

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED
GROUND VELOCITY AND DISPLACEMENT CURVES

PARTS Q AND R - ACCELEROGRAMS II Q233 TO II Q243
AND II R244 TO II R254

REPORT NO. EERL 74-56

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

SEPTEMBER 1974

CALIFORNIA INSTITUTE OF TECHNOLOGY
EARTHQUAKE ENGINEERING RESEARCH LABORATORY

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Ground Velocity and Displacement Curves

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and IIR244 to IIR254

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ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971, as Volume II, Part A, Report No. EERL 71-50, the first report of the Volume II series. That issue also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared earlier in Volume I, Part A, Report No. EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Parts Q and R, Report No. EERL 74-56, continues with the accelerograms obtained during the San Fernando earthquake of February 9, 1971, and includes three records each from the buildings at 14724 Ventura Boulevard and 800 W. First Street in Los Angeles and 1760 N. Orchid Avenue in Hollywood; two records from the buildings at 222 Figueroa Street, 6464 Sunset Boulevard, 1900 Avenue of the Stars, 234 Figueroa Street, and 533 S. Fremont in Los Angeles and 9100 Wilshire Boulevard in Beverly Hills; and one record from the building at 6430 Sunset Boulevard in Los Angeles.

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PREFACE TO VOLUME II, PARTS Q AND R*

This issue of corrected accelerograms and integrated ground velocity and displacement curves contains data from the San Fernando, California, earthquake of February 9, 1971. The corrected data for records from this earthquake appeared first in Volume II, Part C, Report No. EERL 72-51, and this continuation includes records from the following locations:

1. 14724 Ventura Boulevard, Los Angeles (3 records)
2. 1760 N. Orchid Avenue, Hollywood (3 records)
3. 9100 Wilshire Boulevard, Beverly Hills (2 records)
4. 800 W. First Street, Los Angeles (3 records)
5. 222 Figueroa Street, Los Angeles (2 records)
6. 6464 Sunset Boulevard, Los Angeles (2 records)
7. 6430 Sunset Boulevard, Los Angeles
8. 1900 Avenue of the Stars, Los Angeles (2 records)
9. 234 Figueroa Street, Los Angeles (2 records)
10. 533 S. Fremont Avenue, Los Angeles (2 records)

The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part Q, Report No. EERL 73-22, and Volume I, Part R, Report No. EERL 73-23. Reference may be made to Volume II, Parts A and B, Report Nos. EERL 71-50 and 72-50, for introductory material and references to papers discussing various details of the processing and computing problems.

A separate section in Volume II, Part G, Report No. 73-52, described the results of an investigation of long period ground displacements calculated from recorded accelerations. During the

* For reasons of economy and convenience in the size of the reports, it has been thought desirable to combine two parts into one report.

course of this study it became evident that the procedures for preparation of 70-mm and, to a lesser extent, 35-mm film records introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the records in this issue, by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds. Subsequent calculations of response and Fourier spectra, published in the corresponding parts of Volumes III and IV reflect this altered frequency band.

A comparative study of ground level and roof records using Volume II corrected accelerations, velocities, and displacements has brought to light the following facts regarding the time scales of the three records obtained from the building at 1760 N. Orchid Avenue in Hollywood. In Volume I, Part Q, a description can be found, on page 3, of the way in which the time scales were chosen for the records obtained at the ground, 12th, and 23rd floors. The ground floor record time marks were faint and intermittent, but an estimate could be made of the average film transport speed of 1.67 cm/sec. The 12th floor record time marks could be digitized directly. There were no time marks on the 23rd floor record and a typical speed of 1.62 cm/sec was used. The investigation described below has shown that the ground and 12th floor records match perfectly and that a more probable film speed for the 23rd floor record is 1.585 cm/sec.

The check was made using the plots of the vertical components of velocity at the three levels, all of which started at almost identical times. A persistent frequency is apparent in all three plots of

about 4.7 cps. In fact, the similarity of the three plots is striking and confirms the expectation that vertical motion of the complete building, at frequencies portrayed in a velocity plot, should be reasonably coherent throughout the building height. Matching of one of the 4.7 cps peaks, which can be found at 39.61 sec on the ground and 12th floor records and at 38.76 sec on the 23rd floor record, clearly shows that the ground and 12th floor records correspond closely and that the plot of the 23rd floor record needs to be expanded in the time direction by the ratio 1.022, i.e., expanded by 2.2%. This leads to the corrected film speed of 1.585 cm/sec, a reduction of 2.2%, and the following corrections for the three components of this record, Q238, in the various stages of data analysis:

- Volume I. All time coordinates are to be increased by 2.2%, or the multiplicative factor 1.022
- Volume II. The time interval of the equispaced acceleration data is .02044 sec, rather than 0.02 sec
- Volume III. All periods are to be increased by 2.2%, or the multiplicative factor 1.022
- Volume IV. All frequencies are to be decreased by 2.2%, or the multiplicative factor 0.978, while their logarithms are to be reduced by the value 0.0097.

An additional correction to Part Q has been made to the components of the ground floor record, Q236, of 1760 N. Orchid Avenue, Hollywood, where the South and East component directions have been interchanged. This is a result of mislabeling on the original film record.

NOTES ON THE VOLUME II SERIES

The following includes some general background information describing the Volume II series.

Contents of the Various Parts. Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, Report No. EERL 71-50, was published in September 1971 and contained in a general introduction to the series, detailed information on the methods and procedures used which should be consulted by all users of the data. Part B of Volume II, Report No. EERL 72-50, which appeared in February 1973, contained additional references to papers discussing various details of the processing and computing problems. Part C, Report No. EERL 72-51, began the presentation of corrected data for the unusually important series of accelerograms obtained during the San Fernando earthquake of February 9, 1971. All the records considered suitable for standard digitizing will be included in the issues following Part C.

Component Directions. A description of the naming of component directions for the records was given in Volume II, Part B. Consistent with this, the component direction, where it appears in this report, refers to the direction of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base. It follows that the true ground acceleration will be opposite to

the pendulum motion defined above. Consequently, in the following plots the y-axis scale is inverted so as to retain both the familiar pattern of the accelerograms and the listed component direction.

Description of the Plots and Listings. The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A. The plots of acceleration, velocity, and displacement appear first, with details of the earthquake, the recording site, and the peak values in the headings. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values, and initial values are in the headings for each component.

Assessment of Long Period Errors. A separate section in Volume II, Part G, Report No. EERL 73-52, entitled "Current Assessment of Long Period Errors" describes the results of a recent investigation of long period displacements calculated from recorded accelerations. During the course of this study it became evident that the procedures for preparation of 70-mm film and, to a lesser extent, 35-mm film records from the San Fernando earthquake of February 9, 1971, introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the 70-mm and 35-mm film records by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds in the Volume II correction procedure. The following list of Caltech reference numbers indicates the records from the San Fernando earthquake included in Volume I, Parts C through S, that have been processed with the cut-off period of 8 seconds:

Parts G, H, I, K, N, Q, R, S: All records in these parts.

Part J: Records J142 and J145 through J150.

Part L: Records L166, L167, L168; L172 through L175.

Part M: Records M176, M177, M178; M180 through M184.

Part O: Records O198 through O201; O206, O208, O210.

Part P: Records P231 and P232.

A decision was also made at the same time to eliminate a number of very low amplitude accelerograms from further processing (Volume II, III, and IV) reflecting the expectation that the resulting displacement records will be dominated by noise. Their Caltech reference numbers are as follows:

H127; I140; J151, J152; K153 through K156, K161 through K165; O202, O203, O209, O211, O212; P224 through P230.

It is apparent in some of the displacement plots in the series of Volume II reports, particularly in the earlier parts, that some long period noise is still present in the published data. There are no components remaining with periods longer than the cut-off period of 14 seconds (and roll-off termination at 20 seconds), or in the case of 70- and 35-mm film records from the San Fernando earthquake, the cut-off of 8 seconds (and roll-off termination at 10 seconds), but it is evident that for some records these cut-off periods are in fact too long. The cause for this lies in the very low amplitude of acceleration for much of the duration of some of the records and the consequent lowering of the signal-to-noise ratio. This noise

arises primarily from random digitization noise, and is independent of the acceleration amplitudes. With this in mind, the displacement plots indicate that a cut-off period lower than 14 seconds, or 8 seconds as the case may be, should be used to remove these components from the acceleration data. It is clear, of course, that in routine processing of accelerograms, such as those mentioned above, it is not practical to examine each earthquake accelerogram in sufficient detail to permit selection of the cut-off period optimal for that particular record.

Availability of Reports and Data. All of the reports constituting the Volume II series mention specific references that discuss particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U. S. Department of Commerce
Springfield, Virginia 22151

Information on the availability and costs of punched cards and magnetic tapes containing this data, and the data from other volumes in the series, may be obtained from the National Information Service for Earthquake Engineering, the Earthquake Engineering Research Laboratory, California Institute of Technology.

Acknowledgments. We are grateful to the staff members of the Earthquake Engineering Research Laboratory who at all stages of the project continue to devote their time and attention to producing these reports and the corresponding cards and tapes. In particular we are indebted to Mr. Vincent Lee for carrying out the computing side of the project with such enthusiasm, to Miss Barbara Turner and Miss Sharon Vedrode for typing and editing, and to the staff of the Willis H. Booth Computing Center and the Graphic Arts Facilities. We appreciate the major support from the National Science Foundation that has made the entire project possible, and the continued contributions from the Earthquake Research Affiliates Program of the California Institute of Technology.

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INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

<u>Series Ref. No.</u>	<u>Caltech Log No.</u>	<u>Instrmt; Serial No.</u>	<u>Station No.; Location</u>	<u>Component Direction</u>	<u>Period* To, (sec)</u>	<u>Sens. (cm/g)</u>	<u>Damp* Ratio, ϵ</u>	<u>Damp* % crit.</u>
IIQ233	71.162	MO-2 165	253 Los Angeles, 14724 Ventura Boulevard, 1st Floor	S12W N78W Up	0.03 0.03 0.03	1.51 1.53 2.36	10 10 10	59.2 59.2 59.2
IIQ234	71.163	MO-2 129	254 Los Angeles, 14724 Ventura Boulevard, 6th Floor	S12W N78W Up	0.03 0.03 0.03	1.57 1.57 2.42	10 10 10	59.2 59.2 59.2
IIQ235	71.164	MO-2 188	255 Los Angeles, 14724 Ventura Boulevard, Penthouse	S12W N78W Up	0.03 0.03 0.03	1.52 1.53 2.34	10 10 10	59.2 59.2 59.2
IIQ236	71.165	MO-2 152	446 Hollywood, 1760 N. Orchid Avenue, Ground Floor	East South Up	0.03 0.03 0.03	1.52 1.47 2.34	10 10 10	59.2 59.2 59.2
IIQ237	71.166	MO-2 135	447 Hollywood, 1760 N. Orchid Avenue, 12th Floor	South East Up	0.03 0.03 0.03	1.54 1.55 2.26	10 10 10	59.2 59.2 59.2
IIQ238	71.167	MO-2 132	448 Hollywood, 1760 N. Orchid Avenue, 23rd Floor	South East Up	0.03 0.03 0.03	1.54 1.57 2.42	10 10 10	59.2 59.2 59.2
IIQ239	71.168	MO-2 148	416 Beverly Hills, 9100 Wilshire Boulevard, Basement	South East Up	0.03 0.03 0.03	1.54 1.49 2.44	10 10 10	59.2 59.2 59.2
IIQ240	71.169	MO-2 133	417 Beverly Hills, 9100 Wilshire Boulevard, 5th Floor	South East Up	0.03 0.03 0.03	1.42 1.51 2.30	10 10 10	59.2 59.2 59.2

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (cont.)

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component Direction	Period* T _o , (sec)	Sens. (cm/g)	Damp* Ratio, %	Damp* % crit.
IIQ241	71.170	MO-2 59	172 Los Angeles, 800 W. First Street, 1st Floor	N37E N53W Up	0.03 0.03 0.03	1.59 1.60 2.36	10 10 10	59.2 59.2 59.2
IIQ242	71.171	MO-2 60	173 Los Angeles, 800 W. First Street, 16th Floor	N37E N53W Up	0.03 0.03 0.03	1.57 1.59 2.39	10 10 10	59.2 59.2 59.2
IIQ243	71.172	MO-2 81	174 Los Angeles, 800 W. First Street, 33rd Floor	N37E N53W Up	0.03 0.03 0.03	1.61 1.56 2.36	10 10 10	59.2 59.2 59.2
IIR244	71.174	MO-2 110	145 Los Angeles, 222 Figueroa St. 1st Floor	N53W S37W Up	0.3	1.53 1.51 2.32	10	59.2
IIR245	71.173	MO-2 160	147 Los Angeles, 222 Figueroa St. 20th Floor	N53W S37W Up	0.3	1.54 1.55 2.44	10	59.2
IIR246	71.192	MO-2 123	235 Los Angeles, 6464 Sunset Blvd. Basement	South East Up	0.3	1.49 1.52 2.40	10	59.2
IIR247	71.193	MO-2 116	237 Los Angeles, 6464 Sunset Blvd. 12th Floor	South East Up	0.3	1.57 1.51 2.44	10	59.2
IIR248	71.194	MO-2 56	232 Los Angeles, 6430 Sunset Blvd. 1st Floor	South East Up	0.3	1.57 1.54 2.43	10	59.2
IIR249	71.196	MO-2 121	184 Los Angeles, 1900 Ave. of the Stars, Basement	N44E S46E Up	0.3	1.58 1.58 2.30	10	59.2

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period* T ₀ (sec)	Sens.* (cm/g)	Damp* Ratio, %	Damp* % crit.
IIR250	71.197	MO-2 197	186 Los Angeles, 1900 Ave. of the Stars, 29th Floor	N44E S46E Up	0.3	1.54 1.54 2.37	10	59.2
IIR251	71.198	MO-2 54	148 Los Angeles, 234 Figueroa St. Basement	N37E S53E Up	0.3	1.62 1.61 2.46	10	59.2
IIR252	71.199	MO-2 62	150 Los Angeles, 234 Figueroa St. Roof	N37E S53E Up	0.3	1.62 1.65 2.36	10	59.2
IIR253	71.200	MO-2 73	160 Los Angeles, 533 S. Fremont Avenue, Basement	N30W S60W Up	0.3	1.58 1.56 2.40	10	59.2
IIR254	71.201	MO-2 93	161 Los Angeles, 533 S. Fremont Avenue, 6th Floor	N30W S60W Up	0.3	1.57 1.63 2.44	10	59.2

* Static Magnification, $V_s = \omega_n^2 \cdot \text{Sensitivity} = \left[\frac{2\pi}{T_0(\text{sec})} \right]^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Damping Ratio, $\epsilon = \exp[\pi n / \sqrt{(1 - n^2)}]$ where n is the fraction of critical damping.

Periods, sensitivities and damping ratios are supplied by the manufacturer and appear in "Strong Motion Station Instrumental Data," Seismological Field Survey, NOAA-ERL-ESL, June 30, 1972.

Footnotes continued on next page.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (Cont.)

Footnotes continued:

The component direction is that of pendulum motion for the trace to be deflected "up" on the original record, as described in the Notes. Thus, for the Volume II data listed in this report, with the y-axis reversal, the ground acceleration is positive when it is in the direction given by the Component Direction column.

EARTHQUAKE DATA

The San Fernando, California, Earthquake of February 9, 1971,
0600 PST; epicenter, $34^{\circ}24.7'N$, $118^{\circ}24.0'W$; * maximum intensity, XI;
revised magnitude (M_L), 6.4; depth, 13.0 km.

* Latest revised epicenter location.

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INDEX OF EARTHQUAKE RECORDS

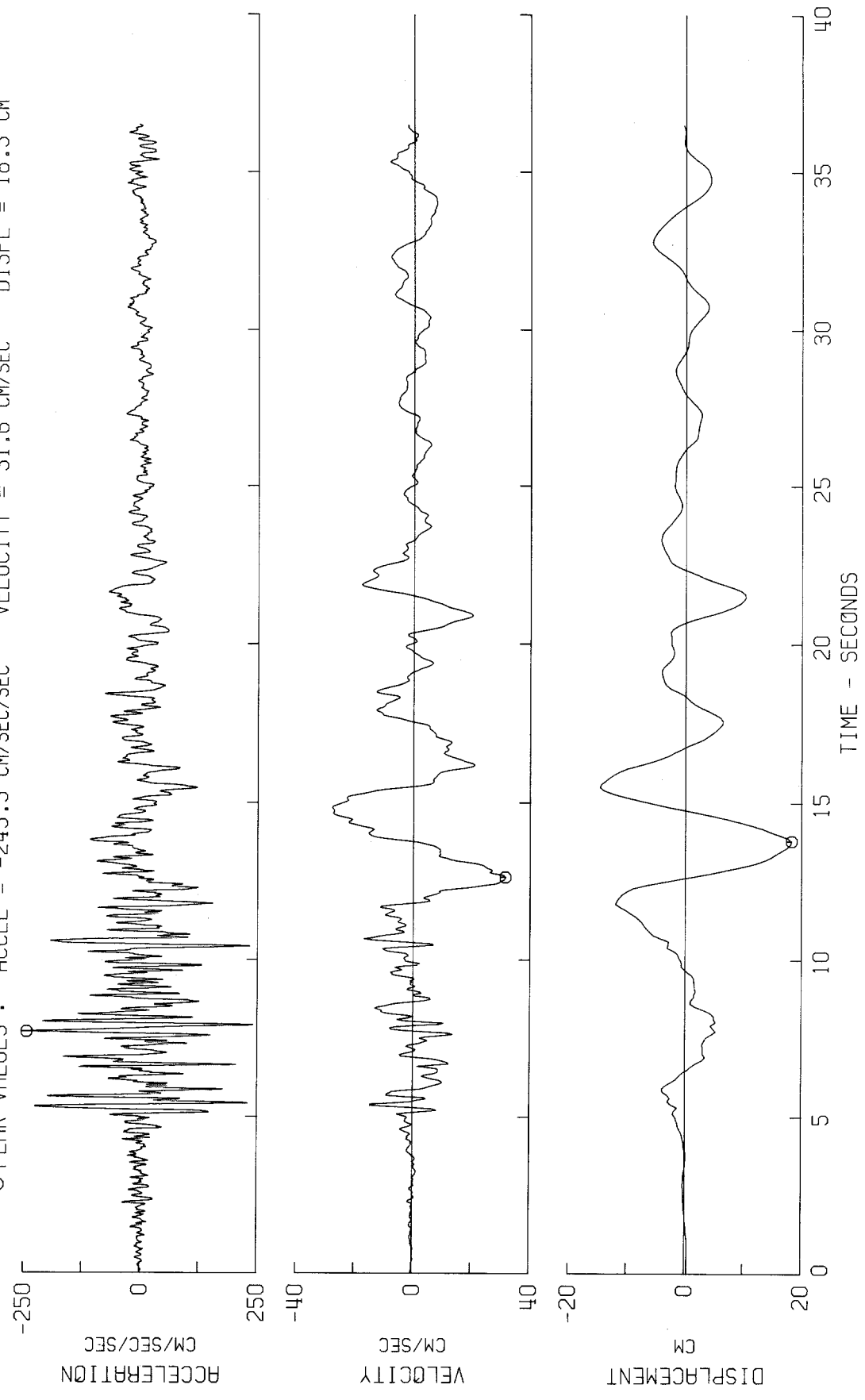
VOLUME II, PARTS Q AND R

<u>Records</u>		<u>Plot</u>	<u>Printout</u>
San Fernando, Earthquake, February 9, 1971 - 0600 PST			
IIQ233;	14724 Ventura Boulevard, Los Angeles, Calif.; 1st Floor; S12W, N78W, Up	19	85
IIQ234;	14724 Ventura Boulevard, Los Angeles, Calif.; 6th Floor; S12W, N78W, Up	22	91
IIQ235;	14724 Ventura Boulevard, Los Angeles, Calif.; Penthouse; S12W, N78W, Up	25	100
IIQ236;	1760 N. Orchid Avenue, Hollywood, Calif.; Ground Floor; East, South, Up	28	109
IIQ237;	1760 N. Orchid Avenue, Hollywood, Calif.; 12th Floor; South, East, Up	31	118
IIQ238;	1760 N. Orchid Avenue, Hollywood, Calif.; 23rd Floor; South, East, Up	34	127
IIQ239;	9100 Wilshire Boulevard, Beverly Hills, Calif.; Basement; South, East, Up	37	136
IIQ240;	9100 Wilshire Boulevard, Beverly Hills, Calif.; 5th Floor; South, East, Up	40	145
IIQ241;	800 W. First Street, Los Angeles, Calif.; 1st Floor; N37E, N53W, Up	43	154
IIQ242;	800 W. First Street, Los Angeles, Calif.; 16th Floor; N37E, N53W, Up	46	163
IIQ243;	800 W. First Street, Los Angeles, Calif.; 33rd Floor; N37E, N53W, Up	49	172
IIR244;	222 Figueroa Street, Los Angeles, Calif.; 1st Floor; N53W, S37W, Up	52	181
IIR245;	222 Figueroa Street, Los Angeles, Calif.; 20th Floor; N53W, S37W, Up	55	190
IIR246;	6464 Sunset Boulevard, Los Angeles, Calif.; Basement; South, East, Up	58	199
IIR247;	6464 Sunset Boulevard, Los Angeles, Calif.; 12th Floor; South, East, Up	61	208
IIR248;	6430 Sunset Boulevard, Los Angeles, Calif.; 1st Floor; South, East, Up	64	217

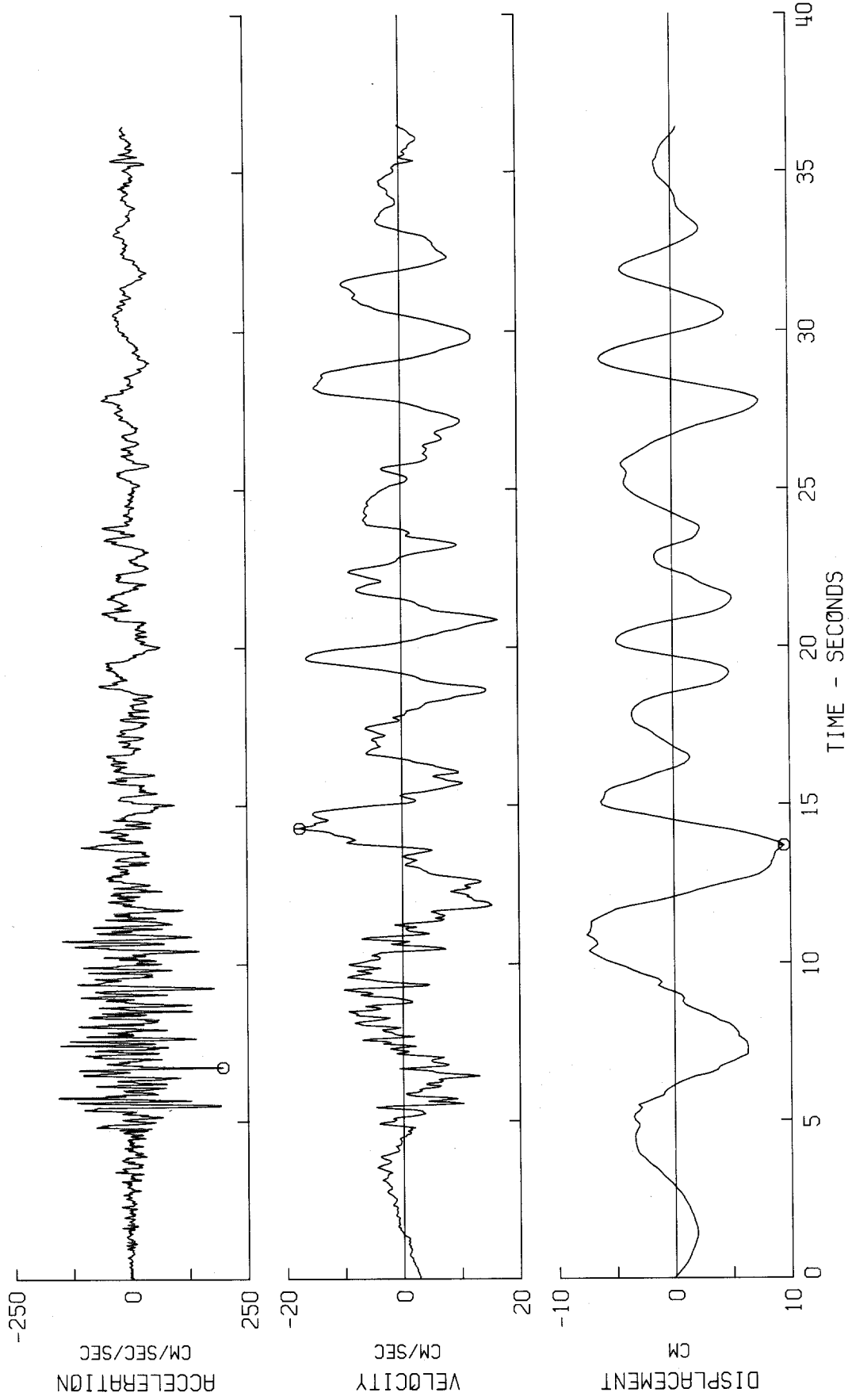
INDEX OF EARTHQUAKE RECORDS (CONT.)

	<u>Records</u>	<u>Plot</u>	<u>Printout</u>
IIR249;	1900 Avenue of the Stars, Los Angeles, Calif.; Basement; N44E, S46E, Up	67	226
IIR250;	1900 Avenue of the Stars, Los Angeles, Calif.; 29th Floor; N44E, S46E, Up	70	235
IIR251;	234 Figueroa Street, Los Angeles, Calif.; Basement; N37E, S53E, Up	73	244
IIR252;	234 Figueroa Street, Los Angeles, Calif.; Roof; N37E, S53E, Up	76	253
IIR253;	533 S. Fremont Avenue, Los Angeles, Calif.; Basement; N30W, S60W, Up	79	262
IIR254;	533 S. Fremont Avenue, Los Angeles, Calif.; 6th Floor; N30W, S60W, Up	82	268

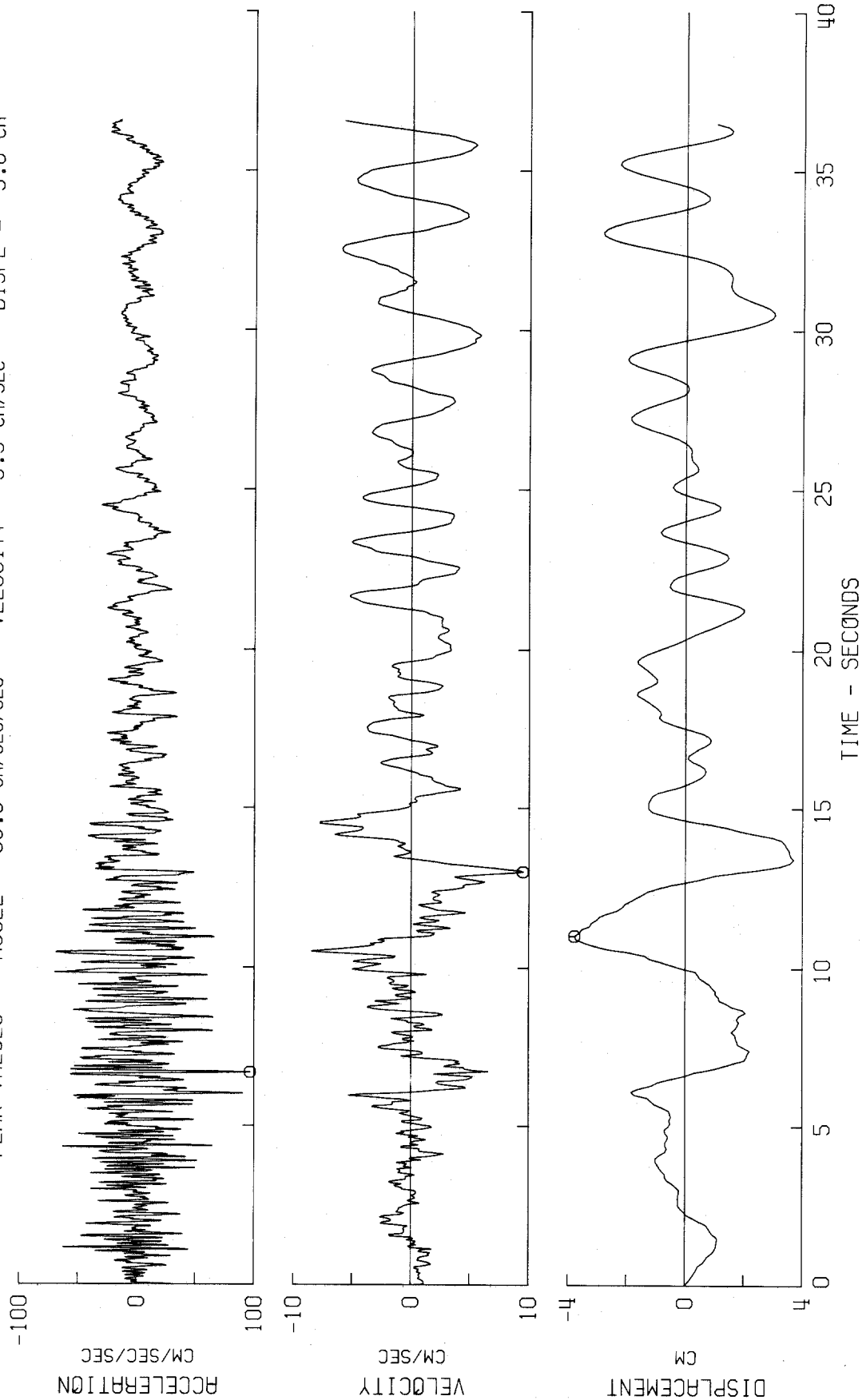
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ233 71.162.0 14724 VENTURA BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL. COMP S12W
Ø PEAK VALUES : ACCEL = -243.3 CM/SEC/SEC VELOCITY = 31.6 CM/SEC DISPL = 18.3 CM



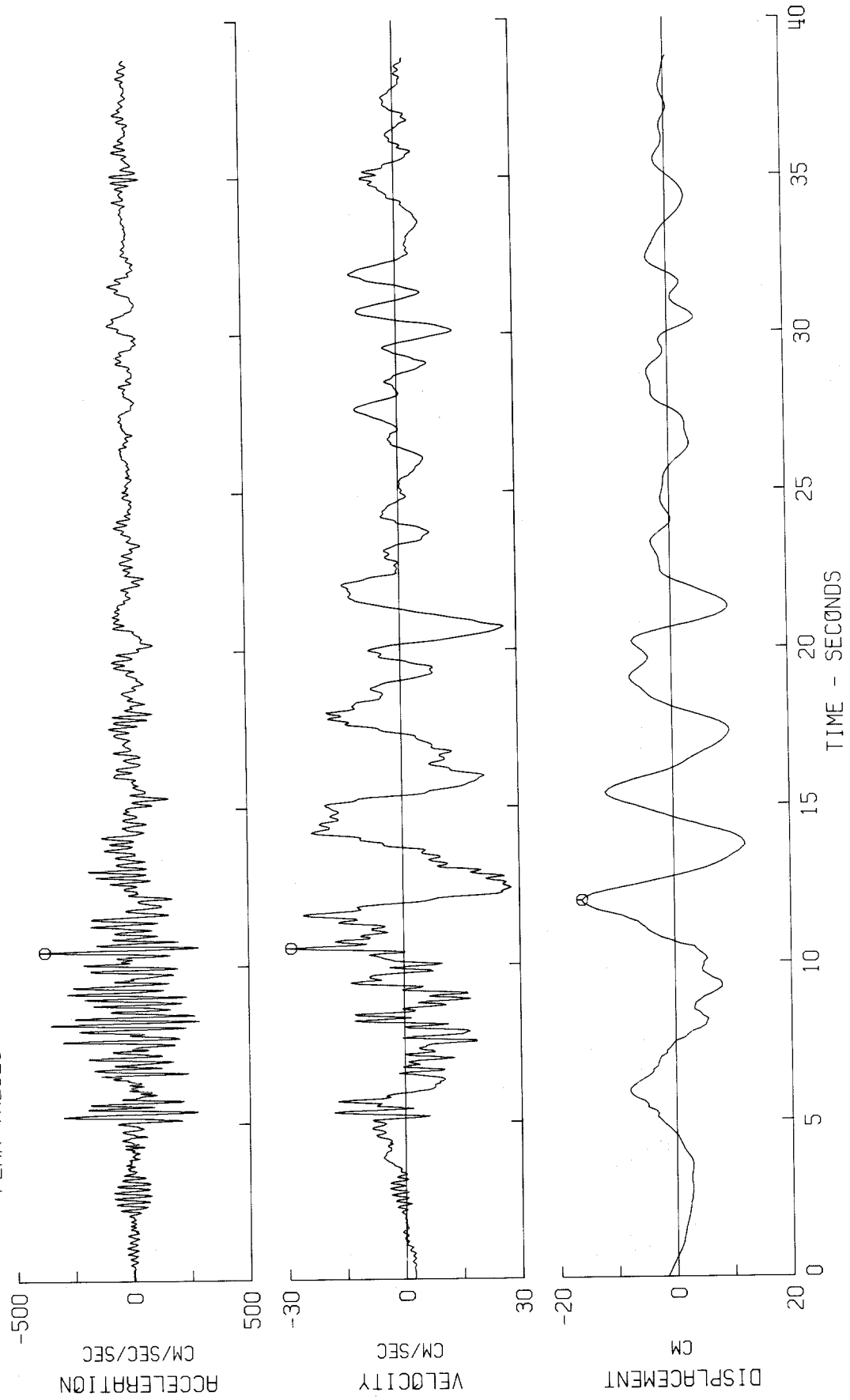
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110233 71.162.0 14724 VENTURA BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL. COMP N78W
O PEAK VALUES : ACCEL = 197.0 CM/SEC/SEC VELOCITY = -17.6 CM/SEC DISPL = 9.5 CM



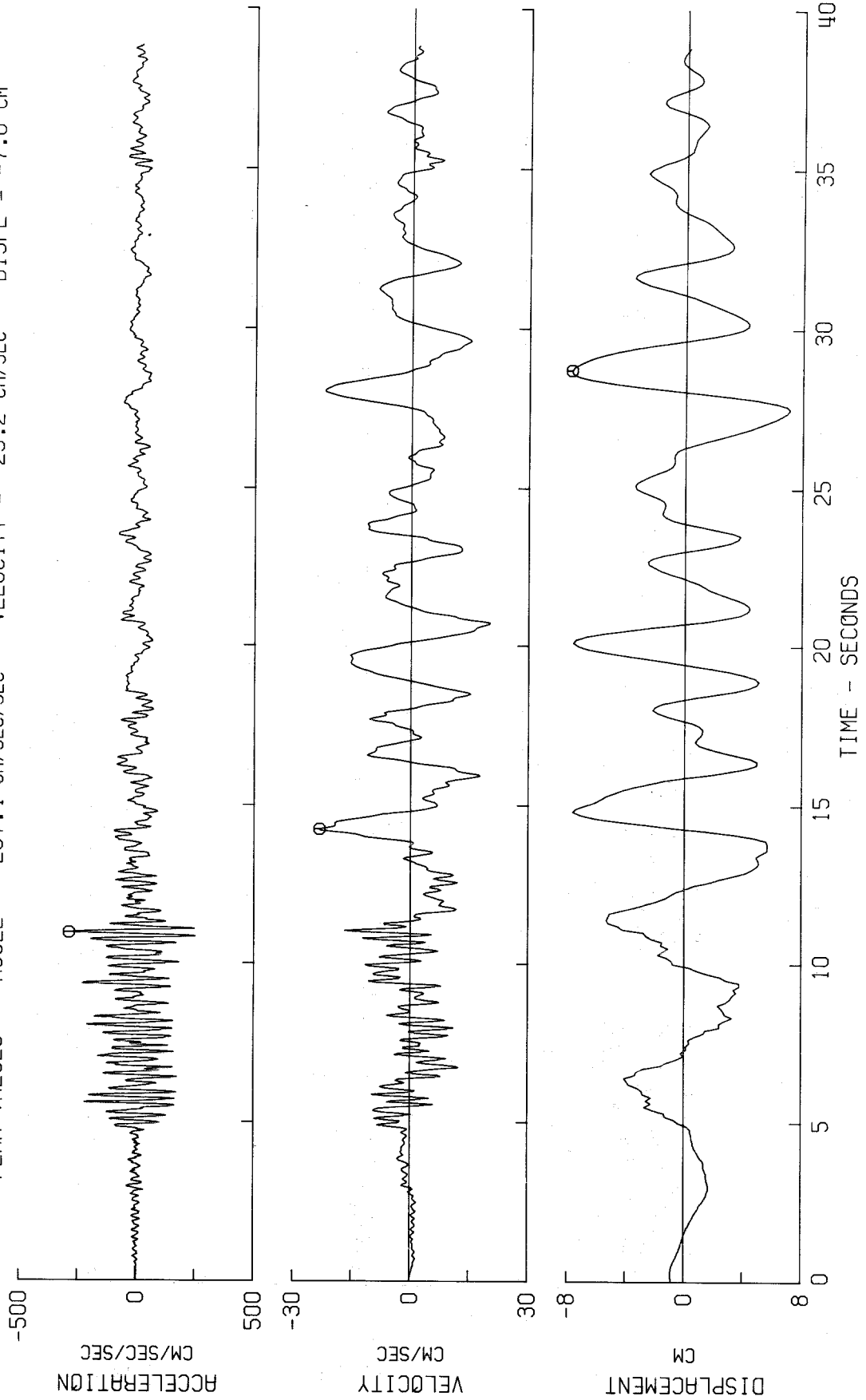
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II0233 71.162.0 14724 VENTURA BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL. COMP UP
⊙ PEAK VALUES : ACCEL = 96.8 CM/SEC/SEC VELOCITY = 9.5 CM/SEC DISPL = -3.8 CM



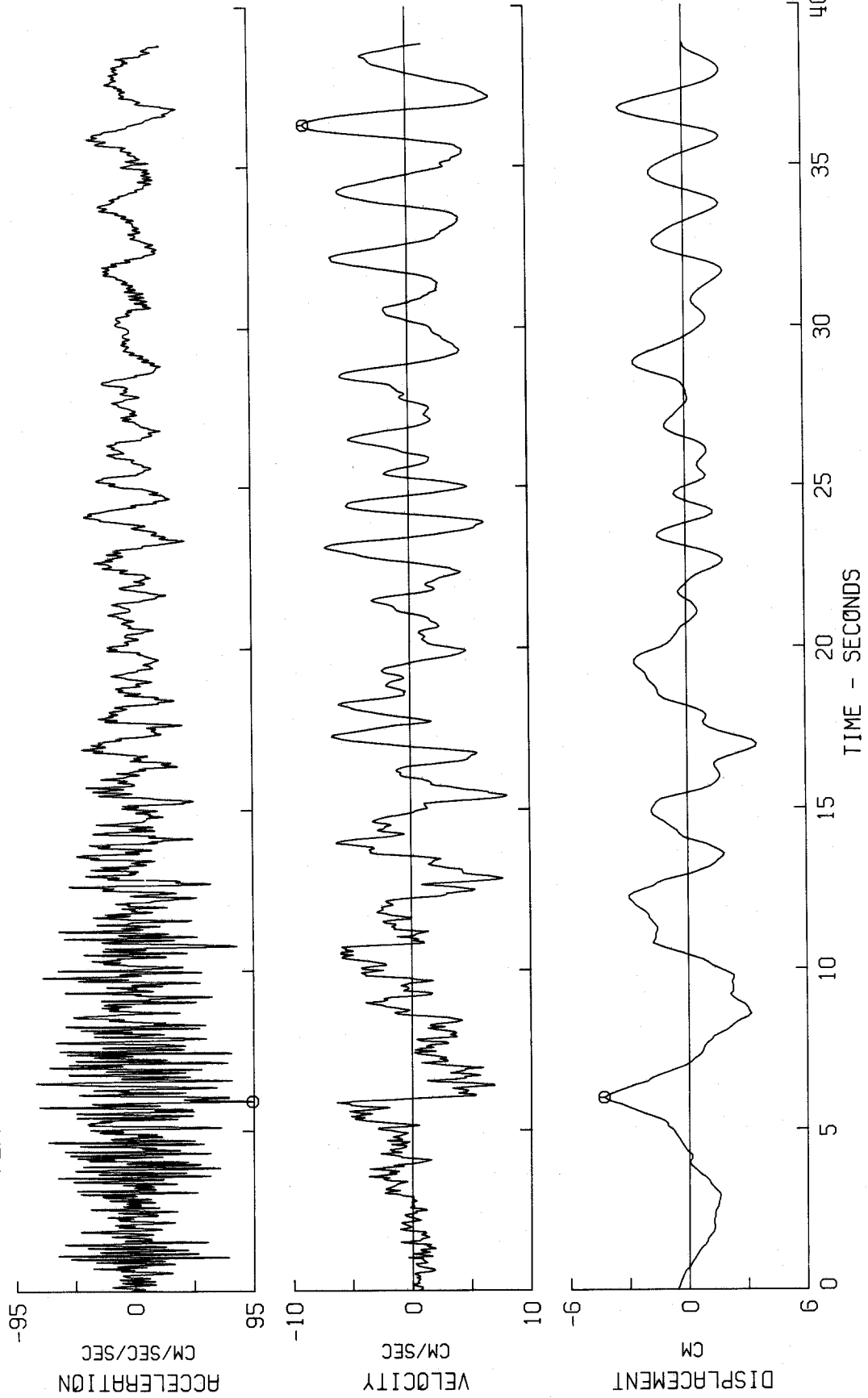
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11Q234 71.163.0 14724 VENTURA BOULEVARD, 6TH FLOOR, LOS ANGELES, CAL. COMP S12W
PEAK VALUES: ACCEL = -375.1 CM/SEC/SEC VELOCITY = -29.1 CM/SEC DISPL = -15.9 CM



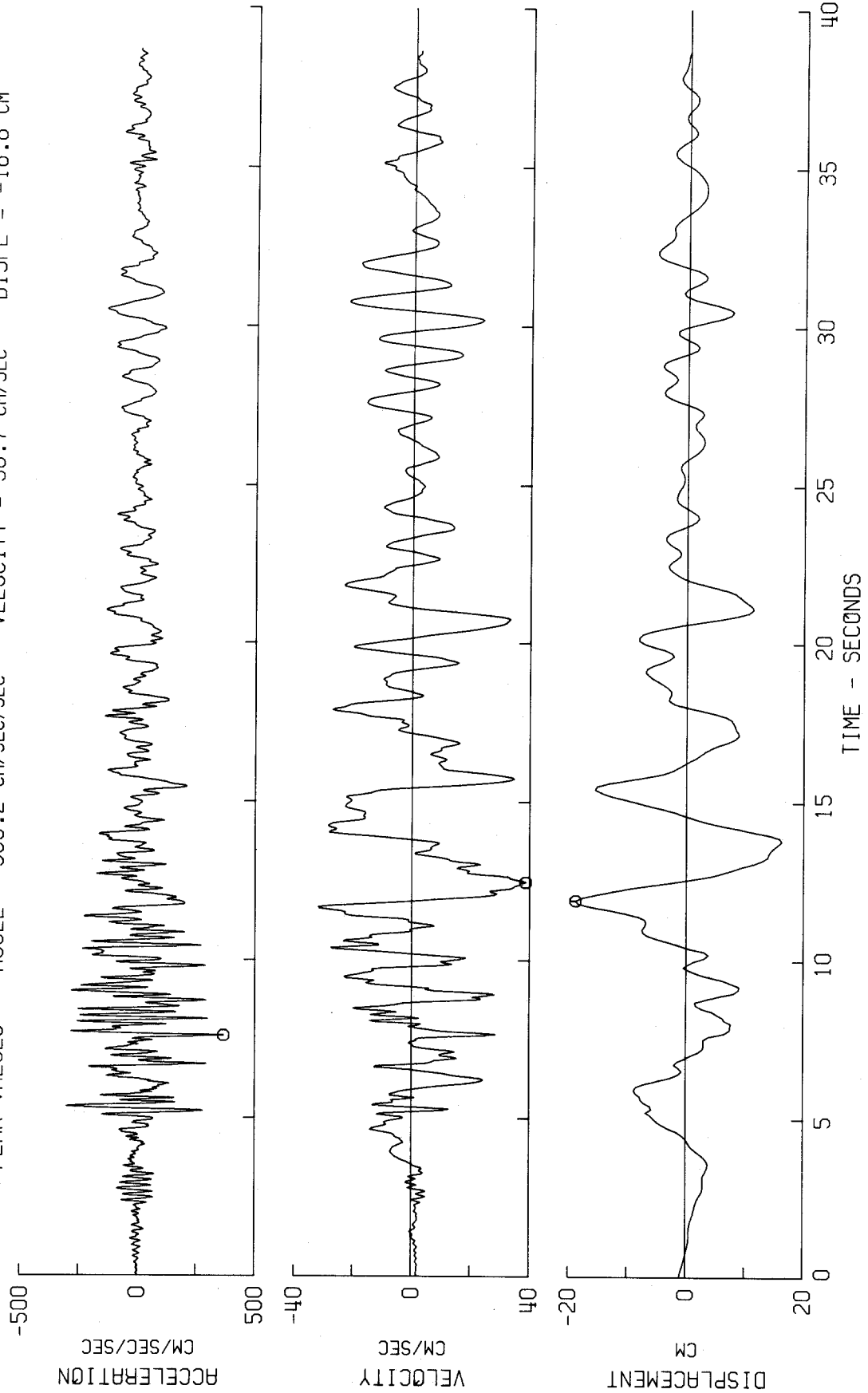
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110234 71.163.0 14724 VENTURA BOULEVARD, 6TH FLOOR, LOS ANGELES, CAL. COMP N78W
PEAK VALUES : ACCEL = -287.4 CM/SEC/SEC VELOCITY = -23.2 CM/SEC DISPL = -7.8 CM



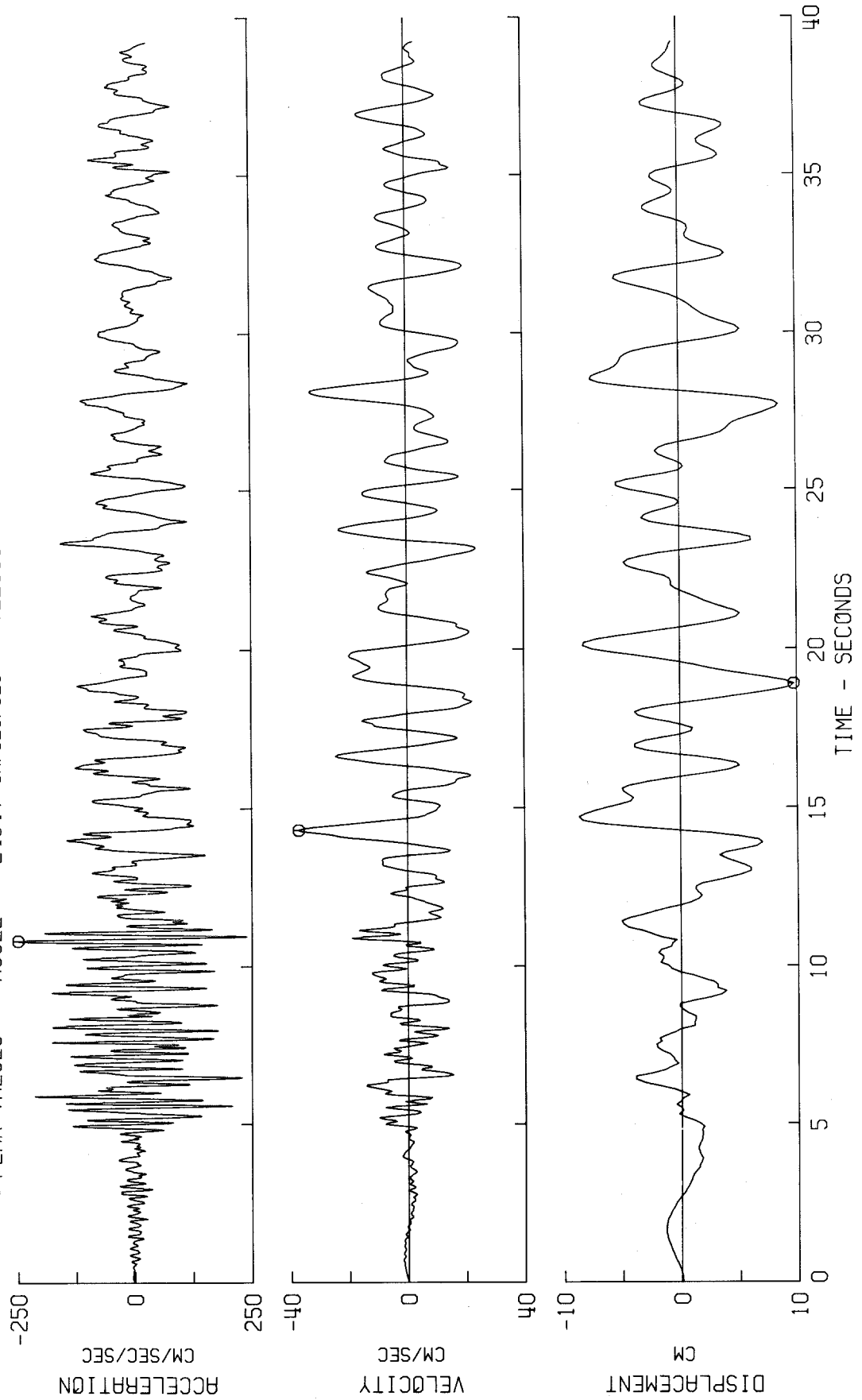
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110234 71.163.0 14724 VENTURA BOULEVARD, 6TH FLOOR, LOS ANGELES, CAL. COMP UP
O PEAK VALUES : ACCEL = 94.1 CM/SEC/SEC VELOCITY = -8.7 CM/SEC DISPL = -4.3 CM



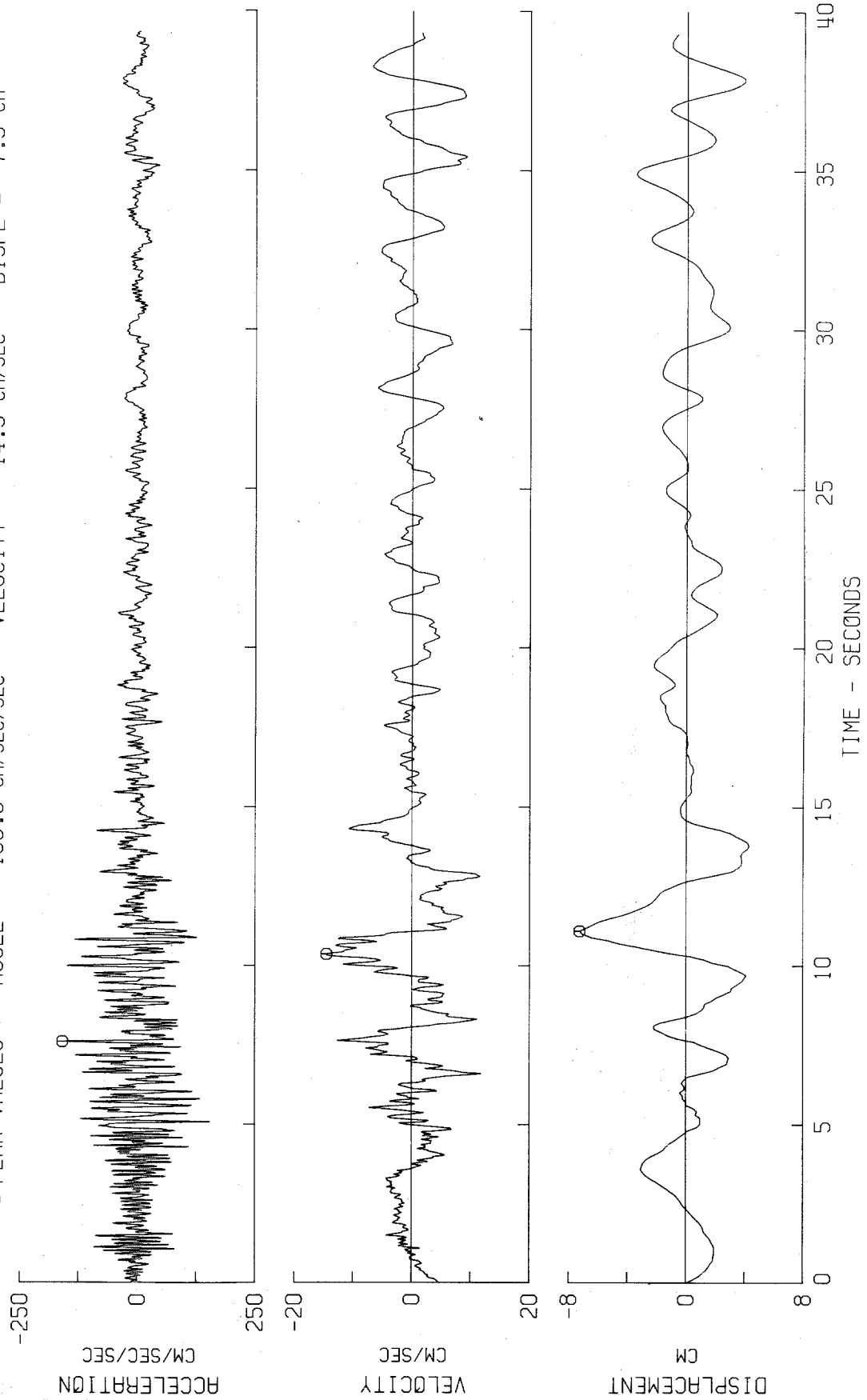
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ235 71.164.0 14724 VENTURA BOULEVARD, PENTHOUSE, LOS ANGELES, CAL. COMP S12W
o PEAK VALUES : ACCEL = 368.2 CM/SEC/SEC VELOCITY = 38.7 CM/SEC DISPL = -18.8 CM



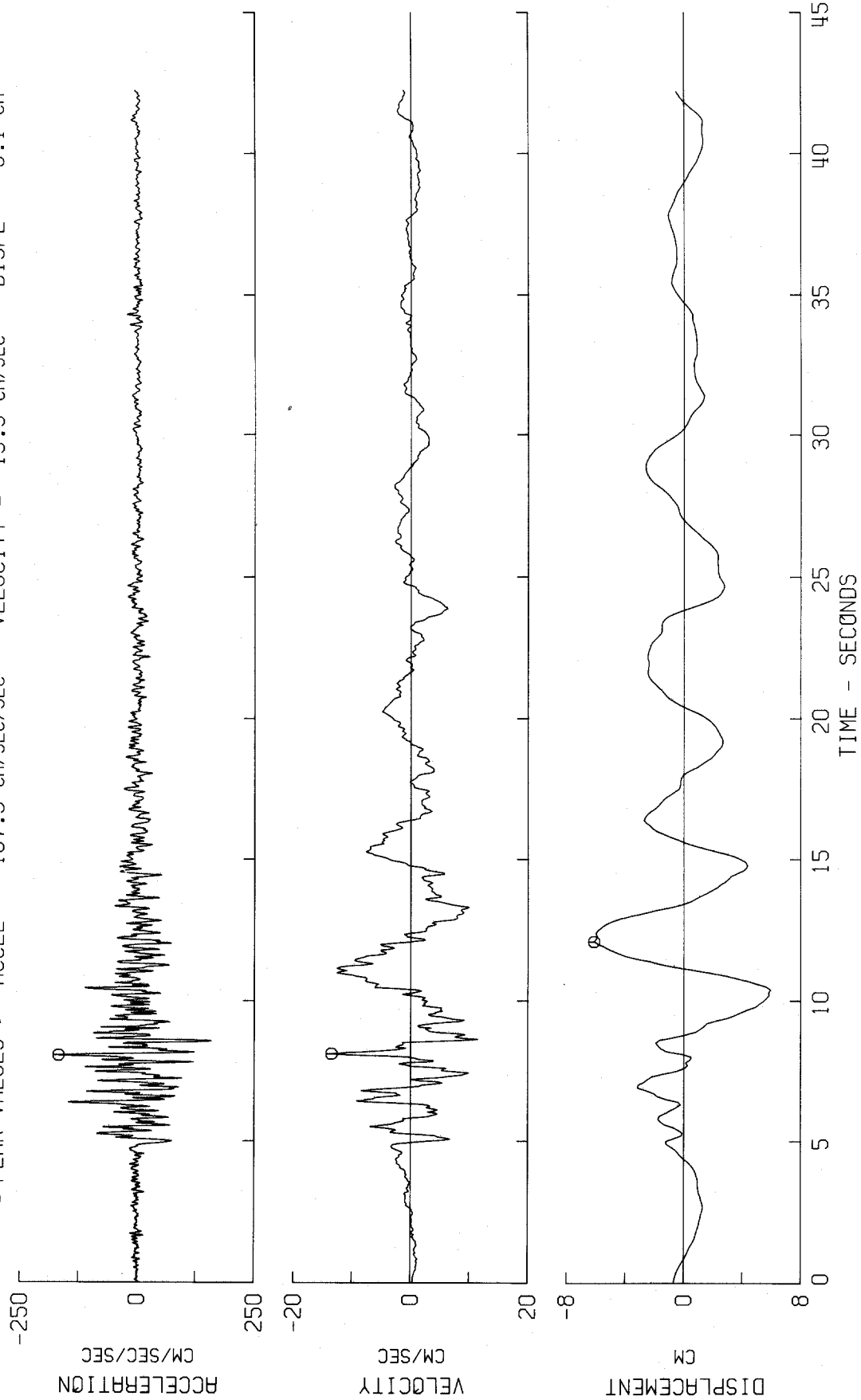
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11Q235 71.164.0 14724 VENTURA BOULEVARD, PENTHOUSE, LOS ANGELES, CAL. COMP N78W
Ø PEAK VALUES : ACCEL = -249.7 CM/SEC/SEC VELOCITY = -37.2 CM/SEC DISPL = 9.8 CM



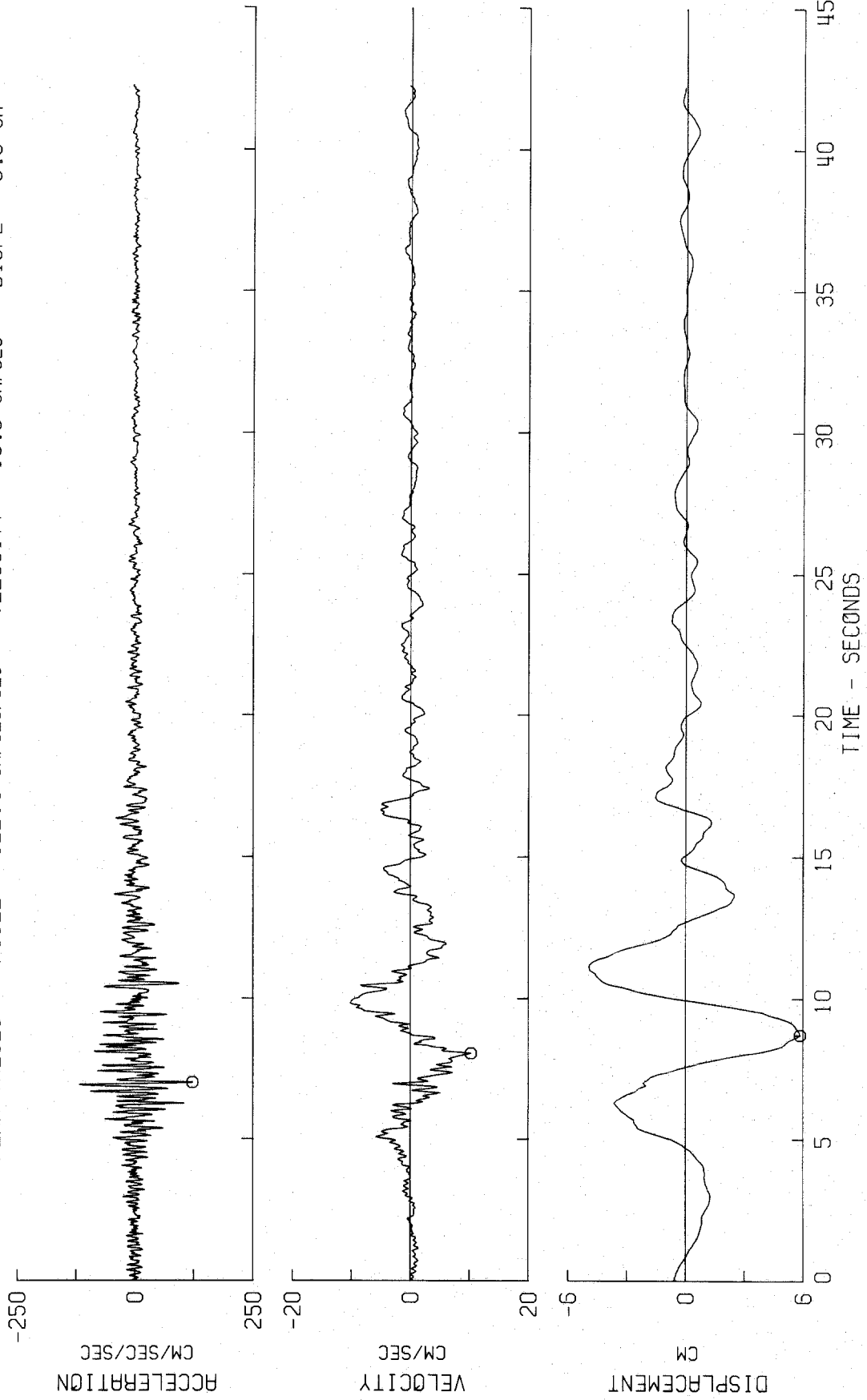
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ235 71.164.0 14724 VENTURA BOULEVARD, PENTHOUSE, LOS ANGELES, CAL. COMP UP
Ø PEAK VALUES : ACCEL = -158.8 CM/SEC/SEC VELOCITY = -14.5 CM/SEC DISPL = -7.3 CM



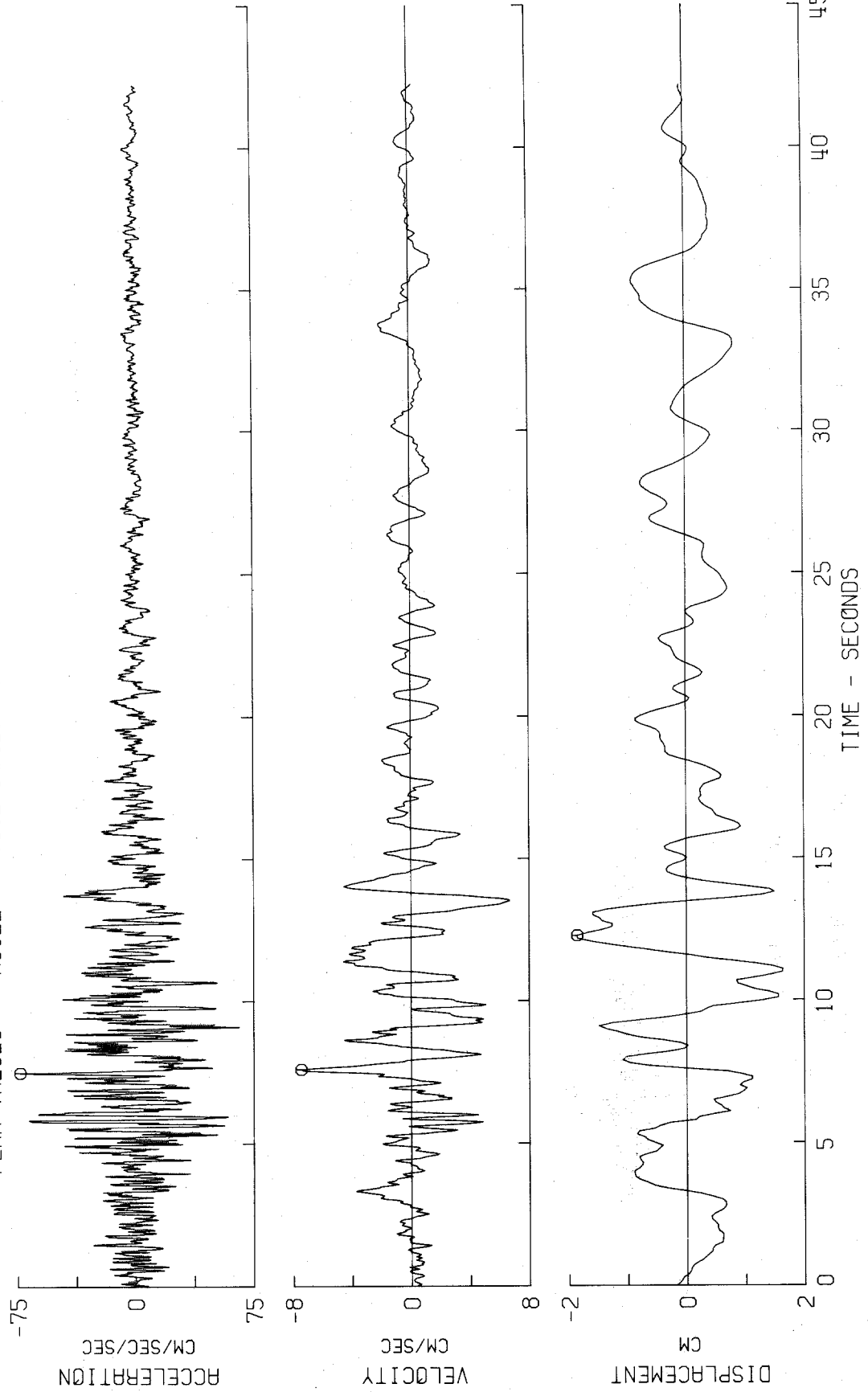
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ236 71.165.0 1760 N. ORCHID AVENUE, GND FLOOR, HOLLYWOOD, CAL. COMP EAST
PEAK VALUES : ACCEL = -167.3 CM/SEC/SEC VELOCITY = -13.5 CM/SEC DISPL = -6.1 CM



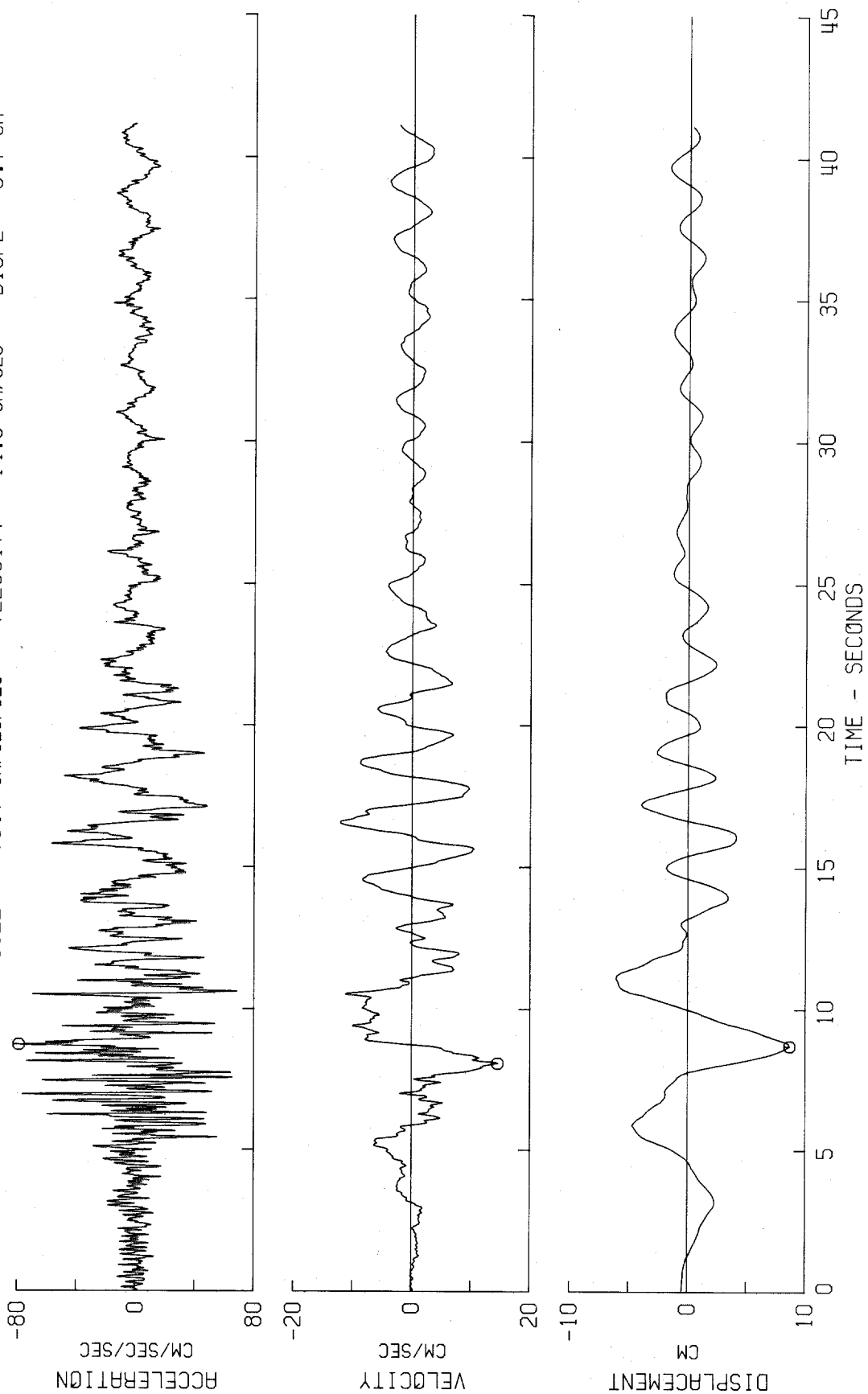
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ236 71.165.0 1760 N. ORCHID AVENUE, GND FLOOR, HOLLYWOOD, CAL. COMP SOUTH
O PEAK VALUES : ACCEL = 122.4 CM/SEC/SEC VELOCITY = 10.3 CM/SEC DISPL = 5.9 CM



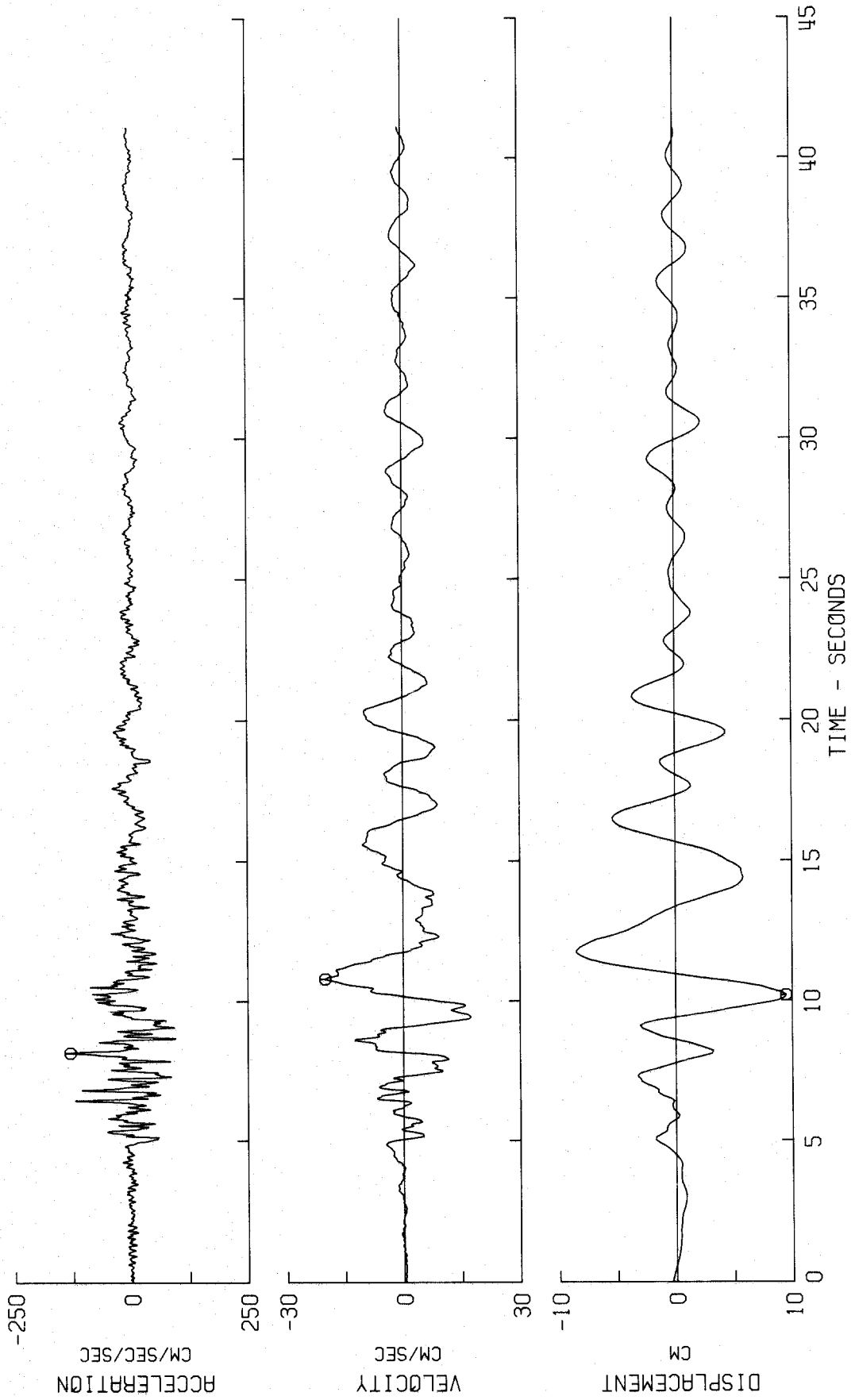
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ236 71.165.0 1760 N. ORCHID AVENUE, GND FLOOR, HOLLYWOOD, CAL. COMP UP
⊙ PEAK VALUES : ACCEL = -73.2 CM/SEC/SEC VELOCITY = -7.5 CM/SEC DISPL = -1.9 CM



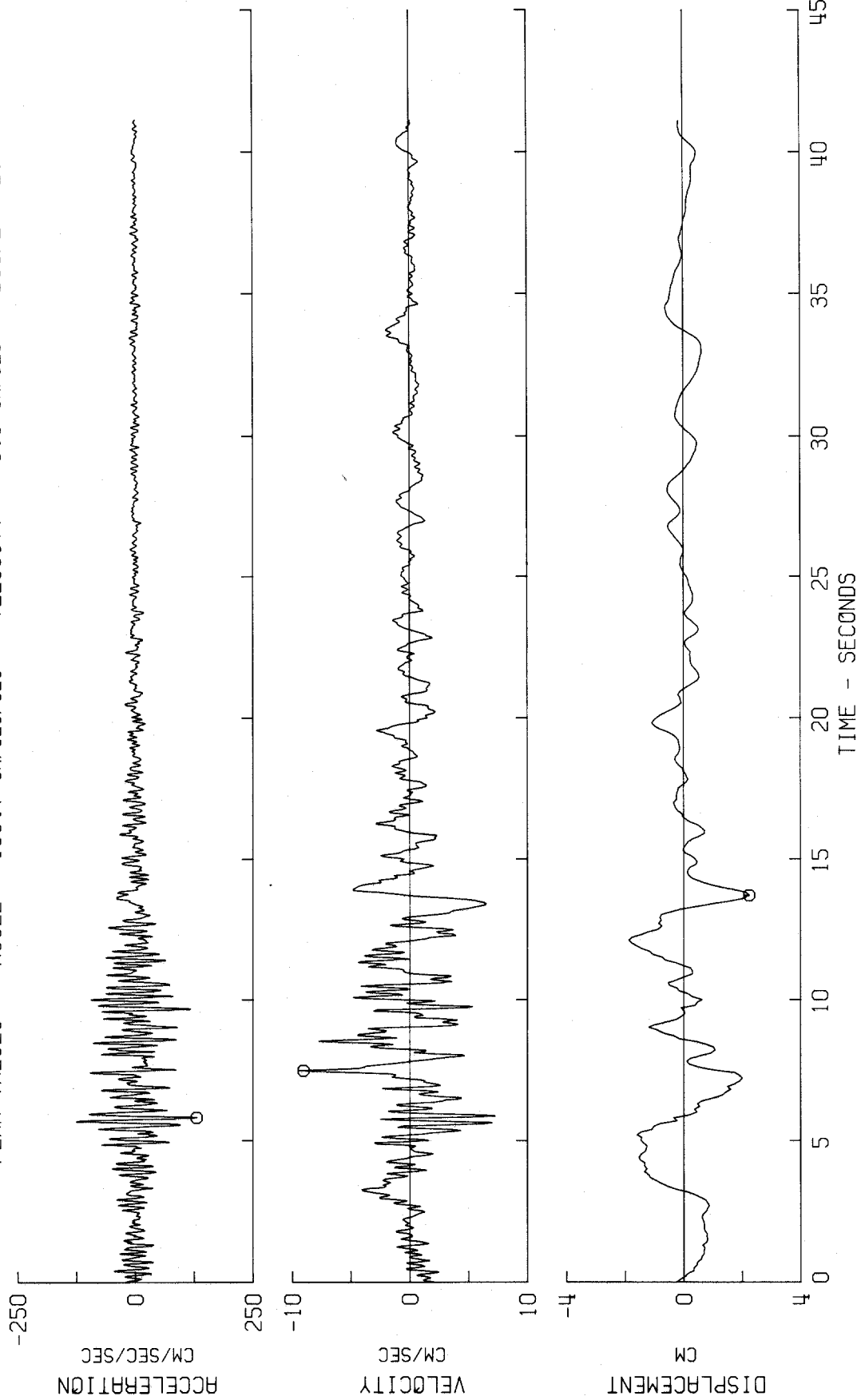
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 II0237 71.166.0 1760 N. ORCHID AVENUE, 12TH FLOOR, HOLLYWOOD, CAL. COMP SOUTH
 O PEAK VALUES : ACCEL = -78.7 CM/SEC/SEC VELOCITY = 14.6 CM/SEC DISPL = 8.7 CM



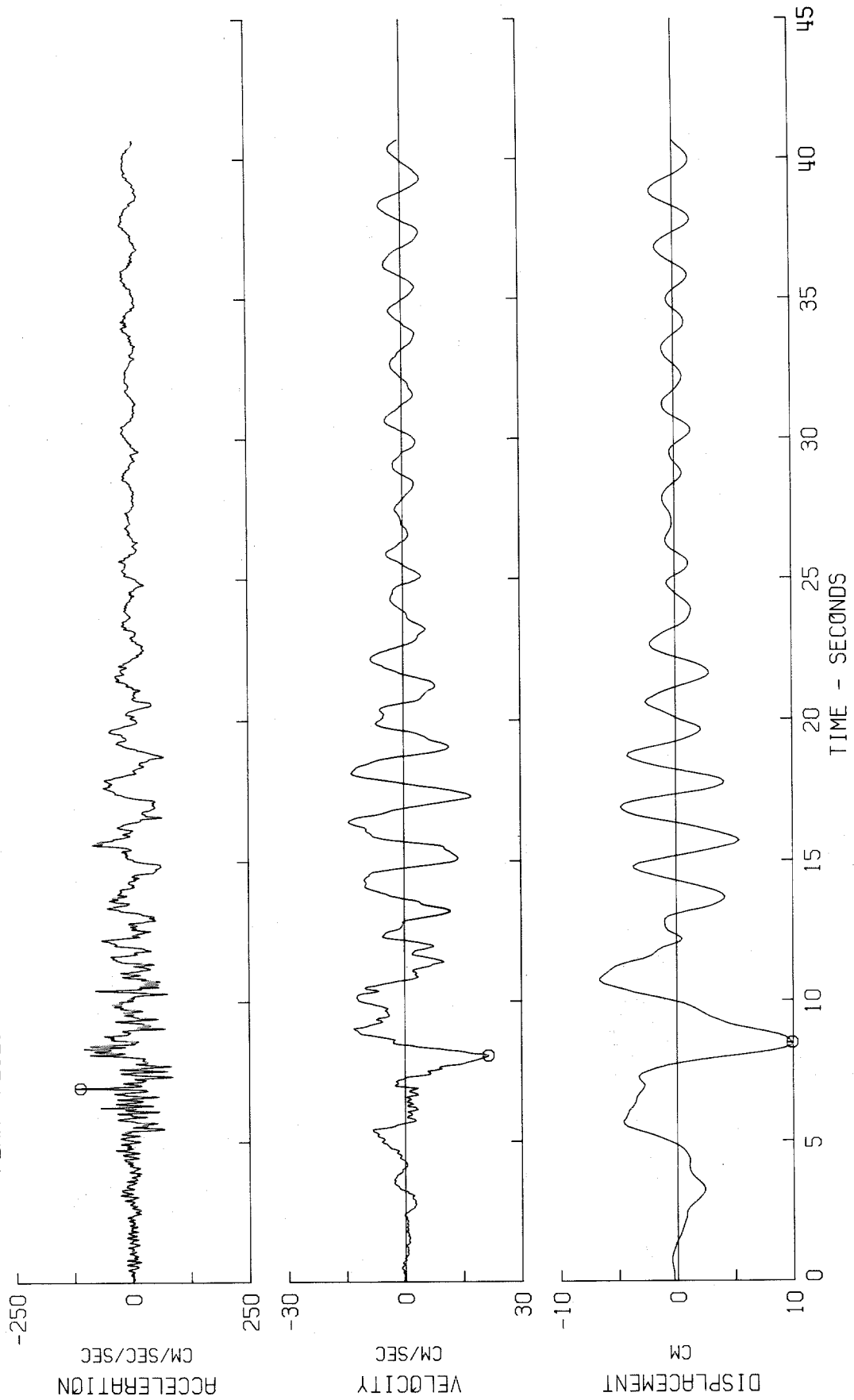
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110237 71.166.0 1760 N. ORCHID AVENUE, 12TH FLOOR, HOLLYWOOD, CAL. COMP EAST
PEAK VALUES : ACCEL = -130.4 CM/SEC/SEC VELOCITY = -20.0 CM/SEC DISPL = 9.5 CM



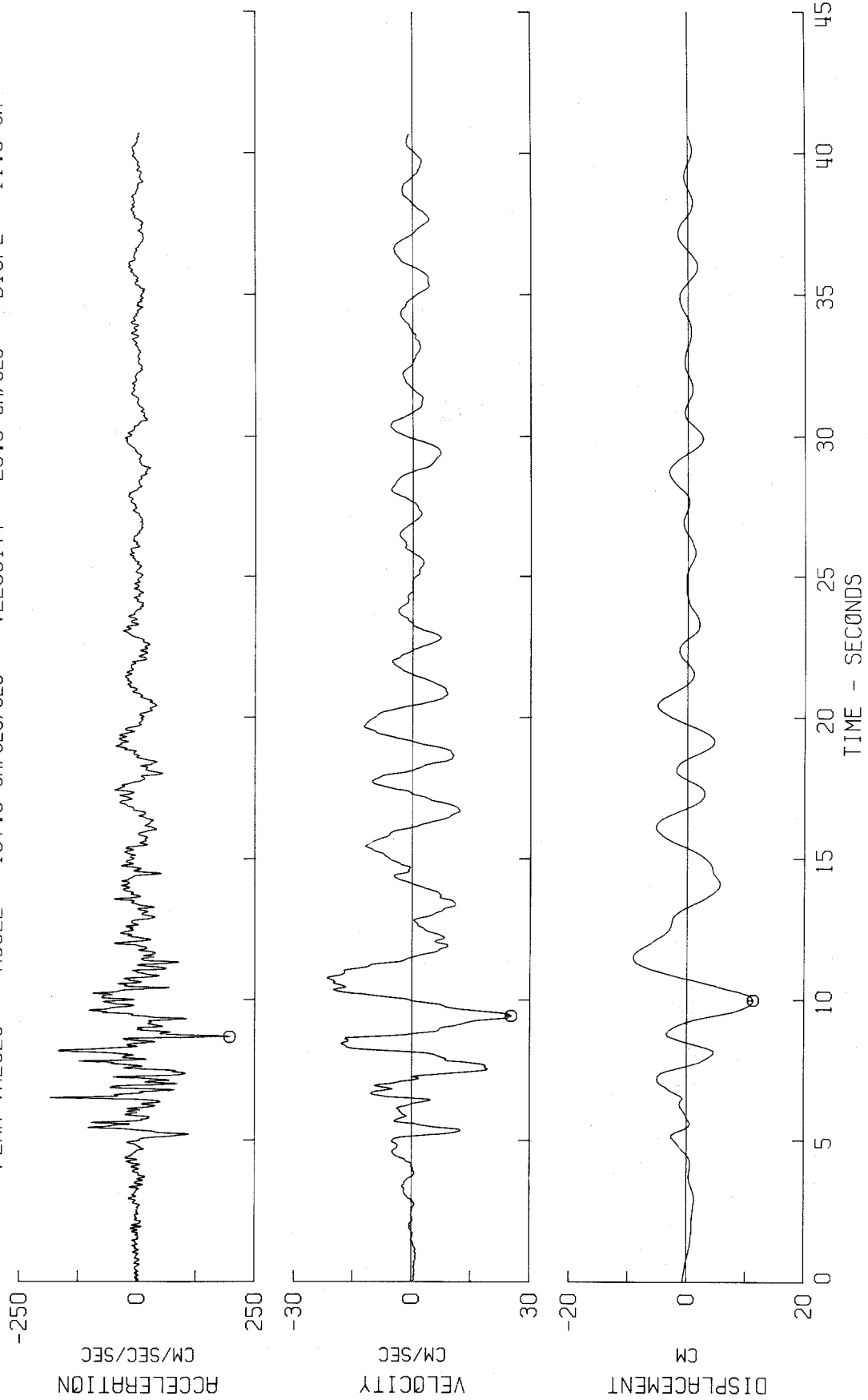
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ237 71.166.0 1760 N. ORCHID AVENUE, 12TH FLOOR, HOLLYWOOD, CAL. COMP UP
PEAK VALUES : ACCEL = 130.7 CM/SEC/SEC VELOCITY = -9.0 CM/SEC DISPL = 2.2 CM



