

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

PART N - ACCELEROGRAMS II185 THROUGH II197

REPORT NO. EERL 74-54

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

PASADENA, CALIFORNIA

APRIL, 1974

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

Part N - Accelerograms IIN185 through IIN197

Report No. EERL 74-54

A Report on Research Conducted Under a Grant
from the National Science Foundation

Pasadena, California

April, 1974

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, Part N, Report No. EERL 74-54, continues with the accelerograms obtained during the San Fernando earthquake of February 9, 1971, and includes three records each from the buildings at 1800 Century Park East and 2500 Wilshire Boulevard in Los Angeles and one record each from Carbon Canyon Dam in Brea, Whittier Narrows Dam in Whittier, San Antonio Dam in Upland, 2516 Via Tejon in Palos Verdes Estates, the City Hall in San Juan Capistrano, Long Beach State College in Long Beach, and the Anza Post Office in Anza.

TABLE OF CONTENTS

	<u>Page</u>
Preface to Volume II, Part N	1
Notes on the Volume II Series	3
Table of Instrument Characteristics	8
Earthquake Data	10
References	11
Index of Earthquake Records in Volume II, Part N	14
Plots of Corrected Accelerograms, Velocity, and Displacement, IIN185-197	15
Printouts of Corrected Accelerograms, IIN185-197	54
List of EERL Reports Available from NTIS	174

PREFACE TO VOLUME II, PART N

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. Carbon Canyon Dam (crest), Brea
2. Whittier Narrows Dam (crest), Whittier
3. San Antonio Dam (crest), Upland
4. 1880 Century Park East, Los Angeles (3 records)
5. 2516 Via Tejon, Palos Verdes Estates
6. 2500 Wilshire Boulevard, Los Angeles (3 records)
7. City Hall, San Juan Capistrano
8. Long Beach State College, Long Beach
9. Anza Post Office, Anza

The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part N, Report No. EERL 72-27. 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 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 for all

of the records in this issue, which contains only 70-mm film records, 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. At the same time, a number of very low amplitude accelerograms were eliminated from further processing (Volume II, III, and IV) reflecting the expectation that the resulting displacements would be dominated by noise. However, none of the accelerograms in Part N are of this type.

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; 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.

M. D. Trifunac
A. G. Brady
D. E. Hudson
Earthquake Engineering Research Laboratory
California Institute of Technology

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, c	Damp* % crit.
IIN185	71.066	RFT-250 131	108 Carbon Canyon Dam Brea	S50E S40W Down	0.046 0.045 0.045	1.9* 1.9* 1.9*	10.3 11.5 10.1	59.6 61.4 59.2
IIN186	71.067	RFT-250 130	289 Whittier Narrows Dam Whittier	S37E S53W Down	0.044 0.046 0.044	1.9* 1.9* 1.9*	11.3 9.2 10.0	61.0 57.6 59.1
IIN187	71.068	RFT-250 132	287 Upland San Antonio Dam	N75W N15E Down	0.044 0.046 0.045	2.0* 1.9* 1.9*	11.3 9.9 6.3	61.1 59.0 50.4
IIN188	71.084	SMA-1 121	440 Los Angeles, 1880 Century Pk. East, Parking, 1st Level	N54E N36W Down	0.040 0.040 0.037	1.92 1.82 1.64	6.7 8.9 9.2	51.8 57.1 57.8
IIN189	71.085	SMA-1 115	441 Los Angeles, 1880 Century Pk. East, 7th Floor	N54E N36W Down	0.043 0.044 0.041	1.85 1.87 1.74	9.3 9.3 8.3	57.9 57.9 55.9
IIN190	71.086	SMA-1 111	442 Los Angeles, 1880 Century Pk. East, Penthouse	N54E N36W Down	0.040 0.037 0.039	1.85 1.53 1.68	11.0 5.4 6.6	60.7 47.4 51.4
IIN191	71.119	RFT-250 138	411 Palos Verdes Estates 2516 Via Tejon, Ground Level	N65E S25E Down	0.066 0.066 0.060	3.8* 3.8* 3.8*	8.5 8.5 8.5	56.3 56.4 56.3
IIN192	71.129	SMA-1 130	449 Los Angeles, 2500 Wilshire Boulevard, Basement	N29E N61W Down	0.039 0.041 0.038	1.96 2.00 1.83	6.9 9.9 9.7	52.5 59.0 58.6

* 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 ₀ (sec)	Sens.* (cm/g)	Damp* Ratio, ε	Damp* % crit.
IIN193	71.130	SMA-1 129	450 Los Angeles, 2500 Wilshire Boulevard, 8th Floor	N29E N61W Down	0.040 0.039 0.040	2.02 1.90 2.00	7.7 6.6 10.6	54.5 51.6 60.1
IIN194	71.131	SMA-1 131	451 Los Angeles, 2500 Wilshire Boulevard, Roof	N29E N61W Down	0.043 0.039 0.041	1.92 2.04 1.90	12.4 6.2 6.1	62.5 50.2 49.8
IIN195	71.140	RFT-250 180	465 San Juan Capistrano	N33E N57W Down	0.047 0.047 0.048	1.99 1.91 1.90	14.4 17.8 14.3	64.7 67.6 64.7
IIN196	71.141	RFT-250 184	132 Long Beach, Long Beach State College, Ground Level	N76W S14W Down	0.046 0.047 0.046	1.9* 1.9* 1.9*	16.5 8.6 14.7	66.5 56.4 65.0
IIN197	71.229	RFT-250 181	103 Anza, Anza Post Office Storage Room	N45E N45W Down	0.047 0.047 0.046	1.9* 1.9* 1.9*	13.0 14.9 8.5	63.2 65.2 56.3

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

Asterisked sensitivities are nominal values.

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

Periods and damping values have been obtained by direct measurement of the calibration test records appearing at the beginning and end of the earthquake records. If none were present, the data were taken from the Seismological Field Survey's appropriate list of instrumental characteristics (January, 1970).

The component direction is that of pendulum motion for the trace to be deflected "up", as described in the Notes.

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.

REFERENCES (See additional list, page 174)

- (April-May, 1971). "The San Fernando Earthquake," California Geology, v. 24, n. 4-5.
 - (November, 1971). "Report of the Los Angeles County Earthquake Commission, San Fernando Earthquake, February 9, 1971," prepared for the Los Angeles Board of Supervisors.
 - "The San Fernando Earthquake of February 9, 1971," National Academy of Sciences, Washington, D.C.
- Barrows, A. G., et al (1971). "Map of Surface Breaks Resulting from the San Fernando, California, Earthquake of February 9, 1971," California Division of Mines and Geology.
- Bolt, B. A. (August, 1972). "San Fernando Rupture Mechanism and the Pacoima Strong-Motion Record," Bull. Seism. Soc. Amer., v. 62, n. 4, 1053-1061.
- Boore, D. M. (October, 1973). "The Effect of Simple Topography on Seismic Waves: Implications for the Accelerations Recorded at Pacoima Dam, San Fernando Valley, California," Bull. Seism. Soc. Amer., v. 63, n. 5, 1603-1609.
- Canitez, N. and M. N. Toksöz (May, 1972). "Static and Dynamic Study of Earthquake Source Mechanism: San Fernando Earthquake," J. Geophys. Res., v. 77, n. 14, 2583-2594.
- Division of Geological and Planetary Sciences, California Institute of Technology (April, 1971). "Preliminary Seismological and Geological Studies of the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Amer., v. 61, n. 2, 491-495.
- Hanks, T. C. (March, 1974). "The Faulting Mechanism of the San Fernando, California, Earthquake," J. Geophys. Res., v. 79, n. 8, 1215-1229.
- Hileman, J. A., C. R. Allen, and J. M. Nordquist (1973). Seismicity of the Southern California Region, 1 Jan. 1932 to 31 Dec. 1972, Seismological Laboratory, Calif. Inst. of Tech., Pasadena, Calif.
- Housner, G. W. and P. C. Jennings (July-September, 1972). "The San Fernando California Earthquake," Earthquake Engineering and Structural Dynamics, The Journal of the International Association for Earthquake Engineering, v. 1, n. 1, 5-31.

- Hudson, D. E. (December, 1972). "Local Distribution of Strong Earthquake Ground Motions," Bull. Seism. Soc. Amer., v. 62, n. 6, 1765-1786.
- Mikumo, T. (1973). "Faulting Process of the San Fernando Earthquake of February 9, 1971 Inferred from Static and Dynamic Near-Field Displacements," Bull. Seism. Soc. Amer., v. 63, n. 1, 249-269.
- Perez, V. (1973). "Velocity Response Envelope Spectrum as a Function of Time, for the Pacoima Dam, San Fernando Earthquake, February 9, 1971," Bull. Seism. Soc. Amer., v. 63, n. 1, 299-313.
- Proctor, R. J., R. Crook, Jr., M. H. McKeown, and R. L. Moresco (June, 1972). "Relation of Known Faults to Surface Ruptures, 1971 San Fernando Earthquake, Southern California," Bull. Geol. Soc. Amer., v. 83, 1601-1618.
- Scott, R. F. (October, 1973). "The Calculation of Horizontal Accelerations from Seismoscope Records," Bull. Seism. Soc. Amer., v. 63, n. 5, 1637-1661.
- Steinbrugge, K. V., et al (August, 1971). "The San Fernando Earthquake, February 9, 1971," Pacific Fire Rating Bureau, 465 California Street, San Francisco, California.
- Thatcher, W. and T. C. Hanks (December, 1973). "Source Parameters of Southern California Earthquakes," J. Geop. Res., v. 78, n. 35, 8547-76.
- Trifunac, M. D. (June, 1972). "Stress Estimates for the San Fernando, California, Earthquake of February 9, 1971: Main Event and Thirteen Aftershocks," Bull. Seism. Soc. Amer., v. 62, n. 3, 721-750.
- Trifunac, M. D. and D. E. Hudson (October, 1971). "Analysis of the Pacoima Dam Accelerogram," Bull. Seism. Soc. Amer., v. 61, n. 5, 1393-1411.
- Trifunac, M. D. (February, 1974). "A Three-Dimensional Dislocation Model for the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Amer., v. 64, n. 1, 149-172.
- U.S. Department of Commerce (March, 1971). "The San Fernando, California, Earthquake of February 9, 1971," National Bureau of Standards Report 10556.

- U.S. Department of Commerce (December, 1971). "Engineering Aspects of the 1971 San Fernando Earthquake," Building Science Series 40, National Bureau of Standards.
- U.S. Geological Survey and the National Oceanic and Atmospheric Administration. "The San Fernando, California, Earthquake of February 9, 1971," Geological Survey Professional Paper 733, (preliminary report).

INDEX OF EARTHQUAKE RECORDS

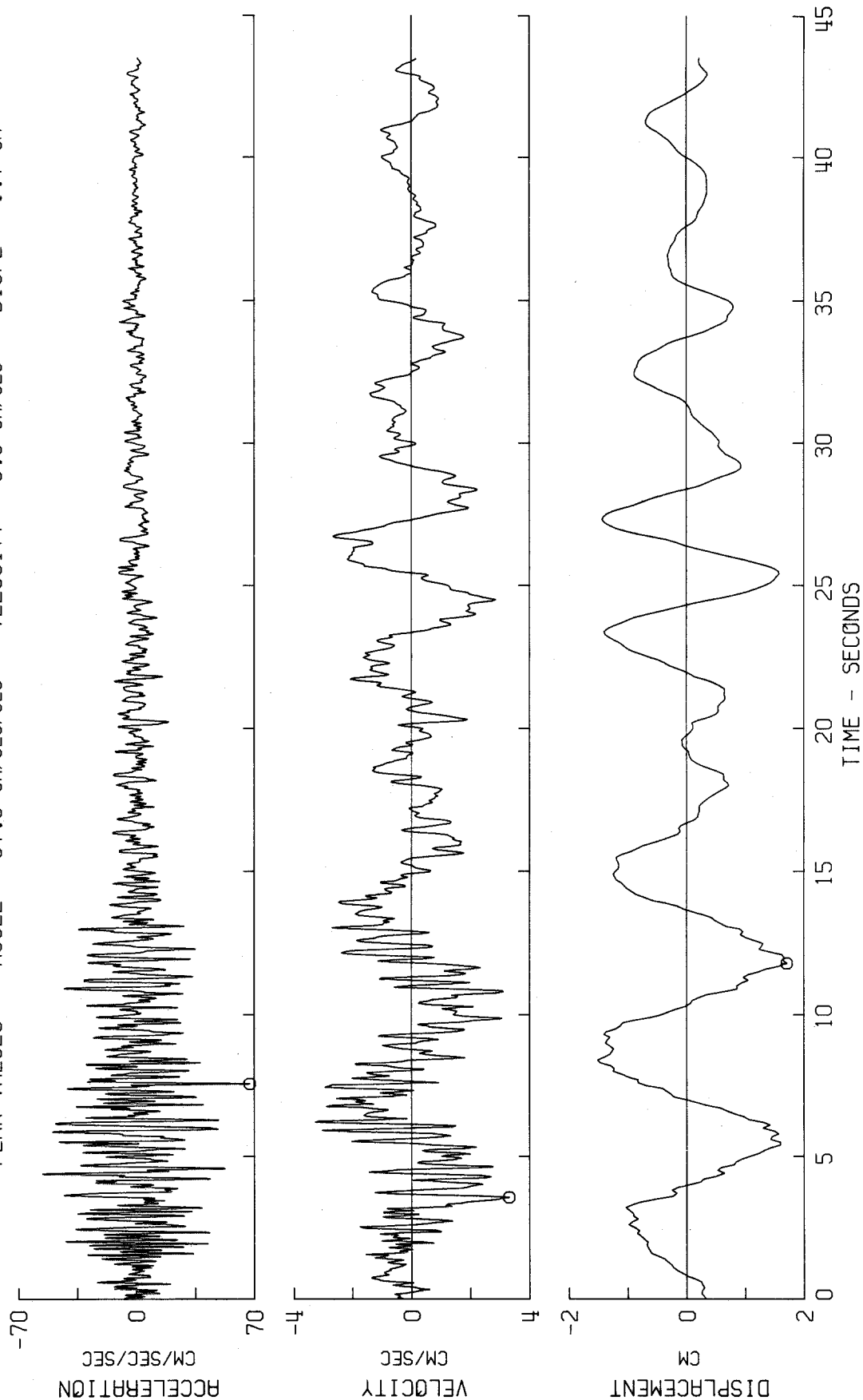
VOLUME II, PART N

<u>Records</u>	<u>Plot</u>	<u>Print-Out</u>
San Fernando Earthquake, February 9, 1971 - 0600 PST		
IIN185; Carbon Canyon Dam, Brea, Calif.; S50E, S40W, Down	15	54
IIN186; Whittier Narrows Dam, Whittier, Calif.; S37E, S53W, Down	18	63
IIN187; San Antonio Dam, Upland, Calif.; N75W, N15E, Down	21	75
IIN188; 1880 Century Park East, Los Angeles, Calif.; Parking, 1st Level; N54E, N36W, Down	24	81
IIN189; 1880 Century Park East, Los Angeles, Calif.; 7th Floor; N54E, N36W, Down	27	90
IIN190; 1880 Century Park East, Los Angeles, Calif.; Penthouse; N54E, N36W, Down	30	99
IIN191; 2516 Via Tejon, Palos Verdes Estates; Ground Level; N65E, S25E, Down	33	108
IIN192; 2500 Wilshire Boulevard, Los Angeles, Calif.; Basement; N29E, N61W, Down	36	120
IIN193; 2500 Wilshire Boulevard, Los Angeles, Calif.; 8th Floor; N29E, N61W, Down	39	126
IIN194; 2500 Wilshire Boulevard, Los Angeles, Calif.; Roof; N29E, N61W, Down	42	132
IIN195; San Juan Capistrano; N33E, N57W, Down	45	138
IIN196; Long Beach State College, Long Beach; Ground Level; N76W, S14W, Down	48	156
IIN197; Anza Post Office, Anza, Calif.; Storage Room; N45E, N45W, Down	51	165

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

IIN185 71.066.0 CARBON CANYON DAM, CAL. COMP S50E

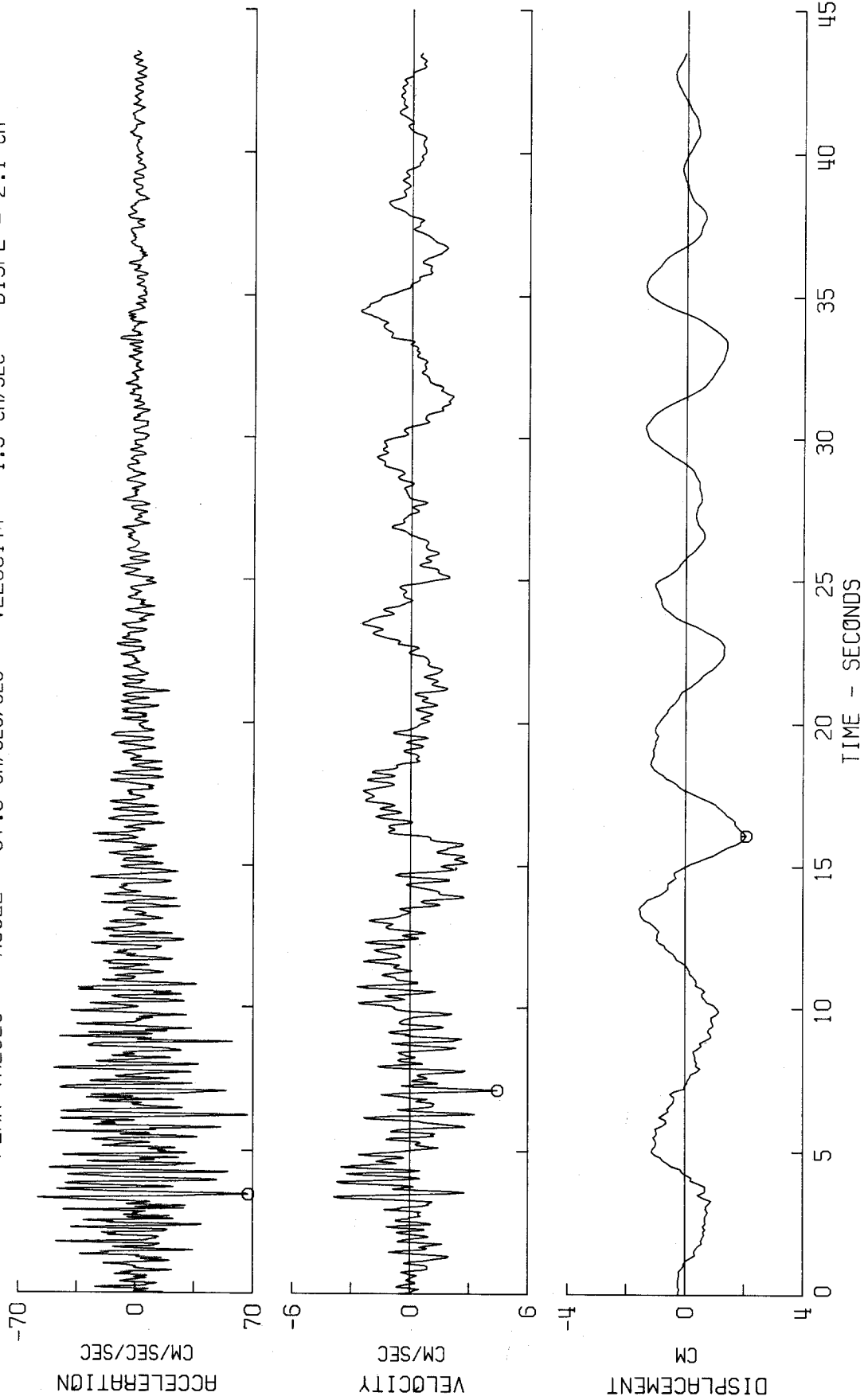
⊙ PEAK VALUES : ACCEL = 67.3 CM/SEC/SEC VELOCITY = 3.3 CM/SEC DISPL = 1.7 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

