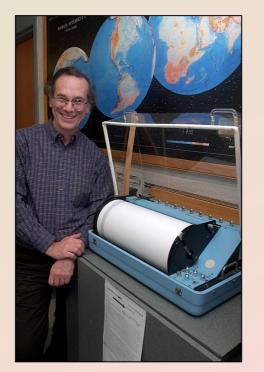
North American Earthquakes on Stamps, Postcards, and Letters

Rob Sternberg Professor emeritus. Earth and **Environmental Science** Franklin & Marshall College

rs sternberg@yahoo.com

member: APS, ATA, AFDCS, USCS, PSLC

Presentation for: Rochester Philatelic Association 24 April 2025







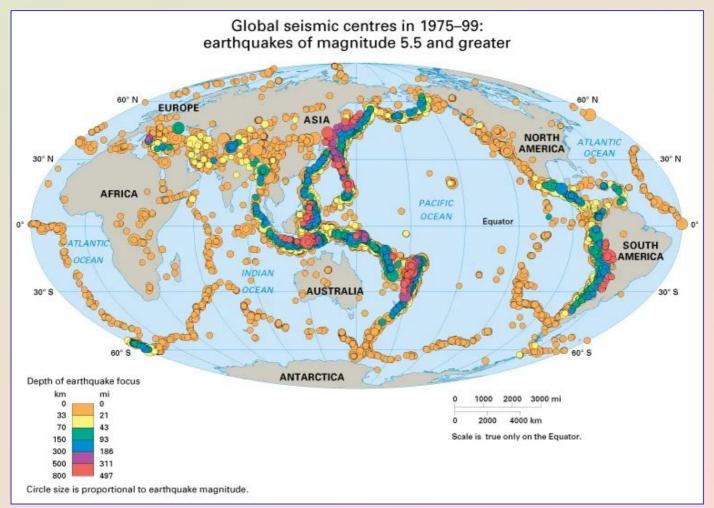
link to this presentation:

https://docs.google.com/presentation/d/1gH7sTcDUCnBxJrePSK4stHU6rfMWcdxrGARN vkoh9dc/edit?usp=sharing

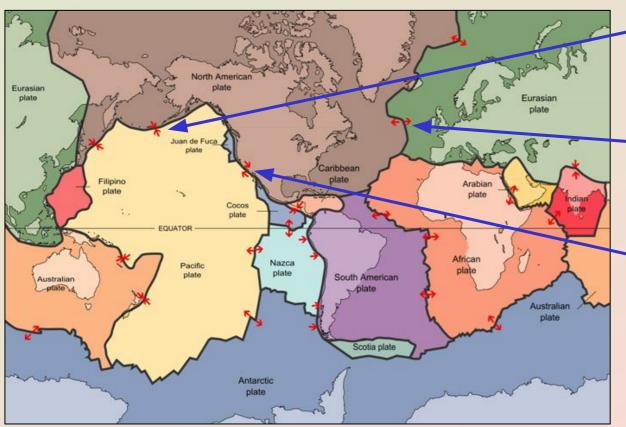
Outline of this presentation

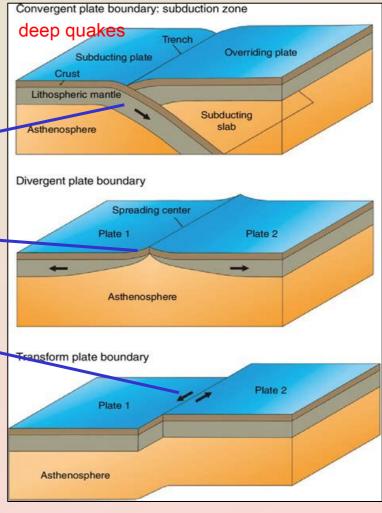
- Earthquake geography
- Earthquakes in my collection
- Earthquake stamps
- San Francisco earthquake, 1906
- Long Beach earthquake, 1933
- Loma Prieta earthquake, 1989

Earthquake geography (1) - seismicity patterns



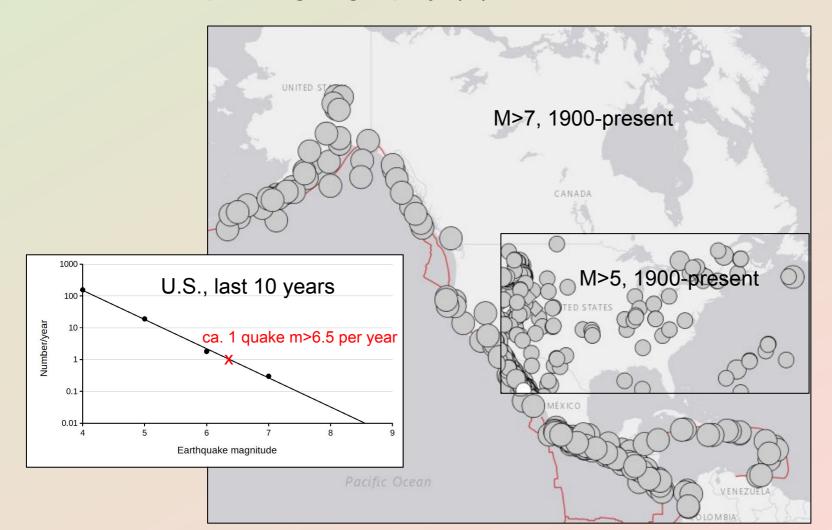
Earthquake geography (2) - plate tectonics