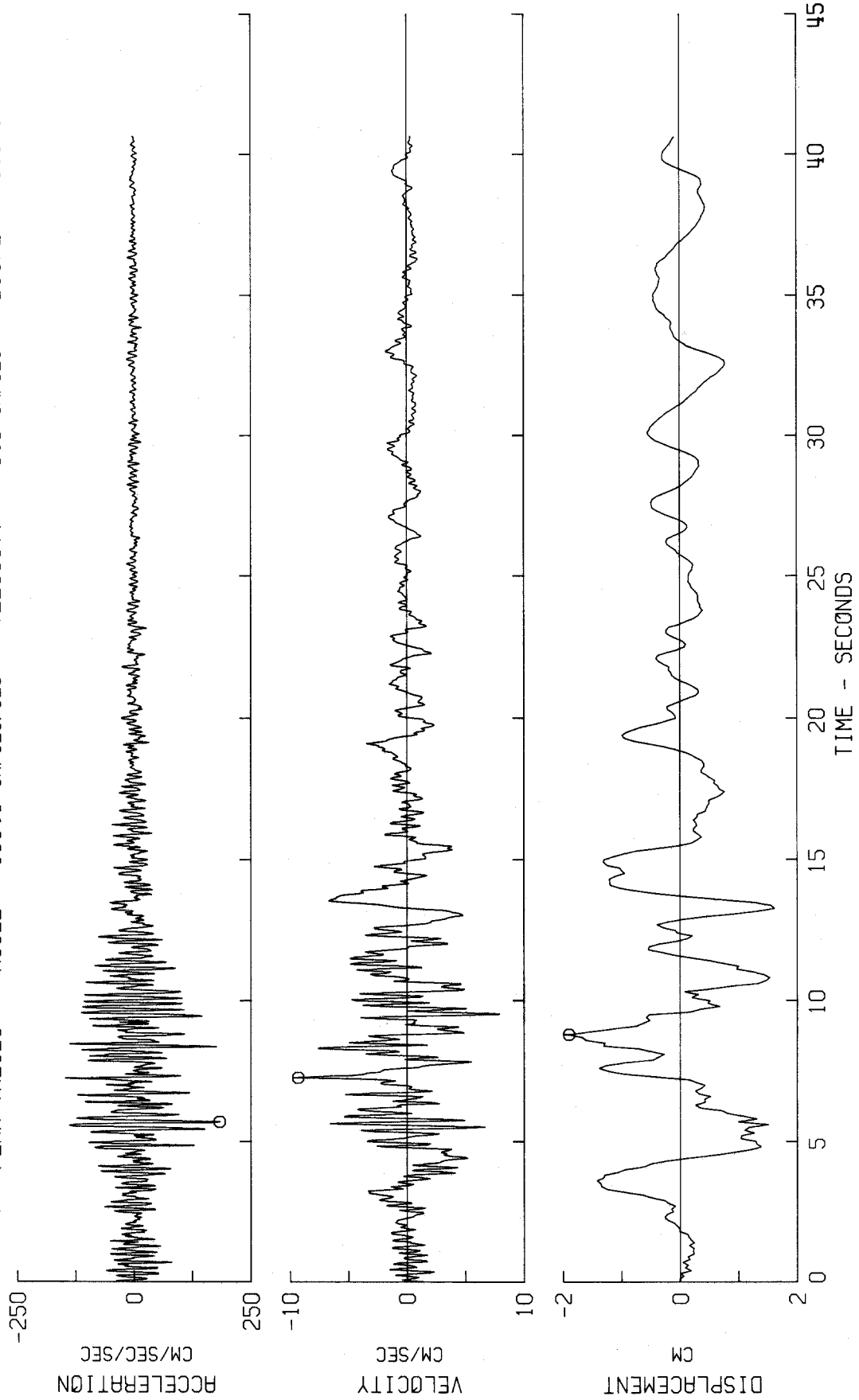
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110238 71.167.0 1760 N. ORCHID AVENUE, 23RD FLOOR, HOLLYWOOD, CAL. COMP SOUTH
PEAK VALUES: ACCEL = -111.7 CM/SEC/SEC VELOCITY = 21.5 CM/SEC DISPL = 9.9 CM



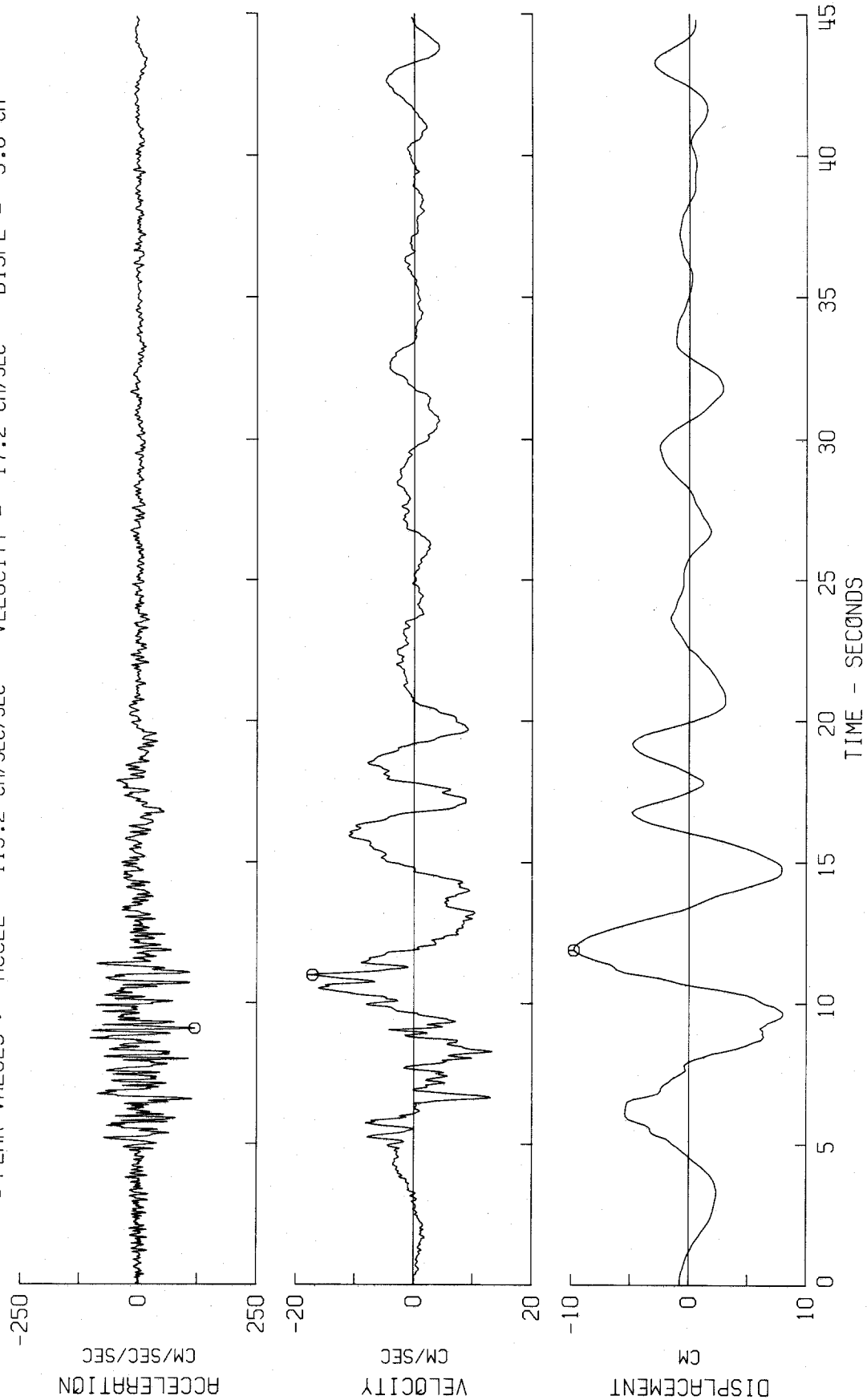
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ238 71.167.0 1760 N. ORCHID AVENUE, 23RD FLOOR, HOLLYWOOD, CAL. COMP EAST
PEAK VALUES: ACCEL = 197.3 CM/SEC/SEC VELOCITY = 25.3 CM/SEC DISPL = 11.3 CM



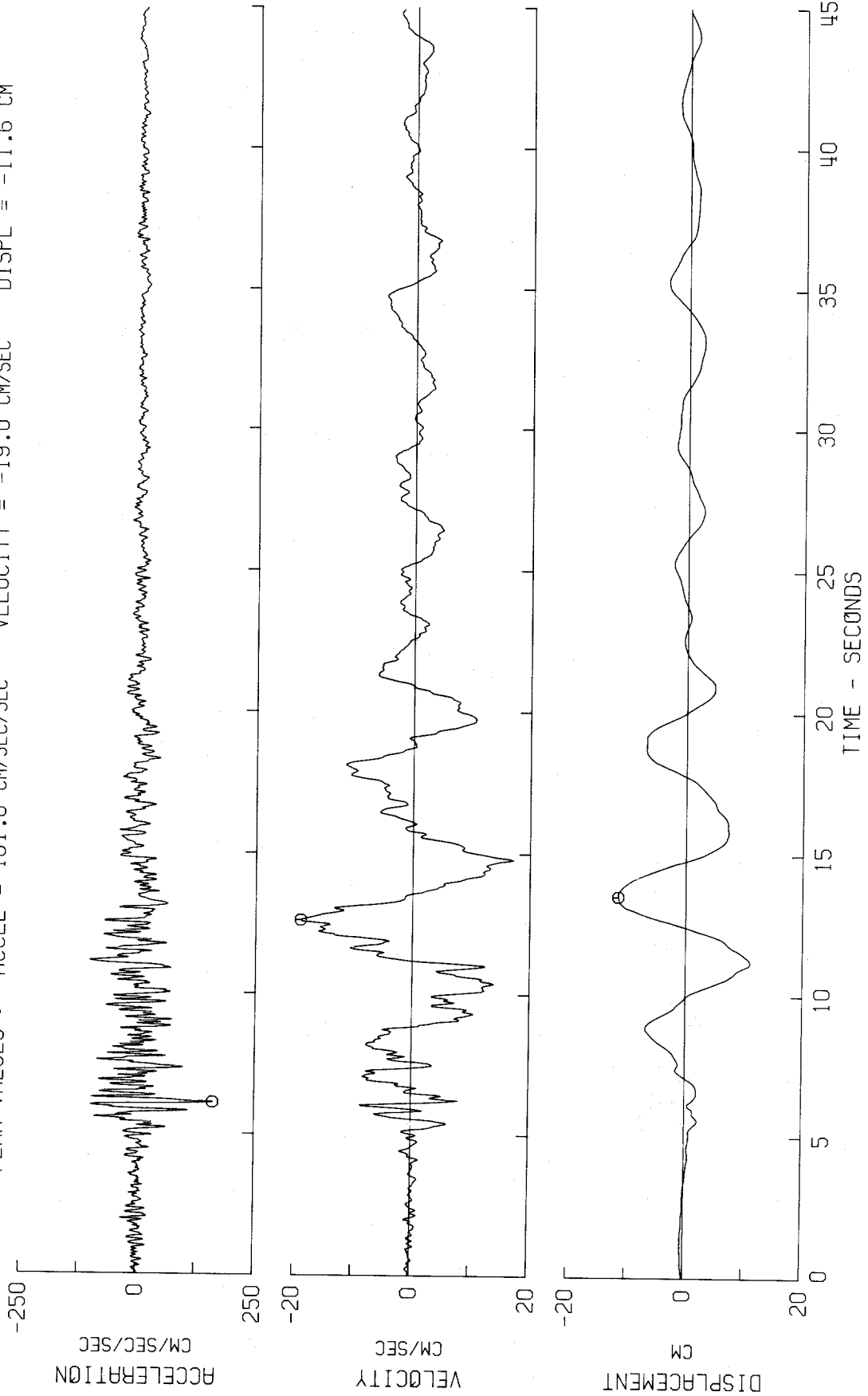
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ238 71.167.0 1760 N. ORCHID AVENUE, 23RD FLOOR, HOLLYWOOD, CAL. COMP UP
PEAK VALUES : ACCEL = 183.9 CM/SEC/SEC VELOCITY = -9.3 CM/SEC DISPL = -1.9 CM



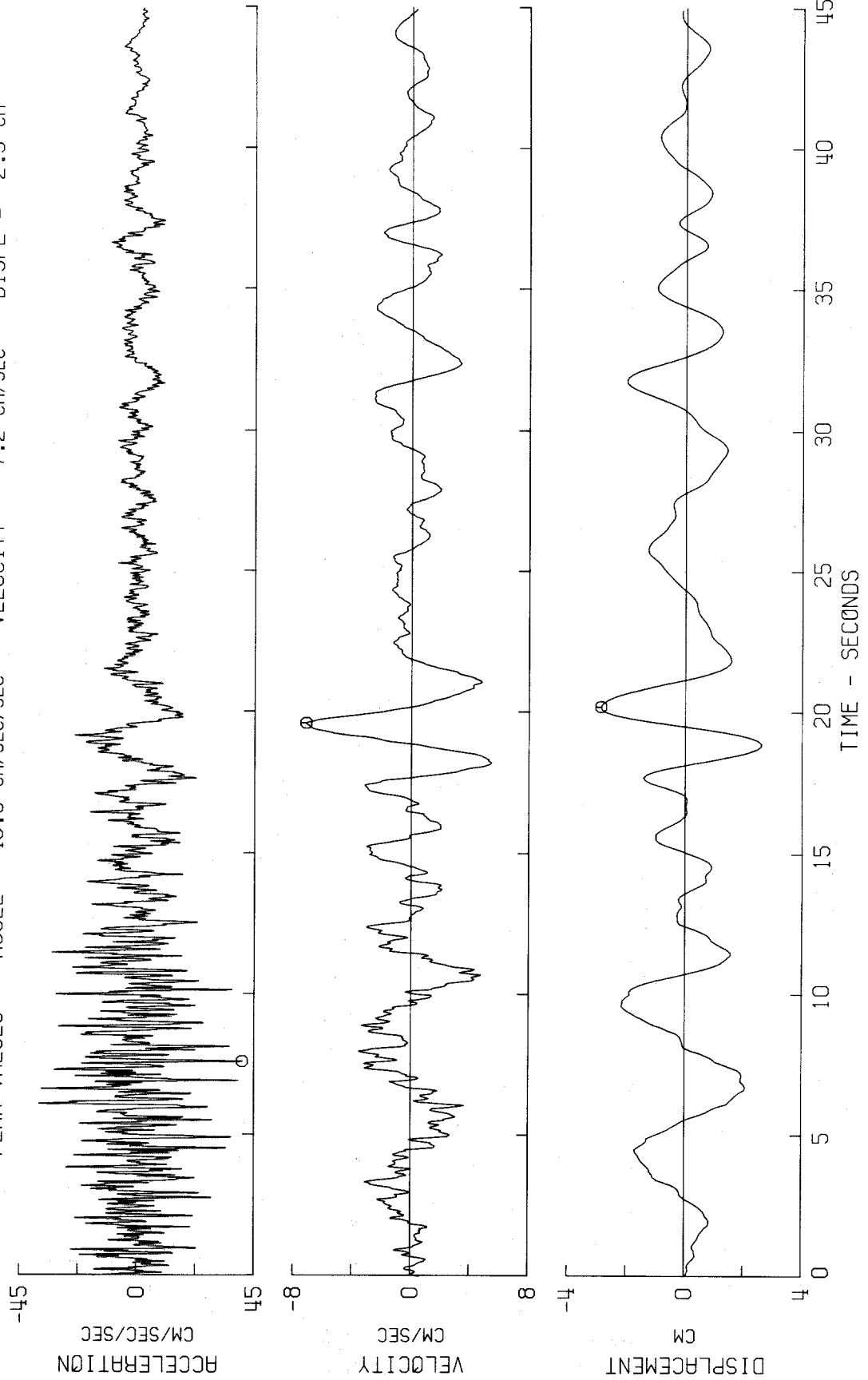
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ239 71.168.0 9100 WILSHIRE BOULEVARD, BASEMENT, BEVERLY HILLS, CAL. COMP SOUTH
O PEAK VALUES : ACCEL = 119.2 CM/SEC/SEC VELOCITY = -17.2 CM/SEC DISPL = -9.8 CM



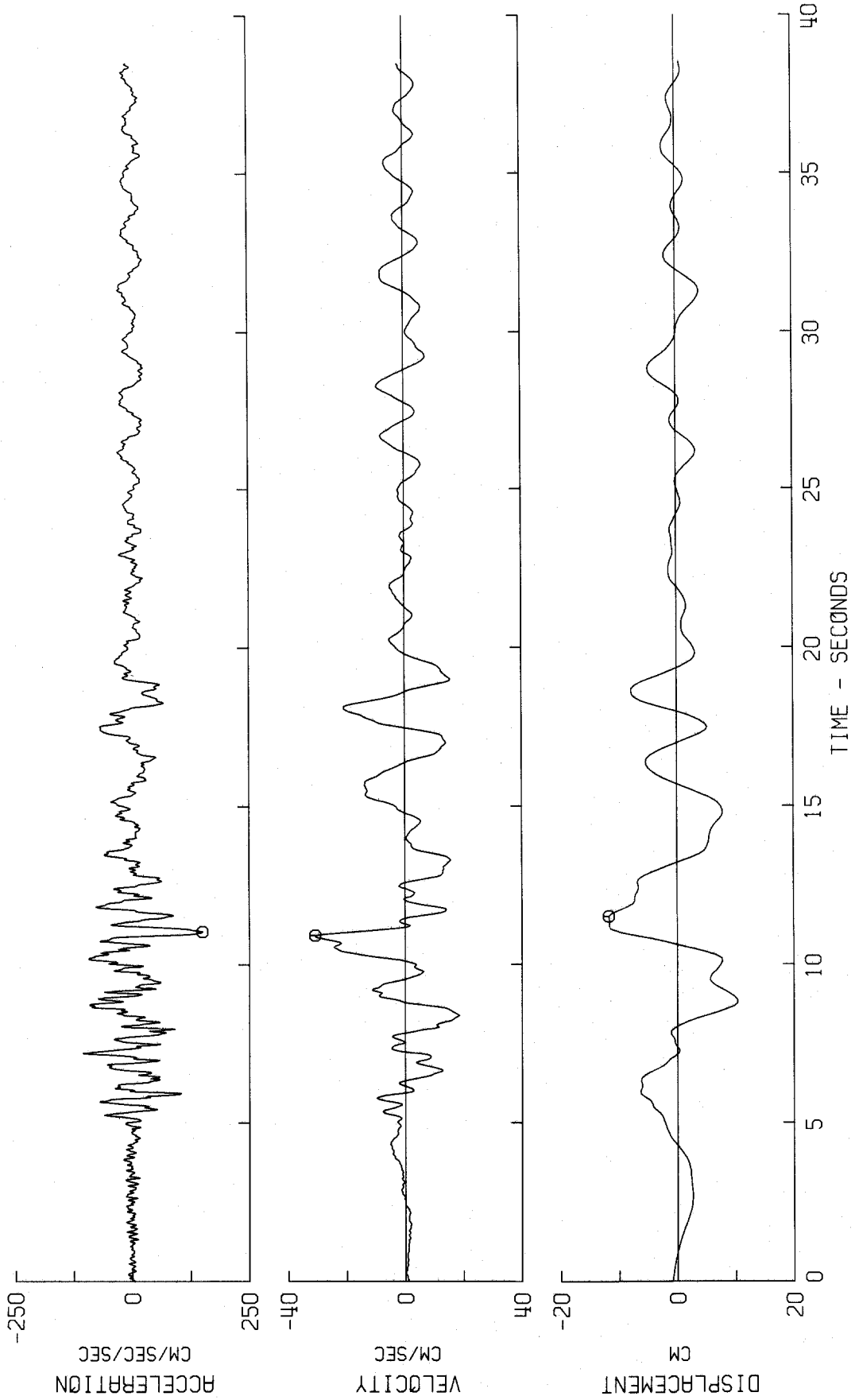
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110239 71.168.0 9100 WILSHIRE BOULEVARD, BASEMENT, BEVERLY HILLS, CAL. COMP EAST
O PEAK VALUES : ACCEL = 161.8 CM/SEC/SEC VELOCITY = -19.0 CM/SEC DISPL = -11.6 CM



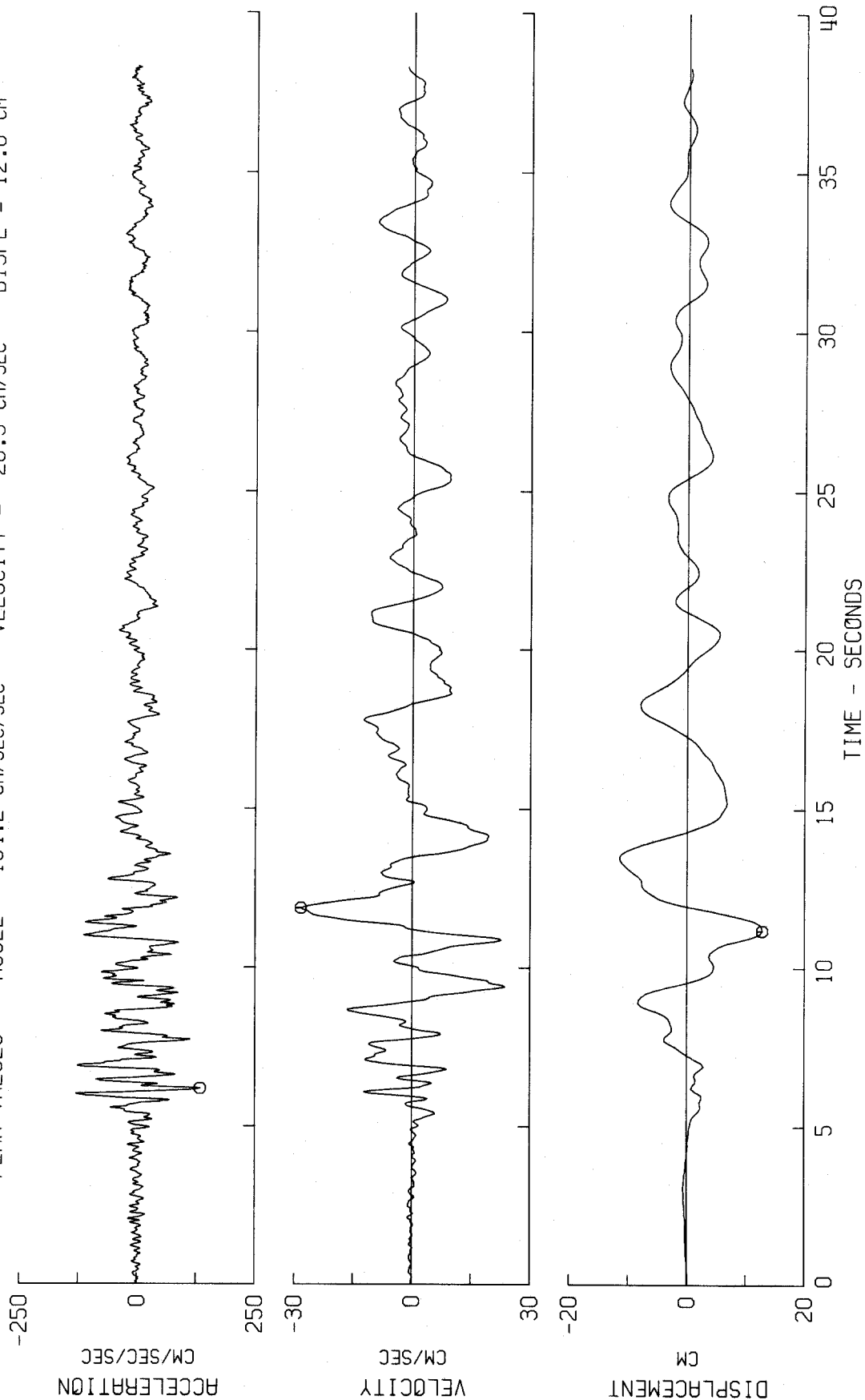
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110239 71.168.0 9100 WILSHIRE BOULEVARD, BASEMENT, BEVERLY HILLS, CAL. COMP UP
⊙ PEAK VALUES : ACCEL = 40.5 CM/SEC/SEC VELOCITY = -7.2 CM/SEC DISPL = -2.9 CM



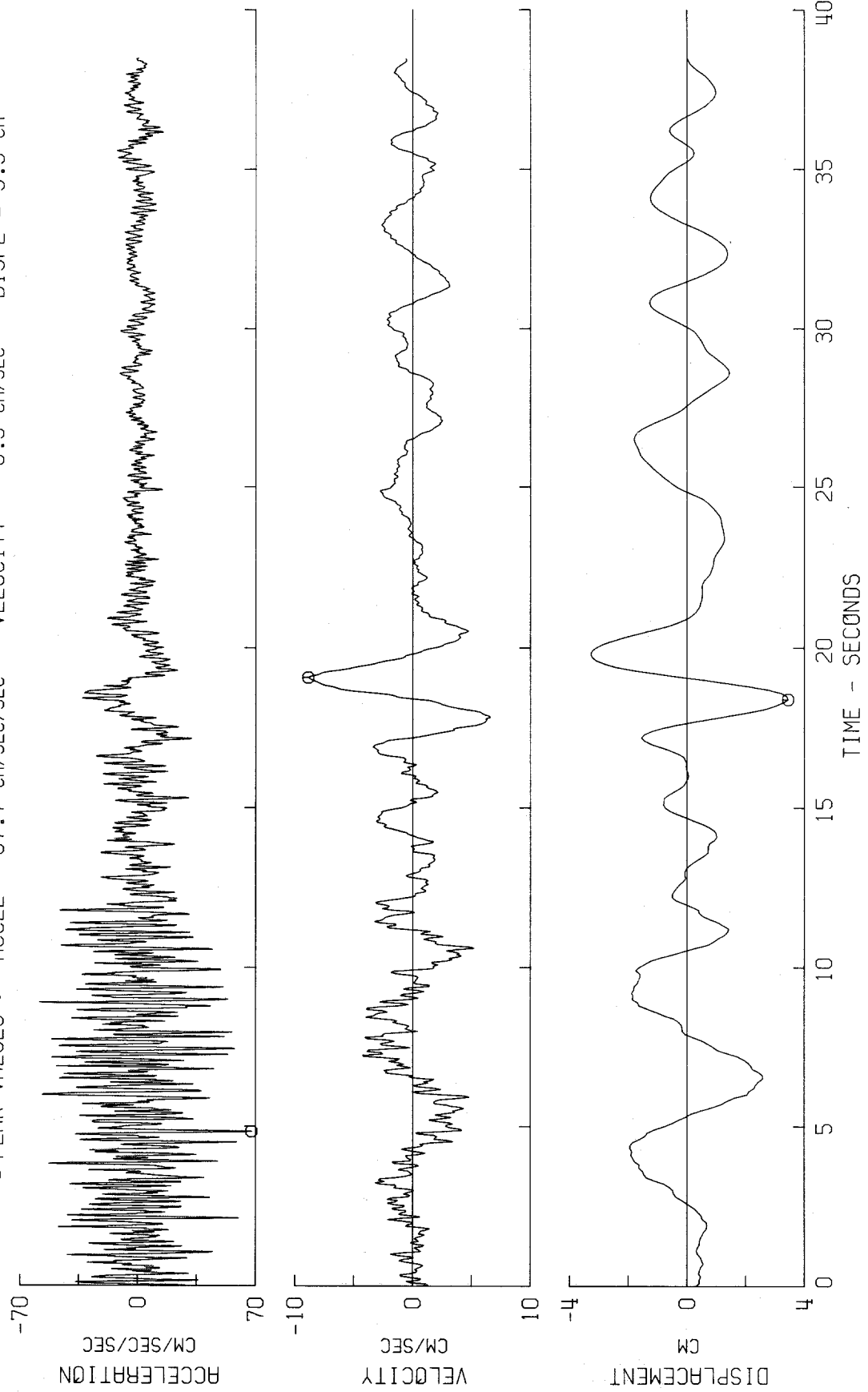
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110240 71.169.0 9100 WILSHIRE BOULEVARD, 5TH FLOOR, BEVERLY HILLS, CAL. COMP SOUTH
O PEAK VALUES : ACCEL = 150.5 CM/SEC/SEC VELOCITY = -30.8 CM/SEC DISPL = -11.7 CM



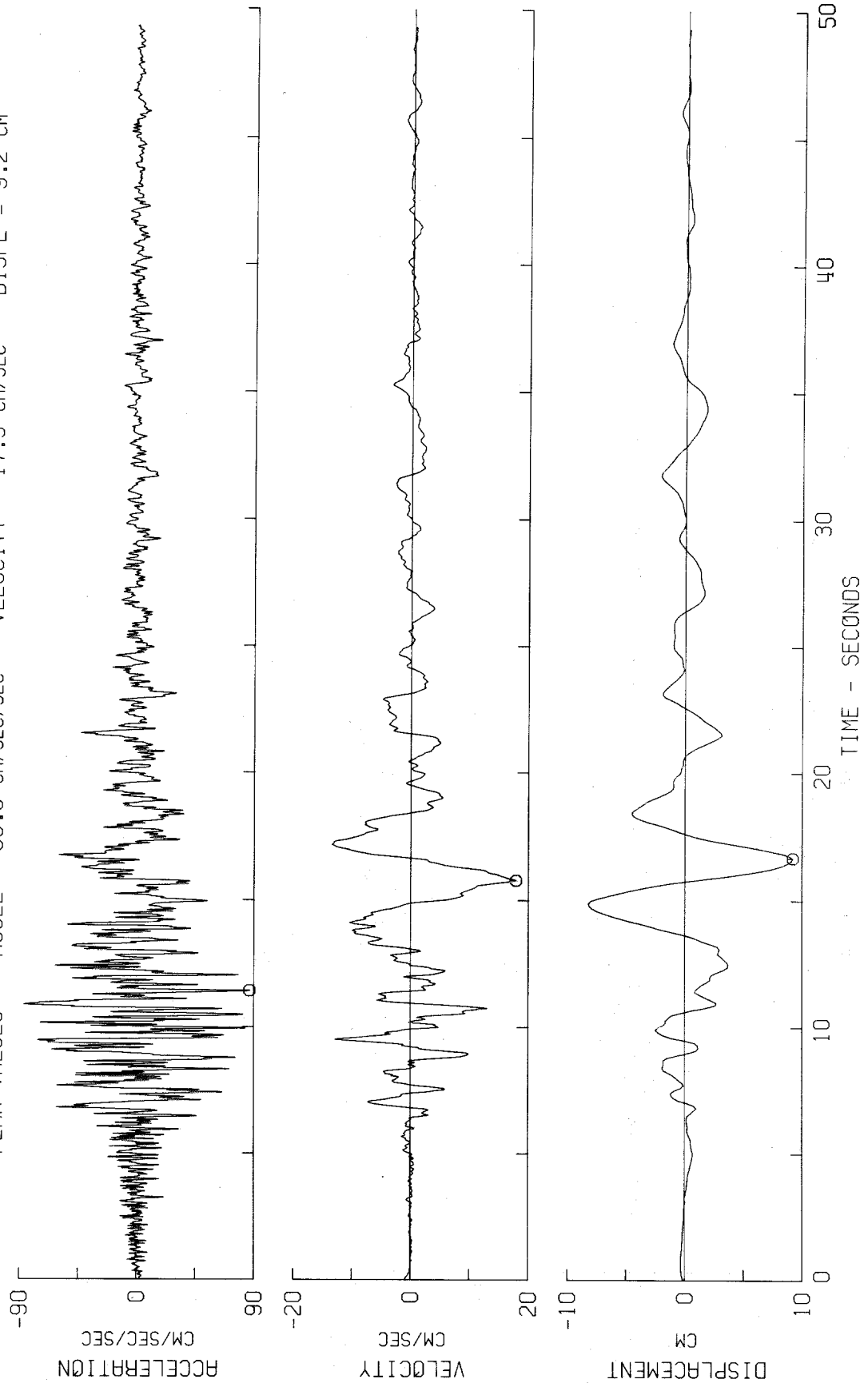
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110240 71.169.0 9100 WILSHIRE BOULEVARD, 5TH FLOOR, BEVERLY HILLS, CAL. COMP EAST
O PEAK VALUES : ACCEL = 134.2 CM/SEC/SEC VELOCITY = -28.3 CM/SEC DISPL = 12.8 CM



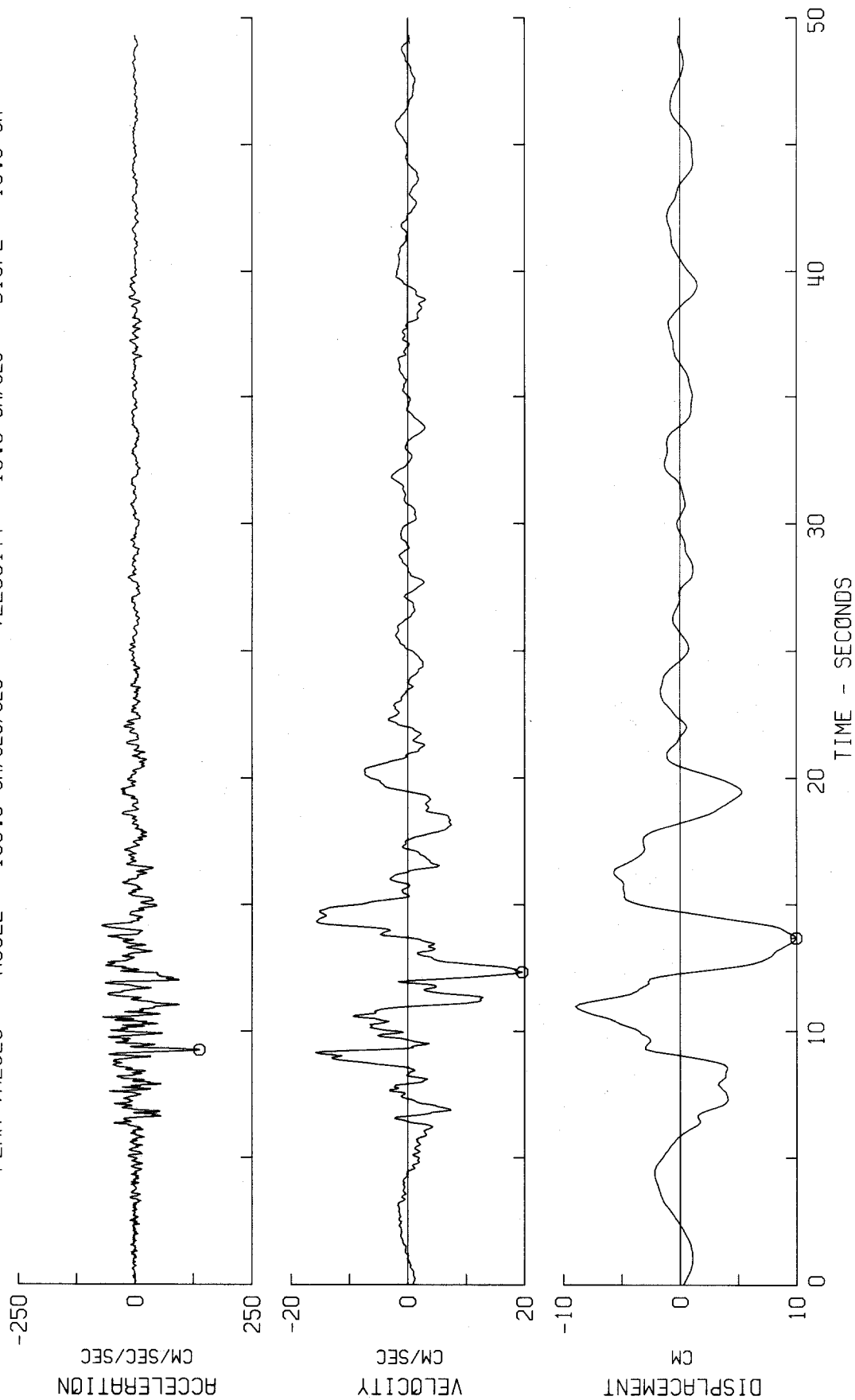
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II0240 71.169.0 9100 WILSHIRE BOULEVARD, 5TH FLOOR, BEVERLY HILLS, CAL. COMP UP
⊙ PEAK VALUES : ACCEL = 67.7 CM/SEC/SEC VELOCITY = -8.9 CM/SEC DISPL = 3.5 CM



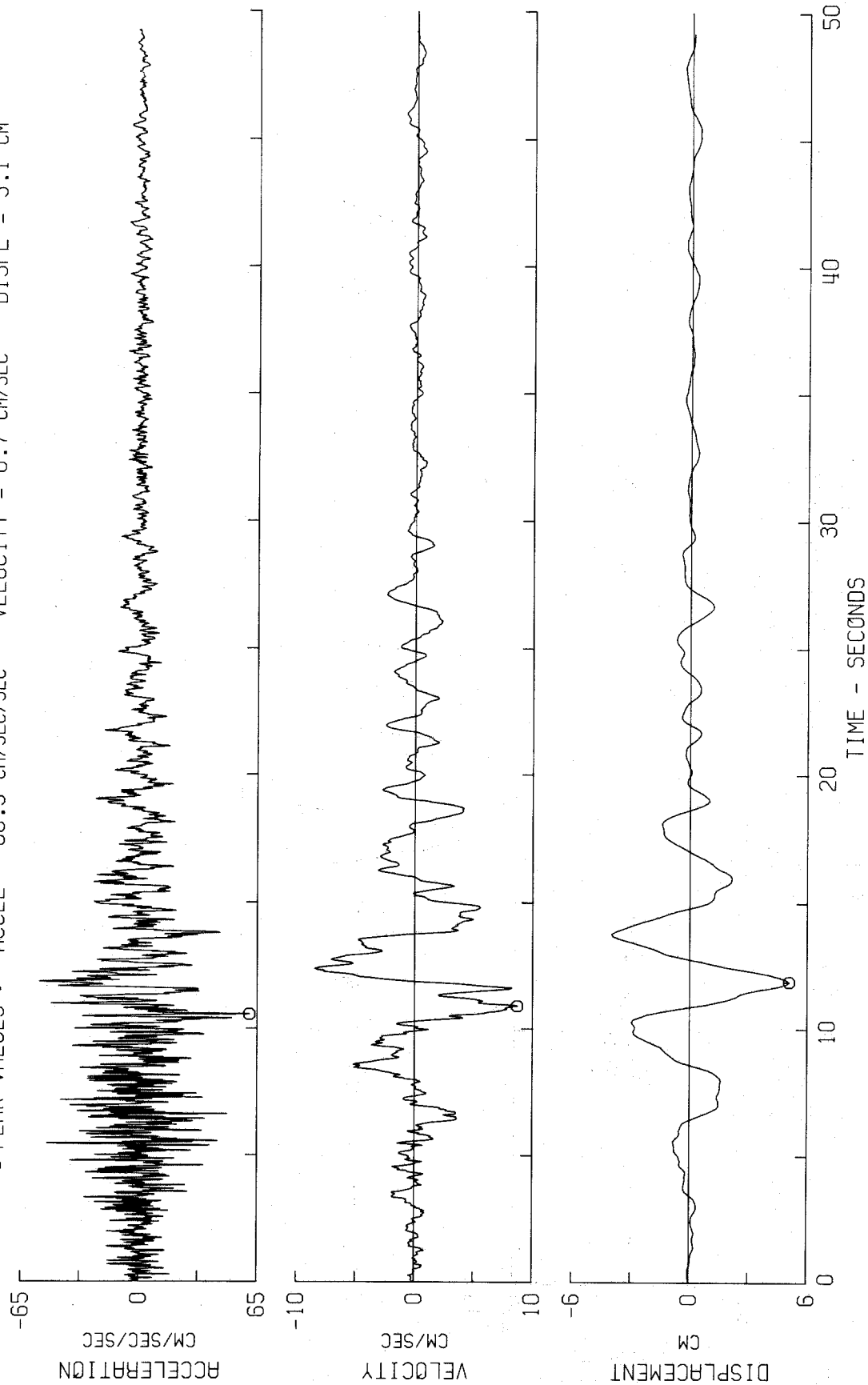
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11Q241 71.170.0 800 W. FIRST STREET, 1ST FLOOR, LOS ANGELES, CAL. COMP N37E
PEAK VALUES : ACCEL = 86.8 CM/SEC/SEC VELOCITY = 17.9 CM/SEC DISPL = 9.2 CM



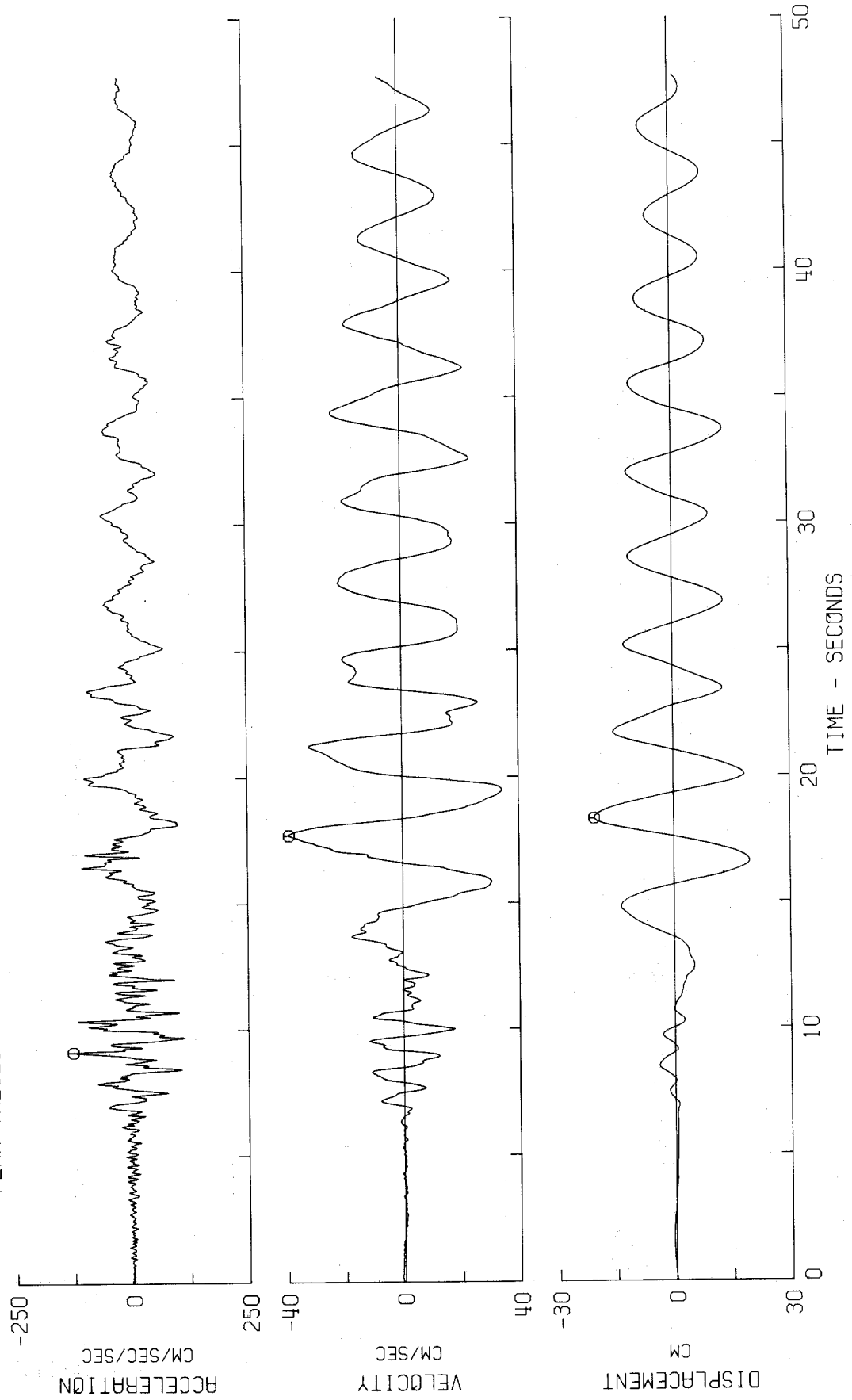
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 110241 71.170.0 800 W. FIRST STREET, 1ST FLOOR, LOS ANGELES, CAL. COMP N53W
 ○ PEAK VALUES : ACCEL = 138.0 CM/SEC/SEC VELOCITY = 19.6 CM/SEC DISPL = 10.0 CM



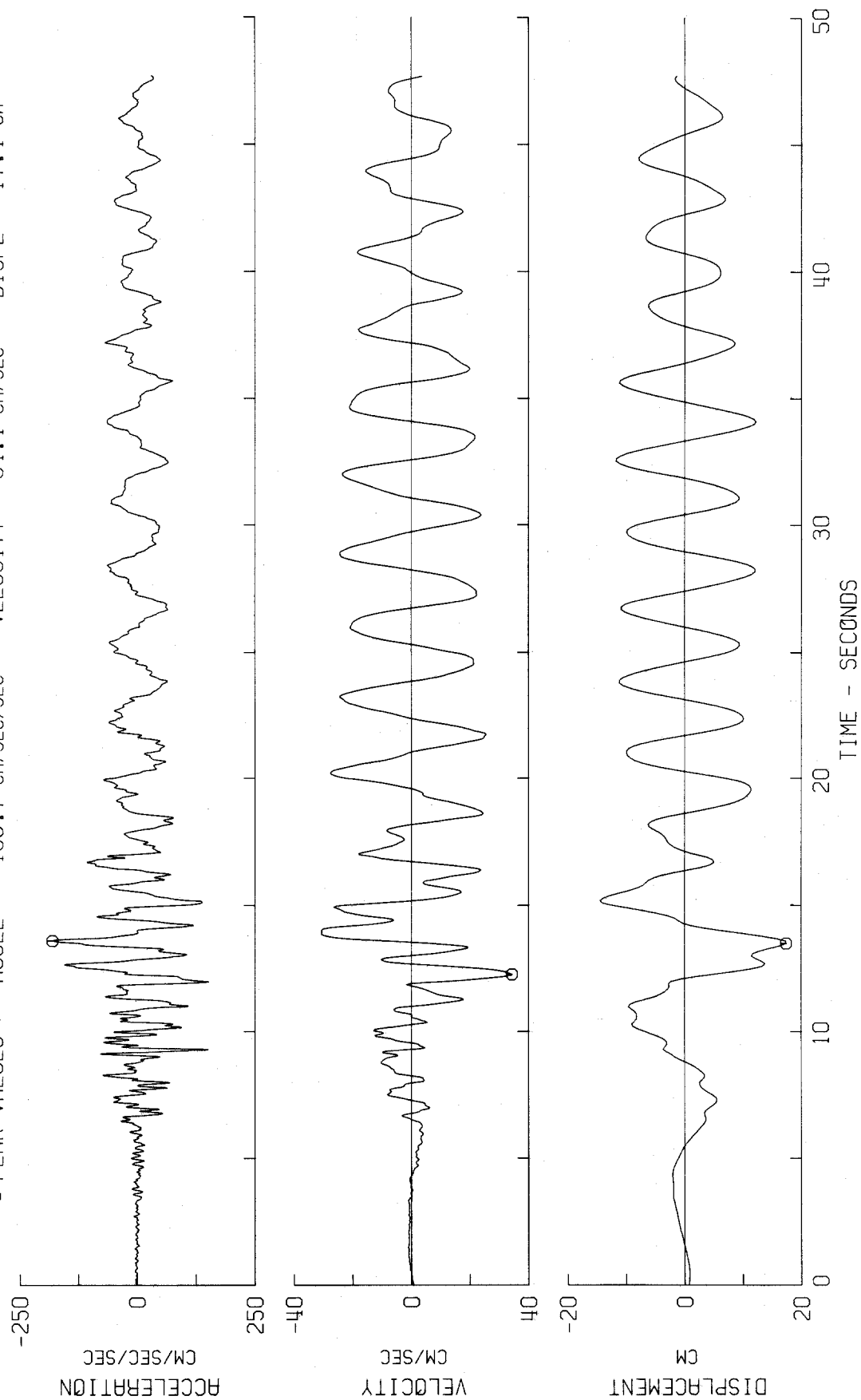
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ241 71.170.0 800 W. FIRST STREET, 1ST FLOOR, LOS ANGELES, CAL. COMP UP
O PEAK VALUES : ACCEL = 60.9 CM/SEC/SEC VELOCITY = 8.7 CM/SEC DISPL = 5.1 CM



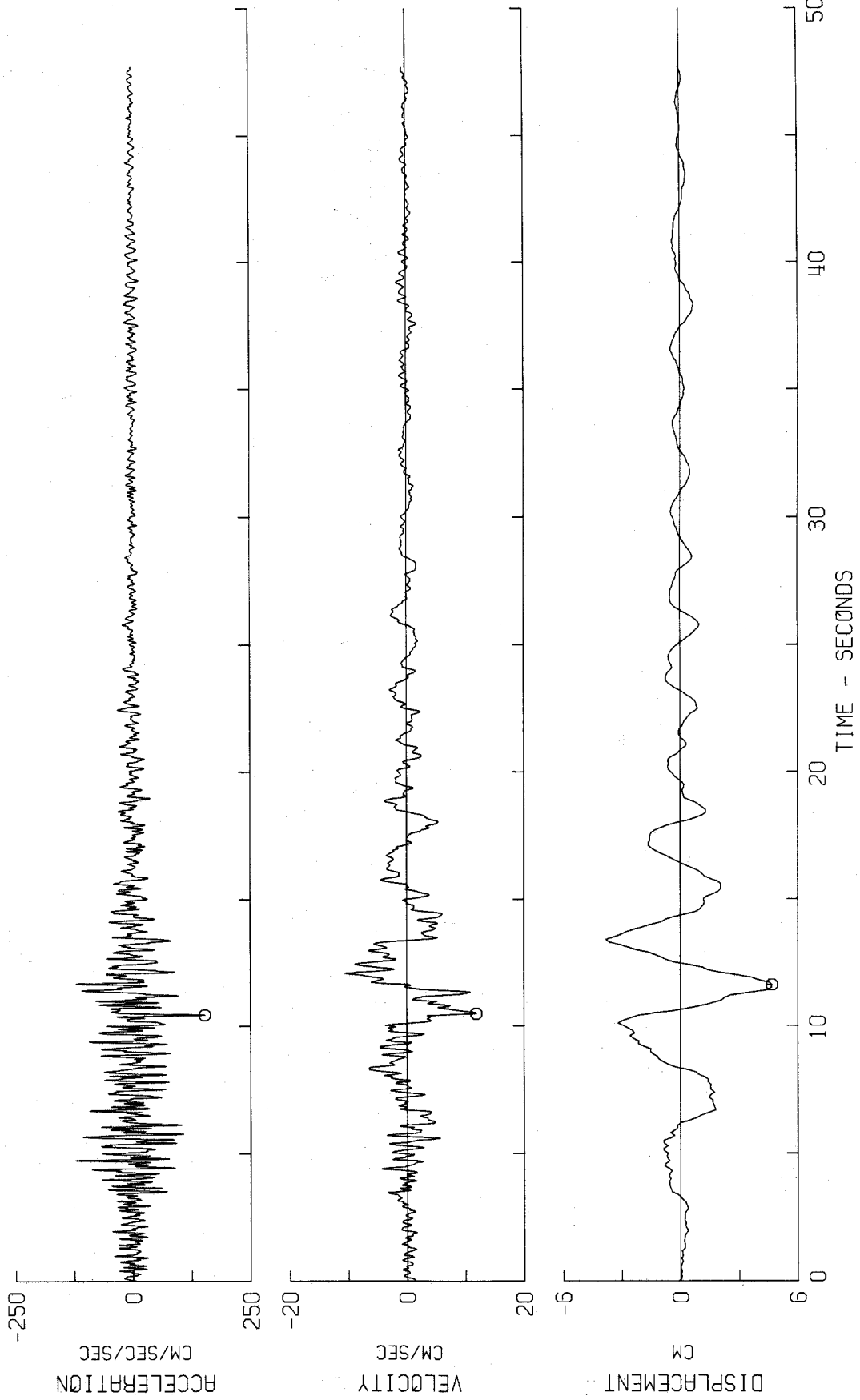
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110242 71.171.0 800 W. FIRST STREET, 16TH FLOOR, LOS ANGELES, CAL. COMP N37E
PEAK VALUES: ACCEL = -126.2 CM/SEC/SEC VELOCITY = -39.0 CM/SEC DISPL = -20.5 CM



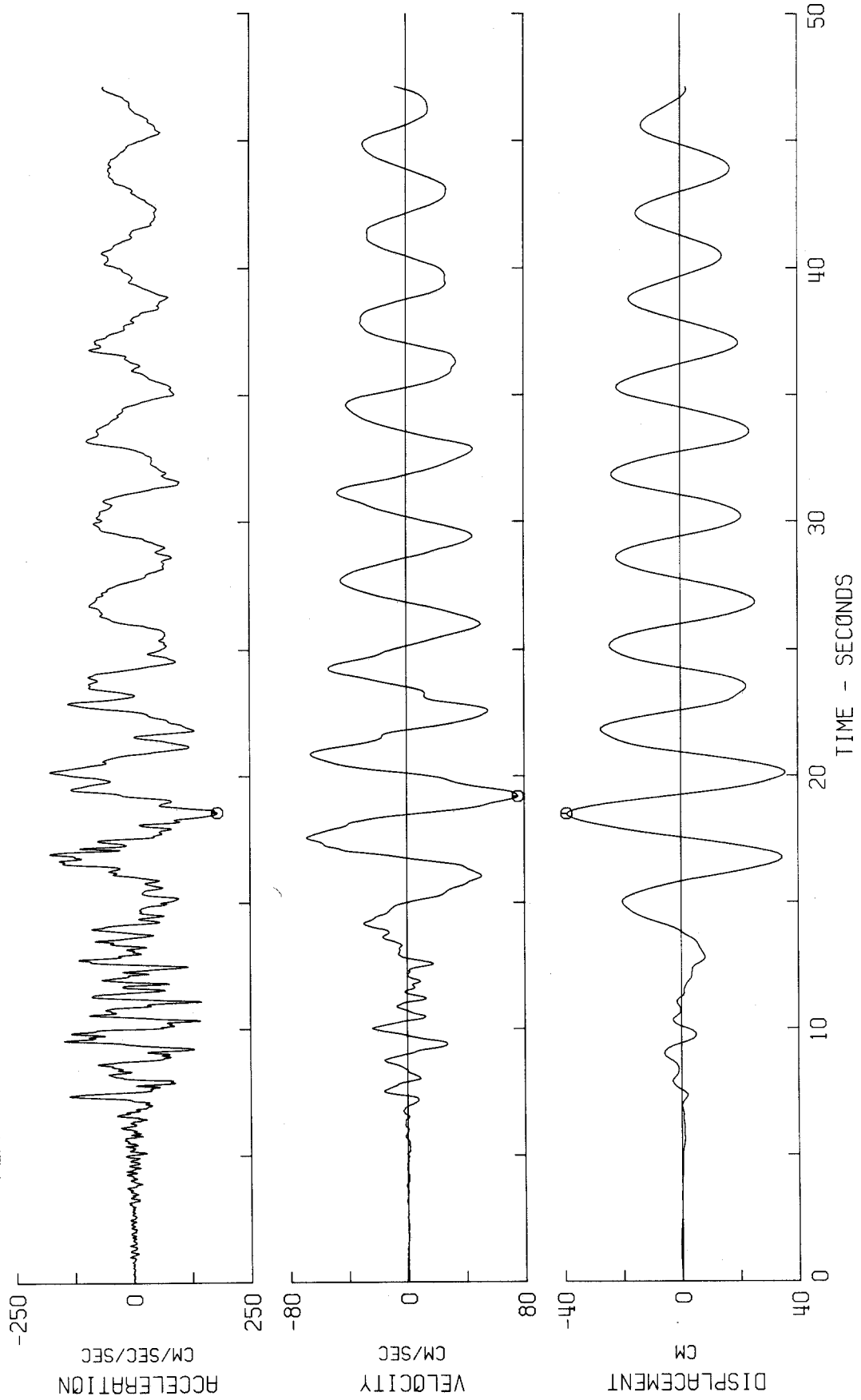
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ242 71.171.0 800 W. FIRST STREET, 16TH FLOOR, LOS ANGELES, CAL. COMP N53W
PEAK VALUES : ACCEL = -180.7 CM/SEC/SEC VELOCITY = 34.4 CM/SEC DISPL = 17.4 CM



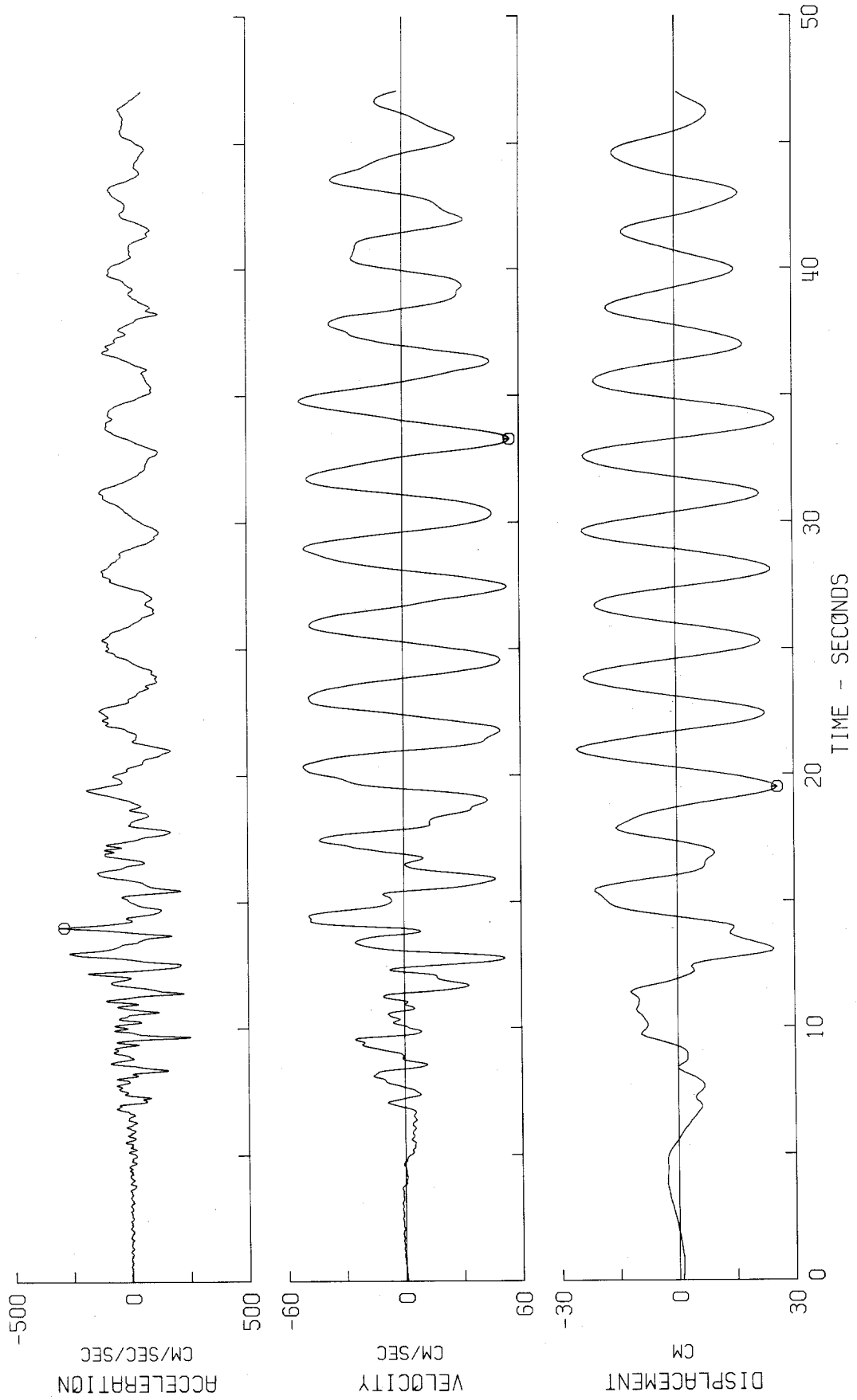
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIQ242 71.171.0 800 W. FIRST STREET, 16TH FLOOR, LOS ANGELES, CAL. COMP UP
○ PEAK VALUES : ACCEL = 153.5 CM/SEC/SEC VELOCITY = 11.8 CM/SEC DISPL = 4.7 CM



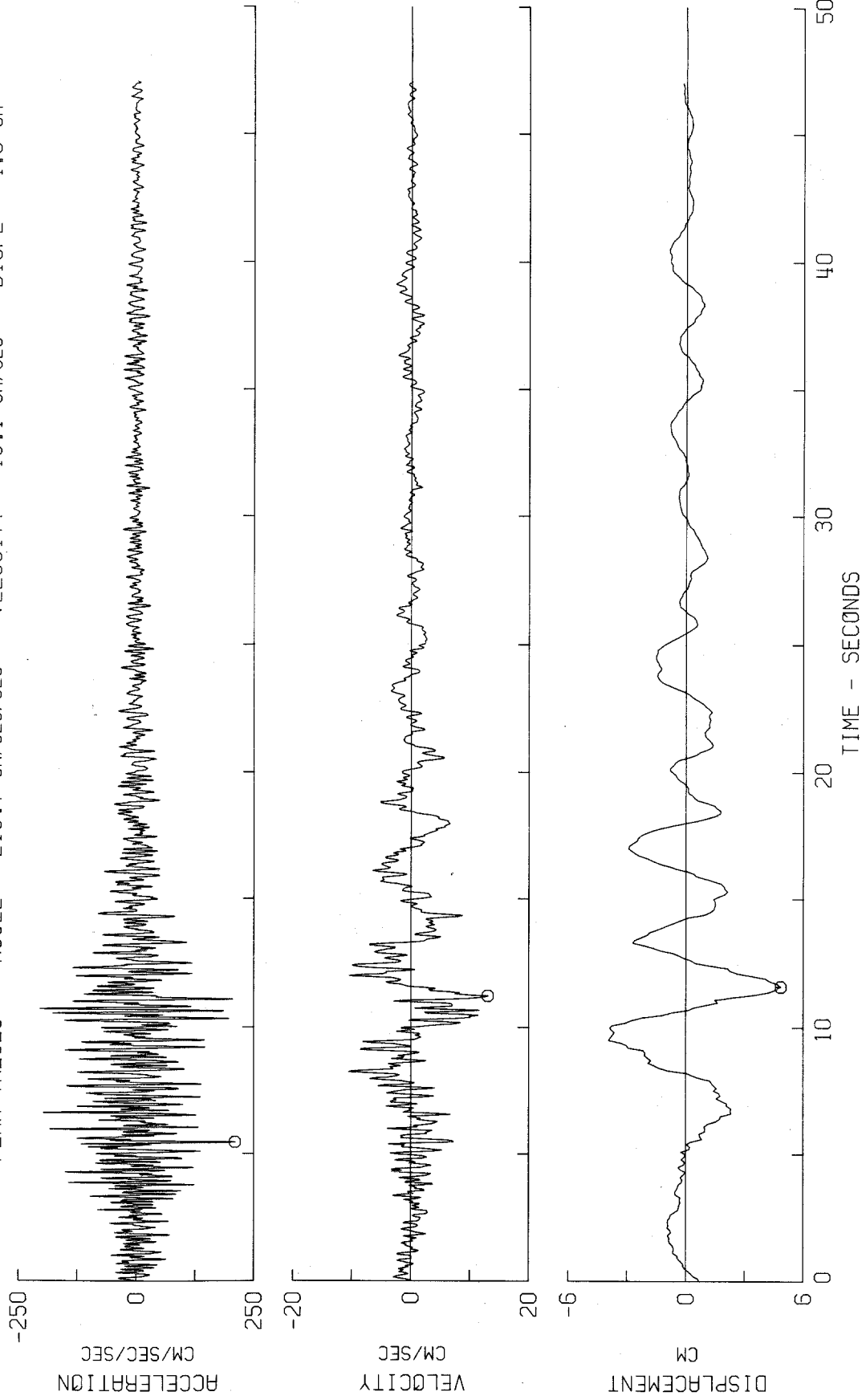
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11Q243 71.172.0 800 W. FIRST STREET, 33RD FLOOR, LOS ANGELES, CAL. COMP N37E
PEAK VALUES: ACCEL = 180.7 CM/SEC/SEC VELOCITY = 75.8 CM/SEC DISPL = -39.0 CM



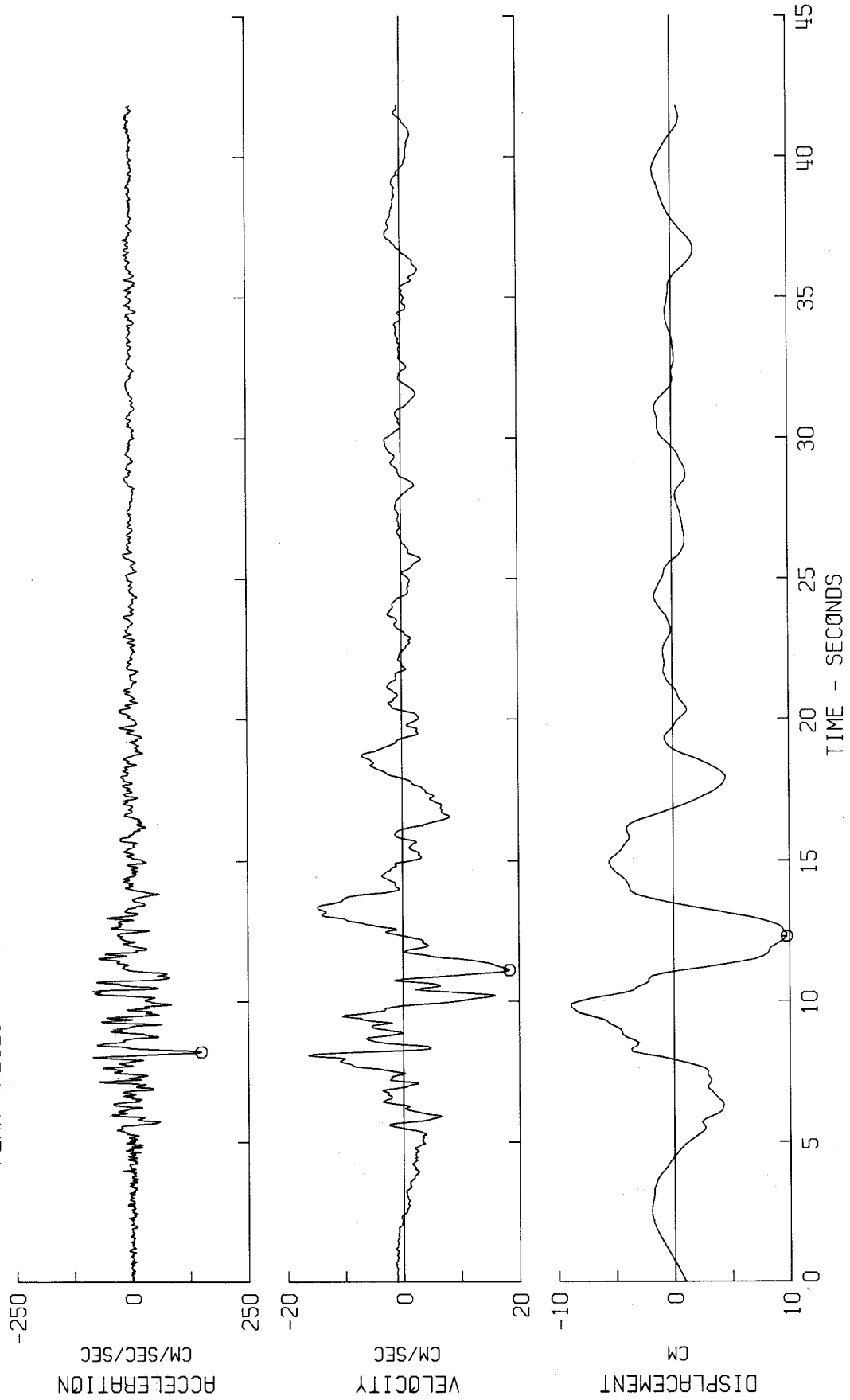
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110243 71.172.0 800 W. FIRST STREET, 33RD FLOOR, LOS ANGELES, CAL. COMP N53W
PEAK VALUES : ACCEL = -284.9 CM/SEC/SEC VELOCITY = 55.1 CM/SEC DISPL = 25.8 CM



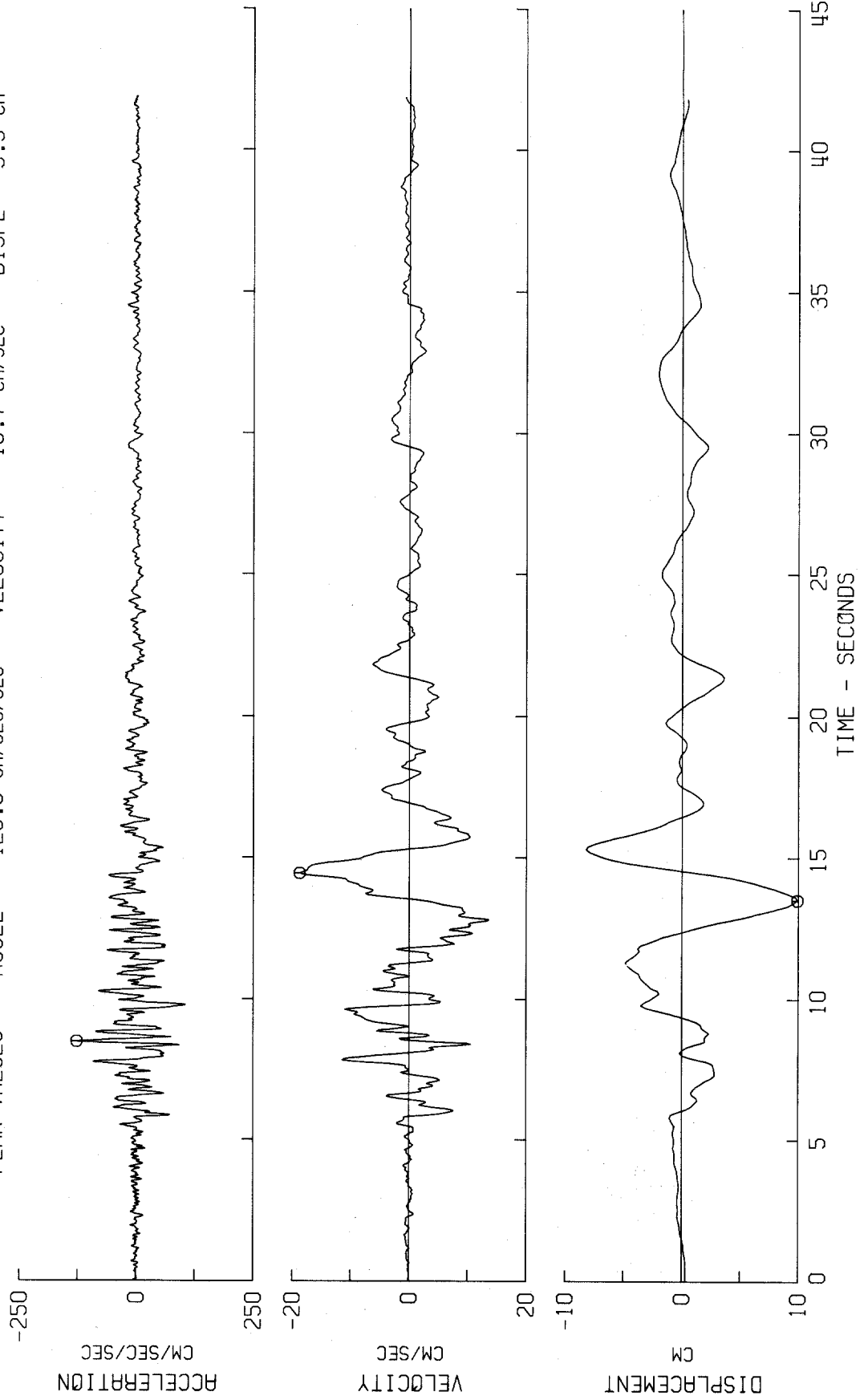
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
110243 71.172.0 800 W. FIRST STREET, 33RD FLOOR, LOS ANGELES, CAL. COMP UP
PEAK VALUES : ACCEL = 210.7 CM/SEC/SEC VELOCITY = 13.1 CM/SEC DISPL = 4.9 CM



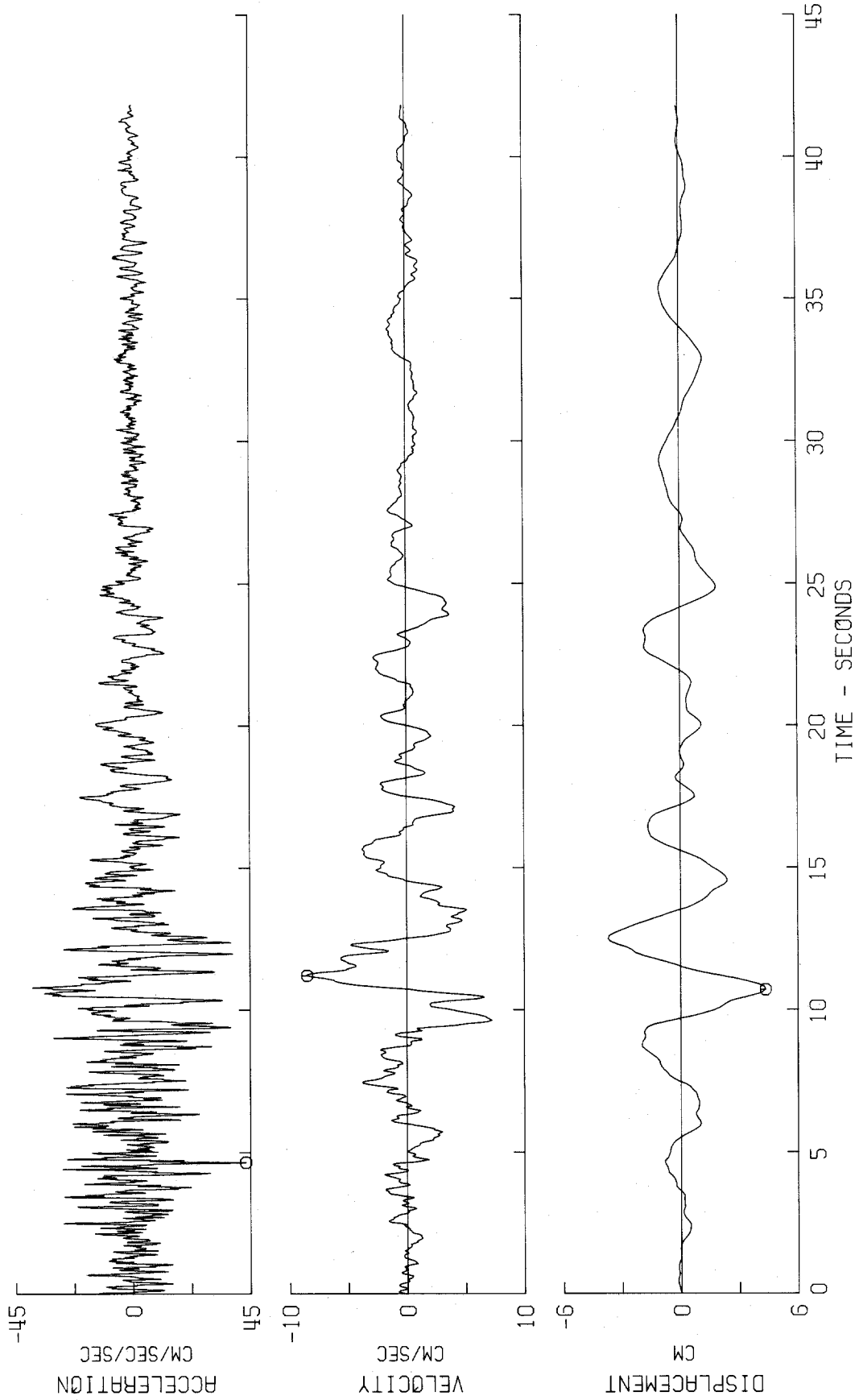
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR244 71.174.0 222 FIGUEROA STREET, 1ST FLOOR, LOS ANGELES, CAL. COMP N53W
PEAK VALUES: ACCEL = 149.4 CM/SEC/SEC VELOCITY = 18.4 CM/SEC DISPL = 9.8 CM



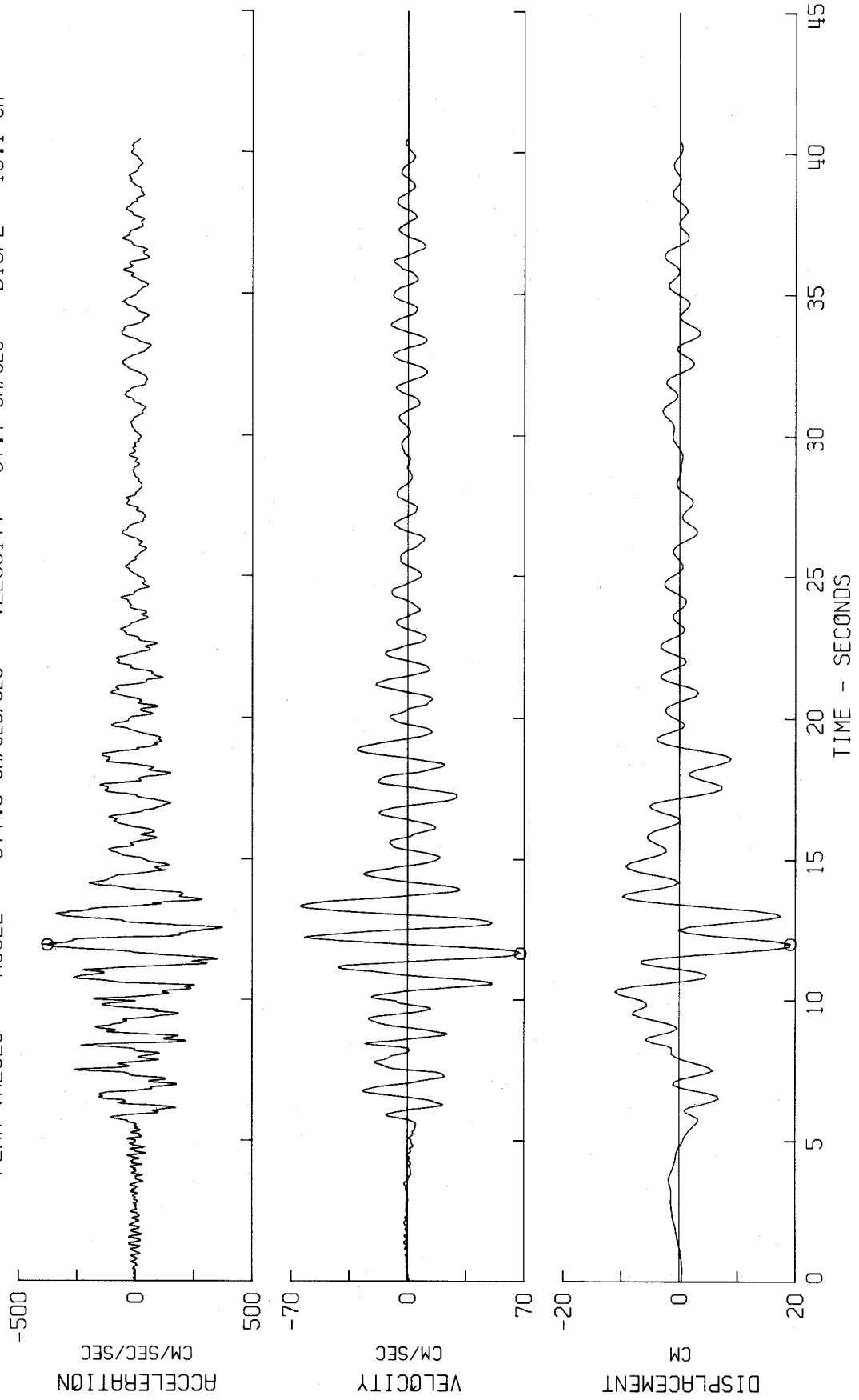
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR244 71.174.0 222 FIGUEROA STREET, 1ST FLOOR, LOS ANGELES, CAL. COMP S37W
PEAK VALUES: ACCEL = -126.8 CM/SEC/SEC VELOCITY = -18.7 CM/SEC DISPL = 9.9 CM



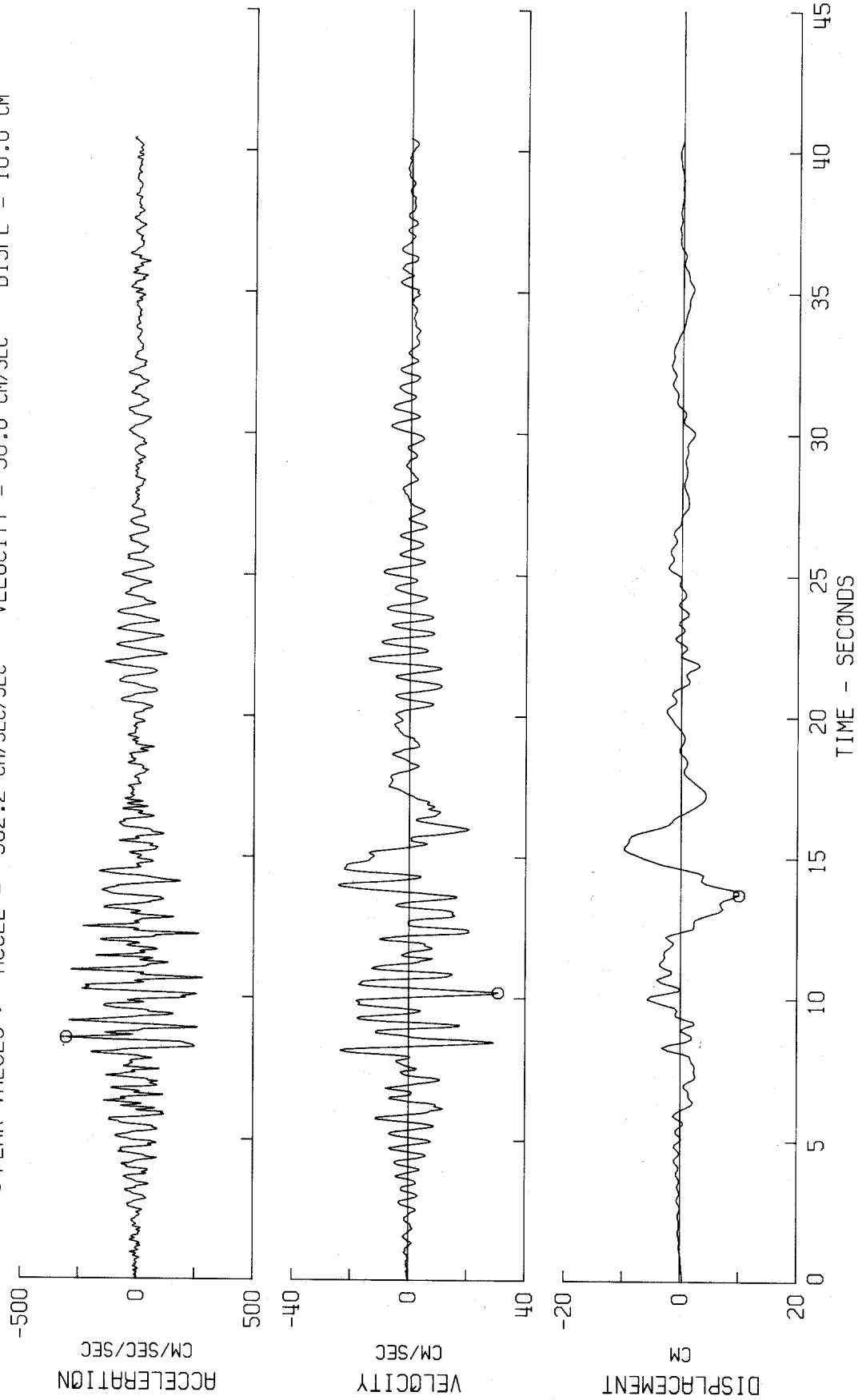
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR244 71.174.0 222 FIGUEROA STREET, 1ST FLOOR, LOS ANGELES, CAL. COMP UP
PEAK VALUES : ACCEL = 43.2 CM/SEC/SEC VELOCITY = -8.5 CM/SEC DISPL = 4.3 CM



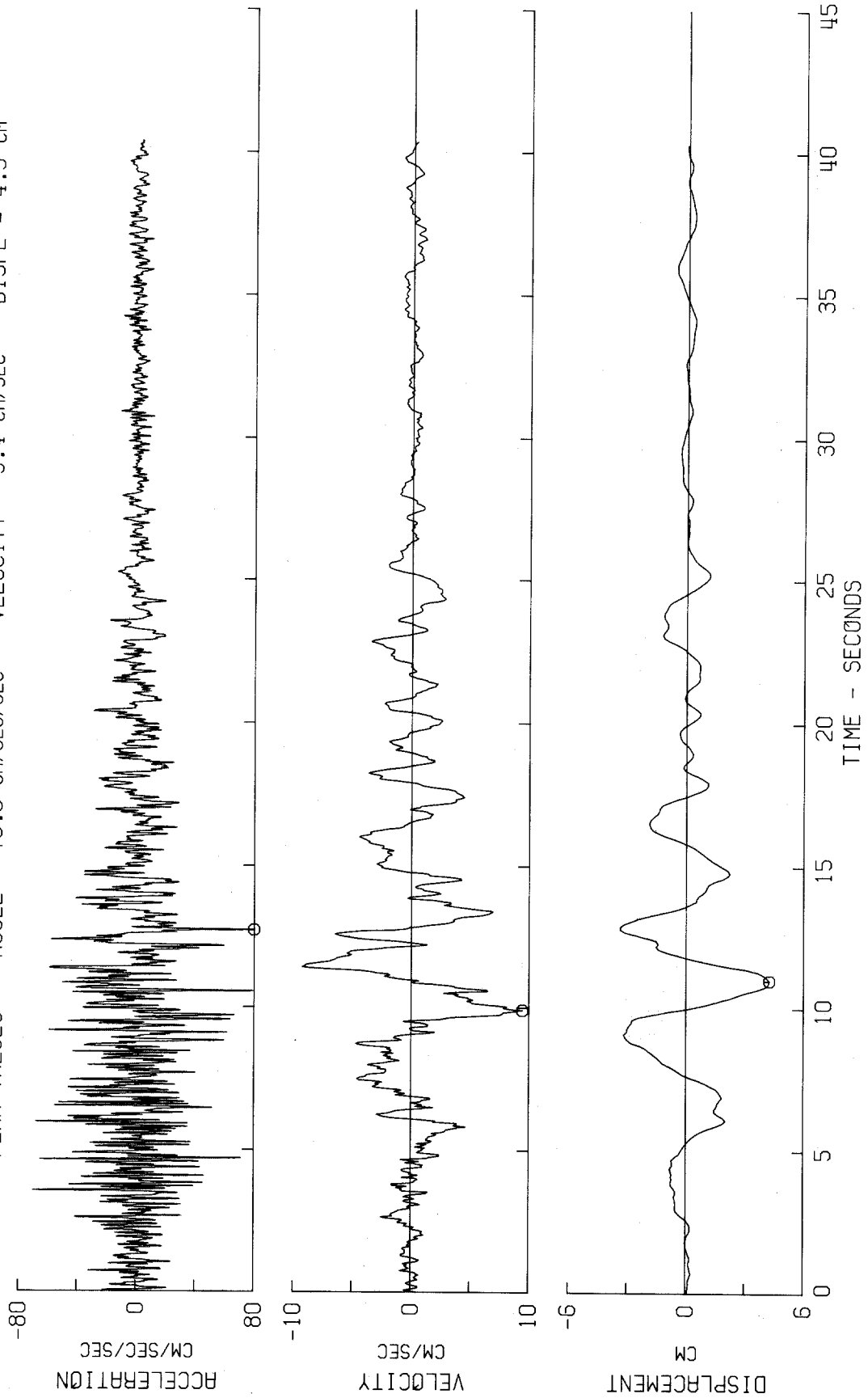
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11R245 71.173.0 222 FIGUEROA STREET, 20TH FLOOR, LOS ANGELES, CAL. COMP N53W
PEAK VALUES : ACCEL = -377.6 CM/SEC/SEC VELOCITY = 67.7 CM/SEC DISPL = 19.1 CM



