SEISMOLOGICAL LABORATORY Seismological Centre California Institute of Technology Pasadena, California BULLETIN ON LOCAL SHOCKS January - March, 1960

This bulletin catalogues earthquakes in the general Southern California area for which seismograph data are sufficient for good epicenter determinations. In general this includes shocks of magnitude 3.0 within the boundaries indicated on the index map circulated with earlier issues. (A limited number of copies of this index map are still in stock, available on request until exhausted). Shocks in adjacent parts of Mexico, Nevada, and central California are included when of magnitude 4.5 or over.

Shocks of magnitude less than 3.0 in the Southern California area, or less than 4.5 in the adjacent areas, are included when reported as felt, when unusually well located, or when there is some other reason for special interest.

Artificial earthquakes due to explosions, etc., are not listed.

Dates and times are in terms of Greenwich Civil Time (G.C.T.). For Pacific Standard Time subtract 8 hours, for Pacific Daylight-Saving Time subtract 7 hours; this will sometimes change the date. Time reported is that of origination of the shock, generally to the nearest second; when determination is less precise, time is given to the nearest tenth of a minute.

Latitudes North and longitudes West are in degrees and minutes, or degrees and tenths. Quality of location is indicated in the column headed Q, as follows: A, specially investigated; B, probably within 5 kilometers (3 miles); C, probably within 15 kilometers (or 10 miles); D, very rough.

Magnitudes are given in the column headed M. Index letters and figures, such as K7, refer to the index map.

USCGS, or CGS: United States Coast and Geodetic Survey. Reports of felt earthquakes as collected by the San Francisco office, Seismological Field Survey; epicenters and origin times as determined at the office of the Director, Washington, D. C.

Roman numerals 1, 11, 111.... are intensities on the Modified Mercalli scale of 1931.

Charles F. Richter Violet M. Taylor January 12, 1961



SEISMOLOGICAL LABORATORY

California Institute of Technology Pasadena, California

BULLETIN ON LOCAL SHOCKS

January - March, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|---------------|--|----------|----------|-------|----------|-----|-------------|----------------|--|
| 1960 Jan. | | | | | | | | | |
| 5 | 07:11:19 22:51.8 | 33 35.4 | 46 | 118 | | | | | |
| 5 | 18:07:43 | 34 | 02 | 117 | 44 | В | 3.0 | K5 | Obispo. South of Pomona. Felt in Pomona area (tele- |
| 688 | 20:52:15 06:51:22 14:43:04 | 35 33 33 | 01 28 51 | 118 | 27 | CBC | 2.8 3.1 2.4 | H7 N3 J4 | Phone to Laboratory). Near Tehachapi. Southeast of Anza. Near Redondo Beach. Felt in the Compton |
| 10 | 05:14:08 19:08:40 | 34 | 03 | 117 | 48 59 | | 3.1 | K5 K11 | area (press). South of Pomona. East of Tinemaha. Felt sharply, in the Independence area (tel ephone, from L.A. City Water Department). |
| 1216 18 20 20 | 23:15.0 03:10:09 21:00:42 02:37:31 03:25 | 31.8 | 03525 | 115.7 | 27 57 50 | | 4.4.4.555 | P0 L5 H5 C10 | Baja California. Near Mira Loma. Near Fort Tejon. Near Piru. Minor damage in the Hollister area. |
| 21 | 22:21:08 23:52:22 | 33 | 04 49 | 115 | | | 2.6 | | Near Kane Springs. Northeast of San Diego Felt at Descanso and |
| 23 | 03:11:43 | 35 | 21 | 116 | 13 | C | 3.5 | N7 | La Mesa (press). Mojave Desert, NW of Baker. |
| | 16:08:32 04:17:36 | 33 | 07 | 116 = | 05 | В | 3.4 | N3 M13 | Near Ocotillo. Nevada. Epicenter and origin time by USCGS. |
| 29 | 01:27:03 | 34 | 40 | 116 | 29 | C | 3.0 | N6 | Mojave Desert, south- east of Newberry. |