Most earthquakes occur near the boundaries of tectonic plates

Earthquake geography (3) - North American earthquakes



Earthquakes in my collection (1)

Spreadsheet list

https://docs.google.com/spreadsheets/d/1TVzudKaRLIAihXQ 28Ujs1 YhFEdWjDbuveGUsEq5v E/edit?usp=sharing

Flickr images

covers and postcards - https://flic.kr/s/aHsmUGrr3p stamps - https://flic.kr/s/aHBqjAneq4



	A	В	
1	Earthquake	AK	
2	Number	001	
3	Item	cover	
4	Stamp 1	<u>1145</u>	
5	Type/Stamp 2	1209	
6	Cachet/postcard maker	U.S. Navy?	
7	Cachet theme/postcard caption; bold significants	U.S. Navy	
8	Slogan/cancel	"ABCD" mail for better business service	
9	Date of postmark/received	1964-03-27	
10	Day mailed		
11	Day recd		
12	Place of postmark/incoming	USS Interpreter/San Francisco	
13	Addressee/from	Walter E. Atkinson, Jr., P.O. Box 68, Palo Alto, Calif.	
14	Cost		
15	Scan front (address side)	https://flic.kr/p/2nBMnH2	
16	Scan back	https://flic.kr/p/2nBJYyZ	
17	Link		
18	Comment	postmarked date of earthquake	
19	text written	postmarked date of earthquake	

Earthquakes in my collection (2)

U.S. earthquakes with >10 Fatalities

<u>Date</u>	<u>Location</u>	<u>Mag.</u>	<u>Fatalities</u>	
April 18, 1906	San Francisco	7.9	3,000+	
April 1, 1946	Aleutians	8.6	165	In my collection
March 27, 1964	Alaska	9.2	143	<u></u>
March 10, 1933	Long Beach, CA	6.4	120	40 identified North American quakes
Dec. 16, 1811	New Madrid, MO	7.5	100	To radinanca riorani ambinoani quantos
April 2, 1868	Hawaii	7.9	77	>500 items
Oct. 17, 1989	Loma Prieta, CA	6.9	63	occ nome
Aug. 31, 1886	Charleston, SC	7.0	60	<u>items</u> <u>event</u>
Feb. 9, 1971	San Fernando, CA	6.5	58	170 San Francisco, 1906
Jan. 17, 1994	Northridge, CA	6.7	57	60 Long Beach, 1933
Oct. 21, 1868	Hayward, CA	6.5	30	and Old Ironsides
Aug. 18, 1959	Hebgen Lake, MT	7.2	28+	45 Santa Barbara, 1925
March 26, 1872	Owens Valley, CA	7.5	27	60 Hebgen Lake, 1959
July 21, 1952	Kern County, CA	7.3	14	35 Alaska, 1964
June 29, 1925	Santa Barbara, CA	6.5	13	, llabita, 1001

Red - events not represented in my collection Blue - shown in this presentation

Earthquake stamps (1) - U.S. stamps (not)

No postage stamps

Citizens Stamp Advisory Committee 2019 criteria for stamps https://about.usps.com/who/csac/#criteria

"The stamp program commemorates positive contributions to American life, history, culture and environment; therefore, negative occurrences and disasters will not be commemorated on U.S. postage stamps or stationery."

A few cinderellas (labels, not for postage)



"Help San Francisco; **send money**; David R. Forgan, First National Bank, Chicago, treasurer, Chicago Commercial Association" and author of The Golfer's Creed

SF001 in my collection



The show theme for WESTPEX 2006 was commemorating the 100th anniversary of the 1906 San Francisco earthquake.

SF011 in my collection

Earthquake stamps (3) - Central America, Caribbean



Barbados B1b (1907), semi-postal (1d), inverted overprint Kingston (1907) relief fund



Jamaica 772 (1992) 300th anniv. of Port Royal (1692)



Nicaragua C447 (1960), airmail, overprinted Red Cross aid for victims in Chile (1960)



Marshall Islands 627k (1997) 20th Century, 1900-1909 Mankind at the Mercy of Nature San Francisco (1906)

Earthquake stamps can

- use surcharges to aid relief work
- honor rescue workers and rebuilding
- commemorate a historical event



Nicaragua 2247 (1998), souv. sheet 25th anniv. Managua (1972)

Earthquake stamps (3) - postcards and letters

Some of my U.S. collection consists of covers and letters

But a large number are postcards (deltiology)

Also books and ephemera like contemporary newspapers

Preferred criteria:

- mailed, stamp not removed
- postmarked soon after earthquake
- postmarked from near the epicenter
- includes a message about the event
- legible with clear markings
- good condition
- not too expensive

San Francisco earthquake, 1906 (1)

Mail Sent Soon After the 1906 San Francisco Earthquake

Rob Sternberg (rs. sternberg@vahoo.com)

My topical "stamp collection" (mostly postcards) on U.S. earthquakes consists of about 275 items from 25 earthquakes, with the largest number (115) related to the magnitude 7.8 San Francisco earthquake of April 18, 1906. (The figure to the right shows the 1906 slippage along the San Andreas Fault, as much as 25°.)

