNTY

AGNEWS I=F

Felt. McAdie (1907), p. 11.

CAMPBELL I=F

Felt. McAdie (1907), p. 11.

COLLEGE PARK I=F

Felt. McAdie (1907), p. 11.

GILROY I=S

Quite severe; no damage. San Jose Daily Mercury, 2 Apr 1898, p. 2.

MOUNTAIN VIEW I=5

No damage; frightened people; shook things up generally (11:43 PM). San Jose Daily Herald, 3 Apr 1898, p. 5.

MT. HAMILTON I=5

Clocks stopped; no damage. Oakland Tribune, 31 Mar 1898, p. 1.

SAN JOSE I=6

Woke people; many ran outside; clocks stopped; dishes broken; "pictures dashed from the walls". San Jose Daily Herald, 31 Mar 1898, p. 8.

Plaster and walls cracked. San Jose Daily Herald, 1 Apr 1898, p. 5.

SANTA CRUZ COUNTY

BEN LOMOND I=5

Woke everybody. The Mountain Echo (Boulder Creek), 2 Apr 1898, p. 2.

BOULDER CREEK I=5

Woke everybody; no damage. The Mountain Echo (Boulder Creek), 2 Apr 1898, p. 2.

SANTA CRUZ I=6

A few clocks stopped; some loose plaster fell; some shelf goods fell; "...but in Santa Cruz there is no mentionable damage". Santa Cruz Surf, 31 Mar 1898, p. 3.

Woke everybody; frightened many; damage was slight. The Examiner (San Francisco), 1 Apr 1898, p. 9.

SOLANO COUNTY

BENICIA I=7

Cans, tin, boxes, bricks, and a part of the chimney were piled up "promiscuously" at the cannery which "stands on piles at the water front". The Examiner (San Francisco), 1 Apr 1898, p. 9.

DIXON I=5

Distinctly felt; no damage. The Solano Republican (Suisun), 8 Apr 1898, p. 2.

Woke almost everyone; clocks stopped. Dixon Tribune, 1 Apr 1898, p. 3.

HENRY MARTIN'S RESIDENCE, SUISUN VALLEY I=6+

Several springs were started. The Solano Republican (Suisun), 8 Apr 1898, p. 3.

MAINE PRAIRIE I=5

Clocks stopped; frightened some. Dixon Tribune, 8 Apr 1898, p. 2.

MARE ISLAND I=9

Two story sawmill and other buildings collapsed; partial collapse of other brick buildings; "...nearly every building was more or less damaged"; "The ground all about the navy yard is seamed and creviced". San Francisco Chronicle, 1 Apr 1898, p. 4.

RIO VISTA I=5

Woke people; frightened a number of residents; no damage. The River News (Rio Vista), 31 Mar 1898, p. 3.

SUISUN I=5

Most severe in years; people awakened; considerable alarm; no damage. The Solano Republican (Suisun), 1 Apr 1898, p. 3.

TREMONT I=F

Felt. Dixon Tribune, 8 Apr 1898, p. 2.

VACAVILLE I=5+

Severe; no serious damage. Dixon Tribune, 8 Apr 1898, p. 2.

VALLEJO I=8

Many buildings were damaged; brick walls were badly cracked, some badly sprung and others bulged; hundreds of chimneys fell; crockery, glassware and shelfgoods were thrown to the floor; marble monuments broken. San Francisco Chronicle, 1 Apr 1898, p. 4.

#### SONOMA COUNTY

ALEXANDER VALLEY I=5

The only damage done was to a gun knocked a gun "from its accustomed corner". Santa Rosa Press-Democrat, 9 Apr 1898, p. 1.

AQUA RICA SPRINGS I=6+

Water was thrown out of a reservoir. The Sonoma Index-Tribune, 2 Apr 1898, p. 3.

BLOOMFIELD I=5-6

Bottles knocked off the shelf. Santa Rosa Press-Democrat, 6 Apr 1898, p. 1.

CLOVERDALE I=S

Severe. The Petaluma Daily Courier, 31 Mar 1898, p. 1.

FORT ROSS I=F

Felt. McAdie (1907), p. 11.

GLEN ELLEN I=7

The flow of water from springs increased. Santa Rosa Press-Democrat, 6 Apr 1898, p. 1.

Walls separated; zinc flashings on the roof gave away; inmates at the Home for the Feeble Minded stampeded. Daily Republican (Santa Rosa), 1 Apr 1898, p. 3.

GREENWOOD ESTATE I=8-9

"...the house was twisted off its four-foot timber foundation and was dumped on the ground." "The levees were seamed and cracked"; a "deap crevasse" appeared in a field. The San Francisco Call, 3 Apr 1898, p. 5.

HEALDSBURG I=S

Severe. The Petaluma Daily Courier, 31 Mar 1898, p. 1.

LAKEVIEW I=8

A portion of a house was demolished and other houses "suffered";

much crockery and glassware was destroyed; a chimney fell. The Petaluma Daily Courier, 31 Mar 1898, p. 1.

LYTTON SPRINGS I=4-5

Remarkable shock; houses rocked and groaned. Santa Rosa Press-Democrat, 23 Apr 1898, p. 1.

MCDONALD WARM SPRING I=6+

Water was raised two feet. Santa Rosa Press-Democrat, 6 Apr 1898, p. 3.

WM. McELROY'S RESIDENCE 2 MI. S. OF SONOMA I=7

Chimney fell. The Sonoma Index-Tribune, 2 Apr 1898, p. 3.

DRAWBRIDGE ACROSS MIDSHIPMAN SLOUGH I=6+

Bridge shifted; crevasses along the bank. The San Francisco Call, 3 Apr 1898, p. 5.

OCCIDENTAL I=F

No damage. Daily Republican (Santa Rosa), 4 Apr 1898, p. 3.

PEACHLAND I=F

Felt. McAdie (1907), p. 11.

PETALUMA I=7-8

"People fled from their homes"; considerable plaster fell injuring several slightly; "fully 250 chimneys will have to be rebuilt"; brick walls were badly cracked and "bulge at different angles"; windows were broken; a fire wall was destroyed; "no damage was done in the cemeteries"; much crockery, dishes, and shelf goods were thrown to the floor; an iron smokestack was knocked down; a 700 pound safe was overturned. The Petaluma Daily Courier, 31 Mar 1898, p. 1.

SANTA ROSA I=7

People ran outside "in their night clothes"; plaster fell; windows were shattered; crockery broken. Santa Rosa Press-Democrat, 2 Apr 1898, p. 3.

Bricks fell from walls; a few weak chimneys fell. Daily Republican (Santa Rosa), 31 Mar 1898, p. 3.

SCHELLVILLE I=9

Upset pans of milk; on the Jones Ranch, a house "was lifted bodily...and landed two feet from its foundation"; large crack were opened at Capt. Hanto's Place. The Sonoma Index Tribune, 2 Apr 1898, p. 2.

SEBASTOPAL I=6

People ran outside; plaster fell; bottles fell; a few chimneys were slightly injured. The Sebastopal Times, 6 Apr 1898, p. 3.

SONOMA I=7

Walls were seamed and cracked; plaster fell; many items were thrown from shelves; windows were broken; a windmill was thrown down; scores of chimneys were cracked and twisted. The Sonoma Index-Tribune, 2 Apr 1898, p. 3.

TUBBS ISLAND I=8-9

A porch and an ell for the kitchen separated from the main house and collapsed; nearly all the plaster was knocked down; all furniture and dishes were broken; the house was "shifted"; four windmill tanks and one windmill fell; water and mud were thrown out of a ditch; farm implements were turned around in their sheds; bails of hay "rolled around"; chicken coops were turned over. The San Francisco Call, 3 Apr 1898, p. 5.