IIN185 71.066.0 CARBON CANYON DAM, CAL. COMP S40W

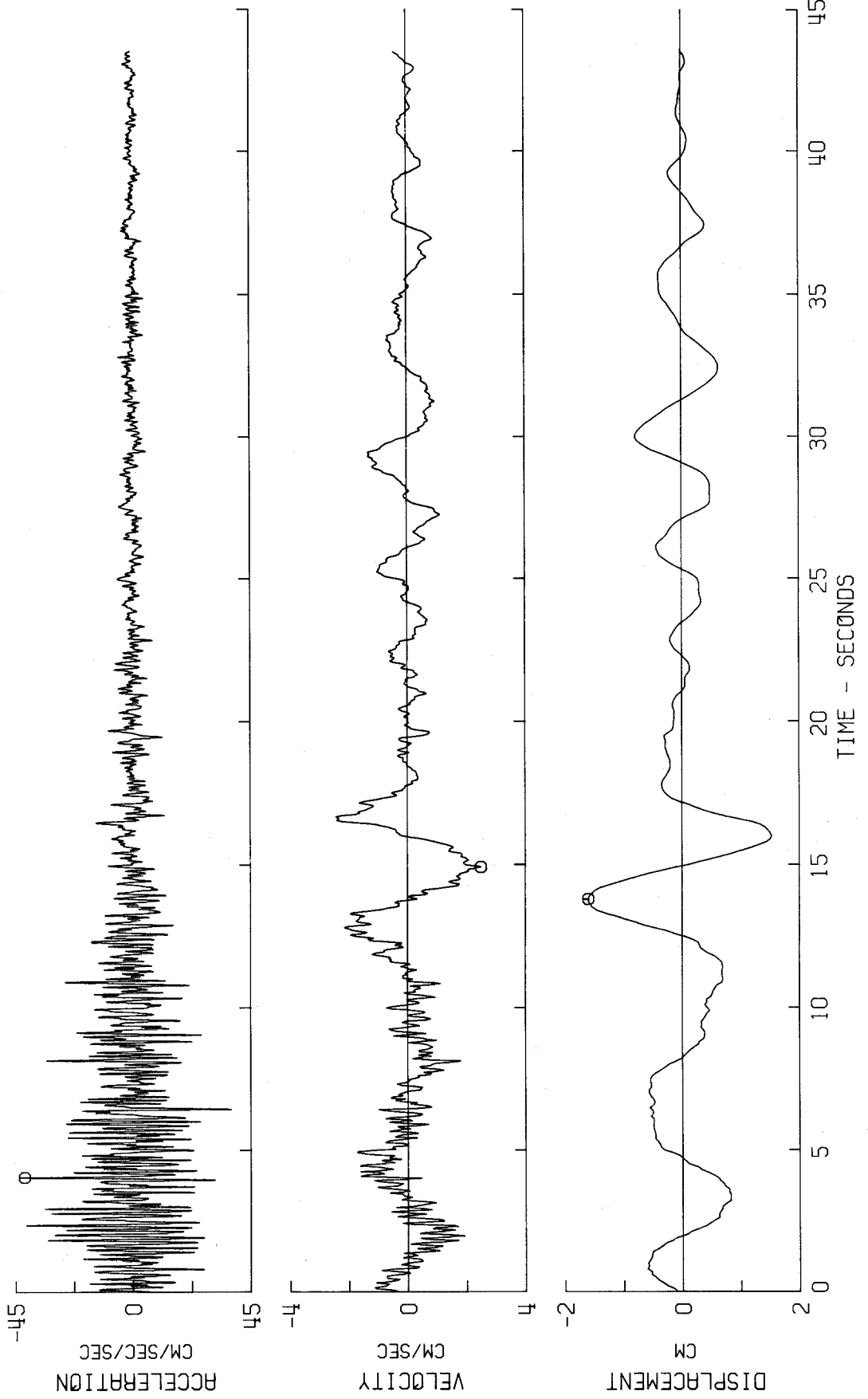
○ PEAK VALUES : ACCEL = 67.3 CM/SEC/SEC VELOCITY = 4.5 CM/SEC DISPL = 2.1 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

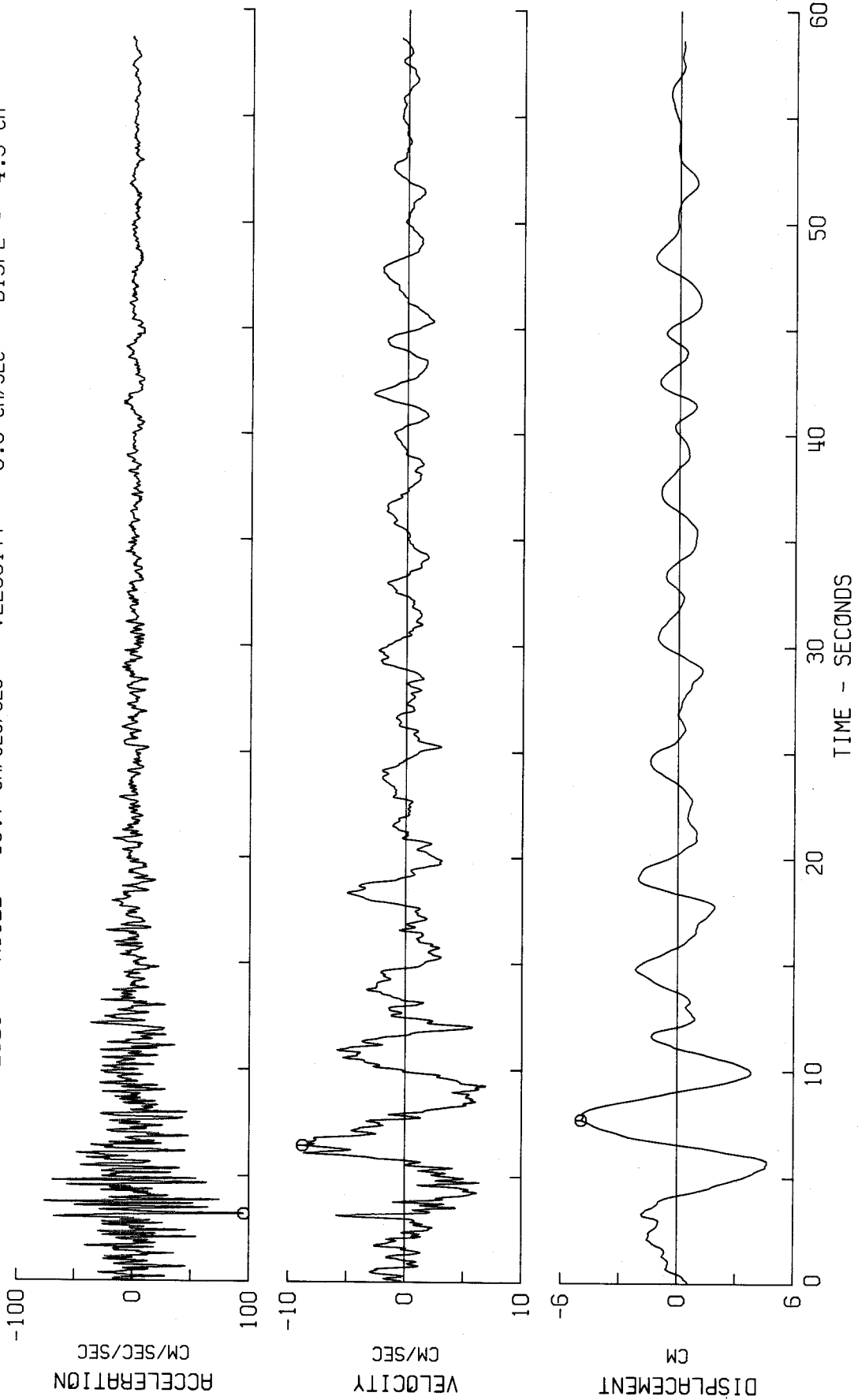
IIN185 71.066.0 CARBON CANYON DAM, CAL. COMP DOWN

⊙ PEAK VALUES : ACCEL = -41.5 CM/SEC/SEC VELOCITY = 2.5 CM/SEC DISPL = -1.6 CM



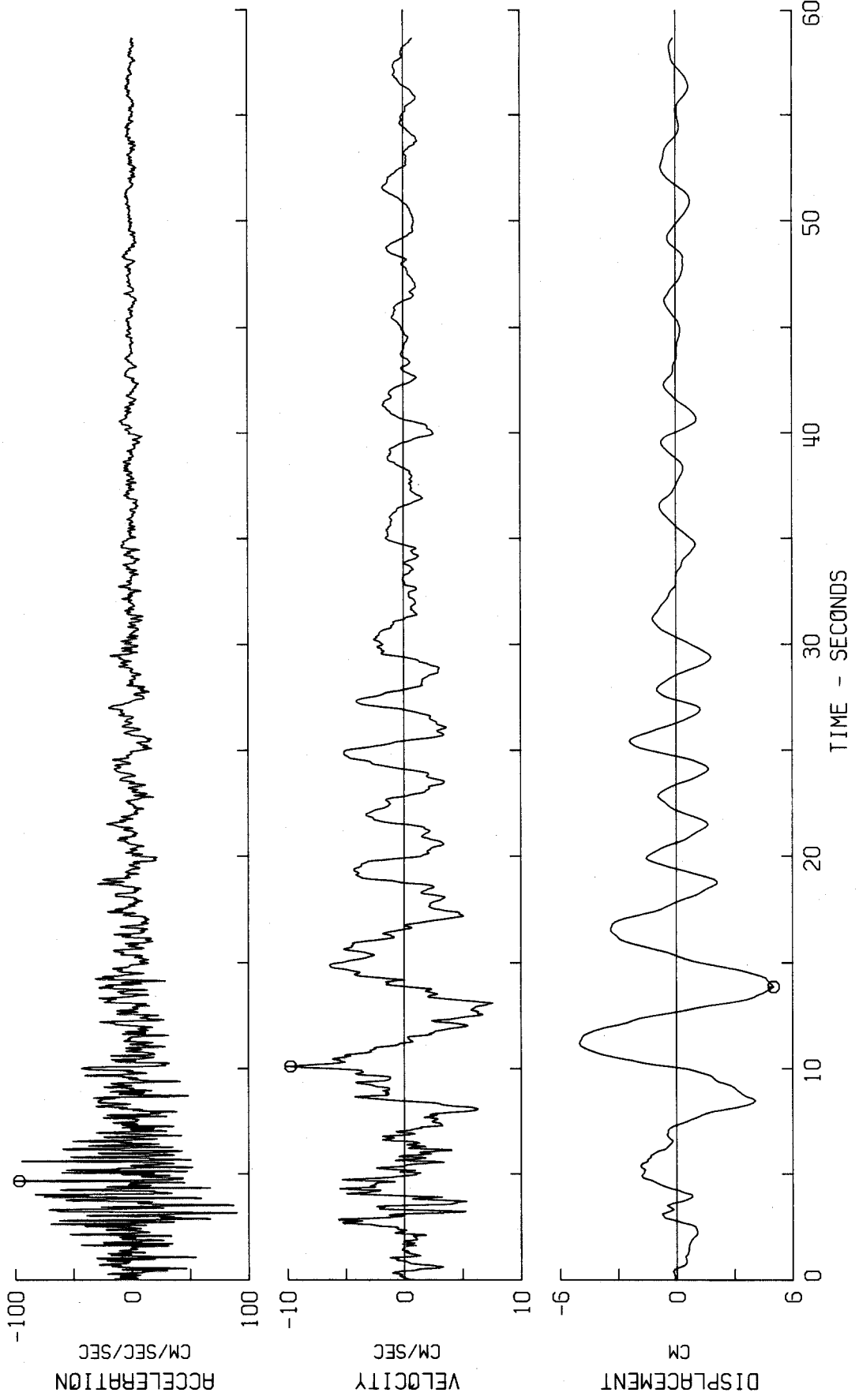
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN186 71.067.0 WHITTIER NARROWS DAM, CAL. COMP S37E

PEAK VALUES : ACCEL = 95.7 CM/SEC/SEC VELOCITY = -8.8 CM/SEC DISPL = -4.9 CM



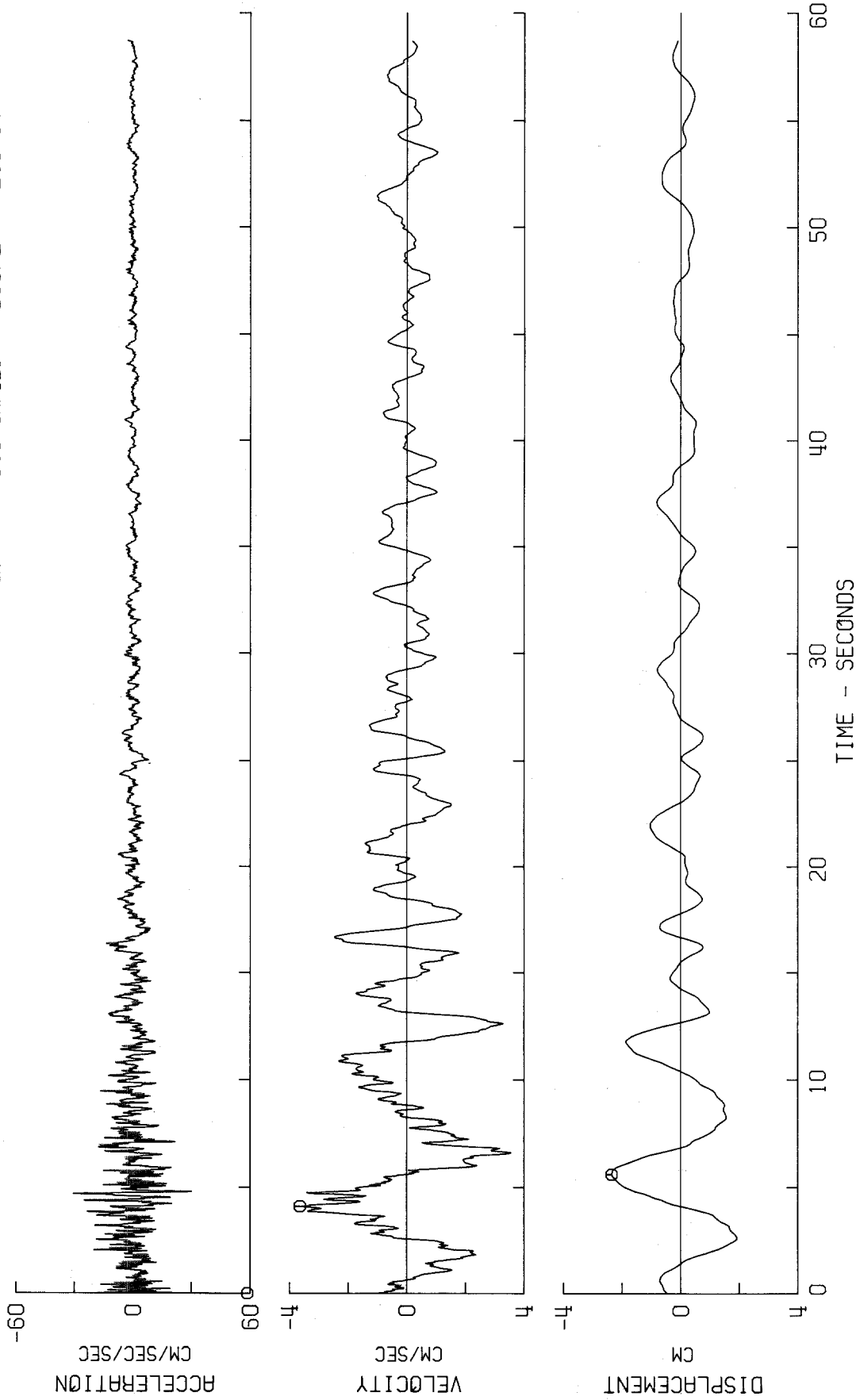
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN186 71.067.0 WHITTIER NARROWS DAM, CAL. COMP S53W