I prefer items that were posted, postmarked near the earthquake epicenter not long after the earthquake occurred, and bearing a message related to the earthquake.

Shown are four items sent within a month of the San Francisco disaster. Scans of all images in the collection can be seen here. The database for the collection is here.



U.S. Geological Survey Fact Sheet 094-96

O read to the first of the f





e quake occurred at 5:12 PST. This postal card (Scatt UX18) was postmarked in New York less than four hours late





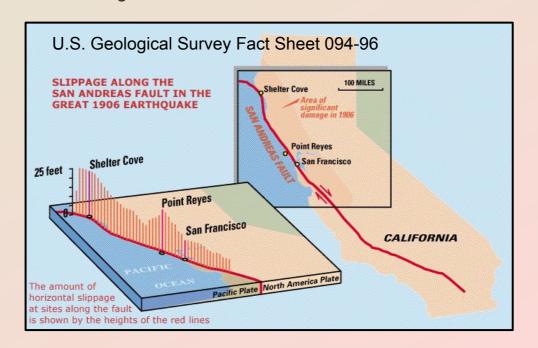
Postmarked one day after the quake, in Los Angeles, with an unrelated image on the back. Text: "San Francisco, thrown down and burned. Food supplies destroyed." Text also cites a "heavy" earthquake felt in Los Angeles on April 19, 1908, which can be identified as a magnitude 6.3 event with an epicenter in the Impenial Valler.





Another postal card, postmarked one week after the quake, from San Francisco, the earliest post-quake postmark in my collection from that city. Text."... have not found the folks yet but all people got out of both places safely, so they must be around, Have advertised in the papers but don't be uneasy for they are ok.". San Francisco earthquake, April 18, 1906, 5:12 am magnitude = 7.8 3000+ fatalities 80% of the city destroyed

Its importance comes more from the wealth of scientific knowledge derived from it than from its sheer size.



San Francisco earthquake, 1906 (2)



SAN FRANCISCO EARTHOUAKE

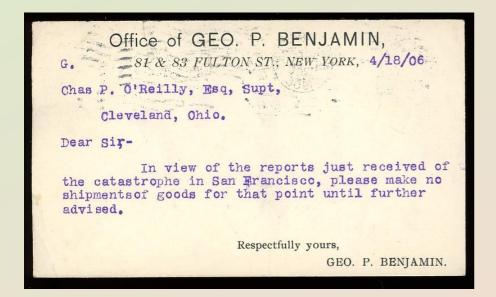
This piece is from a cover in the last mail clearing San Francisco for the East on the night of the great earthquake which, with the subsequent fire, almost destroyed the city. The quake began at 5.13 a.m. April 18.1906. The fragment of the cover was saved by Mr. J.R. Sykes of Philadelphia through whom it came to this collection.

San Francisco - 4/17/1906, 7:30 pm stamp - Scott 303 (1903), Grant SF002 in my collection SF quake, 4/18/1906, 5:12 am local time Postmarked 10 hours before the quake.

Addressee(name written byprevious collector): Clifton Pool Mayfield, born Sept. 5, 1887, Washington, D.C.



San Francisco earthquake, 1906 (3)





Postal card (imprinted stamp) NY to Cleveland, 4/18/1906 stamp - Scott UX18 (1902), McKinley SF050 in my collection

It's typed! postal rate for postcard is 1¢

SF quake, 4/18/1906, 5:12 am local time Postmarked same day, just 12 hours after the quake.

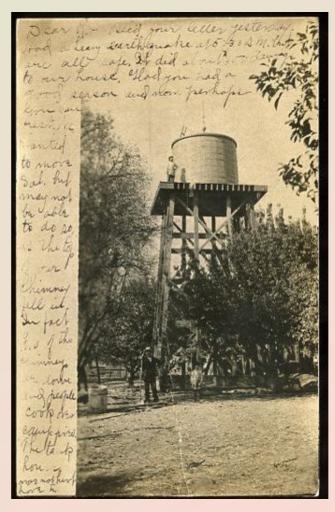
Contacted the reference staffs of The New York Public Library and the Cleveland Public Library. Addressee "O'Reilly might have been the superintendent of a city prison/workhouse."

San Francisco earthquake, 1906 (4)



real photo postcard (RPPC), undivided San Jose - Los Angeles, 4/18/1906, 6 pm stamp - Scott 300 (1903), Franklin SF125 in my collection

Text on front (picture) side



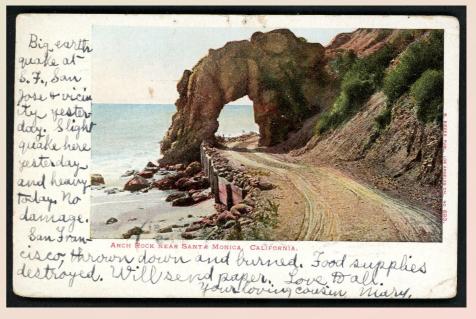
Earliest SF area cancel, 13 hours after quake. About 80 miles from epicenter.