VALLEY FORD I=S

Very severe; no damage. Santa Rosa Press-Democrat, 6 Apr 1898, p. 1.

C.A. WHITNEY HOUSES ALONG PETALUMA CREEK I=8-9

Two houses twisted off their supports; everything breakable in-

side the house was broken. The San Francisco Call, 3 Apr 1898, p. 5.

STANISLAUS COUNTY

MODESTO I=4-5

Quite severe; houses rocked; no damage. Stanislaus County News (Modesto), 1 Apr 1898, p. 3.

SUTTER COUNTY

YUBA CITY I=F

Felt. The Sutter County Farmer, 1 Apr 1898, p. 3.

TUOLUMNE COUNTY

SONORA I=L

Slight. The Tuolumne Independent(Sonora), 2 Apr 1898, p. 5.

YOLO COUNTY

BLACKS I=F

"...about the same as in Woodland." Woodland Daily Democrat, 31 Mar 1898, p. 1.

CAPAY I=F

"Reports of the same tenor" as in Woodland. Woodland Daily Democrat, 31 Mar 1898, p. 1.

DAVISVILLE I=5

Woke people. Dixon Tribune, 8 Apr 1898, p. 2.

"Very few were not awakened...and some were affected by sea-sickness." Davisville Enterprise, 1 Apr 1898, p. 3.

ESPARTO I=F

"Reports of the same tenor" as in Woodland. Woodland Daily Democrat, 31 Mar 1898, p. 1.

KNIGHTS LANDING I=F

"...about the same as in Woodland." Woodland Daily Democrat, 31 Mar 1898, p. 1.

MADISON I=F

"Reports of the same tenor" as in Woodland. Woodland Daily Democrat, 31 Mar 1898, p. 1.

WINTERS I=5

Some rushed outside; "nothing hurt". The Winters Express, 1 Apr 1898, p. 8.

WOODLAND I=5

No damage; some alarm; shingles creaked; clocks stopped. The

Windows rattled; buildings swayed. Woodland Daily Democrat, 31 Mar 1898, p. 1.

YOLO I=F

"...about the same as in Woodland." Woodland Daily Democrat, 31 Mar 1898, p. 1.

YUBA COUNTY

MARYSVILLE I=4-5

Felt by almost everyone who was awake; a clock stopped; one family "in a three-story building was thoroughly affrightened". Marysville Daily Democrat, 31 Mar 1898, p. 4.

Some were very positive that they felt an earthquake. The Semi-Weekly Appeal, (Marysville), 4 Apr 1898, p. 3.

STATE OF NEVADA

CARSON CITY I=F

IV RF. Townley and Allen (1939), p. 279.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1898 Apr 15  
TIME: 07:07 GMT  
LOCATION: 39.200N 123.800W COASTAL MENDOCINO COUNTY

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ALAMEDA COUNTY

ALAMEDA I=L

Light. The Evening Bee (Sacramento), 15 Apr 1898, p. 8.

BERKELEY I=5

Not felt. The Evening Bee (Sacramento), 15 Apr 1898, p. 8.

Felt by many. McAdie (1907), p. 13.

OAKLAND I=4-5

Rattled gas fixtures; stopped a clock. Oakland Enquirer, 15 Apr 1898, p. 6.

Felt by less than half the people. Oakland Tribune, 19 Apr 1898, p. 5.

Not felt. The Evening Bee (Sacramento), 15 Apr 1898, p. 8.

CONTRA COSTA COUNTY

PORT COSTA I=4-5

Great alarm. The Evening Bee (Sacramento), 15 Apr 1898, p. 8.

GLENN COUNTY

WILLOWS I=5

Awoke many; stopped clocks; reopened cracks in brick walls. The

Promoter (Willows), 16 Apr 1898, p. 3.

HUMBOLDT COUNTY

EUREKA I=5

Clock stopped; small articles moved about considerably. Western Watchman (Eureka), 16 Apr 1898, p. 2.

FERNDALE I=F

Quite a rattler. Ferndale Semi-Weekly Enterprise, 19 Apr 1898, p. 5.

LAKE COUNTY

LAKEPORT I=H

Quite heavy. Ukiah Republican-Press, 16 Apr 1898, p. 4.

MARIN COUNTY

SAN RAFAEL I=N

Not felt. The Evening Bee (Sacramento), 15 Apr 1898, p. 8.

MENDOCINO COUNTY

ALBION I=6+

Hill sides rent. Santa Rosa Press-Democrat, 20 Apr 1898, p. 1.

COMPTCHE I=7

Plastering entirely shaken off of two rooms and two fireplaces wrecked in a house. The Mendocino Beacon, 23 Apr 1898, p. 1.

FORT BRAGG I=7

People ran out. The Mendocino Beacon, 23 Apr 1898, p. 5.

Two chimneys shaken down. Ukiah Republican-Press, 15 Apr 1898, p. 4.

GREENWOOD I=9

Fifty feet of wharf destroyed. The Mendocino Beacon, 16 Apr 1898, p. 1.

Two houses collapsed. Ukiah Republican-Press, 29 Apr 1898, p. 1.

HALFWAY HOUSE I=S

Quite severe. Ukiah Republican-Press, 15 Apr 1898, p. 1.

LITTLE RIVER I=8

Hardly a chimney left standing. San Francisco Chronicle, 16 Apr 1898, p. 7.

MENDOCINO I=8

Chimneys tumbled down. The Mendocino Beacon, 16 Apr 1898, p. 1.

Many chimneys thrown down or cracked; monuments in the cemetery thrown down or twisted. San Francisco Chronicle, 16 Apr 1898, p. 7.

8 MI. FROM MENDOCINO TOWARD UKIAH I=6+

Huge slide on the road. The Mendocino Beacon, 16 Apr 1898, p. 1.

BETWEEN NAVARRO AND LITTLE RIVER I=8

But few chimneys were not seamed or broken. The Mendocino Beacon, 16 Apr 1898, p. 1.

NOYO I=9

House toppled over. The Mendocino Beacon, 16 Apr 1898, p. 1.

PINE GROVE I=7

Chimneys fell. The Mendocino Beacon, 16 Apr 1898, p. 1.

POINT ARENA I=6

People badly frightened; all rushed out of their houses. The Mendocino Beacon, 23 Apr 1898, p. 4.

Some crockery shaken from shelves; milk pans and water vessels emptied of their contents; a ceiling cracked; light house tower cracked. San Francisco Chronicle, 16 Apr 1898, p. 7.

UKIAH I=7

People ran out. Ukiah Republican-Press, 15 Apr 1898, p. 4.

Lamps overturned; chimney tops shaken off; walls cracked. Santa Rosa Press-Democrat, 20 Apr 1898, p. 3.

NAPA COUNTY

NAPA I=F

Felt. The Napa Journal, 22 Apr 1898, p. 4.

SACRAMENTO COUNTY

SACRAMENTO I=N

Not felt. The Record-Union (Sacramento), 15 Apr 1898, p. 4.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

Stopped a clock; broke a window. San Francisco Chronicle, 15 Apr 1898, p. 14.

SAN JOAQUIN COUNTY

STOCKTON I=L

Light. The Evening Bee (Sacramento), 15 Apr 1898, p. 8.

SANTA CLARA COUNTY

MOUNT HAMILTON I=N

Not felt. Oakland Tribune, 15 Apr 1898, p. 5.

SONOMA COUNTY

LYTTON SPRINGS I=4-5

Little alarm. Santa Rosa Press-Democrat, 23 Apr 1898, p. 1.

SANTA ROSA I=5

Stopped many clocks; rattled windows; timbers creaked. Daily Republican (Santa Rosa), 15 Apr 1898, p. 1.