- 2 - Pasadena Local Shocks January - March, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|----------------------|--|----------------------|----------|--------------------------|--------|----|-------------|----------------|---|
| 1960 Jan. | | | | | | | | | |
| 29 | 02:07:48 | 34 | 05 | 118 | 38 | C | 2.3 | H5 | Near Topanga. Felt in North Hollywood and Panorama City (tele- |
| 30 30 31 | 02:19:34 20:27:55 05:54:46 | 34 34 34 | 11 29 14 | 118 | 43 5.9 | | 2.5 | H5 K5 N5 | Near Calabasas. Near Valyermo. West of 29 Palms. |
| Feb. | | | | | | | | | |
| 3 | 08:37.3 | 32.1 | | 116.0 | | D | 4.5 | NI | Baja California. |
| 9 | 14:01:49 | 33 | 11 | 116 | 28 | В | 3.7 | N3 | Santa Rosa Mountains. Felt in Borrego Spring area (press, from Fred Robinson). |
| 13 | 00:35:38 | 34 | 25 | 117 | 00 | C | 2.8 | L5 | Vicinity of Lucerne Valley. Peculiar. |
| 16 16 17 | 05:58:20 22:16:20 18:00:47 | 34 35 34 | 03 00 08 | 117 | 30 | C | 2.5 | K5 H7 J5 | Near Pomona. South of Tehachapi. Near Glendale. Felt at Warner Bros. studio |
| 17 21 22 22 | 23:24:46 17:02:51 10:54:09 22:57:42 | 34 35 35 32 | 13 18 13 | 118 118 118 115 | 36 | BC | 2.5 2.0 3.9 | | Hollywood. Near Chatsworth. Near Caliente. East of Caliente. Baja California; |
| | 13:12:34 | 34 | 00 | 117 | 34 | В | 3.8 | K5 | near Laguna Salada. Near Mira Loma. Felt at Fontana, Riverside |
| 256 27 28 | 01:39:49 108:58:41 08:40:30 02:55:32 | 353434 | 2000 | 118 | 32 | | 3.3 | J7 H7 K5 F5 | Pomona (press). Northeast of Calient Southwest of Tehacha Near Walnut. Off the coast west of Santa Barbara. |



- 3 - Pasadena Local Shocks January - March, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|---------------|--|----------------|----------------|-------------------------|-------|------|-------------|------------------|---|
| 1960 March | | | | | | | | | |
| 8 | 12:39:57 02:46:43 02:20:13 04:26:42 00:30:42 08:21:38 | 33233534 | 41 15 42 07 22 | 118 118 118 118 118 | 42 | CBCC | 2.72.5823 | J4 P1 J4 P7 P15 | Off Seal Beach. Near Laguna Salada. Near Seal Beach. Near Wheeler Ridge. Near Wheeler Ridge. Seismograms peculiar. Near Fillmore. Felt at Santa Paula (press) |
| | 07:11:35 16:09:46 09:56:08 | 34 33 36 | 01 30 13 | 116 | | В | 2.7 2.9 3.2 | M5 M4 J9 | East of Yucaipa. Southeast of Anza. Sierra Nevada north- west of Haiwee. |
| | 11:04:40 00:27:44 14:31:44 03:31.2 04:02.0 09:58:11 | 3533.33.3 | | 119 118 119.3 119.3 117 | 30 26 | BBDD | 2.82900 | J8 G13 G13 | Near Wheeler Ridge. Near Mira Loma. North of Kernville. Vicinity of Bridgeport Vicinity of Bridgeport Argus Mountains, NE of China Lake. |