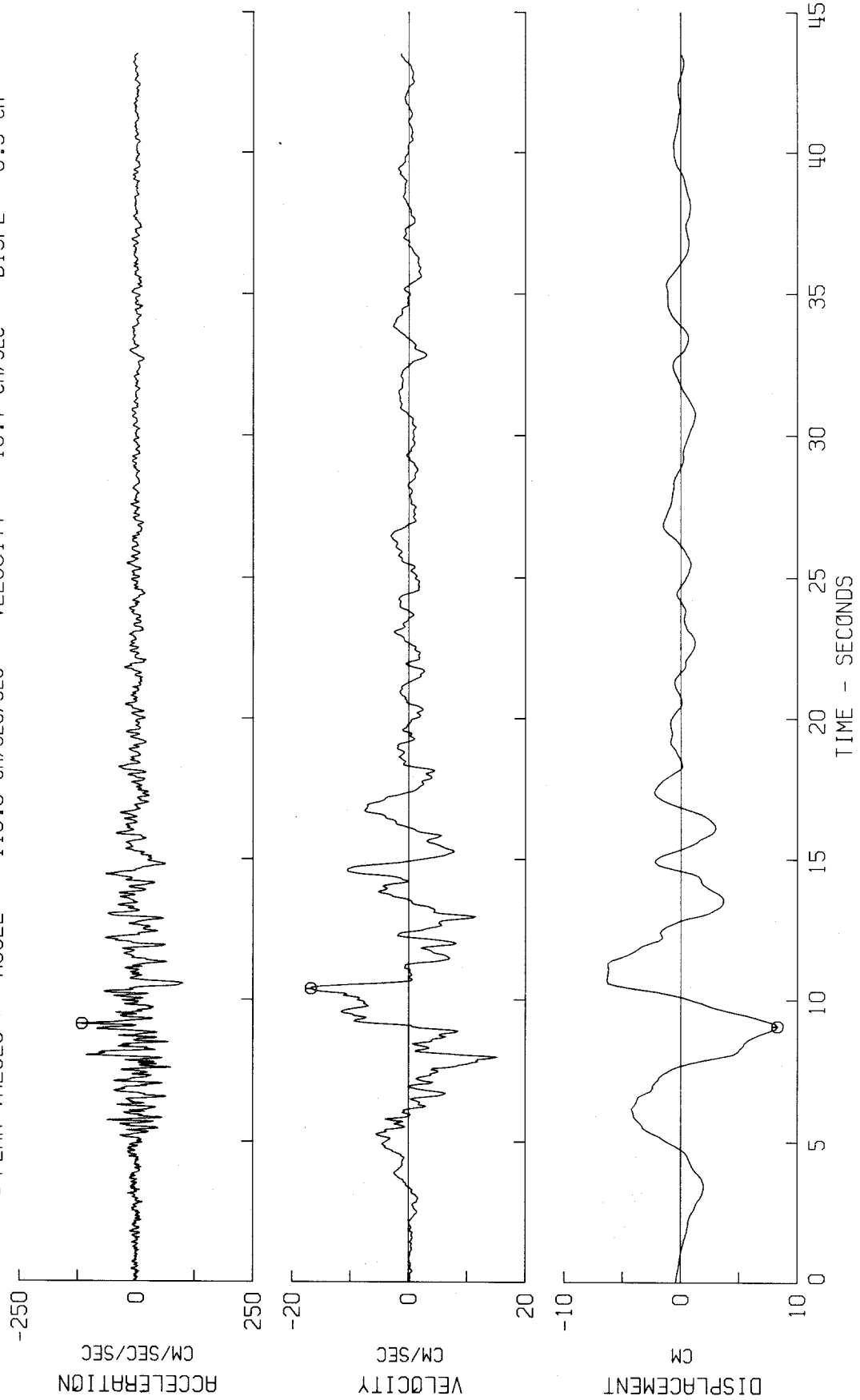
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR245 71.173.0 222 FIGUEROA STREET, 20TH FLOOR, LOS ANGELES, CAL. COMP S37W
PEAK VALUES: ACCEL = -302.2 CM/SEC/SEC VELOCITY = 30.8 CM/SEC DISPL = 10.0 CM



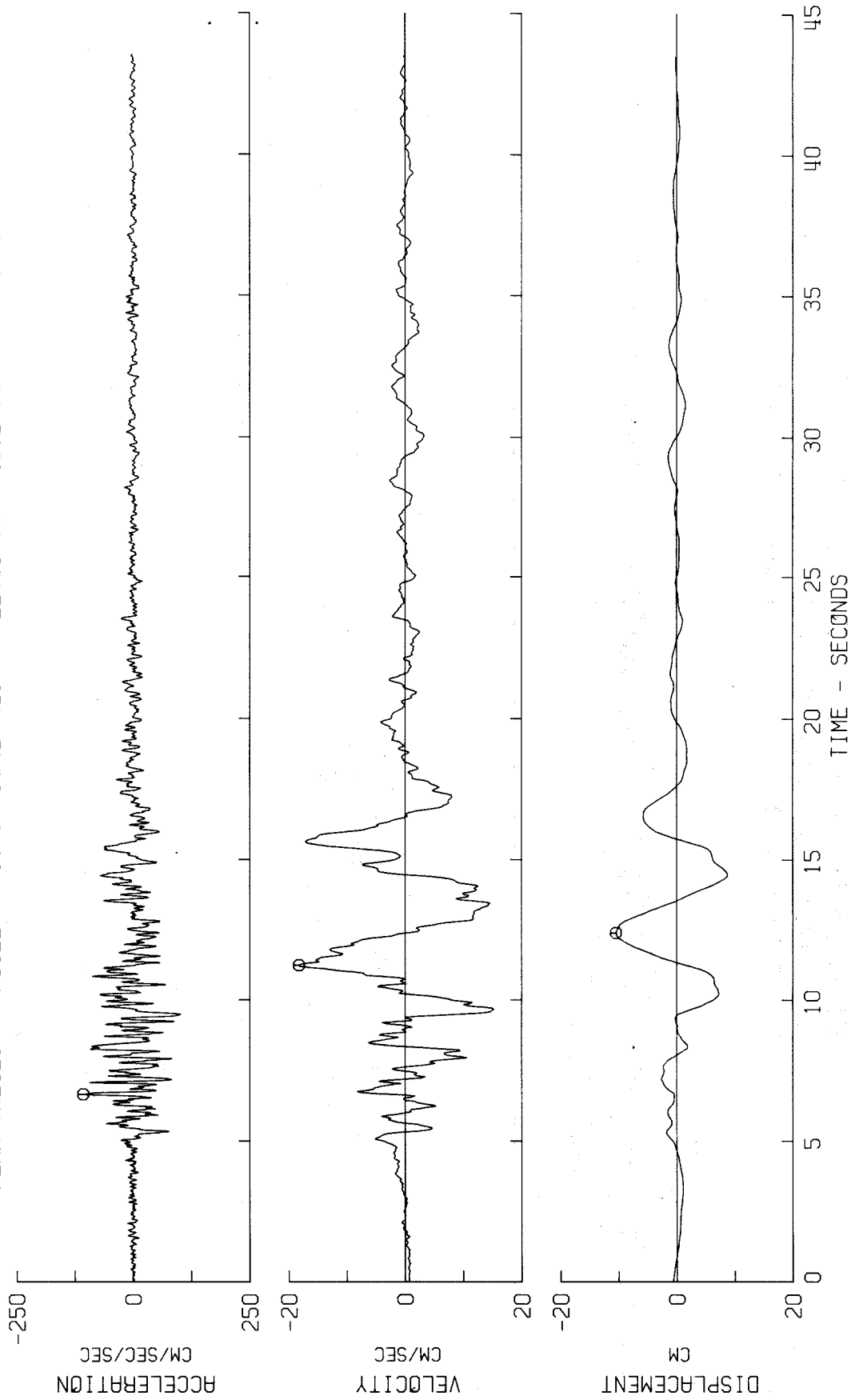
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR245 71.173.0 222 FIGUEROA STREET, 20TH FLOOR, LOS ANGELES, CAL. COMP UP
PEAK VALUES : ACCEL = 79.8 CM/SEC/SEC VELOCITY = 9.4 CM/SEC DISPL = 4.3 CM



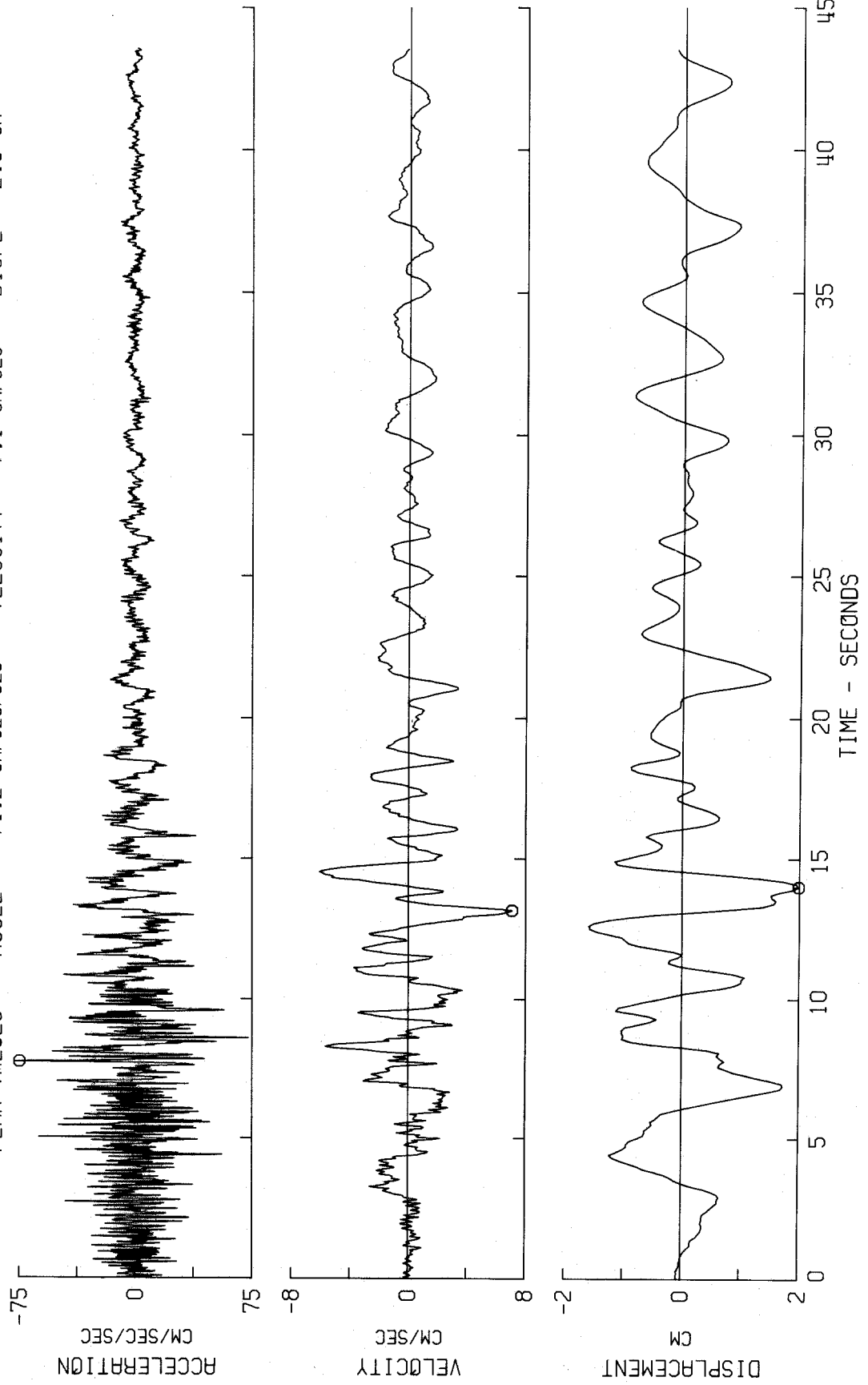
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR246 71.192.0 6464 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP SOUTH
PEAK VALUES : ACCEL = -116.0 CM/SEC/SEC VELOCITY = -16.7 CM/SEC DISPL = 8.3 CM



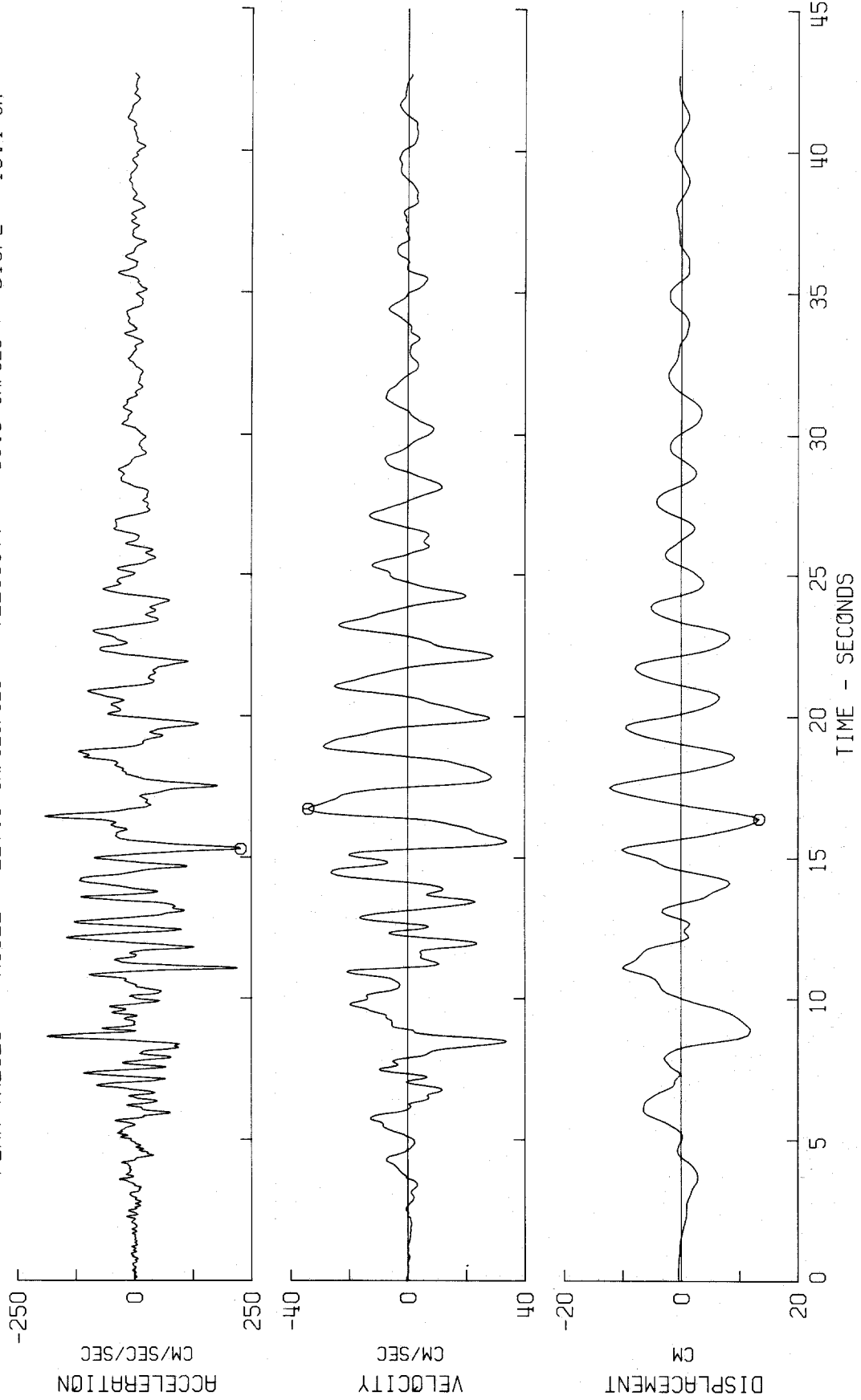
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR246 71.192.0 6464 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP EAST
PEAK VALUES: ACCEL = -107.0 CM/SEC/SEC VELOCITY = -18.2 CM/SEC DISPL = -10.5 CM



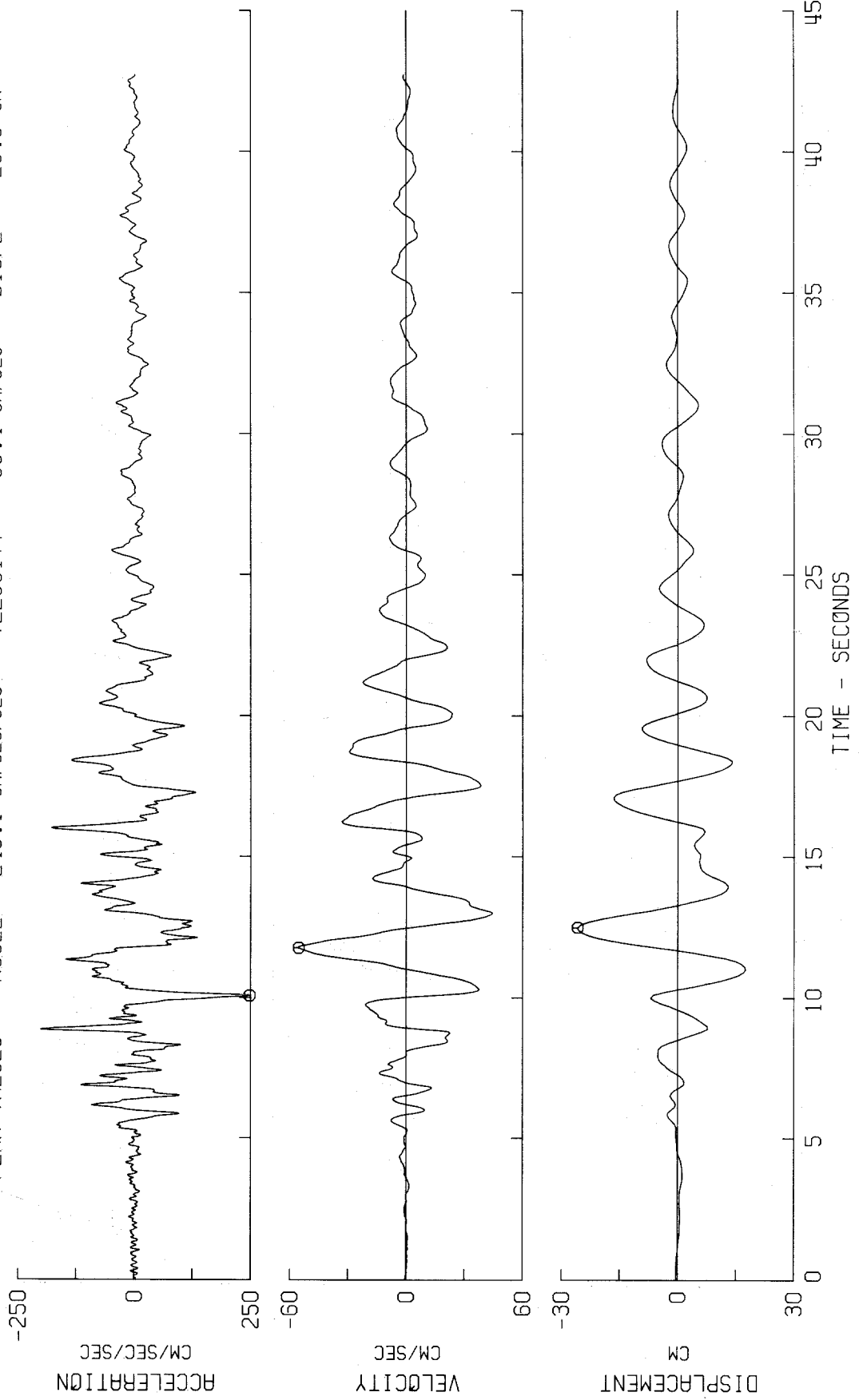
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11R246 71.192.0 6464 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP UP
PEAK VALUES: ACCEL = -74.2 CM/SEC/SEC VELOCITY = 7.1 CM/SEC DISPL = 2.0 CM



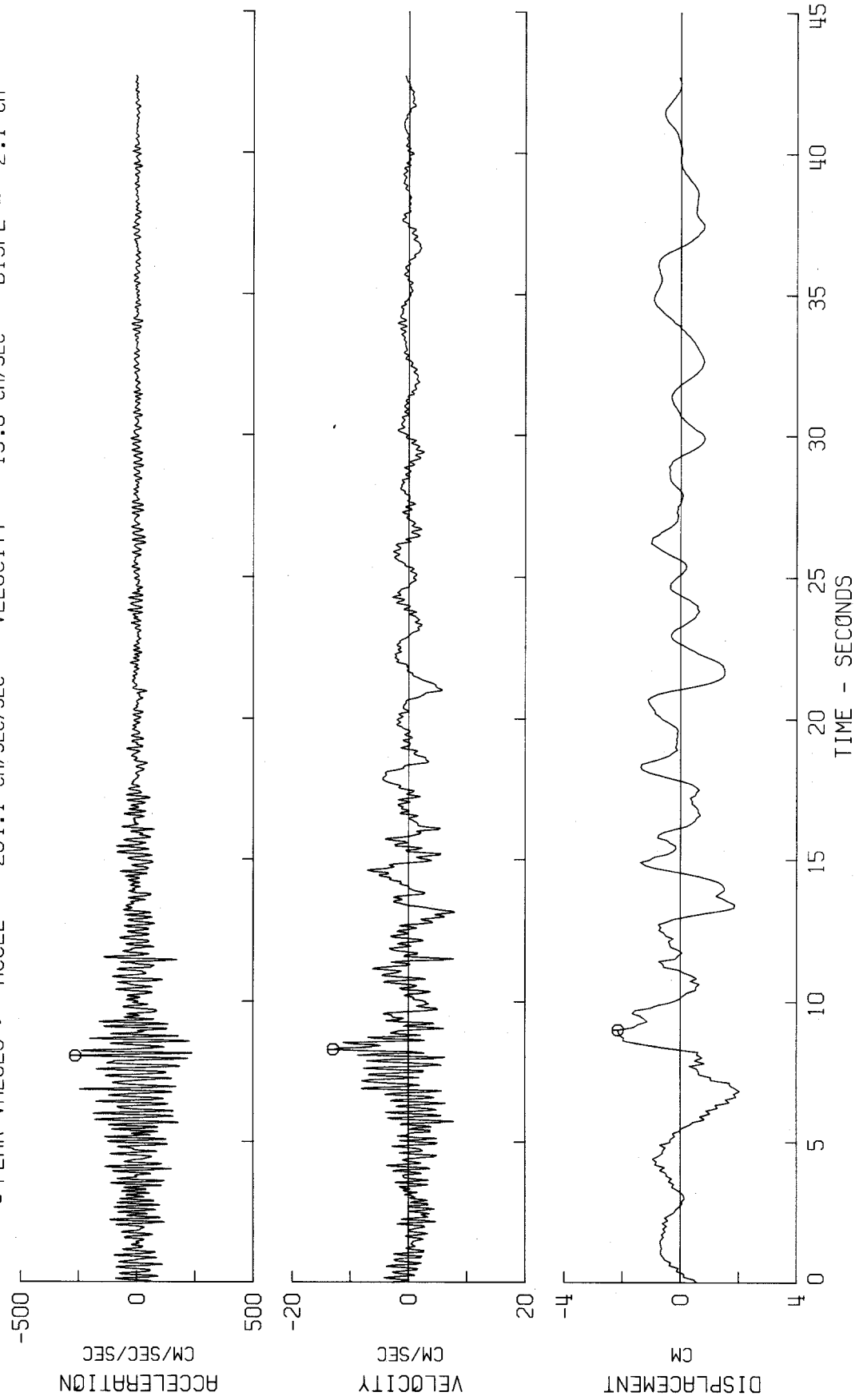
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR247 71.193.0 6464 SUNSET BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL. COMP SOUTH
o PEAK VALUES : ACCEL = 227.3 CM/SEC/SEC VELOCITY = -33.9 CM/SEC DISPL = 13.4 CM



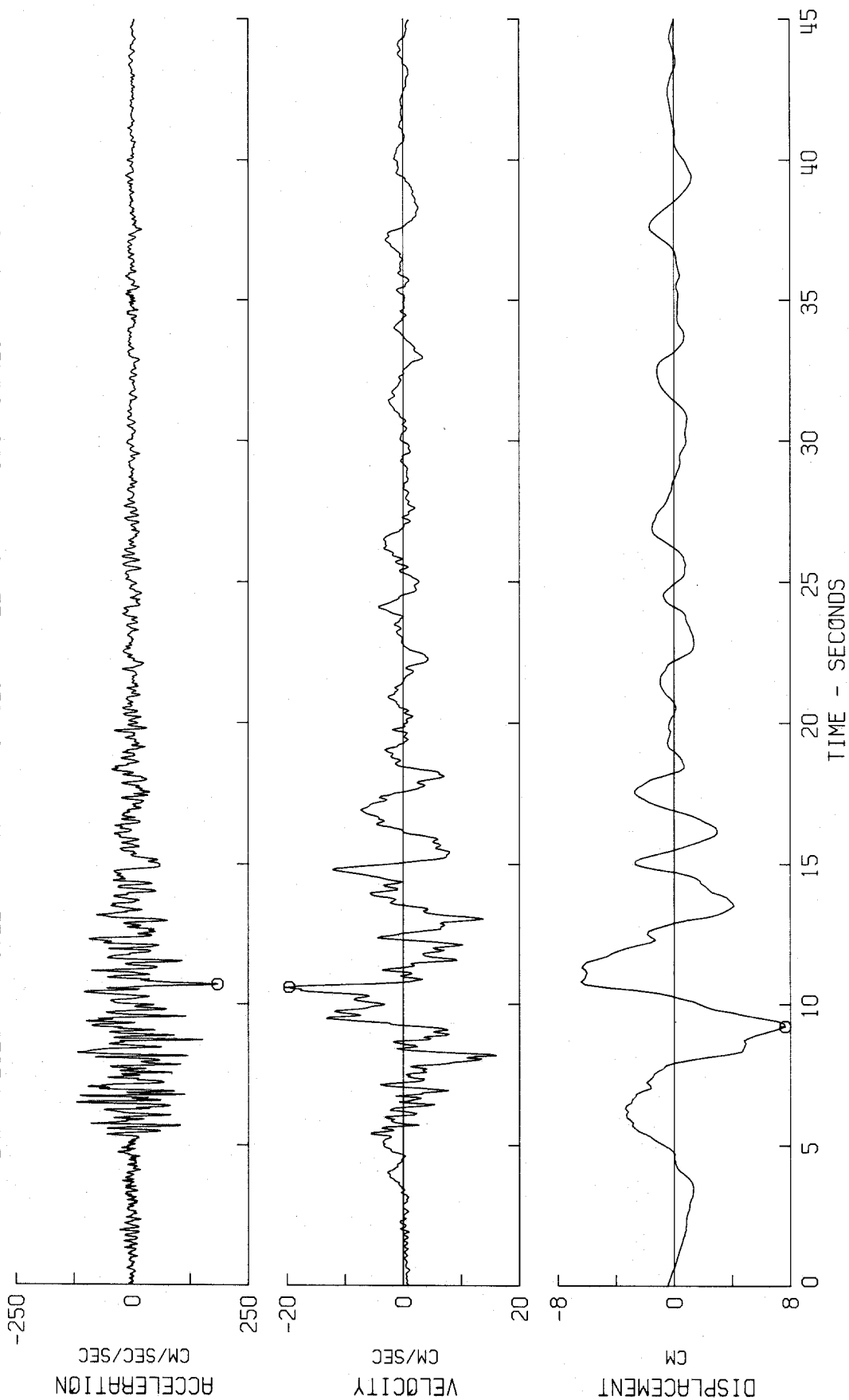
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR247 71.193.0 6464 SUNSET BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL. COMP EAST
PEAK VALUES : ACCEL = 248.1 CM/SEC/SEC VELOCITY = -55.4 CM/SEC DISPL = -25.8 CM



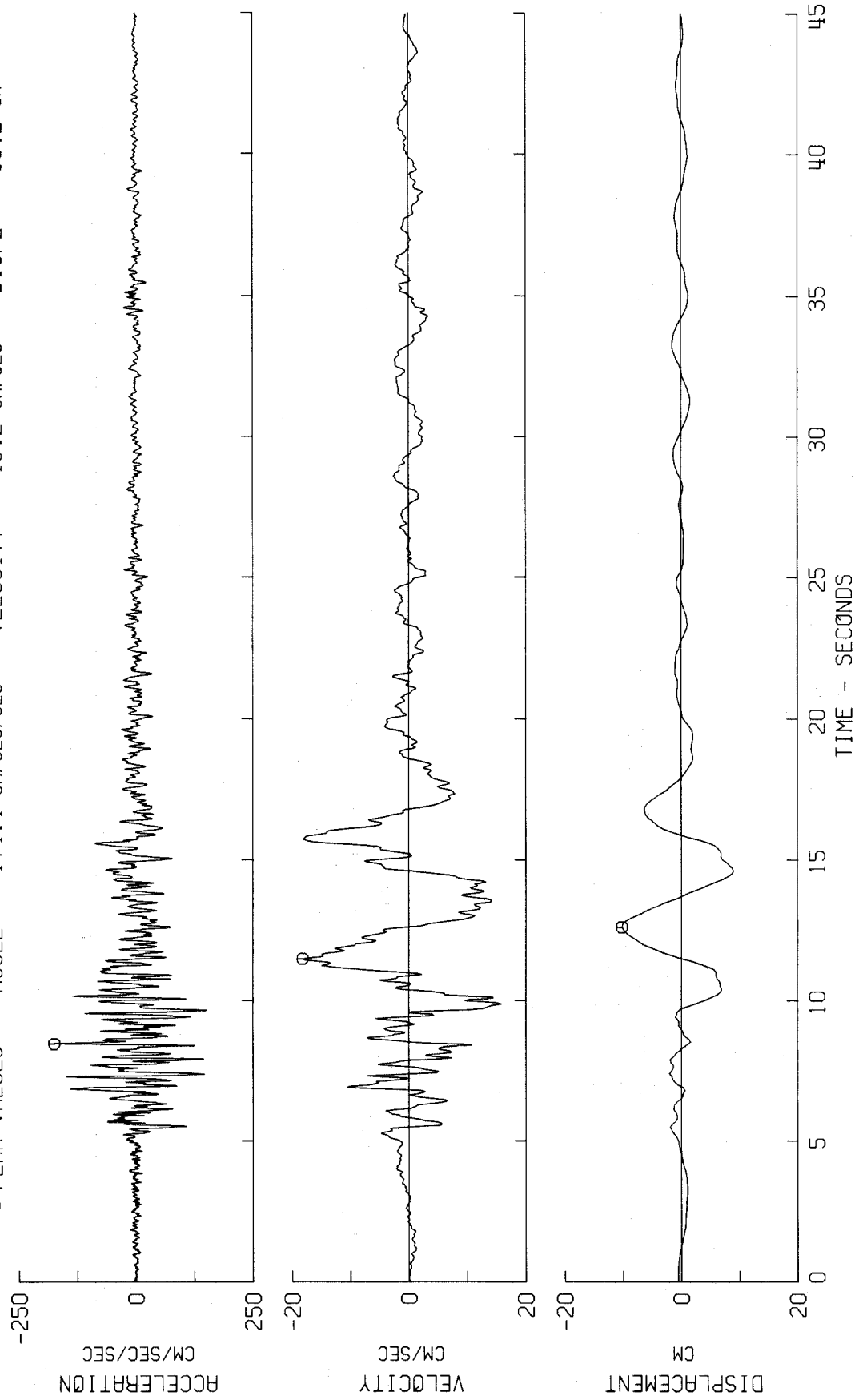
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR247 71.193.0 6464 SUNSET BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL. COMP UP
Ø PEAK VALUES : ACCEL = -264.1 CM/SEC/SEC VELOCITY = -13.0 CM/SEC DISPL = -2.1 CM



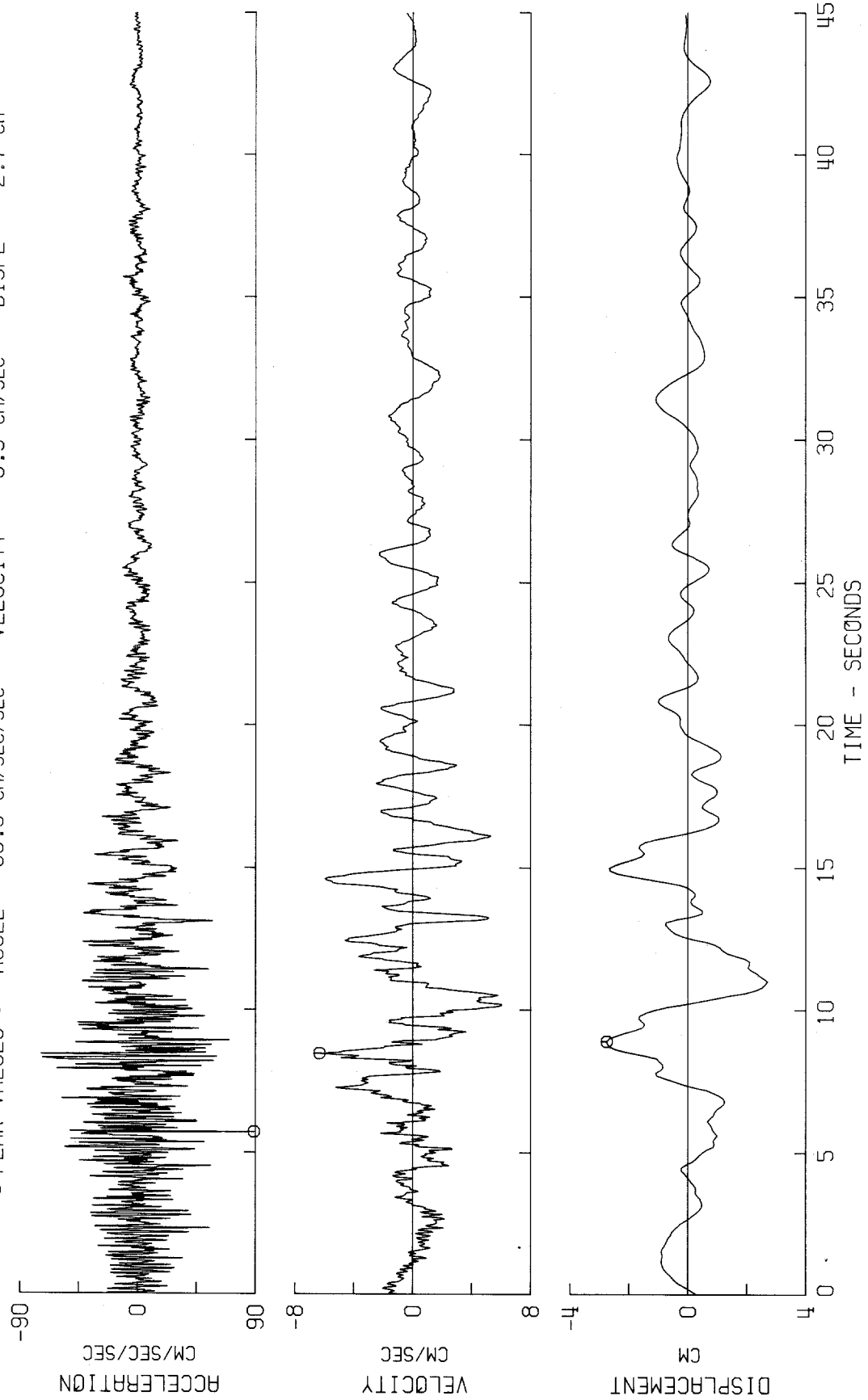
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIR248 71.194.0 6430 SUNSET BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL. COMP SOUTH
 O PEAK VALUES : ACCEL = 184.0 CM/SEC/SEC VELOCITY = -19.7 CM/SEC DISPL = 7.7 CM



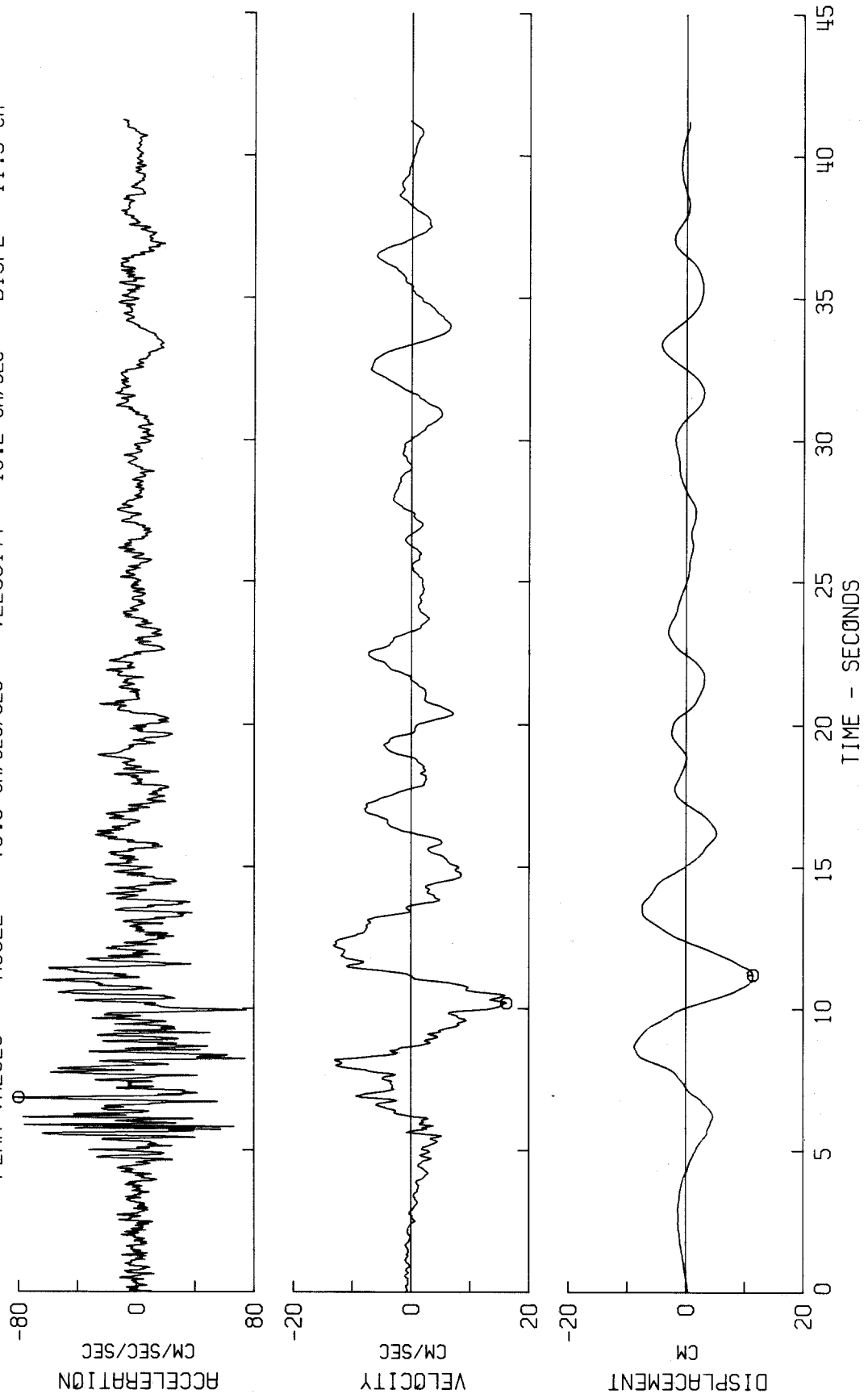
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR248 71.194.0 6430 SUNSET BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL. COMP EAST
o PEAK VALUES: ACCEL = -174.4 CM/SEC/SEC VELOCITY = -18.2 CM/SEC DISPL = -10.2 CM



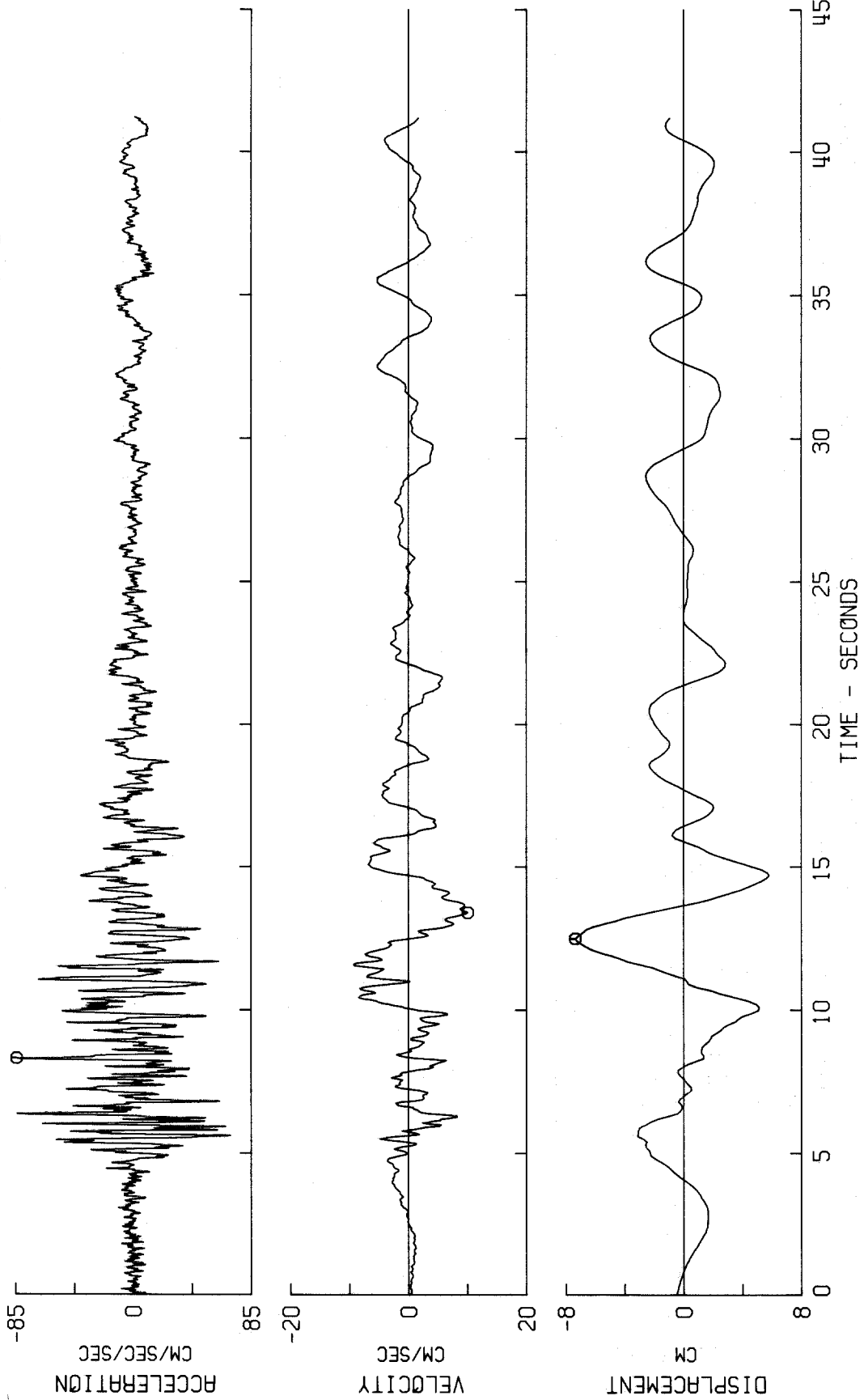
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR248 71.194.0 6430 SUNSET BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL. COMP UP
O PEAK VALUES : ACCEL = 88.9 CM/SEC/SEC VELOCITY = -6.3 CM/SEC DISPL = -2.7 CM



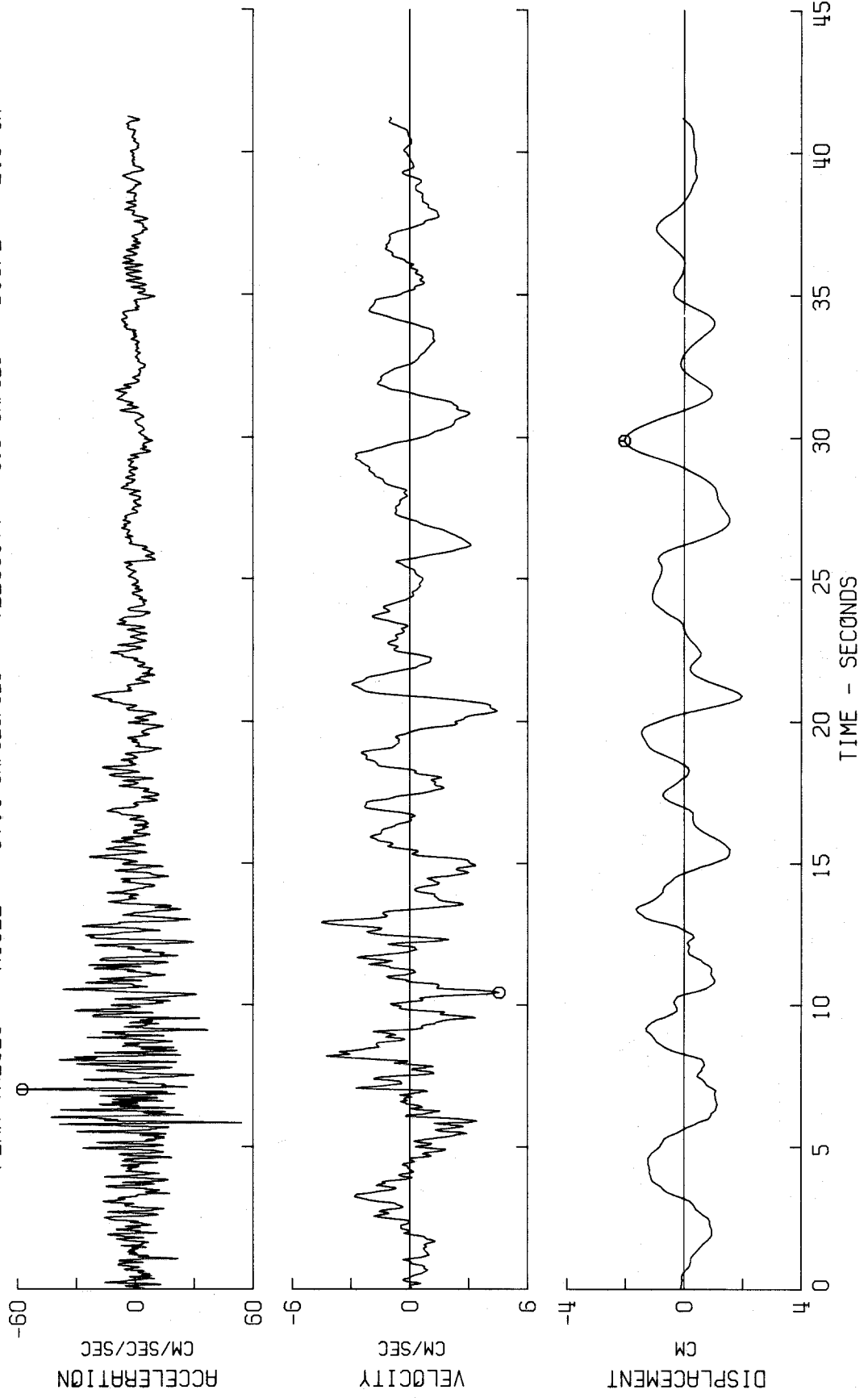
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR249 71.196.0 1900 AVENUE OF THE STARS, BASEMENT, LOS ANGELES, CAL. COMP N14E
PEAK VALUES : ACCEL = -79.9 CM/SEC/SEC VELOCITY = 16.2 CM/SEC DISPL = 11.5 CM



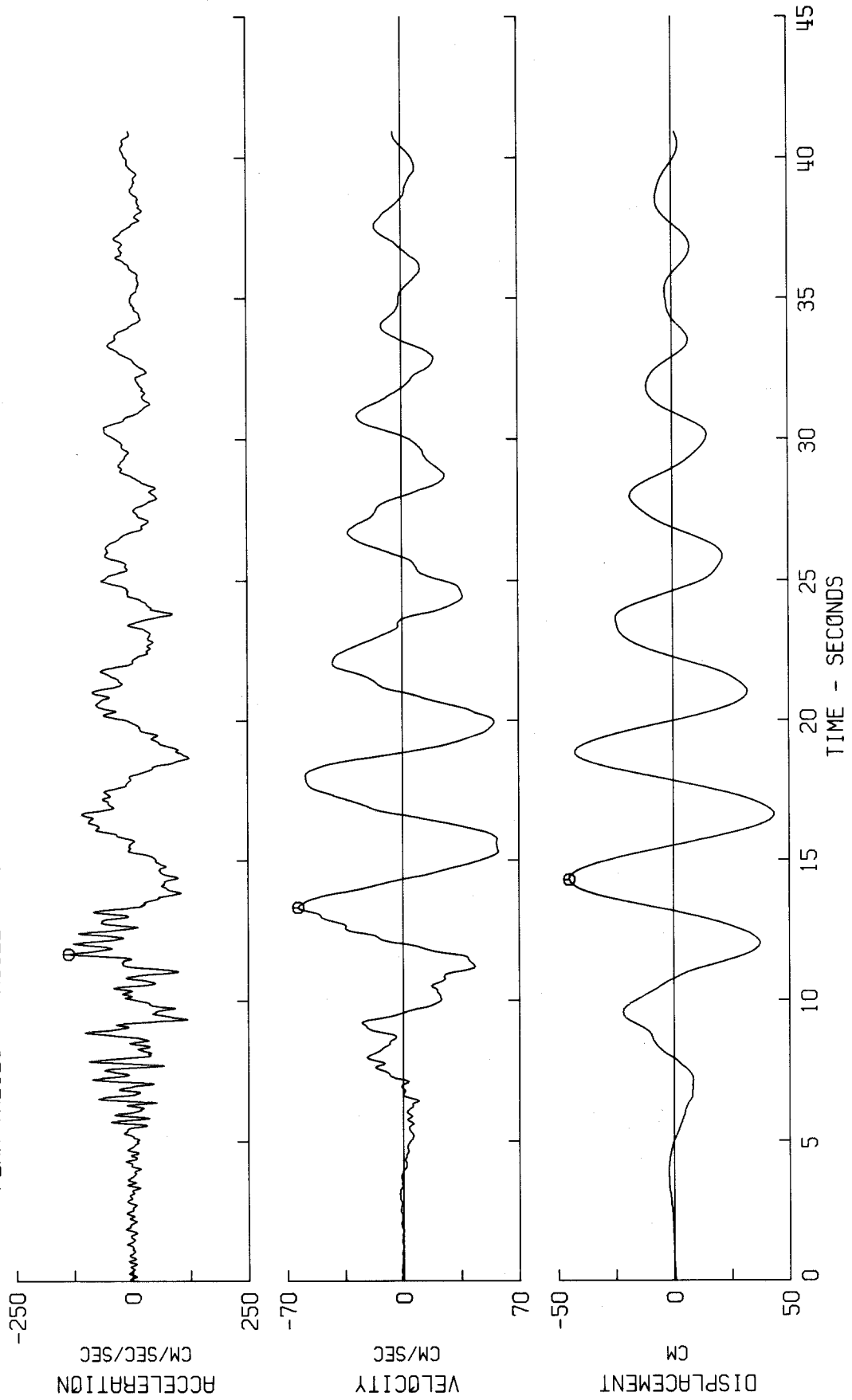
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR249 71.196.0 1900 AVENUE OF THE STARS, BASEMENT, LOS ANGELES, CAL. COMP S46E
O PEAK VALUES : ACCEL = -84.2 CM/SEC/SEC VELOCITY = 10.1 CM/SEC DISPL = -7.3 CM



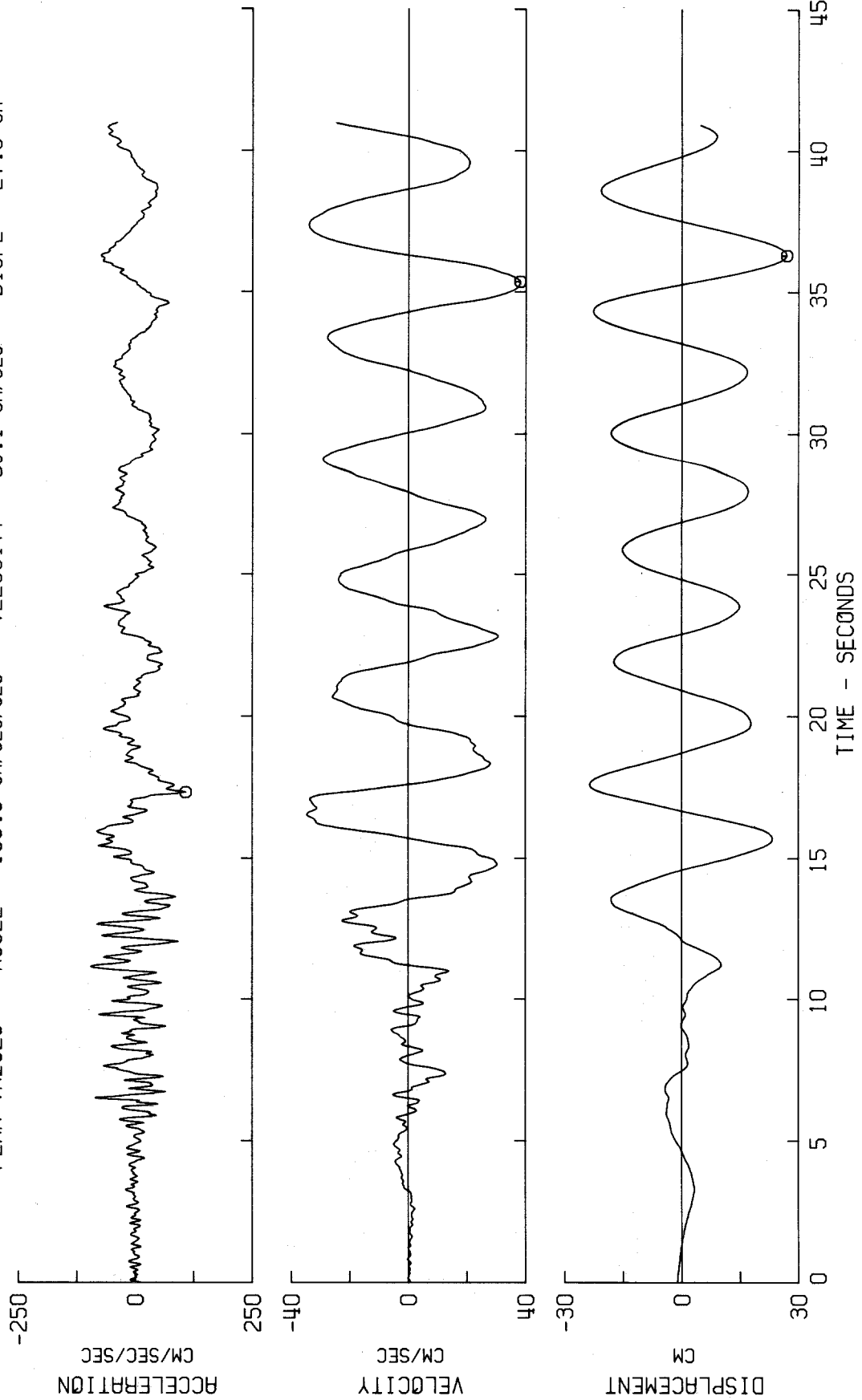
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR249 71.196.0 1900 AVENUE OF THE STARS, BASEMENT, LOS ANGELES, CAL. COMP UP
⊙ PEAK VALUES : ACCEL = -57.4 CM/SEC/SEC VELOCITY = 4.6 CM/SEC DISPL = -2.0 CM



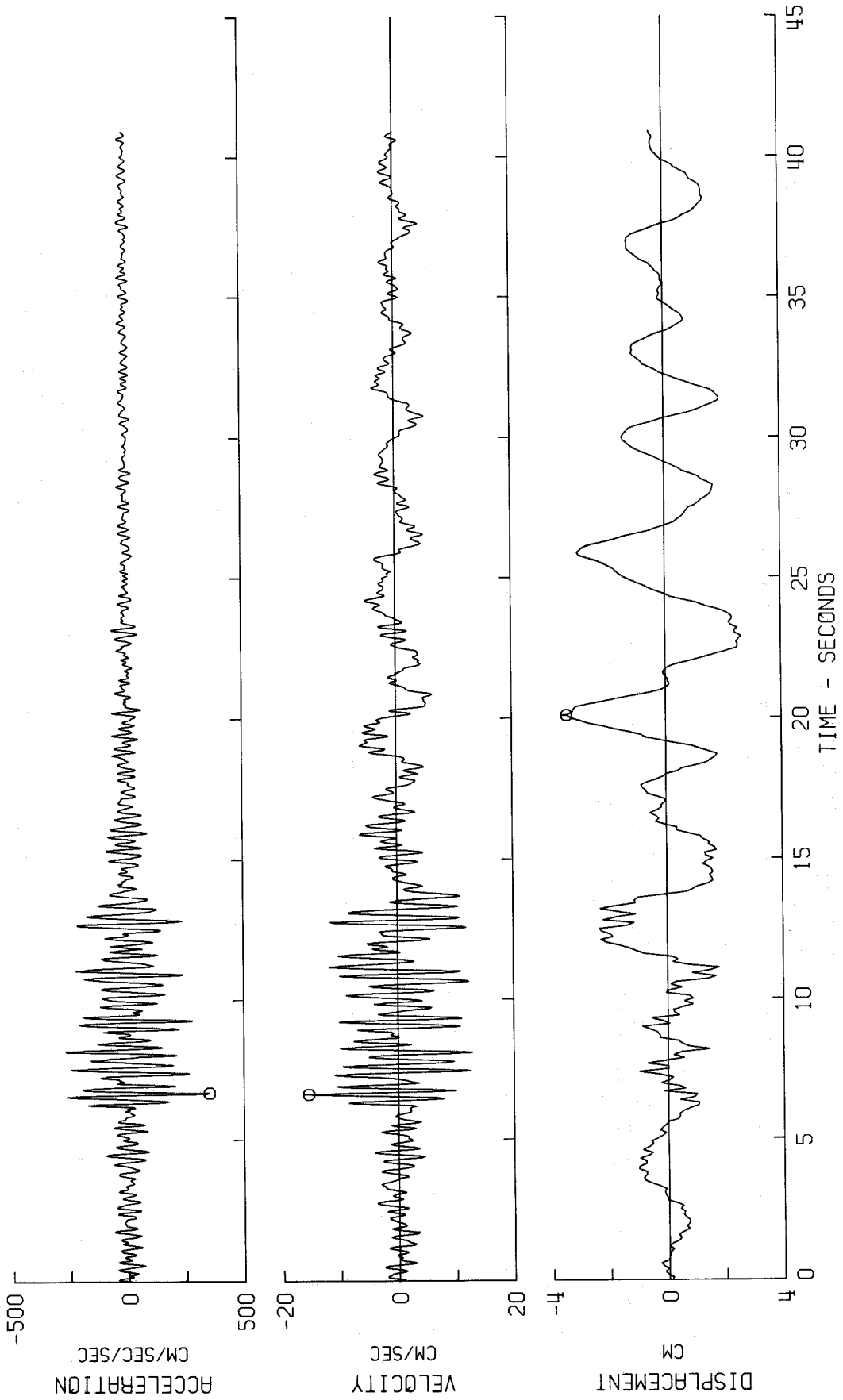
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR250 71.197.0 1900 AVENUE OF THE STARS, 29TH FLOOR, LOS ANGELES, CAL. COMP N44E
Ø PEAK VALUES : ACCEL = -136.6 CM/SEC/SEC VELOCITY = -63.1 CM/SEC DISPL = -45.0 CM



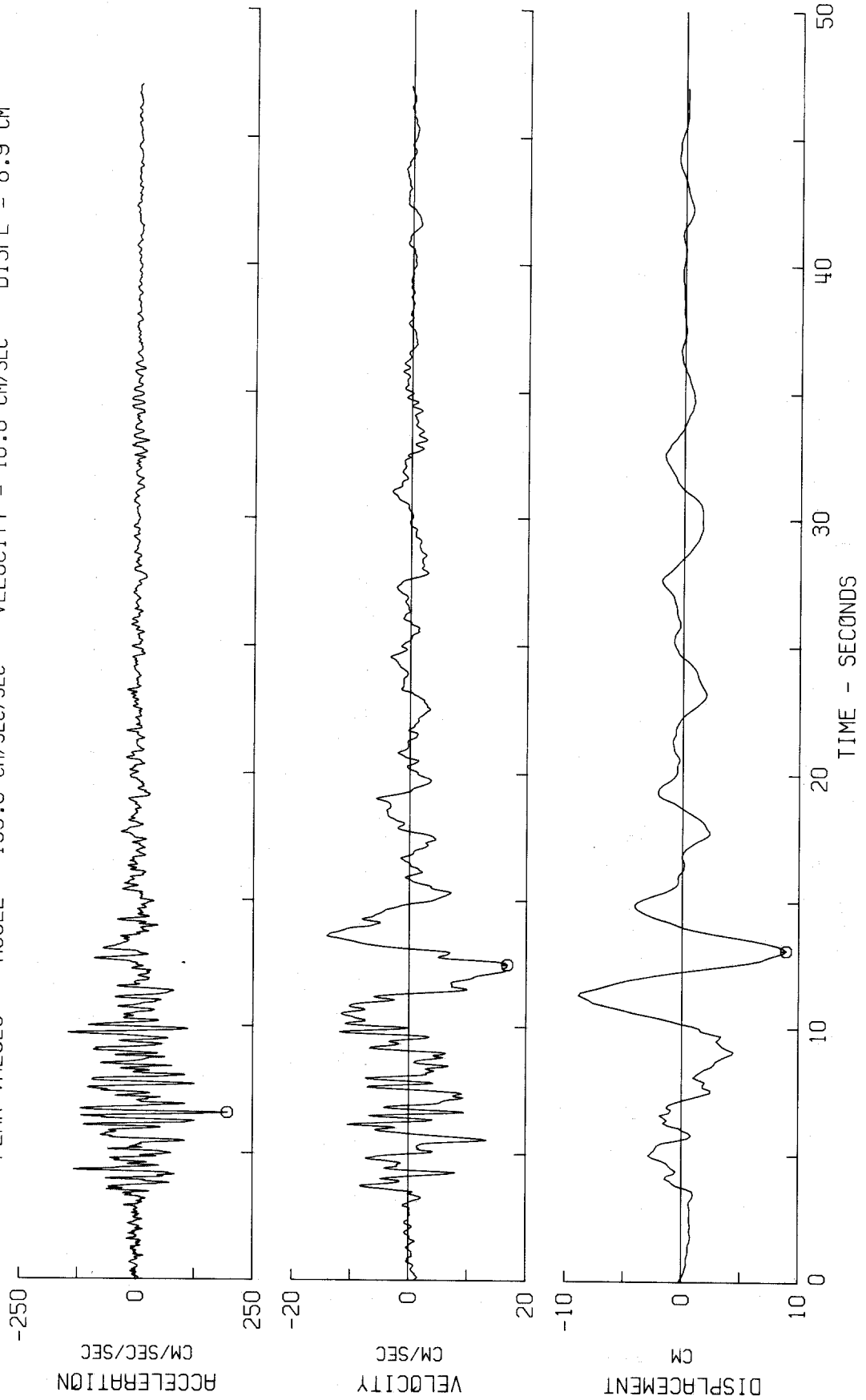
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR250 71.197.0 1900 AVENUE OF THE STARS, 29TH FLOOR, LOS ANGELES, CAL. COMP S46E
o PEAK VALUES : ACCEL = 108.3 CM/SEC/SEC VELOCITY = 38.1 CM/SEC DISPL = 27.0 CM



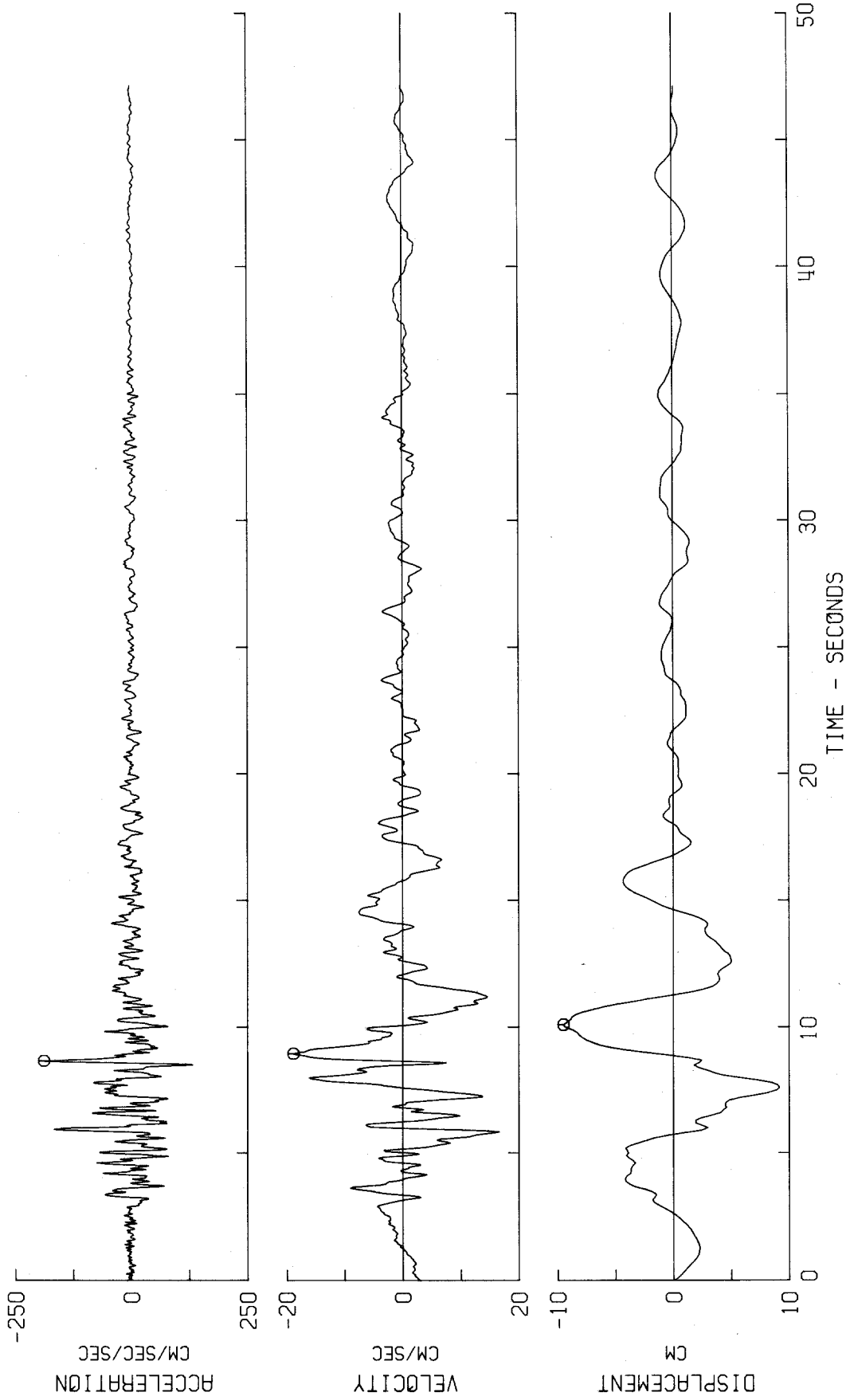
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR250 71.197.0 1900 AVENUE OF THE STARS, 29TH FLOOR, LOS ANGELES, CAL. COMP UP
O PEAK VALUES : ACCEL = 351.8 CM/SEC/SEC VELOCITY = -15.5 CM/SEC DISPL = -3.4 CM



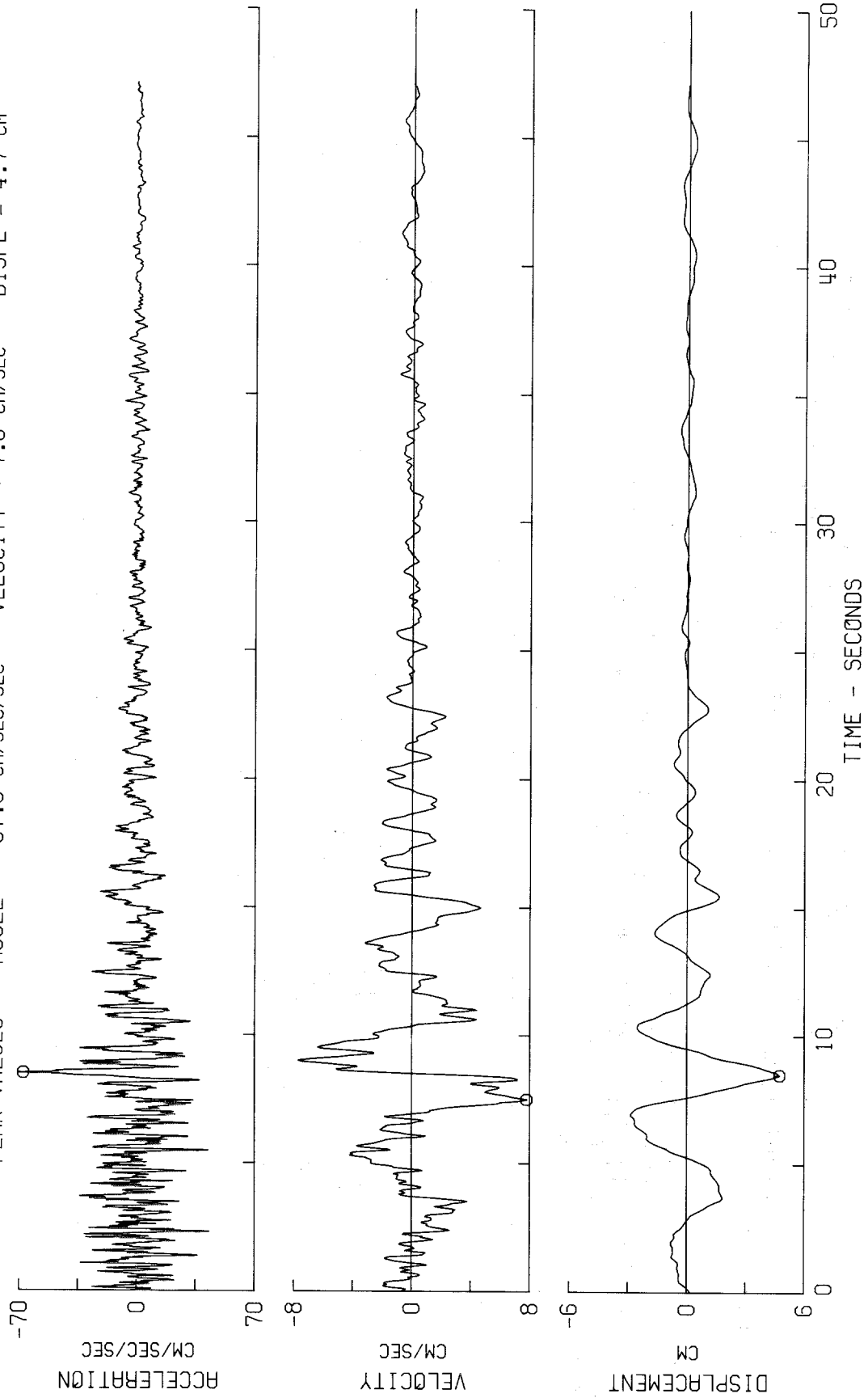
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR251 71.198.0 234 FIGUEROA STREET, BASEMENT, LOS ANGELES, CAL. COMP N37E
PEAK VALUES : ACCEL = 195.6 CM/SEC/SEC VELOCITY = 16.8 CM/SEC DISPL = 8.9 CM



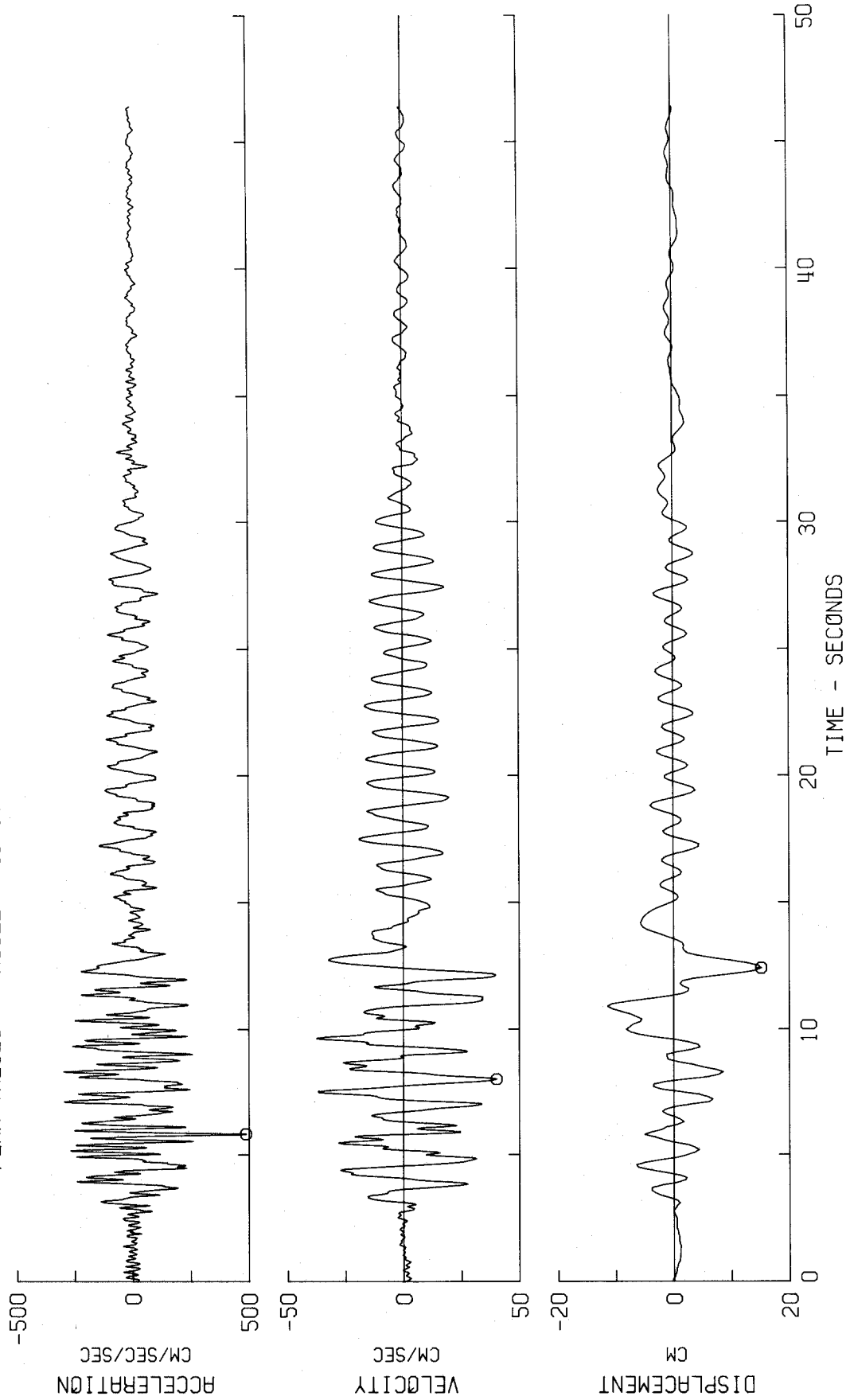
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR251 71.198.0 234 FIGUEROA STREET, BASEMENT, LOS ANGELES, CAL. COMP S53E
PEAK VALUES: ACCEL = -188.3 CM/SEC/SEC VELOCITY = -18.8 CM/SEC DISPL = -9.5 CM



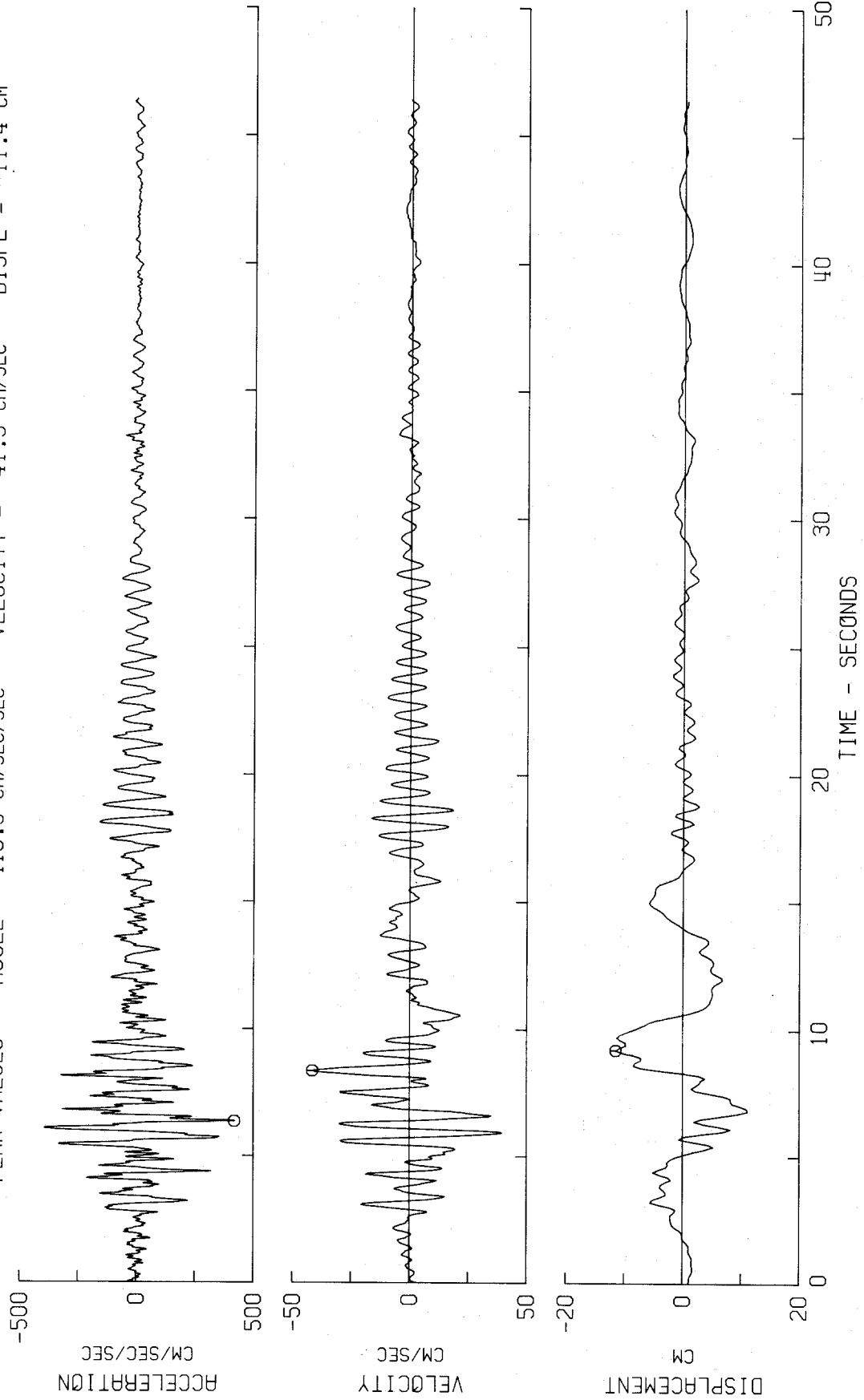
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR251 71.198.0 234 FIGUEROA STREET, BASEMENT, LOS ANGELES, CAL. COMP UP
O PEAK VALUES: ACCEL = -67.5 CM/SEC/SEC VELOCITY = 7.8 CM/SEC DISPL = 4.7 CM



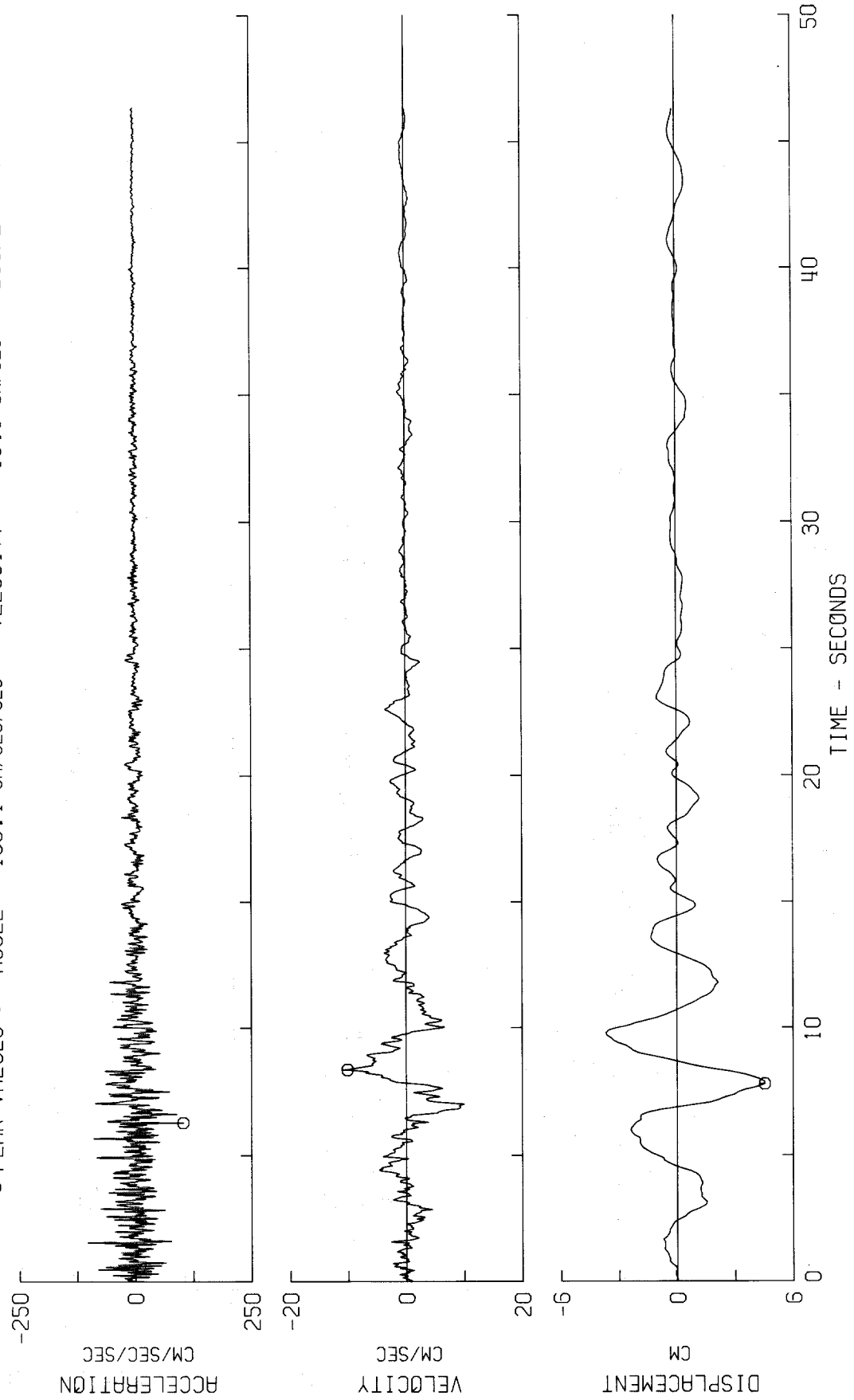
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR252 71.199.0 234 FIGUEROA STREET, ROOF, LOS ANGELES, CAL. COMP N37E
PEAK VALUES : ACCEL = 487.0 CM/SEC/SEC VELOCITY = 40.2 CM/SEC DISPL = 15.2 CM