"Dear R, Recd your letter vesterday. Had a heavy earthquake at 5:30 am. but are all safe. It did about \$400 damage to our house. Had you had a good season and now perhaps you can rest. We wanted to move Sal [?] but may not be able to do so as the top of our chimney fell in. In fact [?] of the chimneys are down and people cook over camp fires. The tank house was not hurt. Love K"

San Francisco earthquake, 1906 (5)



Postcard (undivided), color Los Angeles - Waterville, ME, 4/19/1906 stamp - Scott 300 (1903), Franklin SF003 in my collection



'Arch Rock near Santa Monica, CA' Postmarked one day after the quake, in Los Angeles, with an unrelated image on the back.

"Big earthquake at S.F., San Jose & vicinity yesterday. Slight quake here yesterday and heavy today [can be identified as a magnitude 6.3 event with an epicenter in the Imperial Valley]. No damage.

"San Francisco, thrown down and burned. Food supplies destroyed. Will send paper. Love to all. Your loving cousin, Mary."

San Francisco earthquake, 1906 (6)



Postcard (undivided), color Eugene, OR - Berkeley, 5/2/1906 stamp - Scott 300 (1903), Franklin SF019 in my collection



'Harvesting Oregon wheat' Earliest card to Bay Area, two weeks after quake.

"Dear Gussie, Are you safe? Did you lose your home or any of your relatives? Let me know soon. Lovingly, Grace Davis"

San Francisco earthquake, 1906 (7)



Postcard (undivided), color San Francisco - Toledo, 5/19/1906 stamp - Scott 300 (1903), Franklin SF135 in my collection



'Ruins at Stanford University, after the earthquake. April 18, 1906.'

Two Toledo cancellation on 5/22 and 5/23

"Like everyone in San Francisco, I must begin at the bottom again, to build up. We had another shake up last night. It is terrorizing, but I expect to stay for a while, at least, there seems to be nothing else I can do at present. You ought to see S.F. now. Nothing but ruins. I believe it would make you [?]. Does this look like the university you saw in January! Will write you more soon. Lovingly, Carrie 626 Clayton St., May 18 06."

San Francisco earthquake, 1906 (8)



August 14, 1906

The Committee on Public Exercises has under consideration the holding of deferred Commencement exercises on September 8 or 15. The Committee wishes to know about how many graduates, of May and September, would be likely to attend such exercises in person.

Will you please reply at your earliest convenience?

If the Senior Week Committee of the Class should plan for a Promenade Concert the evening before, and have other customary Class functions during the day of the Commencement exercises, would you be likely to be present?

C. A. Duniway, Chairman.

Postal card with reply (reply missing) Stanford - Seattle, 8/16/1906 stamp - Scott UY4 (1904), Sherman SF179 in my collection 'Leland Stanford Junior University August 14, 1906

The Committee on Public Exercises has under consideration the holding of deferred Commencement exercises on September 8 or 15. The Committee wishes to know about how many graduates, of May and September, would be likely to attend such exercises in person.

Will you please reply at your earliest convenience?

If the Senior Week Committee of the Class should plan for a Promenade Concert the evening before, and have other customary Class function during the day of the Commencement exercises, would you be likely to be present?

C. A. DUNIWAY, Chairman.'

Long Beach earthquake, 1933 (1)

Old Ironsides Encounters the Long Beach Earthquake

Rob Sternberg (rs_sternberg@yahoo.com; https://internationalgeophysicalyear.blogspot.com/)

The Long Beach, CA, earthquake of March 10, 1933 (5:54 pm PST), had a Richter magnitude of 6.4, killed 120 people, and caused about \$1 billion damage in current dollars. The USS Constitution, "Old Ironsides," had arrived at the port of Long Beach that day. Philatelic covers prepared onboard were caught up in the chaos of the earthquake.

Old Ironsides, the world's oldest ship still afloat, was first launched in 1797 to fight the Barbary pirates, but is most noted for actions during the War of 1812 She was retired from active service in 1881 and designated a museum ship in 1907, From July 1931 to May 1934, she visited 90 ports on both coasts... Right: Sesquicentennial cover with Scott #951 (1947), scale = 60%. Insets: left - embossed envelope, Scott U549 (1965); right - War of 1812 bicentennial, Scott 4703 (2012); scale =100%.





Old Ironsides postmarked covers from the ports it

Left: Ship cancellation/postmark, port of Long Beach, Mar 10 p.m. 1933; cachet image - Old Ironsides: cachet text - Long Beach welcomes U.S. Frigate Constitution March 10-20 1933. Stamp -George Washington, Scott 708 (1932). Scale = 60% Inset: transit marking on back of cover, applied by the separating post office in Long Beach. Scale



Postcard package of photos showing earthquake damage sent from Long Beach on March 27.

Stamp - George Washington. Scott 721 (1932). Inset: One of the postcards; "U.S. Post office carries on in the street." Scale = 55%.



Clipping from Weekly Philatelic Gossip, 4/29/33: 2,500 postmarked covers were delivered from Old Ironsides to the Long Beach post office on March 10. The sorting room of the Long Beach post office collapsed during the quake; Two clerks who handled the backstamping died.

Long Beach earthquake, March 10, 1933, 5:54 pm magnitude =6.4 120 fatalities Led to the passage of California's Field Act, mandating earthquake-resistant construction for public school buildings.