January 12, 1961

C. F. Richter Violet M. Taylor



SEISMOLOGICAL LABORATORY

California Institute of Technology Pasadena, California

BULLETIN ON LOCAL SHOCKS

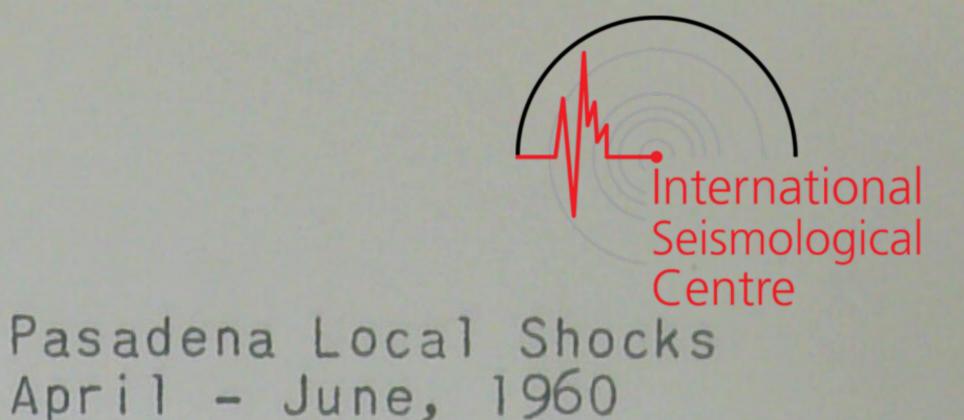
April - June, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|----------------------|-------------------------------------|----------------|----------------|-----------|----------|-----|-------------|----------------|---|
| 1960 <u>April</u> | | | | | | | | | |
| 9 | 03:38.3 | 38.3 | | 118.8 | | D | 3.8 | H13 | South of Hawthorne, Nevada. |
| 9 | 04:00.6 | 38.3 | | 118.8 | | D | 3.9 | H13 | South of Hawthorne, Nevada. |
| 9 | 04:37.9 | 38.3 | | 118.8 | | D | 4.3 | H13 | South of Hawthorne, Nevada. |
| 9 | 08:01.4 | 38.3 | | 118.8 | | D | 3.6 | H13 | South of Hawthorne, Nevada. |
| 11 13 14 | 23:35:46 02:50:17 20:45:23 | 34 32 32 | 38 44 52 | 117 | 03 42 29 | CBB | 2.7 3.6 3.3 | L6 P2 Q2 | South of Barstow. West of El Centro. Near El Centro. Felt |
| 15 18 21 | 19:43:39 02:16.3 18:08:36 | | 52 | 116 121.2 | | D | 3.93.6 | | Near Newberry. Region of Hollister. West of El Centro. First of a typical Imperial Valley swarm, including about 20 recorded shocks; those of magnitude 3.0 and |
| 21 21 21 21 | 18:11:12 18:36:24 22:53:29 23:39:20 | 32323 | 444444 | - | | В | 3.3.3.2 | P2 P2 P2 | over listed here. West of El Centro. West of El Centro. West of El Centro. West of El Centro. Largest of swarm. Felt at El Centro (press). |
| 24 | 23:46:30 | 33 | 19 | 116 | 01 | В | 3.3 | N3 | West shore of Salton Sea. |
| 26 | 10:42:00 | 33 | 57 | 117 | 33 | C | 2.6 | K4 | Near Mira Loma. |



- 2 - Pasadena Local Shocks April - June, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|-------------------|--|------|----------------------|-------|----------------|-------|------------|----------------|---|
| 1960 May | | | | | | | | | |
| 8 9 11 12 | 02:26:59 06:42:31 07:02:56 07:22:19 | 34 | 06 22 07 01 | 116 | 45 | CB | 2.0 | M3 K5 N5 K5 | East of Banner. Near Mira Loma. Felt |
| 18 19 2 2 2 3 2 4 | 07:08:58 11:13:11 06:27:29 23:30:36 21:43:08 12:25:18 15:30:57 | 33 | 068385800 | 118 | 40 4 3 5 4 2 6 | CBCBB | 3.1982.715 | P34446 H535 | in Riverside area (pre West of Kane Springs. Outer Santa Monica Bay Outer Santa Monica Bay Near Daggett. Near Piru. East of Banner. Small disturbance near Pasadena; reporte felt in Flintridge |
| 25 25 | 09:37:16 12:38:25 | | | 118 | | | 1.2 | J5 J5 | (press). Near Pasadena. Near Pasadena. Felt in La Canada (tele- |
| 25 | 13:34:54 | 34 | 10 | 118 | 08 | C | 1.5 | J5 | Phone to Laboratory). Near Pasadena. Felt in La Canada (tele- |
| 25 | 13:51:27 | 34 | 10 | 118 | 08 | C | 1.3 | J5 | phone to Laboratory). Felt in La Canada (talanhana talanhanata |
| 27 | 11:24:14 | 34 | 10 | 118 | 08 | C | 1.2 | J5 | (telephone to Laborato Near Pasadena. Re- ported felt in La Cana (telephone to Laborato |
| 27 | 13:24:27 | 34 | 10 | 118 | 08 | C | 1.1 | J5 | Near Pasadena. Re- ported felt in La Cana (telephone to Laborato |
| 29 | 04:58:33 | 34 | 10 | 118 | 08 | C | 1.2 | J5 | Near Pasadena. |
| June | | | | | | | | | |
| 5 | 07:47:08 | 37.5 | | 118.6 | | D | 5.1 | H12 | Northwest of Bishop. At Lake Crowley, sleepers wakened and water became muddy (personal report to Laboratory). Felt in Yosemite Valley (pres |