PEAK VALUES: ACCEL = -96.7 CM/SEC/SEC VELOCITY = -9.7 CM/SEC DISPL = 5.0 CM



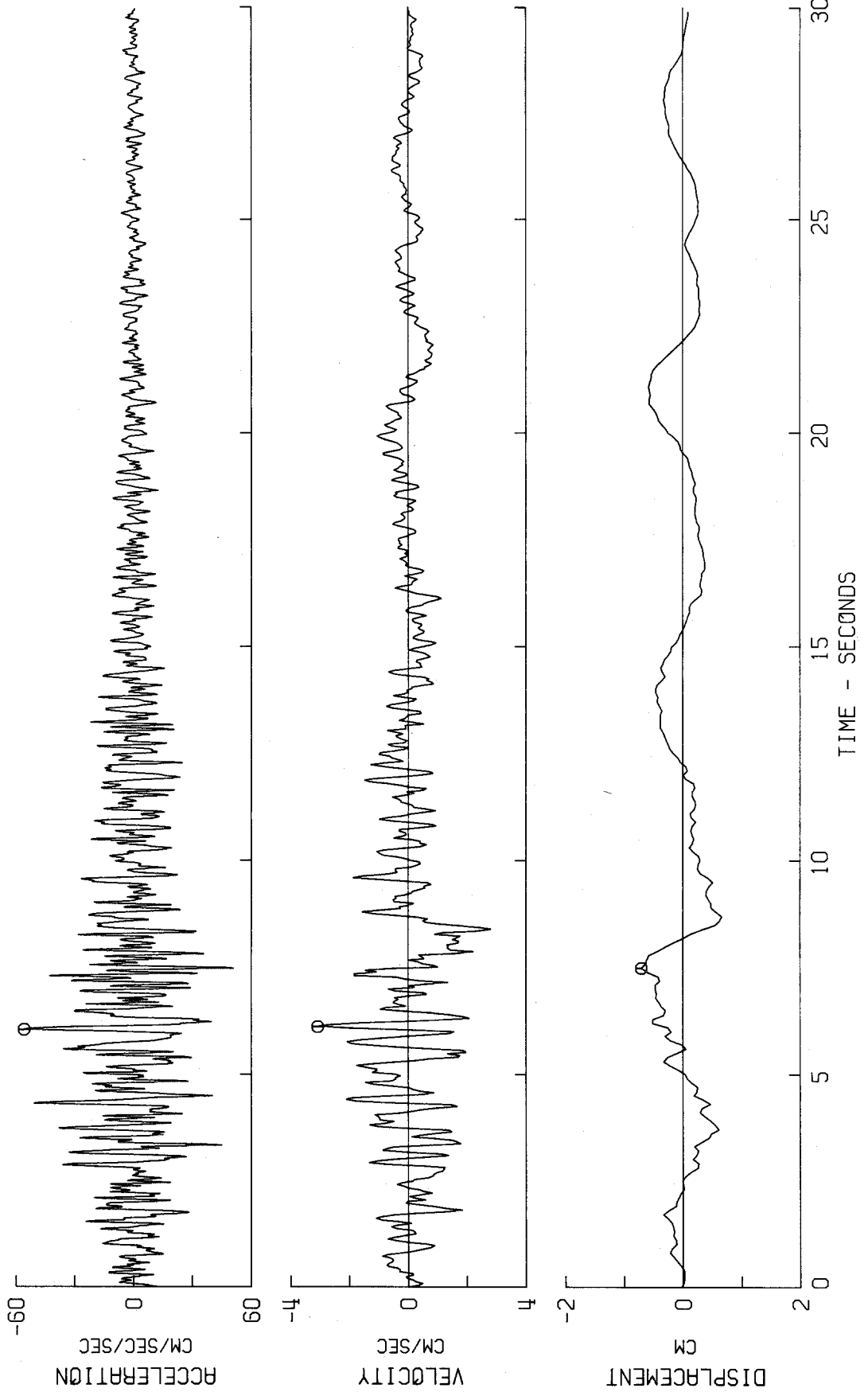
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN186 71.067.0 WHITTIER NARROWS DAM, CAL. COMP DOWN

PEAK VALUES : ACCEL = 58.6 CM/SEC/SEC VELOCITY = -3.6 CM/SEC DISPL = -2.3 CM

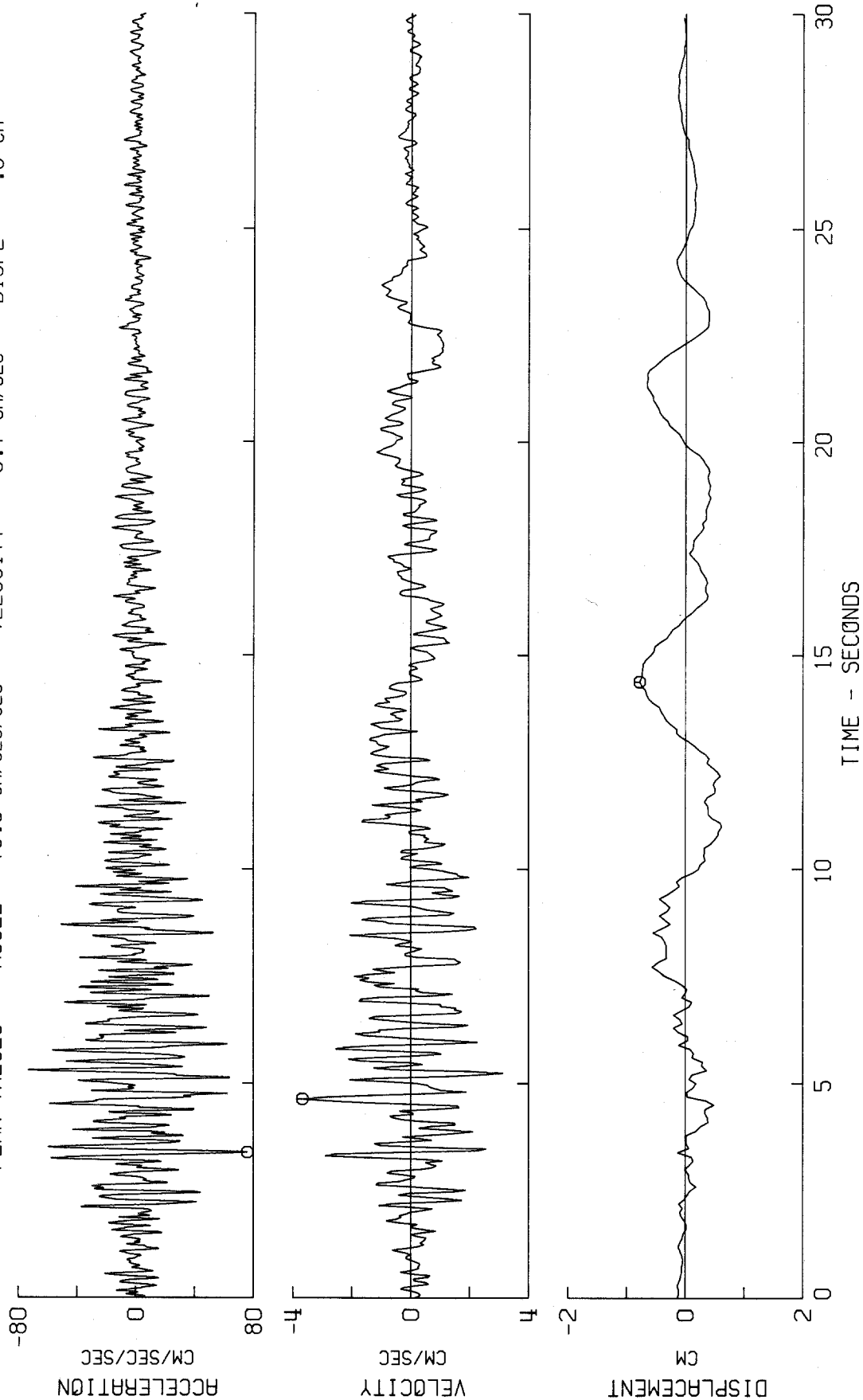


SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN187 71.068.0 SAN ANTONIO DAM, UPLAND, CAL. COMP N75W

⊙ PEAK VALUES : ACCEL = -55.7 CM/SEC/SEC VELOCITY = -3.1 CM/SEC DISPL = -.7 CM



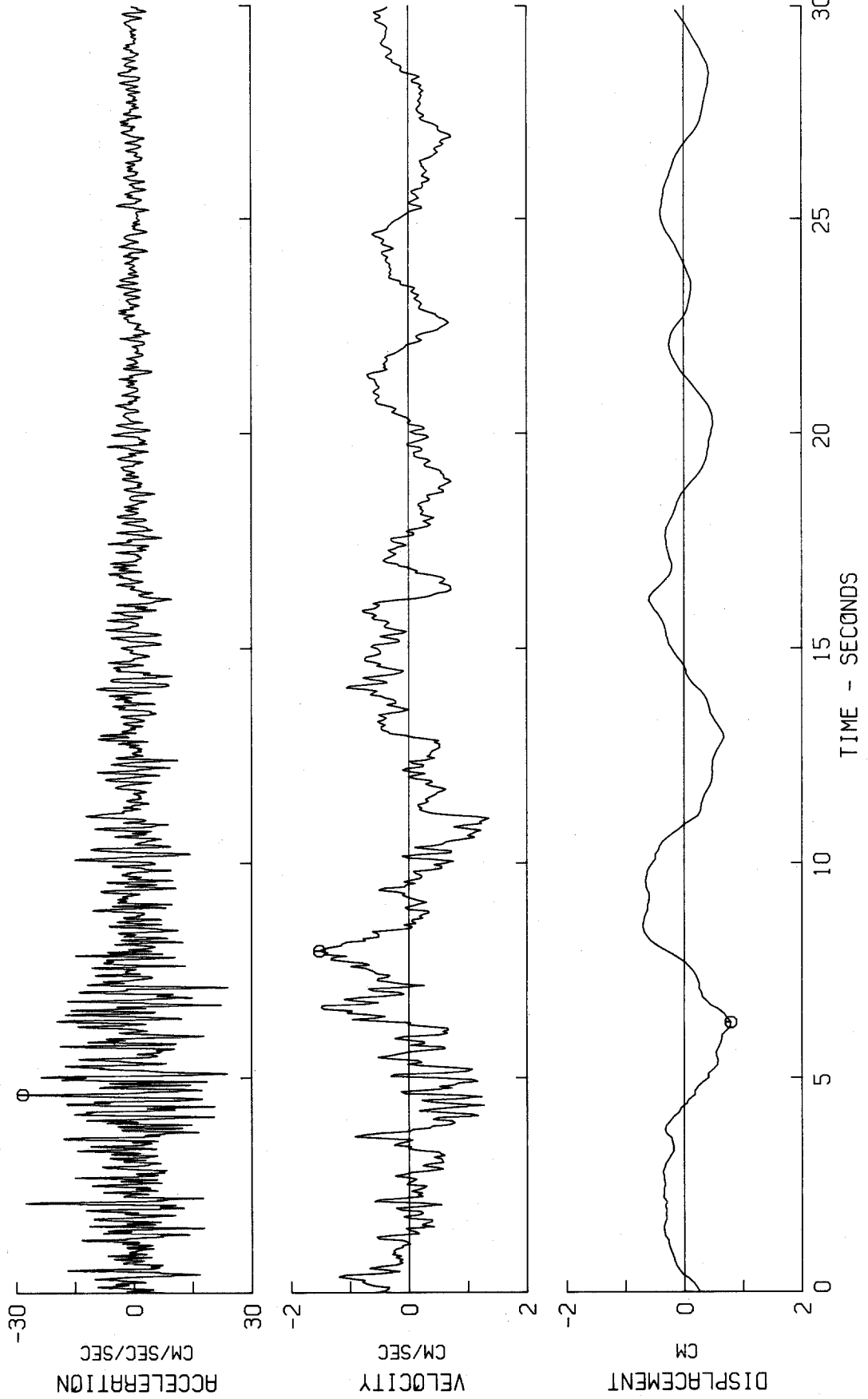
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN187 71.068.0 SAN ANTONIO DAM, UPLAND, CAL. COMP N15E
PEAK VALUES : ACCEL = 75.9 CM/SEC/SEC VELOCITY = -3.7 CM/SEC DISPL = -.8 CM



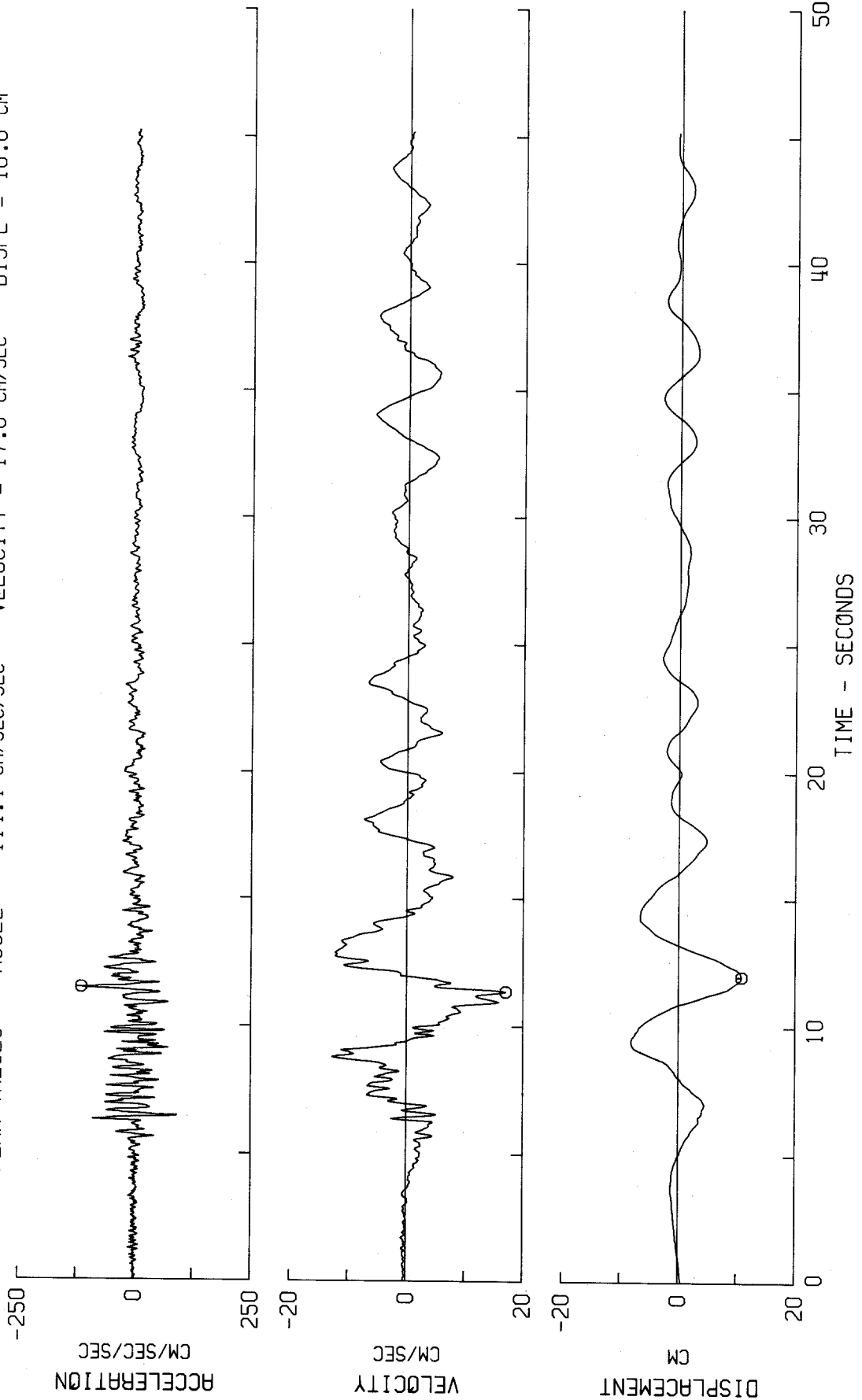
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