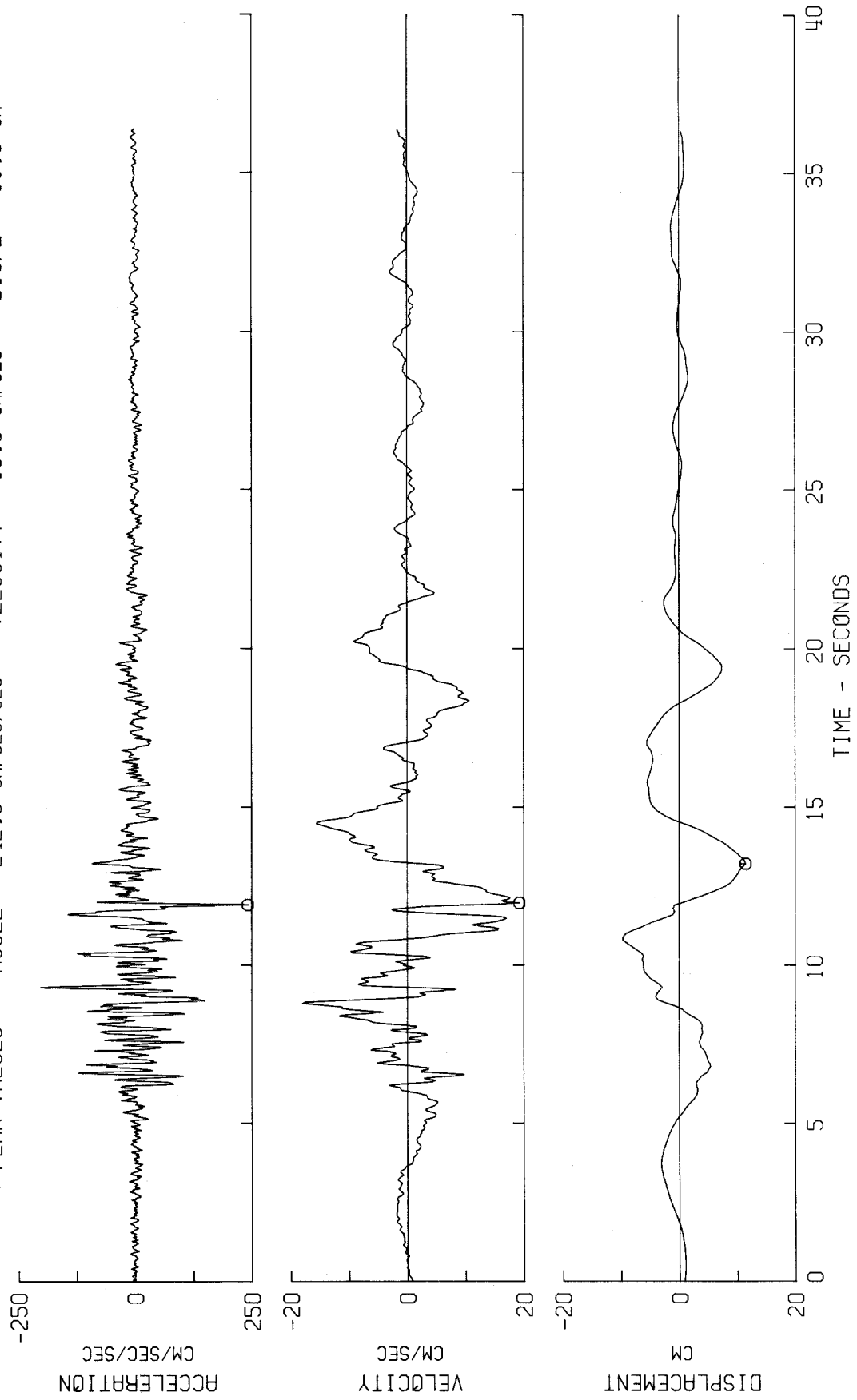
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR252 71.199.0 234 FIGUEROA STREET, ROOF, LOS ANGELES, CAL. COMP S53E
PEAK VALUES : ACCEL = 418.9 CM/SEC/SEC VELOCITY = -41.5 CM/SEC DISPL = -11.4 CM



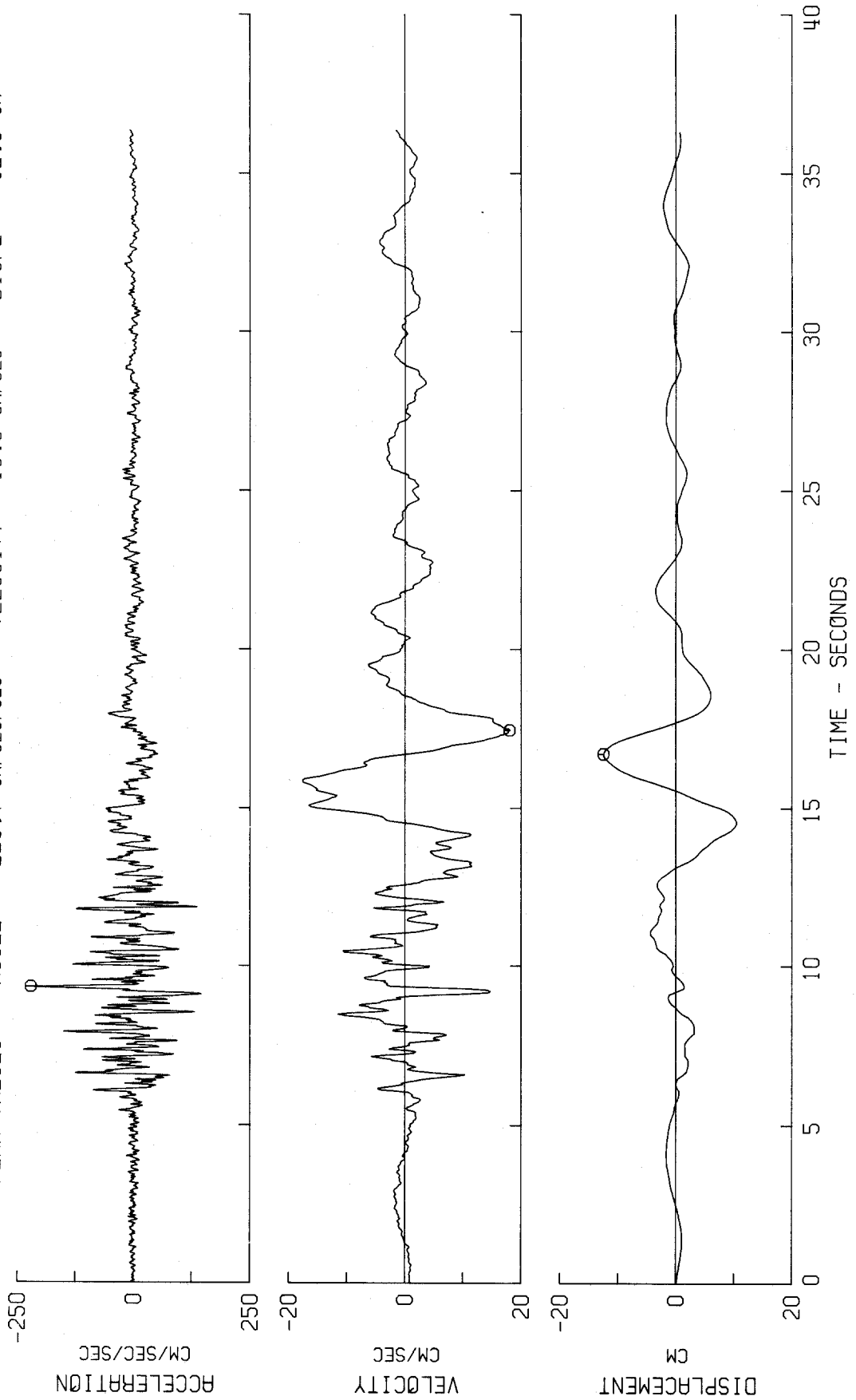
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR252 71.199.0 234 FIGUEROA STREET, ROOF, LOS ANGELES, CAL. COMP UP
PEAK VALUES : ACCEL = 103.4 CM/SEC/SEC VELOCITY = -10.1 CM/SEC DISPL = 4.5 CM



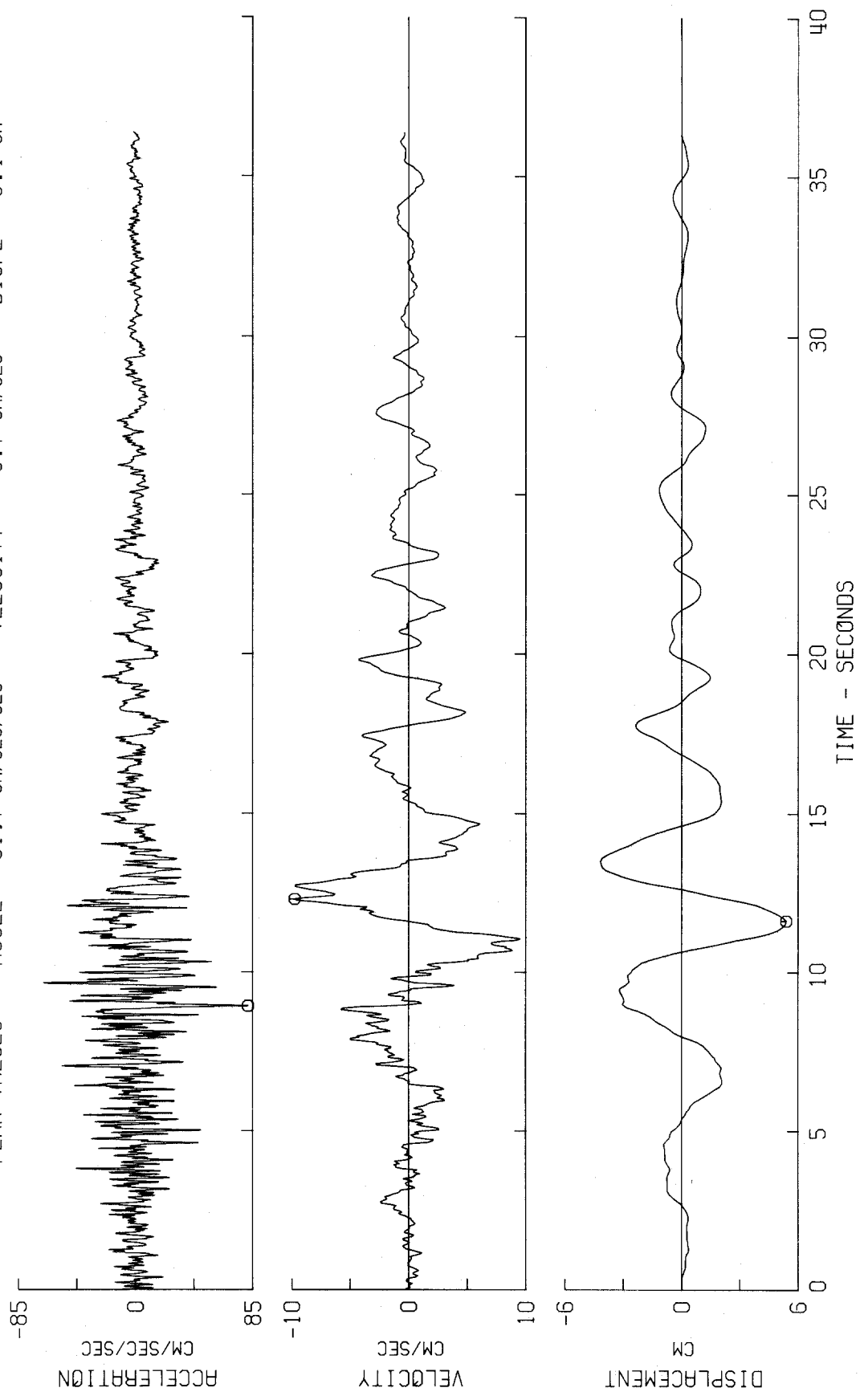
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR253 71.200.0 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL. COMP N30W
PEAK VALUES : ACCEL = 242.0 CM/SEC/SEC VELOCITY = 19.3 CM/SEC DISPL = 11.5 CM



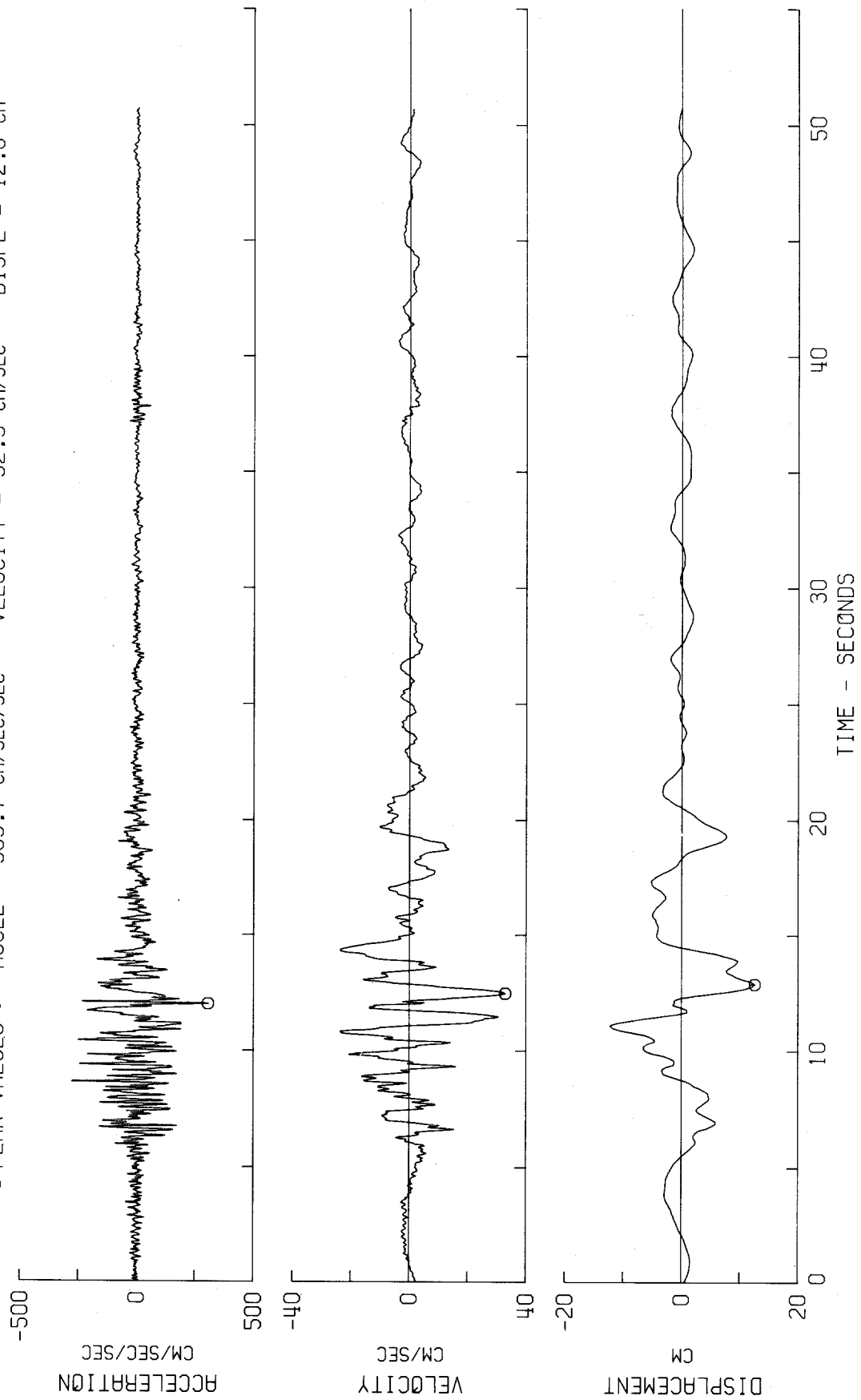
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR253 71.200.0 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL. COMP S60W
PEAK VALUES : ACCEL = -220.7 CM/SEC/SEC VELOCITY = 18.0 CM/SEC DISPL = -12.5 CM



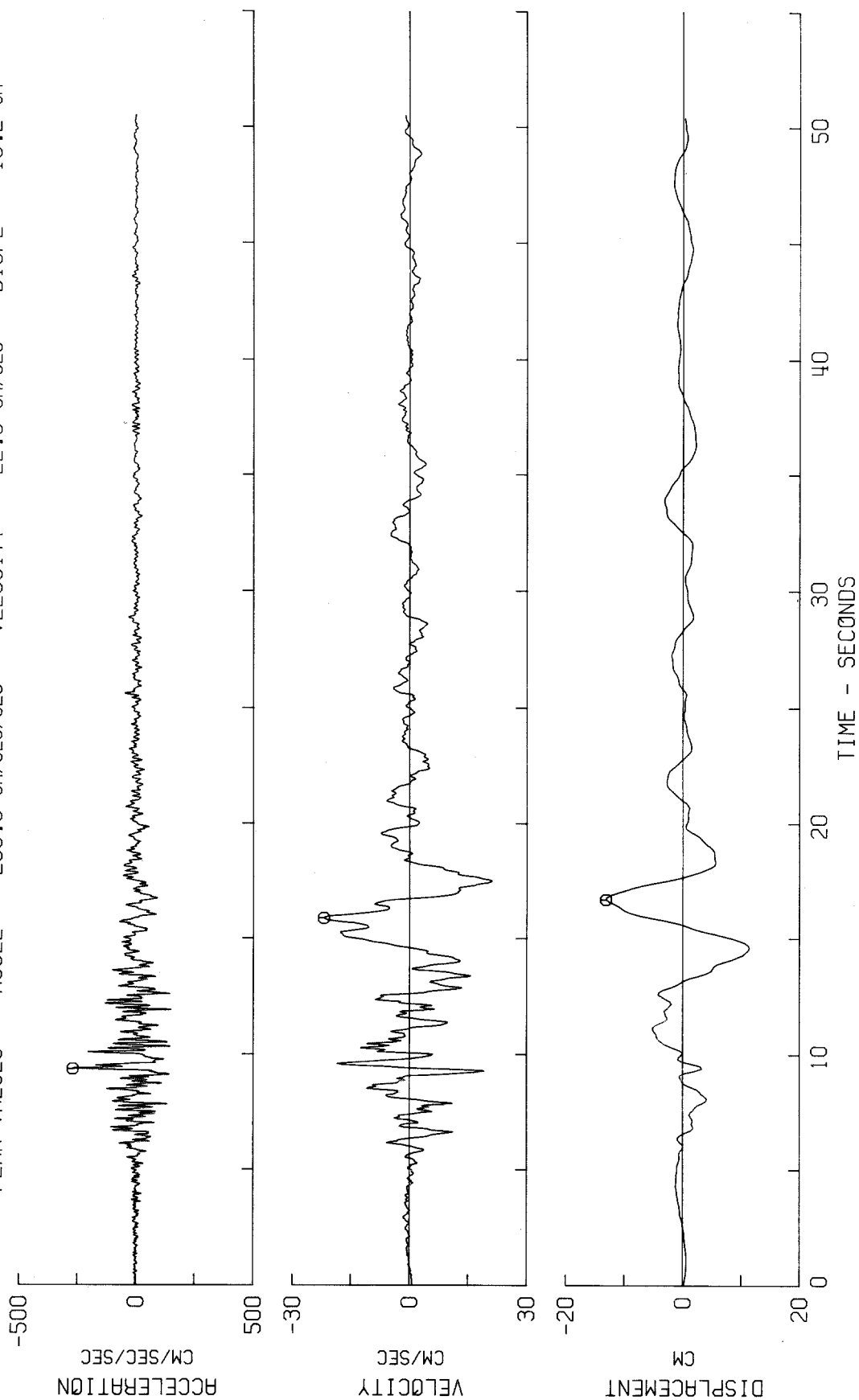
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR253 71.200.0 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL. COMP UP
O PEAK VALUES : ACCEL = 81.7 CM/SEC/SEC VELOCITY = -9.7 CM/SEC DISPL = 5.4 CM



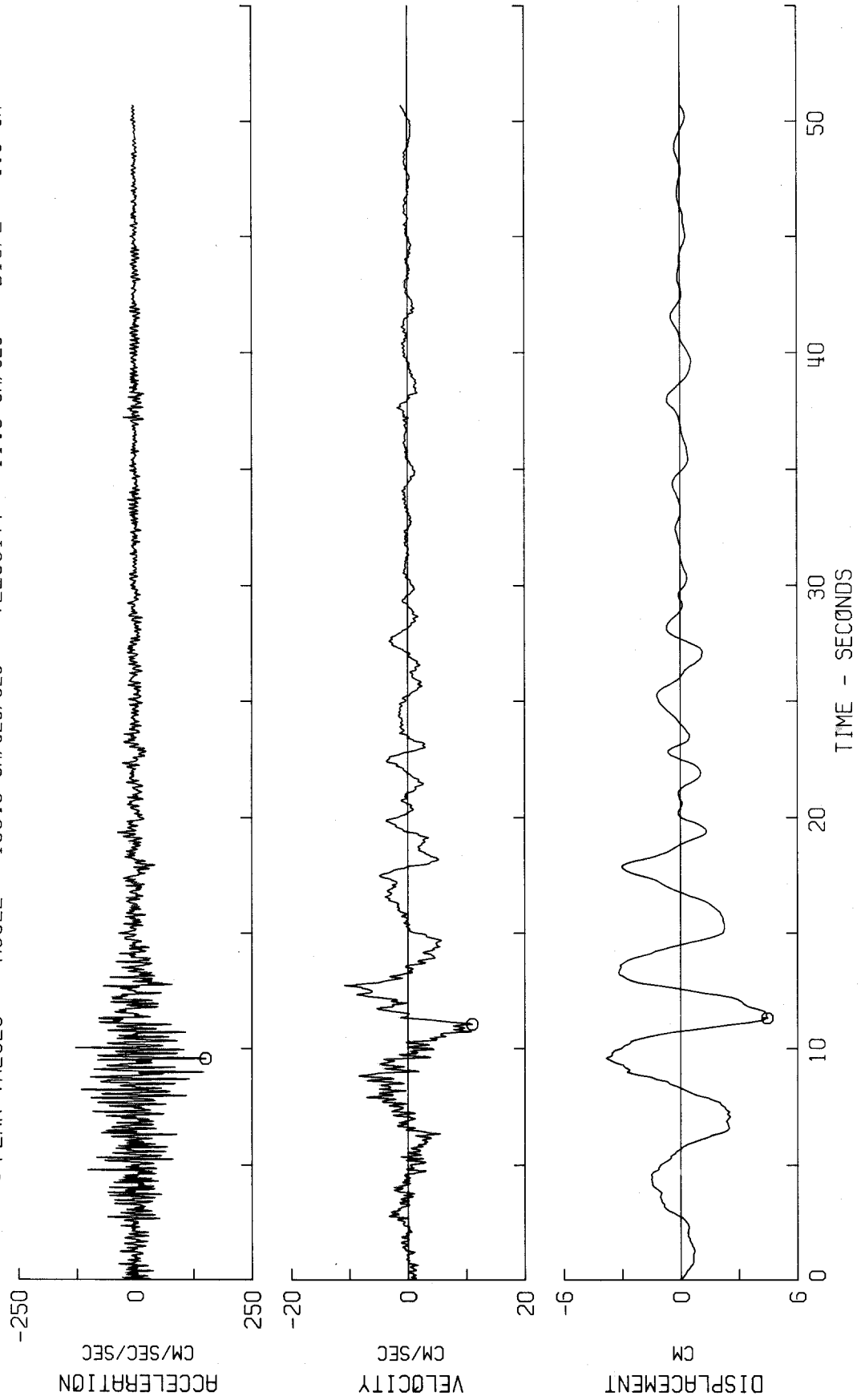
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIR254 71.201.0 535 S. FREMONT AVENUE, 6TH FLOOR, LOS ANGELES, CAL COMP N30W
 Ø PEAK VALUES : ACCEL = 305.7 CM/SEC/SEC VELOCITY = 32.9 CM/SEC DISPL = 12.6 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIR254 71.201.0 535 S. FREMONT AVENUE, 6TH FLOOR, LOS ANGELES, CAL COMP S60W
 @ PEAK VALUES : ACCEL = -268.5 CM/SEC/SEC VELOCITY = -22.0 CM/SEC DISPL = -13.2 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIR254 71.201.0 535 S. FREMONT AVENUE, 6TH FLOOR, LOS ANGELES, CAL COMP UP
o PEAK VALUES : ACCEL = 150.8 CM/SEC/SEC VELOCITY = 11.0 CM/SEC DISPL = 4.5 CM



IIQ233 71.162.0
STATION NO. 253
INSTR PERIOD = 0.03 SEC DAMPING = 0.592
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
14724 VENTURA BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP S12W 34 09 08N, 118 27 19W

PEAK VALS ACIN = -243.3 CM/SEC/SEC AT 7.68 SEC VELO = 31.6 CM/SEC AT 12.64 SEC DISP = 18.3 CM AT 13.78 SEC
INITIAL VELO = -0.31475 CM/SEC INITIAL DISP = 0.39108 CM

1826 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = -0.31475 CM/SEC INITIAL DISP = 0.39108 CM									
25	8	4	10	23	33	7	1	1	1
60	54	24	-22	-69	-93	11	55	60	34
-9	-39	-85	-94	-44	-51	-52	25	70	13
120	93	38	-37	-44	3	56	64	50	44
19	159	114	68	57	42	29	-58	-140	-139
-17	-59	-28	-48	-82	-23	15	36	64	124
128	18	-85	-157	-150	-43	66	71	48	-17
104	-117	-133	-71	51	-40	11	48	11	40
58	18	-6	43	-72	-127	-84	-65	-113	-93
140	94	33	-8	-116	-62	-121	-253	-133	-62
36	139	97	93	122	89	-58	-71	12	64
219	217	38	-227	-341	-275	-317	-230	-204	-239
-264	-321	-202	49	121	-40	81	221	41	-21
713	-328	-1127	-1556	-1886	-2235	-2247	-1884	-1161	-11
-1418	-1952	-1974	-1520	-646	194	469	305	159	-12
140	572	593	206	-137	-47	-52	-282	-472	-681
255	-13	62	25	-181	56	-155	-812	-1306	-1191
-346	-614	-960	-1335	-1643	-1296	-664	34	232	394
-405	-361	81	323	435	1015	848	117	108	584
617	-446	-1355	-2080	-2433	-1958	-1335	-914	-503	-117
-2091	-1839	-1193	-471	209	984	1125	506	-77	-674
-378	-336	-83	318	644	691	523	304	306	660
-711	-1082	-954	-38	850	796	297	-148	-457	-469
-441	6	389	198	-257	-288	204	486	245	-24
-265	482	910	587	223	-298	-596	-406	20	759
124	-135	-317	54	464	366	89	-36	-150	-153
1526	1916	2344	1798	542	-156	-1053	-1689	-1717	-1855
1060	1036	556	569	477	-68	-623	-717	-462	-41
-214	-43	79	189	239	173	65	-293	-617	-730
-321	-418	-613	-917	-655	79	659	848	1072	1371
427	361	324	397	452	428	296	321	66	-181
884	899	453	164	215	125	142	274	282	22
161	292	57	-1	-157	-402	-376	-139	-80	-114
-209	-195	-479	-584	-522	-199	211	266	62	-98
-176	-176	-322	-584	-588	-392	-258	-408	-768	-994
-168	-93	18	164	192	190	232	216	-1	-294
151	267	244	139	-150	-385	-512	-466	-465	-461
-146	-102	-55	8	145	272	340	306	274	301
130	355	628	668	610	617	575	449	399	447
333	198	157	91	4	-85	-80	43	115	142
-2091	-1839	-1193	-471	209	984	1125	506	-77	-674
-378	-336	-83	318	644	691	523	304	306	660
-711	-1082	-954	-38	850	796	297	-148	-457	-469
-441	6	389	198	-257	-288	204	486	245	-24
-265	482	910	587	223	-298	-596	-406	20	759
124	-135	-317	54	464	366	89	-36	-150	-153
1526	1916	2344	1798	542	-156	-1053	-1689	-1717	-1855
1060	1036	556	569	477	-68	-623	-717	-462	-41
-214	-43	79	189	239	173	65	-293	-617	-730
-321	-418	-613	-917	-655	79	659	848	1072	1371
427	361	324	397	452	428	296	321	66	-181
884	899	453	164	215	125	142	274	282	22
161	292	57	-1	-157	-402	-376	-139	-80	-114
-209	-195	-479	-584	-522	-199	211	266	62	-98
-176	-176	-322	-584	-588	-392	-258	-408	-768	-994
-168	-93	18	164	192	190	232	216	-1	-294
151	267	244	139	-150	-385	-512	-466	-465	-461
-146	-102	-55	8	145	272	340	306	274	301
130	355	628	668	610	617	575	449	399	447
333	198	157	91	4	-85	-80	43	115	142
-2091	-1839	-1193	-471	209	984	1125	506	-77	-674
-378	-336	-83	318	644	691	523	304	306	660
-711	-1082	-954	-38	850	796	297	-148	-457	-469
-441	6	389	198	-257	-288	204	486	245	-24
-265	482	910	587	223	-298	-596	-406	20	759
124	-135	-317	54	464	366	89	-36	-150	-153
1526	1916	2344	1798	542	-156	-1053	-1689	-1717	-1855
1060	1036	556	569	477	-68	-623	-717	-462	-41
-214	-43	79	189	239	173	65	-293	-617	-730
-321	-418	-613	-917	-655	79	659	848	1072	1371
427	361	324	397	452	428	296	321	66	-181
884	899	453	164	215	125	142	274	282	22
161	292	57	-1	-157	-402	-376	-139	-80	-114
-209	-195	-479	-584	-522	-199	211	266	62	-98
-176	-176	-322	-584	-588	-392	-258	-408	-768	-994
-168	-93	18	164	192	190	232	216	-1	-294
151	267	244	139	-150	-385	-512	-466	-465	-461
-146	-102	-55	8	145	272	340	306	274	301
130	355	628	668	610	617	575	449	399	447
333	198	157	91	4	-85	-80	43	115	142
-2091	-1839	-1193	-471	209	984	1125	506	-77	-674
-378	-336	-83	318	644	691	523	304	306	660
-711	-1082	-954	-38	850	796	297	-148	-457	-469
-441	6	389	198	-257	-288	204	486	245	-24
-265	482	910	587	223	-298	-596	-406	20	759
124	-135	-317	54	464	366	89	-36	-150	-153
1526	1916	2344	1798	542	-156	-1053	-1689	-1717	-1855
1060	1036	556	569	477	-68	-623	-717	-462	-41
-214	-43	79	189	239	173	65	-293	-617	-730
-321	-418	-613	-917	-655	79	659	848	1072	1371
427	361	324	397	452	428	296	321	66	-181
884	899	453	164	215	125	142	274	282	22
161	292	57	-1	-157	-402	-376	-139	-80	-114
-209	-195	-479	-584	-522	-199	211	266	62	-98
-176	-176	-322	-584	-588	-392	-258	-408	-768	-994
-168	-93	18	164	192	190	232	216	-1	-294
151	267	244	139	-150	-385	-512	-466	-465	-461
-146	-102	-55	8	145	272	340	306	274	301
130	355	628	668	610	617	575	449	399	447
333	198	157	91	4	-85	-80	43	115	142
-2091	-1839	-1193	-471	209	984	1125	506	-77	-674
-378	-336	-83	318	644	691	523	304	306	660
-711	-1082	-954	-38	850	796	297	-148	-457	-469
-441	6	389	198	-257	-288	204	486	245	-24
-265	482	910	587	223	-298	-596	-406	20	759
124	-135	-317	54	464	366	89	-36	-150	-153
1526	1916	2344	1798	542	-156	-1053	-1689	-1717	-1855
1060	1036	556	569	477	-68	-623	-717	-462	-41
-214	-43	79	189	239	173	65	-293	-617	-730
-321	-418	-613	-917	-655	79	659	848	1072	1371
427	361	324	397	452	428	296	321	66	-181
884	899	453	164	215	125	142	274	282	22
161	292	57	-1	-157	-402	-376	-139	-80	-114
-209	-195	-479	-584	-522	-199	211	266	62	-98
-176	-176	-322	-584	-588	-392	-258	-408	-768	-994
-168	-93	18	164	192	190	232	216	-1	-294
151	267	244	139	-150	-385	-512	-466	-465	-461
-146	-102	-55	8	145	272	340	306	274	301
130	355	628	668	610	617	575	449	399	447
333	198	157	91	4	-85	-80	43	115	142
-2091	-1839	-1193	-471	209	984	1125	506	-77	-674
-378	-336	-83	318	644	691	523	304	306	660
-711	-1082	-954	-38	850	796	297	-148	-457	-469
-441	6	389	198	-257	-288	204	486	245	-24
-265	482	910	587	223	-298	-596	-406	20	759
124	-135	-317	54	464	366	89	-36	-150	-153
1526	1916	2344	1798	542	-156	-1053	-1689	-1717	-1855
1060	1036	556	569	477	-68	-623	-717	-462	-41
-214	-43	79	189	239	173	65	-293	-617	-730
-321	-418	-613	-917	-655	79	659	848	1072	1371
427	361	324	397	452	428	296	321	66	-181
884	899	453	164	215	125	142	274	282	22
161	292	57	-1	-157	-402	-376	-139	-80	-114
-209	-195	-479	-584	-522	-199	211	266	62	-98
-176	-176	-322	-584	-588	-392	-258	-408	-768	-994
-168	-93	18	164	192	190	232	216	-1	-294
151	267	244	139	-150	-385	-512	-466	-465	-461
-146	-102	-55	8	145	272	340	306	274	301
130	355	628	668	610	617	575	449	399	447
333	198	157	91	4	-85	-80	43	115	142
-2091	-1839	-1193	-471	209	984	1125	506	-77	-674
-378	-336	-83	318	644	691	523	304	306	660
-711	-1082								

IIQ233 71.162.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 253 14724 VENTURA BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N78W 34 09 08N, 118 27 19W

PEAK VALS ACCLN = 197.0 CM/SEC/SEC AT 6.72 SEC VELO = -17.8 CM/SEC AT 14.30 SEC DISP = 9.5 CM AT 13.70 SEC

INITIAL VELO = 2.68552 CM/SEC INITIAL DISP = -0.17151 CM
 1825 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-10	12	25	38	1	-42	-25	-18	-20	-23	-26	-23	-34	-17	7	-14	-25	-31	-11	-31	-45
-60	-25	-3	-7	-34	-14	-47	-64	-2	1	-84	-7	-5	-28	-45	-93	-84	-6	-15	-9	25
48	35	41	19	6	35	-13	-109	-101	-59	-84	12	66	-4	-116	-122	67	108	64	-63	-116
54	58	-14	18	-52	-82	-94	-115	-101	-39	-59	-32	-40	16	-21	-77	-29	-67	-79	-24	60
59	-128	-210	20	129	125	-41	-111	39	39	39	-8	-29	-61	12	20	62	58	-71	-172	-94
-51	40	68	10	71	-28	-52	-9	10	-16	-16	-53	74	115	-48	-168	-223	-63	50	41	44
101	29	-3	41	61	7	-13	-63	-127	-84	-84	4	-56	-55	-77	-185	-103	8	-60	-47	16
155	200	56	-12	11	-10	-97	-90	-50	-30	-30	-4	-98	-62	-6	-137	-222	-47	204	202	73
-30	52	39	-10	-15	-10	58	265	148	-174	-174	-351	-153	-88	-159	-155	-201	-138	163	237	149
150	173	246	131	-85	48	60	-177	-198	-206	-206	-134	-70	-130	-90	195	326	254	169	72	108
251	211	79	65	-72	-72	21	22	-151	-120	-120	82	260	199	-47	37	-40	33	56	-48	-56
0	-87	-49	88	306	162	67	-22	14	253	253	221	-16	-145	-174	-94	271	354	-262	-140	443
134	-757	-691	-505	-522	-639	-124	289	390	528	528	314	85	-112	-195	-78	207	506	679	602	287
192	356	-51	-195	-2	-80	101	-244	-815	-1019	-1019	-847	-742	-733	588	1888	1918	1924	1528	143	-647
-1034	-1169	-552	856	1299	479	329	-374	-1567	-1521	-1521	-581	-122	-564	-162	582	459	499	188	-121	-73
-166	316	436	566	746	49	-403	-760	-493	-117	-117	776	751	143	113	13	-305	-187	488	741	724
1069	619	-31	-401	-1031	-1024	-735	-517	-230	-17	-17	-212	-685	-1123	-919	-51	1301	1970	677	192	244
-127	-238	-526	-459	-83	-33	-274	131	241	185	185	669	295	-522	-814	-635	-798	-982	-589	-44	579
603	40	-245	-422	-780	-424	294	581	344	810	810	705	-623	-1527	-1111	88	528	293	-163	-819	-1311
-686	542	1072	1405	1147	838	-346	-957	-540	67	67	-283	45	-144	-507	-223	-90	109	787	533	184
43	-660	-1005	-1133	-927	-1	278	-498	-77	462	462	522	576	531	305	610	295	-415	-818	-906	-801
-390	190	328	-201	-623	-382	483	1320	1136	120	120	-88	-125	-390	-694	-174	548	1121	1306	795	293
183	-59	-128	-117	-542	-405	78	-219	-797	-1080	-1080	-942	-473	247	792	336	-266	-555	-697	-770	-406
26	657	1538	1796	1666	1118	609	103	-283	-1091	-1091	-1155	-674	-604	-566	-527	-281	-204	-525	-778	-471
-82	260	474	295	421	471	436	-294	-919	-426	-426	339	511	891	525	-79	-484	-1018	-718	-264	-284
62	538	665	127	115	245	181	555	422	-250	-250	149	87	-588	-469	327	318	75	31	380	514
905	1416	1471	976	263	-311	-504	-461	-938	-1198	-1198	-963	-535	130	717	723	386	-591	-1310	-1470	-957
-208	288	710	937	1318	1226	881	546	109	-453	-453	-730	-592	-57	22	425	-121	497	686	-8	-804
-745	-377	104	675	898	796	741	606	496	130	130	-271	-549	-192	550	464	-71	13	-326	-344	-7
-174	-369	2	393	625	1075	1123	719	487	287	287	332	230	-14	-129	-168	31	-71	-217	-317	-479
-430	54	104	-59	-93	-241	-273	177	208	-264	-264	-422	-207	-328	-373	-139	226	686	351	225	331
1	-366	-235	17	132	381	430	321	186	85	85	-165	-152	-194	-477	-430	-363	-425	-510	-491	-423
-174	-279	-397	-154	-43	-20	-80	-216	-122	-53	-53	-47	-93	-219	-289	-243	-382	-317	52	358	243
-36	50	412	194	-155	-322	-221	-287	-224	-67	-67	-14	161	417	365	331	289	251	327	336	157
-227	-332	-393	-578	-704	-944	-1051	-825	-707	-718	-718	-589	-357	-70	281	265	237	27	-182	-238	-101
-162	-366	-406	-314	-170	-56	-24	-151	-200	-311	-311	-593	-651	-394	-352	-320	143	439	438	368	187
-27	-99	-78	269	461	300	257	143	-291	-356	-356	-84	-218	-107	-105	-105	-91	-50	-23	106	69
141	376	500	456	445	524	526	542	601	516	516	559	805	965	853	569	237	34	47	71	-40
-221	-254	-219	-200	-197	-192	-101	129	226	361	361	557	594	474	289	193	335	343	201	221	235
260	236	203	296	311	80	-215	-280	-351	-468	-468	-333	-71	-59	-234	-303	-299	-107	190	398	471

IIQ233 71.162.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 253 14724 VENTURA BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UP 34 09 08N, 118 27 19W

PEAK VALS ACIN = 96.8 CM/SEC/SEC AT 6.68 SEC VELO = 9.7 CM/SEC AT 13.02 SEC DISP = -3.8 CM AT 10.96 SEC

INITIAL VELO = 0.30437 CM/SEC INITIAL DISP = -0.01152 CM
 1829 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

315	221	89	-42	-43	8	4	-59	-94	-71	-21	54	68	-15	-95	-13	70	81	-25	-118
-70	46	99	7	-72	-118	-87	14	110	264	230	143	23	-84	-44	-88	-184	-181	-65	51
106	-39	-97	81	297	115	74	-101	17	80	-13	-350	-272	-27	448	362	-147	-624	-441	-17
278	225	-28	-164	-47	75	221	10	-207	-272	-41	202	228	-43	-400	-472	-409	-23	398	313
152	19	-101	9	84	-33	-2	-35	-11	0	125	122	-106	-246	-429	-331	-163	41	207	217
99	-42	-20	-68	-191	-147	-112	134	256	380	330	73	-157	-194	-140	106	70	17	-6	-29
54	68	99	29	-14	96	212	277	164	-229	-323	-94	112	91	95	39	81	-56	-85	-94
60	79	124	-23	-24	14	-12	1	-166	-387	-100	89	-25	-123	-251	-51	212	262	-125	-321
-180	-64	177	176	145	240	163	-31	-127	-24	161	206	198	-154	-389	-197	-144	105	141	36
-265	-106	262	500	-27	-252	-178	46	238	33	-160	-305	-89	255	518	314	14	-376	-294	19
426	393	130	217	269	226	-152	-269	-287	-317	-184	17	106	57	-152	-402	-627	15	651	427
-34	-239	-222	94	72	133	94	334	117	-228	-288	-342	117	319	45	-352	-493	-172	120	241
103	-157	-26	356	383	164	197	184	47	-82	-46	-266	-268	-65	-248	-216	-217	-64	372	490
274	-9	-176	-139	-120	-92	-160	-69	-235	-96	18	314	134	72	-177	-393	-415	-290	-114	-182
-248	62	292	479	333	1	-276	10	182	487	343	-241	-503	-466	-256	-176	-534	-472	-290	351
652	909	701	342	341	227	354	318	433	414	224	-83	-241	-351	-323	-271	-24	-54	-150	4
314	409	378	306	22	45	210	-9	-100	-530	-561	-507	-14	622	968	692	92	-504	-557	-104
223	49	-416	-528	-217	215	284	276	90	-239	-23	144	62	-167	-458	-397	-478	-299	-356	-324
-65	305	331	294	23	-30	47	-120	-193	-273	-467	-458	-320	-44	-63	45	93	280	212	36
61	304	399	204	-144	-322	-176	-50	256	254	121	-24	-228	-158	-224	-172	-163	-62	110	384
651	550	218	-109	-354	-353	-94	-105	206	304	95	39	-341	-411	-177	134	-22	-133	-431	-256
248	656	599	428	263	136	13	-120	-225	-331	-440	-408	-536	-472	-274	-170	-118	-95	-85	35
175	358	420	426	-8	-350	-432	-257	14	486	605	389	157	-107	-217	-330	-174	-48	214	242
178	273	114	-89	-266	-369	-352	-53	164	329	358	61	-288	-495	-242	2	109	130	68	24
-145	-2	-14	-152	-59	10	99	478	606	448	82	-430	-696	-515	-510	-431	-371	-320	121	257
212	76	40	141	348	185	-157	-473	-380	-304	70	250	133	268	494	451	229	39	-175	-262
-379	-611	-561	-887	-671	-338	21	381	398	300	404	276	165	255	326	166	3	-182	18	342
323	-14	-109	-188	-78	173	404	664	631	369	90	53	66	114	-253	-440	-261	-20	190	479
503	338	50	-232	-315	-404	-327	-255	-172	179	405	335	240	161	-235	-384	-199	-70	-115	130
300	235	245	403	388	272	80	-255	-459	-450	-261	-24	-17	-79	-190	-144	-54	-113	-10	237
374	267	224	-93	-131	-156	-125	-17	73	-12	41	83	122	37	-19	-98	-121	-129	1	120
191	331	267	171	211	133	-45	-25	-23	38	201	352	217	123	2	-266	-223	-174	-156	-193
-154	-128	16	308	373	364	396	460	488	394	225	-76	-297	-353	-218	-190	-320	-303	-306	-322
-272	-346	-308	-197	-169	-138	-203	-244	-213	-221	-223	-274	-254	-191	60	185	191	127	76	51
73	31	-77	-121	-106	-33	-5	-57	-123	-110	49	128	179	58	-73	-196	-112	-3	78	-132
-260	-349	-349	-373	-408	-411	-306	-161	0	159	161	168	209	207	148	84	35	12	69	-25
-96	-246	-370	-390	-400	-291	-138	12	201	256	310	259	242	256	194	104	-17	-68	-36	-87
73	231	273	256	233	241	222	197	175	123	218	191	169	145	95	-54	-53	27	81	162
114	10	-76	-56	-13	12	33	-3	28	115	218	191	169	145	95	177	160	208	200	149
96	10	-112	-230	-199	-131	-79	-4	-35	-93	-95	-91	-90	-28	-47	-47	19	21	7	-8

II0234 71.163.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 254 14724 VENTURA BOULEVARD, 6TH FLOOR, LOS ANGELES, CAL.
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S12W 34 09 08N, 118 27 19W

PEAK VALS ACCLN = -375.1 CM/SEC/SEC AT 10.48 SEC VELO = -29.1 CM/SEC AT 10.56 SEC DISP = -15.9 CM AT 11.96 SEC

1942 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 2.28368 CM/SEC INITIAL DISP = -1.65620 CM

-75	-17	5	75	67	235	275	82	-69	-28	37	2	-263	-358	-20	436	492	-91	-365	26	245
53	39	19	14	-10	-65	-65	-161	-143	-50	42	114	148	126	54	-57	-143	-189	-50	46	71
105	165	14	-154	-289	-218	-89	-7	5	116	209	100	-69	-209	-313	-224	-224	-101	5	70	115
148	76	-105	-207	-176	-105	-14	33	121	209	175	-10	-75	-167	-273	-243	-243	-71	83	202	160
82	170	162	27	-131	-142	-57	1	78	33	-161	-100	26	74	94	38	38	-81	-142	-88	54
88	28	-19	-19	-1	-168	-224	-145	-9	154	257	312	140	-253	-580	-489	-489	-159	223	394	501
603	339	-73	-590	-745	-589	-355	158	702	674	450	45	-398	-809	-829	-414	-414	136	594	790	603
309	-164	-725	-875	-640	-277	249	593	692	511	162	-395	-697	-742	-421	319	319	732	723	609	282
-205	-358	-501	-461	-148	312	532	461	214	-112	-423	-326	-198	39	72	81	81	123	-97	-215	-137
-250	-254	-128	-27	63	-127	-344	-182	-104	-78	-103	-139	-73	-109	-181	48	48	273	93	22	28
-57	5	75	67	235	275	82	-69	-28	37	2	-263	-358	-20	436	492	-91	-365	26	245	
-22	-25	-75	-166	-349	-498	-428	-243	-155	-134	161	600	463	52	78	-90	-90	-257	-358	-460	-474
-267	54	255	398	454	354	200	231	32	-201	-365	-673	-587	-157	447	1367	2116	1901	1267	751	
-532	-2252	-3007	-2652	-2193	-1632	-709	867	2013	2646	2788	1978	744	-1108	-1950	-1768	-1768	2753	277	930	314
-895	-1761	-1829	-1471	-245	1140	2039	2180	1446	370	-480	-405	123	299	322	516	516	850	1044	683	318
428	801	768	101	-161	243	140	-65	-90	-52	218	478	150	-187	-13	333	333	380	97	-95	-221
-147	-293	-773	-850	-652	-476	-797	-1360	-716	762	2112	2398	1588	-143	-958	-1358	-1358	-1661	-1444	-824	308
1266	1016	147	-709	-785	-226	228	574	1034	1532	1739	1127	-309	-1273	-1890	-1860	-1860	-1232	-270	794	1285
1168	691	395	-117	-576	-841	-845	-231	625	685	-38	-31	201	280	652	1294	1294	1821	1792	1183	102
-1577	-2992	-2917	-2317	-1040	904	2038	1926	1811	1380	657	38	-122	333	532	-283	-283	-1029	-1916	-2308	-2042
-1218	-337	1067	2120	2299	975	-724	-2207	-3518	-3347	-2226	-779	682	2194	2868	1876	1876	101	-1239	-2485	-2381
-1668	-265	1481	2685	2357	1475	783	48	-695	-943	-718	429	1348	1649	1238	1010	1010	694	-315	-1587	-1676
-866	657	1825	2111	1685	1073	-84	-1002	-1678	-2055	-1190	596	2009	2332	1298	-16	-16	-1702	-2813	-2480	-1785
-739	241	660	1156	1353	353	-1373	-2339	-2542	-1981	-1335	-517	159	744	1354	1595	1595	491	-756	-741	-315
78	-50	-62	254	696	929	1121	1390	1799	1639	836	-244	-1346	-1766	-1775	-1104	-1104	367	1600	1963	1641
1284	559	-847	-1854	-2083	-1468	-513	-76	-418	-456	-401	-188	23	-279	-665	-604	-604	-46	828	1429	1636
1321	140	-1428	-2888	-3751	-3520	-2708	-1328	448	1675	2431	2858	2470	727	-1176	-1531	-1531	-1358	-603	-96	459
1484	207	1155	-79	-785	-840	-109	268	513	821	1122	885	89	-585	-760	-629	-629	-415	-28	584	870
644	26	-231	-461	-1025	-1772	-1594	-875	-392	265	970	1125	575	-139	-834	-1416	-1416	-1746	-1661	-1102	-402
41	537	1132	1587	1580	1243	900	462	56	-215	-252	-146	80	504	789	1024	1024	1280	1297	1300	1125
828	709	483	344	306	263	410	804	1506	1756	1600	1308	901	296	-103	-128	-128	48	271	303	210
224	235	-17	-274	-309	-318	-198	-34	197	257	137	-176	-703	-933	-738	-292	-292	194	669	828	698
285	-378	-1096	-1522	-1206	-466	288	540	643	217	-301	-961	-1779	-1854	-1107	-83	-83	561	681	440	134
-292	-456	-609	-647	-515	-216	100	402	624	438	129	-63	-241	-573	-681	-632	-632	-383	-45	197	138
187	163	-66	-416	-784	-1100	-1145	-972	-622	-331	-86	38	82	-117	-413	-834	-834	-922	-633	-275	19
127	120	-109	-536	-905	-1165	-1273	-1188	-845	-428	14	245	330	433	595	-834	-834	318	64	-178	-210
-221	-369	-355	-159	5	164	414	658	680	507	230	-66	-215	-306	-328	-277	-277	-84	123	251	294
269	202	102	-48	-208	-306	-265	-175	-61	-99	-230	-218	-167	-97	51	317	317	703	950	865	609
396	181	75	127	369	693	1124	1493	1651	1472	1009	687	394	149	-15	105	105	485	663	644	647
640	559	469	358	254	215	129	121	280	366	239	147	133	101	82	60	60	123	243	252	112

-63	-340	-626	-707	-661	-661	-653	-568	-284	56	113	-87	-328	-526	-574	-593	-486	-275	-5	207
366	403	456	423	273	77	-55	-116	-201	-281	-204	-32	176	430	461	375	302	97	-233	-541
-704	-669	-448	-164	3	65	34	24	-24	-92	-175	-231	-232	-286	-310	-226	-192	-204	-121	-41
37	-10	-154	-282	-400	-514	-609	-658	-686	-635	-514	-219	-19	-27	-192	-368	-595	-776	-906	-838
-610	-204	239	366	136	-290	-523	-669	-685	-588	-252	291	768	702	316	-162	-551	-742	-601	-236
388	807	978	810	549	315	108	-117	-209	-113	37	152	118	46	25	107	262	495	699	631
493	385	275	77	-60	-64	46	162	124	31	-8	-68	-176	-239	-274	-340	-291	-219	-54	74
206	276	323	235	179	131	174	225	346	456	625	635	564	507	468	441	337	309	352	358
328	251	182	111	1	-93	-113	-98	-79	-24	67	252	220	-68	-294	-438	-560	-649	-568	-434
-254	-150	-221	-439	-631	-739	-681	-575	-372	-83	119	169	142	50	-53	-187	-399	-540	-421	-187
48	247	408	448	469	425	367	406	545	762	906	993	1063	988	846	667	537	507	521	524
541	568	579	517	481	501	486	404	325	281	235	224	190	183	236	160	-21	-299	-537	-664
-636	-554	-443	-261	-149	-232	-387	-550	-605	-605	-572	-527	-451	-372	-362	-494	-608	-677	-581	-514
-444	-428	-386	-362	-441	-543	-571	-550	-507	-390	-338	-422	-462	-446	-439	-442	-419	-321	-207	-124
-110	-161	-172	-168	-99	2	75	131	117	60	-18	-77	-89	-90	-89	-61	29	50	-28	-148
-279	-283	-164	-22	81	221	376	494	555	497	406	294	226	175	252	370	535	680	712	630
495	239	35	-118	-76	-4	16	57	113	84	-127	-184	-157	-20	128	128	252	204	64	-83
-256	-302	-340	-340	-267	-172	-46	28	129	231	175	69	-35	-139	-228	-244	-133	5	118	193
228	244	220	196	131	99	235	324	416	545	560	543	462	271	157	74	-7	-27	36	92
117	128	156	161	144	97	8	-101	-196	-264	-231	-183	-133	-133	-189	-287	-442	-522	-583	-508
-341	-148	-28	30	-73	-179	-280	-405	-448	-389	-249	-26	101	156	136	38	-8	-59	-99	-11
121	180	128	69	52	66	64	80	88	163	183	210	203	197	185	132	92	105	146	187
214	174	102	-6	-89	-137	-181	-172	-117	-72	66	108	71	-5	-122	-182	-80	16	-23	-18
12	76	74	8	-56	-49	-22	10	66	62	93	151	180	192	232	227	173	54	-22	26
125	151	115	75	60	86	66	29	-4	28	102	151	120	116	111	99	37	12	31	75
79	56	16	-10	-22	-51	-132	-178	-168	-188	-179	-177	-215	-195	-223	-218	-234	-236	-236	-206
-198	-234	-267	-292	-230	-108	26	47	-24	-99	-118	-100	-71	-27	43	109	116	55	37	-3
-22	-5	75	211	299	-290	141	25	-3	-16	-33	-58	-97	-135	-122	-138	-164	-195	-176	-203
-188	-148	-156	-185	-218	-276	-314	-283	-219	-193	-185	-190	-192	-258	-296	-268	-246	-235	-145	-86
-14	5	64	152	223	253	259	264	254	243	249	265	277	329	354	354	380	359	300	244
283	255	186	121	64	6	-48	-71	-52	-50	-29	-77	-118	-100	-63	-37	-27	13	-43	-146
-259	-272	-261	-175	-35	148	263	278	211	145	74	26	51	107	159	225	287	294	291	291
291	289	289	263	219	174	126	100	115	184	212	206	175	68	-15	-139	-281	-380	-395	-348
-229	-140	-139	-197	-244	-300	-353	-388	-375	-314	-208	-128	-136	-194	-216	-237	-230	-157	-41	55
200	285	309	315	304	313	363	412	467	490	468	423	415	379	319	300	391	466	482	435
405	384	358	273	120	-30	-120	-195	-270	-311	-294	-256	-223	-261	-333	-434	-543	-690	-750	-755
-721	-649	-555	-477	-471	-467	-445	-474	-500	-552	-489	-408	-303	-217	-155	-91	11	30	30	84
184	255	309	350	342	344	342	346	374	420	422	421	420	419	394	347	311	279	270	270
257	246	245	242	216	129	-5	-103	-187	-274	-349	-408	-383	-309	-235	-238	-305	-407	-507	-591
-714	-692	-572	-455	-308	-155	-117	-161	-214	-277	-384	-388	-320	-177	-38	157	217	217	189	167
134	140	200	260	310	395	395	364	351	311	287	297	301	316	384	411	348	276	207	147
101	105	116	168	228	212	129	28	-85	-116	-110	-64	-31	20	55	48	27	-26	-99	-92
-72	-24	22	43	60	53	57	37	12	16	14	-17	-48	-18	23	95	91	63	51	56
74	97	69	106	122	107	89	63	65	64	61	34	11	49	77	73	32	13	11	-24
-75	-78	-66	-71	-70	-68	-57	-52	-14	-31	-45	-70	-72	-97	-137	-159	-156	-113	-81	-83
-81	-87	-107	-124	-104	-80	-47	6	85	108	-20	-154	-217	-277	-422	-474	-311	-108	-26	4
25	16	-51	-126	-121	-103	-143	-184	-163	-137	-106	-67	-9	22	-109	-222	-293	-316	-220	-69
59	186	299	141	-166	-333	-473	-505	-370	-6	386	624	709	533	156	-296	-547	-536	-441	-199
225	449	559	570	489	338	175	7	-77	-14	47	122	241	370	375	342	304	273	238	181
133	150	139	71	16	-19	21	98	157	207	173	78	-81	-267	-396	-451	-414	-198	34	151

[illegible]

IIQ234 71.163.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 254 14724 VENTURA BOULEVARD, 6TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N78W 34 09 08N, 118 27 19W

PEAK VALS ACLN = -287.4 CM/SEC/SEC AT 10.96 SEC VELO = -23.6 CM/SEC AT 14.22 SEC DISP = -7.8 CM AT 28.68 SEC

1943 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = -0.05763 CM/SEC INITIAL DISP = -0.85296 CM

13	14	20	24	-18	8	27	28	-1	9	49	32	6	-8	24	47	52	30	-10	18
28	-1	12	62	33	34	2	25	15	-24	-17	28	88	91	40	16	-16	30	-132	-98
-45	1	100	63	56	69	33	-56	-68	-103	-99	-45	-17	24	72	18	-8	38	-1	-22
-67	-83	-21	66	115	112	-9	-102	-157	-102	-12	9	51	93	128	133	119	12	-118	-151
-138	-56	42	29	84	165	149	73	-43	-58	-63	-72	-114	-120	1	93	182	156	41	-86
-171	-171	-156	-68	38	148	138	142	165	45	-75	-177	-108	13	-51	-53	-55	-54	-10	95
-135	159	154	106	-28	-128	-122	-109	-99	-70	-4	101	151	18	-98	-207	-159	-108	-81	-83
-120	129	331	169	-17	-86	-213	-361	-380	-307	-152	108	246	269	212	23	-168	-186	-151	-121
-35	129	177	151	119	53	31	48	-43	-177	-220	-182	-11	-47	-112	-30	47	141	189	217
-34	101	177	151	119	53	31	48	-43	-177	-220	-182	-11	-47	-112	-30	47	141	189	217
168	81	70	9	-149	-149	-112	-211	-280	-308	-223	-15	49	-40	112	222	266	140	29	-125
-106	-27	-88	-38	39	90	30	24	-14	-51	-15	71	87	41	180	85	-73	33	44	-34
-109	-132	-15	62	140	118	73	124	48	-48	-177	-223	-149	-152	-26	219	369	146	23	59
-89	-456	-838	-845	-883	-760	-111	713	1001	849	602	72	-532	-1081	-1116	-753	-132	635	1172	1289
1088	711	-223	-903	-1251	-1233	-859	-405	-252	131	323	226	360	975	1515	1645	1599	1094	-66	-1431
2207	-2028	-550	528	1007	1508	1649	1100	-126	-1249	-1611	-2007	-1791	-863	395	1514	1730	1434	1058	5
-826	-1078	-1152	-917	-607	-314	70	255	514	716	886	669	90	-388	-430	-327	-93	135	741	1494
1745	1374	712	-212	-1086	-1391	-1248	-795	-237	608	1019	886	384	736	1422	1573	865	-404	-846	-704
-963	-1248	-1198	-490	149	513	820	954	810	625	-62	-857	-1628	-1454	-1177	-1112	-706	342	1264	1608
549	-145	-891	-891	-1027	-928	-969	11	1093	1370	414	-205	-248	236	147	-487	-872	-954	-682	145
909	1175	1298	1507	1382	452	-843	-1229	-1419	-1366	-819	-95	614	996	1153	1550	1518	457	-574	-1030
1610	-2104	-1723	-377	422	657	1078	1587	1516	850	-96	-622	-820	-1127	-1782	-1665	-972	-444	144	649
1044	738	390	65	17	1044	-319	-521	-353	-201	-77	-69	52	508	1135	1395	1176	775	323	-214
-604	-856	-883	-523	-82	-114	-48	163	328	242	158	232	219	-19	-546	-925	-830	-674	-346	272
993	1486	1475	961	524	-249	-1399	-2305	-2205	-1984	-1239	-371	333	1009	1428	1084	530	10	-301	-601
1143	-1116	-627	20	375	377	328	525	704	807	583	32	-541	-1070	-1205	-935	-684	-407	520	1253
1631	1823	1339	807	112	-485	-1033	-1289	-1223	-1153	-504	446	1009	1087	843	879	1098	1098	786	516
42	-505	-610	-739	-1079	-1249	-1276	-989	-349	514	1159	1714	1589	613	-838	-1451	-1774	-1935	-1718	-990
410	2087	2525	2402	1487	469	-722	-1931	-2874	-2594	-2022	-1241	-162	1570	2485	2208	1168	507	85	-369
-963	-1140	-786	-25	761	1274	1173	795	426	409	435	-27	-476	-462	-169	94	133	33	171	653
904	1027	1046	903	512	62	-101	-220	-413	-556	-625	-413	1	189	91	-30	-34	238	368	-53
-377	-361	-406	-194	-176	-251	-346	-273	-161	-131	-82	163	567	688	452	336	182	-209	-542	-621
-353	53	403	719	885	816	531	367	-56	-609	-891	-724	-473	-353	-32	513	874	687	292	146
100	-168	-612	-771	-653	-484	-439	-249	-54	41	86	-62	-159	-146	-151	-237	-430	-347	-47	-30
-249	-287	-209	-218	-304	-277	-47	282	560	565	542	501	500	507	387	111	-279	-501	-446	-479
-494	-486	-319	-100	-2	23	47	183	225	101	-11	-192	-400	-590	-768	-775	-820	-911	-907	-742
-437	-210	-228	-262	-373	-649	-955	-939	-949	-815	-445	3	336	561	620	431	190	20	30	24
-67	-74	43	169	348	487	494	505	553	638	614	534	492	404	322	295	544	780	899	869
818	755	620	468	310	288	381	346	191	49	-66	-69	-65	-99	-225	295	-378	-263	-125	-145
-137	-44	156	264	272	305	325	217	-5	-61	-65	-60	-50	12	92	210	319	439	505	344
185	95	-25	-222	-276	-91	172	293	295	361	542	663	598	521	483	434	246	-110	-394	-459

-544	-572	-497	-314	-200	-118	-37	-17	-119	-342	-589	-749	-846	-805	-694	-611	-535	-443	-405	-432
-465	-530	-686	-817	-785	-661	-476	-264	-44	177	244	208	201	173	124	58	10	-23	-30	50
191	229	324	425	525	492	366	358	433	446	381	379	454	462	278	49	-84	-175	-261	-271
-216	-148	-10	38	20	-1	-61	-126	-255	-361	-351	-340	-363	-302	-185	-63	-17	-133	-284	-460
-612	-683	-603	-428	-14	294	421	405	459	395	326	8	213	-153	-7	255	518	639	706	697
633	476	323	205	217	290	379	455	513	591	654	612	427	229	50	-51	15	143	273	354
414	432	348	221	57	-172	-387	-499	-431	-389	-414	-453	-458	-444	-423	-403	-367	-324	-377	-385
-385	-414	-427	-414	-404	-405	-415	-392	-391	-443	-472	-437	-410	-360	-286	-239	-208	-183	-237	-272
-262	-249	-225	-228	-258	-249	-171	-124	-130	-149	-139	-78	9	26	31	47	54	55	42	-1
-56	-81	-102	-67	54	204	202	195	233	252	274	301	372	442	518	536	489	417	365	309
254	233	283	372	505	654	664	650	596	581	512	522	472	394	409	449	458	458	455	434
397	368	303	220	132	70	42	70	151	215	284	317	311	300	210	21	-191	-550	-706	-636
-593	-542	-485	-376	-220	-124	-246	-400	-579	-626	-612	-611	-541	-364	-243	-218	-186	-187	-200	-240
-280	-341	-337	-288	-222	-205	-206	-208	-170	-170	-227	-288	-235	-217	-205	-166	-80	4	58	55
58	56	81	46	77	117	98	57	54	68	104	214	285	258	153	29	-52	-161	-273	-352
-346	-288	-194	-53	59	115	89	34	-60	-139	-199	-192	-168	-85	-4	98	259	342	329	284
266	156	22	-96	-78	-44	-21	22	146	280	428	499	563	576	497	355	273	255	300	344
400	481	562	565	537	475	435	331	196	104	68	30	17	-13	-33	-51	-93	-149	-203	-254
-339	-432	-520	-524	-491	-461	-384	-277	-138	-107	-165	-307	-520	-715	-791	-796	-793	-771	-701	-581
-456	-376	-291	-221	-85	44	88	50	-7	-65	-101	-68	-11	65	108	221	409	515	535	439
318	222	200	227	235	250	319	375	421	377	313	270	223	159	33	-80	-61	-56	-39	-43
-24	-16	-22	-31	-62	-233	-287	-262	-268	-300	-292	-220	-176	-168	-169	-167	-162	-133	-117	-92
-30	-3	-25	-10	53	136	215	277	334	374	393	363	299	262	239	232	216	248	265	262
270	277	249	164	114	72	1	-6	-1	-1	10	-27	-17	50	114	116	98	79	46	-18
-121	-240	-383	-443	-348	-292	-251	-170	-89	-30	-2	-54	-133	-210	-223	-141	-104	-80	-3	98
188	280	247	135	66	66	75	73	80	159	300	422	501	490	457	354	291	168	-72	-145
-137	-90	-49	7	73	137	173	148	98	52	3	-38	-99	-106	-133	-129	-86	-34	-18	-14
-16	-17	-36	-71	-104	-106	-92	-85	-60	-54	-78	-104	-63	-9	32	25	25	-28	-59	-55
-89	-129	-166	-172	-133	-82	-63	-39	-54	-91	-147	-107	-313	-375	-364	-355	-404	-413	-425	-472
-551	-612	-617	-586	-568	-557	-543	-543	-541	-537	-499	-462	-424	-356	-265	-257	-291	-297	-274	-192
-158	-62	20	98	157	153	155	162	178	186	221	271	332	409	500	527	510	492	432	423
447	454	479	493	503	501	534	551	483	368	286	265	240	195	188	212	269	296	300	298
292	249	169	109	38	-28	-54	-42	5	74	147	219	243	236	205	126	78	64	80	93
121	150	220	344	383	358	317	271	211	105	71	86	99	116	155	175	172	171	153	118
47	-40	-125	-191	-168	-133	-149	-217	-213	-199	-229	-259	-286	-330	-377	-384	-381	-368	-364	-350
-321	-306	-284	-289	-292	-310	-333	-348	-363	-310	-245	-218	-212	-214	-207	-179	-172	-137	-98	-114
-95	-33	-20	17	-1	-38	-90	-93	-92	-72	-45	9	28	27	24	7	-26	-35	-26	-14
-9	9	23	22	-6	-39	-55	-93	-126	-138	-127	-110	-88	-95	-97	-81	-101	-116	-137	-105
-75	-41	0	63	90	93	104	126	159	186	194	189	199	208	206	243	267	273	338	427
489	497	487	460	405	348	316	333	370	386	389	408	399	343	297	250	195	181	178	132
95	64	30	-68	-157	-179	-176	-192	-185	-203	-200	-196	-179	-172	-186	-255	-292	-302	-318	-347
-357	-341	-327	-270	-203	-196	-190	-192	-190	-190	-190	-199	-215	-171	-150	-116	-61	-77	-77	-83
-69	-48	-41	9	81	111	113	72	18	-28	-60	-88	-89	-52	-19	18	57	56	52	23
-9	-21	-76	-120	-182	-180	-132	-123	-152	-142	-84	-23	-22	-56	-40	-29	-19	-16	5	43
119	141	171	193	159	133	78	62	41	46	67	107	139	184	183	198	155	132	112	111
99	116	95	73	34	11	-45	-68	-117	-178	-210	-179	-172	-170	-120	-27	-23	-76	-119	-183
-170	-177	-183	-113	-80	-47	-45	-27	9	54	67	63	65	71	85	70	39	34	33	38
74	137	254	365	403	401	402	464	512	466	370	212	-39	-185	-213	-181	-118	-5	185	438
524	464	355	132	-115	-334	-458	-473	-438	-394	-226	46	229	143	76	-38	-170	-239	-352	-416
-359	-264	-103	28	86	121	112	109	50	-43	-139	-186	-148	-80	5	85	137	196	246	236

[illegible]

IIQ234 71.163.0
 STATION NO. 254
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 14724 VENTURA BOULEVARD, 6TH FLOOR, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP UP 34 09 08N, 118 27 19W

PEAK VALS ACCLN = 94.1 CM/SEC/SEC AT 5.92 SEC VELO = -8.7 CM/SEC AT 36.34 SEC DISP = -4.3 CM AT 6.00 SEC

1943 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 0.40173 CM/SEC INITIAL DISP = -0.59442 CM

267	53	35	23	79	7	-104	-185	-133	-36	55	168	114	-85	-104	29	161	47	-118	-125
43	119	33	-69	-87	-101	-24	114	214	300	248	59	-117	-30	-9	-174	-339	-111	93	-47
-149	-52	130	319	249	-80	-316	-50	241	92	-412	-517	182	753	401	-299	-617	-298	339	510
115	-264	-284	-51	247	424	227	-183	-382	-76	249	161	-169	-528	-562	-240	213	585	312	-85
-80	136	112	119	45	-96	-190	-84	16	149	99	-3	-208	-437	-413	-147	123	215	188	54
-74	-132	-1	-52	-164	-108	129	217	323	213	31	-125	-123	-134	-11	-132	-222	-60	175	185
163	92	-14	-138	167	339	164	-97	-340	-356	-40	197	23	-97	-31	50	30	-72	-15	163
110	-85	-206	-14	131	64	-162	-246	-261	16	-19	-394	-436	121	500	311	-125	-465	-187	170
146	57	-6	67	154	41	-101	70	338	198	-228	-498	-456	-59	224	229	-153	-620	-356	479
605	317	-126	-295	70	412	1	-248	-480	-462	-147	390	682	478	-45	-416	21	506	524	147
-69	36	427	194	-367	-306	-165	-377	-462	47	222	-234	-520	-282	242	607	344	-328	-563	24
363	258	106	54	172	95	-322	-441	-97	436	552	145	-626	-693	112	482	226	-179	-193	-148
-23	224	214	23	98	179	-106	-254	-284	-89	-105	-311	-358	13	381	693	597	289	-96	-369
-362	-323	-380	-339	-246	-182	-285	-258	151	346	-9	-466	-248	312	469	269	-25	-378	-471	-214
210	475	295	157	465	311	-190	-709	-763	-182	206	-52	-283	-341	-51	464	941	832	472	393
504	556	755	754	410	-12	-360	-449	-220	262	412	-75	-117	-50	-332	-298	100	477	659	515
176	2	-282	-474	-538	-793	-305	370	781	781	525	215	-107	-102	203	448	211	-255	-522	-530
-166	280	411	158	-232	-58	371	538	56	-555	-684	-348	-90	-112	-529	-398	146	747	600	-91
-475	-225	262	179	-37	-153	-325	-223	-12	-192	-544	-267	778	719	-352	-604	-278	166	398	343
78	-260	-202	190	408	324	271	-11	-452	-633	-398	-130	268	399	403	575	392	-136	-324	-66
56	126	242	-21	-331	-197	-20	-242	-432	-191	241	523	161	-462	-551	62	572	376	150	219
245	53	-51	-201	-204	-80	-152	-384	-481	-490	-386	-263	-128	-115	100	364	238	38	-80	-206
-183	-125	-135	-262	-150	-24	-85	-245	-247	-203	91	472	495	37	-269	-91	131	124	314	590
622	256	53	7	51	-117	-556	-554	-50	155	91	41	-55	19	-114	-224	14	230	91	-25
52	278	526	323	-217	-450	-329	-45	-164	-511	-735	-482	-109	60	5	-123	-79	249	540	352
-312	-613	-249	8	126	201	392	366	84	-57	-68	-176	-246	-140	-110	-269	-340	-243	-109	-111
-139	59	258	252	-23	-315	-406	26	423	329	-69	-254	-125	96	9	-235	100	603	822	759
627	482	307	-75	-235	-260	-152	160	325	-166	-562	-429	156	507	372	-85	-127	177	276	178
-86	-509	-605	-313	-7	76	-35	-105	-48	105	210	31	-298	-284	-55	-33	-15	195	431	462
168	-42	-115	-201	-329	-251	-37	-30	-211	-234	-121	90	152	96	-22	10	3	-22	-98	131
269	170	-38	-53	-32	-62	-150	-54	110	149	148	227	316	346	458	500	287	80	-30	18
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240	209	171	142	144	126	97	78	75	71	64	44	42	42	32	-10	-48	-65	-24	7
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116	117	116	117	122	154	181	164	125	69	82	137	192	183	126	108	151	181	132	102
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-62	-57	-38	-22	-57	-151	-201	-246	-267	-261	-237	-205	-181	-183	-256	-314	-337	-307	-271	-252

[illegible]

IIQ235 71.164.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 255 14724 VENTURA BOULEVARD, PENTHOUSE, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP S12W 34 09 08N, 118 27 19W

PEAK VALS ACCLN = 368.2 CM/SEC/SEC AT 7.58 SEC VELO = 38.7 CM/SEC AT 12.48 SEC DISP = -18.9 CM AT 11.88 SEC

INITIAL VELO = 1.75680 CM/SEC INITIAL DISP = -1.04432 CM

1936 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

4	22	15	-7	-53	-5	19	39	19	22	33	5	-42	-5	29	36	-1	16	2	-28
-98	-87	-28	27	21	54	86	77	-3	-79	-147	-123	-8	39	128	108	33	-49	-132	-152
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-211	-129	-17	155	171	14	-7	-9	-29	-54	-135	-67	69	249	442	303	-8	-452	-649	-418
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-247	-197	-228	-298	-359	-287	-92	-129	-248	-228	-266	-142	-23	-95	-115	-66	-213	-72	81	95
53	30	31	74	94	141	204	317	366	216	196	281	183	-42	-296	-227	3	97	-200	-451
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-798	-893	-841	-1074	-925	-827	-923	-1181	-1943	-2043	-1147	223	1463	2382	2948	1998	899	450	105	67
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-88	-81	-135	-124	-122	-153	-158	-119	-112	-141	-170	-253	-244	-202	-136	-30	102	176	113	77
0	-137	-281	-313	-231	-164	-132	-123	-117	-131	-90	-66	-73	-52	-89	-135	-106	-52	15	57
-12	-93	-197	-284	-322	-301	-212	-88	51	146	51	-97	-264	-441	-516	-470	-290	-75	228	538
650	525	338	137	46	-19	-25	62	155	306	449	589	588	469	351	295	322	313	311	343
341	289	274	275	291	293	297	310	296	212	95	-36	-161	-180	-141	-40	91	90	39	-114

-303	-500	-666	-697	-662	-571	-438	-362	-336	-421	-444	-432	-449	-399	-337	-206	-67	54	146	203
185	146	143	189	216	248	293	317	315	343	364	366	364	340	326	288	271	250	181	159
75	-35	-83	-94	-37	48	112	111	-12	-127	-269	-349	-363	-337	-277	-181	-80	-44	-92	-160
-254	-346	-406	-410	-377	-337	-284	-240	-235	-236	-251	-265	-244	-179	-101	-15	66	167	215	211
213	197	169	151	184	238	274	302	337	336	351	349	315	265	223	197	201	172	164	160
85	34	-24	9	5	-12	-54	-109	-176	-176	-172	-170	-155	-131	-68	13	52	33	-6	-65
-115	-89	-61	-24	4	68	118	185	179	121	74	9	-16	-29	-38	-32				

110235 71.164.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 255 14724 VENTURA BOULEVARD, PENTHOUSE, LOS ANGELES, CAL. COMP N78W 34 09 08N, 118 27 19W
INSTP PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -249.7 CM/SEC/SEC AT 10.82 SEC VELO = -37.2 CM/SEC AT 14.32 SEC DISP = 9.8 CM AT 18.88 SEC

INITIAL VELO = -0.02863 CM/SEC INITIAL DISP = 0.07356 CM

1963 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-38	-4	-10	-7	-20	-38	-30	-42	-32	-21	-34	-39	-22	-21	-33	-30	-19	-22	-22	-18
-14	-15	-19	-30	-44	-46	-17	-12	9	9	26	-9	-36	-70	-70	-24	46	86	111	90
46	-15	-72	-110	-102	-28	29	80	96	75	62	58	1	-71	-110	-76	-51	2	61	53
44	9	-40	-43	-29	-27	16	61	153	184	168	22	-146	-129	-129	-9	101	112	123	114
122	112	67	-41	-125	-139	-117	-1	66	106	121	124	84	55	7	-40	-109	-99	-22	143
276	197	99	-5	-125	-153	-129	-45	19	58	87	118	102	30	-43	-29	63	98	56	-71
-157	-164	-119	-45	69	194	180	186	137	34	-10	-66	-115	-136	-29	181	265	207	50	-215
-284	-280	-273	-286	-137	164	330	380	276	86	-101	-252	-326	-288	-118	77	232	220	87	-17
-128	-166	-166	-150	-46	100	134	140	93	80	141	244	229	95	-25	-61	-94	-156	-204	-203
-175	-135	-50	8	68	129	121	65	50	64	43	-87	-297	-343	-334	-293	-227	-167	-109	27
95	94	88	53	63	41	84	124	226	185	126	33	-15	98	128	75	43	65	93	107
90	28	-70	-281	-303	-183	-60	82	-13	13	98	136	59	-75	-196	-321	-288	-163	105	268
432	619	551	253	-179	-569	-1037	-1280	-1323	-953	-270	329	745	820	384	-216	-822	-1025	-903	-379
366	842	1203	1433	1369	1044	657	268	108	-188	-416	-654	-1041	-1328	-1427	-991	-62	849	1607	2084
1754	1027	-366	-1263	-1477	-918	185	838	1459	1429	837	191	-568	-1174	-2028	-2137	-1643	-756	-142	398
564	397	-118	-535	-788	-587	-470	-498	-568	-613	-407	47	667	1175	1149	742	240	-105	-171	-66
451	1177	1775	2223	2292	1909	1246	402	-176	-257	-403	-487	-602	-914	-1150	-1179	-782	178	1032	795
421	-86	-560	-895	-1195	-1295	-1168	-1011	-648	-14	437	931	1025	761	1150	-340	-697	-997	-1376	-1320
-618	412	1145	1141	713	129	-388	-514	-494	-249	342	1070	1092	650	419	613	945	776	105	-998
-1767	-1750	-820	249	1109	1617	1691	1188	765	524	-36	-605	-800	-1063	-935	-672	-147	957	1798	1745
1277	477	-318	-1173	-1748	-1745	-1585	-1386	-849	-63	632	1007	984	858	466	-154	-777	-1208	-1400	-1166
-728	-66	375	49	-154	-43	137	503	554	393	286	120	-125	-336	-381	-51	493	1109	1617	1770
1639	1299	790	159	37	37	19	-147	-420	-510	-462	-391	-216	-64	-224	-443	-772	-1312	-1632	-1773
-1731	-1273	-518	322	970	1256	1544	1338	743	66	-687	-1216	-1477	-1428	-1021	-488	13	333	446	352
52	-193	-460	-499	-376	-298	-249	-217	-203	-41	245	793	1381	1708	1333	648	-176	-706	-1022	-1010
-722	-484	-59	572	1186	1544	1456	963	387	68	-303	-686	-1058	-1103	-783	-393	14	49	163	342
581	949	1306	1241	1160	884	432	-1	-667	-1108	-1346	-1295	-866	-141	975	1445	1050	34	-1287	-2146
-2462	-2497	-2293	-1472	-218	1038	2118	2398	1954	984	-122	-928	-1655	-1938	-1747	-947	266	1395	1663	1426
924	484	196	-36	-174	-100	250	899	1137	1016	846	809	969	1031	755	406	-45	-228	-262	-345
-334	-377	-350	-188	159	447	650	555	401	232	43	-87	-219	-389	-368	-310	-253	-366	-409	-375
-213	-120	-276	-378	-503	-390	-257	-174	-383	-571	-791	-794	-757	-535	-87	284	505	701	702	559
242	-28	-213	-181	94	488	910	1179	1221	1181	929	544	178	-26	-221	-374	-446	-396	-182	66
46	62	57	-23	-132	-358	-565	-701	-799	-905	-873	-768	-623	-485	-505	-429	-412	-419	-483	-459
-275	-76	47	44	31	39	-51	-40	-59	2	139	313	587	816	933	1169	1359	1512	1488	1237
918	680	409	153	-96	-358	-492	-562	-751	-849	-804	-710	-645	-718	-718	-821	-916	-974	-1036	-1117
-1237	-1416	-1445	-1328	-1103	-796	-553	-489	-540	-694	-955	-1086	-1090	-953	-641	-227	170	463	688	819
843	945	1120	1246	1271	1197	1125	1134	1176	1178	1218	1213	1217	1204	1075	937	760	512	270	187
193	235	260	291	301	279	185	63	4	48	134	186	167	46	-96	-218	-235	-341	-486	-643
-774	-860	-886	-895	-862	-754	-604	-397	-172	-21	116	149	163	188	245	307	373	431	480	589
803	1047	1202	1185	1046	799	516	342	311	327	259	104	-31	-42	54	220	395	518	565	459

279	80	-108	-324	-538	-699	-843	-876	-818	-681	-554	-557	-652	-861	-1114	-1268	-1236	-1180	-1149	-1108
-1068	-961	-797	-663	-615	-670	-767	-838	-833	-685	-491	-220	28	250	429	549	710	833	930	972
1024	964	969	955	980	1016	1080	1108	1088	873	759	677	587	620	638	688	701	627	495	293
102	-151	-350	-463	-564	-678	-733	-742	-757	-776	-809	-878	-955	-1008	-1035	-1063	-1083	-964	-719	-397
-163	-90	-24	-148	-301	-475	-535	-442	-131	201	577	824	968	1028	963	816	677	622	692	865
998	1084	1118	1133	1138	1062	872	654	400	241	223	233	250	285	309	327	283	101	-137	-266
-425	-376	-266	-105	-12	50	83	108	109	38	-77	-202	-306	-353	-365	-457	-665	-880	-981	-970
-990	-1003	-1062	-1104	-1177	-1218	-1125	-997	-882	-776	-689	-608	-543	-486	-422	-343	-268	-191	-87	29
178	288	283	278	267	271	281	281	256	229	198	129	50	-80	-208	-273	-295	-263	-178	-189
-204	-200	-200	-201	-223	-307	-315	-285	-193	-96	7	81	103	100	130	206	299	479	713	892
1019	1016	998	951	914	890	910	923	962	988	969	904	821	776	735	669	588	510	388	254
229	218	253	256	207	176	124	24	-76	-167	-245	-337	-417	-413	-371	-223	-98	10	96	83
3	-241	-446	-580	-687	-707	-739	-728	-644	-576	-577	-624	-694	-775	-889	-909	-775	-662	-551	-477
-404	-297	-223	-129	-24	-5	-5	22	62	102	182	240	252	249	219	141	86	56	17	-22
-40	-60	-71	-63	-53	-54	-45	-9	34	56	76	86	100	108	110	136	299	438	583	607
521	381	221	66	-86	-232	-332	-401	-409	-364	-344	-329	-360	-479	-539	-583	-594	-574	-544	-476
-334	-156	95	317	430	528	623	624	616	580	549	511	526	546	575	655	746	779	786	733
602	538	481	459	468	511	534	533	598	664	652	620	525	419	325	244	198	151	23	-87
-180	-285	-374	-466	-615	-825	-1126	-1292	-1473	-1569	-1517	-1452	-1331	-1122	-908	-850	-851	-851	-823	-774
-701	-680	-652	-611	-572	-548	-477	-356	-174	7	214	399	499	538	571	568	581	630	689	740
805	936	1106	1154	1061	938	800	725	669	585	533	484	457	390	328	274	197	135	69	-87
-203	-318	-409	-483	-590	-642	-633	-608	-548	-571	-643	-741	-791	-778	-745	-719	-659	-612	-583	-500
-383	-320	-236	-103	-31	26	93	162	242	329	393	494	663	817	933	1060	1082	1116	1132	1103
1030	957	902	857	772	675	580	410	355	312	159	-53	-218	-385	-470	-598	-734	-843	-895	-887
-799	-743	-668	-594	-519	-473	-466	-470	-501	-545	-523	-494	-391	-290	-146	-47	71	116	110	102
94	108	136	173	240	321	412	557	637	620	565	516	462	396	340	396	459	495	526	561
601	626	566	375	238	139	30	-38	-78	-161	-274	-340	-343	-386	-406	-378	-363	-389	-428	-448
-455	-422	-354	-249	-156	-117	-77	-34	8	48	81	101	125	161	207	256	255	254	222	209
245	266	277	261	237	170	69	11	-51	-113	-164	-174	-181	-180	-177	-173	-217	-278	-330	-366
-406	-464	-494	-509	-533	-658	-724	-823	-955	-1011	-990	-992	-1029	-1071	-1090	-1122	-1048	-947	-829	-753
-641	-546	-420	-351	-280	-217	-112	38	212	357	561	687	780	864	907	928	972	1019	1060	1067
1107	1168	1184	1060	952	899	807	738	634	491	454	443	365	313	268	176	57	-44	-122	-203
-283	-353	-373	-365	-348	-301	-219	-139	-63	-68	-100	-113	-128	-147	-159	-108	-45	20	124	217
274	283	297	315	304	317	351	368	388	428	471	549	588	604	598	552	462	275	211	186
150	123	91	71	62	50	20	-35	-151	-196	-281	-399	-460	-502	-537	-563	-604	-686	-717	-719
-707	-716	-722	-708	-699	-696	-577	-553	-523	-453	-394	-314	-230	-149	-71	-42	-9	17	45	67
86	101	126	137	138	136	138	141	162	176	228	258	219	133	42	-19	-27	-21	-13	25
43	33	-15	-45	-79	-118	-147	-146	-120	-100	-72	-48	-32	-75	-135	-176	-213	-225	-226	-213
-200	-183	-172	-185	-203	-199	-190	-185	-183	-176	-130	-61	4	41	76	153	234	321	405	477
516	541	539	549	577	661	744	819	870	867	864	784	684	657	600	577	547	497	481	469
400	321	239	164	113	78	36	-10	-64	-152	-245	-351	-487	-507	-606	-672	-694	-746	-749	-779
-769	-753	-698	-702	-701	-698	-683	-633	-603	-516	-456	-415	-357	-238	-177	-114	-54	2	48	137
210	235	255	348	404	420	383	353	274	260	320	371	400	399	329	258	203	149	78	-28
-108	-122	-184	-194	-230	-246	-246	-246	-261	-290	-324	-355	-368	-394	-410	-381	-368	-353	-310	-210
-139	-114	-80	-33	15	78	111	134	219	314	420	552	606	609	598	564	536	517	502	481
452	421	392	363	320	253	167	115	85	52	-10	-29	-27	-54	-102	-178	-255	-344	-411	-468
-519	-543	-456	-416	-408	-431	-420	-384	-360	-367	-317	-264	-224	-130	-58	-16	55	123	243	306
335	379	444	500	486	401	385	344	332	360	421	462	471	486	535	636	796	843	742	556
292	147	-125	-271	-346	-383	-331	-147	-2	58	-8	-165	-368	-540	-653	-809	-915	-912	-803	-653
-518	-348	-313	-315	-318	-317	-325	-337	-338	-312	-251	-138	71	237	324	394	398	395	355	296