- 3 -

Date G.C.T. Lat. Long. W. Q. M. Index Remarks 1960 June 6 01:17:48 41 A15 Off Cape Mendocino. 125 5.5 Epicenter and origin time by USCGS. Felt in Humboldt and Del Norte Counties. Baja California. 20:53.3 4.5 Near Laguna Salada. 21:36:56 115 42 32 16:16:58 34 Northwest of San 25 B 2.5 10 L5 Bernardino. 118 14 Off Long Beach. 42 2.3 20:36:50 33 Near Newberry. 116 34 M6 2.7 01:15:24 35 50 South of Maricopa. 2.8 G6 20:24:43 34 20 19 55 West of Caliente. 2.7 118 21:42:25 35 22 Near Hemet Reservoir. 45 M4 116 2.7 18:36:11 40 23 33 Northwest of San L4 24 03 3.0 00:39:56 50 33 Jacinto. Northwest of Caliente. 118 3.0 40 24 14:38:01 **H5** Point Dume. 49 3.1 118 B 34 00 02:52:00 27 Near Fontana. 2.9 L5 117 21:33:49 34 05 27 Off Baja California. 45 HO 3.5 118 10 28 12:11:17 Northeast of Barstow. M6 3.1 54 116 59 34 17:47:53 28 Northwest of San 26 08 20:00:48 28 Bernardino. Intensity IV there and in Colton Fontana, Pomona, Rialto Riverside; felt as far as Los Angeles (press) 08 117 26 B 2.2 L5 Northwest of San 20:34:41 28 Bernardino; aftershock 26 B 2.2 L5 Northwest of San 117 08 11:33:50 34 29 Bernardino; aftershock Northwest of San 26 B 2.5 L5 06 117 21:16:51 34 30 Bernardino; aftershock

January 16, 1961

C. F. Richter Violet M. Taylor



SEISMOLOGICAL LABORATORY

California Institute of Technology Pasadena, California

BULLETIN ON LOCAL SHOCKS

July - September, 1960

| Date | G.C.T. | Lat. | Ν. | Long. | W. | Q. | М. | Index | Remarks |
|--------------|---------------------------|------|----|-------|----|----|-----|----------|--|
| 1960 July | | | | | | | | | |
| 1 | 03:25:48 | 35 | 15 | 118 | 35 | C | 2.5 | H7 | Near Caliente. Keene, IV (USCGS). |
| 1- | 09:31:07 | 32 | 11 | 115 | 42 | C | 3.8 | PI | Laguna Salada. Felt in Descanso, Calif. Residents were awakened by sharp jolt. (Phone). |
| | 22:13:45 | 35 | 09 | 117 | 12 | В | 4.5 | L7 | Northwest of Barstow. Press reports are con- fused with those for 09:31 preceding, and do not clearly show |
| 3 | 12:21.7 | 31.7 | | 115.9 | | D | 3.9 | PO | this shock was felt. Baja California. Reported felt in San Diego (press); probably confusion with instrumental |
| 8 | 03:35:44 | 33 | 43 | 117 | 52 | C | 3.3 | K4 | Near Santa Ana. IV there; felt widely in Orange County (press). |
| 13 | 07:24:55 | 30월 | | 114 | | | 4.5 | | Gulf of California. Epicenter and origin time by USCGS. |
| 14 16 20 | 05:26.9 00:22:52 10:24:57 | 34 | 15 | 115.6 | | C | 4.0 | P0 J5 L5 | Baja California. Near Mt. Wilson. Northwest of San Bernardino, near |
| 21 | 02:03:05 | | 08 | 117 | | | 2.9 | | Devore. Near Dalton. East of Caliente. |