SEBASTOPOL I=S

Severe. The Sebastopol Times, 20 Apr 1898, p. 3.

SUMMIT JOINT I=L

Slight. Santa Rosa Press-Democrat, 16 Apr 1898, p. 1.

TEHAMA COUNTY

RED BLUFF I=5

Frightened many; "...caused the pendulums of many clocks to dangle..."; chandeliers vibrated. Daily People's Cause (Red Bluff), 15 Apr 1898, p. 1.

Not felt by those on the streets; felt by those who were not asleep; stopped clocks. Daily Red Bluff News, 16 Apr 1898, p. 4.

TRINITY COUNTY

WEAVERVILLE I=L

Slight. Weekly Trinity Journal (Weaverville), 16 Apr 1898, p. 3.

YOLO COUNTY

WOODLAND I=N ·

Not felt. Woodland Daily Democrat, 15 Apr 1898, p. 4.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1899 Apr 16  
TIME: 13:40 GMT  
LOCATION: 40.500N 125.500W OFFSHORE HUMBOLDT COUNTY

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DEL NORTE COUNTY

CRESCENT CITY I=5

Heaviest since 1872 (1873). Del Norte Record (Crescent City),  
22 Apr 1899, p. 3.

Populace aroused from their slumbers. The San Francisco Call,  
17 Apr 1899, p. 1.

HUMBOLDT COUNTY

ARCATA I=5

Disturbed many who were asleep. The Arcata Union, 22 Apr 1899,  
p. 3.

EUREKA I=6

Routed a great many people out of bed; shook loose an iron flue  
between the boilers and smokestack at a mill. Daily Humbolt  
Standard (Eureka), 17 Apr 1899, p. 4.

FERNDALE I=5

Disturbed the slumbers of all who were not up. Ferndale Semi-  
Weekly Enterprise, 18 Apr 1899, p. 5.

HYDESVILLE I=F

Felt. McAdie (1907), p. 16.

MENDOCINO COUNTY

ALBION I=L

Slight. The Mendocino Beacon, 22 Apr 1899, p. 1.

MENDOCINO I=L

Slight. The Mendocino Beacon, 22 Apr 1899, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1899 Apr 30

TIME: 22:41 GMT

LOCATION: 36.900N 121.600W SANTA CRUZ AND SAN BENITO COUNTIES

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ALAMEDA COUNTY

ALVARADO I=F

Felt. McAdie (1907), p. 17.

BERKELEY I=L

Slight. San Francisco Chronicle, 1 May 1899, p. 3.

DECOTO I=5+

Many clocks stopped; slight damage to badly constructed or old buildings. San Francisco Chronicle, 1 May 1899, p. 3.

NILES I=F

Felt. McAdie (1907), p. 17.

OAKLAND I=L

Slight. Oakland Enquirer, 2 May 1899, p. 5.

SAN LEANDRO I=F

Felt. McAdie (1907), p. 17.

CONTRA COSTA COUNTY

CONCORD I=L

Slight. Contra Costa Gazette (Martinez), 6 May 1899, p. 5.

MARTINEZ I=5

Quite heavy. Contra Costa Gazette (Martinez), 6 May 1899, p. 5.

Quite a number of naps interrupted. County Paper (Martinez), 4 May 1899, p. 3.

PORT COSTA I=F

Temblor of short duration. Contra Costa Gazette (Martinez), 6 May 1899, p. 5.

#### MARIN COUNTY

SAN QUENTIN I=L

Slight. The Examiner (San Francisco), 1 May 1899, p. 10.

SAN RAFAEL I=F

Felt distinctly. San Francisco Call, 1 May 1899, p. 2.

#### MONTEREY COUNTY

AGENDA I=F

Felt. Salinas Weekly Index, 4 May 1899, p. 8.

HOTEL DEL MONTE I=H

"...heavier than elsewhere hereabouts." San Francisco Chronicle, 1 May 1899, p. 3.

JAMESBURG I=H

Quite heavy. Salinas Daily Journal, 13 May 1899, p. 4.

MONTEREY I=L

Slight. Monterey Cypress, 6 May 1899, p. 3.

Severe. San Francisco Chronicle, 1 May 1899, p. 3.

PACIFIC GROVE I=F

Distinct. San Francisco Chronicle, 1 May 1899, p. 3.

SALINAS I=6

Broke some window panes and crockery. Salinas Weekly Index,  
1 May 1899, p. 5.

SOLEDAD I=F

Felt, McAdie (1907), p. 17.

#### NAPA COUNTY

NAPA I=2

Felt by a few. Napa Journal, 5 May 1899, p. 3.

#### SAN BENITO COUNTY

HOLLISTER I=6

Awful fright. The Free Lance (Hollister), 5 May 1899, p. 5.

A little plaster fell. San Benito Advance (Hollister), 5 May  
1899, p. 7.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=5

Rattled windows; not noticed by many. San Francisco Call, 1 May  
1899, p. 2.

Considerable alarm among occupants of tall buildings. The Exam-  
iner (San Francisco), 1 May 1899, p. 10.

People ran into the streets. San Francisco Report, 1 May  
1899, p. 3.

SAN JOAQUIN COUNTY

STOCKTON I=2-3

Not generally noticed. Stockton Record, 1 May 1899, p. 5.

SAN MATEO COUNTY

PESCADERO I=L

Slight. Redwood City Democrat, 4 May 1899, p. 3.

REDWOOD CITY I=F

Brisk. Redwood City Democrat, 4 May 1899, p. 3.

SAN MATEO I=6?

Wall cracked. Redwood City Democrat, 11 May 1899, p. 3.

SANTA CLARA COUNTY

CAMPBELL I=F

Felt. McAdie (1907), p. 17.

COYOTE I=F

Felt. McAdie (1907), p. 17.

LOS GATOS I=S

Violent. San Francisco Chronicle, 1 May 1899, p. 3.

MOUNT HAMILTON I=F

Felt rather more faintly than at San Jose. San Francisco Chronicle, 1 May 1899, p. 3.

PALO ALTO I=L

Slight. The Palo Alto Times, 2 May 1899, p. 2.

SAN JOSE I=4

Slight. San Jose Daily Mercury, 1 May 1899, p. 5.

Chandeliers swayed; glassware rattled. San Francisco Chronicle, 1 May 1899, p. 3.

SANTA CRUZ COUNTY

BOULDER CREEK I=H

Prolonged and heavy. The Mountain Echo (Boulder Creek), 6 May 1899, p. 4.

CAPITOLA I=F

Felt. McAdie (1907), p. 17.

CORRALITOS I=6

Several windows shattered; crockery broken. Santa Cruz Surf, 4 May 1899, p. 7.

GLENWOOD I=F

Felt. McAdie (1907), p. 17.

GREEN VALLEY I=7

A number of chimneys twisted; chimneys thrown down. Santa Cruz Surf, 4 May 1899, p. 7.

SANTA CRUZ I=6

Heavy. Santa Cruz Sentinel, 2 May 1899, p. 3.

Bric-a-brac broken; in some stores clocks thrown from shelves. San Francisco Call, 1 May 1899, p. 2.

WATSONVILLE I=7

Plaster shaken from numerous ceilings; chimneys toppled over.  
Salinas Weekly Journal, 6 May 1899, p. 1.

SONOMA COUNTY

PETALUMA I=5

Crockery and glassware rattled; loose articles knocked from shelving. Petaluma Daily Argus, 1 May 1899, p. 3.