II187 71.068.0 SAN ANTONIO DAM, UPLAND, CAL. COMP DOWN

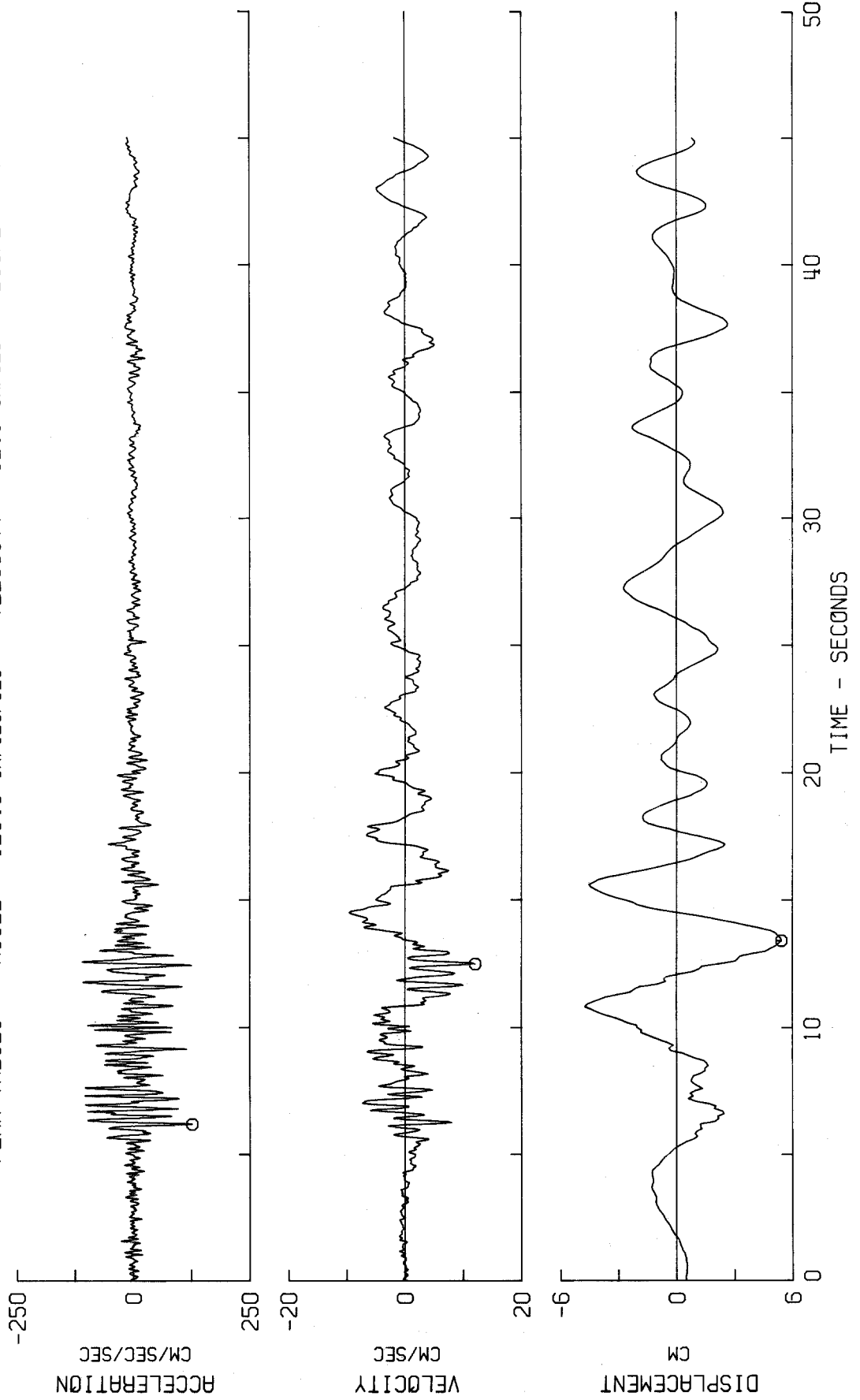
PEAK VALUES : ACCEL = -28.3 CM/SEC/SEC VELOCITY = -1.5 CM/SEC DISPL = 0.8 CM



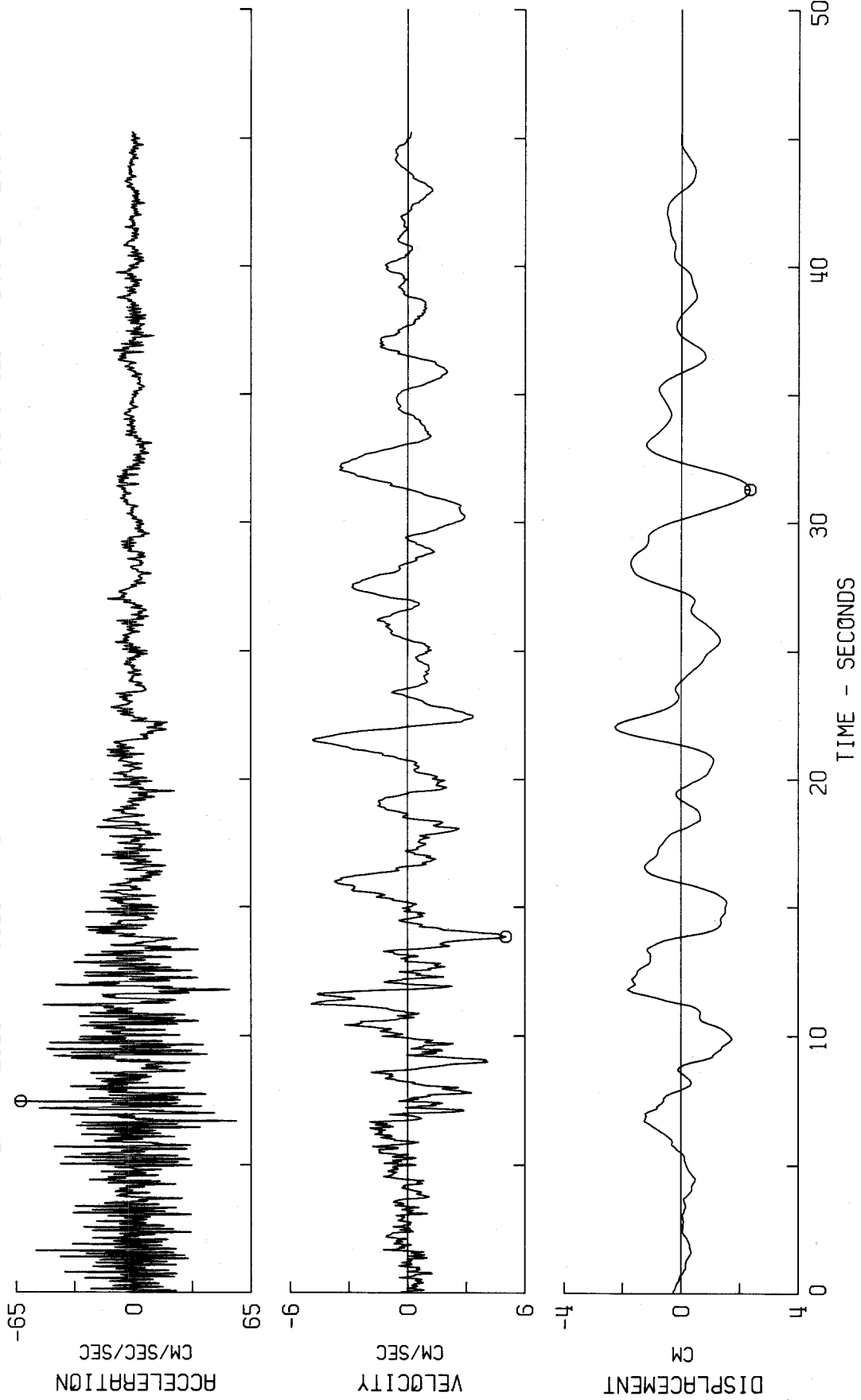
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN188 71.084.0 1880 CENTURY PARK EAST, PARKING, 1ST LEVEL, LOS ANGELES, CAL. COMP N54E
O PEAK VALUES : ACCEL = -114.4 CM/SEC/SEC VELOCITY = 17.0 CM/SEC DISPL = 10.8 CM



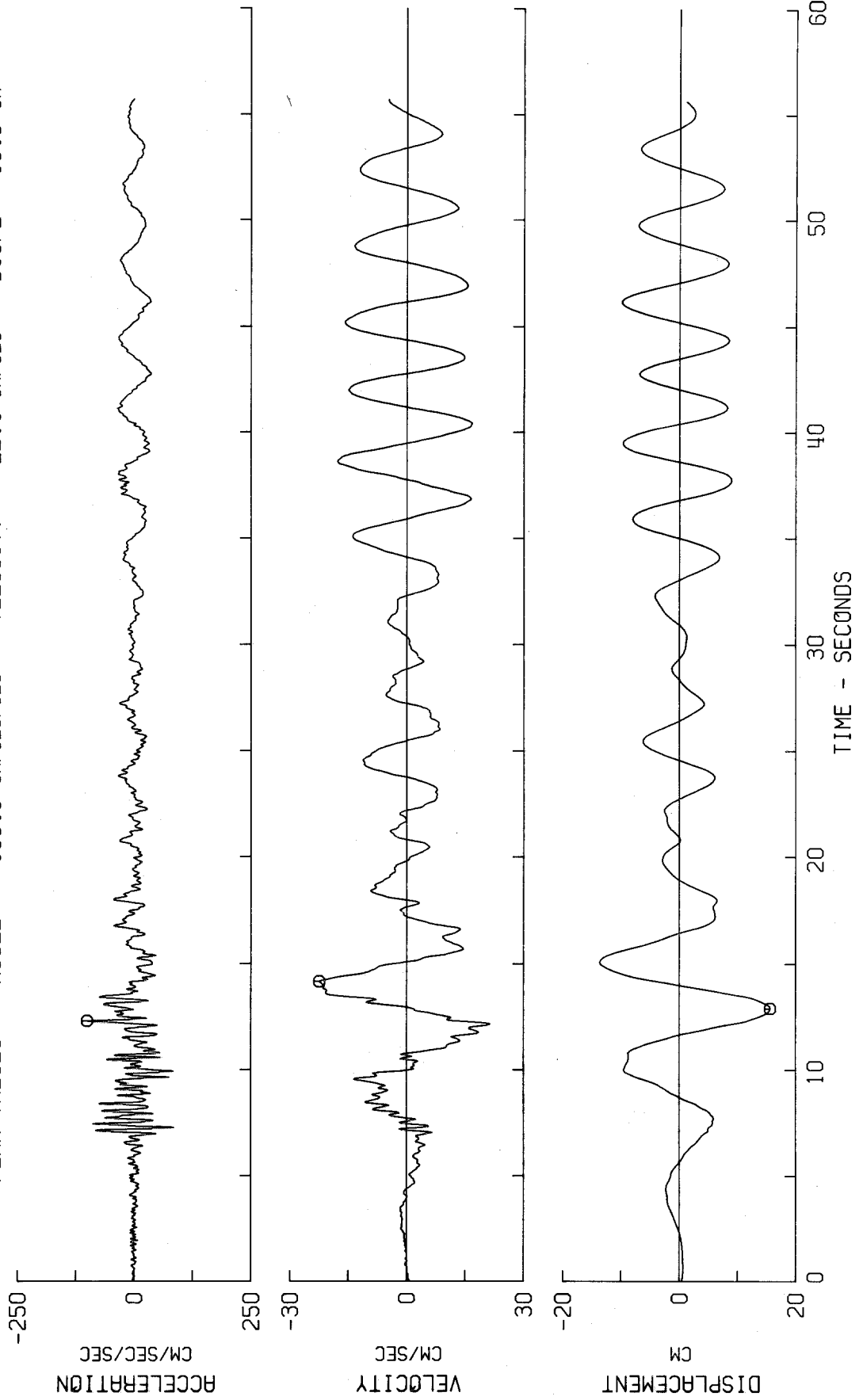
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN188 71.084.0 1880 CENTURY PARK EAST, PARKING, 1ST LEVEL, LOS ANGELES, CAL. COMP N36W
O PEAK VALUES : ACCEL = 126.5 CM/SEC/SEC VELOCITY = 12.1 CM/SEC DISPL = 5.4 CM



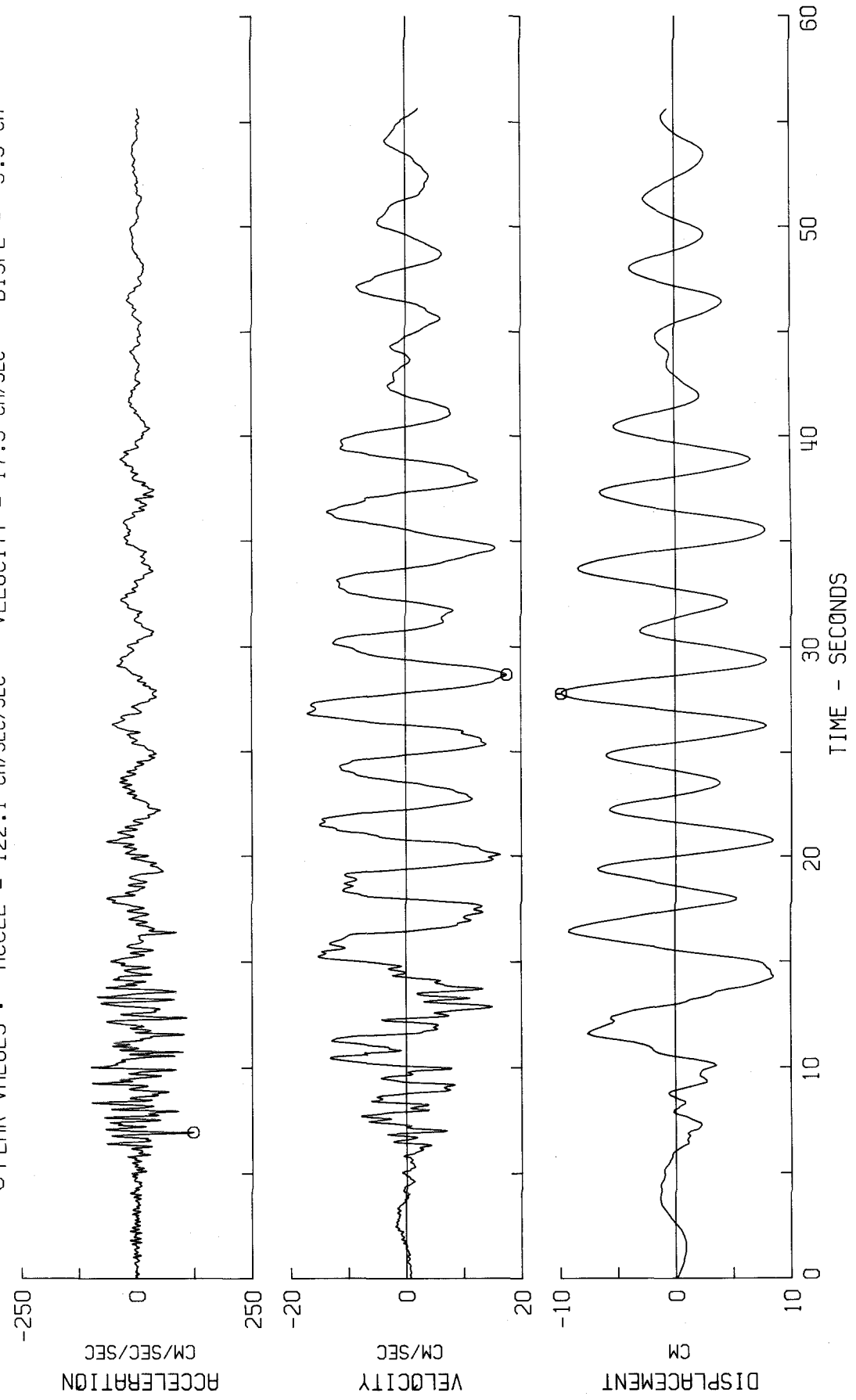
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN188 71.084.0 1880 CENTURY PARK EAST, PARKING, 1ST LEVEL, LOS ANGELES, CAL. COMP DOWN
PEAK VALUES: ACCEL = -62.5 CM/SEC/SEC VELOCITY = 5.0 CM/SEC DISPL = 2.4 CM



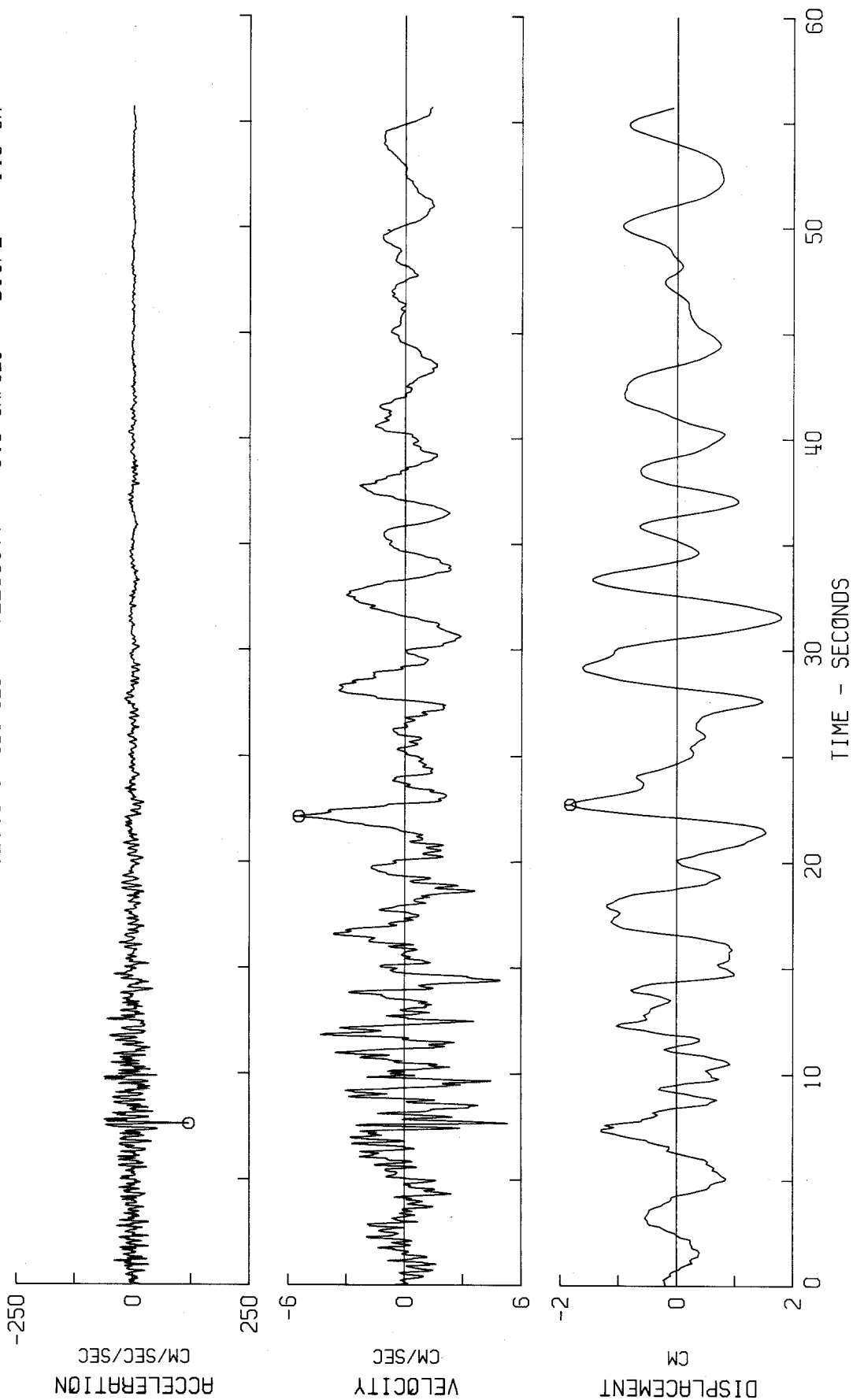
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN189 71.085.0 1880 CENTURY PARK EAST, 7TH FLOOR, LOS ANGELES, CAL. COMP N54E
PEAK VALUES : ACCEL = -100.5 CM/SEC/SEC VELOCITY = -22.4 CM/SEC DISPL = 15.6 CM