[illegible]

IIQ235 71.164.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 255 14724 VENTURA BOULEVARD, PENTHOUSE, LOS ANGELES, CAL. COMP UP 34 09 08N, 118 27 19W
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -158.8 CM/SEC/SEC AT 7.60 SEC VELO = -14.5 CM/SEC AT 10.36 SEC DISP = -7.3 CM AT 11.08 SEC

INITIAL VELO = 4.58136 CM/SEC INITIAL DISP = 0.02466 CM

1968 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

102	-56	-114	-52	15	-76	-211	-246	-183	-89	-3	81	41	-202	-218	39	139	-105	-269	-187
123	124	-108	-189	-138	-110	-34	94	213	261	91	-122	-159	-21	-188	-398	-344	135	91	-30
-101	73	267	312	-213	-464	-234	287	307	-246	-707	-117	802	798	62	-916	-826	-325	449	683
-216	-477	-335	214	507	167	-292	-528	-20	537	454	-164	-811	-869	-277	362	770	365	5	-25
157	254	255	-46	-208	-222	-133	-3	127	159	94	-214	-423	-504	-165	110	217	180	90	-61
-34	187	92	-192	-290	-152	62	218	313	145	-72	-192	-114	118	38	-346	-163	235	316	233
86	-130	-302	-113	293	268	130	-172	-328	63	346	-120	-290	-339	-129	80	119	172	272	87
-284	-516	-306	64	13	87	-29	-81	274	258	-220	-568	-167	376	452	-77	-487	-17	342	32
-134	-259	-107	76	-76	-68	72	523	609	214	-502	-353	181	407	328	190	-533	-476	618	562
384	100	-29	202	439	181	-258	-542	-320	163	722	733	-92	-667	-425	572	715	392	-99	-204
363	675	356	-352	-280	-148	-406	-339	-53	87	-435	-431	-303	277	1102	-116	-913	-108	421	556
169	-95	-5	186	-286	-592	-278	471	980	565	-751	-982	-53	694	120	-482	-505	-212	632	814
564	634	444	-117	-471	-593	-632	-818	-651	-583	-603	-404	444	1555	966	56	-659	-999	-1191	-621
-258	-125	123	342	408	777	1079	504	-178	-614	-612	-416	-358	-683	-963	-948	-26	681	1111	1159
592	264	226	-206	-771	-995	-516	178	1157	1342	159	-792	-541	163	66	-435	-556	-72	343	647
1164	1180	518	-223	-825	-1017	-637	-45	-20	-217	-379	-144	-53	35	483	816	788	251	-15	-192
-241	249	481	411	185	369	806	926	966	899	-281	-1167	-771	-90	-121	-527	-1019	-908	-70	735
812	109	-186	-297	-553	-487	-225	-659	-860	-262	597	543	233	-123	-95	7	-378	-878	-1313	-1258
-185	724	699	219	-165	-354	-356	-50	-384	-586	-133	938	386	-134	37	526	560	-16	-578	-1116
-1588	-1335	-10	793	766	530	459	334	267	612	574	160	-256	-147	-160	-322	-313	148	537	758
647	367	174	539	878	531	263	148	561	840	642	337	-59	387	863	176	-270	-731	-796	-668
-349	-24	160	186	-98	-580	-687	-237	21	-120	-419	-321	143	1	-428	-556	-104	105	343	668
634	673	686	-5	-603	-705	-446	26	359	594	430	100	-123	10	125	50	12	-248	-564	-737
-837	-362	141	204	84	137	541	824	624	167	-50	-325	-816	-814	-240	19	57	27	87	361
587	122	-614	-913	-760	-223	-268	-749	-919	-494	-21	236	276	263	422	594	456	-265	-968	-1492
-1430	-734	31	460	715	899	750	350	38	-217	-263	-413	-852	-1195	-1130	-489	-87	10	-46	250
520	584	285	-15	-60	289	559	350	511	-851	-600	-155	-127	217	635	978	997	675	204	-442
-1088	-1330	-1055	31	1271	1165	992	740	511	-54	-88	205	700	961	1064	887	764	501	220	-114
-413	-388	-178	-108	-224	-324	58	660	867	354	64	-34	181	251	231	146	120	103	21	-207
-497	-491	-338	-185	38	122	-71	-75	-112	-92	91	208	-92	-355	-370	-277	70	145	-4	-112
-212	-242	-222	-228	-190	-80	147	145	-25	-115	-28	39	124	160	64	75	135	175	356	422
262	55	-9	-202	-298	-66	150	425	382	152	-147	-216	-47	324	732	661	214	-46	124	548
508	159	-145	-202	-3	-36	-191	-621	-800	-722	-629	-477	-318	-145	20	-97	-179	-332	-426	-240
-44	-40	-137	-172	-90	28	65	-57	-195	-173	21	123	93	-17	12	215	363	432	304	136
62	207	214	-16	-310	-387	-308	-181	-95	-123	-321	-421	-293	-174	-181	-356	-368	-76	-15	-5
-123	-250	-263	-64	201	293	159	46	-51	-64	-189	-502	-788	-867	-657	-347	22	190	197	220
90	91	316	487	574	509	210	3	92	142	233	272	348	300	204	184	191	101	42	72
66	-15	-14	29	32	57	40	63	98	107	145	154	83	62	100	93	50	-40	-159	-45
46	60	-51	-35	77	150	113	65	116	103	11	-177	-433	-507	-330	-69	30	-47	-176	-201
39	264	357	345	113	-134	-149	-51	-51	-3	23	-111	-243	-210	-11	156	238	224	202	104

47	74	81	22	-103	-169	-191	-285	-287	-92	22	24	30	-76	-197	-248	-203	41	190	211
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208	217	229	197	162	170	180	188	197	200	188	126	137	224	244	126	128	54	-9	6
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-93	-60	-75	-110	-105	-92	-95	-150	-239	-281	-270	-227	-185	-134	-83	-30	-42	-130	-202	-277

[illegible]

IIQ236 71.165.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 446 1760 N. ORCHID AVENUE, GND FLOOR, HOLLYWOOD, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP EAST 34 06 10N, 118 20 20W

PEAK VALS ACCLN = -167.3 CM/SEC/SEC AT 8.06 SEC VELO = -13.5 CM/SEC AT 8.12 SEC DISP = -6.1 CM AT 12.10 SEC

INITIAL VELO = 0.29146 CM/SEC INITIAL DISP = -0.67963 CM

2113 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-11	29	41	24	15	-32	-33	-7	25	14	30	20	9	8	11	11	27	14	-10	32
26	13	35	41	31	8	-40	-45	-6	46	58	11	-9	-1	-7	31	23	-49	-65	-17
35	80	77	-31	-96	-48	-20	-27	-34	-49	-41	20	67	49	-17	-39	-26	-24	-9	-2
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-51	-97	-89	46	160	97	-71	-138	-129	-40	75	124	46	34	30	4	-33	-54	-32	-24
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20	44	39	21	6	-21	-26	-68	3	16	-42	-47	-47	-48	-50	-102	-121	-60	5	39
32	3	-94	-52	-25	-10	54	14	-15	5	24	41	-28	-40	8	22	-30	-61	-38	19
167	161	85	-1	-96	-91	4	-22	-21	68	80	16	-25	-22	45	70	86	11	-45	-94
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-336	-490	-143	402	477	140	-184	-201	-336	-334	-51	294	170	-34	-227	-365	-525	-916	-1362	-1466
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56	38	11	3	0	-8	-8	4	17	16	-1	-20	-39	-27	-4	-8	-27	-52	-88	-114
-130	-122	-94	-61	-45	-49	-73	-98	-98	-70	-35	-22	-8	-14	-22	-28	-7	14	27	34
39	36	26	2	-7	-25	-18	3	15	18	22	28	37	48	51	49	42	29	7	-4
-7	5	36	44	33	16	1	3	9	-5	-29	-46	-50							

IIQ236 71.165.0
STATION NO. 446
INSTR PERIOD = 0.03 SEC DAMPING = 0.592
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
1760 N. ORCHID AVENUE, GND FLOOR, HOLLYWOOD, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP SOUTH 34 06 10N, 118 20 20W

PEAK VALS ACCLN = 122.4 CM/SEC/SEC AT 7.00 SEC VELO = 10.3 CM/SEC AT 8.04 SEC DISP = 5.9 CM AT 8.70 SEC

2113 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = 0.45548 CM/SEC INITIAL DISP = -0.57524 CM									
-79	-70	-7	44	43	78	46	14	-74	-114
-81	13	97	169	127	92	-19	-158	-124	-11
-87	-117	2	135	81	36	-67	-46	4	-43
-141	-52	114	34	52	65	92	-20	-148	-144
80	183	69	-104	-101	14	43	-20	-62	-42
-40	-85	-10	68	26	-67	-133	10	105	118
-29	-16	11	50	-28	-33	31	105	61	-36
8	103	50	51	70	56	-97	-253	-233	-126
217	125	-28	-99	-94	-112	-134	-21	125	165
101	-40	-118	12	100	35	-73	-94	12	61
-56	-104	-201	-278	-128	13	-10	-14	45	42
-85	-252	-176	-194	-74	116	269	163	-45	-144
-133	-93	-220	-203	-154	145	276	144	87	-292
-62	-259	-307	-91	255	184	57	133	576	616
83	429	324	-28	-454	-636	-282	-171	-190	-18
-23	490	664	541	207	-307	-315	-248	-411	-369
203	315	449	100	-254	-388	-177	130	363	505
498	185	52	-308	-764	-1086	-1179	-601	136	865
368	266	34	213	426	511	379	209	-18	-346
-693	-147	240	290	307	406	281	11	-94	-45
313	162	-50	-395	-828	-858	-516	6	248	239
464	257	63	-115	-218	189	631	558	195	-36
-217	-185	-175	132	484	259	-133	-179	-254	-330
-139	-40	-86	-62	-8	-266	-356	-163	104	473
23	-114	-197	-218	-78	97	198	145	-156	-401
281	262	70	-49	31	139	90	68	87	177
-654	-611	-480	-99	445	920	941	831	617	190
328	149	-74	-183	-236	-273	-353	-268	59	317
159	167	255	199	137	118	58	-30	28	170
24	12	26	97	53	46	176	336	352	196
-182	-211	-252	-279	-224	-111	-15	-10	-23	-38
253	121	-57	-220	-270	-234	-109	107	279	419
25	167	142	-4	-118	-180	-101	63	115	-7
44	-22	-82	-77	-39	-89	-208	-285	-273	-175
-49	-211	-377	-444	-414	-247	-161	-115	22	161
-106	-4	-27	-106	-91	-73	-151	-229	-57	65
-52	-9	2	-26	-66	-144	-73	11	16	-35
132	79	32	106	118	182	250	282	264	232
29	80	16	-119	-146	-67	-60	-46	21	0
30	-115	-194	-247	-255	-221	-190	-119	6	120
-175	-138	-44	53	-44	-138	-175	-127	-18	-175
-37	-50	-91	-60	-91	-50	-37	-175	-138	-44
-152	-142	-33	127	-33	-142	-152	-173	-59	-37
-59	-173	-155	-61	-155	-173	-59	-41	-26	-41
-26	-41	-96	10	-96	-41	-26	0	-4	0
-4	0	-1	6	-1	0	-4	-138	-175	-138
-138	-175	-133	-57	-133	-182	-138	-164	16	-138
164	164	-72	-133	-72	16	164	174	187	91
91	187	174	74	174	187	91	160	160	139
139	160	82	-32	82	160	139	-64	168	50
50	168	289	263	289	168	50	44	239	203
-151	-80	-9	239	-9	-151	-80	114	359	191
229	194	191	114	191	229	194	-220	86	188
-61	29	188	-220	188	-61	29	-95	-348	-458
-210	-210	-372	193	-372	-210	-210	193	-359	-372
228	-34	228	-656	-372	228	-34	-656	-163	267
709	709	579	-365	579	709	709	-365	-145	-55
438	219	438	439	219	438	219	439	629	586
-604	-12	-604	167	-12	-604	-12	167	67	168
354	257	354	31	257	354	257	31	370	-753
173	-534	173	-31	-534	173	-534	-31	75	-133
-115	-134	-115	-497	-134	-115	-134	-497	-673	-442
-153	-148	-153	-738	-148	-153	-148	-738	-615	-290
-8	-83	-8	59	-83	-8	-83	59	138	34
40	-483	40	246	-483	40	-483	246	142	32
-247	-26	-247	55	-26	-247	-26	55	-48	-165
306	306	251	-196	306	306	251	-196	-218	21
-38	-51	-38	-286	-51	-38	-51	-286	-192	-60
-127	-156	-127	183	-156	-127	-156	183	185	-38
287	213	287	-246	213	287	213	-246	-204	-30
18	126	18	-144	126	18	126	-144	-130	-10
130	150	130	-58	150	130	150	-58	8	62
27	100	27	50	100	27	100	50	80	118
-178	-84	-178	265	-84	-178	-84	265	185	62
-38	-93	-38	-52	-93	-38	-93	-52	-163	-219
29	29	29	308	29	29	29	308	264	143
128	172	128	-135	172	128	172	-135	-140	-163
-18	-12	-18	59	-12	-18	-12	59	111	168
	54		140	54		54	140	146	

-42	32	121	63	-69	-146	-247	-322	-272	-156	-31	54	85	45	-20	-81	-221	-364	-408	-302
-230	-180	-171	-138	-111	-75	20	86	72	-22	-94	-140	-83	20	108	189	226	142	-64	-174
-181	-111	-92	15	139	202	212	243	220	209	230	260	242	228	213	145	88	68	-24	-59
13	71	91	127	83	87	214	261	253	195	101	-22	-206	-244	-177	-88	5	16	-6	-73
-108	-136	-148	-178	-160	-140	-150	-93	-93	-121	-123	-53	-34	21	56	-15	-1	81	101	88
15	-36	8	-6	-1	16	85	206	246	193	94	41	28	37	71	98	102	61	-47	-123
-130	-130	-117	-55	-6	-38	-39	14	14	7	-59	-110	-70	-69	-47	37	80	82	115	55
-36	-31	13	11	51	82	89	87	50	18	14	5	-40	-57	-47	17	9	-39	-78	-47
-10	-5	-27	-115	-153	-112	-117	-89	-48	-97	-95	-29	11	10	24	87	163	143	68	39
36	-13	-29	44	112	112	74	28	-21	-72	-82	-22	56	98	106	114	92	95	105	95
113	105	40	-37	-61	-37	-40	-30	-7	-30	-52	-52	-106	-101	-70	-122	-155	-59	17	0
-59	-111	-200	-202	-144	-97	-84	-77	-65	-2	35	35	-10	-18	-7	49	86	63	41	26
24	67	70	70	72	63	-10	-113	-169	-107	-9	76	105	140	161	103	44	10	10	39
6	10	38	-13	-13	56	101	82	6	-106	-117	-67	-56	-52	-37	39	131	139	57	2
-6	-53	-115	-107	-16	35	4	-61	-84	-73	-41	-49	-65	-30	1	34	32	-26	-72	-100
-95	-55	-3	31	18	32	81	91	47	-32	-113	-164	-138	-45	38	38	21	55	68	26
-25	-55	-88	-89	-60	-18	49	122	110	53	15	-8	18	51	14	13	24	21	76	92
39	10	2	-31	-38	-7	20	-9	-42	-78	-80	-76	-99	-71	-26	-9	-28	-50	-3	24
-6	-19	33	105	138	136	126	118	104	87	93	55	-12	-56	-79	-91	-91	-11	83	135
112	28	15	46	66	74	61	40	54	35	41	103	113	91	25	9	10	-9	-23	-10
-14	-14	-40	-63	-51	-7	0	-14	-17	-13	-33	-47	-22	-29	-71	-79	-40	-25	-46	-91
-116	-110	-84	-56	-76	-63	-29	-12	3	5	-15	-12	-3	18	36	23	28	56	33	-32
-105	-87	1	46	38	17	42	92	104	77	60	60	45	29	40	81	101	54	4	-34
-59	-55	-38	-9	-10	-41	-6	23	15	-7	-50	-113	-139	-139	-122	-70	-10	4	-45	-89
-118	-116	-93	-46	-24	12	30	37	38	20	4	7	27	32	26	22	13	-15	-29	-29
-17	21	100	141	122	70	47	53	90	103	63	33	23	32	70	43	2	-2	-15	-41
-38	-39	-42	-44	-43	-24	-9	-10	14	65	90	73	28	14	-3	-63	-120	-149	-141	-97
-58	-41	-25	-47	-78	-92	-90	-66	-29	11	38	42	29	15	15	28	12	-15	-21	-11
1	28	56	60	48	54	75	78	68	46	6	-22	-15	5	15	14	6	2	1	1
3	24	18	-27	-35	-26	-10	-8	2	35	83	93	69	27	1	-4	-12	-17	-11	27
54	48	24	16	5	-5	13	32	13	-8	-12	9	25	20	24	29	20	4	-21	-21
11	26	10	-9	-20	-17	13	22	-5	-17	0	25	29	19	24	24	4	-15	-20	-14
-14	-33	-54	-61	-76	-103	-109	-77	-43	-13	8	0	-39	-61	-56	-23	1	10	8	7
18	31	35	46	30	28	39	38	29	19	28	27	24	29	32	36	39	46	52	55
47	34	-2	-46	-53	-34	-25	-40	-55	-45	-17	-4	6	54	97	89	63	24	-10	-28
-39	-40	-42	-49	-33	-36	-52	-61	-40	-22	10	19	-8	-33	-35	-28	-20	-31	-47	-17
-25	-41	-37	-59	-88	-88	-77	-41	-20	-28	-50	-35	-27	1	27	45	41	31	20	-5
-42	-42	-28	-8	24	56	80	68	49	44	50	-35	60	75	61	30	11	-13	-21	14
62	55	20	-13	-29	-32	-33	-16	17	27	13	-9	-32	-39	-36	-23	-1	-4	-25	1
25	15	-6	-5	3	23	26	18	6	-4	-12	-5	7	30	27	23	8	5	11	6
-7	-3	4	-3	-2	-8	-6	10	15	21	17	37	53	47	36	1	1	11	9	14
-6	-33	-43	-47	-39	-26	5	27	17	1	7	9	12	5	3	-6	-21	-43	-49	-52
-67	-40	-52	-56	-47	-36	-18	-5	-2	4	11	9	15	15	17	22	20	16	9	1
0	-3	12	35	50	48	19	-10	-50	-85	-79	-62	-43	-22	4	45	69	60	25	6
-12	-11	4	9	32	26	13	42	60	45	12	-38	-78	-77	-41	26	72	44	23	50
84	93	47	-6	-41	-19	30	77	49	-21	-87	-95	-64	-54	-55	-73	-59	14	24	3
9	21	30	50	50	52	39	-16	-87	-47	5	-33	-96	-77	-11	46	41	-7	2	32
30	38	-13	-56	-41	-12	22	72	65	-2	-18	-15	1	42	65	16	-22	3	45	56
41	14	14	-3	-36	-26	-21	-16	-16	-8	19	28	3	13	24	11	-1	-10	-12	-9
-16	-33	-24	-17	-20	19	41	12	-18	-17	-1	-8	-8	-33	-46	-16	-17	-36	-25	2

24	15	-34	-40	-43	-52	-50	-22	10	33	23	-10	-43	-72	-79	-66	-22	-13	-26	3
14	-1	-22	-19	-10	35	78	97	75	50	27	21	14	4	-5	-15	0	8	-17	-4
27	40	17	-39	-68	-18	27	15	-5	-13	-23	-13	0	22	26	0	-12	-8	3	6
20	41	37	18	-14	-35	-24	-13	5	19	30	56	57	28	12	21	44	47	19	11
20	30	49	57	62	44	20	11	13	17	-5	-22	-18	-11	-2	5	-5	-27	-30	-30
-23	-7	-10	-30	-40	-34	-15	-1	-1	11	15	1	-23	-18	-11	-24	-54	-59	-43	-26
-18	-21	-24	-28	-28	-16	27	34	23	-27	-61	-47	-26	-2	1	-6	-20	-27	-19	-2
15	20	20	5	-26	-46	-25	36	71	83	65	55	49	42	7	3	6	4	5	4
10	12	4	-1	2	5	0	1	-2	17	40	37	26	22	14	7	17	11	15	25
27	30	23	5	-9	-19	-18	-9	-1	8	14	36	45	22	-23	-35	-28	-19	10	40
55	60	39	9	-21	-39	-24	-11	-18	-22	-12	-9	3	14	11	19	18	5	-9	-21
-24	-12	3	3	-5	-10	-35	-60	-82	-83	-71	-54	-44	-52	-52	-48	-35	-33	-36	-26
-2	-9	-18	-13	-13	-12	-9	-5	-12	-8	1	4	-2	-10	-17	-23	-32	-45	-34	-21
-7	5	7	-13	-21	-12	-10	-7	12	23	24	30	37	45	42	35	33	40	42	33
35	50	51	38	37	28	34	35	24	27	42	41	22	17	-3	-21	-29	-32	-26	-11
15	44	41	11	-28	-32	-34	-32	-44	-62	-72	-63	-63							

IIQ236 71.165.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N,118 23 42W
 STATION NO. 446 1760 N. ORCHID AVENUE, GND FLOOR, HOLLYWOOD, CAL. COMP UP 34 06 10N,118 20 20W
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -73.2 CM/SEC/SEC AT 7.50 SEC VELO = -7.5 CM/SEC AT 7.58 SEC DISP = -1.9 CM AT 12.24 SEC

INITIAL VELO = 0.46154 CM/SEC INITIAL DISP = -0.18005 CM

2113 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-48	8	79	28	14	-71	-95	-64	11	-6	-51	18	23	26	27	101	102	66	-7	-2
-91	-138	-56	-98	-47	-22	-54	19	107	180	122	-153	-165	-104	24	211	172	76	-14	-28
-33	39	132	-35	-144	-145	-40	76	96	90	-80	-145	-44	91	96	36	-48	-79	-79	-92
-134	88	-9	-64	-98	55	130	152	173	168	122	52	8	-170	-271	-205	-109	-2	39	18
-14	-37	-17	-16	76	79	60	-113	-176	-168	-196	5	41	107	131	48	44	-50	6	121
89	-11	-27	-86	-76	-108	-49	38	30	107	-108	-94	-35	8	32	58	100	144	114	47
-10	68	105	106	97	128	17	-129	-143	-124	-114	115	90	74	1	-143	-128	-125	-48	-22
108	23	-161	-113	-41	-102	-14	115	-34	-97	-180	-210	-145	-126	25	27	111	8	-48	-110
-27	-167	-175	-120	-89	-208	-65	116	157	208	209	139	-26	25	95	185	255	175	-127	-150
-163	-41	56	141	172	19	-78	17	103	181	126	168	-20	-159	-194	22	12	72	348	145
103	88	-51	-60	-60	-78	-42	28	8	9	-93	-78	-15	-36	-51	63	-84	-160	-217	-75
-72	174	351	275	141	117	-18	77	129	154	178	-39	3	-152	-134	-98	-362	-71	1	53
66	-33	147	-79	-105	-259	-388	-169	-455	-32	297	51	269	52	-119	206	-98	89	263	21
-11	-391	-368	-50	83	314	448	521	40	151	411	228	155	218	-213	-353	-425	-196	-159	-441
61	387	435	565	491	391	19	129	147	538	-663	-664	-677	-350	166	449	449	569	590	401
91	-261	-431	-620	-608	-445	-447	-332	40	147	146	51	294	191	-25	-155	-108	-219	-205	-71
20	262	306	317	353	260	261	266	129	-7	-160	-327	-39	196	9	-208	-395	-166	-138	-68
82	183	140	-117	-411	-432	-228	-121	44	345	328	155	223	247	259	167	25	-97	-264	-319
-153	-91	88	-202	-61	-193	-437	-403	-7	70	185	8	-121	-335	-579	-732	-553	-354	-150	-138
176	230	191	242	490	452	211	148	179	243	235	209	221	301	130	-8	49	222	427	446
320	240	99	175	288	220	94	-139	-211	-308	-234	-113	-100	-40	-220	-448	-106	-50	-306	-432
-108	16	-170	-247	-54	-50	-297	-272	-113	-351	-389	-114	359	396	364	225	-11	-24	139	133
207	156	2	-359	-441	-82	105	219	254	312	7	-175	-136	155	299	661	537	310	217	475
505	91	-83	0	-175	-53	71	199	75	-212	-149	-284	-388	-24	18	-58	-93	-14	65	-155
-248	-209	-335	-217	-111	-116	83	354	511	513	441	414	276	32	-96	-252	-281	-179	-76	-94
-180	-27	83	-70	-309	-465	-385	-352	-350	-177	35	0	-165	-291	-96	45	-34	-154	-44	158
148	49	174	168	126	-49	-33	-12	-122	-150	63	197	365	395	522	496	300	126	51	-81
-91	-55	-43	67	101	-87	-199	-231	-317	-232	-10	-74	-343	-340	-297	-175	-84	-42	-24	-24
-122	-233	-303	-252	-112	13	64	14	-97	-241	-168	61	221	250	204	66	12	-7	-41	-50
-129	-168	-137	-59	113	152	116	101	97	73	-64	-124	-124	-163	-84	15	133	152	186	209
33	-15	-69	-50	55	96	90	82	133	210	244	281	281	223	197	212	234	206	46	-40
-64	5	48	44	67	-36	-146	-182	-137	-77	-132	-208	-251	-317	-270	-265	-207	-51	164	293
272	132	60	2	-70	-209	-180	-12	7	70	119	198	160	234	247	260	310	270	146	100
76	72	109	116	152	189	181	181	158	200	170	28	7	55	106	74	-18	-27	-42	-174
-206	-263	-250	-182	-152	-218	-391	-456	-428	-366	-243	-120	-222	-318	-304	-236	-264	-296	-158	-116
-93	-74	-17	82	88	72	65	81	139	84	84	161	152	40	28	39	69	120	161	86
-13	7	64	125	177	192	115	42	-13	39	53	56	79	70	88	31	5	69	91	129
131	55	16	-101	-144	-107	-102	-151	-152	-172	-167	-108	-40	4	-55	-102	-119	-147	-73	-57
-1	45	129	186	125	73	112	153	126	161	150	94	42	73	90	57	26	-33	-2	56
39	31	-6	11	85	89	138	169	131	101	32	21	71	35	-19	-91	-161	-198	-146	-174

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IIQ237 71.166.0
STATION NO. 447
INSTR PERIOD = 0.03 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
1760 N. ORCHID AVENUE, 12TH FLOOR, HOLLYWOOD, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP SOUT 34 06 10N, 118 20 20W
DAMPING = 0.592

PEAK VALS ACCLN = -78.7 CM/SEC/SEC AT 8.72 SEC VELO = 14.6 CM/SEC AT 8.10 SEC DISP = 8.7 CM AT 8.72 SEC

INITIAL VELO = 0.21702 CM/SEC INITIAL DISP = -0.46906 CM

2058 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

21	-11	17	14	1	-4	-49	-94	-64	11	23	38	58	49	-8	-47	-62	-37	26	66
65	68	62	22	-56	-118	-110	-56	-10	59	61	64	-13	-71	-71	27	94	62	-17	7
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86	125	130	45	2	-80	-97	-30	2	0	10	81	33	-87	-105	-56	62	86	76	-14
-62	-33	-30	-18	25	93	85	-40	-103	-52	29	18	-11	-33	22	30	-7	-87	-56	48
94	3	-35	-43	-33	-65	-65	12	51	-4	-68	-115	-51	17	82	68	85	89	113	92
67	34	3	23	8	-51	-13	-26	-43	-31	16	48	59	29	-70	-77	15	61	127	110
41	-38	-80	-106	-10	91	54	41	55	2	-115	-138	-184	-138	-33	0	-74	-130	-151	-188
-133	-95	-19	59	101	-15	-117	-110	-85	-99	-57	-11	14	25	4	-72	-118	-149	-123	-42
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180	137	46	-49	-102	-132	-140	-62	95	79	-56	-175	-179	-216	-212	-86	2	83	60	-89
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-10	-14	-25	-46	-54	-26	-20	-28	-38	-22	2	13	22	34	6	-37	-78	-74	-28	-36
-93	-162	-155	-87	-59	-74	-75	-47	-21	-26	-66	-89	-79	-57	-50	-47	-46	-46	-39	-20
-24	-11	13	20	3	4	25	23	20	14	16	28	22	2	-9	-47	-46	-30	43	31
34	57	80	67	61	65	79	86	81	61	48	37	43	71	90	71	45	37	39	39

33	11	-15	-15	-11	-27	-50	-37	-11	-8	-19	-30	-37	-41	-49	-70	-79	-75	-67	-26
-27	-51	-85	-112	-130	-123	-94	-91	-107	-100	-100	-114	-125	-122	-99	-54	-41	-38	-33	-38
-40	-30	-26	-31	-48	-19	-16	-33	-65	-41	-14	-1	-2	-31	-38	-10	18	30	22	11
22	40	53	70	78	82	89	107	95	83	95	126	153	139	95	63	57	54	59	66
70	81	78	67	55	74	85	74	64	62	67	77	79	82	84	79	74	66	66	64
29	13	6	2	0	-7	-24	-30	-33	-50	-67	-51	-41	-46	-59	-74	-80	-78	-76	-59
-45	-45	-61	-75	-71	-72	-73	-76	-87	-100	-104	-107	-112	-119	-137	-142	-109	-74	-72	-95
-109	-115	-107	-83	-68	-63	-61	-71	-69	-51	-33	-20	-4	8	-4	-30	-45	-23	16	34
41	48	49	57	63	57	42	42	66	78	74	71	71	70	75	77	87	96	93	88
109	141	150	150	141	129	112	108	104	107	119	134	125	91	74	68	62	60	55	46
25	12	25	48	45	18	1	-8	-11	-11	-7	5	18	33	27	-10	-40	-41	-41	-57
-67	-78	-88	-83	-84	-87	-86	-68	-61	-70	-85	-98	-100	-87	-72	-77	-74	-73	-80	-94
-105	-112	-95	-81	-82	-89	-82	-66	-60	-54	-48	-35	-30	-37	-38	-30	-17	-9		

IIQ237 71.166.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 447 1760 N. ORCHID AVENUE, 12TH FLOOR, HOLLYWOOD, CAL. COMP EAST 34 06 10N, 118 20 20W
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -130.4 CM/SEC/SEC AT 8.16 SEC VELO = -20.0 CM/SEC AT 10.80 SEC DISP = 9.5 CM AT 10.16 SEC

INITIAL VELO = 0.41342 CM/SEC INITIAL DISP = -0.35259 CM

2057 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

4	25	11	9	5	-17	-21	-3	27	40	29	-11	-39	-28	-14	-5	14	22	32	25
7	-13	-17	-29	-23	9	11	30	31	15	-3	-38	-79	-78	-26	39	64	63	21	-26
-21	-34	-48	-48	-28	-3	55	102	64	-7	-77	-79	-78	-76	-35	4	33	75	69	10
-45	-59	-46	-53	-80	-26	62	103	84	5	-39	-62	-32	2	-6	-34	-7	48	66	-4
-93	-105	-68	-29	16	-11	-36	8	90	136	103	-13	-99	-72	-21	28	39	63	98	94
32	-40	-80	-86	-49	1	9	-14	-13	13	31	27	24	27	-17	-10	12	47	26	23
42	48	39	3	-19	-21	-13	29	58	44	7	-19	-12	-24	-50	-51	-23	-5	-50	-64
-58	-43	-13	57	76	7	-63	-77	-64	-17	10	7	28	9	-5	-43	-104	-95	-58	-62
-79	-101	-57	29	78	66	26	-66	-91	-43	-21	1	78	126	127	70	-9	-9	23	67
85	66	18	-13	-5	15	24	2	-43	-61	-26	-8	26	101	94	24	2	16	26	48
54	16	-33	-89	-118	-66	-87	-71	-5	25	-38	-140	-193	-181	-105	-55	4	13	-32	-78
-69	-92	-71	-36	26	59	46	8	-26	12	-28	-78	-74	-51	-60	-82	-63	-75	-70	-126
-147	-97	-71	-29	47	92	120	124	242	339	395	467	477	563	569	551	588	331	-3	-121
-47	52	-82	-287	-390	-470	-523	-481	-410	-193	114	194	182	265	366	367	192	-252	-277	63
400	516	440	192	-73	-152	-82	-96	-178	-326	-502	-477	-322	-269	-247	-227	-326	-332	-169	-42
132	116	-102	-132	62	281	413	374	226	89	-23	-75	68	251	322	263	91	33	-27	-193
-428	-834	-1208	-1193	-689	-35	364	267	34	17	151	354	610	626	424	332	461	543	255	-255
-822	-1066	-813	-536	-286	-168	-78	123	390	324	122	-7	5	234	392	519	582	387	44	-189
-309	-507	-411	51	701	870	705	607	611	603	522	521	579	569	297	-13	-192	-399	-432	-195
102	227	197	57	-75	-171	-145	-29	-85	-216	-260	27	473	851	662	290	72	-168	-200	-117
-96	-131	-242	-521	-670	-761	-948	-1195	-1304	-1298	-917	-466	-219	-135	-110	-24	166	122	-101	-158
-25	42	22	-35	-62	-202	-527	-694	-582	-412	-312	38	524	939	960	660	270	-43	-163	-143
-45	173	464	418	95	-74	-227	-293	-160	218	480	568	705	934	917	669	553	527	484	480
548	639	609	512	497	615	759	603	262	68	4	9	9	-65	-132	-138	-218	-346	-399	-272
-151	-246	-453	-227	233	306	225	240	309	333	230	97	41	-80	-395	-526	-442	-522	-690	-719
-507	-341	-334	-512	-756	-768	-622	-510	-452	-431	-478	-521	-650	-839	-673	-297	-119	-40	17	52
105	157	63	-94	-448	-879	-844	-440	-286	-400	-426	-302	-157	-149	-360	-383	-305	-300	-299	-157
13	196	314	376	408	323	74	-76	-22	18	27	-22	-97	-124	-94	15	295	456	289	157
167	184	216	190	165	211	350	498	563	493	356	91	-93	-15	160	252	250	296	402	332
105	48	161	353	474	547	531	484	390	229	94	21	85	201	293	306	269	208	78	-9
-14	-43	-134	-181	-19	195	259	254	276	375	423	296	188	164	137	38	-82	-166	-139	-131
-208	-319	-418	-313	-200	-124	-37	37	111	81	-25	-83	-67	-42	-84	-194	-103	92	39	-26
-94	-143	-161	-149	-120	-2	67	112	132	157	149	110	81	57	41	16	-16	-5	10	4
13	40	8	-39	-63	-25	38	165	381	408	265	83	36	-9	-34	-32	-33	-33	-9	45
64	-40	-187	-263	-284	-125	105	281	308	294	157	14	-55	-87	-32	-17	-80	-149	-192	-225
-280	-274	-237	-232	-197	-133	-145	-178	-201	-165	-104	-59	-52	-92	-115	-140	-180	-229	-255	-181
-125	-132	-85	-53	-56	-52	31	139	215	200	176	63	-93	-267	-341	-303	-216	-125	-79	-132
-199	-245	-248	-220	-161	-125	2	116	143	102	60	29	-5	-16	-11	0	54	80	20	-96
-193	-214	-168	-108	-94	-162	-245	-285	-244	-205	-136	-78	-67	-68	-114	-181	-209	-154	-87	-2
135	227	149	57	0	-31	-11	15	16	6	14	28	44	39	55	7	-20	-15	-18	14

54	54	56	79	112	188	267	284	292	328	338	318	240	194	195	154	108	104	118	156
174	193	230	238	270	293	313	310	258	230	187	169	141	115	103	180	245	274	288	263
194	145	115	85	47	43	88	101	58	14	-13	-50	-79	-56	-34	-58	-117	-135	-122	-90
-51	-60	-52	-32	-30	-47	-74	-106	-144	-184	-221	-250	-238	-145	-85	-91	-141	-203	-272	-343
-389	-371	-276	-234	-231	-213	-189	-196	-234	-256	-237	-140	-55	-8	10	27	23	1	-43	-35
-22	-67	-75	-50	-59	-23	24	80	135	170	151	107	103	117	90	79	73	53	78	136
145	123	117	93	75	135	269	401	442	416	415	438	411	281	189	122	98	83	69	66
60	38	42	68	60	23	52	86	99	109	123	80	5	-72	-96	-23	-25	-123	-210	-200
-152	-121	-111	-136	-194	-230	-186	-107	-73	-108	-202	-276	-259	-255	-270	-265	-267	-288	-299	-330
-353	-344	-273	-203	-125	-99	-142	-204	-256	-279	-263	-244	-181	-127	-90	-76	-71	-88	-120	-143
-149	-104	-42	-8	3	-7	-33	-47	-40	-70	-73	-40	10	24	-14	-40	-8	47	98	139
193	240	244	237	229	227	199	195	213	244	255	250	255	259	233	200	172	164	163	168
216	273	252	181	123	110	132	140	123	159	203	199	166	149	133	95	52	28	78	145
182	178	149	100	46	-8	-42	-48	-11	-8	-47	-55	-11	10	-10	-56	-100	-134	-139	-127
-89	-75	-129	-182	-185	-160	-133	-110	-95	-98	-118	-151	-178	-195	-179	-136	-114	-98	-104	-125
-140	-152	-162	-171	-190	-169	-129	-83	-58	-62	-82	-109	-78	42	132	130	84	44	24	-4
-54	-65	-41	8	44	64	69	76	88	72	20	-17	17	90	155	201	206	174	123	97
135	191	219	208	170	131	110	70	46	58	73	66	70	59	30	1	-17	-50	-63	-48
-41	-15	27	18	-26	-39	-49	-70	-46	11	72	84	54	-3	-57	-90	-65	-24	3	12
-19	-89	-158	-179	-178	-166	-158	-162	-107	-71	-91	-131	-158	-186	-192	-158	-111	-48	6	4
-28	-56	-48	-24	-3	14	28	72	73	35	6	24	48	23	-13	-14	23	49	13	-15
-30	-59	-68	-32	2	19	-2	-25	-6	41	85	112	103	90	81	99	136	151	111	45
9	-11	-10	-42	-87	-87	-31	12	17	18	17	8	-15	-27	-2	43	69	77	75	53
23	13	24	20	29	47	75	73	62	48	23	2	-9	-13	-18	-31	-36	-12	6	26
33	41	65	73	57	53	76	76	44	21	9	6	24	31	13	-27	-49	-33	-2	-6
-45	-36	2	3	-12	-42	-66	-57	-28	13	28	5	-41	-78	-82	-89	-94	-91	-95	-62
-7	29	25	-23	-57	-74	-68	-59	-52	-60	-84	-129	-142	-108	-85	-102	-99	-78	-50	-44
-31	-10	5	-3	-2	-23	53	40	13	8	9	18	29	24	10	16	23	8	-13	-2
39	65	81	87	57	32	33	79	125	128	80	45	61	72	71	71	60	53	79	92
63	63	34	-5	-14	-10	-15	1	27	47	65	64	47	39	25	11	6	13	-19	-53
-83	-95	-82	-76	-80	-79	-73	-64	-63	-76	-114	-142	-134	-114	-98	-100	-79	-86	-117	-112
-65	-38	-25	-11	-6	-13	-27	-34	-33	-15	-35	-54	-66	-77	-54	-49	-72	-83	-82	-57
-21	3	22	43	54	56	56	67	95	111	124	138	135	119	105	97	99	124	137	117
121	140	165	184	164	121	83	63	53	62	78	86	82	72	70	71	97	107	103	104
107	130	158	156	141	126	106	89	74	44	17	19	17	5	-12	-27	-16	-11	-25	-31
-34	-41	-50	-61	-69	-69	-78	-93	-105	-100	-93	-93	-92	-105	-108	-107	-101	-98	-136	-168
-155	-114	-92	-78	-80	-111	-145	-175	-201	-200	-180	-155	-136	-121	-117	-120	-131	-142	-146	-128
-93	-53	-30	-19	-36	-55	-46	-29	-11	5	34	55	52	31	15	1	12	8	16	26
31	48	68	70	69	54	41	59	113	155	171	158	137	122	118	112	100	92	84	79
71	69	68	68	66	82	89	84	84	82	70	57	33	18	-13	-35	-33	-29	-30	-26
-28	-25	-17	-11	-5	4	-3	-21	-32	-34	-17	-18	-30	-39	-39	-56	-82	-100	-104	-76
-50	-39	-34	-34	-49	-68	-63	-55	-52	-52	-53	-38	-23	-31	-35	-40	-30	-7	19	30
38	39	37	22	19	29	36	20	11	11	4	-4	-20	-21	-18	-2	13	23	43	55
72	91	110	73	46	56	53	52	51	49	43	42	45	52	56	38	22	19	21	18
12	-2	-9	-24	-35	-27	-21	-14	-14	-7	3	-10	-29	-43	-48	-56	-53	-43	-29	-8
46	70	44	25	-9	-54	-83	-98	-99	-58	-13	-1	-7	-3	-23	-55	-79	-75	-38	-16
24	45	56	-37	-122	-147	-124	-98	-59	-40	-2	9	-26	-54	-54	-54	-42	-7	20	24
11	-13	-28	-10	-37	-14	-34	-30	-10	13	72	49	4	2	23	25	-18	-54	-52	-5
24	22	11	10	37	62	82	62	28	47	105	130	106	55	35	44	60	71	70	69
69	72	81	85	82	80	115	131	87	53	44	56	58	31	2	-10	6	36	65	69

67	67	76	77	68	75	77	84	55	7	-9	-10	-43	-73	-60	-67	-90	-98	-93	-55
-33	-33	-59	-92	-100	-93	-74	-75	-76	-75	-76	-91	-101	-93	-58	-66	-96	-70	-34	-21
-21	-36	-58	-72	-88	-102	-79	-75	-105	-111	-103	-91	-81	-68	-62	-48	-31	-35	-48	-41
-24	-3	13	8	-3	3	21	26	17	7	7	15	30	33	36	37	36	36	41	46
39	38	33	39	50	56	56	59	55	42	31	29	27	45	76	95	103	105	99	99
97	92	82	80	93	106	106	96	76	50	31	21	19	15	0	-22	-31	-14	12	17
6	1	10	12	17	25	14	-7	-25	-37	-29	-12	-24	-37	-29	-18	-20	-32	-50	-73
-79	-60	-55	-48	-59	-77	-87	-90	-92	-88	-74	-68	-69	-80	-98	-92	-76	-59	-37	-19
-18	-25	-26	-32	-38	-39	-35	-33	-21	-13	-16	-25	-31	-38	-31	-16	-8	0	25	53
62	52	36	21	21	26	31	32	24	17	23	36	48	47	42	48	67	80	83	71
40	17	18	38	59	68	59	62	70	62	44	26	16	23	32	47	52	42	25	6
-5	-10	-11	-14	-24	-28	-30	-38	-34	-24	-19	-14	-13	-18	-21	-25	-28	-26	-28	-44
-57	-58	-54	-53	-56	-56	-40	-29	-26	-34	-26	-23	-19	-22	-23	-25	-34			

IIQ237 71.166.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 447 1760 N. ORCHID AVENUE, 12TH FLOOR, HOLLYWOOD, CAL.
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP UP 34 06 10N, 118 20 20W

PEAK VALS	ACLN =	130.7	CM/SEC/SEC AT	5.82	SEC	VELO =	-9.0	CM/SEC AT	7.48	SEC	DISP =	2.2	CM AT	13.70	SEC
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INITIAL VELO = 2.03427 CM/SEC      INITIAL DISP = -0.24744 CM
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2058 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-143	-193	-132	-94	64	90	140	71	-19	-128	-227	-181	-78	60	190	339	341	125	-149	-379
-445	-374	-198	-28	210	295	261	124	-4	-97	-182	-245	-230	-94	154	386	383	162	-40	-265
-281	-144	-121	-41	-9	104	176	228	102	-176	-331	-257	-4	181	240	157	-9	-112	-228	-211
-148	-168	-78	127	354	369	390	191	-36	-127	-170	-76	-142	-226	-250	-167	-29	123	185	153
82	-30	-25	12	-62	-117	-204	-203	-159	0	128	210	167	173	119	13	-23	-81	-104	-127
-53	53	114	31	-39	-65	-53	-2	-47	-50	-39	38	86	93	103	99	105	19	47	58
59	49	92	93	30	-78	-148	-283	-227	-68	119	198	194	119	29	-213	-365	-311	-190	-118
132	257	211	45	-23	-291	-399	-362	-164	-6	114	198	122	117	-95	-164	-187	-170	-182	-147
-110	-99	-110	-27	90	147	316	379	190	-2	-63	-108	-16	94	173	74	-10	-113	-106	-97
2	15	90	127	266	273	234	99	-105	-270	-349	-228	-5	233	407	446	419	223	-22	-249
-447	-498	-337	65	320	386	339	53	-233	-394	-407	-288	-63	90	204	179	143	244	121	44
42	138	171	254	295	-49	-57	723	-319	-262	-29	-29	9	-67	-46	-13	-16	136	60	42
17	-306	-422	-715	-450	-148	384	-703	703	607	140	-235	-404	-543	-551	-299	-111	258	309	467
429	281	283	47	222	386	346	326	171	-223	-650	-780	-540	-483	-226	182	407	931	960	953
717	132	-291	-763	-1256	-1183	-926	-490	-11	818	1272	1307	1110	454	-138	-561	-873	-979	-936	-714
-449	-106	243	567	686	408	207	23	-304	-389	-440	-374	-235	-10	224	329	453	479	427	175
-17	13	191	420	329	32	-392	-535	-402	-349	-278	-53	15	109	317	279	226	222	-574	-724
-654	-384	140	549	741	603	366	150	-8	-125	-161	-122	-116	-178	-13	48	25	-114	-329	-349
-352	-225	-101	126	86	2	15	-52	-375	-824	-963	-894	-642	-319	245	874	779	488	266	103
-69	39	189	264	263	235	252	202	206	233	182	227	213	239	194	204	144	183	304	413
218	-28	-431	-725	-625	-417	-91	340	418	-31	-350	-381	-482	-578	-546	-155	-86	144	315	474
187	-264	-672	-899	-835	-553	-82	504	838	881	773	401	-63	-465	-649	-449	-170	49	201	328
370	277	141	-15	-73	-266	-285	-197	12	526	902	878	630	464	320	183	-128	-114	-185	-255
-117	131	333	246	-24	-278	-676	-663	-318	-8	234	243	53	-53	-125	-71	-60	-290	-571	-715
-540	77	739	1167	1181	841	535	153	-394	-717	-786	-691	-424	-136	298	500	480	201	-259	-696
-945	-872	-594	-286	70	439	807	709	261	-92	-598	-618	-378	-137	209	479				

-114	-123	-110	-42	-15	20	36	18	-72	-200	-268	-236	-142	12	162	235	221	154	93	36
-19	-36	-36	10	88	201	221	160	-5	-209	-271	-254	-163	-16	93	133	148	146	139	93
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IIQ238 71.167.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 448 1760 N. ORCHID AVENUE, 23RD FLOOR, HOLLYWOOD, CAL. COMP SOUT 34 06 10N, 118 20 20W
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -111.7 CM/SEC/SEC AT 6.96 SEC VELO = 21.6 CM/SEC AT 8.06 SEC DISP = 10.0 CM AT 8.46 SEC

2035 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.32870 CM/SEC INITIAL DISP = -0.29721 CM

-22	-23	-1	10	21	30	25	33	16	1	-10	18	-21	-30	-55	-43	-16	-8	4	36
0	-48	-98	-110	-71	20	68	91	119	110	58	-58	-137	-106	-13	76	127	178	134	4
-140	-90	53	93	20	23	78	116	79	28	4	-32	-82	-55	35	69	36	-50	-12	16
7	-19	-89	-115	-14	46	96	144	136	74	-2	-87	-44	-16	-13	-12	82	120	46	-61
-135	-108	-35	74	85	-21	-48	-66	-90	-107	34	111	61	-37	-45	-17	-10	-29	-31	75
95	7	-66	-67	1	37	15	14	35	-24	-87	-74	7	38	10	-56	-118	-109	-39	3
4	54	111	168	148	85	50	77	137	170	149	121	35	-6	-24	36	93	92	1	-56
-59	-27	9	24	35	-9	-124	-184	-116	-19	32	37	79	123	-25	-142	-265	-238	-124	7
-38	-119	-181	-223	-217	-238	-131	27	33	-31	-109	-134	-122	-123	-103	-60	2	44	60	79
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-187	-47	104	140	65	-1	-71	-180	-190	-213	-26	135	160	38	-72	-149	-327	-365	-243	-35
13	-74	-120	-71	-30	-50	-123	-252	-244	-78	27	107	173	136	7	-105	-177	-210	-265	-182
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325	326	199	239	401	540	389	73	60	9	-183	-293	-319	-251	-136	29	296	318	96	-27
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-356	-292	-48	111	198	237	133	-76	-332	-290	59	303	488	570	242	-121	-173	-216	-390	-385
-92	134	259	330	305	274	-99	-747	-1117	-924	-288	142	206	171	122	-36	-126	-204	-28	190
253	284	296	195	59	46	484	744	870	735	309	89	19	-88	-248	-220	165	555	756	436
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-259	-278	-123	17	32	-99	-61	31	46	-11	34	72	178	254	555	766	590	307	93	-108
-530	-790	-530	-4	203	147	339	580	533	163	165	421	560	404	257	292	502	609	574	368
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-378	-438	-451	-233	-77	27	119	97	99	47	115	299	419	405	311	273	276	232	136	39
-155	-323	-374	-346	-314	-343	-375	-439	-460	-464	-551	-629	-645	-539	-393	-251	-116	59	176	134
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-184	-181	-119	-55	-15	-12	-2	43	15	-107	-185	-247	-279	-301	-285	-220	-181	-185	-169	-102
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479	400	288	170	81	-4	-71	-120	-155	-183	-225	-299	-354	-349	-341	-350	-374	-406	-435	-470
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-428	-464	-470	-451	-429	-432	-388	-330	-276	-223	-176	-150	-129	-66	-5	39	79	110	130	137
132	105	99	103	37	-12	-16	13	58	78	31	-46	-103	-110	-103	-81	-64	-59	-35	18
76	116	147	184	228	294	366	407	432	436	436	429	426	418	354	226	141	95	71	49
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188	186	170	152	134	131	126	136	136	128	106	99	119	112	69	55	56	55	47	50
56	66	44	18	35	62	54	34	19	3	-12	-18	-18	-36	-53	-67	-91	-111	-107	-92
-108	-148	-168	-175	-185	-193	-174	-146	-154	-163	-148	-121	-124	-138	-154	-148	-140	-136	-134	-142
-165	-154	-121	-99	-102	-98	-103	-106	-95	-88	-84	-83	-82	-75	-53	-28	-10	-11	-1	35
58	35	13	29	50	72	90	104	136	166	176	168	164	169	176	181	186	184	184	166
156	158	157	135	119	134	148	151	156	163	142	128	116	105	91	102	121	114	110	92
78	55	38	29	19	-11	-31	-22	1	-1	-35	-66	-82	-87	-92	-93	-91	-66	-44	-64
-84	-85	-80	-85	-100	-109	-111	-114	-113	-118	-115	-94	-93	-98	-106	-112	-106	-87	-78	-76
-85	-82	-89	-97	-109	-97	-83	-85	-92	-91	-79	-71	-75	-69	-32	-4	-8	-19	-15	14
27	40	46	63	82	92	100	99	100	102	113	115	95	96	97					

IIQ238 71.167.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 448 1760 N. ORCHID AVENUE, 23RD FLOOR, HOLLYWOOD, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP EAST 34 06 10N, 118 20 20W

PEAK VALS ACCLN = 197.3 CM/SEC/SEC AT 8.68 SEC VELO = 25.4 CM/SEC AT 9.42 SEC DISP = 11.3 CM AT 9.96 SEC

2035 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.48310 CM/SEC INITIAL DISP = -0.61627 CM

2035	INSTRUMENT AND BASELINE CORRECTED DATA										IN MM/SEC/SEC										AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
-16	1	33	46	47	20	-22	-31	-27	8	47	47	23	10	-26	-44	-23	23	42	26											
3	-12	-19	-34	-36	-31	-9	18	30	54	72	17	-46	-45	-27	1	29	49	68	59											
9	-43	-29	-5	3	-5	-3	16	39	48	-14	-68	-70	-35	16	51	45	-9	-38	-29											
-13	-22	-61	-91	-55	21	25	-9	-22	-31	-27	-58	-92	-70	17	44	25	22	26	39											
33	8	-29	1	33	36	0	-73	-96	-60	12	23	-34	-116	-130	-47	84	114	6	-90											
-88	-5	48	68	72	95	99	56	-10	-35	-16	12	-2	-13	-10	-32	-41	-40	-7	44											
38	-7	-8	23	11	1	3	14	32	34	18	8	28	53	56	73	39	-4	-47	-73											
-78	-56	-25	-8	-28	-97	-157	-167	-155	-85	-15	-6	-51	-99	-83	-54	-36	-17	-32	-19											
-5	-9	1	49	56	9	-102	-153	-84	23	109	142	79	-11	-41	-29	5	49	122	134											
68	15	47	109	177	194	162	82	37	38	46	40	15	-46	-82	-75	-46	5	46	46											
-28	-106	-103	-68	3	67	68	-11	-102	-132	-175	-217	-202	-48	13	-5	-110	-219	-242	-234											
-181	-127	-105	-113	-91	-70	-66	-31	-12	-18	1	8	64	130	159	98	66	83	48	28											
-14	-14	-26	-98	-158	-202	-163	-99	-7	68	57	66	91	134	256	433	629	781	848	997											
1115	1013	717	465	410	370	276	90	-35	-125	-334	-716	-1031	-957	-682	-545	-487	-436	-147	-151											
-646	-963	-820	-405	-46	116	133	100	202	259	249	279	254	76	-106	-229	-235	-122	-3	15											
-78	-203	-122	83	81	-89	-199	-145	61	224	326	398	377	242	112	111	239	425	505	508											
437	315	200	-13	-565	-1438	-1842	-1399	-700	-381	-431	-469	-389	-172	58	140	71	134	416	706											
805	459	42	-330	-558	-528	-465	-392	-140	353	763	861	608	308	172	284	533	701	606	410											
224	19	-344	-493	-81	442	777	931	980	1035	1015	908	759	823	838	656	416	124	-174	-269											
-129	56	124	44	-97	-270	-447	-537	-473	-603	-979	-1224	-711	-17	214	126	-136	-295	-290	-270											
-230	-103	-62	-189	-316	-465	-676	-926	-1360	-1658	-1655	-1378	-1002	-771	-609	-332	-63	24	-83	-200											
-201	-146	-72	67	277	398	273	50	-138	-239	-288	-55	580	1485	1973	1689	1189	875	640	493											
524	669	721	610	448	193	18	25	103	87	9	190	517	565	448	392	319	243	244	300											
315	306	248	362	652	968	1058	898	508	294	199	20	-106	-107	-76	-195	-505	-730	-620	-656											
-854	-1016	-915	-686	-570	-559	-476	-312	-182	-91	-54	-204	-440	-506	-538	-643	-714	-624	-421	-178											
-43	-263	-576	-734	-738	-717	-723	-628	-509	-557	-783	-926	-740	-513	-398	-357	-328	-190	3	218											
579	690	220	-169	-259	-224	-210	-344	-397	-131	76	109	14	-84	-160	-165	-225	-267	-140	60											
301	447	488	397	245	184	155	63	5	14	-19	-91	24	381	615	634	564	473	373	209											
50	17	139	421	670	843	911	724	400	177	131	132	99	135	258	384	338	190	144	248											
342	378	395	396	356	276	142	47	47	135	206	219	208	203	130	40	24	-38	-236	-430											
-475	-329	-180	-61	96	247	310	290	207	121	44	-59	-173	-191	-119	-95	-175	-316	-342	-294											
-258	-212	-124	-75	-66	-104	-136	-79	-82	-195	-231	-131	-10	45	-6	-62	-88	-102	-99	-107											
-83	-28	59	166	285	322	384	386	357	268	178	117	103	118	130	190	245	219	191	101											
45	18	60	226	371	375	259	138	81	34	-6	-70	-109	-104	-71	-47	-74	-237	-446	-489											
-325	-108	3	89	82	26	-48	-104	-123	-80	-66	-96	-147	-213	-239	-279	-280	-256	-205	-149											
-165	-210	-274	-331	-232	-191	-158	-164	-151	-203	-303	-321	-202	-176	-170	-157	-108	-83	-79	-68											
-24	79	219	390	515	482	240	59	-18	-69	-25	68	87	98	14	-58	-159	-267	-339	-286											
-175	-76	-73	-145	-208	-217	-214	-192	-127	-100	-69	-48	-95	-137	-151	-108	-35	-19	-90	-153											
-196	-221	-257	-244	-193	-111	-73	-72	-166	-233	-221	-179	-71	24	145	228	194	138	72	62											
114	158	193	202	190	178	188	209	237	224	183	112	57	41	35	38	54	121	168	204											

253	324	412	415	385	347	311	295	213	162	195	233	253	273	285	290	290	309	357	334
289	237	185	175	159	110	36	53	128	160	184	178	179	166	125	31	-50	-78	-69	-68
-70	-79	-116	-196	-196	-216	-220	-255	-289	-344	-365	-345	-336	-295	-229	-146	-97	-126	-164	-183
-233	-310	-347	-362	-237	-149	-110	-76	-55	-129	-213	-350	-476	-432	-401	-370	-333	-288	-253	-260
-319	-320	-240	-184	-146	-99	-54	23	78	100	127	162	170	171	161	131	89	96	145	389
497	541	541	486	436	348	268	218	185	191	202	227	228	196	123	69	167	289	305	333
362	418	433	400	319	239	178	124	77	33	-6	8	28	55	7	-65	-70	-75	-70	-46
-28	-11	-91	-212	-269	-209	-217	-291	-354	-417	-451	-401	-343	-319	-344	-319	-266	-197	-180	-275
-336	-350	-380	-373	-329	-254	-220	-281	-333	-377	-333	-253	-228	-182	-125	-47	-93	-179	-231	-248
-235	-209	-160	-96	-28	29	65	99	71	58	45	58	78	97	98	105	132	123	95	86
113	150	133	83	58	56	74	105	160	205	263	298	329	322	290	275	285	316	355	382
422	422	405	378	357	313	276	283	327	323	284	229	193	168	131	86	78	108	117	100
74	62	26	-33	-81	-92	-63	-21	4	0	-7	-38	-92	-145	-156	-133	-149	-184	-204	-163
-122	-119	-134	-156	-184	-210	-200	-175	-188	-213	-237	-249	-249	-213	-170	-128	-115	-145	-197	-214
-196	-153	-117	-92	-83	-88	-117	-126	-118	-117	-117	-118	-118	-92	-40	-17	-50	-102	-88	-7
97	175	201	200	190	151	89	41	41	86	141	156	179	222	225	186	117	74	73	123
187	223	218	186	160	168	203	241	270	258	236	179	133	128	132	137	141	132	104	58
23	-19	-67	-84	-106	-136	-157	-168	-182	-199	-233	-268	-300	-272	-200	-135	-125	-159	-200	-227
-202	-135	-53	17	30	-5	-70	-112	-127	-127	-111	-68	-11	-4	-29	-77	-119	-164	-186	-175
-119	-66	-50	-54	-64	-53	-33	-27	-26	-6	37	78	81	63	69	120	137	106	93	113
129	124	100	53	9	-6	3	12	14	-2	-40	-74	-61	1	49	52	39	36	52	88
129	116	75	50	44	33	-21	-69	-56	-10	26	25	37	30	5	-41	-60	-41	13	53
54	28	8	2	14	21	35	67	81	88	92	106	114	101	78	44	-1	-22	-27	-22
-8	5	13	39	56	56	55	75	94	72	41	6	-10	3	29	38	-2	-35	-51	-47
-45	-72	-101	-92	-79	-69	-86	-129	-158	-157	-116	-64	-78	-109	-119	-121	-133	-125	-133	-144
-86	-18	26	51	38	22	-2	-18	-19	-2	-1	-36	-82	-84	-60	-73	-78	-74	-68	-75
-78	-54	-25	-5	-4	5	30	54	51	47	41	82	88	89	89	85	101	118	93	85
86	90	110	126	120	90	70	83	110	107	97	99	91	91	78	65	56	52	49	40
39	35	14	-10	-35	-55	-89	-90	-74	-54	-40	-14	-17	-27	-41	-51	-42	-35	-48	-78
-108	-131	-140	-138	-131	-123	-116	-99	-95	-113	-158	-182	-186	-180	-182	-166	-155	-170	-172	-130
-88	-62	-39	-5	10	7	6	23	49	85	98	71	52	51	47	46	40	29	32	34
39	49	68	88	97	93	74	73	75	110	152	189	201	187	171	170	180	198	200	208
207	241	271	282	232	172	133	100	82	80	73	73	61	55	54	61	66	56	39	33
50	69	82	76	76	82	77	62	22	5	3	-12	-17	-32	-45	-38	-42	-48	-61	-72
-97	-116	-132	-148	-164	-177	-188	-202	-215	-210	-212	-215	-233	-231	-213	-209	-246	-264	-244	-193
-154	-130	-120	-130	-172	-202	-196	-165	-140	-115	-93	-76	-69	-68	-66	-64	-73	-69	-38	1
27	35	37	36	45	63	90	150	194	213	205	186	165	155	152	146	133	131	145	158
154	139	115	85	73	107	127	133	128	115	101	83	60	48	41	27	17	5	1	-5
-2	7	13	21	24	21	18	14	-2	-21	-37	-62	-85	-104	-115	-123	-118	-106	-95	-87
-66	-59	-60	-79	-89	-91	-71	-68	-61	-53	-51	-79	-101	-103	-80	-58	-36	-23	-15	-19
-27	-35	-37	-36	-38	-45	-40	-28	-21	-14	-13	0	14	37	60	79	99	109	95	83
88	100	100	100	97	80	52	35	27	28	31	29	26	20	23	41	57	48	30	24
18	16	20	29	38	43	48	61	73	72	58	46	38	32	28	17	14	15	5	-15
-26	-39	-38	-13	-7	-14	-30	-46	-61	-77	-89	-104	-81	-32	-2	17	31	29	-3	-48
-92	-118	-122	-86	-52	-24	-6	0	-28	-53	-64	-65	-59	-30	14	38	-1	-66	-101	-116
-127	-124	-73	-31	-34	-51	-60	-70	-78	-70	-10	17	35	-8	-21	-20	-1	17	26	19
1	4	31	58	65	82	112	126	87	19	90	101	120	137	148	125	120	142	167	138
64	78	119	136	117	88	77	84	90	90	90	101	120	137	148	125	120	142	167	138
89	61	57	58	51	13	-20	-34	-33	-37	-42	-28	2	15	1	-22	-9	12	26	12
-11	-19	-49	-78	-77	-69	-70	-89	-112	-137	-141	-102	-90	-108	-129	-146	-159	-170	-178	-163

-137	-149	-169	-178	-170	-169	-18	-160	-126	-83	-50	-43	-35	-34	-44	-63	-77	-72	-67	-61	-59
-56	-49	-47	-46	-35	-18	-18	4	-1	-26	-31	-18	5	31	38	30	36	56	69	69	71
74	97	112	115	114	117	117	119	129	134	137	130	119	117	115	120	126	120	105	87	70
41	21	32	67	83	98	98	99	95	99	99	92	82	99	112	110	118	119	108	87	69
54	37	20	-8	-50	-66	-66	-54	-42	-52	-60	-66	-79	-78	-74	-72	-79	-97	-116	-125	-121
-116	-106	-84	-58	-50	-72	-72	-93	-100	-90	-68	-53	-51	-55	-60	-71	-76	-79	-78	-77	-78
-88	-102	-106	-98	-84	-60	-60	-37	-24	-22	-22	-25	-16	0	5	3	3	12	21	23	15
13	14	25	29	26	40	40	72	109	132	126	104	88	81	77	75	60	55	65	72	72
61	70	84	91	98	89	89	62	29	5	2	20	32	43	57	57	54	34	16	7	7
17	30	29	30	21	10	10	-1	-13	-31	-33	-37	-50	-64	-88	-95	-87	-75	-66	-52	-55
-63	-75	-81	-81	-82	-86	-86	-90	-95	-92	-95	-92	-73	-44	-32	-33	-28	-18	-3	2	5
11	14	6	3	1	4	4	13	35	39	31	28	23	27	36	49					

IIQ238 71.167.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 448 1760 N. ORCHID AVENUE, 23RD FLOOR, HOLLYWOOD, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 PEAK VALS ACIN = 183.9 CM/SEC/SEC AT 5.70 SEC VELO = -9.3 CM/SEC AT 7.30 SEC DISP = -1.9 CM AT 8.80 SEC

2033 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = 1.35501 CM/SEC										INITIAL DISP = -0.00957 CM									
-234	-329	-372	-182	202	288	255	92	-23	-232	-338	-379	-91	249	533	529	413	100	-240	-543
-597	-506	-282	240	489	506	160	-104	-192	-165	-127	-343	-338	50	548	815	445	-63	-393	-427
-275	-63	8	-34	101	315	443	246	-158	-476	-502	-260	162	503	338	37	-76	-207	-374	-472
-199	66	92	356	577	383	62	-223	-215	-178	-92	98	-120	-507	-368	43	454	319	189	74
-43	-182	-50	-83	-179	-262	-171	-11	46	229	172	198	273	188	-92	-277	-243	-55	-17	112
205	14	-145	-179	-145	-93	36	55	-21	25	55	131	96	84	126	171	32	12	66	60
73	136	173	6	-227	-371	-420	-255	287	469	444	105	-108	-393	-632	-558	-65	290	278	375
369	-28	-481	-490	-353	-157	-137	115	326	142	37	36	27	-157	-252	-185	-164	-244	-53	59
-62	-91	146	388	433	473	270	-230	-398	-191	297	463	371	63	-165	-272	-184	-148	41	288
263	272	306	214	4	-224	-359	-414	-248	179	353	407	675	622	183	-292	-680	-703	-507	93
612	795	640	215	-336	-703	-757	-340	103	305	422	297	103	-9	119	91	-21	156	366	352
247	-141	-273	-346	-281	-112	20	169	-100	-181	-42	48	75	89	244	87	-156	-666	-770	-833
-768	-550	967	1297	754	-20	-461	-597	-970	-743	-339	21	481	443	467	302	168	46	181	229
1	410	432	141	-158	-519	-923	-894	-715	-258	118	774	1528	1394	1032	607	-190	-1306	-1347	-1388
-1280	-1022	-377	121	1636	1839	1318	931	226	-643	-1030	-1227	-1162	-928	-547	-18	666	807	965	674
123	-353	-490	-470	-415	-367	-299	-81	200	551	648	523	92	-70	-339	11	816	827	677	-213
-1007	-1044	-162	353	322	187	70	224	203	112	-185	-640	-987	-1209	-770	610	1179	1189	810	378
-112	-429	-311	-183	-72	-12	226	17	-96	-59	-398	-598	-210	17	-124	-14	390	351	-12	-233
-403	-583	-1137	-1471	-691	640	762	1001	758	127	-183	27	316	333	136	28	-11	44	92	257
595	601	1	46	86	223	216	288	355	461	385	182	-22	-683	-986	-877	-586	219	709	625
323	-261	-950	-751	-557	-613	-226	354	613	466	236	-48	-573	-1126	-1065	-608	-353	-138	850	1774
1401	979	-30	-943	-1379	-989	-23	550	409	454	424	343	-27	-245	-242	-308	-344	-271	162	709
857	1092	982	454	-168	-193	-145	-244	-347	-122	-20	242	541	298	-319	-865	-874	-335	-98	322
300	-75	-302	62	329	43	-294	-595	-950	-643	-98	618	1225	1461	1317	1045	648	-346	-1089	-1129
-1028	-704	64	740	1075	699	-49	-757	-1036	-1099	-992	-629	183	615	941	1031	369	-717	-1069	-1064
-747	-101	363	756	1044	758	419	124	-481	-945	-1059	-533	179	652	863	1002	979	663	311	38
-266	-368	-326	-166	3	81	160	425	375	25	-481	-883	-1026	-770	134	436	200	21	-119	-59
-82	-177	-378	-511	-365	-128	219	454	262	128	-182	-504	-665	-369	338	673	846	896	429	-308
-676	-834	-769	-539	-332	124	448	682	697	321	-245	-602	-607	-523	-267	168	236	249	414	399
161	-20	-88	-251	-324	-193	63	293	373	340	329	280	204	19	-47	-21	161	352	523	512
374	-19	-455	-550	-447	-304	4	457	613	328	-226	-409	-569	-759	-729	-559	-212	217	388	428
338	255	109	-83	-278	-317	-300	-187	-123	-29	176	263	338	418	411	234	191	229	221	61
-63	-14	107	150	215	177	43	41	63	151	154	219	178	-74	-142	-56	-32	-157	-185	-67
-6	-156	-332	-441	-483	-415	-268	-170	-225	-191	-143	-159	-201	-297	-464	-513	-426	-228	-32	80
140	100	38	8	18	76	79	63	217	384	296	50	-48	-51	-71	-15	216	405	369	205
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IIQ239 71.168.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 416 9100 WILSHIRE BOULEVARD, BASEMENT, BEVERLY HILLS, CAL.
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS		ACLN = 119.2 CM/SEC/SEC AT 9.08 SEC				VELD = -17.2 CM/SEC AT 11.00 SEC				DISP = -9.8 CM AT 11.90 SEC									
		INITIAL VELO = 0.14830 CM/SEC				INITIAL DISP = -0.75373 CM				AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
2245 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC																			
29	-43	-29	14	26	20	7	-11	-10	15	-13	-69	8	54	-3	-44	91	142	35	-34
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76	-109	-140	-87	-40	-6	-6	41	127	127	-20	-144	-14	74	70	-1	-4	61	6	-57
78	199	136	-46	-152	-168	-109	-33	30	57	70	-14	-107	-51	135	189	16	-189	-152	3
67	119	137	-11	-62	4	0	-54	-89	-77	-33	-19	-57	-20	47	-29	-115	-45	86	40
-73	-129	-134	-16	182	121	-18	-120	-45	-29	-97	-110	7	129	118	13	-49	16	31	-13
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-65	-107	-108	-138	-174	-161	-13	106	71	-39	-101	-7	62	-9	-62	14	55	48	-30	-166
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-11	-144	-91	-16	-8	52	114	27	-105	-121	-131	-72	16	19	-3	0	18	65	81	-29
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-303	-163	335	652	598	263	209	592	992	1143	896	744	455	-165	-446	-456	-561	-772	-872	-763
-558	-453	-586	-698	-560	-41	276	160	228	426	427	-9	-345	-116	286	455	599	470	20	-382
-565	-571	-341	92	378	288	266	384	391	218	15	-357	-546	-212	221	461	210	-347	-682	-671
-540	-498	-352	-315	-199	147	308	289	288	413	612	615	360	253	330	229	-192	-323	69	849
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18	-11	-39	-55	-46	-14	18	64	48	8	4	4	3	-1	-23	-42	-28	17	48	50
20	-1	11	22	7	2	15	46	65	78	61	51	34	4	-23	-27	-3	11	22	43
48	37	-5	-26	-48	-64	-75	-72	-31	13	20	6	-22	-42	-41	-19	-11	-9	-1	16
35	51	52	42	13	-7	-20	-33	-32	-21	-13	-12	-22	-23	-23	-15	0	6	16	28
24	8	-13	-15	-12	-16	-21	-25	-29	-32	-31	-33	-32	-26	5	42	49	24	-8	-29
-38	-28	-27	-43	-72	-70	-49	-26	-31	-38	-32	-2	22	10	-25	-51	-55	-56	-59	-62

[illegible]

IIQ239 71.168.0
STATION NO. 416
INSTR PERIOD = 0.03 SEC DAMPING = 0.592
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
9100 WILSHIRE BOULEVARD, BASEMENT, BEVERLY HILLS, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP EAST 34 04 00N, 118 23 22W

PEAK VALS ACCLN = 161.8 CM/SEC/SEC AT 6.12 SEC VELO = -19.1 CM/SEC AT 12.58 SEC DISP = -11.6 CM AT 13.56 SEC

2247 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.27428 CM/SEC INITIAL DISP = -0.18084 CM

2	44	59	29	83	127	177	102	102	-82	-176	-240	-241	-189	-75	-10	18	46	37	-31	-159	-195
-54	-69	-171	-9	169	275	219	101	101	101	102	61	40	-5	27	103	121	97	72	52	40	-43
-71	-72	-159	-193	-248	-203	-52	154	333	333	314	115	-85	-198	-269	-279	-228	-192	-116	23	205	432
180	164	620	473	182	5	136	334	233	162	301	518	309	-22	-326	-354	-231	-261	-382	-459	-658	-911
84	67	-825	-430	-97	-434	-409	-229	-121	85	518	937	1093	982	530	-13	1093	-435	-587	-515	-579	-844
-122	89	-989	-878	-729	-184	1441	1618	1497	1153	918	777	525	23	366	-54	-970	-719	-128	208	358	408
-158	-60	150	-264	-540	-698	-679	-386	12	196	107	55	153	350	366	-54	-54	-421	-523	-575	-397	-53
-27	44	209	214	45	-263	-820	-706	-273	-91	-81	174	179	-126	-402	-207	-207	224	184	16	173	438
55	-9	358	-58	-399	-487	341	701	919	974	880	689	482	388	326	144	144	-136	-167	-76	-161	-481
12	-46	-778	-864	-579	-279	-210	135	581	600	303	-131	-519	-631	-392	99	99	442	414	97	-202	-268
-291	-314	-426	-426	-527	-322	118	124	-170	-375	-189	-155	-2	-159	68	322	322	413	109	-122	-50	51
225	301	114	114	-211	-197	86	149	150	241	327	202	-34	-54	76	48	48	-80	-361	-350	40	397
593	706	708	708	537	197	-12	192	500	481	143	23	350	693	740	424	424	-4	-233	-258	-167	165
391	324	214	214	106	151	308	165	-149	-381	-390	-226	125	307	133	-89	-89	-353	-606	-679	-637	-522
-342	-6	371	489	600	588	588	171	-384	-487	-241	146	290	106	-256	-499	-499	-521	-307	-8	168	339
512	680	692	692	573	564	608	433	35	-69	-59	-23	19	-39	-93	-15	-15	116	266	240	150	201
158	-197	-442	-442	-387	-167	-74	23	143	59	-237	-463	-579	-572	-395	-64	-64	50	-183	-372	-406	-383
-310	-113	187	493	700	652	652	552	534	529	469	264	-109	-429	-630	-797	-797	-928	-1016	-1034	-887	-703
-491	-246	-201	-312	-446	-446	-409	-375	-300	-94	39	36	41	153	292	197	197	-254	-658	-695	-520	-383
-360	-167	72	205	281	281	448	609	582	448	231	2	-14	191	273	48	48	-237	-388	-458	-509	-556
-663	-743	-692	-422	-422	-30	54	-163	-455	-532	-304	93	247	218	115	-7	-7	-160	-244	-124	111	212
224	252	227	-2	-425	-425	-711	-722	-540	-277	-25	129	152	156	162	179	179	257	281	188	95	159
245	283	303	289	319	319	350	283	32	-272	-408	-334	-51	270	432	511	511	593	625	592	572	543
448	358	293	231	205	205	184	146	89	43	19	-1	10	25	-14	51	51	159	168	169	302	448
316	81	15	117	243	243	266	227	167	61	16	123	211	193	78	-46	-46	-96	-21	112	263	362
376	296	174	98	113	113	146	173	250	373	370	225	93	12	42	82	82	17	-92	-113	13	108
189	174	110	28	16	16	18	-70	-185	-164	23	161	193	183	166	147	147	216	331	376	360	228
-22	-252	-382	-402	-395	-395	-350	-128	-171	-194	-239	-313	-362	-314	-207	-199	-199	-222	-135	-20	53	105
92	-9	-84	-94	-90	-90	-91	-128	-150	-194	-245	-273	-277	-293	-313	-341	-341	-370	-376	-321	-173	-8
87	123	143	127	70	70	-69	-267	-417	-390	-273	-166	-110	-75	-44	-20	-20	15	105	207	237	188

130	90	-6	-115	-137	-104	-103	-147	-174	-195	-162	-121	-95	-74	-109	-144	-183	-260	-288
-271	-179	-84	-12	68	125	77	60	126	209	285	339	359	305	210	89	-47	-109	-46
-10	-79	-212	-294	-333	-305	-201	-101	-28	14	-43	-39	34	122	120	6	-86	-115	-113
-92	-53	-4	-7	-32	-41	8	82	146	79	-84	-192	-160	-90	-63	-65	-66	-82	-176
-281	-350	-341	-292	-258	-262	-264	-228	-93	71	59	80	123	161	88	-11	-91	-120	-139
-120	-88	-88	-90	-111	-131	-69	35	113	190	189	191	274	384	449	409	313	227	146
93	51	40	113	222	292	303	286	228	87	41	34	99	183	243	255	187	69	-13
-54	-53	-6	34	19	-47	-62	-32	1	-65	-85	-126	-132	-60	100	248	323	337	382
408	310	161	75	57	59	69	150	238	353	316	220	149	118	157	198	182	149	169
173	128	102	68	12	-15	13	49	12	-100	-73	-20	-39	-112	-161	-161	-136	-144	-179
-177	-142	-112	-75	-22	31	74	85	16	-48	-12	-18	-8	81	120	52	-22	-87	-92
-100	-117	-132	-127	-40	19	-18	-144	-232	-284	-283	-252	-195	-118	-70	-20	-28	-101	-201
-263	-284	-226	-136	-72	-25	-32	-84	-115	-110	-186	-230	-259	-266	-232	-208	-176	-176	-191
-214	-229	-181	-75	-8	-8	-14	-21	-26	90	91	88	80	62	12	-53	-87	-45	39
61	46	20	-24	-45	12	92	160	202	214	178	126	71	15	-56	-109	-108	-32	40
55	56	79	86	61	12	10	48	62	93	84	43	23	21	45	87	80	47	38
44	43	36	24	15	12	28	91	136	122	109	92	54	30	16	-20	-46	-5	114
174	158	112	54	-16	-57	-24	6	-22	-13	66	138	151	81	6	-37	-55	-64	-67
-86	-126	-127	-71	-17	-16	-74	-133	-169	-167	-155	-116	-84	-62	-64	-59	-74	-112	-130
-80	8	60	60	37	25	7	-12	-49	-127	-78	-22	-9	-4	23	63	68	58	84
92	67	22	3	40	98	115	93	62	-42	-75	-42	-9	1	29	73	84	70	20
-55	-104	-110	-90	-44	-3	7	-45	-101	21	134	182	124	32	-55	-112	-130	-122	-137
-137	-92	-42	-8	38	92	91	36	-29	-101	-40	40	76	81	94	133	153	119	73
71	109	153	185	174	126	91	73	38	45	84	111	111	105	94	68	57	72	53
19	14	11	19	41	50	24	-1	-18	-14	-2	17	36	42	34	11	-15	-20	3
26	35	57	95	112	91	50	0	-46	-62	-27	-18	-3	40	68	57	57	101	142
103	20	-39	-58	-53	-35	-25	-22	-24	-63	-48	-58	-115	-173	-184	-154	-122	-94	-68
-42	-12	13	6	-21	-59	-90	-72	-26	-9	-35	-46	-59	-74	-96	-126	-152	-167	-141
-88	-55	-75	-125	-139	-89	-34	-9	-28	-56	-78	-120	-127	-68	-2	16	-7	-9	22
66	77	74	69	88	105	103	70	31	-40	-65	-103	-114	-85	-74	-91	-101	-86	-40
16	27	4	14	57	85	97	104	116	130	75	26	6	8	-7	-32	-25	-4	6
0	-27	-59	-87	-95	-63	-38	-33	-32	-34	-30	-23	-29	-48	-76	-85	-93	-95	-68
-42	-28	3	14	19	2	-14	-9	-20	-40	-25	15	57	78	92	73	72	81	89
74	102	160	158	108	59	52	69	79	111	128	116	93	64	19	-10	-2	39	60
71	56	19	-10	-10	-12	-29	-45	-56	-44	-8	17	6	-3	9	26	43	55	69
61	52	19	-24	-50	-62	-71	-68	-61	-80	-68	-54	-24	0	-5	-38	-35	-9	13
21	16	9	-1	1	30	64	95	107	76	39	23	-5	-32	-55	-52	-34	-17	-2
-17	-47	-47	-17	9	2	2	17	35	29	34	45	79	101	99	76	52	48	58
72	78	65	36	21	28	46	58	59	63	57	57	50	17	-21	-46	-38	-17	3
-8	-34	-47	-44	-27	4	51	67	40	-38	-67	-73	-47	-15	-1	3	-12	-34	-31
-17	-4	-12	-44	-82	-93	-77	-70	-82	-45	-14	-1	-7	-20	-12	-6	-3	-8	-12
-19	-32	-49	-55	-37	-4	33	54	55	75	69	32	-9	-11	8	12	7	0	-14
-17	-21	-32	-61	-68	-49	-25	-18	-17	-58	-61	-45	-31	-37	-48	-44	-44	-43	-42
-52	-63	-59	-48	-31	-5	7	-11	-28	-61	-62	-73	-100	-104	-77	-55	-36	-28	-27
-49	-57	-59	-66	-51	-4	20	17	2	14	-27	-44	-38	-34	-46	-62	-33	3	7
-3	-28	-32	-25	-24	-44	-46	-54	-46	-38	-69	-81	-54	-23	-23	-29	-7	21	19
-16	-42	-34	-6	13	20	18	3	-2	-10	-17	-18	-27	-42	-53	-49	-29	-2	20
47	67	81	83	82	67	88	87	91	127	133	144	153	157	155	139	129	117	107
87	77	80	78	76	71	70	74	86	122	131	129	109	83	62	52	52	56	73
85	80	52	13	-29	-60	-67	-36	14	15	-11	-30	-41	-47	-50	-50	-47	-27	4

IIQ239 71.168.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 416 9100 WILSHIRE BOULEVARD, BASEMENT, BEVERLY HILLS, CAL. COMP UP 34 04 00N, 118 23 22W
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELERATION IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 40.5 CM/SEC/SEC AT 7.58 SEC VELO = -7.2 CM/SEC AT 19.58 SEC DISP = -2.9 CM AT 20.18 SEC

2247 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 0.66337 CM/SEC INITIAL DISP = 0.05245 CM

-164	-113	-66	-58	9	102	52	2	27	-28	-160	-152	-45	4	-27	30	85	129	118	24
27	61	-12	-4	108	112	-1	9	48	23	-20	-78	-148	-142	-61	-118	-216	-77	88	144
130	-43	-119	-27	-85	-249	-157	83	232	200	117	81	55	-7	5	76	99	13	30	90
-3	-101	-103	-51	11	12	19	4	-42	-40	33	-1	-70	6	112	94	31	-5	-21	-31
-6	62	45	-71	-7	209	122	-53	-58	-73	-158	-192	-147	-60	42	33	9	-67	-82	-56
-164	-233	-151	46	220	217	103	18	-100	-114	-53	-33	62	99	-14	-102	-112	-106	-90	-37
17	36	72	20	-30	-108	-101	4	-21	-66	36	72	-59	-142	-110	-44	130	291	252	70
-8	2	-50	-69	84	243	164	59	2	-102	-71	-92	-173	-142	-62	-6	-13	-144	-208	-142
-115	-118	16	51	-78	-145	-2	98	124	157	162	188	225	148	42	6	96	152	50	-75
-89	-144	-148	3	106	52	60	127	178	92	-94	-267	-258	-158	-52	66	121	62	13	4
16	-28	-28	-34	-9	74	127	82	107	138	22	-56	-136	-239	-168	-17	132	85	-18	38
167	128	-39	-107	148	322	345	220	65	-22	30	5	-111	-63	50	0	-85	-136	-208	-185
-86	-61	-42	95	337	366	256	210	170	20	-52	-30	-50	-100	-117	-40	7	73	-28	-146
-99	-79	-63	-6	57	115	156	60	-109	-217	-125	25	23	6	198	292	69	-87	52	171
181	46	-42	-44	-47	-57	-41	-33	-75	-150	-140	-118	-101	-36	-5	11	129	260	275	178
164	155	-50	-312	-372	-288	-224	-256	-226	-60	113	180	177	116	-41	-79	-76	-77	-27	-27
49	210	210	33	-68	-12	51	93	87	-163	-364	-296	-184	-86	-89	-29	-15	-112	-90	-58
27	-6	-156	-154	178	392	228	124	120	43	-10	-26	-138	-234	-67	97	-52	-134	-1	0
-114	-42	-12	-175	-315	-282	-210	-144	7	109	95	64	63	21	-79	-209	-142	56	301	405
286	148	13	-57	-122	-178	-195	-183	-65	101	127	-3	-128	-174	-154	-122	-150	-96	139	227
78	37	88	174	292	357	294	45	-95	0	54	51	24	-12	-32	-42	-44	-52	-25	37
5	-47	-35	30	66	-95	-213	-174	-171	-193	-192	-127	-53	-13	46	76	112	212	153	-25
-185	-297	-282	-89	108	146	197	257	252	103	-46	-75	-57	-138	-184	-35	42	31	138	112
-31	17	157	98	-18	-49	-45	-88	-136	11	146	142	100	28	-24	-38	-12	79	205	225
150	111	129	20	-131	-117	-50	-73	5	177	204	128	98	99	16	17	94	51	-218	-309
-240	-77	-31	-104	-61	143	343	366	167	-39	1	138	134	89	59	35	8	-28	14	68
144	214	240	181	59	42	5	-42	-45	-35	42	140	135	56	-83	-231	-225	-180	-69	85
197	168	94	27	-46	-166	-245	-203	-134	-105	-89	-34	-36	-109	-138	-117	-109	-53	52	55
54	-4	-153	-198	-105	40	176	93	-39	-92	-75	-137	-238	-323	-238	-153	-90	19	93	69
-70	-198	-160	-62	-25	27	88	97	122	101	-33	-92	-30	82	81	60	111	140	149	107
-17	-123	-143	-128	-155	-206	-173	-69	-20	22	68	56	3	-87	-135	-123	-112	-75	-18	42
75	112	116	102	150	221	233	192	148	83	10	12	35	-32	-50	17	44	33	-9	-25
34	54	41	28	-5	11	61	72	65	32	17	22	12	-43	-77	-85	-102	-159	-171	-95
-32	-16	-48	-30	71	123	91	56	46	64	91	126	152	138	111	122	98	31	-6	-9
6	7	34	78	68	7	-41	-74	-57	3	42	49	45	7	-38	-85	-121	-142	-176	-189
-149	-111	-79	-65	-56	-36	14	52	38	8	81	177	177	100	65	52	17	-41	-60	-57
-83	-67	-24	-38	-64	-53	-65	-92	-90	-46	-34	-75	-82	-51	-65	-118	-151	-132	-77	-50
-58	-43	-10	13	-36	-82	-96	-74	12	62	30	6	-7	-25	-44	-24	-1	11	36	16
-48	-89	-60	21	105	122	93	98	168	157	86	53	116	147	115	117	98	22	-18	4
7	-18	-12	50	137	168	137	93	77	82	82	76	76	66	32	-3	-10	6	13	6