STANISLAUS COUNTY

MODESTO I=4-5

Alarmed the timid. Stanislaus County Weekly News (Modesto),  
5 May 1899, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE ·  
DATE: 1899 Jun 2  
TIME: 07:19 GMT  
LOCATION: 37.800N 122.600W SAN FRANCISCO

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ALAMEDA COUNTY

BERKELEY I=F

Felt. Oakland Enquirer, 2 June 1899, p. 2.

HAYWARD I=4-5

Windows rattled; people in an infirmary frightened. San Francisco Chronicle, 2 June 1899, p. 2.

LIVERMORE I=F

Felt. McAdie (1907), p. 17.

NILES I=F

Sharp. McAdie (1907), p. 17.

OAKLAND I=7

Many people badly scared; people ran out; clock stopped. Oakland Enquirer, 2 June 1899, p. 2.

Chimneys toppled over. The Examiner (San Francisco), 2 June 1899, p. 14.

CONTRA COSTA COUNTY

MARTINEZ I=S

Severe. Contra Costa Gazette (Martinez), 3 June 1899, p. 1.

PORT COSTA I=F

Sharp. Contra Costa Gazette (Martinez), 10 June 1899, p. 2.

LOS ANGELES COUNTY

LOS ANGELES I=N

Not felt. San Francisco Chronicle, 2 June 1899, p. 2.

MARIN COUNTY

SAN RAFAEL I=5

Disturbed the slumbers of many. Marin County Tocsin (San Rafael), 3 June 1899, p. 3.

NAPA COUNTY

CALISTOGA I=L

Slight. The Weekly Calistogan (Calistoga), 2 June 1899, p. 3.

NAPA I=S

Severe. The Napa Journal, 9 June 1899, p. 4.

Slight. The Napa Daily Register, 2 June 1899, p. 3.

SACRAMENTO COUNTY

SACRAMENTO I=4

Buildings trembled. The Evening Bee (Sacramento), 2 June 1899, p. 5.

Not felt. San Francisco Chronicle, 2 June 1899, p. 2.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=7

Windows broken; chimneys tumbled down; part of several cornices knocked off. San Francisco Chronicle, 2 June 1899, p. 2.

SAN JOAQUIN COUNTY

STOCKTON I=4

Hardly felt by people on the street or in low buildings; plainly felt by those in high or frame buildings. San Francisco Chronicle, 2 June 1899, p. 2.

SANTA CLARA COUNTY

CAMPBELL I=F

Felt. McAdie (1907), p. 17.

MOUNT HAMILTON I=L

Light. San Francisco Chronicle, 2 June 1899, p. 2.

PALO ALTO I=S

Quite severe. The Palo Alto Times, 2 June 1899, p. 10.

SAN JOSE I=5

Sharp. San Jose Daily Mercury, 2 June 1899, p. 5.

A number of occupants of brick buildings ran out. San Francisco Chronicle, 2 June 1899, p. 2.

SANTA CRUZ COUNTY

BOULDER CREEK I=H

Heavy. The Mountain Echo (Boulder Creek), 3 June 1899, p. 3.

CAPITOLA I=F

Felt. McAdie (1907), p. 17.

SANTA CRUZ I=F

Felt. Santa Cruz Daily Sentinel, 2 June 1899, p. 3.

SOLANO COUNTY

MARE ISLAND I=S

More severe than at Vallejo. The Examiner (San Francisco),  
2 June 1899, p. 14.

VALLEJO I=S

Rather severe. The Examiner (San Francisco), 2 June 1899, p. 14.

SONOMA COUNTY

PEACHLAND I=F

Felt. McAdie (1907), p. 17.

PETALUMA I=H

Heavy. Petaluma Daily Argus, 2 June 1899, p. 3.

SANTA ROSA I=5

Awoke nearly everyone. Santa Rosa Republican, 2 June 1899, p. 3.

STANISLAUS COUNTY

MODESTO I=2

Felt by a few. Daily Evening News (Modesto), 2 June 1899, p. 1.

YOLO COUNTY

WOODLAND I=N

Not felt. Woodland Daily Democrat, 2 June 1899, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1899 Jul 6  
TIME: 20:10 GMT  
LOCATION: 36.700N 121.300W MONTEREY COUNTY

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ALAMEDA COUNTY

BERKELEY I=L

Slight. Oakland Enquirer, 7 July 1899, p. 3.

IRVINGTON I=5-6

People ran out. The Examiner (San Francisco), 7 July 1899, p. 7.

MOUNT EDEN I=F

Felt. McAdie (1907), p. 18.

NILES I=F

Felt. McAdie (1907), p. 18.

OAKLAND I=L

Very light. Oakland Tribune, 6 July 1899, p. 1.

PLEASANTON I=8

Brick walls cracked. The Examiner (San Francisco), 7 July 1899, p. 7.

Wooden structures more or less twisted. San Francisco Call, 7 July 1899, p. 7.

CONTRA COSTA COUNTY

MARTINEZ I=F

Distinctly felt at the hospital. County Paper (Martinez),  
13 July 1899, p. 3.

MARIN COUNTY

TAMALPAIS I=F

Very distinct. The Examiner (San Francisco), 7 July 1899, p. 7.

MERCED COUNTY

LE GRANDE I=F

Felt. McAdie (1907), p. 18.

MERCED I=S

Severe. Merced Express, 7 July 1899, p. 3.

MONTEREY COUNTY

DEL MONTE I=4-5

Heavy. The Examiner (San Francisco), 7 July 1899, p. 7.

People badly frightened. San Francisco Call, 7 July 1899, p. 7.

GONZALES I=F

Felt. McAdie (1907), p. 18.

JAMESBURG I=H

Heavy. Salinas Weekly Journal, 15 July 1899, p. 4.

KING CITY I=5

Clocks stopped. San Francisco Call, 7 July 1899, p. 7.

MONTEREY I=5

Frightened timid people. The Monterey Cypress, 8 July 1899, p. 3.

Light articles overthrown. San Francisco Call, 7 July 1899, p. 7.

PACIFIC GROVE I=H

Heavy. San Francisco Chronicle, 7 July 1899, p. 12.

SALINAS I=6

Broke a few windows and lamp chimneys; people ran outside. Salinas Daily Index, 7 July 1899, p. 3.

TASSAJARA I=L

Slight. Salinas Daily Index, 9 July 1899, p. 4.

#### NAPA COUNTY

NAPA I=F

Felt. McAdie (1907), p. 18.

#### SAN BENITO COUNTY

SAN JUAN I=S

Quite severe. San Benito Advance (Hollister), 14 July 1899, p. 2.

#### SAN FRANCISCO COUNTY

SAN FRANCISCO I=2

Felt by few. San Francisco Chronicle, 7 July 1899, p. 12.

#### SAN JOAQUIN COUNTY

LATHROP I=F

Felt. McAdie (1907), p. 18.

STOCKTON I=F

Pronounced but not violent. San Francisco Chronicle, 7 July 1899, p. 12.

SAN LUIS OBISPO COUNTY

PASO ROBLES I=F?

Distinct (date uncertain). The Dixon Tribune, 14 July 1899, p. 3.

SAN LUIS OBISPO I=4

Windows rattled. San Luis Obispo Tribune, 14 July 1899, p. 3.

SAN MATEO COUNTY

MILBRAE I=F

Felt. McAdie (1907), p. 18.

SAN MATEO I=H

Heaviest and most prolonged in years. Times-Gazette (Redwood City), 8 July 1899, p. 3.

SANTA CLARA COUNTY

CAMPBELL I=F

Felt. McAdie (1907), p. 18.

COYOTE I=F

Felt. McAdie (1907), p. 18.

GILROY I=5+

Severe; no serious damage. The Examiner (San Francisco), 7 July 1899, p. 7.