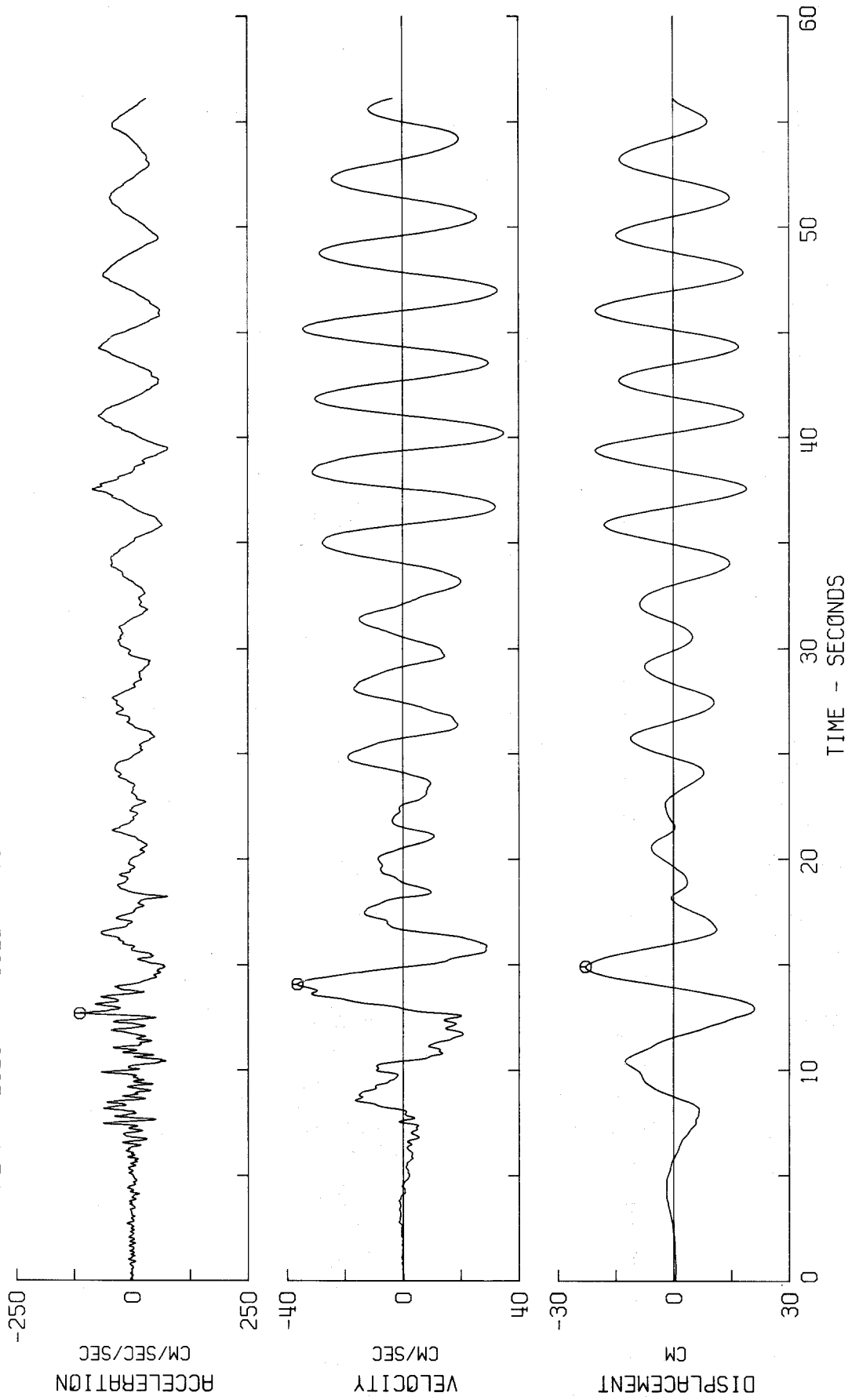
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN189 71.085.0 1880 CENTURY PARK EAST, 7TH FLOOR, LOS ANGELES, CAL. COMP N36W
PEAK VALUES : ACCEL = 122.1 CM/SEC/SEC VELOCITY = 17.5 CM/SEC DISPL = -9.9 CM



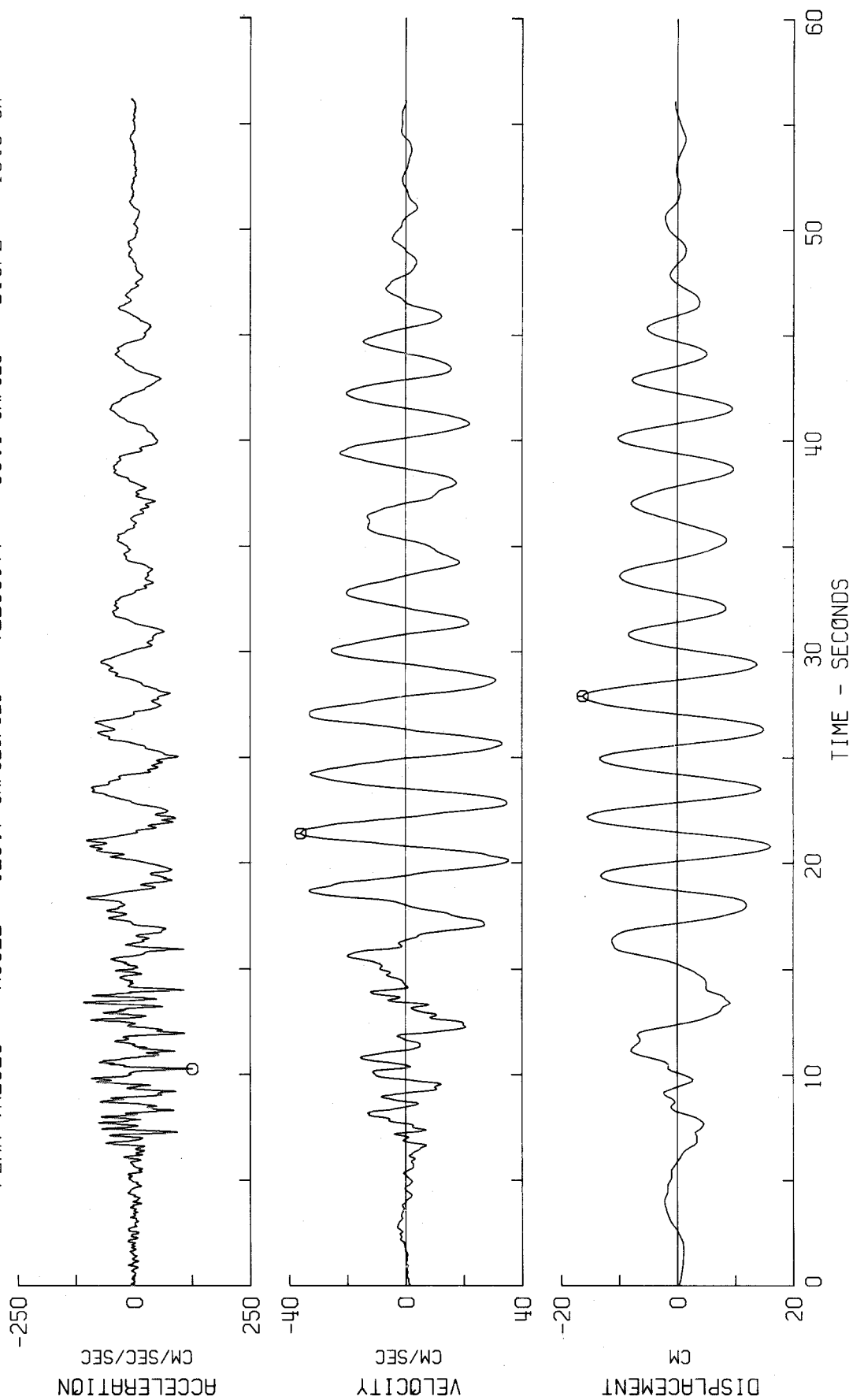
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIN189 71.085.0 1880 CENTURY PARK EAST, 7TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = 121.0 CM/SEC/SEC VELOCITY = -5.5 CM/SEC DISPL = -1.8 CM



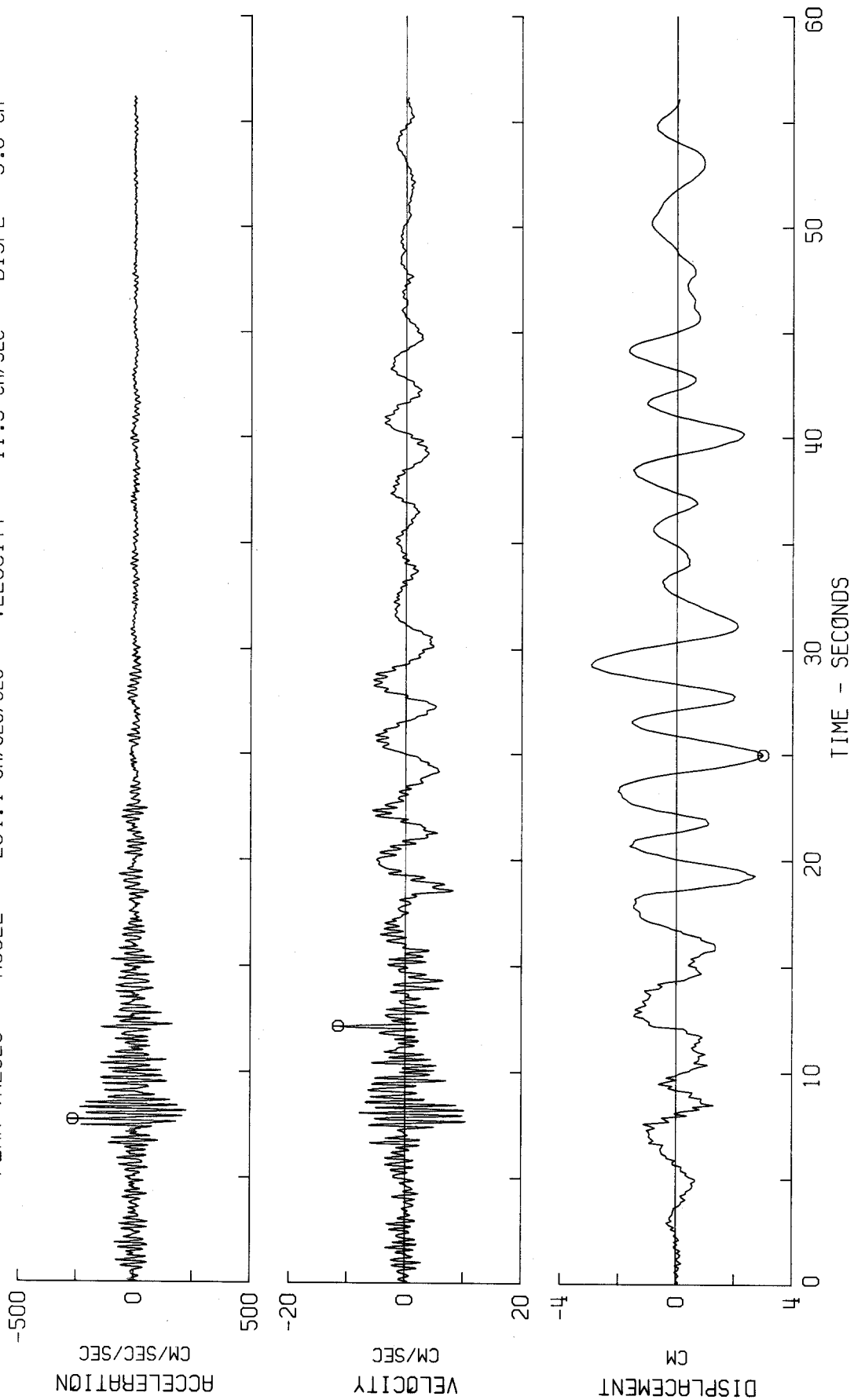
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN190 71.086.0 1880 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL. COMP N54E
o PEAK VALUES : ACCEL = -113.2 CM/SEC/SEC VELOCITY = -36.4 CM/SEC DISPL = -22.8 CM



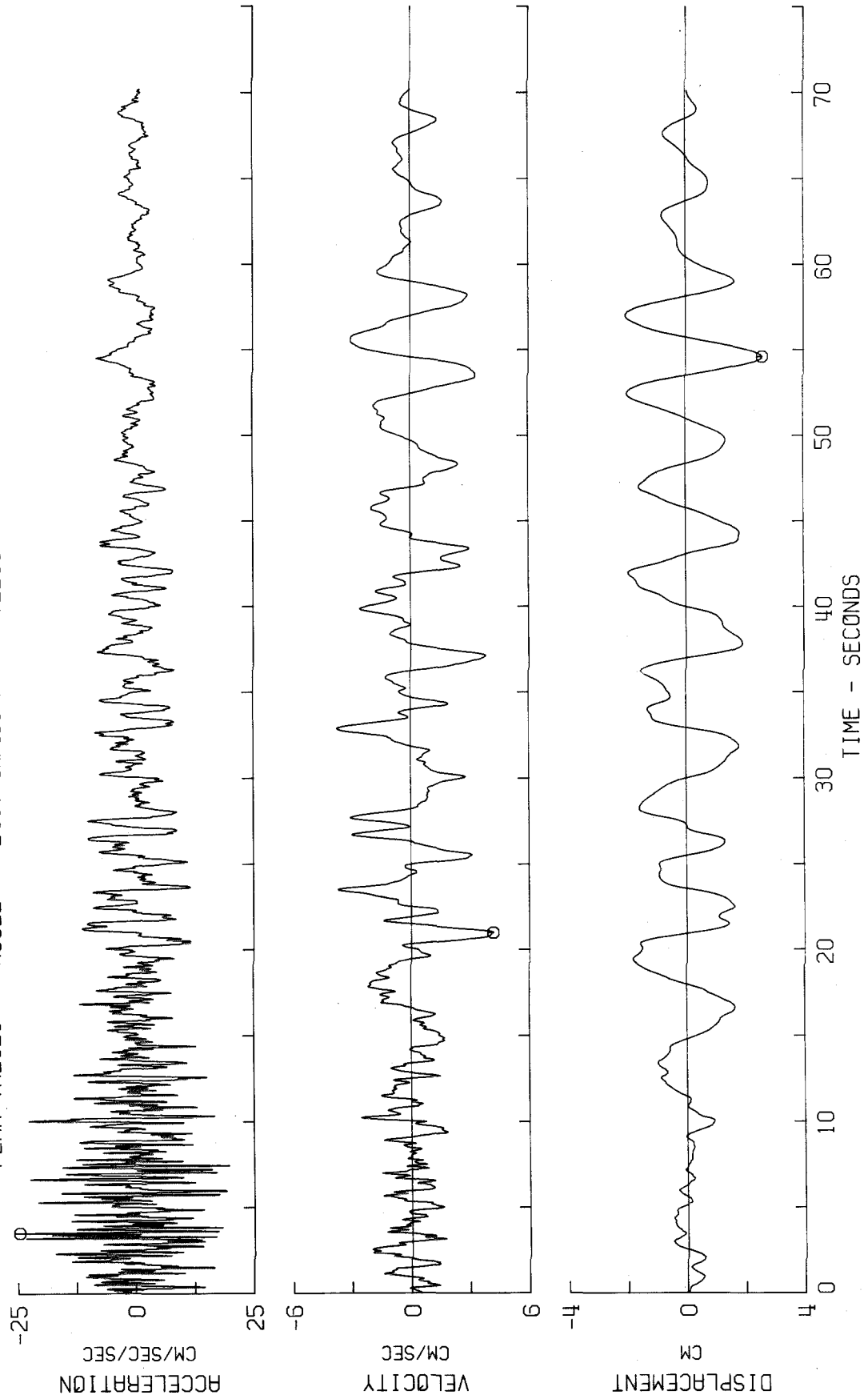
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIN190 71.086.0 1880 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL. COMP N36W
 @ PEAK VALUES : ACCEL = 125.7 CM/SEC/SEC VELOCITY = -36.1 CM/SEC DISPL = -16.3 CM



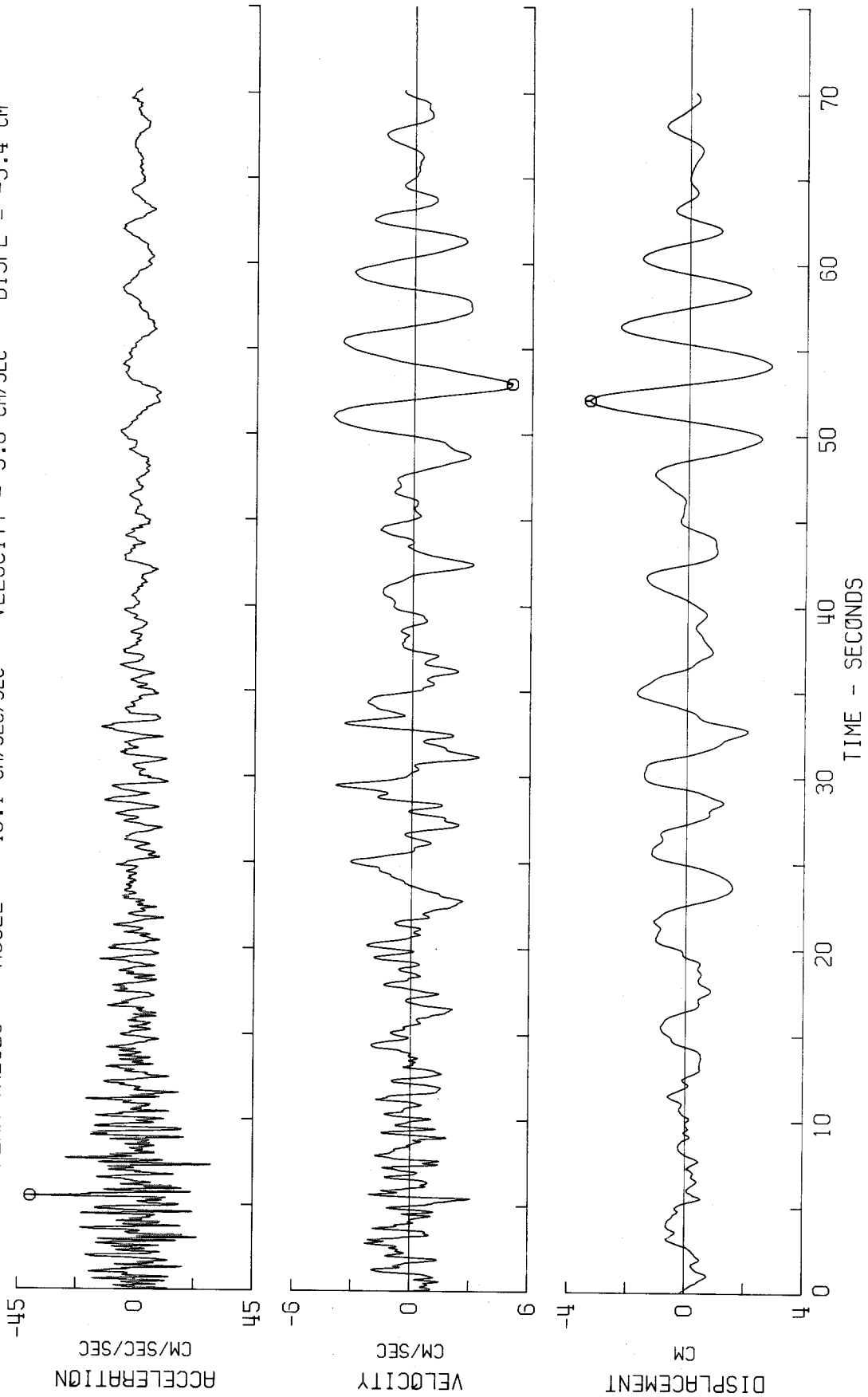
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN190 71.086.0 1880 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL. COMP DOWN
Ø PEAK VALUES : ACCEL = -264.4 CM/SEC/SEC VELOCITY = -11.5 CM/SEC DISPL = 3.0 CM