USS Constitution (aka Old Ironsides) - from 1931-1934, it toured 76 cities along the Atlantic, Gulf, and Pacific coasts of the United States during the National Cruise

It docked in Long Beach on the morning of March 10, 1933, and encountered the earthquake.



cover cachet - 'Boston welcomes The U.S. Frigate Constitution'

4/8/1934, onboard Scott 720 (1932) 01004

Long Beach earthquake, 1933 (2)



cover

Long Beach - Long Beach, 3/10/1933, in the p.m.

front: ship cancellation/postmark

backstamp: Long Beach transit marking, 3/10/33, 4pm

signed by H.G. Trout

cachet image - Old Ironsides

cachet text - Long Beach welcomes U.S. frigate

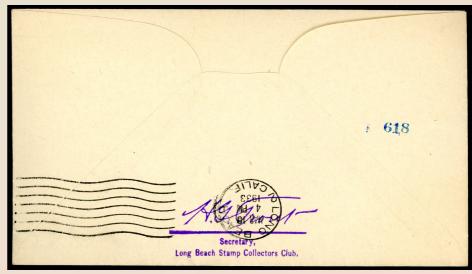
Constitution March 10-20 1933

stamp - Scott 726 (block), James Oglethorpe

postage due - Scott J5? (1910s)

markings - Fee Claimed; Special Delivery

LB026 in my collection



Long Beach, CA, m=6.4 earthquake was March 10, 1933 (5:54 pm PST).

The USS Constitution, "Old Ironsides," arrived at the port of Long Beach earlier that day as part of a three-year tour of 90 ports on both coasts.

Old Ironsides processed covers from the ports it visited.

Long Beach earthquake, 1933 (3)

April 29, 1933

EARTHQUAKE DOESN'T PRE-VENT CACHET

Even though an earthquake caused considerable trouble, 6,666 covers were mailed from Long Beach, Cal., with the cachet for the visit of "Old Ironsides."

The cachet, incidentally, was designed by Major Clarke, who drew the Olympic water sports cachet and it was applied in four colors: blue, green, purple, and red.

H. G. Trout and Byrd L. Powell did the work of applying the cachet and all covers were mailed on "Old Ironsides" to receive the regular "Constitution" cancel from Harry Moore, mail clerk, and covers were then taken to the Long Beach post office to be backstamped.

Mr. Trout writes that he mailed 2,500 covers March 10 and stayed in the post office awhile to watch the backstamping. Soon after five o'clock he went home, picked up the cachet and started to work. The earthquake struck at 5:55 o'clock and Mr. Trout says that his swivel chair bounced around so much that the casters fell out, so he decided to go away from there.

Mr. Trout remarks that covers postmarked with the hour of the first shock (5:55 p. m., March 10) are in great demand by collectors.

March 11 it was learned that two of the clerks who handled the back-

stamping of "Constitution" covers— Howard Kennedy and Cecil Adrain were killed when the sorting room of the Long Beach post office collapsed in the 'quake.

Because of the condition of the Long Beach office it was impossible to backstamp the March 11 and 13 covers there, so all were sent to Los Angeles. The earthquake area was under martial law and this interferred with the mailing of covers for awhile, but after Mr. Trout was given a pass for carrying mail the work was greatly expedited.

Mr. Trout says that as far as he has been able to learn no covers were damaged by the earthquake with the exception of one batch from San Pedro. These covers arrived too late for the cachet there so W. G. Crosby sent them to Long Beach. The extent of the damage to these covers was not described.

Three covers have been returned to Mr. Trout without any address and he doesn't know who sent them. Also two more were returned stamped "unknown." There were the usual late covers, but they were all forwarded to San Francisco.

LB001 insert

Weekly Philatelic Gossip April 29, 1933 EARTHQUAKE DOESN'T PRE-VENT CACHET

Even though an earthquake caused considerable trouble, 6,666 covers were mailed from Long Beach, Cal., with the cachet for the visit of "Old Ironsides."

The cachet, incidentally, was designed by Major Clarke, who drew the Olympic water sports cachet and it was applied in four colors; blue, green, purple, and red.

H. G. Trout and Byrd L. Powell did the work of applying the cachet and all covers were mailed on "Old Ironsides" to receive the regular "Constitution" cancel from Harry Moore, mail clerk, and covers were then taken to the Long Beach post office to be backstamped.

Mr. Trout writes that he mailed 2,600 covers March 10 and stayed in the post office awhile to watch the backstamping. Soon after five o'clock he went home, picked up the cachet and started to work. The earthquake struck at 5:55 o'clock and Mr. Trout says that his swivel chair bounced around so much that the casters fell out, so he decided to go away from there.

Mr. Trout remarks that covers postmarked with the hour of the first shock (5:55 p. m., March 10) are in great demand by collectors.

March 11 it was learned that two of the clerks who handled the backstamping of "Constitution" covers—Howard Kennedy and Cecil Adrain—were killed when the sorting room of the Long Beach post office collapsed in the quake.

Because of the condition of the Long Beach office it was impossible to backstamp the March 11 and 13 covers there, so all were sent to Los Angeles. The earthquake area was under martial law and this interferred [sic] with the mailing of covers for awhile, but after Mr. Trout was given a pass for carrying mail the work was greatly expedited.