LOS GATOS I=H

Heaviest for years. San Jose Daily Herald, 7 July 1899, p. 3.

MOUNT HAMILTON I=F

Plainly felt. San Jose Daily Herald, 6 July 1899, p. 3.

SAN JOSE I=4

Everyone inside a building noticed it. San Jose Daily Herald, 6 July 1899, p. 3.

STANFORD UNIVERSITY I=L

Slight. San Francisco Call, 7 July 1899, p. 7.

#### SANTA CRUZ COUNTY

BOULDER CREEK I=H

Heavy and prolonged. The Mountain Echo (Boulder Creek), 8 July 1899, p. 3.

CAPITOLA I=F

Felt. McAdie (1907), p. 18.

GLENWOOD I=F

Felt. McAdie (1907), p. 18.

SANTA CRUZ I=H

Unusually heavy. Santa Cruz Sentinel, 7 July 1899, p. 7.

WATSONVILLE I=7

Threw down several chimneys. The Examiner, 7 July 1899, p. 7.

#### SONOMA COUNTY

PETALUMA I=F

Felt. Petaluma Daily Argus, 6 July 1899, p. 3.

STANISLAUS COUNTY

MODESTO I=6

Plastering cracked and shelving loosened in a store. Stanislaus County Weekly News (Modesto), 7 July 1899, p. 3.

COUNTY UNKNOWN

ELMWOOD I=F

Felt. McAdie (1907), p. 18.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1899 Jul 22  
TIME: 0:46 GMT  
LOCATION: 34.200N 117.400W EASTERN TRANSVERSE RANGES

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LOS ANGELES COUNTY

CLAREMONT I=F

Felt. Los Angeles Times, 23 July 1899, pt. 3, p. 1.

COMPTON I=F

Very perceptible. Los Angeles Herald, 22 July 1899, p. 5.

LONG BEACH I=F

Distinct. Los Angeles Herald, 22 July 1899, p. 5.

LOS ANGELES I=5

Cracked plaster; moved tables; shook pictures; not felt by many on their feet in the City Hall. Los Angeles Herald, 22 July 1899, p. 5.

PASADENA I=4

Dishes rattled; chandeliers swayed. Riverside Daily Press, 22 July 1899, p. 1.

SANTA MONICA I=2-3

Not felt by many. Santa Monica Daily Outlook, 22 July 1899, p. 4.

ORANGE COUNTY

GARDEN GROVE I=F

Felt. Anaheim Weekly Gazette, 27 July 1899, p. 3.

SANTA ANA I=L

Light. Los Angeles Times, 23 July 1899, pt. 3, p. 1.

RIVERSIDE COUNTY

CORONA I=F

Felt. Riverside Daily Press, 26 July 1899, p. 4.

MENIFEE I=F

Felt. Press and Horticulturist (Riverside), 29 July 1899, p. 4.

RIVERSIDE I=5-6

People ran out; broke a few dishes. Riverside Daily Press,  
22 July 1899, p. 5.

SAN JACINTO I=F

Very distinct. Riverside Daily Press, 24 July 1899, p. 3.

WILDOMAR I=H

Quite strong. Riverside Daily Press, 27 July 1899.

SAN BERNARDINO COUNTY

BARSTOW I=4

Shook several buildings; gave the people queer feelings. The  
Evening Transcript (San Bernardino), 22 July 1899, p. 1.

CAJON PASS I=6+

Massive landslide. Free Press (San Bernardino), 22 July 1899,  
p. 1.

COLTON I=5-6

Houses swayed; crockery rattled; people rushed outdoors. River-  
side Daily Press, 22 July 1899, p. 1.

HOLCOMB VALLEY I=H

Very heavy. Daily Sun (San Bernardino), 26 July 1899, p. 8.

LYTLE CREEK I=6+

Rock fall. Daily Sun (San Bernardino), 22 July 1899, p. 8.

Stream increased flow. Daily Sun (San Bernardino), 23 July 1899,  
p. 4.

UPPER PORTIONS OF LYTLE CREEK I=S

Pretty severe. Daily Sun (San Bernardino), 23 July 1899, p. 8.

ONTARIO I=6

Plastering on the walls of some buildings cracked; some plaster  
thrown down; wall cracked. Ontario Record, 26 July 1899, p. 1.

ORO GRANDE I=F

Pretty hard. The Daily Times-Index (San Bernardino), 22 July  
1899, p. 5.

REDLANDS I=6

Felt. The Citrograph (Redlands), 29 July 1899, p. 6.

Walls of buildings cracked; people rushed out. Redlands Daily  
Facts, 22 July 1899, p. 3.

RIALTO I=F

Felt. Daily Sun (San Bernardino), 25 July 1899, p. 4.

SAN BERNARDINO I=7

Not felt by most on the streets; clocks stopped; wall cracked; windows cracked; foundation cracked. Daily Sun (San Bernardino), 22 July 1899, p. 8.

At least one chimney shaken down. The Daily Times-Index (San Bernardino), 22 July 1899, p. 5.

SQUIRREL INN I=7

Tops knocked off of several chimneys. Free Press (San Bernardino), 22 July 1899, p. 1.

Bark shaken from logs. Daily Sun (San Bernardino), 22 July 1899, p. 8.

VICTOR I=F

Felt. The Daily Times-Index (San Bernardino), 25 July 1899, p. 7.

YUCAIPA I=F

Felt. Daily Sun (San Bernardino), 25 July 1899, p. 8.

SAN DIEGO COUNTY

CARLSBAD I=F?

Scarcely felt (no date given). The Escondido Times, 27 July 1899, p. 4.

SAN DIEGO I=2-3

Felt by those in high buildings or on easily shaken footing; not felt by a majority. The San Diegan-Sun (San Diego), 22 July 1899, p. 1.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1899 Jul 22  
TIME: 20:32 GMT  
LOCATION: 34.300N 117.400W EASTERN TRANSVERSE RANGES

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LOS ANGELES COUNTY

CLAREMONT I=F

Felt. Los Angeles Times, 23 July 1899, pt. 3, p. 1.

COVINA I=5-6

Cracked plaster walls and ceilings. Los Angeles Times,  
23 July 1899, pt. 3, p. 1.

LONG BEACH I=S

Severest in years. The Los Angeles Record, 22 July 1899, p. 1.

Felt. The Tribune (Long Beach), 25 July 1899, p. 2.

LORDSBURG I=7

Half the big chimney toppled over. Redlands Daily Facts, 22 July  
1899, p. 3.

LOS ANGELES I=7

Tiles and part of a cornice knocked from the city hall; a number  
of windows broken; chimney tumbled down; wall cracked; many peo-  
ple walking along the streets did not notice the shock. The  
Los Angeles Record, 22 July 1899, p. 1.

MONROVIA I=6

People frightened; several panes of glass broken. The Los Angeles

Record, 22 July 1899, p. 1.

PASADENA I=6

Stopped clocks; broke a few windows. The San Diego Union,  
23 July 1899, p. 1.

POMONA I=5+

Some damage. Townley and Allen (1939), p. 110.

SAN PEDRO I=5

Severest in years. The Los Angeles Record, 22 July 1899, p. 1.

Heavy, angular bottle knocked from a shelf. Los Angeles Times,  
24 July 1899, p. 9.

SANTA MONICA I=5-6

A little more generally felt than the one at 0:46 GMT. Santa  
Monica Daily Outlook, 22 July 1899, p. 4.

People rushed into the streets. The Los Angeles Record, 22 July  
1899, p. 1.

SOUTH PASADENA I=6

People ran from their houses; considerable glassware broken.  
The Los Angeles Record, 22 July 1899, p. 1.

TERMINAL ISLAND I=5

Severest in years. The Los Angeles Record, 22 July 1899, p. 1.