- 2 - Pasadena Local Shocks July - September, 1960

| Date | CCT | 1 - + | NI NI | | 111 | | 11 | | |
|----------------|-------------------|-------|----------|-------|-----|------|-----|----------|---|
| Date | G.C.T. | Lat. | IV . | Long. | W - | Q. | M. | Index | Remarks |
| 1960 August | 02:55:15 | 34 | 18 | 119 | 03 | C | 3.4 | G5 | Near Santa Paula. Felt at Ventura (Mr. |
| | | | | | | | | | Nordquist); at Oxnard and in the San Fernan-do Valley (press). |
| | 19:39:30 | 33 | 10 | 116 | 58 | C | 4.2 | N3 | East of Banner. Felt at Descanso (press). |
| 1 3 | 22:56:01 19:43:26 | 35 | 00 | 119 | 02 | 1000 | 2.9 | G7 N3 | Near Wheeler Ridge. East of Banner. |
| 6 | 14:36:40 02:26:34 | 33 | 08 | 116 | 25 | | 3.3 | N3 H7 | East of Banner. East of Caliente. |
| 10 | 19:12:05 | 32 | 37 | 115 | | | 3.6 | Q2 | Near Volcano Lake, Baja California. |
| | 19:19:47 | | 37 37 | 115 | | | 3.7 | Q2 Q2 | Near Volcano Lake. Near Volcano Lake. |
| 10 | 19:29:35 | 32 | 37 | 115 | 17 | C | 3.5 | ŐS | Near Volcano Lake. East of Banner. |
| 12 | 04:11:59 | 35 | 07 | 116 | 02 | В | 3.2 | G7 K9 | Near Wheeler Ridge. Very near Haiwee. |
| 20 | 09:05:48 23:27:42 | | 09 | 117 | | | 3.1 | J4 | Off Point Fermin. Rattled dishes and |
| | | | | | | | | | window in Long Beach and vicinity; felt at Redondo Beach, Gardena, Firestone Park, Lennox, Huntington Park, and as far north as Los Angeles civic center (press). |
| 21 | 10:00:54 21:27:32 | | 15 | 116.2 | | D | 3.0 | H7 NO | Near Caliente. Baja California. |
| 21 | 23:07:03 | 34 | 11 | 117 | | | 3.8 | L5 | Northwest of San Bernardino. Felt at Cucamonga, Fontana, Riverside, San Bernardino, and as far as Pasadena (press). |
| 24 | 02:44.6 | 31.7 | | 115.3 | } | D | 4.4 | QO | Baja California. |



- 3 - Pasadena Local Shocks July - September, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|------------------|---|------|---------|-------------------------|----------|--------|-------------|----------------|---|
| 1960 Septem | ber | | | | | | | | |
| | 07:35:05 | 34 | 07 | 117 | 17 | B | 3.5 | L5 | Near San Bernardino. Felt at Fontana, Redlands, San Bernar dino and vicinity (press). |
| 1 1 3 5 5 8 9 10 | 12:53:04 22:39:54 15:53:08 03:28:23 11:14:47 18:41.6 12:28.2 00:42:46× | 31.7 | 1184519 | 118 116 118 118 115 117 | 32 06 32 | BBBCDD | 2.989599081 | HYNKNH11 PK | North of Caliente North of Indio. South of Corona. Northeast of Indio. East of Caliente. Northwest of Bishop. Baja California. Northeast of Mt. Wilson. Artificial? |
| 19 | 04:46:26 | 29.0 | | 114.1 | | | 4.2 | S0 | Gulf of California. Epicenter by USCGS. |
| 28 28 28 | 06:26.4 • 10:09:03 22:37:10 | 31.7 | 05 | 116.0 | 42 | C | | P0 M5 J4 | Baja California. Near Mt. San Gorgoni Near El Segundo. |

July 25, 1961

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C. F. Richter Violet M. Taylor Shawn Biehler

International Seismological Centre

AUG 11 1988EISMOLOGICAL LABORATORY California Institute of Technology Pasadena, California

BULLETIN ON LOCAL SHOCKS

October - December, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|---------------|--|------------------|----------------|-----------------|----------|---------|-------------|----------------------------|--|
| 1960 Octob | er | | | | | | | | |
| 34 | 04:38.9 | 31.7 | 12 | 116.0 | 18 | DB | 3.9 | NO L5 | Baja California. North of San Bernardino. Felt at Upland (telephone |
| 558 | 08:04:50 13:09:24 12:47:04 | 35 34 34 | 26 07 53 | 118 | 46 26 26 | | 3.1 | H7 K5 N6 | Northwest of Caliente Near Fontana. Cady Mountains (east |
| 8941568 | 16:25:08 06:32:16 21:02:51 04:30:39 23:05:59 12:17:08 | 353543535 | 02001151 | 119 119 117 119 | | CBBC | | G7G7K8 | of Barstow). Near Wheeler Ridge. Southeast of Taft. Near Wheeler Ridge. North of Etiwanda. Searles Lake. Northwest of Bakersfield. |
| 18 | 16:37:46 | 35 | 41 | 119 | 20 | В | 3.3 | G8 | Northwest of Bakersfield. |
| 21 | 00:11:44 | 35 | 08 | 119 | 02 | C | 3.2 | G7 | North of Wheeler Ridge. |
| 25889990013 | 16:22:42 02:00:40 19:22:05 02:39:38 05:33:57 04:16:25 04:46:25 09:59:56 | 3533433434343434 | 05778880929 | 118 | 02 02 21 | BBBBCBB | 2.777140930 | J7 J4 J5 N5 N5 N5 N5 N5 N5 | Near Tehachapi Pass. Off Huntington Beach Off Huntington Beach Northwest of 29 Palm Northwest of 29 Palm Northwest of San Die Northwest of 29 Palm |