Mr. Trout says that as far as he has been able to learn no covers were damaged by the earthquake with the exception of one batch from San Pedro. These covers arrived too late for the cachet there so W. G. Crosby sent them to Long Beach. The extent of the damage to these covers was not described.

Three covers have been returned to Mr. Trout without any address and he doesn't know who sent them. Also two more were returned stamped "unknown." There were the usual late covers, but they were all forwarded to San Francisco.

Long Beach earthquake, 1933 (4)



Letter with envelope/cover Long Beach - Canton, OH, 3/16/1933 Scott 720 (1932), Washington LB008 in my collection

postal rate for letter is 3¢

Long Beach Calif. Dear Carl Ethel. Well Carl I guess are all thought our time had come, believe me there is no man or noman. beare enough to go threw that with out being frightened, oh that was one of the most terrible experances I ever went threw, but God looked after all of us. altho it was worre at our end of form than it was where Bus lived , oh the terrible suffering around us just think what cam happen in less than one minuet. I think the mout and first one was 5000 50 seconds. I can mot begin to describe it. I am out in our yard in the machine wrighting and I can still feel the car rock. people are in vacent lots and gards and on the side walk with all they had left. some on beds some on just blankets, and no gas to cook with. when it happened. there was no worning I had just stepped away from the store and

written March 14, four days after quake

Long Beach earthquake, 1933 (5)

walked into the buth roon, and when I started out I was in the ling roon across the hall. (art I hope no one erez esperances what I did by the time I got to the door Iron was thrown down before he could get to Ime. when we got up. we both alung to each other and tried to run out but we were down a copel of times. and the house was bulging in and out and that terrible cracking and groaning of every thing, rute where I left the store every thing piled up on the flows. all the caned goods glass more and very bottom. I had a buy pan of much on the Store but every thing left the store and was in a full on the floor. but we are thankful me are all saved. we stayed in our house last night but I only ran out one time but I think every one ran out the night

before about three or four times. The it was so terrible, I have a small Electro hot plate to cook on I can not get my nerve steady enough to go in the bed rooms yet ne sleep or lay down in the living room near the door, which we never shut very tight or lock it, as I think we had two or three bad ones last night I am now writing this on the 15th the first night it happened as soon as Irvin could be got the ican out of the Garage and we next to look Bers up, and found that there appartment house stood it very good. better than out where we are. I don't thunk that one family in dong Beach went back in the house that night, after we found Bess was all right we drove 20 miles to another town where Irrens people lives and it is more open space there. So me sat in the cars along the curring two nights, there was sip little children all under of years old in the the familys, they made beds in the cars for them. but the rest loy

on the ground when they got up they were all not from the heavy fog. most every one is cooking and lating out side the city furnished coke and they make buck stones oh it is a petyfull sight to see no was lucky the most damage was inside our house I have no dishes left. nothing left in the living room, and only one lig black and blue mark on my wheat but best of all we have our lives. I ment down town yesterday and every one that are in there houses are setting at the door wide open. with there tabels as close as they cam, we are all oforaid to stay in any length of time. Well Carl I have not any thing elce to write about and I cam not say I am well for I am sich as a dog. so excure writing and please answer as a letter helps a lot, with this mined sety all around us. so answer soon tell me hay you are getting along are you getting done to all Morn. any work

p. 2 p. 3 p. 4

Long Beach earthquake, 1933 (6)

Long Beach Calif. Mar 14 - 33.

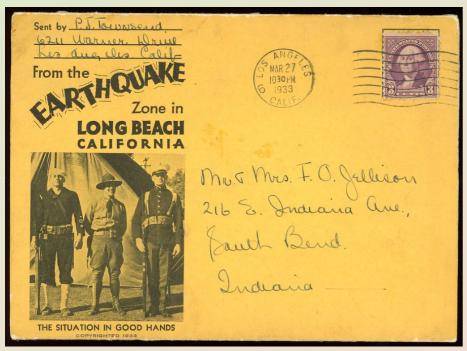
Dear Carl Ethel.

Well Carl I guess we all thought our time had come. believe me there is no man or woman brave enough to go threw [sic] that with out being frightened. oh that was one of the most terrible experiences I ever went threw. but God looked after all of us altho it was worse at our end of town than it was where Bess lived. oh the terrible suffering around us just think what can happen in less than one minuet [sic]. I think the worst and first one was 50 or 55 seconds. I can not begin to describe it. I am out in our yard in the machine (?) and I can still feel the car rock, people are in vacant lots and yards and on the side walk with all they had left, some on beds, some on just blankets, and no gas to cook with, when it happened there was no warning. I had just stepped away from the stove and walked into the bath room, and when I started out I was in the living room across the hall. Carl I hope no one ever experiences what I did. by the time I got to the door, Irvin was thrown down before he could get to me. when he got up we both clung to each other and tried to run out but we were down a cople [sic] of times. and the house was bulging in and out and that terrible cracking and groaning of every thing. rite [sic] where I left the stove every thing piled up on the floor, all the caned [sic] goods glass are and every thing in the cupboard from top to bottom. I had a big pan of mush on the Stove but every thing left the stove and was in a pile on the floor. but we are thankful we are all saved. we stayed in our house last night but I only ran out one time. but I think every one ran out the night before about three or four times. oh it was so terrible. I have a small Electric hot plate to cook on[.] I can not get my nerves steady enough to go in the bed rooms yet we sleep or lay down in the living room near the door which we never shut very tight or lock it, as i think we had two or three bad ones last night[.] I am now writing this on the 15th, the first night it happened as soon as Irwin could be got the car out of the Garage and we went to look Bess up and found that there [sic] appartment [sic] house stood it very good, better than out where we are. I don't think that one family in Long Beach went back in the house that might. after we found Bess was all right we drove 20 miles to another town where Irvins people lives and it is more open space there, so we sat in the cars along the curbing two nights, there was six little children all under 7 years old in the two familys [sic], they made beds in the cars for them, but the rest lay on the ground, when they got up there were all wet from the heavy fog, most every one is cooking and eating out side[.] the city furnished coke and they make brick stoves. oh it is a pityfull [sic] sight to see. we was lucky the most damage was inside our house. I have no dishes left, nothing left in the living room, and only one big black and blue mark on my chest but best of all we have our lives. I went down town yesterday and every one that are in there [sic] houses are setting at the doors wide open with there [sic] tabels [sic] as close as they can. we are all afraid to stay in any length of time. Well Carl I have not any thing else to write about and I can not say I am well for I am sick as a dog, so excuse writing and please answer as a letter helps a lot with this ruined city all around us.