#### ORANGE COUNTY

ANAHEIM I=6

Several brick walls cracked; clocks stopped. Los Angeles Times,  
23 July 1899, pt. 3, p. 1.

GARDEN GROVE I=F

Felt. Anaheim Weekly Gazette, 27 July 1899, p. 3.

ORANGE I=S

Most severe for many years. Los Angeles Times, 23 July 1899, pt. 3, p. 1.

SANTA ANA I=6+

Artesian wells increased flow. The Los Angeles Record, 24 July 1899, p. 3.

Occupants of three-story brick buildings considerably frightened; apricots shaken from trees. The San Diego Union, 23 July 1899, p. 1.

SOQUEL SULPHUR SPRING I=6+

Spring increased flow. Anaheim Weekly Gazette, 3 Aug 1899, p. 1.

#### RIVERSIDE COUNTY

CORONA I=F

Felt. Riverside Daily Press, 26 July 1899, p. 4.

MENIFEE I=F

Felt. Press and Horticulturist (Riverside), 29 July 1899, p. 4.

MORENO I=6

Pepper tree swayed very perceptibly. Press and Horticulturist (Riverside), 29 July 1899, p. 4.

RIVERSIDE I=6

Almost all ran out; plaster knocked off; some glass broken; pile of sacks knocked over. Riverside Daily Press, 22 July 1899, p. 5.

Chimneys cracked. Redlands Daily Facts, 22 July 1899, p. 3.

SAN JACINTO I=S

Quite severe. Press and Horticulturist (Riverside), 29 July 1899, p. 4.

WILDOMAR I=H

Quit strong. Riverside Daily Press, 27 July 1899, p. 4.

SAN BERNARDINO COUNTY

BARSTOW I=7

People kept their feet only with difficulty. Daily Sun (San Bernardino), 23 July 1899, p. 8.

BEAR VALLEY I=N

Not felt by a person resting under a tree. Daily Sun (San Bernardino), 26 July 1899, p. 5.

CAJON I=H

Heavier than at San Bernardino. Daily Sun (San Bernardino), 23 July 1899, p. 8.

COLTON I=6?

Cracks made in some buildings. Redlands Daily Facts, 22 July 1899, p. 3.

CUCAMONGA I=6

Brick building cracked; electric motor stopped. Daily Sun (San Bernardino), 25 July 1899, p. 4.

CUCAMONGA CREEK I=6+

Stream flow increased. The Los Angeles Record, 26 July 1899, p. 3.

CANYON NORTH OF ETIWANDA I=6+

Stream increased flow. The Los Angeles Record, 26 July 1899, p. 3.

HESPERIA I=H

Heavier than at San Bernardino. Daily Sun (San Bernardino), 23 July 1899, p. 8.

HIGHLAND I=7

Building cracked and seamed. Daily Sun (San Bernardino), 23 July 1899, p. 8.

HOLCOMB VALLEY I=H

Very heavy. Daily Sun (San Bernardino), 26 July 1899, p. 8.

NEAR KEENBROOK I=6+

County road filled with rock. Daily Sun (San Bernardino), 23 July 1899, p. 8.

LYTLE CREEK I=8

Stream increased flow. Los Angeles Herald, 26 July 1899, p. 6.

An old adobe house knocked down. Daily Sun (San Bernardino), 27 July 1899, p. 5.

UPPER PORTIONS OF LYTLE CREEK I=7

People knocked from their feet; boulders rolled down the hills. Daily Sun (San Bernardino), 23 July 1899, p. 8.

MOUNT CUCAMUNGA I=6+

Dust cloud seen. The Los Angeles Record, 24 July 1899, p. 3.

NEEDLES I=F

Felt. Daily Sun (San Bernardino), 23 July 1899, p. 8.

NEAR THE TOP OF OLD BALDY I=6+

Large landslides. Press and Horticulturist (Riverside), 5 Aug 1899, p. 5.

ONTARIO I=F

Worst shock of the series; no damage. Ontario Record, 26 July 1899, p. 1.

MOUNTAIN RANGE NORTH OF ONTARIO I=6+

Landslides. Ontario Record, 26 July 1899, p. 1.

PATTON I=5+

Hospital damaged. Townley and Allen (1939), p. 110.

REDLANDS I=7

Three or four weak walls cracked. The Citrograph (Redlands), 29 July 1899, p. 6.

Considerable cracking of ceilings and brick walls; new second floor wall off set from older first floor on a building; a few dishes broken. Redlands Daily Facts, 22 July 1899, p. 3.

RIALTO I=F

"The people of the village are only just recovering their equilibrium...doors and window casings began to perform strange feats and the floors dipped like a ship's deck..." Daily Sun (San Bernardino), 25 July 1899, p. 4.

SAN ANTONIO CANYON I=6+

Creek increased flow. Ontario Record, 26 July 1899, p. 1.

SAN BERNARDINO I=7

Fire wall fell; walls cracked; plaster fell; chimney thrown down;

orniments knocked from a building. Daily Sun (San Bernardino),  
23 July 1899, p. 8.

MOUNTAINS ABOUT HALF WAY BETWEEN SAN BERNARDINO AND CAJON PASS I=6+

Dust clouds seen. Los Angeles Herald, 25 July 1899, p. 6.

SQUIRREL INN I=7

People knocked from their feet. Los Angeles Herald, 25 July  
1899, p. 6.

VICTOR I=6+

Springs increased flow. Daily Sun (San Bernardino), 27 July 1899,  
p. 5.

YUCAIPA I=F

Felt. Daily Sun (San Bernardino), 25 July 1899, p. 8.

#### SAN DIEGO COUNTY

CARLSBAD I=F?

Scarcely perceptible (date uncertain). The Escondido Times, 27 July  
1899, p. 4.

SAN DIEGO I=5-6

Pictures set to swinging; windows and loose articles of furniture  
rattled; clock stopped; people left buildings. The San Diegan-  
Sun (San Diego), 22 July 1899, p. 1.

#### VENTURA COUNTY

NORDHOFF (OJAI) I=L

Light. The Ojai (Nordhoff), 29 July 1899, p. 3.

VENTURA I=6

Caused a momentary fear. Ventura Independent, 27 July 1899,  
p. 3.

Threw out large quantities of water from the S.P.R.R. watering  
tank. Ventura Free Press, 28 July 1899, p. 13.

STATE OF ARIZONA

WINSLOW I=F

Felt. Daily Sun (San Bernardino), 23 July 1899, p. 8.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:  
DATE: 1899 Oct 13  
TIME: 05:00 GMT  
LOCATION: 38.400N 122.700W SANTA ROSA, SONOMA COUNTY

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MARIN COUNTY

SAN RAFAEL I=N

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

MENDOCINO COUNTY

UKIAH I=N

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

NAPA COUNTY

NAPA I=N

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

SAN FRANCISCO COUNTY

SAN FRANCISCO I=N

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

SONOMA COUNTY

CLOVERDALE I=N

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

FULTON I=F

1899 Oct 13

Felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

HEALDSBURG I=N

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

PETALUMA I=L

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

"Felt distinctly." Santa Rosa Republican, 14 Oct 1899, p. 3.

Very light. The Morning Argus (Petaluma), 14 Oct 1899, p. 1.

SANTA ROSA I=7

People ran out of their houses; bottles were broken in the drugstores; "commotion was caused among the glass and crockery ware..."; some plaster fell. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

Glassware in the drugstores "escaped injury". Santa Rosa Republican, 13 Oct 1899, p. 3.

Chimneys were thrown down. The Examiner (San Francisco), 13 Oct 1899, p. 2.