-18	-36	-20	-11	-11	-33	-64	-111	-107	-47	27	5	-29	-37	-28	-24	-24	-31	-2	12
-35	-120	-178	-154	-104	-46	7	26	4	9	25	-6	-98	-136	63	97	112	82	31	-36
-67	-63	-59	-40	-28	-35	-51	-39	-30	-69	-90	-8	-119	-152	-152	-162	-106	-73	-112	-110
-37	-2	-7	-27	-17	-4	-6	-31	-45	-15	12	42	111	150	127	82	38	13	57	109
160	204	227	213	151	122	165	183	169	173	159	140	149	132	78	38	57	88	85	73
95	123	137	138	91	48	58	60	29	17	24	-10	-109	-53	-7	22	7	-50	-73	-33
-22	-41	-49	-50	-55	-84	-111	-140	-149	-140	-125	-106	-109	-121	-145	-148	-122	-99	-98	-122
-110	-64	-91	-154	-182	-195	-193	-170	-138	-106	-82	-60	-52	-81	-115	-144	-184	-226	-237	-179
-131	-122	-107	-62	-60	-103	-123	-109	-90	-85	-71	-36	1	-5	-23	-34	-39	-41	-30	-7
23	48	80	94	83	81	91	107	135	165	175	169	160	144	154	174	168	150	160	162
133	108	92	99	118	132	136	128	123	116	102	90	66	52	66	81	77	52	27	45
73	79	71	75	94	88	67	35	26	54	77	80	57	32	36	52	45	34	43	62
77	73	34	-6	-9	-8	-20	-4	55	99	87	48	26	1	-24	-40	-39	-46	-58	-48
-35	-45	-56	-73	-98	-102	-83	-50	-12	3	-29	-80	-95	-84	-108	-127	-99	-71	-63	-63
-54	-70	-87	-65	-38	-35	-51	-58	-68	-77	-72	-52	-55	-59	-37	-48	-52	-23	-8	-8
-32	-45	-12	9	-10	-19	7	20	-1	-27	-40	-40	-33	-16	2	6	-7	-21	-37	-47
-32	-9	-3	6	22	50	46	30	14	7	-5	21	46	54	45	73	78	47	29	3
-29	-34	-18	-27	-33	-8	-6	-29	-38	-4	17	0	-14	-1	17	23	2	-26	-38	-12
11	-19	-41	-38	-23	-38	-11	30	23	11	38	45	43	23	10	10	41	44	21	2
0	4	6	-18	-12	-4	12	24	26	39	21	-9	-23	-27	-38	-43	-44	-36	-32	-18
-5	-23	-51	-50	-31	-13	5	1	-16	-33	-27	-17	-15	-19	-32	-27	-10	-8	11	27
40	37	41	34	13	-31	-22	3	8	10	23	2	-8	12	10	-22	-19	15	22	3
-20	-15	9	3	-12	-28	-2	19	25	29	48	29	0	-25	-3	14	19	18	11	-1
-6	-15	-50	-74	-38	-5	-12	-16	-25	-12	4	13	3	-25	-29	-9	11	30	46	53
75	76	72	64	44	34	40	40	48	48	28	8	21	35	23	11	11	67	47	21
33	32	17	30	40	22	17	28	21	-5	0	27	14	-8	3	-13	-15	-7	-35	-32
-14	-7	-5	-12	-49	-63	-49	-31	-13	-4	5	22	22	16	11	5	-5	11	24	33
14	-16	-35	-52	-59	-62	-51	-31	-19	-16	-37	-51	-44	-28	-16	-8	-15	-27	-35	-5
21	22	14	16	22	39	16	-10	-2	26	44	51	69	71	56	61	65	67	50	41
56	45	21	42	59	39	9	12	32	47	45	25	9	-8	-1	6	-1	-27	-36	-16
-2	-20	-30	-16	-25	-56	-65	-58	-48	-61	-63	-60	-46	-30	-10	-10	-8	5	-5	-4
13	11	21	8	17	27	16	-1	4	-11	-13	-5	5	-2	-6	5	6	-8	10	1
-20	-20	-30	-17	6	7	9	10	18	13	19	13	22	-3	-6	-14	-31	-40	-23	-22
-45	-44	-28	-39	-29	-38	-47	-52	-69	-60	-59	-51	-44	-24	-19	-3	-7	-35	-47	-65
-75	-47	-22	-17	-3	-7	-12	-14	25	19	1	-27	-13	5	2	5	-8	-24	-5	10
29	41	27	11	34	47	56	55	28	28	37	14	-1	9	9	-7	6	4	10	-5
-8	-21	-38	-40	-20	-3	-16	-23	-13	-26	-34	-7	2	-14	-6	-4	-22	-46	-53	-65
-73	-59	-48	-36	-38	-60	-62	-48	-35	-23	-6	-8	-6	2	2	-23	-24	12	26	26
6	1	-4	-14	-10	-4	-1	6	15	24	42	61	45	33	41	59	68	80	61	52
66	69	93	102	75	74	88	78	55	56	61	81	77	78	67	63	83	86	82	78
64	55	61	74	76	56	52	60	47	35	50	53	24	27	26	24	31	25	-4	-11
-13	-14	-14	-15	-12	-9	-6	-17	-40	-53	-38	-40	-35	-18	-16	-23	-24	-18	-35	-46
-40	-32	-24	-21	-22	-30	-23	-25	-50	-44	-43	-55	-49	-25	-24	-36	-44	-54	-54	-32
-28	-25	-16	-6	-5	-14	-25	-34	-41	-36	-28	-24	-24	-23	-20	-38	-52	-56	-59	-63
-48	-32	-31	-22	-2	-21	-39	-45	-42	-34	-28	-22	-24	-25	-13	-30	-41	-46	-54	-54
-37	-33	-45	-31	-25	-29	-19	-9	-25	-44	-52	-31	-7	4	12	-1	-19	-6	4	9
11	11	12	24	39	32	21	19	13	4	2	6	29	58	71	55	36	28	21	20
27	36	46	62	81	68	45	35	42	49	60	66	58	58	61	44	25	26	33	32
38	40	28	19	24	30	21	12	15	19	17	12	13	14	21	25	17	-1	1	3
-12	-34	-21	-5	6	17	7	-21	-28	-20	-12	-6	15	46	62	62	54	46	42	31

IIQ240 71.169.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 417 9100 WILSHIRE BOULEVARD, 5TH FLOOR, BEVERLY HILLS, CAL. COMP SOUT 34 04 00N, 118 23 22W
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = 150.5 CM/SEC AT 11.04 SEC VELO = -30.9 CM/SEC AT 10.90 SEC DISP = -11.7 CM AT 11.46 SEC

INITIAL VELO = 0.80071 CM/SEC INITIAL DISP = -0.88013 CM
1926 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

54	54	42	22	-2	-42	-61	-45	1	4	-54	-88	-85	-60	-19	11	63	82	70	27
-22	1	11	19	55	62	44	-2	-53	-76	-5	66	62	40	5	-20	-32	-48	-46	-27
29	40	5	-21	-7	31	42	42	43	49	31	-24	-17	3	9	-13	-53	-15	12	10
21	55	49	-8	-50	-47	41	126	110	27	-45	-80	-75	-50	6	70	108	43	-58	-122
-39	33	51	85	111	63	-32	-42	0	71	81	8	-54	-104	-130	-98	-42	4	37	-15
-47	-6	41	45	10	11	54	58	53	-13	-113	-110	-26	2	-25	-97	-104	-97	-121	-128
-55	20	-3	-35	4	45	35	-29	-95	-74	29	122	65	-85	-136	-120	-111	-110	-74	1
32	-15	-65	-59	11	63	70	77	80	31	-64	-102	-9	110	126	83	28	-41	-89	-124
-145	-93	40	164	134	22	-70	-60	-32	-18	-9	41	45	-5	-70	-137	-87	9	3	-9
-18	-1	0	-76	-119	-74	-24	-19	-29	-41	-99	-159	-192	-188	-95	14	47	-27	-110	-126
-94	-48	25	82	71	1	-42	-81	-135	-95	-11	12	11	-6	-67	-100	-60	6	27	51
88	111	101	61	58	133	162	150	122	69	62	82	37	0	-12	-17	-20	7	48	59
4	-22	84	181	151	-37	-33	-73	-115	-146	-145	-114	22	157	184	167	139	85	-33	-159
-240	-395	-528	-600	-529	-400	-243	-97	1	125	313	472	536	461	350	258	285	359	248	-3
-210	-326	-422	-556	-700	-671	-526	-472	-455	1	210	386	300	343	640	891	1004	1053	935	545
97	-57	46	12	-173	-369	-371	-272	-259	-303	-309	-298	-211	-14	238	383	375	423	553	592
580	385	430	572	586	459	197	132	282	380	409	398	270	33	-175	-272	-360	-438	-476	-493
-473	-444	-450	-542	-460	-129	150	288	421	565	587	366	81	18	98	53	-64	-209	-415	-690
-946	-1059	-965	-786	-635	-488	-341	-191	-30	104	179	111	94	281	527	607	401	95	-110	-217
-237	-277	-341	-394	-333	-221	-110	5	192	392	559	594	639	722	690	477	361	523	767	912
789	405	5	-197	-237	-49	154	247	324	489	597	558	379	144	82	117	135	212	281	236
22	-178	-195	-209	-324	-262	-125	-101	-173	-238	-189	-157	-409	-752	-865	-792	-812	-906	-904	-841
-699	-481	-275	-189	-278	-454	-602	-724	-727	-576	-333	-64	89	166	213	132	-87	-450	-595	-420
-268	10	337	513	405	178	69	103	159	159	222	428	604	616	581	531	450	434	394	269
228	302	377	380	376	295	118	104	171	158	-67	-348	-394	-277	-220	-201	-182	-53	192	239
110	-94	-346	-504	-425	-309	-355	-531	-720	-873	-923	-929	-880	-796	-806	-764	-639	-526	-497	-575
-676	-603	-419	-216	-55	-164	-304	-243	-84	89	265	381	375	220	19	-172	-339	-522	-684	-637
-509	-470	-457	-434	-331	-101	280	703	1130	1352	1373	1474	1505	1490	1361	1284	1223	1116	961	726
428	153	-153	-377	-452	-391	-310	-192	-153	29	154	207	243	385	585	699	708	804	884	860
791	689	500	293	142	74	83	23	-193	-441	-638	-728	-773	-719	-622	-565	-550	-540	-459	-339
-236	-205	-207	-162	22	250	410	430	340	151	39	63	154	109	67	-229	-306	-258	-232	-258
-345	-426	-372	-225	-54	80	118	117	163	287	428	513	572	628	623	588	538	534	575	589
488	286	158	82	25	86	92	45	10	-43	15	70	73	-1	-66	-34	76	152	153	119
83	88	107	154	173	138	44	-79	-166	-141	-117	-215	-325	-448	-545	-590	-593	-520	-506	-538
-543	-457	-330	-210	-170	-136	-80	-50	-32	-12	9	-11	-80	-164	-194	-133	-50	-55	-105	-124
-53	50	104	93	76	69	72	71	74	71	72	77	109	141	155	162	165	173	138	65
65	113	144	138	83	55	58	51	8	-87	-195	-253	-203	-152	-157	-228	-319	-353	-321	-303
-261	-210	-228	-271	-254	-159	-74	-41	-33	-70	-113	-159	-203	-270	-313	-322	-325	-343	-403	-454
-415	-376	-353	-315	-308	-268	-218	-120	-36	8	20	26	62	83	77	36	-21	-49	-84	-86
-41	-36	-55	-87	-42	32	55	28	-10	2	85	185	272	307	302	270	286	270	188	114

111	137	161	158	179	241	260	255	264	268	282	281	263	262	252	203	200	236	263	233
195	220	304	368	405	433	446	470	498	520	487	378	261	213	175	147	122	104	111	125
128	94	44	29	47	88	139	165	161	129	70	-18	-57	-65	-79	-100	-117	-73	-53	-39
-33	-34	-63	-172	-307	-410	-482	-528	-569	-614	-631	-655	-673	-677	-675	-668	-685	-685	-671	-612
-510	-399	-295	-212	-183	-217	-282	-323	-339	-322	-278	-230	-170	-139	-171	-292	-406	-460	-452	-372
-298	-237	-198	-151	-84	-43	-34	10	118	271	408	505	546	631	685	673	622	563	547	534
542	544	520	462	415	390	342	289	245	235	217	226	253	294	356	434	507	531	508	483
480	491	530	587	604	543	461	351	249	138	22	-70	-143	-175	-197	-187	-149	-93	-72	-104
-135	-156	-118	-53	-12	-10	-39	-75	-104	-109	-119	-142	-160	-185	-197	-283	-330	-361	-365	-360
-362	-360	-353	-336	-323	-296	-265	-263	-257	-248	-214	-201	-210	-210	-203	-176	-146	-115	-92	-88
-77	-78	-77	-88	-112	-147	-157	-126	-92	-63	-66	-90	-101	-28	64	123	167	177	182	181
182	188	185	168	152	128	120	107	108	111	105	82	49	25	29	40	49	47	48	52
78	123	174	188	159	105	82	85	84	79	49	12	-8	-28	-75	-97	-130	-164	-167	-140
-132	-122	-124	-120	-111	-95	-96	-102	-144	-143	-103	-54	-55	-86	-141	-174	-153	-96	-12	8
-24	-43	-74	-101	-123	-117	-70	-38	-16	-6	-50	-109	-140	-99	-63	-40	6	34	56	67
75	96	116	161	185	199	196	187	183	232	243	185	109	93	82	43	11	5	-2	-1
27	68	50	27	26	51	82	95	70	80	110	131	122	97	48	-1	-4	32	69	82
38	-26	-75	-109	-127	-203	-254	-270	-244	-199	-140	-100	-65	-20	22	53	65	42	15	57
107	126	68	32	8	-36	-61	-95	-117	-123	-93	-58	-60	-88	-79	-21	-28	35	27	32
70	150	208	214	213	213	213	213	191	123	80	61	75	82	70	-12	-62	-69	-67	-68
-68	-56	-22	24	65	55	39	36	52	61	66	70	42	-20	-73	-92	-93	-107	-118	-117
-120	-129	-143	-147	-148	-159	-173	-176	-157	-135	-120	-101	-90	-69	-47	-39	-28	-13	12	33
22	18	18	12	-17	-45	-59	-53	-26	11	49	74	75	70	59	58	59	65	87	122
157	182	189	183	183	183	183	184	174	149	133	127	122	115	102	101	150	177	197	208
70	91	100	87	88	69	57	42	21	-8	-37	-47	-75	-59	-57	-101	-150	-177	-197	-208
-194	-182	-189	-211	-219	-226	-241	-263	-284	-294	-272	-239	-212	-180	-166	-153	-151	-153	-164	-148
-142	-132	-119	-140	-176	-195	-193	-165	-123	-74	-55	-58	-61	-38	8	67	112	151	168	169
178	193	208	198	166	145	145	137	154	188	219	225	224	229	205	198	196	190	212	233
244	223	197	167	151	121	93	70	46	34	58	63	28	-24	-50	-73	-71	-71	-76	-97
-118	-139	-164	-188	-214	-232	-239	-237	-218	-214	-218	-233	-218	-197	-184	-169	-166	-169	-160	-175
-181	-192	-222	-224	-234	-221	-193	-168	-166	-165	-146	-113	-61	-21	29	58	73	89	102	120
132	152	164	186	217	236	240	232	219	205	193	193	211	242	254	261	236	208	192	170
168	189	219	246	263	249	233	231	236	242	222	180	165	161	164	155	141	98	84	55
36	13	-11	-33	-47	-57	-58	-78	-125	-151	-173	-171	-162	-137	-114	-79	-57	-48	-47	-49
-54	-49	-53	-66	-77	-82	-105	-117	-130	-157	-163	-146	-128	-101	-79	-64	-65	-61	-51	-29
-16	14	43	53	52	62	52	46	61	73	85	93	84	57	49	37	46	67	76	68
64	72	86	107	110	111	114	113	118	120	110	91	81	76	68	53	28	8	3	-1
0	-13	-52	-85	-123	-144	-161	-155	-133	-106	-88	-90	-102	-106	-109	-117	-128	-158	-172	-164
-165	-161	-158	-169	-209	-240	-260	-273	-255	-231	-230	-240	-249	-246	-247	-245	-232	-206	-175	-133
-102	-80	-59	-44	-39	-28	-17	-5	7	12	6	-7	-8	-29	-22	7	43	72	75	67
80	98	121	147	172	188	205	204	206	205	210	216	224	235	253	260	239	216	190	179
188	193	189	177	172	172	173	174	170	140	94	82	78	85	86	88	90	90	65	36
6	-18	-47	-64	-62	-48	-56	-82	-105	-131	-148	-155	-169	-192	-205	-191	-169	-173	-175	-180
-188	-185	-186	-168	-148	-123	-93	-79	-74	-73	-88	-105	-116	-113	-104	-86	-65	-36	-14	5
9	13	-22	-23	-11	9	54	98	124	123	113	122	125	142	160	178	189	191	191	186
172	153	126	106	100	86	78	72	57	43	48	56	67	58	55	55	56	53	50	50
47	24	-2	-24	-47	-67	-90	-109	-125	-134	-135	-139	-141	-158	-166	-173	-172	-172	-177	-191
-191	-188	-178	-169	-159	-146	-121	-112	-109	-117	-116	-119	-129	-135	-133	-122	-106	-103	-83	-33
-12	-23	-39	-64	-65	-51	-32	-7	4	21	33	38	53	75	97	125	147	193	218	223
226	223	221	200	138	85	80	90	99	106	101	93	103	107	96	63	76	110	161	201

[illegible]

IIQ240 71.169.0 STATION NO. 417 INSTR PERIOD = 0.03 SEC
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 9100 WILSHIRE BOULEVARD, 5TH FLOOR, BEVERLY HILLS, CAL.
 DAMPING = 0.592
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP EAST 34 04 00N, 118 23 22W

PEAK VALS	ACLN = 134.2	CM/SEC/SEC AT 6.18 SEC	VELO = -28.3	CM/SEC AT 11.88 SEC	DISP = 12.8	CM AT 11.22 SEC														
INITIAL VELO = 0.05456 CM/SEC INITIAL DISP = 0.09820 CM																				
1917 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																				
-57	-28	-9	-4	-18	-20	-7	20	37	32	32	35	21	-19	-50	-53	-57	-81	-77	-70	
-33	13	14	36	61	35	15	-2	-13	38	32	67	82	79	10	-42	-77	-104	-65	-25	-17
-28	-44	-27	13	22	21	22	25	79	93	39	39	-5	-44	-41	18	45	83	68	5	-37
-89	-120	-105	-68	-9	54	95	91	47	-25	-76	-76	-52	-12	47	106	91	75	50	-2	-31
-91	-104	-38	-12	6	32	15	-3	-25	-12	17	80	100	75	49	2	-99	-134	-120	-28	-28
74	50	-70	-180	-164	-75	30	96	134	145	184	150	-15	-130	-126	-82	0	18	30	34	34
-2	-61	-122	-146	-108	-13	56	57	44	1	0	26	54	82	149	160	127	86	33	-40	-40
-98	-126	-136	-114	-51	-36	-70	-54	-3	44	80	95	112	138	148	115	65	-8	-71	-60	-60
-2	41	20	-24	-61	-78	-74	-60	-20	46	70	99	92	120	83	42	32	0	-16	-48	-48
-112	-119	-113	-113	-64	5	30	50	38	27	53	51	72	80	53	32	21	-21	-96	-153	-153
-124	-58	-26	-5	22	56	112	121	59	-9	-57	-70	-61	-47	-18	16	61	40	-38	-96	-96
-168	-191	-137	1	141	167	108	78	63	44	30	34	57	96	87	57	-7	-87	-112	-88	-88
-60	-49	-80	-117	-110	-65	49	201	283	268	181	64	-43	-95	-122	-167	-168	-116	37	186	186
274	335	253	179	160	219	249	267	287	274	154	-39	-203	-246	-256	-256	-251	-295	-441	-560	-560
-470	-254	-193	-191	-148	-44	27	80	276	501	668	696	528	160	-241	-475	-633	-871	-1080	-1184	-1184
-1262	-1289	-917	-326	10	420	746	1030	1298	1342	1245	963	368	97	175	297	450	291	-23	-311	-311
-567	-778	-796	-863	-762	-367	-58	144	348	594	805	816	691	516	396	373	427	490	469	362	362
-48	-414	-729	-1133	-1255	-1251	-1211	-980	-727	-669	-673	-553	-337	-338	-281	22	345	425	369	218	218
57	-37	-35	68	234	335	346	288	185	51	-79	-263	-396	-360	-285	-259	-217	-211	-158	-38	-38
81	203	446	744	958	1094	1131	924	632	548	615	658	595	414	223	-27	-234	-454	-703	-764	-764
-631	-431	-318	-298	-367	-344	-286	-293	-209	-44	136	246	227	180	107	34	-97	-263	-426	-467	-467
-450	-507	-501	-443	-514	-635	-685	-591	-423	-365	-439	-468	-323	-37	225	425	618	755	758	634	634
629	775	801	623	497	538	629	685	720	621	395	143	18	21	174	364	470	600	752	876	876
818	632	468	411	495	662	768	791	741	536	212	-93	-344	-500	-538	-471	-318	-73	159	64	64
-329	-621	-715	-686	-565	-467	-430	-487	-515	-474	-509	-646	-760	-703	-477	-321	-214	-50	24	4	4
-125	-246	-319	-404	-449	-453	-424	-334	-233	-168	-121	39	243	221	98	80	152	251	376	576	576
736	683	531	320	217	264	320	342	317	303	291	275	265	268	377	550	620	693	808	884	884
839	734	551	367	170	-17	-241	-479	-721	-922	-1096	-1136	-1031	-950	-898	-838	-745	-628	-548	-540	-540
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11Q240 71.169.0
STATION NO. 417
INSTR PERIOD = 0.03 SEC DAMPING = 0.592
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
9100 WILSHIRE BOULEVARD, 5TH FLOOR, BEVERLY HILLS, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP UP 34 04 00N, 118 23 22W

PEAK VALS ACIN = 67.7 CM/SEC/SEC AT 4.84 SEC VELO = -8.9 CM/SEC AT 19.08 SEC DISP = 3.5 CM AT 18.44 SEC

INITIAL VELO = 0.45548 CM/SEC INITIAL DISP = 0.30779 CM
1926 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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-82	-164	-119	74	102	-14	-27	188	151	40	57	-221	-470	-304	-115	55	154	143	59	-32
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44	28	48	71	55	46	40	9	-3	-15	-19	1	4	-13	-24	-44	-52	-18	3	-5
-19	-27	-41	-49	-47	-45	-38	-4	16	-5	-16	-25	-47	-63	-67	-48	-29	-19	-23	-30
-21	-44	-60	-67	-61	-61	-49	-31	-53	-69	-50	-43	-36	-12	-8	-17	-39	-56	-55	-23
-11	-28	-35	-41	-52	-69	-48	-22	-25	-48	-58	-73	-73	-44	-16	2	19	20	-22	-61
-72	-65	-42	-17	11	25	-1	-12	-29	-49	-65	-79	-55	-10	18	30	11	-22	-25	-17
-27	-43	-7	14	38	39	26	17	-13	-5	24	42	39	29	7	21	46	59	38	-5
-32	-46	-14	22	76	110	82	42	8	-28	-36	5	48	79	100	108	82	41	15	3
-14	27	86	79	68	66	23	6	12	2	5	60	91	60	20	11	-22	-27	1	29
34	34	39	20	1	0	-12	-8	12	28	1	-34	-26	2	-14	-5	6	-12	-14	3
21	39	54	63	75	95	97	71	5	-48	-74	-55	-10	30	61	80	51	18	-10	-33
-55	-85	-94	-51	-5	21	-18	-82	-119	-104	-78	-80	-72	-55	-38	-45	-64	-92	-110	-125
-99	-81	-56	-31	-28	-42	-58	-58	-45	-18	14	48	31	-20	-60	-22	31	57	47	4

[illegible]

IIQ241 71-170.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 172 800 W. FIRST STREET, 1ST FLOOR, LOS ANGELES, CAL.
INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP N37E 34 03 26N, 118 15 02W

PEAK VALS ACIN = 86.8 CM/SEC/SEC AT 11.44 SEC VELO = 17.9 CM/SEC AT 15.80 SEC DISP = 9.2 CM AT 16.68 SEC

2468 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.96859 CM/SEC INITIAL DISP = -0.12284 CM

27	25	27	23	24	33	38	40	41	22	11	19	35	22	23	51	27	-29	7	6
-8	6	17	8	29	17	9	-3	0	-23	-6	-30	-8	7	12	19	77	33	-18	-65
-25	-9	-30	20	67	-5	-3	6	2	-6	-13	-51	14	90	57	17	-17	2	-30	-46
-45	4	13	40	2	-2	9	-27	-55	-34	52	70	7	-15	-54	26	84	32	-46	-46
-13	-46	16	10	10	0	-23	-82	-18	57	-37	-37	-46	-14	-20	-12	38	39	71	42
-60	-60	49	40	-12	-24	-59	32	96	36	-40	-18	-17	-21	-5	22	51	41	47	-8
-21	-103	-87	61	14	-124	-43	36	-25	14	52	8	48	10	-28	39	19	-42	-16	-41
9	95	43	-64	25	72	-83	-105	2	38	58	89	30	-26	-77	-111	-122	-69	-25	-7
-35	13	131	216	101	40	22	-44	-4	12	-30	-63	-22	35	36	70	19	-41	13	-1
-102	-60	62	34	-33	-119	-61	31	35	86	88	23	-96	-95	-30	-113	-44	40	106	180
67	-121	-109	-23	-1	29	30	23	89	72	17	61	3	-56	-56	-35	-2	84	136	57
-104	-78	-46	-135	-75	-21	137	180	64	12	10	-7	-46	-30	-53	-147	-105	11	106	170
124	21	-213	-209	-87	13	176	114	10	-6	-12	-148	-140	-126	-128	-80	-25	-44	-20	149
199	42	24	-55	-207	-20	155	60	2	179	114	-6	6	-35	-85	-121	-199	-38	139	35
-185	-117	-3	-122	-61	189	214	3	-176	-28	114	1	22	34	-52	55	247	330	191	24
-119	-107	-188	-299	-143	46	21	39	122	-99	-157	100	119	67	8	65	169	50	-77	-115
24	99	277	465	450	357	-29	-321	-195	-44	9	56	118	164	144	110	-106	-178	-299	-559
-609	-434	-364	-452	-472	-436	-389	-336	-183	-183	-75	-66	-11	97	297	500	361	240	248	183
245	368	253	106	46	-7	-124	98	315	451	661	604	419	281	240	484	363	-74	-250	-263
-339	-390	-456	-609	-514	-284	-202	-134	-266	-471	-336	-23	102	-93	-53	200	167	-9	2	92
188	80	-316	-463	-51	257	-194	-459	-197	65	30	-106	8	168	244	410	715	634	286	-61
-23	226	214	-107	-380	-253	31	167	247	175	-92	-402	-269	102	346	552	584	520	536	763
682	423	308	132	135	117	107	-27	-93	-117	-423	-535	-452	-506	-550	-649	-617	-298	25	65
-250	-436	-473	-324	-77	131	2	-394	-667	-679	-632	-622	-714	-755	-737	-557	-97	474	630	528
426	435	595	672	620	451	-10	-387	-198	118	421	529	320	126	112	141	527	840	821	554
285	-78	-344	-173	160	104	-245	-539	-735	-728	-257	203	221	138	409	486	213	-130	-286	-331
-164	149	524	665	777	819	747	465	90	-194	-110	12	18	171	361	551	659	417	-174	-496
-469	-529	-702	-804	-863	-825	-753	-749	-723	-608	-509	-448	-472	-317	-26	210	391	242	-31	-120
12	68	40	-137	-335	-198	39	207	346	495	661	840	868	527	139	-107	-147	-35	22	-98
-118	72	338	476	306	86	-102	-193	-134	-122	-76	73	129	-134	-426	-489	-354	-300	-326	-273
-48	399	728	782	568	254	139	121	189	213	135	50	-55	-187	-396	-504	-252	34	-17	-313
-622	-570	-207	0	33	-12	-181	-319	-273	-203	-235	-143	37	77	83	129	31	-85	-113	-128
-146	-160	11	297	444	474	406	272	234	308	232	-6	-323	-400	-261	-191	-268	-371	-460	-496
-486	-475	-447	-290	-46	2	-44	-31	77	251	320	220	141	146	81	-173	-296	-301	-225	-152
-190	-301	-351	-278	-124	-31	46	113	38	-207	-261	33	351	420	361	289	261	276	230	2
-367	-529	-477	-396	-380	-204	35	165	185	162	213	301	272	128	-79	-159	-40	163	210	177
164	145	40	-112	-171	-16	177	282	244	113	83	211	303	275	205	184	187	166	113	95
114	122	135	150	204	281	364	511	545	480	437	381	320	228	186	212	202	140	108	108
82	-52	-168	-94	30	98	94	71	105	172	162	102	79	140	166	97	41	14	0	39
223	399	399	323	304	321	383	413	353	219	10	-217	-279	-178	-97	-96	-150	-150	-145	-106

-28	-77	-212	-294	-229	-139	-59	-29	-18	-92	-240	-340	-370	-394	-419	-420	-359	-305	-297	-298
-232	-144	-92	-150	-254	-301	-203	-55	23	-8	-178	-346	-459	-475	-414	-412	-475	-557	-595	-537
-358	-242	-229	-240	-243	-241	-229	-203	-136	-96	-103	-164	-224	-247	-244	-185	-61	-68	-138	-120
-13	66	101	10	-8	12	27	169	319	334	279	178	103	143	227	208	121	100	145	163
106	54	80	141	200	202	173	174	136	15	-143	-255	-247	-135	-29	-47	-153	-147	-29	67
54	-15	-59	-24	45	106	150	197	199	209	197	181	227	242	205	169	212	315	360	327
276	227	201	252	325	352	284	130	51	89	148	122	26	-62	-94	-80	-56	-101	-105	-52
5	30	53	143	237	214	148	119	129	149	106	27	-26	-73	-112	-122	-15	63	26	-55
-98	-101	-111	-211	-255	-207	-166	-141	-134	-151	-180	-147	-85	-127	-184	-186	-139	-101	-77	-35
20	100	181	175	136	114	112	116	126	130	100	59	54	40	19	34	67	30	-45	-118
-181	-214	-200	-147	-80	-36	-47	-46	5	70	96	101	107	99	38	-64	-141	-151	-123	-136
-95	-79	-34	78	134	141	132	99	43	38	71	100	103	128	132	82	36	6	61	157
212	170	45	-15	8	70	90	24	-31	-11	48	77	104	121	98	73	64	59	39	-40
-98	-87	-44	1	8	3	-36	-89	-108	-115	-154	-234	-312	-318	-301	-384	-428	-381	-305	-248
-199	-147	-58	43	137	140	54	-26	-75	-125	-143	-112	-97	-96	-53	17	75	53	18	26
26	28	55	73	63	56	55	53	15	-23	-8	-16	-61	-66	-66	-75	-89	-94	-75	-23
-19	-58	-65	-28	16	62	73	60	32	-18	-46	-44	-37	-33	-18	37	47	15	-1	-50
-107	-138	-133	-79	-19	19	74	146	194	214	206	198	205	218	254	297	298	243	170	101
94	111	112	84	98	123	117	67	-1	-45	-23	0	14	11	-16	-54	0	61	100	86
10	-62	-46	-32	-55	-63	-50	-45	-24	4	30	53	38	-21	-65	-68	-82	-89	-62	-59
-100	-107	-79	-50	-52	-99	-153	-187	-139	-51	-34	-35	-5	28	48	74	90	73	36	14
2	-13	-26	-33	-43	-53	-53	-70	-109	-151	-164	-140	-97	-57	-22	7	51	26	-3	27
67	72	53	4	-7	63	119	129	112	84	67	73	73	73	72	49	-17	-16	38	42
26	30	28	27	7	-56	-81	-62	-13	18	-23	-81	-57	-8	4	-1	-36	-71	-76	-26
55	109	84	55	54	51	5	-43	-42	-3	13	2	-28	-41	-21	30	75	74	67	64
67	75	69	76	81	68	44	50	59	77	103	113	76	-50	64	101	115	68	30	32
45	66	73	51	4	-17	-35	-43	-26	-33	-69	-94	-102	-61	-5	13	-33	-69	-109	-126
-112	-101	-84	-63	-51	-45	-40	-30	-20	-35	-49	-37	-34	-33	-55	-97	-106	-92	-72	-56
-79	-93	-99	-84	-42	-4	32	39	17	4	-6	-9	-9	0	1	-9	-4	28	54	55
24	3	8	43	54	44	24	12	-15	-18	0	15	16	4	-10	-10	2	21	28	19
-48	-102	-111	-109	-101	-50	8	10	-43	-90	-73	-12	24	45	50	39	27	-7	-36	-62
-83	-87	-55	-25	-3	0	1	6	-7	-46	-70	-71	-53	-3	25	-8	-33	-9	43	72
167	176	111	52	40	-4	-2	-9	-12	-37	-35	-18	-11	-9	-9	-2	18	64	102	128
-2	-12	-15	-15	-23	42	51	78	87	73	67	63	29	-6	-1	40	80	93	77	42
-24	-35	-47	-53	-52	-29	-19	-39	-77	-90	-88	-82	-75	-70	-56	-41	-12	-1	3	-4
-10	1	9	-28	-30	-56	-65	-63	-44	-15	23	40	36	33	33	15	9	4	-3	-4
16	16	15	19	32	8	32	45	49	23	-17	-38	-55	-63	-67	-78	-80	-45	-4	22
-44	-44	-31	-19	-16	-6	-15	-9	-22	-37	-45	-60	-73	-76	-77	-70	-57	-53	-45	-44
100	132	157	155	148	135	140	143	148	146	136	103	82	75	71	12	-10	11	36	76
4	-36	-27	-30	-34	-54	-59	-53	-15	32	58	36	22	19	6	-5	-22	-49	-38	-27
-19	-12	4	24	55	28	-12	1	39	47	60	49	25	8	18	13	10	-1	-17	-1
24	0	-16	-32	-37	-57	-65	-65	-53	-32	-15	-30	-38	-31	-16	-34	16	7	27	39
55	65	39	22	10	-8	-13	-20	-29	-33	-33	-39	-36	-31	-33	-34	-37	-26	-31	-46
-45	-18	2	7	10	25	23	13	4	5	4	13	13	-3	-5	15	19	8	2	-8
-26	-36	-29	-25	-26	-26	-22	-14	-9	-13	-13	-13	-20	-26	-22	-21	-50	-82	-90	-81
-61	-24	-21	-20	-20	-17	-15	-19	-23	-24	-23	-21	-12	-8	4	6	-7	3	14	12
-1	-28	-48	-27	-20	-33	-34	-37	-49	-56	-52	-55	-62	-63	-56	-58	-61	-78	-96	-109
-106	-86	-69	-42	-17	23	57	74	85	96	-94	74	86	102	-56	-70	35	23	24	23
22	22	21	21	20	37	54	53	63	57	33	17	11	10	11	13	14	8	-3	-22

-30	-29	-21	-23	-23	-18	14	34	35	22	-5	-15	-23	-19	-17	-6	10	5	-21	-62
-92	-109	-102	-35	28	26	7	18	43	49	26	-14	-21	-5	48	78	69	26	-21	-44
-26	4	17	48	57	57	71	120	180	182	131	87	63	44	22	-4	-34	-60	-63	-66
-62	-58	-43	-28	-16	2	58	84	62	66	62	52	32	1	-17	-28	-26	-12	0	-3
-10	-26	-29	-9	-6	-51	-54	2	33	21	5	18	2	-32	-72	-67	-42	-38	-31	33
94	81	17	-15	-25	-19	-22	-39	-64	-63	-42	-27	-26	-33	-28	26	71	68	61	61
58	48	41	31	10	-13	-19	-26	-23	-6	13	49	41	3	-13	-13	5	27	2	-51
-46	-20	-6	-1	-28	-22	2	2	-23	-42	-16	-11	-18	-23	-27	-15	-15	-42	-58	-25
6	11	10	-1	-18	-7	-8	3	25	41	34	27	26	35	26	-7	-33	-40	-45	-54
-71	-33	-1	-8	-32	-30	-2	11	50	56	48	23	7	-17	-40	-58	-66	-55	-33	-25
-26	-27	-27	-27	-19	3	9	18	32	64	85	94	64	30	19	14	9	-5	-23	-14
-14	-10	-8	-7	10	28	17	16	16	22	28	25	18	-6	-20	-31	-35	-52	-49	-40
-13	-6	-11	-11	10	34	37	33	32	45	62	77	74	35	21	11	18	47	63	56
34	25	20	2	0	6	0	-8	-5	18	43	51	43	14	-14	-38	-40	-32	-33	-42
-52	-26	-14	-27	-58	-70	-66	-67	-51	-29	-22	-20	-4	1	-11	-11	-7	-4	-7	-28
-47	-58	-68	-64	-58	-39	-31	-15	5	21	42	63	77	75	66	44	17	-5	-3	9
37	12	-15	-18	-31	-40	-46	-34	7	25	22	22	22	21	26	22	2	-4	-13	-17
-16	-17	-9	-4	-10	-13	-23	-37	-47	-42	-23	13	22	14	15	10	-4	-12	-12	-4
2	-3	-3	9	10	5	10	12	7	-1	0	11	8	4	8	11	12	12	9	-4
-4	0	14	33	30	19	30	31	10	-22	-24	-21	-28	-27	-28	-29	-34	-33	-11	13
12	12	5	1	12	14	9	9	11	-3	-2	-6	-8	-6	4	14	20	24	18	14
13	7	7	13	24	29	27	10	-8	-21	-17	-5	13	36	44	38	33	29	29	20
3	-3	-2	0	4	2	-14	-29	-28	-32	-33	-31	-21	-1	4	1	1	-13	-47	-66
-62	-28	-11	-10	-19	-41	-58	-43	-13	5	-5	-37	-54	-32	-14	-14	-24	-29	-21	-17
-25	-25	-25	-4	12	19	28	36	35	18	1	-4	-8	16	42	49	47	47	67	81
79	59	48	36	49	47	34	23	23	22	25	29	35	36	36	28	25	19	14	14
-1	-7	-6	-16	-20	-20	-21	-17	-12	-7	6	5	-3	-9	-11	-10	-13	-28	-56	-53
-35	-22	-23	-25	-25	-26	-27	-25	-20	-23	-19	-16	-13	-24	-37	-30	-23	-16	-8	-10
-11	-6	0	-2	-6	1	5	3	2	0	-6	-3	16	34	36	27	17	16	16	19
24	17	11	2	-6	-4	-2	-4	-6	-14	-22	-14	-8	-2	16	25	14	-3	-7	3
3	3	-9	-9	-3	11	10	3	3	2	-1	-6	-6	-7	-7	-13	-11	-9	-5	-10
-14	-23	-31	-20	4	20	28	28	18	6	-1	5	6	2	10	24	27	32	28	23
17	11	3	-3	-1	-1	4	2	-4	-14	-13	-10	-7	1	12	24	22	18	13	-6
-9	-6	-8	-5	-12	-20	-20	-20	-14	-14	-13	-10	-7	1	12	24	22	18	13	-6

IIQ241 71.170.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 172 800 W. FIRST STREET, 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N33W 34 03 26N, 118 15 02W
 BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 138.0 CM/SEC/SEC AT 9.26 SEC VELO = 19.6 CM/SEC AT 12.36 SEC DISP = 10.0 CM AT 13.72 SEC

INITIAL VELO = 0.98233 CM/SEC INITIAL DISP = 0.27404 CM

2467 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

3	6	4	5	9	9	18	22	20	16	15	11	8	-16	-32	-12	-14	-35	-24	8
7	-3	5	-2	-7	-9	-10	-12	-14	-21	-47	-52	-51	-35	-32	-4	6	28	13	-9
-27	-26	-42	-43	17	3	-33	-28	-28	-19	-27	-28	-6	27	36	-13	-1	16	17	-31
-62	-56	-25	-44	-75	-22	51	36	-13	-19	8	6	22	15	7	-11	8	-29	-84	-68
-22	-14	-18	-29	-18	-7	31	-21	-40	-11	-31	-11	-9	-24	-16	-11	-28	-16	38	70
-2	-12	15	31	1	-33	-36	-4	21	-1	-31	-11	-9	-27	-48	-38	-36	25	100	33
-23	-16	33	45	-8	-105	-85	6	14	-24	6	58	72	29	-25	-35	-19	-4	-13	-14
2	-5	-7	-28	-53	27	41	-10	4	17	-25	-36	-13	11	2	-39	-28	38	0	-20
40	84	75	99	132	67	58	57	-20	-78	-100	-95	-46	49	66	68	118	110	26	-59
-70	-66	-57	-14	-1	-1	26	24	25	23	25	13	-5	-18	-8	-27	-82	-36	72	90
13	-78	-48	-2	16	-4	-27	16	87	67	31	21	70	77	32	-15	-74	-34	39	33
0	0	20	78	102	131	151	118	61	-15	-14	-53	-80	-33	-18	19	109	170	153	84
41	17	-45	-70	-25	4	26	45	52	-11	-44	-73	-129	-135	-129	-87	53	158	149	121
123	72	1	-67	-103	-123	-79	-49	-50	19	70	43	26	115	169	68	-6	-37	-45	-43
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110241 71.170.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 172 800 W. FIRST STREET, 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UP 34 03 26N, 118 15 02W

PEAK VALS ACCLN = 60.9 CM/SEC/SEC AT 10.58 SEC VELO = 8.7 CM/SEC AT 10.92 SEC DISP = 5.1 CM AT 11.88 SEC

2464 INSTRUMENT AND BASELINE CORRECTED DATA										INITIAL VELO = 0.03151 CM/SEC										INITIAL DISP = -0.02127 CM									
										AT EQUALLY-SPACED INTERVALS OF										0.02 SEC.									
										MM/SEC/SEC																			
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-66	-45	-39	-69	-124	-183	-193	-153	-118	-114	-112	-100	-81	-63	-52	-31	-3	9	-5	-14
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IIQ242 71.171.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 173 800 W. FIRST STREET, 16TH FLOOR, LOS ANGELES, CAL. COMP N37E 34 03 26N, 118 15 02W
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACLN = -126.2 CM/SEC/SEC AT 9.14 SEC VELO = -39.0 CM/SEC AT 17.68 SEC DISP = -20.5 CM AT 18.32 SEC

INITIAL VELO = -0.60545 CM/SEC INITIAL DISP = 0.17605 CM

2386 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

27	13	1	-12	-18	-19	-18	-13	-2	1	-1	-9	-7	-4	3	21	11	-5	2	17
8	-18	-4	0	10	22	24	12	4	-3	6	10	-3	-19	-15	10	30	34	2	-10
-14	-17	-16	-12	-15	-17	23	60	73	49	12	-32	-66	-65	-50	0	44	50	44	21
-13	-31	-39	-15	21	54	52	47	28	8	-19	-52	-81	-52	15	53	48	29	11	-13
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6	21	13	-22	-44	-28	6	33	68	95	94	42	-16	-49	-45	-30	-15	-10	12	37
45	28	-11	-7	1	-10	4	30	28	37	42	4	-27	-10	-8	-52	-77	-69	-36	-15
5	41	52	15	-1	-6	-21	-34	-32	-23	6	37	42	34	20	-4	-37	-70	-54	38
56	21	20	-7	-56	-82	-104	-107	-48	-14	12	68	116	120	129	101	25	4	-25	-75
-91	-38	7	54	62	25	6	-9	-15	-32	-28	-50	-58	-41	-36	-13	27	33	49	22
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9	-14	-68	-74	-63	-6	53	79	23	-61	-122	-146	-79	18	69	97	115	65	-21	-54
-122	-123	-84	-53	-66	-31	50	74	87	71	13	-33	-39	5	39	43	81	157	186	88
-15	-42	-80	-122	-95	-41	-82	-76	-30	-7	-1	19	52	47	14	-52	-61	-33	-33	2
86	121	114	146	130	6	-114	-165	-205	-229	-200	-73	30	13	-74	-104	-44	59	101	100
131	134	58	-20	-38	33	93	121	173	250	275	74	-82	-99	-100	28	73	105	162	202
134	37	-122	-260	-318	-365	-439	-505	-497	-492	-480	-421	-403	-388	-303	-204	-87	31	121	162
230	289	299	273	281	296	273	201	148	36	-25	142	290	419	557	710	767	672	554	443
318	163	44	-20	-116	-218	-324	-374	-402	-424	-325	-309	-492	-663	-739	-690	-615	-561	-455	-269
-148	-149	-150	-91	-70	-137	-258	-227	-100	-134	-259	-229	-135	-55	-40	-20	81	231	386	579
770	987	1075	962	892	799	489	275	240	275	351	326	157	-44	-140	-85	56	185	251	322
414	520	522	407	222	60	4	-21	-122	-200	-295	-416	-542	-716	-865	-1034	-1175	-1262	-1178	-839
-365	-152	-149	-207	-173	72	228	178	-72	-274	-388	-446	-424	-447	-419	-261	-58	183	411	556
625	707	808	934	1060	1139	1080	819	597	585	651	702	677	566	458	471	543	575	483	204
-144	-425	-623	-602	-541	-535	-668	-877	-938	-811	-619	-519	-433	-323	-307	-416	-624	-888	-1142	-1159
-893	-565	-285	-5	232	359	399	256	84	125	237	316	429	592	851	1011	1014	749	348	139
22	-75	-122	-101	-49	-75	45	18	10	73	305	218	198	337	397	289	53	-103	-164	-172
-200	-277	-337	-352	-292	-215	-146	-67	44	195	305	218	-11	-210	-280	-337	-358	-338	-158	139
399	546	513	315	152	66	27	12	29	63	-22	-206	-336	-410	-398	-333	-200	0	249	583
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-294	-285	-229	-153	-65	8	42	13	-88	-203	-300	-337	-358	-376	-404	-464	-528	-560	-559	-506
-403	-318	-275	-192	-50	104	240	315	366	406	454	462	302	-52	-258	-289	-258	-143	-90	-6
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103	79	27	3	13	-8	-49	-76	-46	12	92	173	246	305	365	436	487	515	541	564
573	550	486	395	320	261	234	255	299	336	391	392	351	331	348	397	472	512	539	465
503	460	291	210	164	170	158	158	154	231	365	447	476	489	506	525	511	430	358	286
214	154	118	111	104	86	71	52	26	20	49	66	53	-2	-86	-149	-157	-133	-105	-81

-109	-179	-258	-344	-431	-502	-530	-537	-504	-462	-428	-408	-396	-410	-451	-465	-395	-280	-197	-202
-271	-441	-732	-1003	-1054	-907	-815	-672	-561	-557	-555	-536	-533	-524	-560	-532	-471	-411	-409	-461
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-368	-401	-406	-383	-326	-255	-198	-191	-254	-338	-372	-382	-344	-283	-218	-173	-159	-187	-251	-321
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463	551	667	780	878	972	1006	1023	1026	996	970	992	1002	977	905	867	812	784	729	641
540	479	431	424	423	420	438	465	499	545	586	585	549	518	445	402	361	291	232	205
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-980	-992	-953	-905	-813	-692	-615	-565	-541	-545	-561	-532	-489	-433	-368	-309	-263	-246	-264	-271
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293	300	310	324	345	384	433	485	527	559	566	549	509	489	482	476	465	448	429	416
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584	589	593	598	598	583	564	543	514	489	478	467	456	443	418	370	335	320	310	308
307	306	298	279	243	199	140	82	42	0	-39	-77	-121	-156	-161	-166	-174	-188	-202	-215
-228	-214	-214	-198	-180	-164	-154	-150	-144	-142	-141	-140	-140	-144	-146	-151	-160	-168	-175	-179
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-492	-505	-506	-506	-508	-511	-517	-522	-521	-518	-516	-510	-495	-479	-459	-432	-414	-401	-399	-408
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-213	-209	-207	-206	-206	-209	-213	-217	-220	-218	-220	-209	-190	-180	-167	-151	-120	-94	-80
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195	201	204	206	211	216	218	222	231	241	244	241	240	240	242	244	245	246	247
245	238	219	204	193	171	162	155	148	139	132	115	98	83	68	49	37	26	10
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141	157	165	176	204	244	287	331	368	382	396	412	428	446	466	493	523	551	587	621
649	681	708	738	756	728	665	600	537	480	455	438	432	431	417	402	372	335	292	252

11Q242 71-171.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 173 800 W. FIRST STREET, 16TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UP 34 03 26N, 118 15 02W

PEAK VALS ACCLN = 153.5 CM/SEC/SEC AT 10.44 SEC VELO = 12.2 CM/SEC AT 10.50 SEC DISP = 4.7 CM AT 11.64 SEC

2386 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 1.23505 CM/SEC INITIAL DISP = -0.08411 CM

100	66	23	-31	-98	-150	-186	-173	-159	-137	-114	-3	98	106	117	169	66	-20	-5	9
-182	-296	-174	-7	158	304	156	-92	-207	-74	161	287	211	61	-82	-23	21	-46	-249	-281
-238	-101	60	159	128	67	222	320	162	-74	-323	-403	-194	4	54	105	91	100	78	151
164	155	101	126	1	-143	-295	-281	-63	85	72	-45	-263	-306	-59	155	133	111	86	35
29	195	184	-36	-255	-291	-104	187	317	227	82	-75	-82	-18	163	244	80	-181	-368	-442
-291	-103	47	47	-38	16	80	95	179	313	219	-33	-209	-258	-183	-106	-75	-27	36	146
263	243	122	125	-17	-243	-211	-79	-99	-11	144	123	42	81	191	253	153	-55	-210	-295
-126	113	8	-175	-128	-196	-330	-29	374	313	41	-150	-211	-124	-41	69	14	-301	-347	57
180	138	151	33	-112	-87	-118	-43	91	-48	-258	-347	-286	-164	265	684	723	459	-53	-507
-526	-65	389	620	406	-105	-430	-448	-119	260	231	-98	-132	143	385	410	240	-133	-488	-666
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-404	378	905	756	390	93	29	182	338	49	-103	35	222	375	201	-287	-812	-1225	-768	227
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-191	-218	-85	57	-44	-142	-272	-397	-297	-39	494	773	404	-86	-399	-604	-395	-233	-234	-86
202	160	-203	-496	-188	565	723	326	-95	-300	-492	-609	-466	-357	-267	-188	-90	-11	77	73
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283	1102	1535	1161	486	-90	-320	-387	-458	-353	-278	-300	-261	-285	-460	-446	233	611	387	110
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976	855	480	286	230	149	-24	-346	-709	-965	-1081	-876	-489	-226	-238	-330	-313	-95	158	321
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96	137	164	95	-78	-138	37	227	192	89	-29	-127	-123	90	244	273	173	133	170	199
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44	9	-24	-51	-71	-80	-75	-55	-24	31	66	73	62	39	6	-4	11	30	26	-11
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70	10	-58	-102	-114	-97	-77	-32	9	20	24	29	1	-22	-43	-46	-24	47	91	76
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-69	-34	27	90	120	88	17	-55	-44	11	47	38	-4	-49	-76	-92	-69	-15	9	-8
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100	93	83	68	49	26	-13	-56	-87	-100	-85	-67	-69	-82	-93	-69	-18	27	50	65
93	121	118	92	33	-21	-95	-97	-51	-19	2	-13	-45	-54	20	89	109	44	-7	-36

IIQ243 71.172.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 174 800 W. FIRST STREET, 33RD FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N37E 34 03 26N, 118 15 02W

PEAK VALS ACIN = 180.7 CM/SEC AT 18.56 SEC VELO = 75.9 CM/SEC AT 19.22 SEC DISP = -39.0 CM AT 18.48 SEC

INITIAL VELO = -0.65300 CM/SEC INITIAL DISP = 0.01870 CM

2357 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

27	20	14	9	4	-1	-4	-2	9	16	14	7	7	15	15	10	1	-12	-15	-4
12	-24	7	0	3	21	20	19	8	-15	-17	-4	-5	3	6	-13	0	18	9	-10
-33	-24	8	25	25	22	28	35	32	26	-37	-87	-62	-41	-18	25	48	79	101	55
-5	-46	-70	-61	-37	-8	38	62	57	64	62	41	-18	-57	-84	-41	9	36	58	54
51	32	1	-15	14	-4	13	49	39	-19	-39	2	36	42	-9	-44	-48	-57	-39	-12
23	51	31	36	49	51	69	16	-42	-60	-49	-1	30	6	-23	-46	-58	-47	-15	-15
17	53	-7	-64	-62	-75	-22	30	32	34	56	38	36	9	-44	-31	-3	2	24	14
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8	25	117	126	104	127	35	-43	-66	-48	60	62	62	69	122	184	156	94	48	18
-32	-59	-72	-14	-48	-90	-95	-144	-120	-14	60	62	62	69	122	184	156	94	48	18
5	-10	-65	-63	-6	53	78	41	-8	-4	-6	-17	-74	-133	-151	-110	16	75	46	-39
-156	-91	-24	-24	11	30	64	153	89	-10	-75	-96	-72	-8	65	118	134	108	78	-29
-74	-53	-47	41	91	95	140	4	-95	-134	-162	-148	-95	-9	115	197	287	264	155	54
-70	-79	-30	20	-1	24	42	-5	-24	-106	-171	18	95	76	62	-18	-114	-96	-87	-101
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78	52	0	-24	-146	-212	-230	-266	-156	-99	-31	52	64	69	18	-19	-63	-9	21	1
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147	142	77	61	167	277	303	309	330	376	402	410	371	270	268	319	348	341	211	34
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618	674	734	768	779	770	748	723	690	631	555	419	265	127	16	-32	-5	77	180	256
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1007	915	831	737	629	513	391	280	187	125	102	94	137	190	236	258	266	265	261	264
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756	706	680	667	644	729	771	818	854	900	929	953	968	979	980	944	915	881	840	801
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-58	-132	-171	-199	-216	-225	-236	-251	-283	-312	-352	-376	-401	-434	-463	-497	-546	-587	-632	-695
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-874	-859	-838	-822	-790	-774	-748	-698	-663	-630	-586	-531	-479	-432	-382	-318	-274	-209	-123	-56
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-856	-848	-834	-818	-798	-776	-756	-741	-709	-656	-599	-532	-449	-376	-322	-276	-235	-187	-154	-127
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18	10	19	25	18	21	28	40	46	53	63	77	109	158	196	239	289	349	407	460
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-179	-172	-166	-162	-160	-158	-156	-153	-150	-149	-162	-176	-197	-224	-250	-277	-307	-341	-382	-424
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-862	-863	-854	-833	-808	-780	-749	-714	-670	-611	-550	-490	-427	-353	-270	-193	-126	-66	-16	26
68	114	161	215	261	303	344	372	399	428	454	470	472	467	457	446	433	422	410	384
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681	678	663	649	631	609	578	539	484	435	392	349	318	295	274	240	212	184	150	101
36	-15	-69	-119	-174	-238	-276	-283	-293	-308	-324	-332	-342	-353	-364	-369	-368	-364	-349	-332
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-226	-229	-235	-249	-268	-292	-314	-330	-344	-356	-365	-372	-372	-373	-380	-405	-426	-443	-454	-458
-443	-420	-385	-340	-303	-269	-243	-219	-174	-134	-109	-75	-38	-14	5	19	34	68	113	152
186	213	235	260	287	315	345	372	395	419	446	482	500	514	524					

IIQ243 71.172.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 174 800 W. FIRST STREET, 33RD FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.03 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UP 34 03 26N, 118 15 02W

PEAK VALS ACCLN = 210.7 CM/SEC/SEC AT 5.46 SEC VELO = 13.1 CM/SEC AT 11.24 SEC DISP = 4.9 CM AT 11.58 SEC

INITIAL VELO = -0.24473 CM/SEC INITIAL DISP = 0.68536 CM

2353 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

189	20	-107	-130	-257	-334	-364	-252	35	153	189	269	300	235	144	-53	-359	-418	-1	175
140	164	-230	-311	31	255	390	255	-156	-223	77	287	452	140	-412	-311	-141	-158	-176	-299
-230	58	559	644	150	-53	-121	-37	181	-59	-518	-441	-310	-124	328	384	448	533	333	27
-116	-330	-291	-28	178	67	-129	-215	-233	-139	88	83	-105	-265	-133	122	401	432	182	-155
-201	-21	311	308	-71	-418	-422	-283	110	664	725	440	56	-341	-449	-248	-85	-59	-253	-282
-300	-214	167	248	295	418	221	102	94	-47	-45	-59	-477	-548	-225	126	486	699	176	-44
117	-49	87	155	-367	-325	28	-129	-135	141	268	565	504	-41	-111	-8	-18	100	-240	-807
-495	152	56	434	268	-328	-259	-111	-6	376	314	-30	-109	-508	-524	371	347	-314	-283	-252
-192	796	743	59	-113	-596	-965	-681	-215	251	856	818	-99	-293	-248	-214	722	958	118	-2
-344	-569	10	168	-10	-61	-443	-418	623	1246	858	-27	-928	-1426	-793	191	669	755	179	-59
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-521	-1280	-1421	-1459	-837	400	1393	1200	637	61	-383	-413	-135	-127	-468	-761	-1016	-678	14	395
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544	69	-538	-391	293	488	419	291	39	284	292	-217	-729	-1202	-1495	-1199	-614	102	627	1075
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-72	-29	-155	-250	-6	323	205	-92	-385	-588	-681	-396	130	542	695	351	-240	-669	-726	33
667	888	710	243	131	596	734	635	703	217	-357	-799	-1426	-1501	-1011	176	1519	1973	1493	653
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1177	818	427	-53	-245	55	56	-330	-702	-1001	-1337	-1281	-634	574	1738	2051	1557	870	428	471
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-801	-709	-667	-390	-72	30	22	21	-1	-136	-272	-158	-79	-77	-146	-88	50	154	185	187
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-182	-349	-389	-547	-538	-289	-81	27	124	29	-86	37	321	355	96	-126	-395	-380	-132	-157
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IIR244 71.174. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 145 222 FIGUEROA STREET, 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592

EPICENTER 34 24 00N, 118 23 42W
 COMP N53W 34 03 25N, 118 15 03W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS	ACLN = 149.4 CM/SEC/SEC AT 8.20 SEC	VELO = 18.4 CM/SEC AT 11.12 SEC	DISP = 9.8 CM AT 12.34 SEC	INITIAL VELO = -1.12583 CM/SEC	INITIAL DISP = 0.93333 CM	AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.											
-1	-17	-6	25	16	4	17	16	-7	-10	-9	-27	-30	4	35	-9	-29	17
48	25	-4	-1	-16	-29	-32	-29	-8	34	27	-20	-51	-18	57	83	21	-16
14	24	13	6	4	-4	-15	-38	26	-15	2	72	62	-16	-72	-75	-34	-38
-8	66	65	27	11	-1	-12	1	17	10	-30	-52	12	21	22	17	11	36
46	10	-1	-41	-46	12	32	-6	15	-7	-10	-4	0	-7	-25	-22	12	79
102	84	75	2	-53	6	22	16	5	-4	-25	-4	28	-52	-78	-4	35	56
70	38	24	86	114	61	20	-2	0	-23	24	52	61	23	15	49	8	-105
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100	86	22	-4	50	118	65	10	19	83	58	49	57	24	12	75	56	-84
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60	55	46	26	31	39	24	32	34	29	13	-8	5	-11	-7	31	46	53	38	23
2	-17	-4	-2	-1	-18	-9	-7	8	-1	2	-7	-29	20	31	28	-5	26	11	29
13	-5	-6	-11	-1	5	3	-1	25	21	15	22	55	39	20	17	-3	9	15	5
18	6	0	-18	-8	-13	-46	-20	1	-19	-37	6	-9	-46	-74	-52	-48	-50	-29	-53
-66	-43	-25	-17	-44	-21	6	-33	-51	-70	-81	-75	-47	-48	-70	-41	-57	-35	-48	1
13	24	41	55	60	51	27	10	8	3	-38	-27	17	29						

IIR244 71-174.

STATION NO. 145

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
222 FIGUEROA STREET, 1ST FLOOR, LOS ANGELES, CAL.EPICENTER 34 24 00N, 118 23 42W
COMP S37N 34 03 25N, 118 15 03W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

INSTR PERIOD = 0.030 SEC DAMPING = 0.592

PEAK VALS ACIN = -126.8 CM/SEC/SEC AT 8.48 SEC VELO = -18.7 CM/SEC AT 14.44 SEC DISP = 9.9 CM AT 13.52 SEC

INITIAL VELO = 0.13251 CM/SEC INITIAL DISP = 0.31357 CM

2094 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-27	-34	-46	-12	27	10	1	10	14	8	-5	-5	3	1	-4	-10	-18	-32	-24	-13
-8	-12	10	40	43	18	-17	-44	-38	12	46	54	55	-4	-78	-89	-46	-12	-7	-20
-16	-16	2	32	28	10	-6	-37	-42	1	23	25	20	3	14	23	54	67	45	-18
-64	-85	-64	-31	-8	9	-7	-24	-17	13	-4	7	15	-48	-57	0	27	40	-14	-59
-49	-38	53	101	58	25	24	30	2	32	55	41	18	10	1	-13	-13	-78	-121	-94
-15	22	1	14	17	18	15	-3	-28	-8	8	-12	41	96	144	159	126	87	31	-24
-54	-93	-112	-79	-25	-29	-61	-8	9	-20	-33	-46	2	34	63	41	-25	-8	55	86
45	-2	19	-8	16	59	28	-22	-35	7	-7	16	77	33	-12	-40	-65	-37	60	67
-3	-43	-23	0	-42	-71	-87	-83	-14	38	5	33	11	-45	-87	-92	-57	22	111	130
75	-36	-104	-90	-13	60	34	-3	9	28	4	-3	-50	-90	-83	-46	-26	-7	72	87
-39	-136	-97	-29	-3	69	123	151	124	60	22	35	80	73	-11	-55	-77	-45	29	57
7	-93	-103	-53	-51	-71	-16	17	5	23	-32	-105	-55	150	209	105	26	51	142	65
-34	-46	-61	-80	-75	-23	10	-10	-12	-23	-55	-103	-89	-71	-66	-5	72	117	76	14
34	92	149	156	79	-39	-39	13	25	24	14	-22	-105	-183	-199	-270	-346	-246	-97	-5
84	113	140	116	111	69	17	2	-23	-39	25	256	559	714	728	551	383	202	203	302
251	101	10	-101	-196	-308	-453	-487	-438	-331	-301	-275	-78	141	219	166	129	18	-202	-367
-382	-433	-443	-405	-382	-395	-295	-120	-11	74	229	492	606	550	482	375	223	31	-159	-139
-20	32	254	352	281	211	153	21	-210	-303	-157	69	180	237	302	300	164	-61	-163	-169
-123	-207	-306	-397	-445	-357	-327	-336	-347	-229	80	318	269	111	-4	-36	-99	-141	-60	17
35	3	-77	-192	-365	-489	-636	-823	-913	-879	-706	-369	-35	114	109	239	405	545	589	556
563	532	528	611	568	533	543	516	444	399	169	-84	-215	-212	3	304	525	774	933	847
412	-169	-740	-1131	-1268	-1113	-811	-669	-472	-98	302	661	755	542	336	128	-22	-157	-338	-622
-765	-851	-857	-726	-360	172	519	548	447	441	443	309	54	-180	-395	-477	-444	-418	-449	-456
-374	-152	-77	-158	-155	-91	-55	-50	-75	-116	-147	-178	-190	-103	81	184	147	-11	-192	-304
-354	-272	-39	244	503	701	775	827	936	1046	1058	881	675	373	175	77	-122	-324	-374	-214
-36	27	46	134	174	134	-45	-170	-275	-365	-547	-657	-747	-801	-769	-591	-357	-87	223	498
548	400	229	124	2	-96	-57	47	63	51	-32	-170	-149	-29	84	143	123	227	401	404
197	-84	-321	-410	-364	-295	-276	-293	-198	-57	101	283	375	316	66	-165	-297	-179	1	24
182	342	457	475	469	523	603	535	248	7	-133	-114	-99	-63	-20	-38	-60	-18	64	76
17	-137	-302	-421	-523	-612	-540	-292	76	429	615	590	554	627	629	600	510	338	40	-190
-258	-196	-87	-39	-64	-136	-157	-110	17	236	463	524	514	442	324	224	45	-127	-247	-407
-575	-516	-272	91	389	518	469	333	189	21	-100	-120	-36	69	203	303	434	487	349	28
-230	-409	-528	-526	-511	-376	-154	-8	127	184	172	132	12	-61	-76	-67	-39	18	13	-5
-37	-109	-239	-338	-380	-368	-277	-213	-172	-183	-253	-244	-248	-253	-344	-473	-535	-582	-550	-540
-495	-435	-403	-347	-272	-79	116	204	179	150	31	1	-17	-99	-206	-264	-194	-154	-115	-78
-57	-22	-25	-150	-262	-209	-173	-118	-64	-20	-8	-70	-148	-279	-440	-546	-567	-586	-563	-459
-321	-98	74	126	151	148	134	77	26	18	-6	11	56	70	80	76	104	153	234	249
289	362	491	511	477	407	384	323	226	103	48	84	163	192	204	196	135	74	133	234
330	399	441	382	418	449	482	578	548	491	411	326	236	200	180	171	153	161	165	184
210	211	190	178	153	98	54	23	-38	-81	-40	-16	-28	-97	-233	-242	-176	-120	-20	5
38	28	-75	-214	-286	-326	-335	-271	-193	-160	-116	-71	-48	27	164	240	283	286	259	145
49	7	-11	-97	-148	-147	-155	-136	-133	-102	-96	-82	-110	-126	-171	-222	-216	-97	-78	-79
-63	-77	-134	-214	-261	-231	-208	-196	-191	-155	-158	-185	-243	-267	-178	-115	-32	24	36	9
-26	-44	-66	-71	-90	-145	-130	-114	-115	-72	8	3	69	80	78	107	107	127	146	198

208	210	234	163	109	74	87	103	98	125	105	101	61	40	100	136	97	88	123	94
72	38	-61	-151	-181	-182	-225	-261	-275	-191	-112	-64	10	105	134	98	26	-9	-16	31
117	179	187	142	44	32	40	45	25	-30	-39	9	10	71	169	201	239	172	80	-33
-135	-220	-225	-216	-164	-111	-60	-88	-85	-46	-30	-61	-77	-93	-150	-143	-178	-205	-149	-88
-58	-99	-66	-15	42	50	66	38	-13	0	-54	-108	-137	-166	-158	-128	-35	-10	23	77
121	155	178	180	217	147	198	265	275	257	214	220	245	204	181	145	174	104	59	54
2	-57	-59	-24	-55	-70	-56	-40	45	105	99	65	10	-17	-43	-43	-31	-15	-7	-12
-15	17	83	131	111	51	2	-11	84	133	124	127	100	57	-11	-54	-99	-131	-119	-107
-70	-75	-50	-54	-79	-55	-19	-28	25	37	54	135	104	76	84	32	-29	-58	-118	-177
-161	-164	-178	-159	-169	-191	-227	-230	-231	-234	-200	-228	-220	-203	-186	-209	-233	-198	-172	-142
-93	-103	-89	-45	-60	-69	-75	-44	-98	-104	-93	-52	21	52	55	112	148	101	41	11
30	50	58	137	117	166	172	137	100	78	86	84	80	68	85	115	129	103	62	45
32	-9	-43	-70	-84	-67	-27	32	102	147	165	181	169	108	63	58	64	66	46	48
70	82	66	15	8	-1	-54	-74	-54	-38	-6	20	30	7	-16	-21	-53	-80	-71	-57
-55	-30	-4	23	23	-9	-60	-99	-120	-119	-72	-23	4	7	16	16	22	37	42	49
72	105	149	195	190	144	93	50	14	-18	-33	-30	8	35	30	-4	-22	-40	-67	-103
-140	-163	-151	-117	-82	-52	-6	62	91	67	38	14	-6	-34	-65	-82	-79	-85	-93	-106
-101	-77	-60	-66	-62	-37	-27	-17	2	22	11	0	4	14	12	4	1	20	37	55
69	71	73	103	121	139	111	92	83	61	42	44	56	64	47	53	56	59	88	100
105	85	43	12	-4	-15	-26	-35	-37	-39	-37	-32	-24	-4	31	55	51	21	-11	-34
-33	-11	-2	4	2	-16	-43	-64	-91	-89	-69	-71	-62	-53	-30	-6	16	55	78	70
45	31	31	30	31	24	26	38	44	20	10	10	14	17	15	28	51	62	45	28
18	7	4	17	24	35	25	-7	-22	-44	-62	-70	-62	-35	-23	-30	-29	-33	-36	-53
-56	-54	-38	-10	24	48	64	63	56	33	12	-15	-51	-81	-92	-101	-91	-78	-69	-58
-44	-59	-87	-100	-102	-79	-64	-46	-29	-12	-21	-49	-59	-55	-36	-35	-33	-15	10	29
50	59	68	72	76	77	71	71	75	73	61	48	38	13	8	25	49	62	80	101
107	81	43	5	-9	-25	-35	-36	-43	-59	-77	-86	-82	-66	-59	-33	4	26	39	17
-13	-19	-10	-2	4	18	50	76	93	79	56	32	14	-9	-16	-22	-12	6	27	45
39	16	9	18	26	25	41	17	60	89	83	41	11	-6	8	25	29	26	26	28
32	30	35	29	-2	-26	-41	-60	-69	-68	-80	-106	-148	-172	-174	-164	-171	-181	-180	-178
-166	-161	-159	-144	-112	-76	-64	-57	-27	7	35	49	62	77	89	103	124	104	51	0
-22	-50	-58	-37	-21	-5	12	21	33	29	-10	-36	-63	-69	-58	-55	-55	-48	-22	-18
-35	-38	-19	-19	1	14	21	32	42	45	45	44	52	66	79	77	50	35	37	38
35	24	5	5	-3	-1	-5	-23	-30	-41	-43	-44	-39	-24	5	44	61	73	77	57
38	28	19	17	28	41	60	61	44	15	-5	-15	-26	-32	-39	-35	-14	11	24	31
39	42	34	19	9	-7	-20	-33	-35	-17	4	24	36	60	48	28	8	8	7	5
-1	10	32	56	77	83	83	60	22	2	-8	-17	-15	-6	-5	-7	-7	-3	2	6
14	8	5	12	32	42	58	67	64	62	46	36	33	39	57	75	75	73	76	76
72	65	56	49	31	4	-14	-24	-48	-66	-77	-70	-58	-55	-50	-31	-4	18	27	18
4	-14	-32	-43	-62	-80	-82	-73	-50	-33	-22	0	19	19	6	2	2	23	47	51
46	51	60	54	46	37	23	7	-10	-17	-9	7	32	42	46	35	22	34	46	34
27	-9	-39	-42	-19	-3	11	19	19	29	5	-37	-71	-88	-77	-42	8	20	32	32
2	-58	-122	-144	-173	-191	-189	-146	-99	-62	-17	21	30	9	-6	-10	0	-13	-35	13
21	10	8	2	-34	-78	-115	-138	-83	-28	-10	5	31	39	40	71	84	48	20	-25
-53	-58	-64	-43	-5	19	63	84	84	82	57	38	36	6	-20	-26	-14	7	20	43
43	35	28	14	-11	-32	-27	1	20	43	35	17	-24	-40	-57	-68	-70	-23	-35	-52
-73	-63	-27	-14	-11	7	-3	19	48	46	21	44	57	36	18	21	16	-16	-30	-35
-29	-32	-39	-3	24	-3	-1	12	44	31	67	72	48	71	38	-14	-57	-60	-68	-60
-52	-26	-24	-27	0	48	57	50	53	22	-4	18	5	-27	-39	-11	-2	-3	0	-41
-56	-60	-20	-23	-28	-19	-3	2	40	25	37	67	46	9	15	-6	-3	5	12	27
15	-21	-25	-18	-47	-62	-65	-28	12	-12	-23	7	36	19	22	20	2	-34	-18	-20
17	45	40	35	-16	9	-9	-10	-35	-51	-13	-37	-26	7	3	-10	-18	-16	-4	4
14	21	22	24	15	1	-27	-40	-39	-50	-70	-79	-45	-54	-14	44	50	45	35	29
0	10	26	36	53	22	7	-13	-6	-8	49	43	66	75	65	57	49	54	48	25
33	48	48	23	16	65	73	72	50	43	58	44	25	23	3	-58	-99	-92	-89	-120

-87	-29	-31	-16	-1	20	26	19	19	26	30	18	0	-20	-23	-30	7	18	2	23
22	6	-1	14	20	16	-3	-26	-22	-33	-29	12	4	-11	-10	14	-13	-5	11	5
7	-11	-22	9	7	1	-2	-5	-6	11	19	21	-5	11	27	31	47	34	22	16
10	-7	6	1	-7	-5	-14	-19	-20	-17	-17	3	7	33	41	14	-6	16	-30	-20
-18	-9	13	15	8	4	1	-14	-21	-23	-34	-8	19	9	15	-13	-49	-76	-39	-63
-74	-70	-27	-23	-54	-48	-5	-31	-35	-14	-6	-5	-14	6						

IIR244 71.174. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 145 222 FIGUEROA STREET, 1ST FLOOR, LOS ANGELES, CAL. COMP UP 34 03 25N, 118 15 03W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 43.2 CM/SEC/SEC AT 4.66 SEC VELO = -8.5 CM/SEC AT 11.22 SEC DISP = 4.4 CM AT 10.74 SEC

2094 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = -0.07977 CM/SEC INITIAL DISP = 0.00020 CM

-95	-133	-117	-38	7	41	107	120	98	31	-84	-68	-67	-105	-81	14	13	26	103	151
110	45	-6	-15	-21	-40	30	106	69	25	11	2	-26	-69	-178	-158	-66	-4	17	69
135	65	-35	-55	-24	24	8	-80	-6	87	63	108	145	152	58	-67	-59	2	-56	-93
-78	-66	-80	-78	4	-32	-18	15	-14	36	93	59	9	-41	-52	-76	5	96	27	5
47	48	10	24	30	30	-35	-37	32	89	87	104	-24	-22	10	65	63	55	59	-17
-39	-12	-23	10	25	-47	-117	-99	-146	-29	37	0	-58	-61	5	-26	51	-12	-127	-41
-34	-53	26	49	52	-105	-267	-250	-134	-16	6	64	86	36	38	-4	-39	119	71	8
62	75	99	136	100	22	-9	-32	-19	148	153	76	-10	-49	-141	-208	-211	-68	97	86
99	70	-7	-61	-90	-85	-30	30	117	156	131	64	-7	-230	-262	-111	-152	-184	-119	-58
49	35	-57	-68	-42	-18	7	171	176	143	223	148	17	104	105	-62	-187	-136	-118	-33
11	-9	56	33	-54	-78	-138	-63	-79	-118	-87	-113	87	166	252	257	99	77	92	-9
-43	-164	-269	-16	95	24	29	-163	-198	3	81	81	224	432	363	134	63	197	17	-252
-202	-101	-120	-59	42	90	24	-27	-28	-129	-155	-49	97	-8	73	50	-26	63	44	18
82	72	58	33	12	-22	63	28	78	130	138	117	73	-48	21	13	19	97	78	41
43	-63	-114	75	126	47	18	-48	-155	-122	-61	39	-4	-154	-132	-102	-226	-147	-91	-99
-138	-231	-203	-124	-71	-86	-56	65	184	147	-31	-59	-44	3	2	92	175	239	256	144
-9	-3	92	62	-33	-205	-196	-85	-74	-101	69	182	71	-38	-91	-112	30	29	-165	-199
-103	-51	-14	113	90	39	53	110	11	-15	-1	-87	-114	-207	-256	-117	-6	43	-29	-1
173	213	153	-52	-174	-256	-198	-203	-239	-148	-170	-102	-50	-32	85	76	137	205	140	121
114	20	58	30	36	78	120	105	98	27	-52	-133	-130	-168	-60	104	162	156	124	78
94	-11	-83	-26	54	179	67	-67	3	0	-178	-145	-101	-116	-125	-72	-81	-21	14	-47
-49	43	32	44	75	79	17	-36	-81	-107	-42	34	56	183	242	171	211	303	148	6
211	260	299	223	20	30	182	210	152	-26	-126	-213	-304	-224	-175	-123	-44	25	45	102
162	101	-77	-33	-46	-74	-23	-7	-63	285	377	358	305	274	184	149	206	276	307	166
-60	-168	-173	-152	-210	-161	-131	-2	65	-31	-99	-110	-83	-133	-156	-148	-157	-127	-131	-94
196	140	55	-5	-142	-240	-307	-274	-280	-292	-339	-310	89	196	184	198	284	346	341	294
-384	-329	-268	-240	-197	-191	-197	-123	-101	-116	-61	-5	-25	-124	-168	-131	-170	-178	-206	-144
-26	12	29	100	136	232	308	315	308	221	72	-7	39	95	110	94	71	0	-63	-44
-129	-123	-19	-16	-59	-50	-53	-77	-27	-31	32	-16	18	51	80	98	151	232	340	386
322	227	121	39	-65	-151	-235	-264	-241	-202	-114	-87	-114	-134	-64	34	139	215	292	379
331	224	184	168	134	156	211	246	288	276	210	106	73	100	115	145	147	63	39	5
-5	7	21	-11	-67	-80	-50	-15	27	11	79	140	91	110	123	74	37	13	-21	-64
-71	-104	-151	-88	16	81	89	84	67	-11	0	81	112	61	50	49	32	-56	-166	-228
-216	-184	-174	-136	-67	-31	11	48	39	-60	-57	-26	-34	-65	-114	-79	-69	-135	-120	-72
-16	42	35	6	0	48	86	47	18	93	149	165	91	31	44	74	23	-58	-149	-165
-125	-140	-163	-164	-179	-175	-134	-106	-68	-23	-42	-85	-139	-143	-128	-98	-64	-5	21	-14
-63	-103	-97	-83	-84	-52	12	55	82	54	5	-3	7	-8	-5	22	39	42	57	30
-20	-30	-42	-79	-137	-162	-152	-105	-56	-27	-43	-6	-24	-31	5	13	15	19	-4	-20
-34	-39	-19	10	24	32	27	-2	-9	24	87	120	90	46	11	3	22	26	16	33
85	120	127	126	144	184	153	92	64	18	-24	-33	-30	-3	29	69	72	22	-5	-1
-12	19	60	107	128	99	42	-18	-65	-2	44	33	-5	12	25	7	11	66	101	122
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IIR245 71.173. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 147 222 FIGUEROA STREET, 20TH FLOOR, LOS ANGELES, CAL. COMP N53W 34 03 25N, 118 15 03W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS		ACLN = -377.6 CM/SEC/SEC AT 11.92 SEC		VELO = 67.7 CM/SEC AT 11.66 SEC		DISP = 19.5 CM AT 11.96 SEC													
		INITIAL VELO = 0.92506 CM/SEC		INITIAL DISP = 0.35983 CM															
		2023 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC		AT EQUALLY-SPACED INTERVALS OF		0.02 SEC.													
-41	-48	-2	23	-26	-68	-74	-32	-5	4	1	-12	-27	-50	-49	-20	0	-25	-35	-9
21	-29	-93	-72	-23	-47	-22	71	118	82	32	38	-21	-119	-185	-110	-6	26	32	72
83	43	-4	-87	-156	-164	-104	24	159	217	166	95	13	-33	-99	-161	-211	-186	-50	74
150	220	230	68	-128	-254	-267	-252	-187	-15	155	247	239	225	167	41	-144	-259	-265	-219
-68	116	275	298	179	81	10	-88	-166	-191	-174	-76	51	139	195	180	70	-70	-178	-241
-232	-118	-58	-11	20	98	175	162	66	0	-91	-131	-90	15	152	192	188	142	79	69
84	-6	-149	-194	-179	-107	50	87	13	27	42	15	-20	16	59	30	-27	-64	-10	96
100	102	122	54	-45	-39	-32	-26	8	-4	-86	-93	-60	2	82	136	44	-59	-179	-169
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9	-108	-161	-227	-172	117	315	317	61	-135	-116	-78	-137	-183	-98	-71	29	181	188	16
-150	-173	-294	-336	-139	96	319	472	385	166	19	-4	9	-70	-218	-133	149	369	418	275
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1001	897	739	768	981	1137	1286	1558	1749	1602	1293	1044	760	305	-270	-643	-726	-567	-452	-432
-459	-504	-787	-1145	-1378	-1489	-1554	-1477	-1388	-1463	-1524	-1460	-1523	-1448	-1320	-1211	-771	-227	22	184
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-600	-603	-604	-594	-540	-498	-494	-504	-511	-501	-456	-416	-368	-292	-171	-44	60	101	166	242
304	300	291	299	348	372	362	347	404	481	536	559	510	491	460	397	280	168	137	91
66	53	36	34	-4	-30	-88	-179	-251	-326	-397	-408	-403	-464	-513	-547	-524	-480	-448	-412
-401	-365	-304	-211	-165	-117	-33	1	32	56	64	60	80	122	161	179	189	221	254	276
318	408	471	493	507	526	504	452	387	380	364	265	178	138	108	74	16	-25	-74	-143
-193	-211	-177	-108	-100	-128	-187	-279	-356	-455	-523	-541	-514	-438	-341	-236	-171	-147	-127	-177
-256	-268	-266	-263	-246	-186	-80	31	168	297	426	548	577	557	544	506	459	402	348	343
324	341	319	326	373	453	490	470	454	365	265	163	20	-34	-94	-135	-157	-145	-142	-157
-195	-247	-306	-378	-465	-559	-591	-533	-505	-444	-377	-323	-274	-254	-265	-286	-288	-256	-253	-229
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346	345	304	236	145	52	-53	-101	-139	-142	-134	-147	-167	-230	-288	-321	-363	-404	-429	-407
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190	273	343	365	345	322	309	307	288	251	218	213	228	253	262	244	210	148	79	47
6	-45	-63	-71	-102	-145	-180	-207	-215	-199	-196	-212	-193	-210	-226	-249	-273	-279	-264	-255
-221	-164	-109	-51	5	20	40	63	67	78	106	113	126	138	170	197	219	255	295	270

[illegible]

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-177	-78	-130	-200	-253	-261	-234	-233	-270	-310	-349	-267	-187	-19	199	412	470	336	212	130
163	321	524	714	660	391	187	66	-49	-79	-95	-52	16	-47	-164	-227	-195	-85	20	51
-39	-175	-274	-353	-420	-360	-218	-126	-90	-91	-100	-109	-94	-95	-77	-58	-6	-12	-76	-142
-168	-122	-71	-48	-86	-46	75	197	307	308	260	109	139	34	-77	-154	-179	-147	-118	-128
-149	-138	-128	-77	43	178	274	277	241	286	384	475	565	622	637	640	542	464	366	324
214	53	-164	-393	-560	-681	-703	-688	-709	-649	-557	-428	-337	-286	-200	-167	-83	-2	191	420
646	794	824	823	810	789	731	584	479	350	232	146	55	32	-29	-125	-322	-540	-672	-772
-798	-794	-734	-684	-628	-592	-545	-438	-261	-34	-993	397	535	625	713	-1056	788	829	778	732
661	523	312	90	-118	-320	-531	-719	-768	-865	-919	-1210	-1382	-1401	-1266	-1056	-788	-529	-341	-229
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-633	-739	-838	-927	-897	-844	-760	-653	-455	-206	-32	104	217	296	402	523	695	857	1004	1104
1097	984	769	570	374	167	6	-133	-269	-487	-640	-803	-897	-838	-720	-612	-546	-500	-445	-361
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-322	-343	-355	-322	-241	-156	-78	-9	66	142	182	222	338	467	561	569	492	407	274	153
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467	564	632	664	647	603	564	530	486	436	381	319	219	67	105	-279	-420	-466	-443	-391
-384	-419	-444	-454	-382	-252	-72	87	192	236	232	226	239	270	305	357	399	425	392	283
181	115	95	68	30	-22	-110	-204	-235	-335	-347	-327	-299	-347	284	-376	-388	-336	-242	-141
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235	243	198	145	47	-49	-150	-225	-276	-287	-287	-254	-208	-159	-144	-138	-121	-114	-101	-79
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-40	-111	-145	-131	-109	-84	-70	-66	-62	-69	-94	-141	-141	-91	-43	-13	-10	-35	-72	-121
-139	-141	-116	-47	21	77	125	147	93	7	-26	11	71	136	224	276	255	211	148	79
18	-21	-34	-50	-83	-125	-147	-165	-186	-181	-169	-161	-128	-82	-59	-38	9	94	200	285
313	272	215	174	190	272	227	226	205	148	59	-13	-64	-64	-101	-165	-223	-290	-299	-295
-325	-366	-424	-442	-402	-374	-348	-312	-257	-226	-216	-207	-182	-106	-12	90	161	210	247	280
322	369	403	431	464	495	499	439	326	173	44	-76	-174	-240	-255	-251	-273	-325	-405	-419
-424	-436	-439	-382	-269	-153	-60	12	63	137	154	154	203	274	338	385	397	393	365	316
226	162	110	86	70	55	-23	-138	-229	-298	-341	-319	-266	-219	-193	-161	-122	-110	-150	-150
-105	-36	9	51	123	207	275	315	345	371	401	381	302	212	139	118	81	66	74	54
-22	-141	-248	-345	-412	-450	-433	-380	-295	-237	-191	-140	-77	-29	30	99	178	255	276	249
213	215	228	268	301	302	256	167	68	-31	-133	-151	-181	-211	-185	-146	-107	-95	-102	-112
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21	10	-18	-53	-67	-69	-99	-89	-58	-27	8	7	24	32	40	57	82	96	97	91
87	47	-31	-95	-110	-113	-123	-130	-127	-99	-58	8	52	21	4	-5	-7	-47	-64	-42
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-16	-39	-76	-101	-102	-91	-79	-75	-78	-131	-125	-32	38	95	122	86	8	-13	41	101
142	193	239	214	140	55	-61	-158	-169	-86	13	110	139	75	-104	-286	-376	-373	-312	-302
-266	-213	-171	-183	-203	-177	-133	-58	30	128	222	193	132	141	180	-247	312	350	272	85
-129	-267	-278	-206	-134	-106	-76	-144	-207	-233	-181	-93	-5	65	126	128	92	27	33	95
207	347	445	456	337	191	109	21	-36	-24	49	62	-7	-121	-237	-349	-383	-378	-311	-241
-194	-146	-140	-104	-89	-62	-24	19	77	104	128	145	144	152	154	129	150	174	139	80
42	22	44	62	87	75	109	122	58	10	-37	-81	-112	-136	-154	-169	-172	-155	-94	-27
8	24	51	98	135	168	213	268	258	193	117	41	6	-22	-21	-169	-107	-157	-193	-234
-234	-187	-120	-76	-39	-27	-32	-23	-18	47	119	151	185	176	149	114	70	33	-18	2
44	51	44	7	-18	-24	-36	-24	-16	-18	-19	-21	-25	3	37	67	80	53	-24	-109
-158	-167	-133	-81	-54	-42	-27	-22	-17	-20	-21	-7	17	47	72	84	83	81	81	84
77	72	53	26	-44	-52	-52	-74	-102	-103	-101	-90	-79	-76	-77	-77	-74	-59	-11	46
58	42	4	-23	-37	-43	-50	-46	-34	-26	0	33	57	57	41	27	15	19	31	50

[illegible]

IIR245 71.173. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 147 222 FIGUEROA STREET, 20TH FLOOR, LOS ANGELES, CAL. COMP UP 34 03 25N, 118 15 03W
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 79.8 CM/SEC/SEC AT 12.74 SEC VELO = 9.4 CM/SEC AT 9.92 SEC DISP = 4.3 CM AT 10.98 SEC

INITIAL VELO = 0.49920 CM/SEC INITIAL DISP = 0.08873 CM

2020 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

26	-161	-222	-160	27	192	213	130	34	13	7	-152	-173	-69	-63	-75	37	69	58	77
160	116	13	-94	-74	-3	22	-2	65	100	18	-71	-104	18	27	-134	-317	-215	-16	175
168	60	-26	-60	-53	-40	-18	93	41	-182	-52	197	241	138	79	62	25	-108	-118	-42
-76	-136	-147	-126	-81	-18	86	88	44	31	-7	-33	24	12	-20	-74	-63	10	89	183
124	-115	-112	54	90	11	-56	-21	29	32	58	112	90	121	2	-127	-111	57	187	180
67	-53	-137	-15	92	17	-1	-39	-102	-400	-103	48	177	51	-185	-230	-165	50	151	103
-182	-288	-71	22	142	90	-27	-53	-102	-400	-411	-71	276	308	82	-89	-55	36	69	47
113	83	-53	-3	107	190	234	95	-51	-81	-84	20	234	308	73	-161	-242	-152	-62	-51
-191	21	303	241	5	-64	-234	-161	-27	115	149	139	181	286	220	68	-220	-699	-547	94
202	53	-160	-233	107	392	14	-452	-342	-12	311	456	298	25	44	40	-48	51	190	19
-360	-367	-157	332	463	125	-289	-250	4	126	-56	-146	-139	-88	43	-2	-104	72	359	436
151	-130	-9	125	-68	-167	-341	-295	149	429	203	-252	-650	-269	560	716	248	-52	80	286
144	-59	3	-133	-429	-306	-187	72	153	119	-35	-45	94	123	-102	-276	-183	233	365	118
-253	-309	27	375	221	49	-34	-169	-103	42	32	37	38	-24	21	112	220	106	-221	-155
149	246	220	90	-139	-31	273	146	-97	140	352	189	-78	-341	-277	99	353	101	-531	-678
-121	167	-37	-286	-423	-403	-244	-326	-461	-133	49	-54	-165	-115	175	322	122	88	59	92
130	140	197	404	518	339	-169	-551	-286	269	358	-123	-524	-201	329	266	57	-23	24	208
298	2	-327	-167	-199	-350	-377	-206	-10	295	249	-223	-405	-75	222	124	147	-131	-457	-458
-106	-70	-175	54	268	111	-146	-111	65	218	99	-172	-449	-389	-98	-19	10	27	134	147
138	-52	-38	34	252	403	212	-7	-118	33	160	-27	-199	-200	-74	111	129	-145	-325	-156
4	156	173	275	200	50	202	260	67	-236	-192	-133	6	188	-31	-219	-183	44	275	282
-165	-430	-39	369	144	-48	-18	-111	-140	163	88	-203	-353	-317	-330	-215	0	-17	-115	98
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-204	20	23	-87	-40	82	211	333	300	24	-250	-45	55	-46	-463	-360	-173	280	574	641
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17	152	-3	-242	-338	-319	-264	-250	-103	-11	-77	-203	193	187	-29	-112	-135	55	-52	-214
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-321	-320	-111	-65	-95	-260	-299	-510	-585	-590	-562	-185	196	46	-32	-8	112	139	93	231
274	178	117	-2	103	112	-40	10	103	109	129	156	127	75	-44	-125	-111	77	118	46
21	132	289	343	425	162	102	242	490	596	488	20	-184	-203	-234	-288	-174	-157	-278	-578
-476	-336	-97	-198	-97	-271	-103	-131	-81	-81	-57	57	276	202	173	192	538	798	625	253
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291	228	193	212	236	201	101	-22	-86	-135	-185	-216	-356	-333	-170	55	34	-119	-355	-348
-237	-133	-122	-84	-194	-193	-197	-90	56	37	-36	-75	-70	-25	-62	62	106	93	87	65
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-215	-197	-29	66	48	14	-75	-145	-113	-117	-135	-98	18	41	-37	-68	-51	-43	-54	-64
-69	-61	-13	43	115	213	181	15	-69	-27	-3	85	178	174	95	113	228	272	207	83
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35	52	-24	-101	-107	-12	6	-116	-271	-278	-145	96	232	138	26	1	105	190	239	278
286	221	97	80	45	26	-17	-48	50	151	135	51	10	-36	-55	-28	-17	-62	-84	-58

-17	-6	-1	-48	-88	-132	-154	-197	-223	-220	-178	-147	-74	-43	-31	-70	-117	-179	-216	-243
-193	-222	-259	-195	-64	34	87	46	-10	-86	-142	-163	-136	-58	4	127	130	99	95	168
214	166	190	204	199	187	94	98	112	178	251	106	54	78	87	-11	-98	-112	-130	-76
37	20	-69	-148	-156	-51	-16	-95	-119	-124	-114	-127	-152	-158	-38	72	135	108	17	-76
-83	-81	-105	-85	-19	-20	-58	-65	12	102	147	146	100	73	88	121	62	-33	-38	10
47	32	-10	-13	101	165	118	64	103	144	149	89	0	-30	-8	66	147	137	45	19
46	4	-9	31	55	1	-101	-149	-137	-83	-14	31	-46	-115	-134	-113	-70	-105	-174	-294
-282	-244	-166	-66	-11	-12	-15	-7	0	-12	-34	-53	-18	-99	-27	38	97	161	162	148
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28	88	118	100	14	-1	19	54	1	-107	-169	-133	-33	16	-37	-130	-162	-113	-48	-69
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53	27	-8	-52	-57	-87	-149	-160	-111	-71	-55	-37	-34	-17	18	23	-24	-71	-92	-3
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-96	-89	-50	40	108	134	128	122	151	188	187	188	183	152	106	102	112	116	122	118
88	48	9	-13	-31	-48	-101	-117	-80	-66	-64	-50	-46	-49	-58	-98	-185	-186	-84	2
38	42	55	61	72	96	98	72	59	77	83	76	73	63	49	32	13	-1	-10	-15
-20	-26	-38	-22	45	58	38	26	40	112	192	189	151	108	70	53	30	-5	-35	-44
-36	-17	-13	-20	-25	-24	-9	41	35	-3	-13	3	13	-10	-47	-68	-60	-24	11	6
4	-8	-23	-33	-27	-24	-22	-26	-44	-65	-51	-44	-51	-71	-81	-79	-63	-55	-87	-103
-108	-126	-136	-119	-99	-89	-85	-85	-88	-85	-65	-19	2	-10	-19	-1	18	9	6	29
79	107	105	86	43	19	26	50	24	-8	-7	-7	-8	-8	-6	3	4	-12	-58	-37
45	90	60	25	27	38	37	20	-25	-43	32	73	39	12	12	25	48	65	64	58
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31	28	19	-16	-43	-9	44	76	45	0	-32	-42	-54	-85	-102	-87	-54	-9	22	13
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-49	-37	-59	-63	-38	8	21	4	-38	-61	-47	-32	-41	-58	-83	-106	-93	-80	-52	-23
-3	10	22	32	27	-1	-11	-7	-10	1	36	32	11	11	24	21	-1	-6	0	-1
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19	24	11	-4	0	19	10	-17	-30	-14	9	30	31	0	-7	37	73	52	6	-37
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17	82	72	-1	-46	-36	2	12	-1	-8	-5	-5	-18	-2	7	27	70	89	38	-17
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4	11	33	55	24	-25	-41	-34	-33	-42	-52	-47	-18	11	40	32	16	9	1	-11
-26	-31	-24	9	50	57	33	18	18	22	21	-10	-40	-45	-24	9	12	-12	-26	1
18	-1	-4	-6	-14	-21	-11	13	26	42	53	51	64	76	50	17	-5	-5	14	33
51	28	13	7	10	5	-5	-13	-21	-9	-1	-20	-36	-36	-19	-13	-24	-47	-48	-6
38	26	-8	-36	-31	7	23	-7	-38	-37	-13	6	2	-4	0	13	16	20	14	1
-13	-13	5	-7	-45	-33	46	81	40	9	1	19	50	18	-49	-66	-37	-11	-1	-25
-34	-10	54	52	-10	-69	-41	10	-13	-60	-96	-100	-33	20	16	-30	-5	29	33	15
-18	-51	-65	-34	-3	-5	22	35	34	39	57	21	-34	-27	-15	-16	-15	-16	-25	-8
1	-6	-15	-4	29	50	34	14	-9	-34	-39	-6	21	5	9	21	23	19	17	26
3	-38	-61	-42	10	43	47	37	-11	-38	-34	2	17	-4	-21	-5	-2	-34	-42	-16
-21	-21	11	22	15	11	19	22	26	55	66	87	96	37	-10	-27	-24	-16	-4	15
52	43	1	-5	40	66	66	61	55	40	21	-12	-32	-29	0	24	-2	-3	-6	-19
-49	-57	-37	-3	50	36	17	-5	-9	17	28	9	-6	-16	-41	-69	-55	-26	22	47
47	40	30	36	72	97	41	-38	-34	-6	-18	-34	-48	-74	-71	-32	-2	15	44	45
48	56	44	20	9	-3	-21	-38	-70	-68	-37	-26	-45	-54	-54	-45	-9	24	37	45
49	47	33	-3	-53	-60	-38	-24	-10	-15	-59	-67	-28	2	11	9	3	-12	-5	11
2	-12	-20	-30	-30	10	20	17	16	24	42	-8	-14	-18	-23	-41	-45	-28	-25	-3
32	43	37	10	-15	-23	-8	5	-2	0	3	24	-21	-35	-46	-38	-28	-27	-12	26
56	63	52	30	22	36	37	29	13	-2	-4	9	-21	21	24	34	47	56	54	48
44	32	11	-11	-21	-20	-23	-26	-23	-20	-18	-20	-23	-22	-22	-36	-47	-48	-50	-40

-40	-58	-67	-52	-39	-25	6	-3	-24	-30	-19	10	40	51	51	39	26	30	38	37
12	-1	8	7	-1	6	25	21	10	10	12	4	5	17	26	22	18	25	22	22

IIR246 71.192.