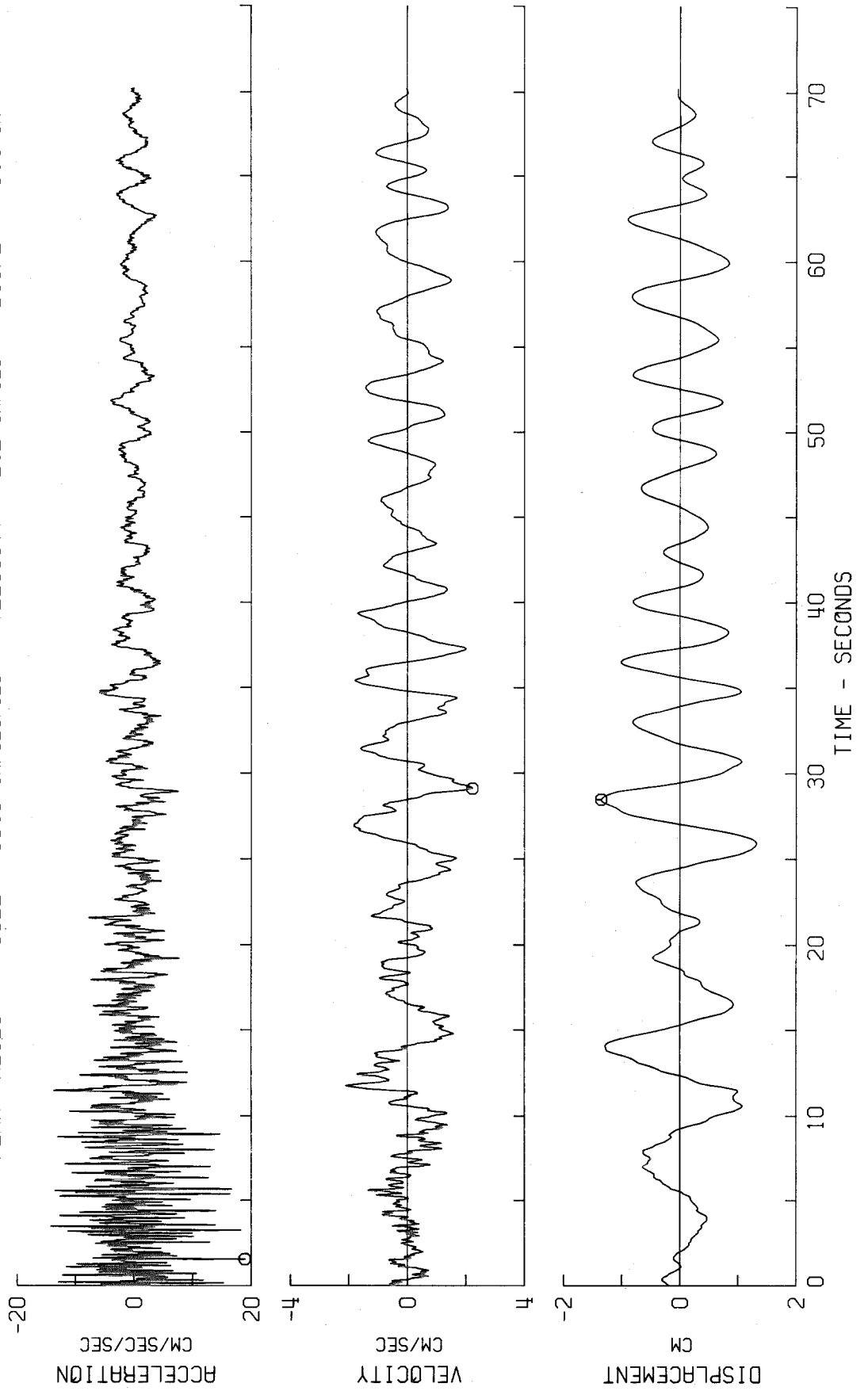
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11191 71.119.0 2516 VIA TEJON, GROUND LEVEL, PALOS VERDES ESTATES, CAL. COMP N65E
PEAK VALUES : ACCEL = -24.7 CM/SEC/SEC VELOCITY = 4.1 CM/SEC DISPL = 2.6 CM



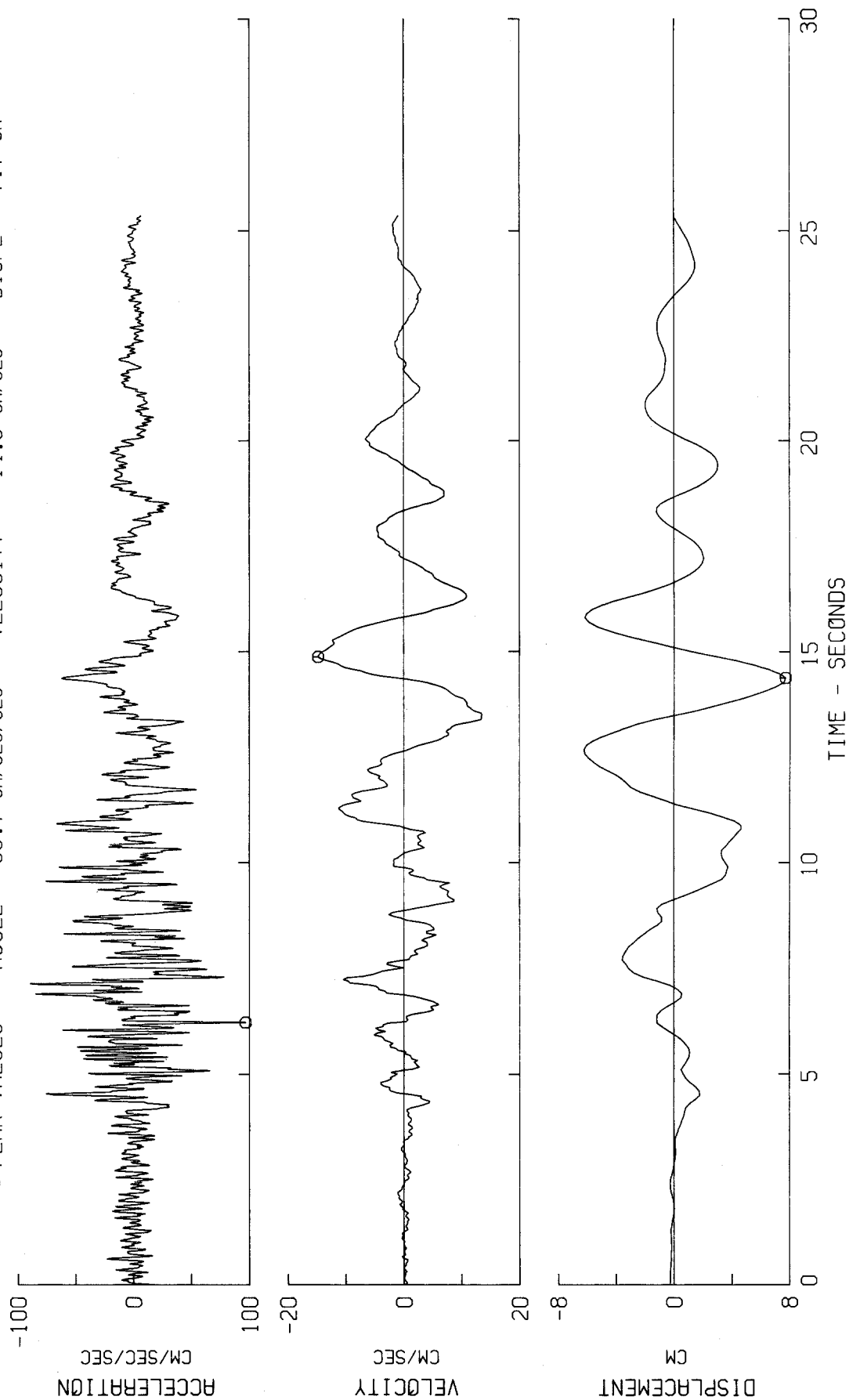
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN191 71.119.0 2516 VIA TEJON, GROUND LEVEL, PALOS VERDES ESTATES, CAL. COMP S25E
O PEAK VALUES : ACCEL = -40.1 CM/SEC/SEC VELOCITY = 5.0 CM/SEC DISPL = -3.4 CM



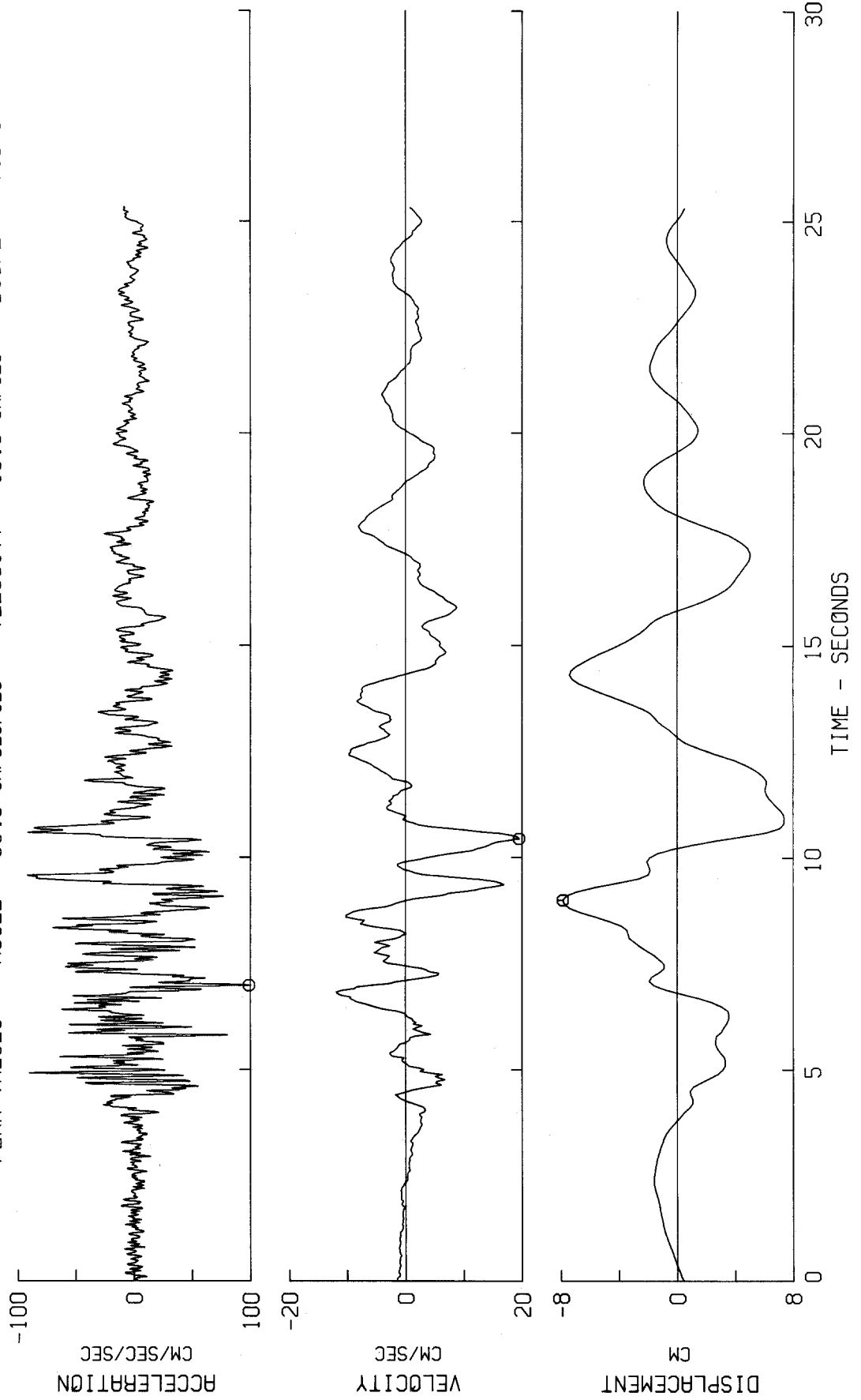
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN191 71.119.0 2516 VIA TEJON, GROUND LEVEL, PALOS VERDES ESTATES, CAL. COMP DOWN
o PEAK VALUES : ACCEL = 18.9 CM/SEC/SEC VELOCITY = 2.2 CM/SEC DISPL = -1.4 CM



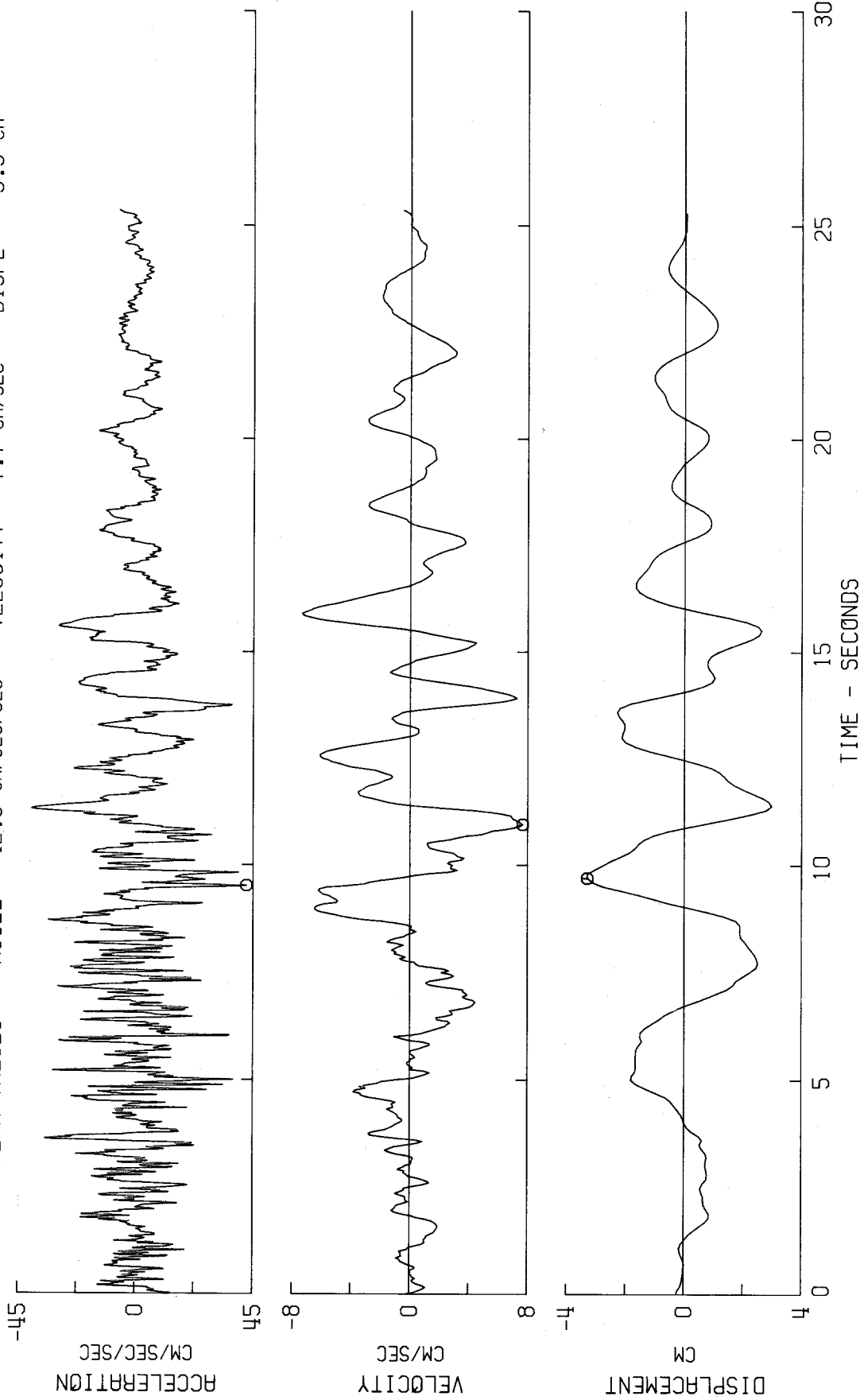
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN192 71.129.0 2500 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL. COMP N29E
PEAK VALUES : ACCEL = 96.7 CM/SEC/SEC VELOCITY = -14.8 CM/SEC DISPL = 7.7 CM