SONOMA I=N

Not felt. The Sonoma Index Tribune, 14 Oct 1899, p. 3.

COUNTY UNKNOWN

ALTRURIA I=N

Not felt. Santa Rosa Press-Democrat, 14 Oct 1899, p. 3.

CALIFORNIA DIVISION OF MINES AND GEOLOGY  
EARTHQUAKE CATALOG SYSTEM

INTENSITIES-SUMMARIES

EARTHQUAKE:

DATE: 1899 Dec 25

TIME: 12:25 GMT

LOCATION: 33.800N 117.00W POSSIBLE RUPTURE ON SAN JACINTO FAULT

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KERN COUNTY

BAKERSFIELD I=L

Light. The Kern County Gazette (Bakersfield), 30 Dec 1899, p. 3.

Pronounced. The Daily Californian (Bakersfield), 26 Dec 1899,  
p. 1.

TEHACHAPI I=F

Felt. The Daily Californian (Bakersfield), 27 Dec 1899, p. 6.

LOS ANGELES COUNTY

ARCADIA I=F

Felt. McAdie (1907), p. 20.

CLAREMONT I=F

Felt. McAdie (1907), p. 20.

COVINA I=5-6

Some china was shaken from shelves; no other damage. Los Angeles Times, 26 Dec 1899, p. 1.

EL MONTE I=5

Woke people. The Valley Vista (Sierra Madre), 30 Dec 1899, p. 5.

DUARTE I=F

Felt. McAdie (1907), p. 20.

GIRARD I=F

Felt. McAdie (1907), p. 20.

LONG BEACH I=5-6

Woke people; a few loose items were knocked down; stopped a few clocks. The Tribune (Long Beach), 29 Dec 1899, p. 1.

Pans and other loose articles in the stores and houses were shaken down. Los Angeles Times, 27 Dec 1899, p. 1.

LOS ANGELES I=6

Woke thousands of people; many ran outside; buildings creaked; chandeliers swayed; some windows broke; many clocks stopped; a brick was knocked loose; a few cracks formed in the courthouse. Los Angeles Record, 25 Dec 1899, p. 1.

NORWALK I=F

Felt. McAdie (1907), p. 20.

PASADENA I=5

Clocks stopped; some minor cracking of ceilings. Los Angeles Times, 26 Dec 1899, p. 1.

POMONA I=6

Woke people; plaster fell in many places; books and other items fell from shelves. Los Angeles Times, 26 Dec 1899, p. 1.

RAVENNA I=F

Felt. McAdie (1907), p. 20.

REDONDO I=5

Woke many; a few clocks stopped; no damage. Los Angeles Times, 27 Dec 1899, p. 1.

SAN DIMAS I=F

Felt. McAdie (1907), p. 20.

SANTA MONICA I=6

Felt perceptibly; no damage. Santa Monica Daily Record, 26 Dec 1899, p. 1.

Woke many; only slight damage or none at all; cracks were noticed in some brick buildings. Los Angeles Times, 27 Dec 1899, p. 1.

SIERRA MADRE I=4-5

"...considerable of a frightener." The Valley Vista (Sierra Madre), 30 Dec 1899, p. 5.

WHITTIER I=F

Felt. McAdie (1907), p. 20.

#### ORANGE COUNTY

ANAHEIM I=6

No damage; considerable excitement; clocks stopped; books and other objects were shaken from shelves. Anaheim Weekly Gazette, 28 Dec 1899, p. 3.

People ran outside; walls were slightly cracked. Los Angeles Times, 26 Dec 1899, p. 1.

BUENA PARK I=5

"...slight cracking of walls..."; stopped clocks; rattled dishes; woke everyone; much alarm. Anaheim Weekly Gazette, 28 Dec 1899, p. 2.

ORANGE I=S

Severe; no damage. Los Angeles Times, 26 Dec 1899, p. 1.

SANTA ANA I=6

People ran outside; no serious damage. Los Angeles Record, 25 Dec 1899, p. 1.

Clocks stopped; dishes were broken in cupboards; several brick walls cracked. Los Angeles Times, 26 Dec 1899, p. 1.

TUSTIN I=F

Felt. McAdie (1907), p. 20.

#### RIVERSIDE COUNTY

ALAMOS I=7?

A bell was thrown out of the school belfry; plaster was shaken down. Press and Horticulturist (Riverside), 20 Jan 1900, p. 11.

ARMADA I=7

Chimney turned half way around; clocks stopped or started; books and a clock fell from shelves; "water stopped". Press and Horticulturist (Riverside), 30 Dec 1899, p. 5.

BANNING I=7?

The Indian school suffered \$1000 worth of damage; drug and medicine stocks were badly "pied". Riverside Daily Press, 27 Dec 1899, p. 1.

BEAUMONT I=7

Chickens were stirred up; one chimney was damaged. Riverside Daily Press. 5 Jan 1900, p. 7.

CAHUILLA MOUNTAINS I=7

Plaster and adobe down; chimney broken; adobe walls cracked; the

water flow from springs increased. Press and Horticulturist  
(Riverside), 6 Jan 1900, p. 5.

CAHILLA MOUNTAINS SOUTH OF THE INDIAN RESERVATION I=6+

Boulders rolled down the mountain. Press and Horticulturist  
(Riverside), 13 Jan 1900, p. 9.

CORONA I=6?

"...the hardest ever felt here but no damage was done." Corona  
Courier, 30 Dec 1899, p. 1.

Slight wall cracks. Los Angeles Times, 26 Dec 1899, p. 1.

EL CASCO I=6

Dishes broken; plaster fell; cows stampeded. Redlands Daily  
Facts, 26 Dec 1899, p. 1.

ELSINORE I=F

Like Perris. Riverside Daily Press, 26 Dec 1899, p. 1.

HEMET I=8-9

All but two chimneys were knocked down; walls fell; the third  
story of the Hemet Mills collapsed; windows shattered; shelf  
goods were thrown down. Riverside Daily Press, 25 Dec 1899,  
p. 1.

Beds and bureaus were moved and stoves overturned; underground  
water pipes were snapped in a number of places. Los Angeles  
Times, 27 Dec 1899, p. 1.

INDIO I=F

Felt. McAdie (1907), p. 20.

MENIFEE I=7

Terra cotta pipes were shaken down; windows were "knocked out of  
position". Press and Horticulturist (Riverside), 30 Dec 1899,

p. 5.

MORENO I=5+

Brick buildings were damaged. Los Angeles Times, 26 Dec 1899, p. 1.

MURIETTA I=8

Two-thirds of the houses were damaged slightly; a hotel was moved eight inches; an adobe house was completely ruined. Press and Horticulturist (Riverside), 20 Jan 1900, p. 11.

MURRIETTA HOT SPRINGS I=6+

Flow from the springs increased. Press and Horticulturist (Riverside), 20 Jan 1900, p. 11.

OAK GROVE I=6+

Great fright among the miners; boulders rolled down the mountain side; springs were "stirred up". The Herald (Los Angeles), 29 Dec 1899, p. 6.

J.D. OSBORNE'S PLACE I=8?

Frame house was badly wrenched and twisted; a 150 foot long crack extended across the property and beneath the house. Riverside Daily Press, 6 Jan 1900, p. 5.

PAUBA RANCH I=8

A house foundation was demolished. Press and Horticulturist (Riverside), 20 Jan 1900, p. 11.

PALM SPRINGS I=F

Felt. McAdie (1907), p. 20.

PERRIS I=6

No damage except to nerves. Riverside Daily Press, 26 Dec 1899,

p. 1.

A little plaster fell; no serious damage. Los Angeles Record, 25 Dec 1899, p. 1.

Some plaster cracked; woke people. Los Angeles Times, 27 Dec 1899, p. 1.