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

EPICENTER 34 24 00N, 118 23 42W
 COMP SOUT 34 05 50N, 118 19 52W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

6464 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CAL.

STATION NO. 235 DAMPING = 0.592

ACLN = -116.0 CM/SEC AT 9.16 SEC
 VELO = -16.7 CM/SEC AT 10.42 SEC
 DISP = 8.3 CM AT 9.12 SEC

PEAK VALS

INITIAL VELO = 0.30233 CM/SEC
 INITIAL DISP = -0.40285 CM

2177 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-15	-14	-35	-15	-5	17	24	44	9	-33	-11	-9	-25	5	33	24	51	73	36	37
2	-77	-86	-93	-13	30	18	45	13	-35	22	42	-4	-22	-75	-66	-11	21	16	-25
4	13	-3	29	-19	19	4	40	18	-15	-4	14	8	-8	37	67	5	-23	4	33
-6	-51	-26	-26	25	19	41	36	-6	-83	-41	-28	35	49	41	20	-5	30	86	-12
-35	-78	-71	-17	59	54	94	34	-75	-124	-83	-37	-47	27	67	49	75	-23	-30	-37
-73	-49	7	-50	4	-1	-18	-23	65	120	76	-10	-3	33	90	78	-2	27	49	15
40	91	72	5	2	53	-69	-59	-50	-63	-83	-25	21	-7	-33	-51	-49	38	14	52
140	147	21	9	-14	18	9	53	29	-7	-73	-32	-19	-14	-36	-46	-169	-128	-51	21
3	-26	5	91	-21	-100	-82	-7	-101	-108	-77	-17	-66	-32	21	24	-86	-92	-41	-24
3	32	-83	-123	-123	-78	-95	-2	-47	-110	-35	-63	-69	-18	26	69	81	70	88	79
44	-5	-14	116	97	20	33	75	-32	-10	-1	-16	-3	1	2	63	-8	21	52	23
62	18	-144	-135	-12	29	-48	-114	-111	-149	-149	-166	-48	-5	-36	-118	-164	-139	-105	-152
16	42	42	-78	-124	-94	-42	80	141	114	32	42	110	118	79	71	-18	-156	-262	-256
-328	-121	-75	-26	62	261	244	268	128	-99	-194	75	291	481	468	427	186	-119	-196	-135
-332	-318	81	180	306	385	-210	-615	-545	-306	130	539	573	463	260	54	66	-93	-161	60
-241	-245	5	196	21	-146	-4	231	284	326	424	427	290	97	-239	-402	-247	56	184	60
-119	-69	-112	-156	-148	-207	-116	203	414	621	651	485	192	177	202	97	63	-133	-314	-409
-465	-423	-336	-229	-313	-257	-219	-210	86	241	116	264	449	577	479	129	-291	-467	-408	-191
-107	-110	-59	141	241	239	318	331	100	-74	-57	191	257	192	88	53	-287	-311	-173	35
406	754	650	286	126	83	238	453	332	44	148	397	227	-133	-228	85	378	542	566	356
-44	-432	-816	-1072	-907	-744	-673	-671	-780	-720	-369	66	423	354	193	244	238	-66	-375	-320
-144	-246	-299	-148	87	432	701	454	14	-48	64	32	184	407	451	236	-197	-371	-202	54
135	244	414	456	356	119	-119	-277	-540	-836	-808	-641	-525	-252	-42	8	-160	-698	-1160	-1095
-785	-447	-326	-249	-110	97	320	360	347	113	-216	-317	-277	-331	-158	19	-122	-377	-429	-144
132	74	30	181	321	297	369	383	269	279	173	-175	-245	-85	23	38	57	-46	-268	-293
-113	101	157	62	-170	-374	-479	-387	-82	192	261	-124	-520	-659	-686	-585	-265	-63	-126	-136
-51	19	109	352	662	880	925	948	961	1006	947	790	573	384	186	25	-92	-123	-105	-48
9	59	131	110	-77	-61	67	-46	-118	-48	11	43	62	7	-148	-236	-188	-11	131	39
-79	7	109	178	278	517	663	644	483	341	229	203	213	35	-92	-59	-49	-81	-110	-140
-214	-257	-232	-178	-113	-69	-32	-49	-89	-206	-289	-258	3	232	445	596	598	626	471	83
-77	-97	-100	-168	-361	-449	-385	-425	-581	-660	-607	-485	-351	-255	-100	73	81	42	82	206
349	470	446	323	213	157	163	174	253	308	289	144	87	2	-131	-149	-19	31	50	114
229	270	409	554	593	511	384	134	-212	-460	-541	-570	-598	-580	-471	-244	-51	41	77	56
-19	-65	-161	-130	-40	-75	-240	-333	-387	-315	-193	-48	38	10	-53	-52	-60	-93	-126	-150
-197	-296	-335	-258	-149	-31	-12	-112	-250	-358	-320	-108	61	153	192	206	149	71	-17	-118
-155	-118	39	163	224	289	381	410	405	298	62	-171	-218	-161	-92	-83	-88	-154	-247	-331
-395	-486	-630	-647	-518	-385	-345	-266	-98	-5	-2	8	63	108	119	159	262	332	366	498
615	630	583	538	457	386	303	256	280	300	335	329	297	268	307	324	226	132	103	110
144	184	151	43	-52	-62	-111	-198	-224	-174	-97	-64	-95	-111	-104	-116	-141	-158	-192	-216
-165	-87	-35	47	117	178	221	207	141	124	127	127	22	-202	-388	-422	-387	-313	-222	-165
-92	-45	-60	-96	-145	-194	-175	-127	-150	-186	-222	-194	-134	-46	20	19	-6	-36	-60	-113
-220	-255	-166	-69	22	16	-64	-82	-95	-154	-261	-337	-331	-265	-158	-57	-9	12	73	90
43	7	23	21	-2	-30	-1	91	148	193	254	270	195	109	83	95	73	48	36	61
145	231	284	266	207	166	139	167	232	266	213	86	30	66	118	103	39	1	28	101

127	93	49	19	-10	-72	-98	-43	95	149	162	184	178	117	27	-12	-8	-31	-113	-177
-157	-48	88	187	217	186	127	33	-103	-230	-289	-307	-325	-373	-371	-271	-207	-188	-119	19
91	68	28	-53	-53	-126	-85	-37	-52	-86	-100	-54	16	67	90	84	67	55	52	42
-18	-67	-90	-102	-138	-152	-95	12	66	64	4	-55	-32	30	100	165	203	216	216	180
151	107	66	51	-9	-89	-125	-115	-64	-23	39	83	62	4	-119	-201	-202	-175	-127	-20
69	86	92	90	66	39	0	-2	43	60	47	65	60	22	-7	0	5	33	87	158
194	179	107	52	25	-9	-47	-74	-92	-90	11	144	173	118	68	28	-16	-69	-81	-92
-92	-87	-134	-215	-229	-207	-133	-60	-15	7	15	-10	-58	-60	12	21	-5	-37	-60	-106
-104	-57	-7	-21	-76	-43	2	29	51	51	31	40	41	-28	-74	12	67	91	98	104
80	53	70	110	125	-99	100	116	101	85	114	135	102	37	-17	-19	-18	3	63	114
100	51	27	-22	-63	-63	-101	-185	-236	-245	-185	-100	-98	-131	-127	-83	-1	117	173	165
156	200	219	139	44	-2	-24	-23	-24	-24	-19	4	40	58	45	13	-62	-120	-129	-112
-60	-2	32	43	53	13	-90	-138	-122	-102	-62	-42	-82	-111	-111	-94	-63	-17	1	-6
-9	-13	-34	-59	-47	-65	-106	-150	-136	-85	-65	-71	-63	34	130	150	131	132	145	122
101	44	-30	-42	-42	-50	-50	20	83	96	108	98	62	14	-5	9	33	71	87	76
78	83	56	3	-52	-65	-67	-87	-102	-54	-41	-81	-107	-125	-145	-144	-96	-43	-16	4
24	15	-19	-26	30	64	45	-13	-75	-70	-40	-10	11	31	48	70	71	66	79	142
179	180	175	153	128	123	129	119	61	-14	-42	-17	29	38	-1	-38	-40	-12	20	24
18	22	32	-8	-50	-84	-104	-104	-58	17	58	67	56	1	-74	-63	-49	-43	-57	-82
-91	-66	-36	21	74	105	97	75	17	-32	-60	-86	-109	-143	-193	-200	-148	-96	-54	-34
-18	26	39	5	-50	-101	-102	-69	-13	27	47	80	73	50	16	-18	-53	-81	-91	-93
-89	-82	-30	16	48	37	15	17	22	11	-33	-75	-78	-74	-75	-76	-26	13	-18	-71
-73	-30	30	62	64	34	5	37	68	98	110	115	105	107	117	113	106	102	75	55
31	39	76	122	148	145	125	78	25	-9	-38	-33	-25	-52	-69	-26	27	55	66	62
-14	-58	-34	-16	-25	-25	4	29	26	15	39	71	44	-1	-36	-70	-100	-120	-112	-41
17	54	51	5	-31	-40	-25	-23	-14	2	-8	-14	-9	2	2	0	20	54	55	33
20	10	-4	-24	-49	-70	-73	-63	-49	-41	-22	-2	14	27	50	57	57	64	64	64
55	44	55	50	30	8	-4	-3	-8	-6	2	9	14	17	29	58	66	35	5	8
-5	-37	-43	-20	-33	-61	-49	-28	-8	3	-10	-43	-64	-82	-86	-79	-60	-29	2	8
-24	-57	-84	-65	-30	11	58	83	72	57	63	58	22	-3	-9	-7	13	17	35	64
67	50	26	24	22	1	2	3	-19	-48	-52	-47	-30	3	46	49	26	-3	-7	-3
-1	-3	-21	-27	-13	1	8	4	1	16	40	47	60	30	11	-10	-47	-70	-72	-53
-40	-22	-2	15	16	12	6	8	7	1	-21	-47	-63	-78	-84	-73	-54	-36	-20	-16
-25	-41	-63	-83	-90	-99	-94	-74	-28	11	30	26	9	11	24	25	1	-25	-39	-45
-41	-27	-13	-4	16	25	12	-5	-20	-16	-10	-10	-11	-18	-16	-18	-10	-3	9	31
53	61	74	60	37	10	-17	-22	-7	9	13	-6	-3	9	24	36	20	-5	-14	-9
-19	-31	-42	-51	-40	-22	18	52	50	25	3	5	15	18	23	42	51	51	57	68
73	69	70	58	53	48	49	49	39	40	75	116	135	140	158	156	134	109	91	52
21	14	4	-24	-51	-88	-99	-114	-138	-148	-138	-112	-78	-36	-9	15	36	45	16	-11
-40	-54	-52	-47	-40	-47	-58	-71	-80	-81	-76	-68	-55	-49	-41	-31	-52	-69	-72	-64
-64	-72	-67	-46	-52	-60	-53	-57	-75	-81	-79	-59	-15	4	10	26	49	44	29	23
32	27	7	-2	13	28	33	43	52	71	97	96	68	19	-3	-2	1	1	-1	-13
-30	-22	15	55	79	72	85	122	130	64	-6	-21	80	-26	-18	20	39	11	-1	-5
-20	-21	-26	-15	31	63	68	69	52	3	-41	-76	-95	-98	-92	-63	-55	-51	-20	38
64	85	118	93	60	34	26	51	90	103	85	77	84	67	60	48	59	99	88	56
32	3	-32	-46	-32	-7	-20	-38	-34	-12	24	38	35	18	20	22	-14	-52	-60	-41
4	24	-13	-54	-28	2	0	-4	15	23	11	9	10	-18	-36	-35	-49	-59	-53	-56
-40	-24	-34	-58	-27	-7	-21	-34	-13	-6	-22	-40	-71	-71	-71	-40	-9	18	37	18
1	-6	-33	-69	-93	-108	-91	-57	-27	9	33	59	61	41	22	9	-3	-23	-30	-15
-3	-18	-28	-22	24	80	110	93	78	84	87	77	76	68	43	28	25	19	12	-13
-28	-18	-8	-22	-48	-71	-65	-46	-34	-21	14	9	-9	-13	0	8	-5	-19	-23	-22
-25	-23	-26	-31	-40	-36	-24	-14	-29	-35	-22	-14	-16	-19	-23	-27	-31	-38	-34	-48
-32	-12	8	30	38	42	27	13	6	7	1	-5	-11	-8	0	23	15	-11	-19	-1
7	4	0	1	15	14	25	28	51	13	-28	-55	-68	-59	-34	-25	-38	-31	-56	-82
-61	-35	-10	17	32	17	-14	-40	-62	-60	-33	2	25	43	63	68	65	63	61	51

38	46	48	27	-5	-17	-17	-3	2	-6	10	21	14	18	45	54	59	33	9	11
19	21	9	-13	-7	0	-5	-4	2	-4	-4	10	11	8	11	17	32	48	62	71
66	48	24	-5	-25	-22	-29	-33	-27	-8	21	32	36	21	7	3	-1	-18	-22	-13
0	-3	-11	-16	-23	-41	-27	-16	-19	-21	-22	-32	-34	-25	-14	3	22	26	29	38
37	37	35	25	17	17	15	14	17	4	-15	-30	-40	-32	-28	-24	-18	-21	-32	-18
-5	-18	-30	-21	-28	-48	-58	-41	-25	-31	-14	7	5	-10	-21	-29	-16	-4	8	26
26	31	20	8	8	17	32	32	12	25	37	26	9	-1	4	10	21	28	48	63
61	66	65	54	39	21	6	-4	-31	-39	-26	-27	-22	-13	2	21	29	15	2	16
22	6	-4	-17	-28	-32	-31	-27	-26	-23	-11	-3	7	-3	-19	-31	-44	43	2	55
-67	-70	-65	-55	-39	-29	-29	-30	-34	-41	-46	-44	-43	-34	-9	8	18		-44	

IIR246 71.192. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 235 6464 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CAL. COMP EAST 34 05 50N, 118 19 52W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -107.0 CM/SEC/SEC AT 6.66 SEC VELO = -18.3 CM/SEC AT 11.22 SEC DISP = -10.5 CM AT 12.38 SEC

2178 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 0.69164 CM/SEC INITIAL DISP = -0.62829 CM

-5	-10	1	11	17	-13	-14	-11	-10	-3	4	20	9	-1	-1	18	-7	3	41	0	-4
-8	-43	-28	-46	14	43	-3	16	-9	37	43	34	-1	-38	-29	-38	-26	-13	15	-12	-36
-58	1	31	58	-1	8	13	4	50	-51	2	-36	-1	-10	6	-10	49	23	-43	-39	-41
-33	-16	-56	-68	-19	13	79	32	3	31	-44	-33	-40	-33	10	1	1	36	130	97	41
-75	-106	-88	-51	-22	26	20	66	-18	-69	-67	-111	-42	-17	-16	-17	31	21	36	15	8
-5	-7	-64	-122	-78	45	57	74	75	91	18	-30	-25	15	7	27	29	-5	-8	-45	-45
-37	11	-40	-20	-27	15	37	48	61	-16	12	-4	28	-10	18	-10	-1	15	80	59	-18
-15	-99	-62	-20	56	58	36	-11	-38	-98	-85	-3	26	-16	-69	-18	-18	20	3	-19	-18
-7	-52	-26	-41	-13	1	33	59	32	-62	-37	-22	27	66	17	-61	-64	-73	-60	-11	-11
37	73	5	-34	-51	-105	-100	-40	-12	-58	-55	-66	-51	38	101	107	12	-18	-51	34	34
20	31	46	17	21	-9	6	-44	-69	-21	59	14	43	60	59	-122	-164	-115	-21	-68	-68
19	9	24	8	18	1	-19	-48	-52	-22	63	84	27	-16	-54	13	71	90	42	-47	-47
-135	-64	-88	-32	-147	-125	-187	-103	-63	-97	-137	-245	-251	-212	27	111	165	138	73	32	32
101	120	133	120	301	533	744	765	740	460	175	120	146	-13	-151	-287	-303	-224	-102	-166	-166
-379	-578	-499	-316	-258	-132	-235	-194	-16	118	153	-126	-374	-312	-103	302	538	477	251	300	300
378	311	102	-132	-65	37	214	485	410	268	348	409	210	-172	-348	-433	-410	-284	-69	-61	-61
-280	-431	-363	-33	21	-104	217	391	253	182	-5	-447	-979	-1070	-935	-883	-656	-142	378	484	484
486	268	-75	12	188	237	156	100	253	425	505	476	134	-558	-928	-554	64	485	760	826	826
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-507	-741	-870	-758	-418	-43	100	19	-239	-494	-560	-553	-555	-357	-191	-380	-595	-632	-558	-388	-388
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519	307	148	88	-5	-85	-118	-109	20	184	286	300	319	345	304	203	202	337	451	568	568
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-656	-701	-658	-593	-553	-542	-440	-247	-152	-92	-33	7	33	16	-51	-164	-245	-259	-261	-238	-238
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544	495	385	242	151	139	184	224	244	174	23	-77	-36	113	297	345	229	131	89	110	110
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-81	-59	-58	-74	-95	-130	-174	-179	-137	-83	-32	-4	-2	-17	-28	-39	-57	-62	-65	-44
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IIR246 71.192.
STATION NO. 235
INSTR PERIOD = 0.030 SEC DAMPING = 0.592
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
6464 SUNSET BOULEVARD, BASEMENT, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP UP 34 05 50N, 118 19 52W

PEAK VALS ACCLN = -74.2 CM/SEC/SEC AT 7.76 SEC VELO = 7.1 CM/SEC AT 13.16 SEC DISP = 2.0 CM AT 14.02 SEC

INITIAL VELO = 0.33012 CM/SEC INITIAL DISP = -0.06504 CM

2178 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-213	-137	-26	-57	50	176	78	-46	-110	-70	-45	-33	113	133	-43	39	69	-91	74	84
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-14	-111	144	110	-56	-136	159	49	-236	153	79	-154	43	162	121	110	-115	-193	-275	
-15	54	53	163	-34	-113	-3	76	-18	107	264	25	-46	138	-121	-278	-60	117	27	49
120	-170	-131	96	-52	12	203	-164	-221	-109	-44	29	162	196	-3	-68	-92	-191	-100	-19
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-64	-199	-126	113	274	-2	-40	-16	-266	-217	111	165	167	187	-149	-448	-142	32	170	293
121	-168	-151	-137	-140	-37	166	9	-259	-145	-57	-43	1	-54	-154	-91	21	-20	213	160
-303	-267	-44	-146	-129	232	373	7	62	184	-232	-144	219	162	135	129	-55	-134	-198	27
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560	-81	-209	279	89	-67	106	-210	-383	94	91	-129	138	117	-203	-177	-28	-70	-155	96
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-294	-367	-342	-299	9	-2	-115	79	345	47	-352	-354	-373	-499	-182	119	125	119	129	207
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255	-76	-335	-294	-421	-416	-80	76	-259	-314	41	-46	-258	-89	4	-178	-175	18	346	503
574	477	206	177	182	145	177	249	50	-284	-295	45	241	240	62	-187	-146	115	181	57
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-283	-197	-109	-46	-206	-216	-67	-86	-132	-36	47	33	48	136	101	59	179	120	-14	69
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87	107	127	157	188	206	213	212	199	174	138	110	88	71	48	38	38	34	36	45
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33	34	40	43	47	50	56	74	79	73	64	51	45	37	25	8	-1			

IR247 71.193. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 237 6464 SUNSET BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL. COMP EAST 34 05 50N, 118 19 52W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 248.1 CM/SEC/SEC AT 10.08 SEC VELO = -55.5 CM/SEC AT 11.78 SEC DISP = -25.9 CM AT 12.46 SEC

INITIAL VELO = -0.35494 CM/SEC INITIAL DISP = -0.39785 CM
2137 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

21	25	37	28	15	-1	-16	-10	33	66	74	78	51	-3	-52	-75	-52	-16	44	82
94	70	15	-20	-43	-62	-44	-18	27	51	70	67	26	-3	-26	-37	-46	-20	4	37
61	46	7	-32	-43	-56	-58	-38	-56	-27	36	76	115	122	51	-39	-66	-67	-55	-33
32	55	40	24	-14	-53	-53	-35	26	75	83	74	56	-3	-50	-58	-28	-9	1	-16
-24	-43	-59	-45	-41	-77	-80	-60	-27	-1	24	53	33	33	11	-10	-29	-19	9	48
71	47	8	-24	-26	-26	-31	-8	-6	-42	-85	-110	-95	-63	-22	15	8	-19	-45	-39
-34	-6	26	44	19	-24	-45	-21	18	52	75	70	42	29	22	62	75	80	78	43
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158	133	92	80	74	73	50	74	77	93	100	97	103	119	104	21	-65	-94	-112	-107
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-74	-186	-232	-266	-373	-526	-696	-784	-914	-833	-769	-674	-465	-341	-302	-271	-258	-230	-96	68
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-740	-707	-720	-764	-822	-805	-803	-838	-866	-895	-887	-825	-712	-593	-545	-560	-554	-523	-566	-607
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-793	-847	-891	-899	-844	-761	-735	-679	-745	-750	-681	-629	-601	-552	-519	-464	-426	-399	-472	-585
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153	256	289	255	225	221	250	281	346	431	544	600	473	528	526	486	502	361	341	240
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517	566	605	656	693	721	721	695	618	544	487	439	403	414	450	526	618	722	814	902
1002	1074	1085	1059	961	854	747	663	586	517	429	357	300	258	217	168	111	80	33	8
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-73	-63	-50	-40	-31	-18	-2	18	34	39	25	2	-25	-48	-66	-82	-97	-107	-118	-130
-153	-180	-217	-250	-278	-297	-300	-275	-234	-197	-174	-160	-138	-119	-118	-126	-141	-164	-176	-185
-175	-154	-140	-121	-95	-71	-38	6	40	71	103	127	137	145	147	153	148	134	114	85
70	45	19	2	-18	-35	-22	2	38	56	74	80	91	101	114	137	152	163	176	183
179	168	155	134	115	104	97	106	129	136	144	144	127	114	97	95	102	101	96	92
87	82	71	63	53	44	28	17	0	-19	-20	-19	-44	-44	-47	-57	-63	-67	-74	-77

-68	-55	-44	-27	-14	-8	-4	-6	0	12	11	9	-4	-22	-35	-47	-68	-93	-116	-145
-174	-194	-210	-207	-191	-184	-172	-161	-162	-164	-152	-155	-138	-117	-102	-102	-106	-104	-99	-102
-104	-93	-80	-69	-61	-46	-31	-20	-9	-1	0	-13	-30	-36	-43	-44	-37	-26	-12	5
15	30	43	58	77	92	99	110	122	125	126	125	125	123	115	112	102	90	72	53
37	21	19	36	51	67	83	85	86	86	85	74	65	55	46	34	34	25	18	13
11	19	19	16	15	7	5	0	4	14	25	41	47	49	56	58	59	60	56	48
40	26	17	4	1	-3	3	4	-1	-3	-17	-36	-56	-74	-93	-100	-103	-100	-83	-73
-73	-79	-89	-102	-120	-126	-126	-112	-81	-61	-38	-17	-4	15	17	21	13			

IIR247 71.193. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 237 6464 SUNSET BOULEVARD, 12TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592

PEAK VALS ACCLN = -264.1 CM/SEC/SEC AT 8.04 SEC VELO = -13.0 CM/SEC AT 8.28 SEC DISP = 2.2 CM AT 6.84 SEC

2137 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = -2.67327 CM/SEC INITIAL DISP = 0.56167 CM

426	624	531	195	-300	-736	-889	-473	178	691	933	798	316	-231	-633	-723	-514	-111	313	531
590	583	373	51	-316	-682	-876	-792	-345	330	900	1122	845	-219	-453	-762	-665	-438	-219	-57
85	351	718	875	613	47	-533	-964	-920	-379	241	608	811	797	437	-9	-336	-542	-591	-301
54	230	266	267	58	-193	-201	-50	78	116	7	-16	30	176	288	312	197	-151	-485	-530
-428	-159	226	596	696	478	104	-326	-645	-586	-275	6	155	160	180	250	323	330	201	20
-404	-802	-878	-491	164	830	1210	1084	267	-608	-1152	-1127	-466	425	1023	938	310	-231	-421	-205
227	472	224	-387	-802	-625	-69	537	829	738	260	-337	-783	-971	-660	10	735	1008	622	-79
-656	-846	-507	190	747	723	147	-461	-719	-436	21	329	234	-121	-451	-431	-72	384	562	320
-274	-655	-573	-33	415	391	-9	-407	-540	-213	451	1061	1051	338	-424	-945	-1118	-667	234	1024
1179	618	-158	-696	-833	-431	-115	13	1	-72	20	302	602	593	221	-423	-911	-1015	-487	361
1182	1490	883	-229	-1057	-1378	-1180	-516	296	929	1094	757	169	-342	-536	-405	-261	-183	3	290
454	524	639	649	498	124	-476	-1019	-1136	-766	-102	505	874	636	114	-146	-137	-128	-261	-599
-816	-615	26	704	1190	1342	915	67	-725	-1147	-1238	-654	355	1145	1276	725	-225	-1155	-1373	-792
41	594	455	-55	-240	152	708	915	615	0	-700	-1067	-691	238	873	908	404	-300	-955	-1201
-790	41	998	1810	1718	672	-555	-1194	-1797	-1601	-922	-113	435	1095	1575	1429	623	-426	-1375	-1860
-1396	-383	638	1586	1559	852	116	-294	-555	-749	-826	-854	-469	214	866	1261	1358	788	-14	-1123
-1756	-1525	-654	187	935	1156	998	673	284	-278	-823	-1202	-1145	-784	-316	416	1126	1524	1389	827
-446	-1705	-2450	-2114	-901	440	1541	1697	1277	575	-47	-502	-731	-929	-1043	-879	-612	-302	39	348
922	1513	1513	727	-221	-1176	-1328	-1307	-827	41	881	1238	1287	1220	820	53	-795	-1403	-1735	-1393
-497	488	1303	1856	1842	1283	391	-324	-744	-1292	-1209	-1021	-939	-974	-225	863	1926	2205	1714	512
-782	-2240	-2641	-1892	-705	857	2285	2404	1096	-637	-1990	-2372	-2020	-1235	-314	349	918	1195	999	663
262	-316	-775	-1097	-1142	-434	858	1860	2278	1992	873	-384	-1342	-2012	-1537	-436	839	1809	1791	686
-425	-1116	-1019	-367	236	322	87	27	320	894	1293	1305	440	-530	-1355	-1394	-780	192	992	1365
935	-74	-1038	-1618	-1322	-656	181	707	746	204	-453	-543	-291	2	136	12	-280	-417	-241	160
551	819	887	840	837	576	214	-77	-360	-587	-586	-336	26	375	495	212	-75	-178	-117	56
52	-159	-449	-399	-207	78	163	-74	-333	-411	-152	145	487	620	678	405	-38	-439	-754	-898
-607	-120	413	667	519	121	-100	-298	-358	-422	-638	-828	-562	76	709	1111	1107	811	237	-344
-747	-1041	-954	-674	-296	111	370	416	342	262	274	145	-172	-590	-834	-748	-457	226	628	631
717	756	416	95	29	-261	-634	-685	-157	661	1399	1740	1436	539	-667	-1331	-1407	-1013	-386	133
460	526	351	45	-278	-517	-593	-471	-273	-197	-212	-118	184	453	746	552	58	-260	-414	-464
-163	223	449	528	532	481	187	-108	-451	-679	-731	-581	-340	-109	215	443	555	386	96	-181
-374	-410	-110	114	311	511	520	288	-20	-385	-533	-532	-65	332	619	777	670	401	153	-89
-307	-382	-334	-99	261	588	676	549	186	-196	-514	-295	107	343	622	591	230	-121	-466	-581
-467	-321	-218	-206	-289	-395	-456	-423	-345	-216	-132	-163	-233	-277	-157	81	334	377	145	-188
-375	-267	-33	224	411	614	519	613	472	-15	-189	-217	-345	-247	-74	-124	-176	-123	-33	-52
156	26	-228	-286	-128	-192	-90	102	155	-9	-234	-311	-349	-213	-7	115	88	-78	-312	-488
-343	26	264	450	406	0	-465	-710	-657	-262	169	446	471	509	455	343	10	-88	-168	-214
23	320	448	596	693	668	609	311	1	-193	-296	-384	-327	-154	164	461	668	586	371	116
-466	-801	-844	-755	-531	-6	396	526	467	244	-111	-370	-803	-875	-369	18	196	125	381	397
176	-150	-306	-502	-545	-410	-154	181	462	600	545	412	235	115	164	273	184	88	-169	-256
-142	262	701	763	513	47	-369	-636	-610	-342	-165	-34	73	46	-87	-43	-72	-111	-79	-71
-102	-128	-141	-72	86	252	331	216	-33	-335	-537	-519	-273	67	329	391	199	-97	-269	-337
-75	58	85	71	-107	-261	-164	-18	172	320	377	258	49	-217	-405	-400	-118	232	474	577
485	241	-87	-361	-450	-305	-62	146	212	187	140	39	-96	-276	-350	-341	-255	-107	109	120

28	-47	-198	-232	-181	-161	-194	-136	-121	-137	-93	-56	-34	1	49	48	43	77	91	38
-17	-42	-42	-16	46	84	178	279	300	320	243	149	26	-33	-21	45	129	222	305	400
458	372	211	56	-53	-121	-109	-22	21	21	-25	-100	-214	-216	-197	-142	-92	-48	-14	52
137	136	9	-132	-284	-435	-422	-221	48	239	270	183	76	10	-6	23	19	-81	-196	-216
-159	-29	145	296	283	164	19	-91	-210	-238	-159	-39	70	120	131	114	51	17	-31	-110
-180	-151	-109	-54	-31	-43	-136	-167	-123	-43	22	110	140	88	-24	-102	-123	-78	0	49
124	171	144	49	-47	-130	-158	-78	73	168	264	270	164	2	-106	-149	-139	-90	-39	8
31	10	-11	-5	37	66	71	44	4	-7	-22	1	81	67	152	252	264	167	126	108
96	104	134	73	7	61	170	326	424	380	192	-13	-112	-156	-159	-135	-42	-5	9	-11
-32	-81	-103	-120	-131	-200	-149	-119	-189	-135	-70	-66	-100	-80	-143	-163	-114	-8	15	7
-31	-96	-143	-125	-81	-21	51	89	62	-10	-108	-81	-22	23	55	0	-150	-261	-289	-213
-61	59	97	57	-18	-120	-154	-81	59	99	56	-27	-100	-66	54	183	213	146	-4	-123
-154	-52	67	121	98	12	-88	-142	-115	-47	41	82	83	71	11	-27	1	47	83	127
165	99	86	84	22	34	84	69	48	66	40	40	81	138	176	160	71	-23	-69	-67
-31	41	115	147	122	20	-119	-223	-241	-114	68	169	135	46	48	-114	-142	-57	35	-84
-94	-132	-169	-175	37	193	249	161	-29	-245	-391	-341	-175	57	188	223	160	44	-72	-143
-192	-256	-278	-213	-96	62	191	236	215	64	-129	-239	-358	-320	-83	178	260	263	142	-63
-205	-118	23	97	120	63	4	18	64	169	234	193	72	-11	-28	-26	22	73	72	49
66	89	121	109	56	-55	-100	-105	-56	42	98	87	75	52	1	-73	-102	-130	-140	-110
-17	81	130	112	36	-97	-198	-222	-186	-111	-27	32	32	-33	-94	-115	-124	-123	-91	-65
-61	-65	-77	-80	-44	37	123	174	154	43	-88	-176	-210	-129	7	110	172	179	139	60
-2	-44	-63	-108	-110	-87	-35	80	228	343	374	260	67	-133	-206	-157	-23	158	304	346
278	150	35	-54	-126	-173	-188	-166	-94	36	167	263	266	176	27	-108	-199	-241	-202	-109
4	95	111	73	17	-33	-76	-99	-106	-102	89	-89	-77	-52	-28	30	84	95	58	-39
-143	-204	-190	-85	72	219	280	237	104	-55	-180	-228	-176	-42	152	272	262	202	66	-104
-212	-198	-160	-69	38	104	69	33	5	-4	-9	-9	-22	-72	-122	-130	-94	-33	32	37
6	-61	-125	-134	-101	-15	54	71	46	2	-25	-18	22	65	68	59	17	-64	-87	-48
41	145	205	185	107	10	-74	-129	-132	-80	7	89	116	115	103	53	-5	-52	-98	-133
-151	-125	-21	129	240	277	212	77	-54	-148	-152	-94	-2	95	160	197	204	166	95	33
-47	-118	-154	-132	-34	109	205	242	203	68	-105	-196	-227	-183	-73	44	112	110	71	18
-17	-126	-185	-192	-158	-83	68	149	163	90	-16	-159	-246	-257	-185	-63	42	78	55	3
-59	-90	-101	-107	-133	-137	-138	-97	-29	68	161	188	143	72	-19	-95	-104	-30	-23	-3
19	46	33	58	50	41	26	3	-49	-87	-92	-43	63	173	211	169	91	-54	-150	-156
-104	-11	90	140	104	24	-63	-97	-82	-66	-38	0	21	53	106	102	61	-29	-82	-75
-52	11	103	145	92	7	-56	-78	-53	51	180	222	144	24	-100	-140	-69	36	108	124
99	81	21	-29	-55	-49	-35	-11	5	43	88	123	77	87	4	-65	-83	-48	-40	-2
33	47	20	0	-2	-1	-12	-42	-78	-100	-96	-46	15	72	111	85	23	-53	-118	-145
-125	-85	-19	42	61	47	16	-19	-46	-64	-93	-124	-125	-102	-45	24	71	87	74	35
-42	-114	-125	-95	-46	18	79	95	69	26	-9	-24	-25	-24	-20	-17	-20	-20	-19	-7
16	36	43	16	-26	-62	-73	-61	-16	38	50	43	12	-58	-101	-97	-71	-15	54	118
114	90	37	-21	-109	-200	-163	-28	80	137	177	163	59	-70	-160	-222	-224	-159	1	139
213	235	161	38	-70	-139	-151	-118	-45	1	-11	-7	32	57	62	66	21	-18	-30	-8
16	41	42	2	-66	-105	-84	5	100	150	140	73	-17	-61	-67	-29	44	94	106	84
40	0	3	17	14	46	73	44	8	-17	-30	-21	28	77	88	61	-14	-53	-57	-44
3	23	-25	-73	-62	-22	45	91	126	83	-25	-118	-128	-113	-80	-23	32	54	40	7
-58	-122	-133	-99	-33	43	91	109	92	33	-5	-10	-23	-52	-63	-57	-51	-16	67	117
103	88	67	20	-35	-69	-47	-22	9	57	105	125	104	85	69	39	-7	-48	-41	15
79	128	128	91	30	-7	5	35	42	38	20	-8	-39	-39	-6	6	0	-10	-28	-50
-48	-33	-47	-106	-128	-110	-39	48	106	126	97	26	-63	-131	-146	-120	-47	-7	30	60
88	94	81	22	-71	-161	-200	-177	-114	-38	33	70	46	-29	-94	-129	-121	-90	-69	-59
-33	23	75	115	114	58	-19	-78	-93	-53	19	93	134	174	135	50	-18	-49	-49	-11
31	24	-17	-48	-39	-2	42	70	57	10	-28	-57	-56	-35	4	35	40	37	27	29
24	0	-32	-51	-50	-37	-13	-2	11	3	-14	-21	-39	-60	-82	-73	-42	1	52	86
68	13	-54	-107	-121	-75	-19	30	41	33	16	2	6	28	36	41	29	-14	-61	-84
-83	-43	15	71	95	93	71	32	-16	-49	-92	-79	-71	9	137	204	169	69	-52	-146

-138	-64	29	91	104	70	45	23	3	-7	-30	-59	-45	-19	23	87	139	142	83	-35
-145	-202	-166	-69	37	92	113	68	-16	-119	-108	-110	-57	27	61	48	45	34	31	16
-2	-3	-25	-50	-62	-31	21	45	55	45	26	-6	-38	-54	-45	-36	-22	-9	-13	-27
-30	-32	-38	-28	-6	1	4	6	1	-7	-25	-27	1	17	24	24	16	3	12	38
62	58	28	-6	-29	-39	-11	29	51	67	77	66	43	25	18	1	-24	-20	10	63
110	130	108	61	-1	-40	-73	-84	-65	-38	4	38	51	43	26	0	-21	-24	1	14
-1	-28	-41	-45	-4	40	56	33	-14	-56	-77	-78	-45	-13	4	9	-9	-26	-30	-25
5	23	11	-25	-68	-80	-51	-22	-9	-19	-30	-21	1	7	-10	-32	-50			

IIR248 71.194. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 232 6430 SUNSET BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 184.0 CM/SEC/SEC AT 10.70 SEC VELO = -19.8 CM/SEC AT 10.58 SEC DISP = 7.7 CM AT 9.24 SEC

INITIAL VELO = 0.99114 CM/SEC INITIAL DISP = -0.46141 CM

2250 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-8	-57	-62	-42	-28	27	38	14	7	-15	-38	-60	-16	24	33	33	-20	-16	-35	-35
13	27	38	76	67	45	41	18	-22	-60	-112	-84	-68	-6	17	-16	11	2	15	44
46	53	-24	-46	-56	-42	-57	-14	-23	-34	72	123	60	43	-15	-63	-79	-67	-5	-36
-4	52	76	67	84	65	-92	-166	-51	3	-47	-43	68	127	109	12	-10	-8	-107	-176
-106	44	90	92	121	103	70	-59	-119	-153	-126	-32	17	111	142	163	133	-73	-265	-260
-177	-64	39	130	158	121	79	-1	-27	-58	-125	-160	-110	-49	15	4	68	177	196	93
-7	-133	-85	-10	-19	5	14	67	109	52	45	91	87	-31	-77	-69	-104	-86	-78	-82
9	42	28	-40	-74	-3	91	111	51	92	123	37	-104	-35	29	14	64	96	-44	-90
-4	-18	-147	-125	-102	-121	-28	74	129	118	10	-24	-37	-135	-132	34	93	-142	-112	-40
-20	-14	-17	45	23	-189	-207	-60	40	-27	-107	-143	-84	-48	-7	20	46	-1	-53	-114
-89	-26	60	69	128	193	124	27	52	45	74	122	83	-36	-96	-16	99	98	88	59
94	94	-45	-66	10	87	-6	-32	73	178	29	-81	-75	-53	-160	-169	-306	-250	-82	-27
-101	19	82	-67	-232	-174	-94	-34	-94	-41	70	72	-13	-76	-77	-16	82	54	-16	46
-117	130	153	113	137	-6	-248	-379	-545	-520	-246	54	243	509	626	546	302	-41	-536	-513
-254	34	428	845	1045	1039	-101	-887	-585	-402	-258	-99	-90	-121	141	265	-51	-393	-340	-152
149	552	813	837	513	49	-189	-192	-296	-367	-485	-602	-525	165	386	91	233	671	742	832
706	378	-199	-838	-1197	-920	-41	609	623	285	2	270	351	-170	-977	-1112	-283	752	1143	602
-48	-114	228	688	922	581	-126	-694	-702	-479	-598	-960	-874	-650	-532	-347	74	469	665	697
625	632	426	108	147	135	-332	-517	-454	-272	17	174	-23	-225	-218	291	867	680	106	-265
-170	-4	123	305	-53	-435	-417	-467	-154	295	944	1052	605	330	284	198	384	564	600	554
409	150	-333	-789	-666	451	1208	1083	334	-390	-847	-1168	-1177	-1027	-942	-877	-765	-678	-562	-378
129	599	636	411	146	-130	-368	-492	-404	-313	-157	-185	-258	145	1080	1533	925	-93	-393	-330
-169	138	612	913	661	75	-266	-326	-486	-385	-24	286	511	442	17	-307	-202	-233	-579	-797
-872	-781	-700	-451	-88	64	-222	-771	-988	-925	-614	-414	-645	-729	-468	137	703	1165	791	417
-38	-307	-430	-537	-551	-352	-125	87	358	684	752	601	383	148	61	115	281	445	473	129
-237	-382	-391	-386	-466	-445	-358	-136	26	116	204	312	375	284	71	-154	-377	-594	-756	-894
-1034	-1008	-785	-416	90	165	-295	-545	-374	-80	164	482	906	1435	1785	1840	1501	933	703	568
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[illegible]

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111	110	105	83	48	43	51	48	48	59	36	10	8	15	-4	-30	-47	-51	-27	20
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[illegible]

IIR248 71.194. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 232 6430 SUNSET BOULEVARD, 1ST FLOOR, LOS ANGELES, CAL. COMP UP 34 05 50N, 118 19 46W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
PEAK VALS ACLN = 88.9 CM/SEC/SEC AT 5.72 SEC VELO = -6.3 CM/SEC AT 8.48 SEC DISP = -2.8 CM AT 8.92 SEC

5	-64	-121	-91	-71	-80	-70	-92	-100	-48	-61	-92	-84	-89	-153	-163	-89	-70	0	116
102	44	-2	-45	26	65	83	103	116	59	16	52	82	119	158	207	252	194	114	78
98	86	139	169	69	-14	25	113	105	24	-14	-88	-164	-119	-51	-26	-109	-157	-174	-167
-165	-72	1	-2	-84	-65	-21	-91	-143	-76	-58	-113	-112	-82	-117	-21	-19	-107	-55	43
76	21	-27	-50	-60	-13	2	-4	-38	-50	-55	7	2	17	52	66	20	-3	64	95
77	48	-2	-9	82	122	119	99	80	-38	-64	-48	20	14	-22	-11	52	55	64	28
3	25	51	87	110	38	-26	-30	-89	-145	-51	-18	-40	-44	-2	-55	-87	-123	-103	-69
-63	-57	-52	-41	-67	-53	33	-25	-16	9	118	153	140	77	44	35	35	125	139	145
122	105	94	106	125	130	104	99	120	74	21	79	97	49	76	95	10	-27	-7	10
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23	10	3	18	34	14	12	44	44	29	35	16	4	1	-7	-15	31	68	64	45
22	-16	-38	0	43	39	35	25	4	-39	-40	-24	-24	-3	26	24	11	2	-18	-51
-71	-56	-45	-42	-50	-47	-38	-44	-45	-19	16	12	16	42	53	34	35	16	-16	-24
-2	-6	-25	-29	4	29	9	-14	-13	-22	-48	-37	-9	-14	-18	-24	-30	-26	-17	-7
6	9	-2	-30	-27	-26	13	6	19	19	31	24	42	49	61	70	69	62	61	55
32	27	28	23	14	-38	15	1	-22	-12	-6	-43	-46	5	14	-12	-14	-3	-19	-33
-31	-26	-17	-21	-30	-38	-42	-58	-52	-32	2	15	7	0	-11	-38	-24	17	22	16
17	1	-28	-31	-30	-5	-10	-31	-35	-41	-53	-41	-24	-19	2	10	15	22	38	-4
-22	-9	-7	-40	-3	-31	-28	-25	12	-15	-13	-33	-47	-62	-15	2	35	12	-24	-62
-39	-2	32	35	47	40	15	-1	27	30	18	26	10	-1	8	31	32	45	22	-11
-12	35	70	31	42	88	68	-9	-12	43	55	63	75	90	43	18	21	27	18	37
54	44	42	40	17	20	20	15	-12	22	-1	-3	10	4	4	2	-2	2	12	11
46	64	39	25	7	1	-3	33	20	-2	-5	2	-16	-29	-7	-3	-2	14	13	-13
-39	-59	-41	-26	-12	-32	-28	-57	-38	-33	-28	-48	-34	-37	-24	-26	-39	-54	-44	-55
-61	-25	-14	-22	-8	-14	-22	-8	8	-1	-14	4	0	0	-14	-9	-11	-1	-8	-24
-28	-14	-4	-8	-4	-8	8	4	9	20	5	0	0	-18	-17	-19	-36	-31	-34	-55
-50	-14	25	22	-5	-15	24	-11	4	46	37	26	29	20	13	-3	-21	-17	-9	-6
-8	-13	-10	3	-14	-15	4	25	35	32	24	25	1	12	-3	-29	-28	3	-14	-63
-37	2	2	-19	8	25	-1	-12	-6	15	18	7	19	26	15	16	34	48	46	58
77	93	70	42	33	16	21	64	79	41	54	12	-24	-48	-9	9	10	20	-1	-27
10	27	35	4	-3	-40	-27	-32	-46	-43	-30	-57	-64	-64	-33	-8	-39	-64	-49	-24
-52	-40	-42	-53	-103	-114	-63	-19	-24	-2	-8	-22	-3	37	36	8	32	32	7	-14
0	-16	-14	-22	-11	-19	2	-11	8	42	67	37	11	7	33	16	1	24	8	-29
-13	21	9	29	66	56	33	44	54	56	47	54	55	38	17	23	16	15	13	2
-2	14	22	19	14	20	-1	-15	-3	-15	-3	39	38	-19	-17	-7	-32	-9	26	-5
-62	-38	-31	-60	-28	-11	-39	-62	-47	18	-19	4	-1	-38	-58	-70	-52	-20	-12	-7
-19	-64	-72	-23	-16	-8	35	19	-32	-43	-20	-23	-21	16	35	31	26	13	5	32
51	48	76	91	72	38	31	23	11	28	52	24	30	19	0	0	-7	-17	5	18
13	-3	-3	-10	-5	-8	-2	-13	-17	-31	-10	4	-23	-39	-52	-45	-33	-20	-16	-20
-27	-25	-23	-45	-36	-12	0	-18	-2	-2	-6	-29	-14	1	10	16	16	24	18	11
5	5	-6	7	6	-1	-19	-17	13	35	14	-3	-12	-19	-15	15	46	61	45	1

[illegible]

IR249 71.196. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 184 1900 AVENUE OF THE STARS, BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592

EPICENTER 34 24 00N, 118 23 42W
 COMP N44E 34 03 35N, 118 24 56W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -79.9 CM/SEC/SEC AT 6.86 SEC VELO = 16.2 CM/SEC AT 10.22 SEC DISP = 11.5 CM AT 11.14 SEC

2062 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

14	72	100	16	-45	-34	6	12	-53	-66	10	60	74	51	18	9	-18	-10	-21
-31	-12	49	51	-21	-112	-107	-25	-17	9	40	78	121	85	-53	-65	-32	-36	1
41	64	50	94	80	31	-29	-47	-38	-38	-76	-69	-32	-28	-28	-39	-25	34	-4
42	33	39	69	-82	-99	-37	58	75	33	-16	-23	33	21	-26	-36	-30	-24	-28
-66	-34	2	55	74	40	31	72	65	-11	-9	7	43	58	39	-10	-15	-7	-68
-101	-36	14	21	-22	-75	-14	27	67	9	-35	0	45	49	49	29	-6	36	87
6	80	112	110	63	-69	-120	-51	-37	-45	-20	14	28	31	-49	-129	-84	-33	18
29	45	64	82	82	19	-16	18	81	34	14	26	60	28	28	56	33	1	16
-48	-41	-66	-59	-12	35	-8	-70	-25	-1	-13	31	36	17	70	92	86	-7	-32
31	22	7	16	-22	33	42	9	-39	-73	-65	-7	1	-49	-37	23	110	137	124
75	37	52	54	38	-7	40	93	104	44	-27	-63	-99	-30	-68	-55	-19	-37	-127
-100	-94	-54	-32	3	77	98	94	59	-2	59	49	110	247	247	164	-14	-233	-246
-197	-77	63	173	185	189	156	91	10	-83	-202	-322	-180	86	93	5	67	187	118
78	139	125	99	100	99	17	-97	-159	-234	-230	-38	254	403	335	169	-148	-425	-612
-637	-568	-240	274	396	226	288	576	311	-416	-343	343	665	347	468	-760	-404	123	189
19	-50	-142	-60	101	312	388	-21	-632	-769	-503	-141	-67	-270	-423	-290	9	51	87
16	-207	-225	-216	-235	-110	-84	-186	-214	-206	-86	83	111	106	233	508	553	187	35
-441	-541	-741	-799	-568	-261	80	311	169	148	383	417	355	330	316	332	294	157	-161
-131	106	121	-40	-55	-37	-31	-41	-56	-36	70	112	-78	-260	-279	-183	-72	5	101
192	380	417	105	-214	-348	-486	-583	-523	-320	-43	-11	-288	-485	-530	-471	-349	-256	-115
127	223	188	59	-6	-29	-208	-248	-171	-82	201	654	743	557	414	444	530	609	442
196	92	-81	-320	-317	-107	299	437	202	-72	-24	133	314	478	489	349	180	149	277
165	-44	-220	-226	-127	101	274	288	266	174	115	24	-187	-265	-238	-177	-69	373	238
9	-146	-60	206	271	184	170	262	252	222	150	70	-52	-145	-11	92	148	205	199
33	-50	-213	-299	-178	-43	15	31	108	-216	-189	-197	-171	35	206	351	616	750	589
451	236	197	166	163	149	76	57	97	135	78	-75	-209	-316	-416	-376	-155	175	244
225	194	196	129	-111	-323	-422	-494	-530	-477	-463	-412	-192	0	107	91	5	46	-170
-258	-254	-230	-272	-249	-285	-344	-453	-583	-630	-522	-315	-86	23	21	-87	-150	-121	-68
-167	-313	-324	-380	-422	-399	-444	-470	-510	-592	-594	-413	-131	-49	36	182	316	375	172
134	27	-140	-251	-262	-312	-334	-298	-93	47	-64	-189	-146	28	162	102	-25	16	30
81	16	-68	-94	-170	-204	-133	-139	-163	-58	39	122	142	38	-68	-82	-9	75	74
110	192	196	144	148	223	258	201	82	63	147	216	186	100	24	-8	34	56	0
10	41	35	-26	-44	-14	-8	38	178	183	33	-70	-91	-87	-55	-21	71	196	124
196	295	316	312	325	318	284	333	380	293	146	5	-109	-143	-113	-104	-85	9	106
78	101	234	320	299	289	336	366	318	204	150	36	-107	-134	-129	-93	-48	-17	13
-29	-159	-202	-133	-81	-23	36	65	70	68	-4	-118	-144	-84	-11	1	15	91	239
163	93	130	216	274	264	255	260	220	143	-4	118	122	82	10	-62	-31	62	-11
-112	-151	-127	-90	-49	3	23	52	96	112	44	-51	-128	-185	-213	-163	-58	-25	-69
-60	-35	17	6	-79	-112	-60	-8	-14	-66	-124	-153	-169	-137	-144	-186	-169	-83	-18
-47	-51	-12	39	115	181	174	125	108	138	154	131	88	10	-61	-45	-15	-31	-103
-191	-148	-130	-179	-226	-256	-277	-253	-183	-152	-194	-234	-266	-258	-179	-87	-85	-112	-162
-158	-110	-71	-45	-43	-43	-53	-30	15	24	26	10	-10	-34	-125	-185	-170	-120	-97
-128	-159	-183	-206	-176	-130	-83	-36	15	8	-37	-53	18	83	92	40	-10	-50	6
67	90	106	160	200	176	111	74	73	100	108	133	164	188	194	175	113	87	142

116	110	128	144	174	174	152	172	207	220	217	199	181	142	40	-36	-23	36	36	33
111	4	43	39	10	-1	-28	-35	12	13	-57	-124	-151	-129	-30	86	153	141	76	19
-44	-89	-77	-15	33	34	6	-30	-67	-69	-60	-74	-97	-79	-54	-30	-74	-11	-32	-56
-76	-113	-141	-172	-213	-244	-262	-241	-186	-139	-122	-110	-101	-94	-87	-70	-47	-42	-48	-45
-25	-21	-48	-53	-31	16	96	127	107	79	48	3	-23	15	54	54	63	109	164	197
219	223	229	247	226	180	114	27	10	34	46	-13	-44	-14	58	68	14	-19	21	68
71	89	156	204	221	204	158	151	167	204	219	204	197	185	165	147	138	131	93	3
-42	-35	-39	-58	-114	-128	-119	-114	-123	-119	-96	-68	-69	-134	-224	-249	-167	-82	-111	-143
-123	-72	-32	6	22	17	14	10	-1	-1	16	13	-3	4	13	-19	-46	-14	25	21
-8	-40	-86	-108	-116	-108	-82	-58	-37	-13	-25	-67	-92	-92	-66	-58	-80	-74	-59	-28
25	49	12	-56	-111	-130	-122	-122	-118	-117	-110	-95	-132	-197	-206	-173	-108	-38	-13	-36
-62	-61	-48	-37	-40	-29	-24	-49	-103	-150	-186	-179	-149	-115	-106	-101	-78	-86	-75	-35
-18	30	15	-16	-18	6	58	122	149	172	192	183	171	172	169	148	124	81	44	36
17	11	54	98	68	6	-11	29	41	9	8	53	99	135	163	173	155	115	102	119
130	144	151	160	164	149	123	89	55	28	11	-8	-3	31	84	105	87	56	35	53
75	57	46	44	32	-14	-56	-79	-77	-50	-33	-58	-87	-83	-80	-92	-64	-27	0	10
-17	-42	-43	-35	-24	-13	1	14	27	42	57	53	29	12	26	40	1	-30	-32	-28
-29	-26	-12	22	38	48	54	59	55	23	-5	-25	-7	17	54	45	-5	-33	-21	-35
-38	3	14	-31	-28	1	9	-19	-13	16	30	18	11	-6	-2	-50	-105	-111	-75	-31
-11	-17	-28	-55	-72	-64	-54	-76	-61	-31	-9	6	25	8	-38	-55	-23	8	25	23
22	26	48	74	80	81	93	101	81	22	-14	-30	-15	-9	16	-35	48	49	42	-13
-54	-85	-77	-39	-13	-27	-72	-115	-124	-100	-63	-34	-51	-79	-82	-69	-39	-38	-40	-40
-49	-58	-31	17	47	51	39	34	59	74	70	70	61	64	78	90	100	70	48	60
86	92	55	43	38	50	58	39	5	-1	9	-8	-37	-72	-102	-104	-89	-80	-64	-44
-36	-33	-40	-31	-13	13	29	29	-7	-48	-71	-85	-100	-118	-133	-131	-120	-104	-67	-36
-27	-41	-66	-95	-103	-81	-71	-72	-69	-68	-56	-27	-16	-17	-1	15	35	38	6	-15
-1	14	17	23	28	30	30	25	15	30	47	46	36	4	-9	6	30	36	22	3
8	19	28	31	43	34	-1	-30	-24	-9	-2	18	37	53	57	59	49	45	31	21
47	95	116	103	73	39	25	35	37	32	14	-2	-14	-9	-6	-20	-42	-44	-49	-62
-54	-47	-36	-23	-22	-10	2	0	-9	-16	-33	-59	-88	-75	-48	-9	2	6	29	32
34	29	4	-6	-1	13	20	15	3	-12	-17	-16	0	18	55	84	85	90	95	78
66	44	25	26	50	86	113	105	73	69	76	64	37	47	66	80	86	83	67	35
21	8	12	15	31	76	109	105	93	78	75	72	77	77	79	60	51	47	54	66
71	54	35	14	-10	-9	12	14	-6	-27	-31	-21	-37	-57	-50	-30	-47	-71	-104	-141
-137	-119	-110	-94	-81	-74	-64	-60	-66	-60	-70	-92	-105	-96	-55	-25	-14	-17	-42	-86
-125	-145	-134	-116	-109	-99	-101	-102	-105	-101	-96	-66	-57	-46	-73	-80	-83	-91	-98	-102
-85	-58	-71	-103	-107	-86	-64	-60	-77	-80	-87	-90	-96	-104	-101	-105	-110	-110	-91	-69
-75	-81	-66	-41	-18	4	29	42	36	17	-2	-5	11	23	43	36	18	13	13	11
20	37	61	69	67	68	74	77	85	86	81	84	79	86	93	111	133	144	134	146
165	180	174	166	165	162	157	165	167	181	179	173	167	164	162	151	146	135	136	137
134	131	126	121	126	122	112	98	88	79	72	61	60	53	38	23	16	6	12	17
5	-7	-16	-18	-27	-37	-47	-60	-77	-75	-59	-66	-50	-25	-23	-22	-40	-45	-54	-68
-85	-92	-70	-42	-32	-36	-37	-39	-34	-40	-47	-42	-54	-72	-76	-45	-17	-52	-92	-117
-128	-120	-110	-83	-37	3	7	10	-17	-47	-66	-90	-106	-98	-65	-56	-55	-46	-12	-10
-45	-70	-68	-17	14	-11	-12	29	46	0	-26	-65	-88	-99	-123	-122	-70	-15	-7	-25
-10	25	51	7	-62	-64	-28	-23	-18	-52	-76	-69	-44	-20	-31	-104	-108	-56	-13	-19
-26	-63	-93	-113	-98	-106	-107	-109	-112	-105	-81	-67	-58	-64	-70	-92	-109	-87	-39	-28
-42	-42	-34	9	48	44	32	18	41	90	112	99	83	85	85	79	78	111	150	151
129	146	180	189	162	134	109	89	89	86	92	104	104	95	87	88	84	88	109	115
110	116	131	111	77	66	64	43	23	33	67	88	87	63	8	-43	-58	-51	-15	9
17	5	-8	-1	-6	-9	-20	-30	-43	-43	-27	-27	-51	-82	-82	-87	-84	-74	-73	-81
-106	-111	-68	-65	-59	-56	-52	-56	-57	-61	-59	-58	-54	-50	-54	-55	-44	-27	-23	-40
-67	-92	-94	-75	-59	-63	-79	-69	-48	-12	38	50	44	50	46	39	40	40	33	30
11	-18	-34	-43	-40	-24	-5	-14	-19	-5	10	20	12	13	33	46	37	35	29	41
47	51	49	42	42	47	35	16	7	-6	-13	-6	10	21	21	6	-13	-13	3	35

[illegible]

IIR249 71.196. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 184 1900 AVENUE OF THE STARS, BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP S46E 34 03 35N, 118 24 56W
 BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -84.2 CM/SEC AT 8.30 SEC VELO = 10.1 CM/SEC AT 13.40 SEC DISP = -7.3 CM AT 12.48 SEC

INITIAL VELO = 0.18129 CM/SEC INITIAL DISP = -0.46985 CM

2062 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-18	20	85	92	33	-13	-25	11	17	-34	-85	-59	-17	31	38	-5	-10	33	44	18
15	23	-5	-36	-34	18	32	12	3	21	28	34	58	2	-29	-17	-24	-49	-62	-58
36	75	47	4	5	35	-8	-40	-41	-46	-11	36	84	93	10	-1	74	34	-46	-57
-8	8	-41	-21	48	30	-11	-30	-17	24	75	61	11	-38	-16	-19	-23	18	3	-3
58	81	6	-35	-32	-36	1	-3	-14	-82	-80	15	76	31	-7	3	12	39	0	-61
-25	47	55	-20	-26	20	-20	-52	-25	-19	-67	-54	-28	-24	-25	-19	24	28	-18	-69
-76	-26	2	-8	-59	3	1	-32	-19	18	5	5	16	22	-5	-65	-55	-27	-7	2
-14	-15	42	54	29	1	-12	10	-41	-70	-36	-35	-95	-107	-48	-18	-45	-56	-38	-11
11	45	8	-10	-46	-57	-34	-10	37	86	93	52	31	-43	-64	-43	-52	-62	-3	11
-23	-30	-10	-82	-58	-76	-37	-37	-58	-52	-36	16	-2	-14	-75	-75	-32	17	-23	-30
56	58	32	-11	3	-37	13	45	63	23	-19	8	23	-31	-16	55	119	118	72	10
-5	10	-85	-193	-113	-21	-24	-22	-3	9	-10	-30	-66	-150	-150	-89	-20	-6	8	34
37	66	186	226	162	219	255	246	190	122	5	-126	-56	-52	-184	-296	-303	-198	117	259
159	190	297	360	297	206	138	23	-306	-496	-381	314	-281	-436	-554	-404	-62	215	420	444
498	680	702	444	-64	-241	-158	-226	-452	-420	147	611	502	247	148	206	475	667	450	88
-319	-655	-585	-291	203	470	517	409	85	-75	122	509	523	242	76	17	-191	-530	-774	-836
-633	-146	-43	-139	-66	-16	-59	-219	-167	56	-66	-379	-433	-327	-159	-49	-24	-51	-49	271
593	624	547	247	16	108	66	-58	-11	-50	-102	19	187	132	152	79	-125	-179	-181	-178
-294	-483	-461	-331	-264	-258	-145	30	168	227	148	-91	-111	63	7	39	146	108	-63	-298
-328	-240	-137	169	389	349	95	-151	-44	77	143	250	303	254	176	284	405	407	406	198
-143	-201	-76	198	222	112	92	136	150	170	278	156	-174	-552	-808	-842	-651	-357	-289	-279
-264	-128	101	282	244	160	243	254	130	-92	-149	-41	169	253	191	178	92	0	55	76
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[illegible]

IIR250 71.197. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 186 1900 AVENUE OF THE STARS, 29TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592
 ACCLN = -136.6 CM/SEC/SEC AT 11.66 SEC VELO = -63.1 CM/SEC AT 13.32 SEC DISP = -45.0 CM AT 14.32 SEC

PEAK VALS
 EPICENTER 34 24 00N, 118 23 42W
 COMP N44E 34 03 35N, 118 24 56W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

2048 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = -0.72036 CM/SEC INITIAL DISP = 0.42626 CM

29	-9	-35	-53	-49	-21	24	68	94	88	59	12	-38	-72	-74	-53	-28	-11	4	17
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73	62	50	4	-34	-59	-63	-45	-24	3	17	27	28	51	53	44	14	11	22	22
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-24	-31	-21	15	49	71	102	104	79	43	0	-58	-105	-136	-133	-96	-53	-35	-39	-52
-23	-16	-31	2	31	60	88	93	81	42	9	-35	-60	-44	-5	25	45	35	-3	-54
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-75	-88	-92	-69	-39	-18	4	24	33	49	62	77	83	85	71	54	58	77	110	150
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-598	-766	-853	-835	-713	-549	-428	-306	-186	-110	-58	-75	-132	-218	-303	-416	-460	-535	-598	-553
-483	-337	-136	57	291	531	691	667	482	217	-47	-269	-506	-764	-922	-879	-717	-556	-436	-271
-77	95	266	377	398	406	393	350	391	427	385	315	240	246	190	126	147	215	308	373
387	358	287	197	66	-27	-50	-20	108	223	322	370	328	277	220	159	87	-63	-202	-329
-471	-572	-701	-841	-958	-1013	-951	-786	-618	-472	-357	-269	-213	-129	-69	-72	-141	-236	-305	-343
-264	-140	59	283	438	615	868	1093	1205	1160	1050	915	849	814	740	641	540	473	449	486
514	521	544	575	644	755	845	935	927	783	625	515	431	416	381	382	375	346	301	235
167	113	44	-5	-86	-146	-110	-33	-1	0	-60	-162	-209	-182	-149	-72	-41	12	-3	-59
-164	-297	-387	-387	-327	-164	23	193	320	399	476	516	491	473	410	343	278	200	89	-32
-104	-122	-97	-14	77	158	267	381	537	757	896	995	1002	974	892	754	642	519	355	182
5	-74	-133	-162	-187	-204	-195	-186	-200	-190	-181	-173	-144	-77	-1	-1	-53	-148	-321	-542
-769	-1005	-1238	-1366	-1345	-1258	-1051	-910	-823	-751	-641	-574	-485	-416	-452	-533	-563	-673	-822	-946
-1096	-1210	-1264	-1218	-1064	-890	-714	-579	-446	-354	-271	-196	-171	-206	-293	-401	-541	-718	-893	-1053
-1150	-1124	-989	-798	-603	-459	-331	-222	-116	-17	79	141	124	-5	-186	-345	-456	-554	-610	-650
-645	-633	-632	-629	-592	-552	-443	-345	-234	-101	-65	-86	-92	-137	-272	-423	-590	-735	-813	-826
-768	-655	-545	-435	-317	-133	-31	70	184	229	211	287	247	274	305	281	296	313	362	415
499	543	574	613	613	596	694	772	808	894	957	1022	1077	1054	1005	931	869	818	793	763
758	747	720	683	654	649	702	698	678	695	720	712	713	729	757	812	881	939	987	1008
983	931	882	817	748	699	669	653	624	624	619	621	597	592	607	621	643	682	727	750
735	703	654	632	616	594	562	532	525	517	523	531	529	512	489	483	458	439	408	369
313	256	192	117	43	-17	-60	-68	-48	-40	-37	-25	-17	-40	-56	-49	-51	-33	-38	-37
-14	12	32	49	66	67	40	3	-22	-74	-143	-199	-250	-289	-309	-315	-317	-337	-385	-452
-533	-610	-669	-730	-761	-755	-732	-731	-705	-693	-700	-710	-726	-750	-787	-834	-883	-917	-922	-922
-913	-902	-885	-872	-835	-819	-825	-862	-917	-976	-1025	-1053	-1063	-1062	-1037	-991	-917	-824	-731	-645
-566	-496	-442	-397	-376	-384	-403	-434	-451	-474	-494	-495	-494	-498	-492	-502	-537	-579	-608	-620
-613	-578	-538	-492	-456	-455	-478	-487	-501	-519	-547	-564	-573	-584	-570	-520	-471	-408	-349	-307

-255	-209	-153	-120	-101	-107	-109	-105	-94	-77	-63	-52	-40	-15	-10	-10	-17	-39	-39	-40
-33	66	752	829	883	923	950	973	1004	1058	346	383	407	443	456	466	468	465	489	525
582	666	752	829	883	923	950	973	1004	1058	1119	1172	1225	1247	1242	1221	1194	1168	1136	1119
1100	1080	1059	1007	973	962	988	1000	1019	997	965	924	886	838	786	745	698	657	626	612
598	602	586	560	536	506	467	436	434	461	486	510	547	574	575	546	499	442	383	320
257	217	205	197	199	191	182	186	184	177	162	141	114	100	68	38	23	-9	-31	-44
-80	-119	-183	-256	-323	-387	-447	-503	-558	-584	-591	-560	-521	-479	-426	-355	-314	-324	-380	-450
-536	-579	-622	-666	-705	-728	-731	-744	-750	-746	-731	-711	-692	-676	-662	-648	-632	-612	-585	-541
-481	-458	-468	-506	-568	-631	-705	-778	-800	-817	-833	-823	-797	-766	-708	-650	-580	-503	-431	-360
-310	-269	-237	-214	-197	-185	-190	-206	-229	-251	-265	-274	-276	-275	-292	-328	-368	-402	-424	-442
-464	-482	-510	-536	-559	-607	-642	-661	-653	-629	-588	-549	-517	-455	-386	-324	-243	-163	-99	-38
-16	23	39	45	46	38	35	34	44	64	88	109	132	143	159	182	243	288	326	360
371	361	339	328	343	364	384	413	425	418	391	371	355	348	366	392	419	442	460	481
478	459	431	394	377	373	366	375	381	387	394	402	406	411	416	417	407	393	370	344
316	296	284	275	237	176	113	54	2	-49	-60	-53	-21	30	73	109	142	196	228	263
319	383	438	491	553	611	685	756	839	884	895	897	844	764	685	619	540	496	424	429
445	439	418	399	381	369	351	340	336	336	319	304	269	248	225	216	199	170	136	94
28	-8	-52	-65	-68	-67	-73	-75	-68	-71	-73	-55	-71	-80	-74	-78	-91	-112	-135	-161
-193	-240	-279	-342	-396	-445	-501	-524	-560	-621	-637	-626	-592	-558	-543	-537	-523	-506	-496	-478
-449	-410	-354	-317	-281	-242	-206	-145	-110	-82	-72	-68	-78	-94	-108	-117	-123	-114	-106	-103
-100	-104	-120	-142	-177	-217	-248	-290	-347	-396	-439	-486	-510	-532	-553	-551	-555	-551	-538	-527
-502	-491	-508	-508	-510	-516	-525	-535	-538	-536	-529	-510	-502	-482	-469	-451	-435	-404	-376	-351
-314	-289	-270	-258	-244	-229	-220	-210	-194	-176	-155	-132	-105	-74	-39	1	45	86	137	186
224	245	259	260	243	234	231	237	259	285	315	338	352	369	387	387	384	362	336	301
269	231	198	171	161	154	146	145	134	122	107	89	75	65	65	64	69	84	104	119
141	167	204	247	281	309	334	348	364	380	402	442	476	509	546	562	568	560	546	537
528	515	496	480	461	441	423	408	409	427	448	486	515	536	541	528	508	478	438	399
355	323	292	269	243	228	212	196	174	150	124	107	87	65	36	19	-7	-31	-68	-105
-140	-167	-196	-224	-224	-214	-202	-189	-182	-186	-202	-220	-240	-259	-260	-254	-245	-227	-215	-209
-202	-196	-183	-166	-151	-143	-135	-124	-120	-119	-114	-109	-100	-83	-73	-58	-37	-30	-32	-44
-69	-99	-123	-142	-166	-176	-182	-184	-188	-186	-180	-177	-177	-186	-198	-216	-231	-249	-274	-284
-304	-326	-346	-364	-385	-404	-427	-449	-472	-500	-518	-535	-552	-563	-563	-564	-563	-558	-555	-560
-572	-575	-565	-535	-501	-470	-435	-404	-370	-335	-293	-244	-203	-177	-151	-136	-136	-131	-126	-109
-82	-51	-12	28	70	109	138	165	179	190	210	220	234	255	270	281	290	300	313	331
356	383	408	424	428	422	407	381	357	330	307	290	276	268	262	260	254	251	262	275
291	308	319	325	313	300	273	249	242	253	265	267	256	246	231	205	195	193	184	174
175	170	162	146	134	133	128	124	115	113	121	144	175	204	231	260	293	322	341	351
351	342	331	320	310	291	265	235	211	194	177	162	147	131	112	96	81	76	73	61
54	44	29	10	-16	-41	-73	-97	-122	-142	-167	-201	-224	-239	-250	-256	-272	-281	-308	-334
-353	-383	-419	-437	-457	-468	-479	-486	-480	-468	-453	-439	-423	-396	-377	-351	-334	-320	-312	-312
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-24	-12	6	29	50	75	106	135	154	172	191	207	220	235	231	225	213	206	204	199
199	198	195	194	184	177	159	139	114	94	88	85	80	84	86	84	72	65	51	31
33	29	20	15	10	1	5	1	1	4	8	14	18	24	26	25	29	46	55	76
92	109	134	141	146	149	147	150	149	150	159	165	159	169	180	182	187	187	184	184
178	174	170	164	159	159	157	152	152	159	168	170	169	167	157	144	122	102	81	54
33	19	7	-6	-14	-15	-21	-21	-24	-30	-41	-64	-91	-111	-122	-134	-149	-165	-184	-214
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-231	-223	-207	-199	-185	-170	-168	-171	-179	-194	-213	-244	-274	-294	-321	-335	-341	-340	-334	-316
-291	-273	-252	-234	-217	-215	-206	-201	-189	-179	-163	-141	-122	-101	-79	-56	-42	-14	5	20
23	30	38	57	79	113	145	175	201	215	200	179	142	124	108	104	106	117	130	146
162	179	203	231	249	260	263	257	242	223	203	184	179	187	198	207	207	193	180	171
163	157	155	156	156	160	175	176	172	163	161	151	133	107	88	73	58	44	31	20
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[illegible]

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295	300	327	366	390	383	351	307	261	231	190	149	120	105	81	58	39	0	-66	-159
-205	-207	-178	-140	-100	-66	-47	-42	-60	-108	-156	-178	-179	-174	-163	-148	-133	-123	-110	-96
-80	-53	-11	36	77	111	118	80	7	-83	-120	-155	-155	-144	-111	-76	-45	-19	-17	-38
-61	-100	-150	-230	-294	-327	-336	-305	-288	-265	-304	-346	-375	-430	-518	-576	-635	-665	-673	-660
-619	-567	-517	-439	-389	-369	-356	-360	-351	-325	-266	-196	-142	-116	-100	-101	-108	-121	-131	-149
-184	-232	-282	-334	-377	-407	-438	-471	-510	-507	-479	-445	-397	-368	-340	-319	-300	-276	-246	-233
-229	-220	-210	-206	-205	-220	-239	-260	-275	-282	-261	-217	-159	-101	-27	45	80	80	67	59
70	55	108	114	86	53	23	4	-9	-20	-26	-22	8	24	33	49	67	83	97	112
117	102	81	42	31	46	64	103	137	145	145	147	159	181	205	248	299	353	402	444
472	497	515	529	529	526	511	496	499	529	570	580	579	567	527	469	431	376	336	292
266	262	283	285	266	268	269	276	292	336	413	489	543	564	573	561	534	519	522	522
508	457	398	350	308	287	288	311	329	341	331	304	271	228	209	203	198	183	154	105
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233	240	245	238	222	198	175	176	195	214	228	230	224	220	213	212	186	179	157	144
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161	155	131	125	135	166	203	237	265	290	324	348	369	359	337	321	313	315	322	326
332	337	343	347	358	376	397	416	423	427	436	433	423	416	399	392	389	379	371	389
409	427	435	449	463	486	499	507	484	448	409	378	341	324	314	326	338	344	348	329
310	299	290	305	321	332	329	330	322	314	318	317	308	298	306	286	259	233	204	171
143	106	71	45	41	31	14	-11	-41	-60	-69	-77	-72	-55	-35	-20	-16	-50	-79	-101
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-432	-419	-411	-425	-423	-433	-433	-432	-404	-371	-331	-300	-280	-280	-279	-279	-277	-275	-263	-244
-234	-216	-203	-183	-167	-153	-139	-129	-112	-107	-115	-122	-131	-125	-124	-137	-134	-127	-123	-101
-93	-91	-101	-104	-91	-70	-53	-29	-3	13	21	35	48	59	71	98	117	140	179	208
223	235	244	238	265	291	290	311	318	321	330	344	349	347	350	354	356	371	387	400
412	436	436	438	455	450	450	435	425	416	421	449	460	471	476	471	454	447	451	459
471	484	492	497	521	592	619	657	685	715	714	702	693	663	614	568	537	494	455	409
375	341	327	322	328	328	326	308	275	244	232	227	216	203	172	146	126	111	99	90
69	54	34	28	23	32	27	15	-17	-51	-92	-120	-139	-155	-165	-185	-181	-198	-234	-255
-281	-298	-313	-323	-318	-313	-288	-262	-253	-255	-303	-355	-381	-410	-443	-477	-496	-494	-489	-510
-556	-612	-664	-687	-689	-683	-672	-661	-659	-656	-675	-710	-730	-718	-732	-713	-688	-648	-611	-576
-560	-540	-543	-551	-558	-549	-525	-497	-474	-459	-452	-438	-429	-430	-430	-429	-421	-401	-363	-334
-317	-303	-290	-276	-263	-252	-240	-229	-220	-208	-197	-184	-168	-151	-134	-121	-112	-108	-97	-86
-85	-80	-71	-51	-39	-29	-17	-2	15	29	29	33	43	53	66	83	96	111	131	151
169	177	173	175	178	184	188	183	171	155	136	119	136	161	187	222	243	259	284	301
320	323	327	313	298	281	272	286	300	308	324	332	350	369	394	411	426	436	445	444
436	442	447	452	450	441	429	425	430	443	463	474	474	474	473	469	460	459	457	457
452	439	422	392	360	332	305	282	249	225	216	196	180	164	155	148	146	143	153	165
179	187	185	181	168	148	125	108	94	85	72	51	34	25	21	20	15	10	-9	-22