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Pasadena Local Shocks October - December, 1960

| - | | | | | | | | | |
|----------------|--|------|-------|-------|-------|----|---------|----------------|---|
| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
| 1960 Novemb | per | | | | | | | | |
| 367 | The state of the s | | | 118 | | В | | | Near Buena Vista Lake. |
| 8 8 | 01:22:17 | | 17 | | | | 2.9 | H7 H3 | Deeper than usual? Near Caliente. West of Catalina |
| 11 13 17 18 | 14:04.58 07:52:58 06:55:47 11:03:15 | | 4518 | 118 | 0038 | BC | 3.4.4 | J8 M3 | Baja California. Near Walker Pass. Near Warner Springs. Felt in Plumas County. Epicenter and origin time by USCGS; magni- |
| 18 | 23:22:11 | 34 | 57 | 117 | 40 | C | 2.5 | K6 | Artificial? Mojave |
| 19 | 23:59 | | | | | | | | Desert south of Kramer. Artificial? Off the coast. |
| 20 22 23 | 04:39:02 05:47:42 00:15:24 | 35 | | 117 | 36 | В | | K5 M7 J2 | Near Dalton. Northeast of Barstow. Off San Clemente Island. Reported felt at San Diego. Possibly |
| 23 | 17:44:28 | 32 | 43 | 118 | 15 | C | 3.0 | J2 | artificial. Off San Clemente Island. Times closely like those of the preceding. Seismo- grams peculiar. |
| 25 28 | 22:30:28 13:26:56 | 33 | 16 07 | 117 | 31 52 | CC | 3.4 | K3 H3 | Artificial? Off Oceanside. Northwest of San Clemente Island. |
| Decemb | 05:39:55 | | 3004 | 118 | 35129 | В | 3.6 2.5 | H12 F5 Q2 | Northwest of Bishop. Off Santa Barbara. Northeast of El Centro. Rattled windows at Brawley and Westmorland (press). |



- 3 - Pasadena Local Shocks October - December, 1960

| Date | G.C.T. | Lat. | N. | Long. | W. | Q. | М. | Index | Remarks |
|----------------|----------------------------------|------|----------|---------------------|----|----|---------------|----------------|---|
| 1960 Decemb | per | | | | | | | | |
| 2 3 5 8 | 20:38:44 18:07:43 13:00 23:23.6 | 34 | 37 04 | 117 117 115.5 119.5 | 14 | В | 2.9 2.7 1 4.2 | L6 L5 P0 F14 | East of Victorville. Near San Bernardino. Baja California. Southeast of Lake Tahoe. |
| 20 22 23 | 22:18:15 04:11:18 18:39:53 | 33 | 07 10 20 | 116 | 01 | В | 3.0 | M7 N3 H7 | Northeast of Barstow West of Salton Sea. Near Caliente. |
| 26 | 22:47:09 | 34 | 08 | 118 | 38 | C | 2.6 | H5 | Northwest of Santa Monica. |
| 28 | 15:59.8 | 32.2 | 25 | 115.7 | 47 | DB | 3.7 | P1 K7 | Near Laguna Salada. Near Garlock. Times peculiar |
| 30 | 21:33:44 | 33 | 16 | 115 | 56 | В | 3.8 | N3 | West shore of Salton Sea, near Truckhaven |
| 30 | 21:40:25 | 33 | 16 | 115 | 56 | В | 4.0 | N3 | West shore of Salton Sea, near Truckhaven |
| 31 | 06:18:34 | 34 | 05 | 116 | 49 | C | 3.0 | M5 | Near Mt. San Gorgoni |

July 27, 1961

C. F. Richter Violet M. Taylor Shawn Biehler