RIVERSIDE I=7

Brick buildings were badly cracked; plaster fell; a chimney fell; a great deal of crockery and bric-a-brac was broken. Riverside Daily Press, Extra, 25 Dec 1899, p. 1.

"A considerable number" of chimneys were "twisted awry". Riverside Daily Press, 27 Dec 1899, p. 1.

SABOBA INDIAN RESERVATION I=8

An adobe house collapsed killing 6 Indian women. Los Angeles Times, 26 Dec 1899, p. 1.

The side walls of the adobe building fell inward crushing the women. Los Angeles Times, 28 Dec 1899, p. 8.

SAGE I=6+

The flow of water from springs increased. Riverside Daily Press, 6 Jan 1900, p. 5.

SAN JACINTO I=9

"Every business block is gone"; chimneys were knocked down; windows broken; some frame buildings were shaken from their foundation. Los Angeles Record, 25 Dec 1899, p. 1.

"Every brick building on the main street is practically demolished; roofs, fronts, backs, and sides fell in..."Bureaus and wash stands were overturned. Los Angeles Times, 26 Dec 1899, p. 1.

A brick building was shifted on its foundation; the walls remained standing but knocked out of plumb. Los Angeles Times, 29 Dec

SAN JACINTO MTN (11 MI. SE OF SAN JACINTO) I=6+

A large landslide. The San Diego Union, 21 Mar 1900, p. 7.

WHITEWATER I=F

"...San Jacinto looks just as he would expect a town to look after going through such a shock as he experienced (at Whitewater)..."  
The Herald (Los Angeles), 28 Dec 1899, p. 1.

WILDOMAR I=H

Heaviest in many years. Riverside Daily Press, 26 Dec 1899, p. 1.

WINCHESTER I=7

A wall was "sprung from the building by several inches"; chimneys fell. Riverside Daily Press, 26 Dec 1899, p. 1.

#### SAN BERNARDINO COUNTY

CRAFTON I=F

Felt. McAdie (1907), p. 20.

NEEDLES I=5

Woke people; rattled windows; shook buildings; some were startled; no damage. Los Angeles Times, 27 Dec 1899, p. 1.

NORTH ONTARIO I=F

Felt. McAdie (1907), p. 20.

ONTARIO I=6

Woke everyone; many rushed outside; no damage whatever. The Ontario Record, 27 Dec 1899, p. 4.

PATTON I=7

Gables cracked; chimneys down. Riverside Daily Press, Extra, 25 Dec 1899, p. 1.

REDLANDS I=7

Clocks stopped; chimneys fell; plaster was cracked and some fell; windows were cracked; some walls were cracked; china and crockery broke. Redlands Daily Facts, 26 Dec 1899, p. 1.

SAN BERNARDINO I=6

A plate glass window broke; a cap stone fell; cracks in walls were enlarged. Free Press (San Bernardino), 26 Dec 1899, p. 1.

People ran outside. Daily Sun (San Bernardino), 26 Dec 1899, p. 4.

STALDER I=H

Strong; no damage. Press and Horticulturist (Riverside), 30 Dec 1899, p. 5.

#### SAN DIEGO COUNTY

AGUA TIBIA RANCH I=7

The walls of a house were so badly cracked that the house needed to be rebuilt. Escondido Times, 4 Jan 1900, p. 8.

BONSALL I=5

Woke people. Escondido Times, 28 Dec 1899, p. 8.

CONDOR'S NEST I=7

A man was injured by a falling piece of adobe wall. Escondido Times, 4 Jan 1900, p. 8.

CORONADO BEACH I=5

Loose articles rattled and people were awakened. Los Angeles Times, 27 Dec 1899, p. 1.

CUYAMACA I=F

Felt. McAdie (1907), p. 20.

EL CAJON I=F

Felt. McAdie (1907), p. 20.

ESCONDIDO I=6+

A rock slide was triggered. The San Diego Union, 2 Jan 1900, p. 5.

FALLBROOK I=F

No damage. Escondido Times, 4 Jan 1900, p. 8.

JACUMBA I=6+

New hot springs were opened. The San Diego Union, 4 Jan 1900, p. 6.

LA MESA I=F

Felt. McAdie (1907), p. 20.

PALA I=6

Adobe walls were cracked; considerable damage was done to shelf goods. Escondido Times, 4 Jan 1900, p. 8.

RAMONA I=6

"All the damage so far as known is that J.H. Ferry's house was shook up a little, also a few pieces of plaster shook off our Town Hall." Escondido Times, 4 Jan 1900, p. 8.

SAN DIEGO I=6

Woke almost everyone; books fell; glass and silver rattled; ornaments fell. The Evening Tribune (San Diego), 25 Dec 1899, p. 1.

Some glass was cracked; some clocks stopped. The San Diego Union, 26 Dec 1899, p. 5.

"A few slight cracks in brick walls are reported..." Los Angeles Record, 25 Dec 1899, p. 1.

In taller buildings plaster fell and a few articles of household furniture were broken. Los Angeles Times, 27 Dec 1899, p. 1.

VALLEY CENTER I=6

Things were thrown from walls; several buildings and chimneys were cracked. Escondido Times, 28 Dec 1899, p. 8.

WARNER'S RANCH I=7-8?

School house was badly racked. Riverside Daily Press, 6 Jan 1900, p. 5.

SAN LUIS OBISPO COUNTY

SAN LUIS OBISPO I=N

Not felt. San Luis Obispo Tribune, 29 Dec 1899, p. 3.

SANTA BARBARA COUNTY

SANTA BARBARA I=5

Woke most people; dishes rattled; "...ornaments were knocked from their places but no damage whatever was done." The Daily Independent (Santa Barbara), 26 Dec 1899, p. 2.

VENTURA COUNTY

ELISIO I=F

Perceptibly shaken up. Ventura Free Press, 29 Dec 1899, p. 7.

FILLMORE I=S

Severe. Ventura Free Press, 29 Dec 1899, p. 6.

HUENEME I=S

Severe. Ventura Independent, 4 Jan 1900, p. 3.

Badly shaken. Ventura Free Press, 29 Dec 1899, p. 2.

MOUND I=4-5

Severe; startled inhabitants. Ventura Free Press, 29 Dec 1899, p. 6.

OJAI I=4-5

Woke some; many did not feel it. The Ojai, 30 Dec 1899, p. 3.

Things "jingled"; no damage. Ventura Free Press, 29 Dec 1899, p. 6.

#### VENTURA COUNTY

OXNARD I=5

A few clocks stopped; woke most; no damage. Ventura Free Press, 29 Dec 1899, p. 2.

PIRU I=5

Woke people. Ventura Free Press, 29 Dec 1899, p. 7.

SATICOY I=5

Severest in years. Ventura Free Press, 29 Dec 1899, p. 7.

SOMIS I=4-5

Violently rocked the buildings. Ventura Free Press, 29 Dec 1899, p. 7.

VENTURA I=5

Woke people; stopped clocks. Ventura Independent, 28 Dec 1899, p. 3.

Rattled dishes; frightened women and children. Ventura Free Press, 29 Dec 1899, p. 5.

WEST SATICOY I=5

Woke people; windows rattled. Ventura Free Press, 29 Dec 1899,  
p. 7.

COUNTY UNKNOWN

FOLLOWS CAMP I=F

Felt. McAdie (1907), p. 20.

STATE OF ARIZONA

SELIGMAN I=F

Felt. Townley (1918), p. 61.

BAJA CALIFORNIA DEL NORTE

COCOPAH CONTRY I=6+

Geysers spouted "with redoubled force". Riverside Daily Press,  
1 Jan 1900, p. 1.