so answer soon tell me how you are getting along. are you getting any work.

I B008

Long Beach earthquake, 1933 (7)



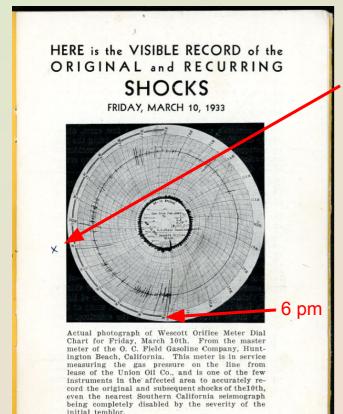
Postcard folder - 17 p. Los Angeles - South Bend, IN, 3/27/1933 stamp - Scott 720 (1932), Washington LB011 in my collection

This Space is for Your Message Date 3 - 21 - 33 -Down yesterday I saw the ruins The streets are all cleared by naw - These pectures are all & have, Beach - but there was here complete demalish. ment in Complon the. only not such a lorge town __ The'x" outle next page is the qualter that Knocked the dresser into me -

"3-27-33 Dawn vesterday I saw the ruins. The streets are all cleared by now. These pictures are all of Long Beach - but there was more complete demolishment in Compton etc. only not such a large town. The "x" on the next page is the quake that knocked the dresser into me! i.t."

17 folders in my collection, 7 from Long Beach

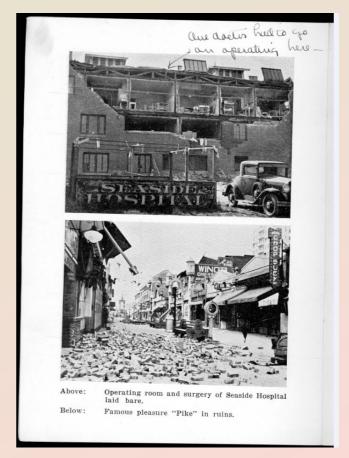
Long Beach earthquake, 1933 (8)



x marks the spot!

Seismogram from a gas pressure meter.

Actual seismographs were still sparse. The Richter magnitude scale not developed until 1935.



'Operating room and surgery at Seaside Hospital laid bare.'

"Our doctor had to go on operating here."

'Famous pleasure "Pike" [historic amusement zone] in ruins.'

Long Beach earthquake, 1933 (9)



Above:

Polytechnic High School destroyed showing dome collapsed through entrance.

Below:

Ruins of the completely demolished Jefferson Junior High School.

Two of the seventy schools destroyed and 120 damaged.

'Polytechnic High School destroyed showing dome collapsed through entrance.'

'Ruins of the completely demolished Jefferson Junior High School.'

Led to passage of California Field Act mandating quake-resistant schools in California.

LB011 in my collection



Above:

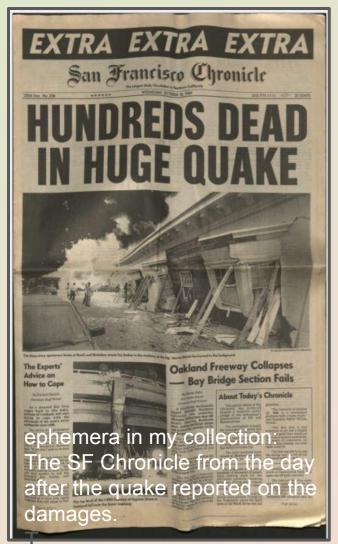
Thirty ton tank containing water crashes through the upper two stories of Press-Telegram building.

Below: U.S. Post office carries on in the street.

> 'U.S. Post Office carries on in the street.'

Post office destroyed. Two clerks killed.