[illegible]

IIR250 71.197. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 186 1900 AVENUE OF THE STARS, 29TH FLOOR, LOS ANGELES, CAL. COMP UP 34 03 35N, 118 24 56W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACN = 351.8 CM/SEC/SEC AT 6.70 SEC VELO = -15.5 CM/SEC AT 6.64 SEC DISP = -3.4 CM AT 20.10 SEC

2048 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 1.10224 CM/SEC INITIAL DISP = 0.09145 CM

244	-30	-248	-403	-456	-382	-214	-7	140	195	124	5	32	208	355	380	251	99	-76	-248
-395	-484	-439	-292	-110	55	232	414	605	692	570	303	23	-188	-385	-459	-347	-157	33	115
87	21	-65	-159	-187	-114	83	245	299	289	176	-25	-216	-310	-306	-327	-326	-216	-30	137
367	569	587	448	253	74	-129	-248	-312	-116	-32	-67	-160	-248	-317	-358	-277	-100	122	289
418	518	546	429	227	39	-197	-466	-618	-611	-437	-180	68	251	368	365	230	78	-40	-81
-123	-133	-131	-175	-198	-175	-142	-114	-72	-105	-60	151	287	287	297	291	149	-76	-304	-458
-441	-296	-54	260	498	535	413	208	-78	-365	-506	-499	-449	-363	-266	-185	-92	39	215	384
489	516	423	230	25	-157	-262	-237	-166	-114	-3	130	215	278	315	218	35	-190	-364	-432
-375	-234	-100	-33	-39	-55	-53	-89	-113	-81	6	100	200	240	224	188	167	149	113	86
100	192	293	256	79	-102	-240	-339	-401	-413	-401	-348	-235	-5	256	398	473	505	454	343
233	178	110	13	-83	-263	-498	-623	-588	-467	-258	2	192	331	534	715	754	679	482	155
-256	-582	-841	-934	-918	-726	-407	-20	404	777	894	821	698	432	83	-193	-376	-456	-516	-532
-381	-115	94	249	363	425	398	331	169	-62	-226	-153	-35	-5	40	26	-172	-295	-439	-439
-498	-461	-315	-133	90	437	805	846	594	259	-58	-321	-534	-622	-557	-216	258	558	721	692
484	151	-251	-439	-410	-370	-301	-162	-111	-100	-122	-93	-22	100	169	214	273	264	176	134
110	44	-95	-140	29	90	-20	-53	134	318	239	-195	-823	-1478	-1728	-1449	-637	240	1090	1587
1771	1618	1244	838	337	-367	-1097	-1790	-2383	-2630	-2260	-1319	-20	1824	3411	3518	2701	1257	109	-919
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104	107	104	96	72	44	18	4	-26	-51	-41	-8	30	81	121	157	181	190	187	176
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-101	-162	-174	-150	-84	-13	65	130	173	188	177	151	95	50	-13	-73	-108	-115	-95	-70
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91	80	36	-38	-123	-195	-248	-263	-216	-136	-70	-15	20	24	-2	-32	-54	-78	-103	-124
-131	-108	-62	-9	45	-81	111	115	77	28	-39	-81	-85	-55	-23	3	0	-26	-45	-47
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157	208	209	148	49	-100	-212	-270	-252	-190	-108	-16	58	121	141	111	56	-22	-67	-84
-67	-29	10	45	70	47	-27	-104	-164	-189	-175	-133	-47	26	86	128	154	139	120	74
5	-41	-35	-14	1	-2	-5	-19	-9	12	27	23	33	62	94	118	134	128	94	50
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142	143	131	112	80	64	59	43	7	-52	-105	-139	-142	-130	-46	61	162	241	273	244
179	63	-53	-157	-214	-253	-270	-251	-208	-149	-57	28	104	147	158	130	79	8	-60	-121
-150	-147	-102	-53	-17	-12	19	-1	-32	-67	-84	-76	-37	19	74	95	80	54	20	-25
-79	-129	-159	-174	-171	-135	-82	-32	17	46	73	94	84	59	20	-4	-9	-10	-26	-28
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177	156	111	74	30	-27	-78	-119	-169	-194	-199	-176	-133	-79	-8	59	106	145	153	143

[illegible]

IIR251 71.198. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 148 234 FIGUEROA STREET, BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = 195.6 CM/SEC/SEC AT 6.60 SEC VELO = 16.8 CM/SEC AT 12.48 SEC DISP = 8.9 CM AT 13.10 SEC

2354 INSTRUMENT AND BASELINE CORRECTED DATA AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 0.87425 CM/SEC INITIAL DISP = -0.23598 CM

15	68	56	67	69	58	28	-3	-47	-70	-41	-60	-38	11	34	-56	-112	-33	2	-52
-78	-6	-9	-21	32	49	51	57	37	11	-2	-39	-67	-109	-131	-100	-89	-63	-13	17
47	45	3	-26	-7	66	146	177	63	-48	-43	7	32	-22	-6	-1	-44	26	1	-69
-101	-99	-46	0	-87	-97	59	112	52	51	13	7	72	100	14	74	123	93	79	-62
-192	-164	-96	-19	25	-14	0	32	-14	-22	-104	-159	-93	-6	-14	-62	-11	47	87	161
114	-7	4	47	80	62	52	18	-46	-95	-128	-166	-132	-60	-31	-34	15	33	89	153
125	3	-24	-13	-48	-1	54	-10	35	88	42	-61	-79	16	48	-6	-3	-35	-42	15
41	39	2	-21	-4	-75	-229	-255	-74	63	57	66	108	144	102	22	99	128	105	118
220	205	98	70	92	-54	-228	-184	-81	-135	-275	-246	-68	192	298	73	-209	-516	-625	-459
-272	-396	-560	-583	-478	-320	-199	-45	207	448	601	731	632	402	199	157	207	23	-442	-648
-474	-289	49	522	608	521	461	660	841	714	657	706	565	253	-180	-725	-1194	-1332	-1138	-696
-453	-361	-184	142	414	501	333	-73	-172	-44	94	249	164	-123	-349	-463	-415	-344	-416	-545
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535	192	-324	-438	-230	-81	17	192	314	232	99	-144	-515	-744	-642	-608	-752	-893	-990	-1029
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42	35	94	153	133	93	86	109	81	59	35	26	98	207	221	188	187	176	117	102
159	216	235	229	263	327	380	359	288	220	132	87	73	100	122	117	103	110	125	134
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-217	-263	-223	-164	-158	-165	-152	-117	-78	-39	-60	-80	-87	-111	-138	-84	43	135	153	139
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19	-14	-37	-32	-27	-88	-145	-104	-61	-47	-64	-87	-89	-57	15	113	182	191	169	150
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234	197	167	197	201	146	81	46	38	27	33	72	116	151	147	126	123	149	134	98
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IIR251 71.198. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 148 234 FIGUEROA STREET, BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592

EPICENTER 34 24 OON, 118 23 42W
 COMP S53E 34 03 20N, 118 15 25W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -188.3 CM/SEC/SEC AT 8.68 SEC VELO = -18.8 CM/SEC AT 8.96 SEC DISP = -9.5 CM AT 10.08 SEC

2357 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = 3.05758 CM/SEC					INITIAL DISP = 0.07430 CM														
-88	-51	-51	-60	-34	-23	-47	-65	-57	-54	-11	25	5	-71	-111	-74	27	65	30	26
37	44	31	-16	-42	-17	-35	-60	-34	60	94	71	41	-3	-36	-20	1	-23	-66	-71
-35	11	-24	-58	-57	-59	9	-17	-62	-76	-72	-65	-39	-12	-17	-37	-25	4	0	-46
-101	-88	-12	-8	-48	-118	-100	-3	55	54	-6	-122	-150	-68	-2	-4	-17	-47	-93	-103
-21	55	86	65	41	-15	-22	-26	-16	15	47	39	29	23	-20	-83	-67	-28	-46	-95
-95	-2	61	66	60	12	-51	-53	-76	-142	-154	-108	41	117	98	-57	-149	-35	71	92
48	-33	-37	-14	28	6	-52	-68	-122	-164	-114	-27	27	-22	-68	-62	-56	-39	-43	-37
-31	-15	12	-40	-87	-99	-29	98	155	177	172	163	150	169	214	195	216	219	183	216
302	361	377	343	148	-113	-306	-412	-499	-561	-564	-532	-479	-334	-125	-122	-305	-409	-401	-352
-325	-242	-105	126	381	591	716	671	377	202	106	12	-17	77	299	387	354	249	133	33
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285	580	584	323	62	-199	-397	-527	-720	-837	-830	-628	-231	260	541	438	-58	-393	-550	-657
-678	-427	31	276	406	343	136	33	7	-26	81	397	558	593	509	518	600	695	786	773
614	421	178	-60	-267	-362	-322	-285	-377	-494	-556	-559	-491	-391	-311	-355	-493	-548	-581	-536
-349	-321	-420	-445	-248	-74	-243	-484	-704	-787	-813	-792	-637	-404	-242	-209	-264	-325	-313	-78
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430	620	793	749	599	447	381	349	313	180	-15	-151	-248	-289	-295	-285	-258	-160	-21	78
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304	434	456	375	239	158	82	-23	-175	-173	-58	30	96	170	215	226	212	162	98	29
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	7	9	5	0	0	-8	-19	-40	-8	-19	-29	-40	-50	-57	-60	-60	-60	-46	-26	-15	-7	-2	1
	3	9	5	0	0	-6	-13	-41	-6	-13	-24	-41	-51	-61	-73	-74	-56	-37	-20	-11	-6	-7	-8
	-12	-19	-33	-53	-25	-52	-47	-44	-52	-47	-46	-44	-43	-37	-27	-18	-10	-8	-9	-9	-9	-9	-11
	-14	-17	-20	-25	-27	-27	-28	-28	-27	-28	-28	-28	-28	-28	-30	-36	-40	-37	-35	-32	-28	-19	-4
	-5	-11	-15	-37	-37	-39	-35	-20	-39	-35	-27	-20	-13	-6	0	4	4	4	4	3	3	3	3
	7	16	24	32	32	25	18	11	25	18	12	11	10	9	7	5	3	5	9	18	29	39	47
	51	46	36	7	7	-1	0	21	52	39	30	32	26	33	53	58	56	57	62	68	66	65	57
	51	52	53	57	57	52	39	32	52	39	30	32	26	25	22	18	25	39	48	61	72	77	66
	60	54	40	18	18	7	-5	-21	7	-5	-14	-21	-27	-30	-30	-29	-39	-48	-47	-43	-40	-34	-31
	-31	-33	-14	-13	-13	-12	-15	-6	-12	-15	-6	-6	-20	-20	-26	-21	-14	-6	3	14	18	18	5
	-11	-25	-38	-46	-46	-43	-33	-12	-43	-33	-22	-12	-4	2	4	6	5	5	5	7	8	3	-6
	-14	-31	-42	-43	-45	-44	-42	-31	-44	-42	-38	-31	-25	-23	-21	-18	-18	-21	-25	-26	-29	-37	-41
	-41	-37	-25	-16	-12	-8	-4	3	-8	-4	0	3	7	14	16	16	15	15	5	-4	-1	1	6
	20	32	41	42	42	41	39	32	41	39	36	32	21	10	10	9	8	7	9	16	23	28	30
	32	34	35	32	32	27	13	2	27	13	3	2	1	1	0	2	4	0	5	-10	-12	-13	-14
	-15	-16	-17	-20	-20	-22	-24	-28	-22	-24	-26	-28	-27	-20	-12	-7	-4	-4	-3	-2			

IIR251 71.198. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 148 234 FIGUEROA STREET, BASEMENT, LOS ANGELES, CAL. COMP UP 34 03 20N, 118 15 25W
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -67.5 CM/SEC/SEC AT 8.50 SEC VELO = 7.8 CM/SEC AT 7.52 SEC DISP = 4.8 CM AT 8.52 SEC

INITIAL VELO = -0.65601 CM/SEC INITIAL DISP = 0.16178 CM
 2356 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-35	15	80	26	88	-20	-208	-261	-123	-141	-83	-11	54	82	43	-101	-62	81	28	66
226	206	194	113	11	14	-45	-50	25	221	145	31	-30	-28	-62	-123	-182	-229	-18	74
85	128	68	-131	-175	-75	20	108	190	205	215	124	122	-45	-333	-195	-104	-175	-142	-160
-110	-42	-52	-85	-84	43	-18	41	289	366	313	224	144	-54	19	69	-41	-241	-261	-171
-20	88	85	146	38	-37	-20	-43	-97	-142	-129	-69	-1	-15	80	69	192	232	141	193
161	84	40	-46	-301	-125	75	6	-8	-174	-309	-158	-46	-15	171	377	432	307	87	155
227	-141	-283	-54	-49	-159	-131	13	-104	-71	120	46	-102	-120	-58	21	6	208	52	61
41	-30	2	13	-102	-103	-49	23	51	84	146	177	209	143	197	-3	-80	2	40	53
16	-75	-200	-144	-148	-181	81	191	168	89	28	5	134	149	255	132	-178	-101	-43	-242
-279	-182	-190	-245	-340	-276	-162	-58	-78	-75	94	115	88	-63	-44	-81	-65	78	108	144
164	136	167	29	-148	-116	32	-112	-271	-208	22	15	-34	140	217	-58	-160	-107	-104	-63
62	10	-22	-3	0	14	72	11	-72	-141	-1	95	228	297	193	148	64	-142	-236	-229
-142	-166	-189	58	-26	-125	-194	-199	-142	-85	63	-8	-32	33	-29	39	-11	-31	-11	-89
-38	12	-123	-213	-144	-119	34	66	52	-70	-63	70	176	358	427	317	87	-82	-260	-206
-251	-171	-201	-77	92	148	54	136	129	69	147	47	-58	94	182	13	-6	134	166	149
309	309	230	90	-86	-225	-258	-163	-42	-73	-186	-144	-141	-112	-153	-53	88	61	-28	1
37	62	59	-2	-61	105	273	309	217	104	-29	67	103	142	39	-115	-220	-293	-259	-267
-189	-64	113	192	232	176	176	145	193	221	143	11	7	-10	5	136	125	92	71	120
129	176	246	293	218	175	324	208	-5	33	92	235	338	193	40	32	-6	-107	-188	-131
-63	-67	-96	-47	-90	-180	-133	-67	-115	-94	-55	55	62	15	82	118	62	73	86	-21
-45	-94	-199	-233	-159	-189	-147	28	164	223	297	375	347	220	33	0	-23	-101	-133	-145
-325	-398	-431	-472	-631	-675	-593	-464	-485	-475	-415	-284	-101	-48	68	227	250	149	88	0
-140	-307	-319	-160	-93	-201	-336	-265	-160	-86	29	118	116	144	181	234	289	268	188	113
145	227	273	211	121	-7	-134	-186	-205	-168	-193	-266	-338	-287	-159	-38	20	63	100	115
100	127	112	114	37	53	69	94	139	228	226	197	158	102	2	6	36	-5	-2	-22
-70	-70	-63	-22	82	51	53	121	90	50	28	176	139	101	107	175	161	88	108	46
-32	68	192	206	303	319	275	251	199	176	80	68	-61	-145	-174	-142	-111	-168	-187	-139
-126	-57	50	139	167	175	194	188	153	183	98	-91	-209	-190	-163	-230	-188	-116	-75	-5
87	101	18	23	-7	-49	-14	2	20	7	-24	-40	-45	-57	-68	-64	-64	-52	-104	-79
-35	-85	-158	-188	-66	-1	-10	-21	7	12	49	73	52	-7	5	47	49	-22	1	14
-9	-15	-4	2	-9	-20	1	1	11	23	98	116	117	100	73	42	34	-2	-100	-171
-205	-193	-241	-267	-218	-172	-140	-65	9	25	6	-17	-46	-42	-47	-62	-36	-6	-2	23
11	-5	24	22	4	38	97	137	146	72	1	1	26	32	30	33	17	-38	-73	-39
-7	-14	3	-35	-101	-114	-108	-106	-73	-38	-13	19	72	83	54	-14	-73	-124	-165	-175
-108	-11	39	67	77	68	42	38	24	77	67	56	80	96	72	66	93	118	105	79
61	65	52	58	82	96	105	113	76	58	41	48	74	75	70	60	61	56	15	-64
-54	-4	12	27	10	10	12	6	5	4	4	3	4	44	73	65	60	91	158	150
142	124	108	63	53	57	69	69	74	37	-10	-19	-36	-68	-74	-76	-54	-32	-44	-47
-63	-57	-85	-129	-143	-134	-150	-156	-172	-187	-172	-122	-115	-113	-138	-148	-161	-198	-219	-176
-146	-97	-52	0	22	20	9	4	-16	-29	-16	-16	-4	16	18	27	50	58	44	72
96	98	94	144	143	126	123	138	141	167	165	101	49	24	-28	-16	24	40	-13	-93
-116	-127	-141	-159	-169	-123	-102	-130	-161	-110	-72	-34	-7	-10	20	46	24	-25	-54	-44
-32	-42	-20	23	50	45	53	55	57	59	61	76	107	115	87	28	17	38	39	20
21	24	12	-10	-1	36	55	72	75	72	45	37	63	74	75	70	68	65	63	30

-6	-17	-37	-33	-22	-18	-15	-14	-22	-26	-11	4	3	-30	-81	-95	-125	-132	-97	-55
-51	-69	-95	-102	-98	-114	-126	-89	-54	-51	-48	-44	-34	-21	7	19	10	5	21	41
47	56	85	96	93	90	78	75	70	38	35	58	71	73	74	78	81	79	70	65
64	64	59	53	40	17	-1	-25	-41	-33	-27	-22	-17	27	50	44	38	27	14	4
8	11	-45	-63	-36	-10	-34	-77	-70	-75	-70	-58	-64	-62	-44	-30	-26	-35	-40	-39
-40	-65	-91	-82	-65	-51	-68	-59	-51	-37	-21	-21	-32	-44	-53	-38	-4	33	54	58
92	113	100	75	54	37	11	-17	-59	-82	-79	-64	-47	-28	-37	-46	-65	-60	-46	-21
15	66	91	99	100	101	66	48	56	53	38	45	65	77	76	80	87	76	62	64
64	45	31	19	-9	-30	-39	-45	-71	-69	-56	-54	-73	-91	-85	-77	-69	-43	-34	-28
-21	-1	5	6	9	17	13	7	17	45	58	76	82	59	34	9	-9	-19	-15	-5
4	12	15	21	36	65	59	51	45	28	9	20	57	73	57	41	47	43	22	3
-3	-23	-30	-28	-17	23	-47	-37	-2	19	19	51	55	39	44	53	57	51	42	26
34	21	-11	-33	-57	-68	-68	-68	-63	-60	-69	-84	-102	-110	-113	-109	-99	-69	-51	-54
-57	-54	-52	-68	-79	-76	-64	-48	-26	-16	-28	-36	-20	-9	-10	-24	-23	-10	-8	-6
12	39	40	42	46	54	55	53	51	42	33	20	-2	-21	-31	-52	-58	-22	24	48
67	77	74	73	64	52	36	22	1	7	22	5	-10	-23	-24	-13	-2	9	12	2
-11	-25	-27	-15	5	25	51	54	38	13	-8	-20	-16	-13	-6	-13	-17	-21	-22	-23
-24	-19	-2	10	7	-13	-17	-6	-6	-8	-2	13	16	13	13	22	20	21	27	30
21	8	-1	-16	-10	18	33	39	34	36	40	42	45	62	61	46	24	7	-7	-29
-57	-65	-62	-53	-39	-25	-34	-49	-70	-84	-79	-72	-62	-51	-40	-30	-19	-16	-24	-28
-14	-4	-7	-8	-5	3	8	34	49	64	71	79	79	68	47	25	6	15	32	30
13	20	29	42	40	7	0	-3	-11	-15	-11	5	23	29	27	16	-1	-11	-11	4
8	-7	-17	-15	-6	-10	-7	-6	-8	-15	-19	-31	-47	-48	-39	-23	-11	1	12	25
42	34	25	28	22	9	-12	-42	-56	-56	-53	-45	-22	7	7	7	14	25	31	30
30	32	41	42	30	23	24	29	14	-15	-36	-30	-27	-29	-24	-7	11	17	25	16
8	12	-2	-21	-29	-22	-6	-9	-10	-16	-14	-25	-39	-30	-4	-13	-31	-47	-43	-49
-44	-36	-9	18	14	24	18	28	38	30	12	5	34	43	35	10	27	40	40	35
39	28	3	-10	-17	-20	-16	-8	-23	-13	-8	-10	-34	-36	-12	-6	-23	-16	-12	-3
4	-10	-23	-22	-14	-13	-14	-13	3	12	2	-6	-3	4	-6	-19	-29	-26	-27	-14
18	28	20	5	8	31	30	26	25	24	18	21	18	10	9	23	33	29	29	28
25	22	19	11	6	5	-2	-2	-1	-6	-18	-25	-24	-23	-22	-20	-18	-19	-19	-20
-20	-14	-3	6	15	15	19	25	30	29	25	21	8	-4	1	2	4	5	8	9
11	13	11	12	22	11	-5	2	7	3	-5	-13	-5	0	-11	-24	-12	8	11	10
7	10	16	15	12	12	10	8	0	-12	-28	-42	-48	-51	-59	-46	-36	-25	-14	-19
-10	-11	-25	-23	-1	13	-3	-7	16	20	15	-5	-14	-3	18	0	-28	-27	-27	-20
-11	-3	0	2	14	23	19	18	11	-2	4	8	-5	-25	-18	-15	-13	-9	-7	-8
-6	0	7	14	22	22	15	19	24	19	3	-14	-29	-37	-41	-42	-27	-10	7	16
30	49	50	35	5	-19	-31	-34	-46	-33	-21	-20	-21	-14	3	7	-2	-4	5	11
9	10	5	-2	-4	-4	-4	-3	1	8	21	30	32	33	33	32	31	27	19	14
12	7	-7	-18	-31	-40	-42	-42	-27	-12	-6	-6	-3	-5	-11	-10	2	25	56	65
51	41	42	41	35	26	18	10	3	-8	-18	-22	-7	2	15	25	34	45	39	27
22	19	14	0	-8	26	-9	-28	-28	-24	-12	-2	4	0	-6	-15	34	-28	-22	-10
17	20	22	24	26	28	30	33	27	17	18	3	-21	-49	-77	-80	-64	-45	-33	-23
-12	6	20	37	47	36	19	11	2	-8	-17	-24	-24	-19	-13	-6	1	8	10	3
-1	-6	-12	-8	3	15	28	29	16	0	-14	-23	-27	-25	-22	-16	-11	-9	-9	-18
-32	-46	-54	-57	-60	-59	-55	-42	-26	-3	26	55	60	53	50	43	31	17	5	-8
-21	-38	-42	-24	-7	5	12	24	34	34	28	20	15	6	-2	0	7	-5	-20	-22
-25	-30	-25	-12	8	23	29	40	49	46	45	41	32	17	4	-3	-5	-12	-5	13
-15	-10	-13	-13	-9	-10	-15	-17	-16	-11	-25	-32	-42	-43	-51	-56	-55	-49	-39	-26
35	31	30	20	-1	-7	-15	-20	-24	-3	11	21	23	26	31	32	22	12	8	3
-2	-4	1	-4	-7	-13	-18	-22	-26	-28	-31	-26	-14	3	9	8	7	5	-4	-7
-4	5	20	14	7	6	-1	-3	4	11	6	11	7	10	3	9	20	20	19	18
1	12	7	1	-3	-8	-12	-13	-5	-1	-19	-20	-21	-1	3	9	7	5	1	1
1	5	7	3	-3	-8	-12	-13	-14	-16	-19	-20	-21	-22	-21	-19	-17	-15	-16	-17

-17	-18	-18	-17	-13	-8	-1	6	9	12	13	13	14	16	18	20	21	20	19	17
12	5	6	14	21	20	14	9	9	3	-14	-19	-24	-25	-26	-26	-27	-23	-17	-9
-1	1	-3	-5	-4	-1	0	-1	-1	-9	-26	-31	-33	-39	-39	-28	-17	-10	1	6
5	4	4	-3	-12	-9	-7	-5	-6	-7	-8	-13	-17	-16	-13	-12	-7	-3	-5	-13
-18	-9	-2	4	5	7	12	13	13	13	13	13	13	13	14	14	9	5	7	6
7	9	15	19	28	33	31	33	34	34	34	31	27	16	8	8	3	-5	-7	-8
-8	-8	-8	-3	-8	-8	-5	-7	-7	1	1	1	0	-2	-4	-4	-4	-4	-4	-3
-4	-3	-3	-3	-4	-5	-6	2	2	-9	-11	-11	-11	-12	-12	-12	-11	-8	-8	-6
0	3	4	3	4	4	6	6	6	-12	-13	-10	-6	4	19	20	22	23	29	35
32	21	16	15	15	15	15	15	15	13	9	6	7	8	5	5	6	8	10	11
12	13	12	8	4	-3	-7	-8	-9	-8	-1	9	10	3	-4	-8	-11	-10	-10	-10
-10	-11	-8	-2	2	4	3	2	1	0	-1	-1	1	1	0	-1	-1	0	2	3
3	0	-3	-6	-8	-8	-7	-9	-12	-13	-14	-14	-15	-15	-16	-16	-16	-15	-14	-13
-12	-11	-10	-9	-9	-9	-9	-9	-9	-13	-15	-14	-14	-13	-12	-11	-11	-10	-6	-4
-8	-8	-5	-2	3	4	2	1	0	-1	-1	-2	-3	-7	-13	-18	-21	-22	-18	-11
-7	-5	-3	0	4	12	19	23	20	16	13	11	9	7	6	6	7	9	11	13
15	15	12	10	8	8	8	8	8	8	7	7	6	6	5	5	4	3	2	3
4	5	6	7	8	9	11	12	12	13	13	13	13	10	-1	-7	-7	-12	-15	-11
-6	-6	-6	-4	-1	-3	-7	-8	-9	-10	-12	-12	-12	-11	-11	-11				

IIR252 71-199. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 150 234 FIGUEROA STREET, ROOF, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 487.0 CM/SEC/SEC AT 5.82 SEC VELO = 40.3 CM/SEC AT 8.02 SEC DISP = 15.2 CM AT 12.42 SEC

2322 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

29	226	246	239	265	214	32	-160	-321	-300	-224	-170	22	207	215	177	82	-106	-315	-413
-344	-118	55	161	246	300	300	263	23	-266	-325	-215	19	180	268	308	270	122	-123	-255
-273	-310	-276	-159	18	117	90	19	-51	-161	-204	-167	-24	107	177	129	74	48	-56	-155
-162	-105	28	175	193	91	70	50	-172	-414	-422	-275	-73	73	128	140	161	67	-38	-71
-63	42	122	127	117	144	185	74	-170	-269	-240	-260	-164	117	380	272	-64	-113	-6	-43
-190	-278	-157	22	128	157	243	345	252	7	-159	-210	-187	-50	97	230	252	304	259	23
-258	-368	-346	-383	-443	-334	-67	207	273	206	130	-29	-188	-244	-129	60	248	514	816	826
488	311	265	66	-300	-540	-589	-354	153	593	748	482	58	-285	-612	-1002	-1244	-1312	-1384	-1300
-998	-703	-495	-409	-343	-217	-176	-53	146	433	809	1167	1102	614	232	-34	-155	78	344	558
748	1000	1329	1684	1913	1953	1766	1436	1326	1361	1172	667	173	-296	-839	-1540	-2213	-2408	-2003	-1392
-813	-397	-426	-843	-1322	-1832	-2033	-1936	-1794	-1534	-1084	-623	-74	353	311	-241	-738	-808	-635	-417
-60	465	1304	1995	2326	2181	1905	1910	2070	2284	2260	1925	1508	1484	1510	1170	591	430	561	525
434	390	260	-125	-988	-1981	-2436	-2307	-1880	-1203	-229	683	1203	1040	476	-293	-1108	-1578	-2649	-2686
-2356	-1462	-305	231	529	619	241	-776	-1846	-2455	-2434	-1794	-1236	-550	283	1246	2225	2633	2102	1206
213	-645	-1349	-1825	-1647	-782	77	692	1873	3411	4620	4870	4106	2630	1063	-33	-1105	-2016	-2526	-2465
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[illegible]

IIR252 71-199. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 150 234 FIGUEROA STREET, ROOF, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592
 EPICENTER 34 24 OON, 118 23 42W
 COMP S53E 34 03 20N, 118 15 25W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS	ACLN = 418.9	CM/SEC/SEC AT 6.36 SEC	VELO = -41.7	CM/SEC AT 8.34 SEC	DISP = -11.4	CM AT 9.20 SEC													
2321 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = 2.75004 CM/SEC INITIAL DISP = 0.94082 CM																			
-105	-262	-345	-256	-115	-109	-124	-90	68	145	99	48	109	150	181	215	132	25	-28	-15
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686	729	752	724	643	534	452	404	386	380	352	251	91	-103	-273	-418	-558	-663	-704	-712
-696	-665	-656	-651	-581	-462	-302	-146	15	139	232	343	461	568	636	673	687	694	683	635
551	445	357	289	193	67	-77	-217	-335	-450	-548	-613	-669	-707	-713	-686	-611	-479	-332	-177
-47	33	78	131	213	313	479	642	762	805	752	644	514	398	302	221	140	56	-43	-164
-270	-382	-477	-496	-480	-462	-457	-451	-435	-405	-345	-258	-159	-51	71	177	242	253	256	258
274	306	357	410	435	410	319	219	140	61	-28	-139	-201	-242	-281	-348	-424	-470	-495	-510
-502	-461	-379	-280	-195	-149	-115	-88	-54	-13	14	62	139	237	315	384	442	467	436	400
382	384	388	387	378	342	261	164	64	4	-49	-108	-170	-230	-281	-322	-341	-375	-427	-454
-435	-355	-235	-107	13	87	114	149	222	320	408	486	554	593	563	455	316	198	130	81
34	-40	-130	-237	-358	-459	-535	-564	-523	-449	-384	-334	-291	-235	-197	-154	-81	27	146	256
334	392	442	492	520	539	521	480	443	408	336	239	125	28	-27	-62	-111	-209	-350	-505
-612	-676	-672	-626	-588	-542	-477	-433	-402	-366	-294	-184	-65	54	164	241	290	334	384	440
485	506	506	497	472	402	331	269	209	128	9	-125	-204	-281	-328	-332	-338	-340	-340	-340
-338	-321	-288	-261	-226	-168	-96	-26	31	68	89	89	83	84	107	130	147	149	149	143
119	94	70	31	9	-6	-11	-25	-59	-113	-177	-215	-207	-183	-169	-152	-143	-147	-142	-128
-92	-35	22	48	66	82	94	112	138	158	173	195	225	260	285	269	228	191	146	118
97	76	56	54	48	36	-4	-71	-143	-196	-217	-211	-188	-166	-154	-164	-193	-214	-234	-224
-208	-181	-151	-90	-26	45	77	81	88	109	143	196	251	295	319	338	335	323	296	256
227	198	155	91	-2	-94	-182	-240	-282	-305	-306	-294	-268	-224	-197	-197	-186	-130	-57	20
62	92	111	127	156	165	175	208	261	307	304	262	197	150	105	59	12	-5	14	42
48	23	-39	-122	-154	-156	-153	-141	-120	-89	-59	-40	-40	-39	11	77	129	144	108	53
36	56	96	146	196	203	170	85	-23	-139	-245	-315	-326	-265	-174	-98	-67	-66	-71	-35
6	57	117	167	197	201	164	88	-7	-73	-91	-100	-122	-130	-119	-135	-171	-183	-114	8
111	156	143	90	-24	-161	-216	-163	-68	6	12	-38	-87	-108	-99	-47	39	129	208	261
252	164	83	60	83	121	173	222	188	38	-132	-242	-281	-282	-255	-218	-190	-202	-258	-357
-485	-536	-443	-270	-101	50	126	121	75	25	19	52	81	92	106	139	183	205	203	204
221	252	215	117	9	-102	-177	-201	-188	-170	-150	-131	-134	-163	-187	-164	-99	-30	24	71
98	137	166	194	216	246	281	290	244	161	95	75	50	14	-33	-73	-88	-62	-4	61
80	58	-15	-95	-163	-223	-238	-154	-2	110	134	135	110	85	100	145	195	249	280	262
190	104	18	-47	-83	-87	-74	-69	-105	-167	-214	-254	-290	-319	-292	-186	-79	7	57	90
109	131	143	146	154	151	142	117	112	145	184	206	193	129	68	7	-37	-76	-97	-111
-128	-168	-227	-268	-283	-257	-205	-161	-111	-46	-8	1	7	57	111	143	140	129	138	163
185	201	200	184	157	118	73	26	3	-20	-37	-63	-102	-152	-206	-241	-257	-249	-227	-192
-152	-118	-91	-38	14	65	103	140	176	197	208	224	245	265	245	197	147	126	109	72
5	-51	-83	-110	-150	-206	-238	-243	-228	-210	-195	-178	-157	-143	-134	-91	-36	39	101	130
133	118	95	96	106	114	93	57	28	9	1	-3	-9	-7	-21	-54	-85	-94	-94	-95
-116	-124	-90	-55	-55	-64	-67	-48	-27	-2	7	19	42	62	59	47	46	56	64	68
59	38	18	-2	-25	-51	-74	-86	-83	-79	-70	-62	-42	-17	7	-6	-45	-57	-26	16
27	21	25	42	55	49	38	40	67	74	66	41	35	44	42	11	-10	-17	-9	9
38	51	36	2	-24	-21	-1	20	37	27	3	-30	-70	-84	-52	2	69	110	115	91
63	38	28	48	80	109	128	107	56	4	-43	-74	-83	-66	-29	1	11	2	-28	-59

[illegible]

IIR252 71.199. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 OON, 118 23 42W
 STATION NO. 150 234 FIGUEROA STREET, ROOF, LOS ANGELES, CAL. COMP UP 34 03 20N, 118 15 25W
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 103.4 CM/SEC/SEC AT 6.30 SEC VELO = -10.1 CM/SEC AT 8.36 SEC DISP = 4.6 CM AT 7.84 SEC

INITIAL VELO = 0.73504 CM/SEC INITIAL DISP = -0.06100 CM

2320 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

229	37	-85	-131	-182	-71	-139	-238	-53	311	294	49	-294	-487	-227	297	494	277	-73	-167
83	352	314	-209	-809	-525	259	399	-67	-642	-583	132	566	98	-389	-247	41	458	661	320
-87	-154	24	63	0	3	-209	-357	-146	-73	218	309	103	44	-171	-273	77	137	-203	-312
-168	139	233	124	-37	89	365	385	141	-132	-216	30	43	-442	-266	367	447	95	-577	-1030
-403	541	786	512	189	89	331	198	-115	-43	-166	-340	-70	64	-127	-158	123	123	181	93
-90	-442	-351	222	403	243	220	-11	-128	-117	-113	40	195	-139	-373	-168	199	428	341	96
-7	149	240	213	-185	-458	-26	486	402	-18	-475	-629	-187	246	80	0	129	157	196	134
-242	-65	362	648	346	-490	-745	-236	180	62	19	-74	-238	-316	-396	-291	136	164	57	-83
-343	-426	-392	-174	-34	180	233	110	-6	120	290	436	411	-175	-399	47	199	-185	-574	-401
165	471	329	236	-74	-435	-86	414	376	85	41	-123	-171	-13	34	-221	-286	-330	-147	54
12	37	190	331	321	66	-280	-476	-438	-155	105	60	-119	204	230	-224	-483	-184	-156	-442
-371	-103	150	248	11	-48	-93	191	364	355	108	-145	-117	24	-32	-128	-28	187	343	361
112	-15	295	429	74	-582	-837	-726	-209	321	370	-40	-72	75	155	188	236	47	-234	28
127	-88	-191	184	336	94	138	-226	-269	-53	223	161	-101	15	-65	-124	238	537	435	-184
-170	-61	-129	-544	-901	-192	390	-105	-258	37	448	497	124	-175	30	159	345	-130	-416	127
-170	249	8	410	337	210	7	-238	-348	-89	127	245	-30	-326	350	1034	305	-547	-601	-593
-404	85	6	-107	-61	305	462	-80	-256	130	349	476	910	622	-93	-69	351	119	23	79
589	513	369	69	-68	32	27	-92	-128	127	316	169	-186	-704	-862	-595	-339	-329	-212	-87
-44	42	-80	100	501	512	197	-306	-539	-287	-61	-285	-574	-377	72	474	750	517	-10	58
384	296	18	-114	-341	-393	-157	-113	-118	-257	-482	-634	-598	-564	-434	-83	3	-192	-136	31
33	-175	-142	-321	-209	154	111	-53	-164	-404	-547	-376	100	221	-72	-421	-648	-608	-203	321
453	179	257	309	366	332	170	-89	-89	30	64	53	157	123	-106	-257	-34	121	131	33
-119	-233	-99	-49	-250	-88	114	252	176	347	546	513	297	185	8	-63	143	218	161	95
-26	-254	-318	-228	-130	-107	-130	-311	-266	39	354	340	312	427	373	73	-14	-113	-237	-375
-308	38	321	315	97	61	188	317	284	127	-19	75	155	294	470	391	295	235	386	368
335	136	-276	-476	-413	-188	-242	-231	-68	173	318	336	336	181	107	25	-55	-272	-382	-184
-155	-85	52	73	-16	-299	-280	-122	-15	61	165	136	-22	-70	-196	-213	-8	253	109	-125
-50	-19	39	-85	-201	-151	127	292	126	56	-9	-100	-264	-250	-94	22	78	50	71	112
155	179	55	-138	-193	-19	118	-77	-430	-524	-222	223	322	81	-197	-151	16	4	-172	-208
-99	83	303	327	117	-49	-43	18	-22	-114	-191	-372	-545	-448	-176	68	119	125	106	162
165	102	16	12	-45	-25	51	109	131	155	-23	-125	-166	-179	-197	-206	-38	60	26	-25
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32	163	280	245	53	-110	-90	-37	-42	-110	-131	-12	91	107	17	-57	-82	-4	153	165
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-42	-65	-19	-51	-84	-63	-41	-24	-49	-109	-131	-86	-56	-45	-62	-80	-106	-81	-100	-220
-260	-146	-12	15	-66	-191	-251	-283	-262	-207	-164	-85	27	121	97	10	-68	-92	-40	14
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179	162	101	-17	-138	-125	-7	34	-64	-151	-148	-96	-30	-37	-124	-137	-112	-95	-112	-73
25	69	68	71	34	-64	-183	-220	-147	-65	-20	-18	-48	-5	65	89	67	46	70	66
56	37	56	91	55	-20	-23	110	194	103	-17	-72	-39	77	184	152	6	18	108	127
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89	176	135	56	51	85	84	60	42	48	81	125	108	20	-69	52	90	67	-11	-140	-275
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60	128	183	155	119	93	81	101	154	162	127	61	-14	-65	-108	-124	-125	-90	-68	-93	-93
-145	-168	-192	-206	-186	-158	-125	-50	-3	1	-28	8	62	51	9	-12	38	111	136	133	133
86	67	63	50	43	74	121	116	57	61	32	52	104	114	99	113	63	-31	-86	-102	-102
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171	76	-17	-47	-19	44	115	159	192	168	112	47	51	87	104	107	96	71	39	39	22
-3	-47	-69	-34	6	24	23	-14	-42	-45	-16	19	54	39	-5	31	46	6	-52	-49	-49
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-41	-7	12	17	27	50	63	84	54	-2	-15	3	10	-7	-15	-21	-20	-20	-21	-13	-13
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4	5	8	10	5	6	-7	-13	-18	-7	8	27	15	-16	-17	1	2	-12	-13	-3	-3
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-8	-14	-11	-5	-6	-7	7	0	-20	-20	2	21	20	20	8	-3	2	17	15	2
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-12	-23	-26	-25	-19	-2	16	12	6	-1	-3	-22	-27	-34	-36	-31	-13	-3	6	8
2	-14	-37	-33	-16	-8	-12	-19	-11	-10	0	7	8	-3	-8	-6	-15	-29	-29	-5
15	1	7	11	7	-13	-18	-12	-3	1	9	5	-5	2	16	12	-6	-20	-26	-26
-21	-21	-15	-13	-6	-3	-7	-15	-18	-20	-12	-15	-14	6	18	0	-21	-20	-11	2
1	-13	-10	2	9	6	0	8	19	16	-2	-15	-13	-12	-3	5	6	6	16	20
6	-9	-20	-16	-5	-2	-11	-15	-10	4	11	11	7	20	32	36	29	25	26	22
7	1	17	21	9	2	-10	3	20	25	18	17	27	23	18	15	19	29	14	5
1	0	2	-2	-5	-3	-1	3	14	17	13	-1	-19	-8	8	8	1	8	18	10
-10	-17	-9	-3	-18	-22	-14	-6	-6	-5	-8	-6	-4	0	0	-15	-30	-23	-5	2

IIR253 71.200. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 160 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = 242.0 CM/SEC/SEC AT 11.90 SEC VELO = 19.3 CM/SEC AT 11.96 SEC DISP = 11.5 CM AT 13.22 SEC

1819 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.95540 CM/SEC INITIAL DISP = 0.88407 CM

EPICENTER 34 24 00N, 118 23 42W
 COMP NS0W 34 03 09N, 118 15 28W
 BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS	ACLN =	242.0	CM/SEC/SEC AT 11.90 SEC	VELO =	0.95540	CM/SEC	INITIAL VELO =	0.95540	CM/SEC	INITIAL DISP =	0.88407	CM	DISP =	11.5	CM AT 13.22 SEC				
1819 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
-12	-37	-49	-40	-18	8	-15	-52	-62	-62	-29	10	14	-15	-27	-3	26	30	-4	-36
-86	-78	-19	68	64	18	-7	-20	-24	2	-26	-28	-21	-4	-9	30	61	50	24	23
18	-6	-47	-89	-104	-73	-34	25	76	71	8	-12	-43	-51	-56	-68	-65	-29	7	29
54	67	33	-45	-81	-11	59	4	2	-32	-48	21	-29	-13	-24	28	-18	-82	-102	-71
-32	-12	-20	38	64	58	13	-25	-33	-32	-60	-108	-78	-50	-12	30	52	68	48	36
-44	-108	-50	-26	-22	25	11	-24	-13	49	22	13	-38	-7	21	-32	-25	0	49	21
11	12	2	34	-19	42	-10	-3	-30	-89	5	37	5	87	112	107	88	68	13	-4
-9	-65	-120	-60	-62	-29	-38	83	54	5	17	-1	17	52	38	-2	-46	-70	-132	-92
-12	23	41	94	67	38	127	94	2	-63	-90	-84	-42	2	49	79	133	114	49	5
42	39	99	111	135	158	38	-26	30	28	60	-3	-25	13	-37	4	88	82	29	15
74	72	9	-49	-81	-30	71	154	114	60	62	17	-28	12	-28	-53	-91	-73	-53	-12
38	-33	-69	2	3	60	58	107	92	11	-7	-14	43	77	17	-21	21	-15	36	134
67	-22	41	26	-44	-89	-7	97	103	51	32	-42	-15	-91	-97	53	218	284	244	130
93	11	-42	19	73	-46	-169	-254	-250	-127	-79	21	82	138	157	114	74	202	115	9
24	32	39	50	35	-149	-305	-208	-155	-133	-17	12	38	-14	-142	-267	-243	-155	-269	-340
-326	-340	-214	-9	58	44	-142	-311	-287	-284	-112	413	832	817	759	719	525	94	-252	-460
-345	-105	97	501	878	1042	892	354	-392	-973	-1221	-1097	-545	115	385	297	164	82	-203	-606
-466	-387	-693	-1049	-916	-312	229	464	355	350	395	256	15	-109	-201	-367	-268	53	308	208
20	-129	-29	-193	-817	-869	-249	198	307	453	576	524	233	-140	-254	-45	152	339	732	1048
743	-112	-653	-528	-271	-48	273	497	489	391	234	-100	-519	-640	-677	-745	-666	-219	513	773
563	455	359	-28	-383	-555	-655	-810	-833	-497	-226	-201	-67	-3	-335	-592	-344	-171	-514	-580
-113	311	718	1053	1050	733	22	-1030	-1002	-563	-598	-446	33	154	-227	-741	-688	-483	-663	-601
-254	105	630	1256	1489	1399	1204	1220	1350	1103	437	118	243	223	-119	-372	-163	262	594	753
820	679	179	-961	-1875	-2023	-1710	-1201	-620	-151	94	207	349	298	-23	-145	-65	-177	-304	-87
555	874	583	398	117	-312	-376	-95	108	371	505	404	277	437	578	343	-9	-214	-402	-366
-32	224	41	-254	-380	-282	101	510	503	401	693	644	279	-194	-671	-1091	-1086	-948	-1219	-1239
-701	11	409	457	325	148	194	295	256	33	-231	-416	-458	-319	-59	238	372	430	753	1025
879	593	610	755	602	297	261	298	286	448	676	778	746	888	811	406	123	35	-157	-336
-419	-519	-514	-378	-76	410	697	517	309	279	246	172	183	164	41	-50	-162	-471	-946	-1286
-1440	-1395	-1158	-833	-837	-787	-560	-117	350	635	661	612	536	960	1874	2420	2213	1056	-332	-827
-616	-45	302	307	141	74	54	-187	-350	-212	-108	-421	-393	-103	-67	-178	-178	83	91	-206
-250	-28	4	-215	-400	-511	-535	-413	-291	-314	-485	-556	-401	-120	114	188	-9	-138	-106	-77
-18	55	118	115	26	-289	-541	-298	115	278	416	570	419	158	-43	-92	-95	-146	-388	-758
-926	-882	-733	-572	-499	-469	-340	-182	-89	-32	46	38	111	211	134	-110	-217	-288	-304	-128
-31	-63	24	211	331	243	77	-91	-286	-363	-345	-285	-272	-245	-184	-26	34	-76	-107	27
233	274	97	-43	-110	-173	-182	-52	-15	-59	-101	-161	-268	-298	-262	-239	-205	-158	-184	-166
-126	-159	-191	-180	-106	-6	136	239	276	278	325	456	506	416	252	107	85	76	38	32
80	223	310	305	313	331	308	199	31	-75	-38	69	163	212	216	238	299	352	339	280
145	-53	-168	-179	-95	7	90	100	63	41	58	118	192	230	221	43	-180	-297	-336	-326
-266	-190	-148	-122	5	239	343	304	285	293	210	90	66	103	189	176	67	-42	-90	-42
69	135	90	-86	-167	-90	13	72	38	-77	-156	-66	22	85	39	-67	-53	58	69	2
-102	-183	-264	-276	-191	-74	52	96	-9	-105	-126	-124	-110	-43	-37	-81	-92	-79	-132	-227
-279	-229	-80	24	35	35	82	168	240	295	314	323	312	283	270	306	354	311	143	-5
-3	110	171	109	22	-27	-51	-92	-80	-86	-98	-36	55	129	168	186	144	63	6	4

-9	-49	-111	-88	-38	-49	-56	-47	-31	61	217	269	182	98	81	63	-3	-62	-20	82
103	82	89	144	218	255	272	291	272	179	137	133	78	11	50	179	195	65	-60	-139
-181	-217	-222	-130	-65	-7	95	148	145	97	12	-61	-125	-152	-141	-87	-10	51	19	-64
-134	-137	-77	-71	-188	-303	-342	-281	-169	-82	-93	-135	-61	55	39	-20	-50	-135	-185	-139
-117	-139	-130	-109	-167	-253	-296	-306	-198	-64	-78	-128	-159	-212	-338	-404	-361	-301	-261	-141
13	63	4	-62	-86	-98	-116	-54	-6	-47	-129	-149	-106	-40	9	12	8	12	-18	-41
-10	25	-10	-34	-26	-59	-130	-217	-304	-323	-211	-52	89	152	131	88	94	127	87	69
60	-11	-30	31	123	156	160	179	225	273	266	175	75	9	-53	-93	-65	7	88	114
53	-14	-26	1	-10	21	96	93	39	-38	-23	65	113	133	153	160	159	158	148	122
69	16	4	7	-52	-72	-37	25	87	152	172	166	160	124	133	164	208	220	175	117
81	99	184	274	275	187	86	1	-58	-95	-108	-118	-147	-165	-155	-84	-3	34	41	30
-61	-156	-160	-106	-94	-117	-84	-42	-2	35	47	-17	-95	-132	-153	-131	-78	-56	-101	-91
-29	-18	-19	-18	-22	-43	-73	-64	-18	-13	-44	-34	20	65	70	75	68	20	-30	-46
-33	-42	-64	-55	-33	23	88	144	140	72	12	-25	-74	-122	-80	32	107	167	187	111
16	-13	-19	-32	-71	-51	-6	4	-1	-18	-8	11	-12	-70	-141	-136	-47	-36	-114	-169
-154	-111	-70	-42	-37	-28	-32	-41	-4	74	107	69	42	70	89	129	160	102	41	46
99	113	57	10	17	68	107	142	145	92	34	1	-39	-50	-29	-12	-63	-102	-70	-7
0	-15	-4	27	80	65	-7	-61	-57	-15	-14	-54	-95	-72	-13	9	11	12	12	13
-5	-6	16	36	45	57	89	103	80	43	26	-4	-50	-75	-72	-64	-53	-41	-57	-63
-34	5	45	68	36	31	52	42	-7	-60	-118	-130	-82	-12	46	-77	84	85	80	42
-32	-62	-78	-80	-67	-37	-48	-94	-103	-53	-17	-15	-37	-71	-97	-115	-129	-107	-61	-14
26	11	-40	-64	-44	-16	-18	-37	-57	-49	8	40	55	61	58	18	-19	-22	-14	-22
-14	41	72	33	-4	13	59	55	12	-10	21	45	38	7	27	70	56	28	8	-10
-21	8	39	92	137	125	86	35	-4	-13	10	76	155	158	92	55	12	-28	-41	-35
3	14	6	20	53	58	38	68	98	73	50	88	131	107	37	-32	-72	-43	27	60
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87	52	-16	-54	-37	-24	-14	-12	-6	-12	-32	-50	-51	-52	-50	-24	-12	-42	-46	-43
-68	-72	-66	-95	-124	-97	-54	-59	-80	-86	-59	-36	-10	2	-29	-66	-60	-22	10	16
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-36	-28	-27	-18	-6	-23	-46	-44	-39	-40	-49	-54	-71	-88	-85	-79	-87	-63	-14	0
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-3	0	19	20	33	67	103	133	117	81	61	53	30	-1	-10	12	18	15	1	-33
-47	-32	-26	-39	-42	-7	35	75	92	32	-41	-65	-45	-5	41	77	80	62	38	29
30	2	-54	-93	-100	-81	-56	-18	6	3	2	2	6	29	63	73	68	49	38	25
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-83	-84	-94	-109	-106	-104	-94	-82	-82	-83	-76	-56	-28	-28	-6	33	60	81	87	70
34	0	-10	3	9	-10	-38	-42	-21	-8	24	43	45	56	65	72	65	62	61	48
38	41	57	76	78	86	104	93	55	13	-28	-36	-11	4	3	5	9	12	10	-8
-37	-63	-75	-64	-55	-43	-25	4	23	27	22	8	3	-2	7	21	34	53	46	16
-24	-15	25	44	45	45	50	68	76	70	63	53	24	-9	-5	32	21	-18	-32	10
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2	-11	-26	-11	-11	-14	-15	-12	8	26	21	17	54	73	46	15	26	39	21	3
-16	-28	-15	-7	-18	-21	-19	-33	-51	-47	-44	-34	-55	-65	-55	-37	-31	-32	-30	-20
-21	-25	-27	-16	-4	1	-2	-15	-27	-21	-15	-25	-38	-35	-21	-15	-9	-19	-33	-45
-60	-55	-26	14	34	20	5	13	29	14	-18	-31	-22	-22	6	0	-18	-12	4	8
23	43	53	47	33	7	-24	-50	-62	-66	-41	-2	20	22	27	29	31	22	12	-5
-24	-41	-61	-83	-94	-92	-66	-42	-31	-4	20	11	-6	-32	-56	-60	-40	-6	-1	

-172	-183	-135	-104	-92	-60	-12	-3	6	51	-2	-199	-324	-353	-394	-472	-528	-544	-493	-383
-233	-131	-66	-31	-90	-181	-217	-210	-229	-239	-202	-132	-76	-131	-190	-212	-166	-119	-50	-35
-86	-141	-114	-74	-117	-212	-253	-175	-70	-52	-55	-48	-15	-34	-83	-110	-125	-151	-171	-164
-125	-76	-63	-66	-18	45	80	58	38	-10	-8	55	43	-12	-52	-46	-94	-94	-139	-183
-183	-107	-53	-77	-64	-21	-5	-41	-89	-128	-149	-149	-81	-46	-76	-48	63	188	256	226
160	87	61	86	93	44	-31	-11	160	283	274	208	163	145	146	102	70	65	2	-58
-5	72	87	76	7	-55	-24	71	130	92	-4	-70	-53	48	128	146	146	102	7	-96
-165	-182	-139	-151	-182	-152	-70	-11	-9	-9	-44	-93	-129	-170	-159	-134	-173	-179	-86	-3
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19	13	75	108	50	-10	-2	67	132	138	111	133	189	217	208	174	136	121	129	129
136	144	90	0	-34	-48	-35	5	53	64	113	194	223	194	146	131	77	-4	-41	-13
19	58	132	167	137	77	60	59	9	-9	42	90	117	139	101	81	118	107	24	-45
-56	-8	54	43	-35	-37	36	82	9	-74	-76	-35	32	87	107	84	19	-31	-47	-58
-141	-204	-208	-150	-77	-51	-29	0	21	79	139	100	-17	-88	-105	-111	-115	-164	-213	-199
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41	6	4	51	96	47	-30	-30	-10	-15	-41	-17	24	29	18	-13	-12	46	101	95
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-48	-27	-37	-53	-44	-32	-38	-44	-44	-21	24	57	70	82	100	119	102	23	-58	-65
-46	-54	-60	-38	-11	-6	-68	-172	-223	-151	-11	44	24	-3	-67	-143	-196	-195	-114	-73
-101	-185	-234	-150	-21	19	4	-9	-30	-80	-89	-33	23	41	-34	-79	-53	-36	-30	-23
11	19	22	66	64	32	27	40	8	-54	-60	-28	-11	0	34	26	-28	-43	-8	11
-12	-27	-35	-23	36	92	79	9	-43	-36	30	99	140	133	79	28	32	40	-17	-28
-4	26	45	42	4	12	48	52	11	3	32	19	-16	-38	4	96	121	116	137	155
107	66	60	34	27	48	66	58	1	-88	-135	-134	-63	2	28	36	30	40	45	10
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-1	-89	-75	40	108	53	-2	16	77	118	119	105	78	47	62	85	79	61	14	-36
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-159	-169	-142	-147	-166	-138	-72	-58	-78	-75	-78	-75	-75	-54	-32	-29	-39	-54	-83	-93
-49	-23	-32	-17	18	38	29	22	15	-6	7	51	66	60	61	42	12	6	15	31
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-29	-75	-105	-66	-22	-20	-32	-33	5	59	83	81	76	40	15	10	-5	-8	-28	-46
-38	5	45	71	100	123	108	39	19	59	113	150	133	80	29	28	72	73	16	-31
-34	-6	33	40	6	-13	1	14	27	35	27	-4	-26	-31	-35	-35	-34	-67	-111	-96
-35	22	8	-63	-88	-27	14	1	-11	1	11	5	-16	-37	-51	-40	-1	30	44	32
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-144	-155	-141	-138	-186	-187	-124	-60	-28	-25	-40	-53	-61	-66	-74	-105	-120	-71	-48	-74
-58	-35	-30	-23	-17	-10	27	62	70	52	11	-39	-68	-75	-75	-75	-53	-13	-2	-2
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105	90	82	53	40	49	47	15	-22	-31	-28	-13	19	23	4	-28	-48	-15	7	-22
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93	78	86	80	57	27	22	18	2	-16	-16	19	31	36	35	31	27	27	33	35
33	17	-11	-20	-3	31	53	55	53	37	-16	-29	-31	-22	13	36	20	-5	-7	5
7	2	-31	-76	-77	-52	-44	-54	-49	-34	-24	-19	-6	1	1	-8	24	74	74	48
49	60	55	19	-10	-2	15	30	28	32	35	37	41	25	3	-12	-14	-36	-60	-59
-54	-66	-65	-52	-35	-19	-10	-25	-41	-37	-38	-43	-61	-74	-73	-54	-26	-8	-7	-17
-50	-68	-54	-42	-53	-70	-69	-61	-46	-12	-2	-23	-26	-27	-36	-47	-46	-57	-71	

IIR253 71.200. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 160 535 S. FREMONT AVENUE, BASEMENT, LOS ANGELES, CAL. COMP UP 34 03 09N, 118 15 28W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 81.7 CM/SEC/SEC AT 8.94 SEC VELO = -9.9 CM/SEC AT 12.26 SEC DISP = 5.4 CM AT 11.58 SEC

1819 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-150	-68	73	130	44	-78	-79	41	130	74	-26	-127	-146	-18	37	23	-11	29	76	179
200	25	-59	-106	-103	-10	33	55	89	81	36	-54	-102	-79	-6	-70	-157	-54	66	37
2	-54	-37	59	54	20	-19	22	56	4	-24	-51	26	78	167	97	103	73	-55	-164
-97	-78	-125	-191	-13	-22	-41	-64	-41	57	80	77	67	42	8	-54	-92	-68	-95	-31
85	79	86	135	113	36	-35	-79	-143	-138	-54	19	49	68	-3	59	88	-2	-63	-26
81	82	96	56	-33	-51	-20	8	-50	-54	-3	7	-7	-92	-92	-55	0	-116	-192	-8
58	89	33	-14	-146	-175	4	0	-71	17	118	34	-56	-102	-181	-256	-127	6	65	59
52	113	6	-2	-44	-50	31	137	143	50	23	128	133	48	-48	-10	97	233	248	105
-21	-35	-129	-166	-37	23	-86	-32	167	168	43	-73	-157	-185	-34	251	243	64	-46	-37
109	176	-6	-180	-190	12	184	115	-130	-363	-431	-84	68	2	-55	-108	79	178	34	-66
-104	-78	75	265	278	79	-26	90	67	-57	-157	-136	-72	106	122	0	-55	-21	4	61
68	-38	-269	-85	84	24	-39	26	42	98	363	458	220	42	58	94	-154	-320	-271	-131
-23	-23	-87	-107	131	240	93	-177	-96	82	403	477	253	-89	-146	-140	-104	-253	-245	-159
91	178	112	-208	-295	-182	-52	225	315	93	2	128	109	22	-254	-378	-89	269	268	30
-46	-36	17	35	-150	-252	-62	150	106	170	116	19	54	106	-20	53	285	283	71	0
-132	-188	-97	78	162	43	-51	-122	-70	-43	-84	43	10	-97	101	289	195	-137	-184	-7
-158	-442	-339	-202	-235	-19	133	63	-85	-114	-47	-17	-7	-146	-218	-88	146	208	99	-39
60	177	86	44	61	112	108	-101	-99	24	-119	-422	-534	-431	-239	1	195	344	346	211
69	89	93	-68	-318	-295	-99	-16	117	186	87	-83	-142	-101	12	32	-96	-120	16	169
161	14	-92	-168	-235	-189	9	38	21	-47	-169	-287	-363	-231	-184	3	183	224	148	-140
-88	271	287	59	19	143	375	302	62	-95	-318	-245	92	85	-133	-192	-45	55	-249	-178
247	285	221	212	197	69	-220	-271	-68	-110	-390	-193	364	459	17	-236	-226	-277	-290	-235
-167	-252	-136	86	128	283	530	817	731	478	158	162	292	-56	-480	-413	-132	106	45	-25
128	16	-213	-397	-288	50	198	223	152	-47	90	339	220	-112	-55	329	592	571	295	90
46	-268	-621	-667	-387	-118	20	-63	-348	-260	-68	137	252	372	436	417	320	3	330	-406
-218	81	141	243	298	328	213	-41	-204	-238	-112	-86	-25	227	376	404	554	282	-118	-67
187	316	138	-75	-106	10	69	26	14	94	277	384	363	237	145	-44	-198	26	113	-67
-132	-339	-163	-50	-47	-9	82	173	262	397	408	80	-257	-169	-142	-258	-233	-172	-170	-292
-401	-409	-355	-241	-174	-163	-175	-184	-78	-22	-47	-68	-14	10	-134	-187	-179	-190	-179	-114
-203	-308	-245	-130	-159	-159	-29	-123	-61	-65	-117	-43	80	133	74	-117	-232	-210	-152	116
377	54	-373	-495	-440	-221	-45	-174	-280	-322	-292	-388	-300	-3	157	171	268	391	385	277
198	47	-180	-167	-10	-57	-184	-212	-188	-205	-202	-128	-135	-119	-41	6	48	208	296	298
244	161	160	153	138	93	156	315	333	86	-112	-82	-65	-21	-10	82	146	147	150	201
286	333	320	222	83	91	126	5	-90	-10	163	136	50	-20	-72	10	149	292	300	273
230	153	141	157	83	-21	-39	-2	-32	1	85	192	186	92	-25	-49	15	-12	-106	-103
-59	-156	-249	-108	40	-21	56	71	150	139	70	113	71	27	36	-118	-127	-155	48	-5
-7	54	68	42	0	-7	27	41	68	73	74	114	145	34	-75	18	-127	-155	-117	-63
-80	-97	-71	-107	-120	-115	-136	-185	-222	-246	-198	-125	-48	-23	2	18	-20	-49	-68	-58
-55	-79	-34	37	9	-45	-104	-113	-79	-52	-61	-82	-60	-29	27	70	74	29	26	24
-17	-51	-85	-92	-18	91	117	60	40	67	18	-71	-87	-68	-56	-98	-139	-78	-15	-7
0	-18	-61	-51	24	-27	-66	-29	-2	58	46	23	-22	-105	-129	-93	-66	-47	-71	-70
-52	-55	-50	-49	-26	-13	15	44	20	22	48	39	-9	24	46	-29	-111	-134	-92	-73
-28	52	72	12	-21	-39	75	62	21	2	29	55	72	76	44	40	56	45	-23	-66
-40	-27	-53	-109	-114	-77	-70	-96	-129	-144	-91	-18	3	18	67	123	125	132	135	143

137	111	89	100	146	161	178	171	141	129	141	146	171	225	243	196	155	151	161	143
66	53	109	112	58	31	50	64	66	6	-60	-81	-105	-109	-111	-111	-111	-111	-101	-86
-79	-77	-87	-59	-57	-83	-93	-80	-58	-37	-19	13	33	71	60	5	-1	23	37	29
47	67	92	103	41	-17	-33	-5	-18	8	45	51	52	10	-90	-131	-98	-127	-145	-129
-127	-124	-119	-176	-241	-224	-161	-125	-100	-95	-110	-120	-92	-59	-50	-33	-10	-13	-44	-64
-50	-67	-63	-38	-32	-33	-77	-129	-142	-110	-58	-15	62	134	132	130	154	165	151	141
154	141	139	165	130	66	74	118	118	98	118	101	66	56	40	30	26	6	-26	-48
-11	-33	-55	-39	-40	-60	-67	-47	-42	-77	-141	-158	-83	-18	-2	-2	16	63	127	109
35	6	-11	5	-5	-16	8	20	25	22	40	88	105	96	89	82	88	81	67	49
21	13	21	26	44	98	139	140	111	67	54	41	15	-33	-72	-72	-60	-85	-79	-48
-17	-26	-57	-95	-128	-137	-114	-94	-69	-29	-5	-18	-35	-60	-49	-28	-52	-70	-42	-45
-48	-13	8	-3	-55	-87	-95	-101	-104	-76	-45	-39	-37	-56	-91	-106	-118	-135	-147	-108
-49	-37	-17	35	59	45	10	3	36	65	-85	111	136	122	97	108	133	136	123	119
154	171	144	132	142	158	165	147	106	38	16	43	36	-7	-9	18	7	-31	-56	-83
-113	-125	-134	-144	-128	-86	-70	-101	-112	-56	9	-5	-50	-70	-75	-71	-86	-133	-154	-85
8	2	-36	-4	56	75	37	-21	-31	1	-16	-72	-88	-49	-5	27	34	29	5	-10
-18	-30	-23	27	53	30	-9	5	35	36	27	-2	-35	-58	-49	-20	-10	4	35	44
32	25	13	7	15	34	46	51	38	10	-21	-6	23	35	32	-4	-19	-6	-5	-4
-8	-7	-2	12	26	45	59	55	43	42	27	-17	-44	-35	3	27	49	66	80	96
89	52	20	17	6	18	35	40	50	73	74	66	64	55	48	59	58	70	73	45
-1	-34	-32	-13	20	59	56	18	-20	-38	-21	-16	-34	-50	-83	-127	-118	-78	-60	-40
-38	-25	-22	-28	-30	-13	-12	-15	-17	-18	-4	21	46	78	74	45	24	15	17	6
16	57	66	39	30	54	38	15	-31	-7	-1	-16	-52	-59	-26	-22	-65	-77	-53	-34
-60	-91	-91	-59	-24	-20	-23	9	57	61	16	-16	-27	-37	-50	-65	-86	-86	-67	-55
-52	-61	-84	-77	-59	-95	-136	-116	-99	-89	-57	-14	-17	-48	-51	-38	-35	-22	-7	11
19	11	-8	-2	24	36	41	40	30	28	49	70	68	68	78	79	62	45	37	25
23	28	39	64	89	85	67	50	67	73	73	70	57	30	24	31	31	34	51	75
61	35	17	-2	-19	-14	-16	-25	-1	36	51	43	19	-6	-12	-16	-42	-59	-69	-55
-7	15	-13	-29	-20	-2	-30	-70	-70	-58	-52	-48	-44	-29	-20	-32	-48	-42	-24	-39
-59	-67	-80	-72	-62	-50	-18	27	61	68	64	53	41	29	28	31	38	56	69	67
53	41	29	34	54	52	35	32	38	41	23	8	13	11	-8	-23	-17	-25	-40	-41
-37	-31	-24	-25	-33	-17	7	4	-5	-19	-28	-40	-56	-54	-42	-22	-9	-4	1	0
-3	-10	-32	-41	-29	-13	-16	-15	1	4	14	42	51	24	9	16	10	1	-6	-3
5	8	2	9	11	7	11	22	26	19	10	12	16	16	5	-4	2	13	16	26
44	48	38	20	13	-2	-5	-6	-9	-9	-7	15	30	36	33	31	25	6	-19	-38
-19	2	2	-27	-57	-56	-28	-8	-1	-9	34	42	17	-6	-13	5	3	-23	-39	-31
-6	-8	-20	-27	-8	14	26	6	-4	-11	-20	-31	-30	-24	-18	-5	23	38	40	62
48	8	-1	7	19	13	-15	-18	8	39	33	1	-9	-22	-14	2	5	-28	-27	-15
-8	8	27	31	-11	-21	-10	8	-2	-34	-33	-23	-13	-29	-41	-38	-18	19	20	-7
-25	-19	-11	-33	-58	-52	-20	-19	-31	-37	-5	-5	-39	-51	-19	9	-2	-13	4	32
19	-16	-41	-32	-4	16	20	11	11	14	24	11	-15	-17	9	10	-10	-22	-20	-12
9	7	2	26	42	16	31	27	27	34	31	31	42	36	24	34	51	39	18	12
25	25	32	38	25	42	32	17	-4	-15	-2	25	51	52	50	50	44	27	17	12
7	12	24	8	-25	-44	-27	32	6	-6	-11	-10	-8	-10	-18	-32	-35	-23	-30	-42
-37	-27	-23	-21	-25	-48	-53	-58	-63	-56	-39	-21	-18	-22	-21	-13	18	34	21	-1
-11	2	11	-5	-7	-10	3	16	14	-7	-4	7	-3	-25	-32	-24	-30	-31	-18	-6
-13	-20	-9	-10	-5	11	26	23	27	24	21	13	7	18	11	-1	1	-9	-14	

IIR254 71.201. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 161 535 S. FREMONT AVENUE, 6TH FLOOR, LOS ANGELES, CAL COMP N30W 34 03 09N, 118 15 28W
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 305.7 CM/SEC/SEC AT 12.02 SEC VELO = 32.9 CM/SEC AT 12.48 SEC DISP = 12.6 CM AT 12.88 SEC

INITIAL VELO = 2.22041 CM/SEC INITIAL DISP = 0.47492 CM
2536 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-97	71	103	2	-109	-145	-79	55	87	-2	-120	-154	-103	0	69	48	-14	-41	-23	3
16	-44	-99	-99	-90	-45	10	24	21	23	-47	-79	-38	-57	-28	-2	-32	-56	-22	38
43	-23	-64	2	104	45	-56	-133	-196	-149	-132	-35	197	234	95	-39	-70	-78	-113	-173
-252	-142	6	41	79	101	169	43	-212	-98	115	88	-28	-66	-93	-52	13	-20	57	199
185	-7	-134	-121	-158	-140	19	148	178	109	9	-43	-30	-110	-192	-110	-114	-155	-105	81
164	171	107	108	18	-132	-226	-150	-71	-33	-3	7	121	215	225	147	-19	-15	-46	-105
-162	-68	-17	-61	-1	189	267	111	4	20	-75	-100	-83	-107	-128	-83	-36	10	215	358
222	85	2	-258	-375	-208	-64	12	90	75	39	208	181	-30	-18	98	-8	-81	-1	-228
-334	-154	-63	-43	64	173	195	145	103	32	77	-50	-417	-436	61	189	-40	-8	178	215
199	160	37	-190	-34	254	253	120	-33	-129	-66	-13	191	263	88	72	30	-29	-7	-123
-99	98	103	219	143	-155	-241	-224	-218	-94	43	159	260	223	144	-72	-293	-143	19	97
63	-174	-176	59	174	218	43	-49	117	304	329	161	-138	-370	-293	-73	108	133	86	89
188	239	150	68	-22	-145	-119	34	26	-148	-156	18	142	119	-5	-74	-16	13	10	29
227	367	355	201	-61	-239	-181	-12	331	298	-129	-396	-314	-204	-93	87	333	565	584	180
-215	-252	-198	-178	-61	-51	156	269	125	-205	-379	-210	-24	13	187	522	502	-91	-801	-908
-485	143	-8	-495	-528	-400	-199	182	349	63	-392	-627	-631	-350	-175	393	1135	1254	704	370
314	123	-297	-512	-178	203	468	1023	1509	1578	-1392	750	-191	-853	-1278	-1585	-1208	212	1753	878
-715	-1072	-1035	-681	-448	-400	-471	-954	-1447	-1416	-875	-159	188	103	156	-154	-335	-90	63	-191
-316	-157	447	643	156	-237	-101	329	114	-417	0	1014	1416	1404	1460	1094	206	-676	-759	-206
249	448	853	1365	1150	-64	-1207	-1567	-1147	-608	100	1136	1150	597	-41	-526	-1015	-1225	-828	-823
-1144	-682	533	1249	952	434	20	-184	-509	-645	-669	-954	-1415	-1277	-154	513	563	799	411	-670
-1315	-467	507	9	-251	555	972	1282	1399	817	-91	-1398	-2781	-2480	-900	30	377	386	630	822
256	-157	-707	-1261	-941	112	584	1097	1748	1596	964	591	664	1069	478	-626	-1023	-406	481	819
907	1266	1551	1440	1458	1499	704	-646	-1878	-2438	-2392	-1402	-7	869	353	-249	-390	-555	-602	-825
-927	-819	-788	-844	-387	293	366	-181	-641	-1374	-2103	-1261	134	567	612	783	1324	1722	1570	1118
600	197	-150	-485	-292	197	1555	1501	533	-404	-225	437	897	864	1032	1298	1054	567	-171	-1049
-1923	-2509	-2253	-1719	-1543	-556	538	926	579	-107	-596	-875	-994	-827	-1107	-1480	-1550	-1146	-495	-26
-59	-141	229	798	1392	1918	1557	547	206	100	495	977	1247	1273	1482	1681	1926	1901	1816	1907
1234	323	-96	-3	196	581	630	337	18	-51	470	984	870	355	-149	-440	-682	-657	-556	-622
-780	-992	-1342	-1640	-1737	-2116	-2081	-1824	-1721	-1639	-1497	-1395	-809	129	649	634	118	-274	87	1108
2291	3057	2739	484	-2271	-2323	-571	442	1130	1495	1845	1697	1042	670	1030	1255	1234	1174	1120	1014
888	871	682	289	-8	-156	-136	-225	-420	-749	-731	-665	-1111	-1312	-1168	-1115	-1278	-1538	-1299	-417
-198	-737	-1052	-1358	-1662	-1297	-662	-601	-702	-887	-1136	-1123	-765	-121	525	995	1009	853	705	421
55	-131	-91	13	-233	-566	-370	112	431	707	934	1140	1325	1258	933	605	407	481	696	600
0	-603	-777	-758	-596	-265	-61	58	335	510	241	-344	-831	-1282	-1649	-1692	-1348	-880	-518	-378
-282	-140	-191	-446	-424	78	299	-92	-447	-637	-784	-946	-837	-491	-179	-76	-76	11	165	323
397	324	293	361	426	448	471	504	430	352	542	782	826	700	488	276	362	590	621	430
245	108	-47	-192	-221	-91	259	566	531	335	301	353	334	212	-65	-284	-277	-120	-25	14
1	-16	81	161	172	-22	-346	-486	-434	-295	-110	-18	-91	-162	-174	-137	22	247	435	609
594	141	-384	-657	-657	-557	-343	-123	-43	26	305	548	622	577	470	407	343	172	95	118
152	66	-198	-373	-260	13	408	421	122	52	155	279	289	83	-199	-345	-324	-150	58	136
2	-99	25	261	343	209	-64	-376	-654	-794	-693	-319	144	61	-300	-430	-400	-352	-256	-73
49	40	-2	-86	-259	-426	-448	-219	-71	-13	-34	-36	38	197	347	451	468	406	256	163
158	305	439	292	37	-75	51	361	560	557	406	267	223	276	283	177	52	101	212	245

247	193	175	100	-18	-50	25	36	6	-59	-182	-303	-409	-415	-157	142	240	-64	-342	-415
-303	-170	-271	-314	-173	-32	-76	-116	-55	12	93	190	219	234	206	240	117	73	-78	-255
-154	170	317	247	82	64	140	177	272	472	551	656	601	409	227	62	39	157	-234	-86
-212	-88	50	111	72	-44	-164	-135	-23	23	-127	-471	-770	-752	-157	-360	-418	-244	-77	-236
-101	-219	-334	-460	-413	-387	-421	-399	-400	-429	-463	-551	-549	-370	151	156	59	-77	-236	11
-425	-519	-400	-306	-230	-1	342	523	407	110	19	100	259	313	132	-90	-151	-72	-72	11
21	77	162	195	149	105	142	122	19	19	5	-75	-222	-383	-535	-517	-227	139	413	386
156	-14	-89	-149	-73	32	-25	-231	-292	-143	-4	22	32	66	211	384	392	241	77	-89
-134	-103	-42	43	70	21	-105	-150	-34	159	339	454	593	574	274	75	-28	-1	-18	82
205	243	163	206	203	214	35	-63	-40	-42	-130	-187	-96	38	171	279	271	257	139	53
82	158	257	286	209	-13	-139	-94	115	174	-130	75	-38	-118	-148	-157	-113	-77	-70	-168
-182	-115	-41	88	206	215	99	-50	-132	-152	-144	-152	-74	116	182	106	-65	-119	-133	-148
-251	-254	-145	-140	-157	-146	-75	-37	-33	24	42	-34	-143	-103	-52	-63	-59	-126	-92	12
26	17	5	-38	-102	-166	-75	-26	7	31	36	71	134	241	220	116	-48	-76	-19	-4
14	143	225	257	289	152	-73	-85	-27	-33	7	84	172	180	65	-31	-40	-52	-63	-39
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246	188	126	91	83	86	74	87	100	77	22	-30	-63	-60	-40	-17	-21	-42	-70	-98
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129	135	107	111	130	127	71	46	57	81	97	95	71	47	19	-11	-50	-77	-88	-93
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72	-71	-147	-150	-135	-115	-96	-66	-44	7	50	27	-17	-38	9	73	101	62	7	42
75	50	15	-21	-46	-25	63	106	23	-91	-166	-146	-44	108	164	76	-26	-54	-82	-156
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[illegible]

IIR254 71.201. SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 161 535 S. FREMONT AVENUE, 6TH FLOOR, LOS ANGELES, CAL
INSTR PERIOD = 0.030 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP UP 34 03 00N, 118 15 28W

PEAK VALS ACCLN = 150.8 CM/SEC/SEC AT 9.58 SEC VELO = 11.2 CM/SEC AT 11.06 SEC DISP = 4.5 CM AT 11.30 SEC

2536 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 0.32716 CM/SEC INITIAL DISP = -0.01422 CM

27	299	326	20	-240	-286	-72	140	271	119	-98	-193	-67	64	-50	-215	-203	-74	243	390
258	-35	-196	-143	-16	53	-102	-170	-54	138	278	283	34	-219	-360	-237	-56	10	-7	-17
119	52	-99	-167	-67	31	117	77	7	-19	-28	24	-82	-71	19	110	171	150	156	96
9	-282	-327	-181	-14	-48	-28	42	44	-174	-148	-36	181	237	122	39	-12	-79	-219	-229
-116	8	171	276	97	26	108	64	-34	-105	-159	-230	-192	-32	169	299	227	59	-84	-120
-134	-9	186	289	118	-71	-58	-58	-48	-2	-3	-34	-75	56	108	17	-177	-306	-116	-1
8	-50	70	70	-36	65	19	-84	-231	-231	-199	-27	397	530	168	-349	-591	-591	-333	80
419	438	189	-91	-198	-308	-311	28	230	365	271	94	-175	-178	157	186	-20	3	167	222
121	161	145	19	-211	-440	-417	-27	288	331	376	137	-303	-435	-85	-16	-50	206	441	297
195	60	-254	-545	-327	236	575	368	-59	-464	-578	-338	15	-21	-185	-210	63	410	418	97
-412	-553	-33	406	382	105	64	168	185	156	-38	-423	-460	60	507	328	-92	-351	-176	288
357	81	-202	-267	-79	63	42	-73	-228	-3	418	455	226	61	186	349	369	115	-481	-1020
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311	-9	-179	-95	-99	-278	-403	-137	565	702	93	-366	-244	-3	274	435	197	-187	-29	191
106	-52	-174	-233	-89	140	247	369	146	-83	-272	-510	-479	-181	230	766	898	453	-226	-726
-518	-11	44	-293	-634	-594	-240	203	459	344	-147	-504	-462	-346	-299	-14	370	397	326	58
-381	-391	-190	218	410	219	146	57	305	246	-150	-286	-10	31	-355	-618	-549	-177	242	598
613	463	270	-308	-803	-911	-313	219	338	157	184	199	-18	9	139	-126	-490	-550	-297	341
588	662	215	-491	-805	-655	-518	18	437	256	273	388	105	-633	-955	-825	-363	220	775	1109
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-875	-1282	-697	156	514	602	554	462	-85	-486	-561	-595	-405	-107	375	734	908	681	215	16
-191	-389	-237	351	728	501	-124	-349	-86	54	-36	54	29	532	1093	883	147	-440	-588	-514
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-469	-279	-252	-688	-782	-652	-122	343	252	68	-11	42	73	83	-19	-108	-222	-371	-430	-260
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-498	-289	119	376	185	-81	-327	-488	-406	-277	-401	-502	-232	-152	-274	-298	-255	117	448	571
307	17	-13	22	-20	-103	-159	-85	-108	-315	-191	45	92	-394	-688	-571	203	604	809	273
434	583	331	138	-48	135	363	307	171	294	378	176	-162	-539	-512	-88	271	422	228	151
86	149	313	365	166	-46	-138	-142	-60	81	201	80	62	-118	-263	-282	-106	24	123	201
220	304	311	367	326	55	-267	-409	-302	98	309	228	186	285	334	207	6	-88	-23	-13
-48	-114	-61	26	-122	-342	-272	-43	103	218	241	181	112	138	83	-119	-117	76	314	262
7	-109	-110	-62	-1	11	7	-36	-46	42	133	142	131	51	-40	-91	-173	-217	-204	-188
-208	-145	-45	-13	-9	5	30	-108	-260	-352	-277	-178	-119	-111	-55	7	12	21	29	-31
-89	-71	-95	-70	-9	89	188	108	-132	-243	-211	-41	118	141	39	-60	13	101	107	32
-71	-109	-4	-25	-154	-202	-108	63	212	230	125	-54	-156	-174	-167	-109	-32	-14	-71	-120
-64	128	108	-11	-88	-120	4	95	13	-77	6	59	19	0	-64	-114	-106	-143	-179	-135
-139	-37	77	117	-2	-115	-193	-143	6	130	178	114	22	50	54	39	-37	-70	-113	-90
-69	-33	58	115	127	85	28	46	142	151	20	-113	-194	-68	159	213	114	1	-75	16
46	-74	-195	-161	-79	-3	16	-132	-246	-221	-171	-126	-100	-40	53	82	67	97	196	225

138	73	79	94	89	47	65	146	284	319	232	61	-27	45	217	340	418	430	363	156
37	40	13	18	120	236	201	109	-9	-27	11	-34	-93	-170	-213	-149	-77	5	-19	-141
-166	-86	0	21	-36	136	-166	-173	-101	-18	46	65	8	-36	-68	-45	-11	66	106	117
82	12	-37	-11	68	136	127	5	-132	-88	-24	28	51	116	166	143	-174	-242	-243	-97
-166	-72	-1	17	-3	-88	-220	-370	-363	-211	-57	28	11	-42	-57	-73	-116	-150	-146	-97
-19	46	70	-27	-99	-130	-106	-100	-110	-49	-87	-168	-85	32	85	120	174	201	187	172
106	90	95	67	94	158	159	77	-8	27	75	75	78	66	89	90	57	29	-18	-57
-74	-84	-84	-13	95	82	45	-82	-157	-126	-87	-83	-72	-97	-115	-79	-23	-6	30	120
188	172	44	-131	-151	-45	71	56	-11	-40	-14	38	72	79	117	157	150	113	53	40
65	52	-14	-26	-33	-45	23	122	172	168	118	80	48	33	-29	-121	-186	-155	-49	72
97	-5	-64	-72	-94	-115	-113	-102	-44	-21	-62	-59	-20	-18	-55	-102	-97	-57	-19	-34
-64	-59	-57	-54	0	27	-6	-54	-108	-160	-170	-131	-21	100	87	-25	-135	-224	-266	-213
-107	-33	17	36	48	59	71	58	5	-35	-28	37	146	212	214	167	121	86	92	104
146	188	223	239	221	140	63	68	148	211	209	118	-35	-112	-90	-37	-13	53	84	55
-1	-96	-205	-237	-217	-162	-88	-5	-37	-131	-140	-72	19	37	-22	-85	-73	-28	-27	-124
-233	-209	-61	87	110	58	54	90	68	-29	-115	-119	-53	-2	-38	-53	-9	70	143	89
-26	-95	-83	-19	-8	10	49	95	30	-17	-28	-12	-5	-18	-62	-83	-51	-43	-50	-18
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63	-12	-100	-114	-58	50	146	162	112	57	41	36	8	-78	-139	-118	-17	73	103	111
134	130	109	43	-18	-20	28	76	80	67	61	81	122	97	59	13	-5	-12	44	112
135	107	4	-107	-146	-116	-38	39	127	126	54	-29	-88	-127	-90	-82	-77	-80	-73	-77
-40	-35	-46	-22	6	29	59	39	-32	-88	-106	-74	17	109	161	156	113	43	-14	-44
-34	-33	-7	51	120	136	113	37	-23	-110	-130	-78	25	60	31	-15	-75	-96	-95	-110
-83	-18	-6	-63	-111	-125	-70	6	29	50	63	69	49	-27	-129	-158	-105	-60	-73	-86
-24	5	-64	-130	-139	-102	-40	-48	-112	-135	-120	-60	-2	37	41	7	-43	-76	-91	-90
-46	39	102	119	83	-23	-81	-56	19	92	115	112	75	53	41	52	71	81	91	85
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-56	11	59	53	14	-59	-67	-12	5	-26	-53	-64	-59	-45	-48	-60	-31	6	11	3
-4	-42	-114	-153	-108	-58	-25	-7	38	3	73	92	63	25	-2	-52	15	29	36	51
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-17	-18	-49	-46	-30	-54	-67	-40	18	23	-8	-38	-2	66	128	41	-28	-58	-57	-44
-18	14	59	34	-26	-45	-5	52	56	10	-16	-8	1	-32	-67	-87	-45	7	96	142
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-66	-79	-5	36	74	37	-11	-44	-18	11	-35	-74	-100	-30	61	72	-20	-104	-100	-45
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-17	-20	-4	24	37	37	-10	-79	-102	-65	1	36	26	19	10	1	-24	-81	-104	-71
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-10	-22	-45	-53	-19	50	89	74	32	-6	-33	-46	-58	-73	-87	-41	93	197	194	75
-100	-237	-238	-33	114	96	4	-50	-61	-45	-36	-3	67	89	4	-65	-91	-75	-65	-93
-153	-120	75	184	142	14	-83	-80	4	52	32	52	109	147	145	88	48	-16	-36	-6
59	121	111	29	-98	-138	-88	31	146	123	62	119	202	184	81	-61	-102	-47	-19	-19
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-64	-75	-36	22	36	27	3	-46	-73	-76	-68	-32	-34	-20	25	59	58	19	-43	-95
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21	5	-33	-71	-76	-50	-14	3	2	-13	-30	-40	-40	-35	-18	2	11	4	-11	-22
-30	-39	-39	-24	3	7	-12	-32	-43	-49	-40	-20	-7	-10	-20	-33				

California Institute of Technology
Earthquake Engineering Research Laboratory

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