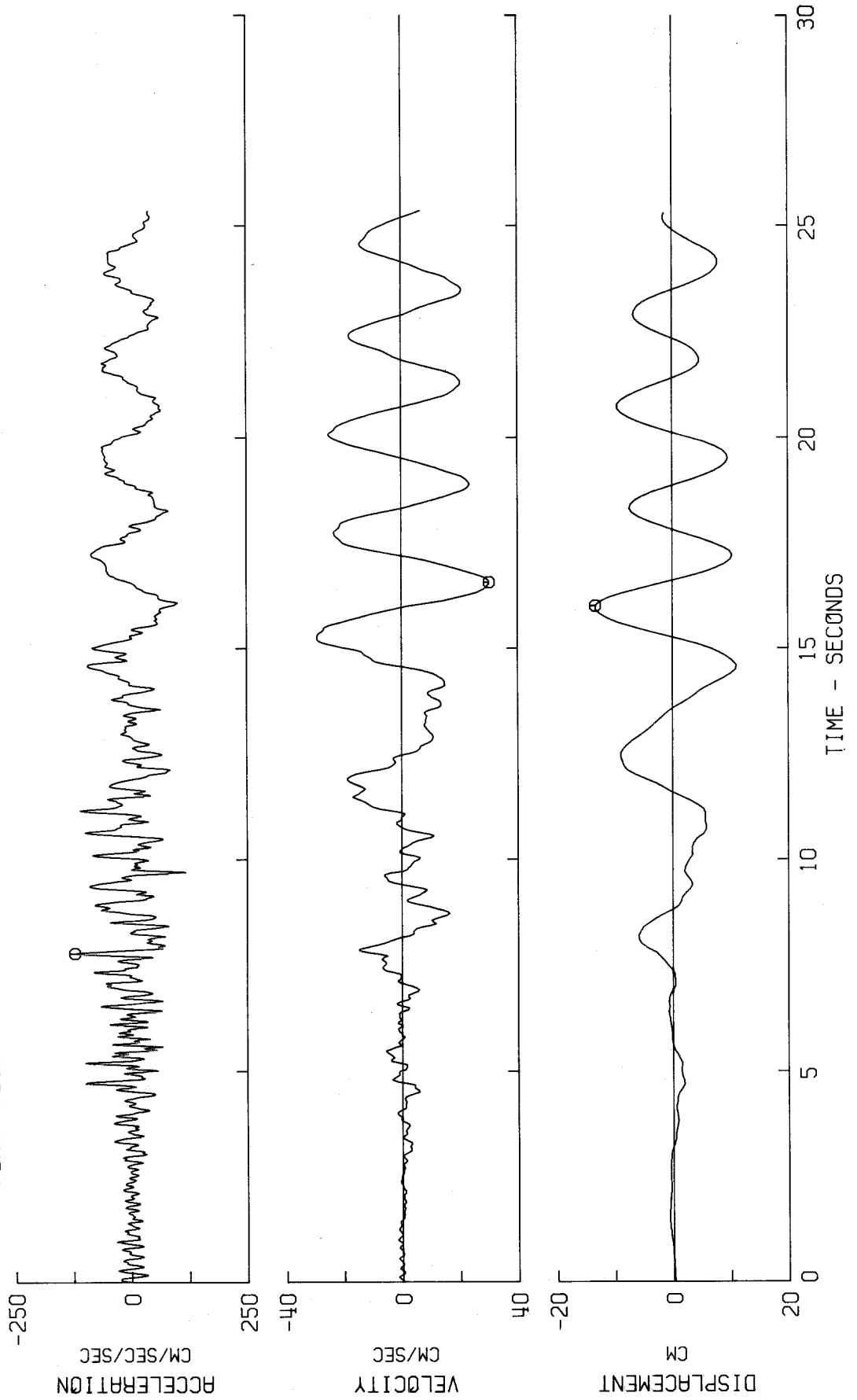
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN192 71.129.0 2500 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL. COMP N61W
PEAK VALUES : ACCEL = 98.9 CM/SEC/SEC VELOCITY = 19.5 CM/SEC DISPL = -7.9 CM



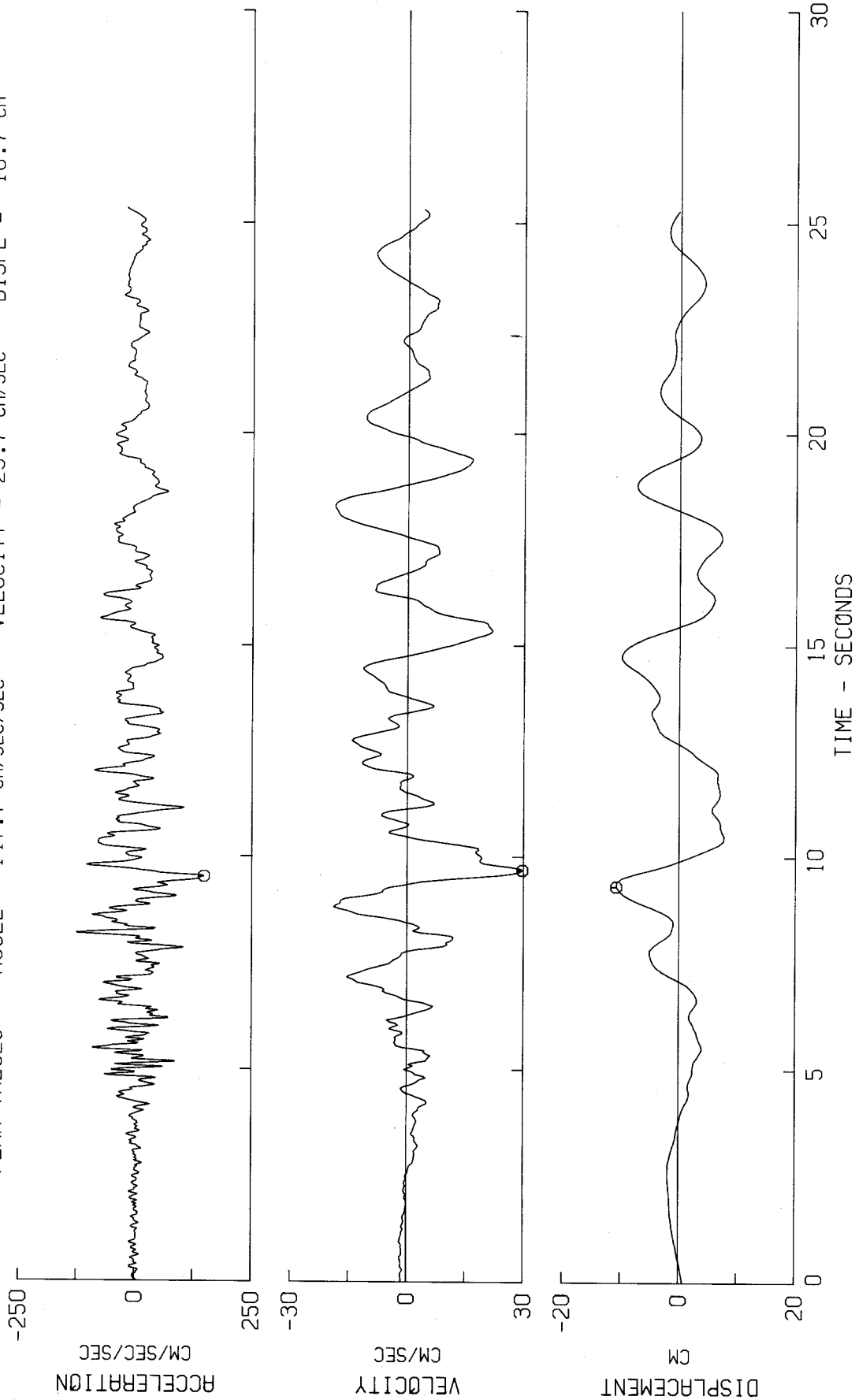
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN192 71.129.0 2500 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL. COMP DOWN
PEAK VALUES : ACCEL = 42.5 CM/SEC/SEC VELOCITY = 7.7 CM/SEC DISPL = -3.3 CM



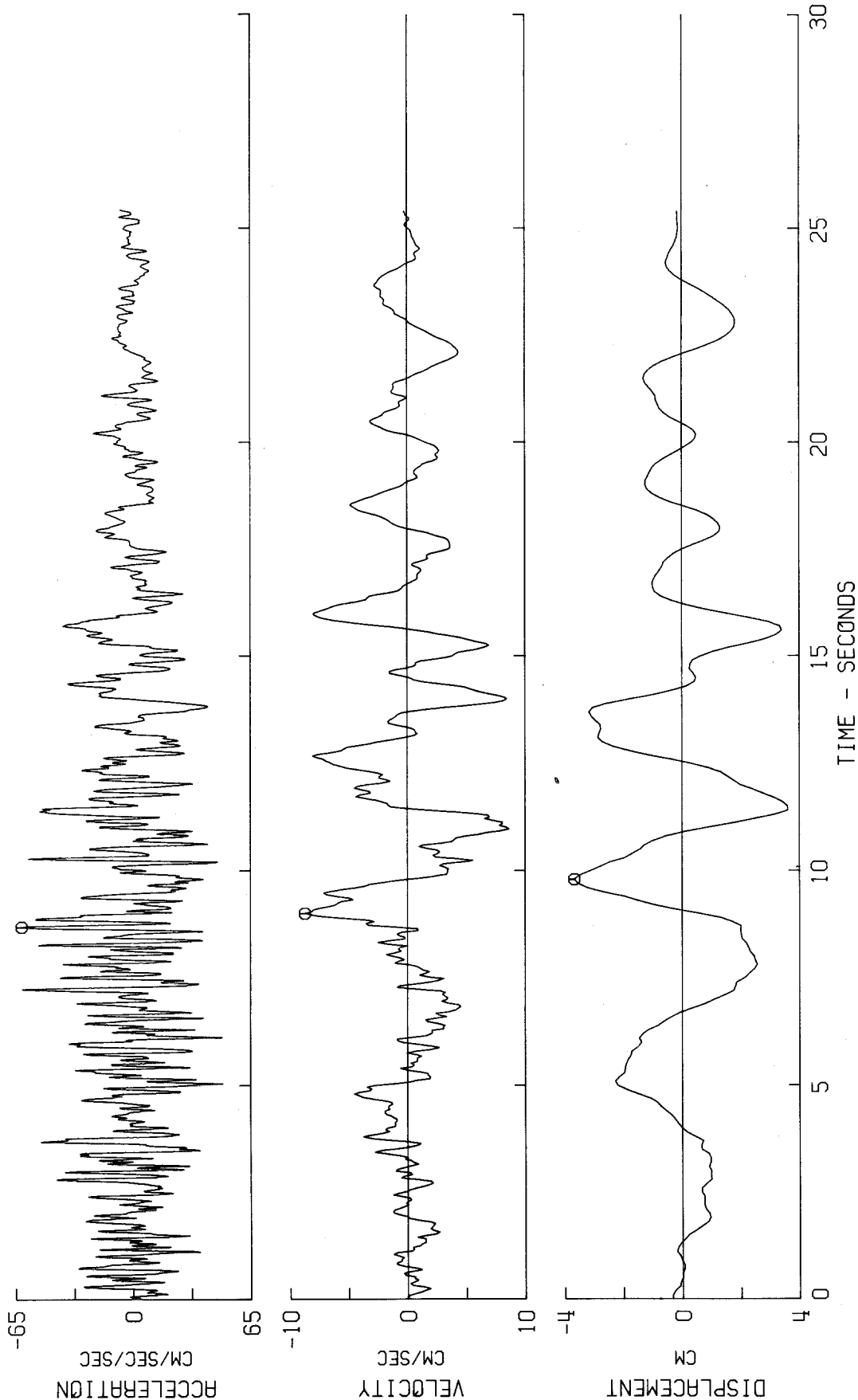
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN193 71.130.0 2500 WILSHIRE BLVD., 8TH FLOOR, LOS ANGELES, CAL. COMP N29E
PEAK VALUES : ACCEL = -121.1 CM/SEC/SEC VELOCITY = 30.2 CM/SEC DISPL = -13.3 CM



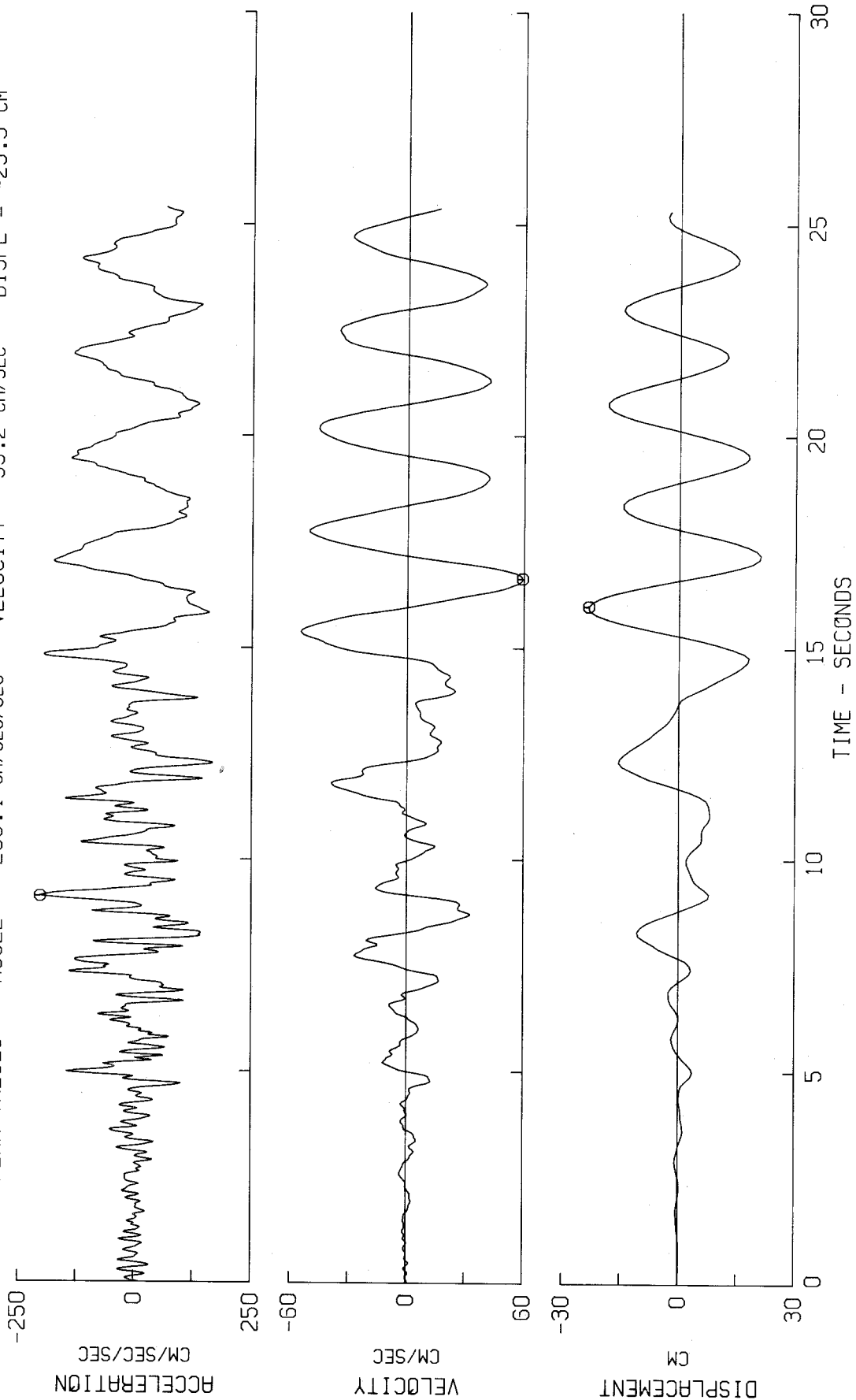
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN193 71.130.0 2500 WILSHIRE BLVD., 8TH FLOOR, LOS ANGELES, CAL. COMP N61W
Ø PEAK VALUES : ACCEL = 147.7 CM/SEC/SEC VELOCITY = 29.7 CM/SEC DISPL = -10.7 CM



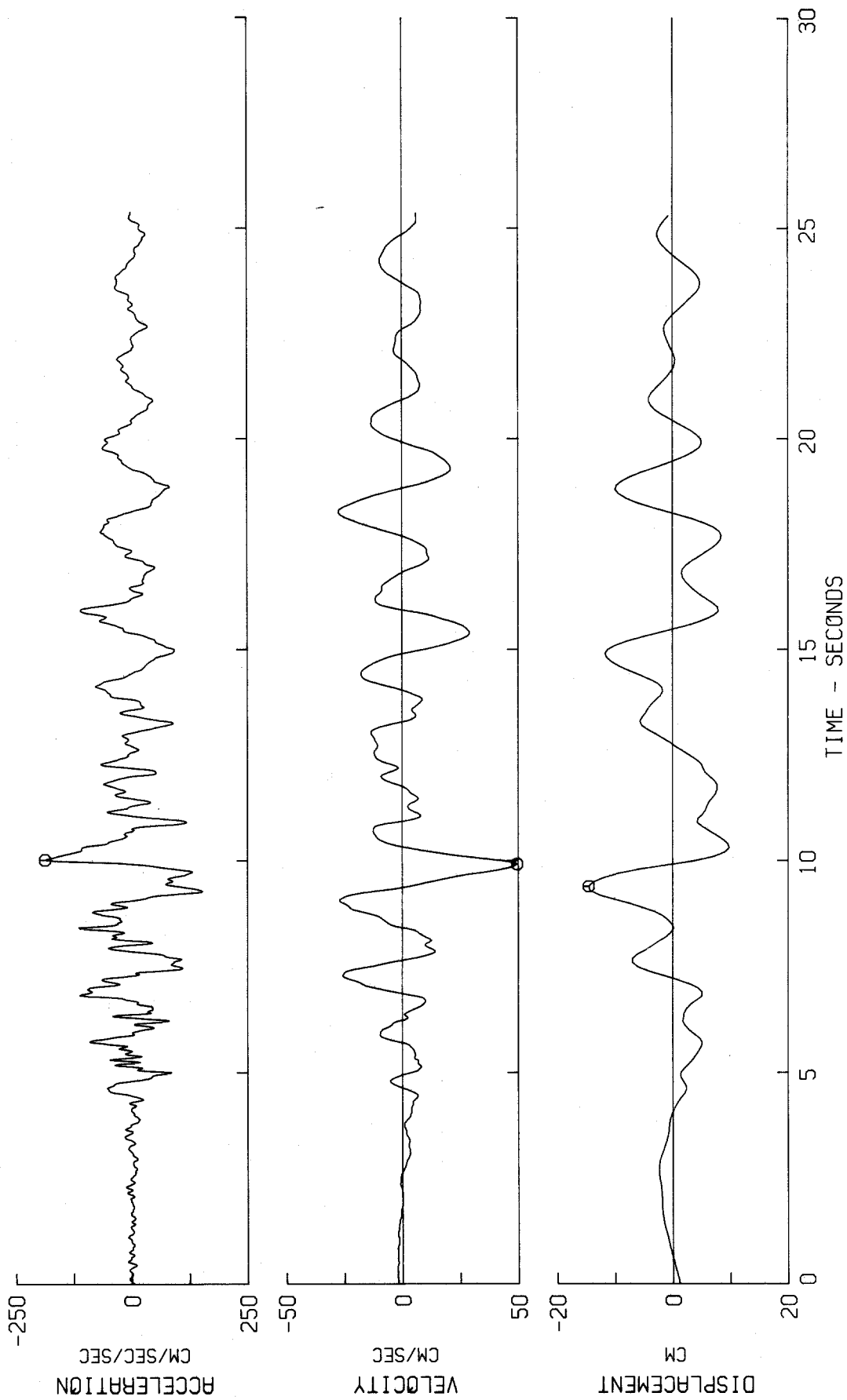
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIN193 71.130.0 2500 WILSHIRE BLVD., 8TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = -61.4 CM/SEC/SEC VELOCITY = -8.7 CM/SEC DISPL = -3.7 CM