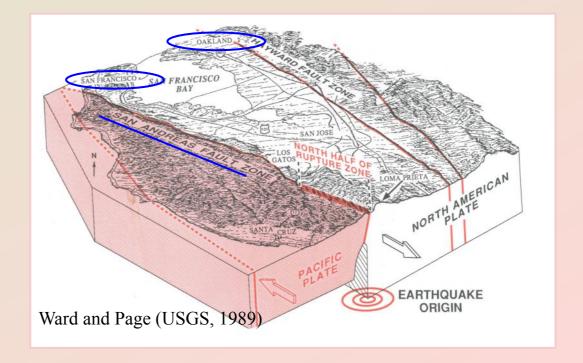
Loma Prieta earthquake, 1989 (1)



PSLC 1-page exhibits, 2024

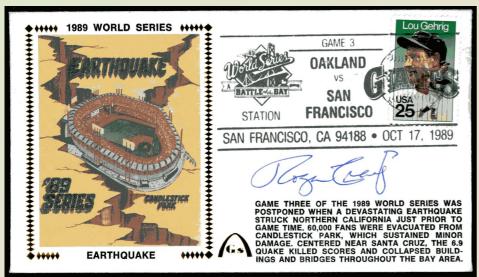
Loma Prieta <u>earthquake</u>, Oct. 17, 1989, 5:04 pm m = 6.9

The World Series earthquake!



Loma Prieta earthquake, 1989 (2)

cover



cachet - World Series quake stamp - Scott 2417 (1989), Lou Gehrig signed - Roger Craig Giants manager former NY Mets pitcher 'Game three of the 1989 World Series was postponed when a devastating earthquake struck Northern California just prior to game time...' LP003 in my collection



GAME 3



ephemera - Topps #744 baseball card (1989), signed - Roger Craig LP008 in my collection

ephemera - Score #702 baseball card (1990). 'Bashers blast Giants. After an 11-day delay, Game 3 of the 1989 World Series resumed on October 28. The Athletic' Bay Bombers, hitting as if they had played just yesterday, responded with an awesome display of earth-shaking slugging to knock out the Giants 13-7...' LP010 in my collection

Loma Prieta earthquake, 1989 (3)

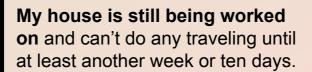
Dear Jin In asiswe to Your deller about This Kangeri. I have no as I haven't seen or heard from anybody about her. I wild continue to put my "feelers" out. Thousa Thear Duill let aust do any traveling centel at least another weed or ten days. letter to me asking if I could be intented to properly my answer is no

"Jan. 5, 1990. Dear Jim,

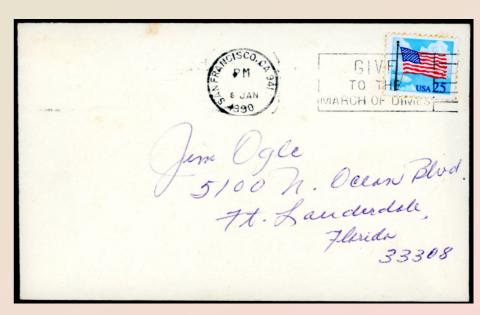
In answer to your letter about Mrs. [Tony]

Lazzeri, I have no idea where she is living as I haven't seen or heard from anybody about her. I will continue to put my "feelers" out. Should I hear I will let you know.

J."

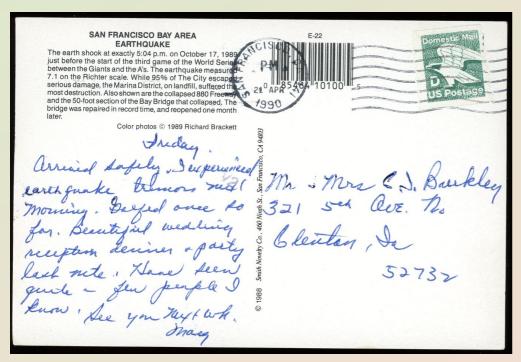


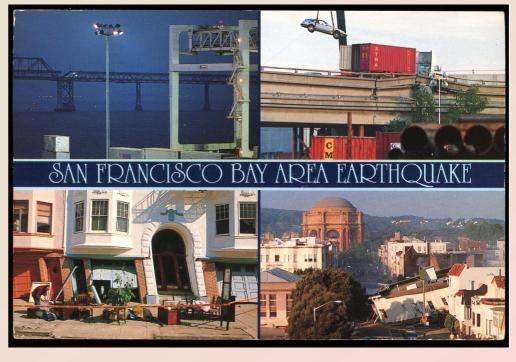
In regards to your letter to me asking if I could be interested to proposal, my answer is 'No.' "



letter with envelope/cover
San Francisco - Fort Lauderdale
Jim Ogle was Yankees alumni director
1/6/90, 2½ months after quake
stamp - Scott 2278 (1988), flag
slogan - Give to the March of Dimes
LP012 in my collection

Loma Prieta earthquake, 1989 (4)





postcard, color chrome Long Beach - Clinton, IA, 4/21/90 stamp - Scott 2111 (1985), D-rate eagle LP003 in my collection

"...While 95% of The City escaped serious damage, the Marina District, on landfill, suffered the most destruction. Also shown are the collapsed 880 Freeway and the 50-foot section of the Bay Bridge that collapsed. The bridge was repaired in record time, and reopened one month later."

"Friday. Arrived safely. I experienced earthquake tremors next morning [aftershocks of main quake]. Dazed over so far. Beautiful wedding reception dinner and party last nite. Have seen quite a few people I know. See you next wk, Mary"