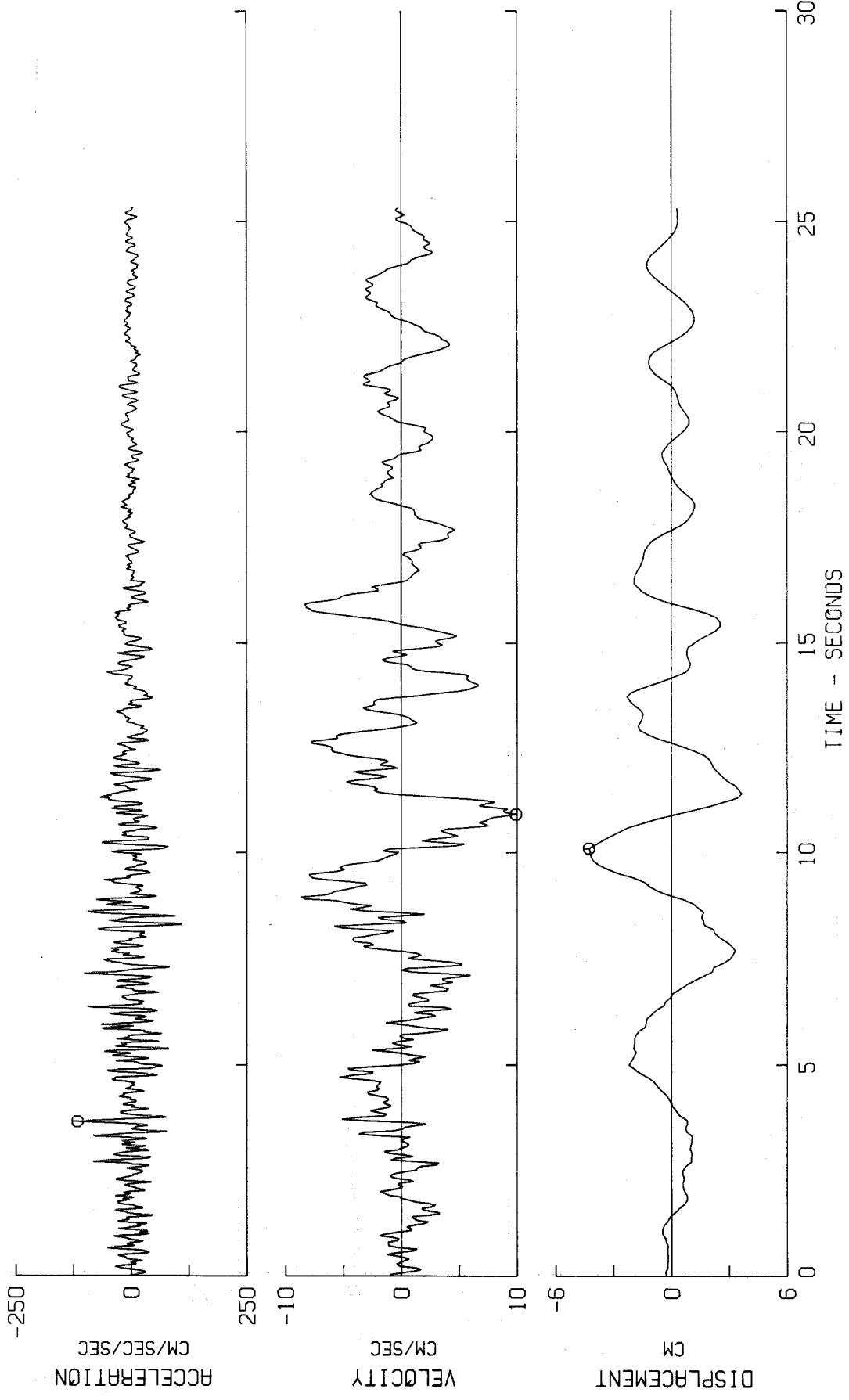
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN194 71.131.0 2500 WILSHIRE BLVD., ROOF, LOS ANGELES, CAL. COMP N29E
O PEAK VALUES : ACCEL = -203.4 CM/SEC/SEC VELOCITY = 59.2 CM/SEC DISPL = -23.3 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN194 71.131.0 2500 WILSHIRE BLVD., ROOF, LOS ANGELES, CAL. COMP NG1W
Ø PEAK VALUES : ACCEL = -186.3 CM/SEC/SEC VELOCITY = 49.5 CM/SEC DISPL = -14.5 CM



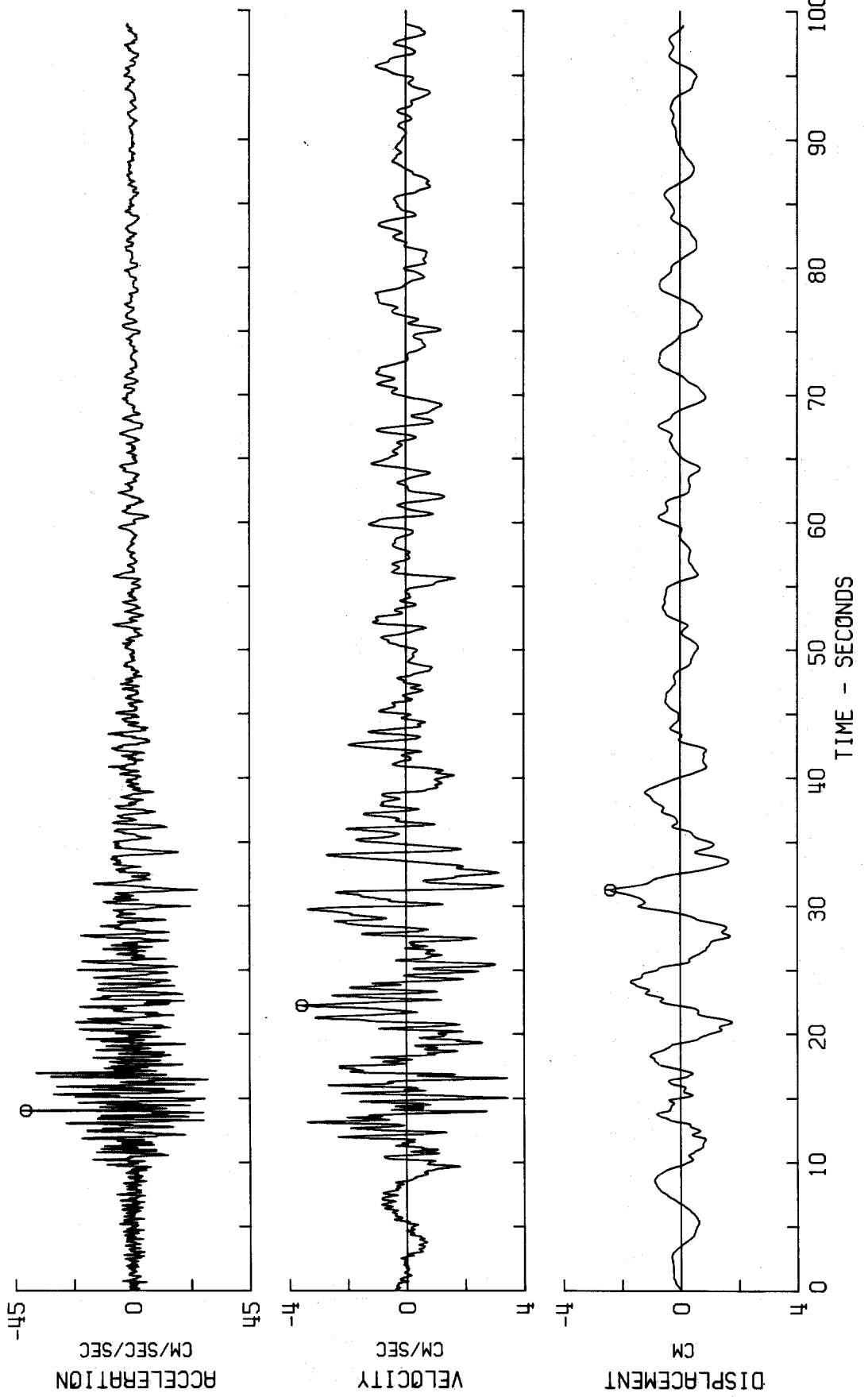
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN194 71.131.0 2500 WILSHIRE BLVD., ROOF, LOS ANGELES, CAL. COMP DOWN
PEAK VALUES : ACCEL = -116.6 CM/SEC/SEC VELOCITY = 9.9 CM/SEC DISPL = -4.3 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

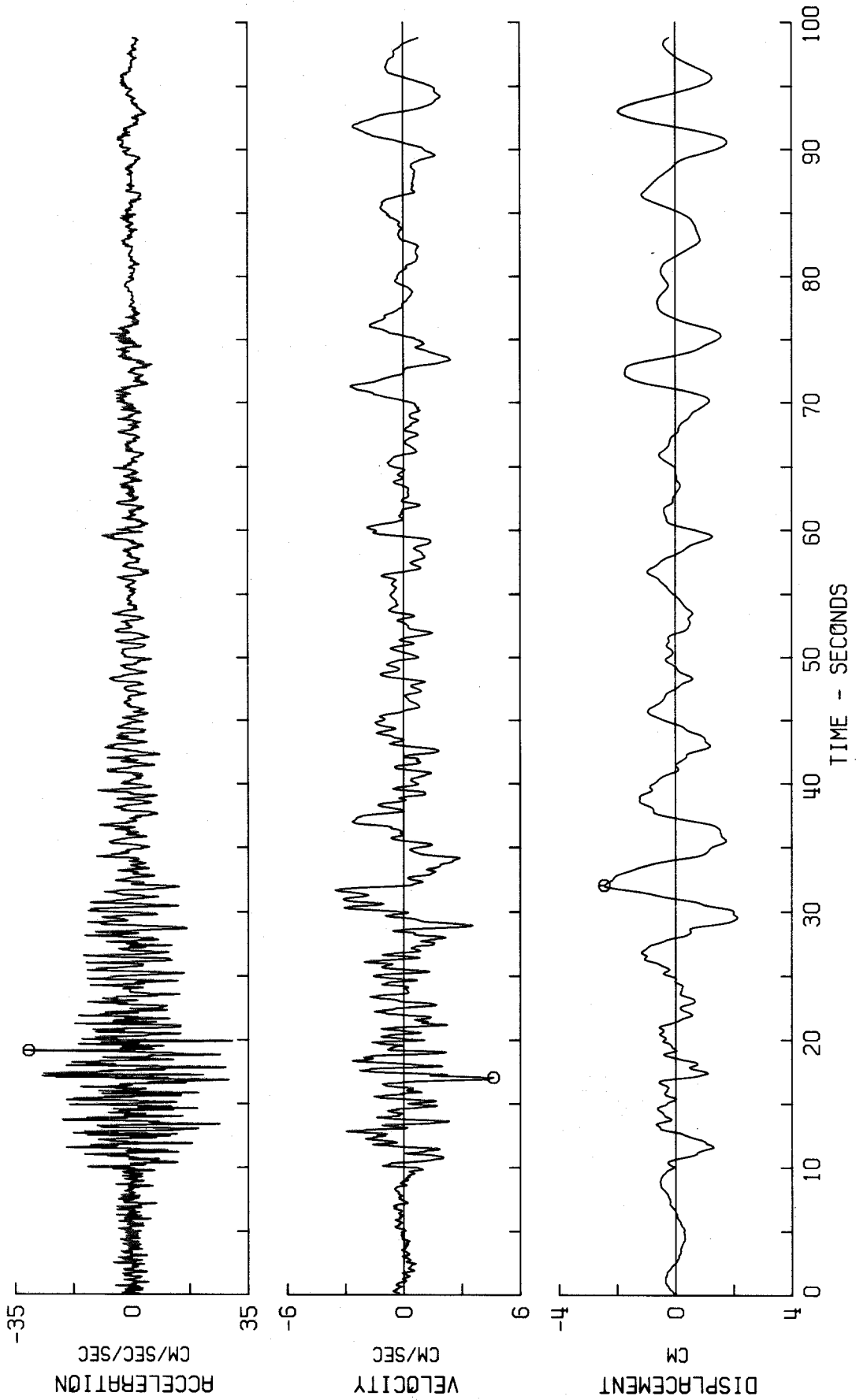
IIN195 71.140.0 SAN JUAN CAPISTRANO, CAL. COMP N33E

⊙ PEAK VALUES : ACCEL = -40.9 CM/SEC/SEC VELOCITY = -3.6 CM/SEC DISPL = -2.4 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN195 71.140.0 SAN JUAN CAPISTRANO, CAL. COMP N57W

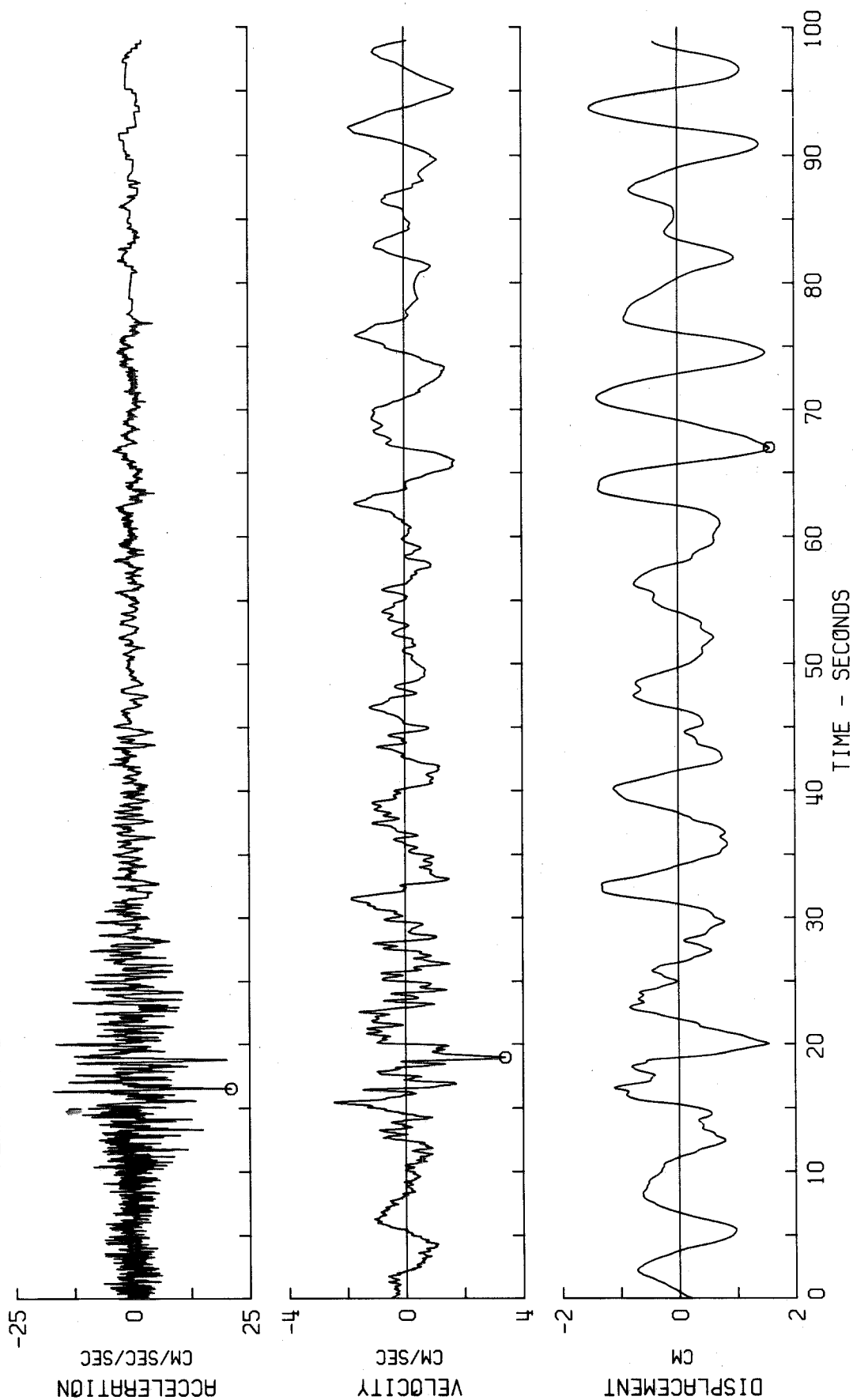
⊙ PEAK VALUES : ACCEL = -31.0 CM/SEC/SEC VELOCITY = 4.6 CM/SEC DISPL = -2.4 CM



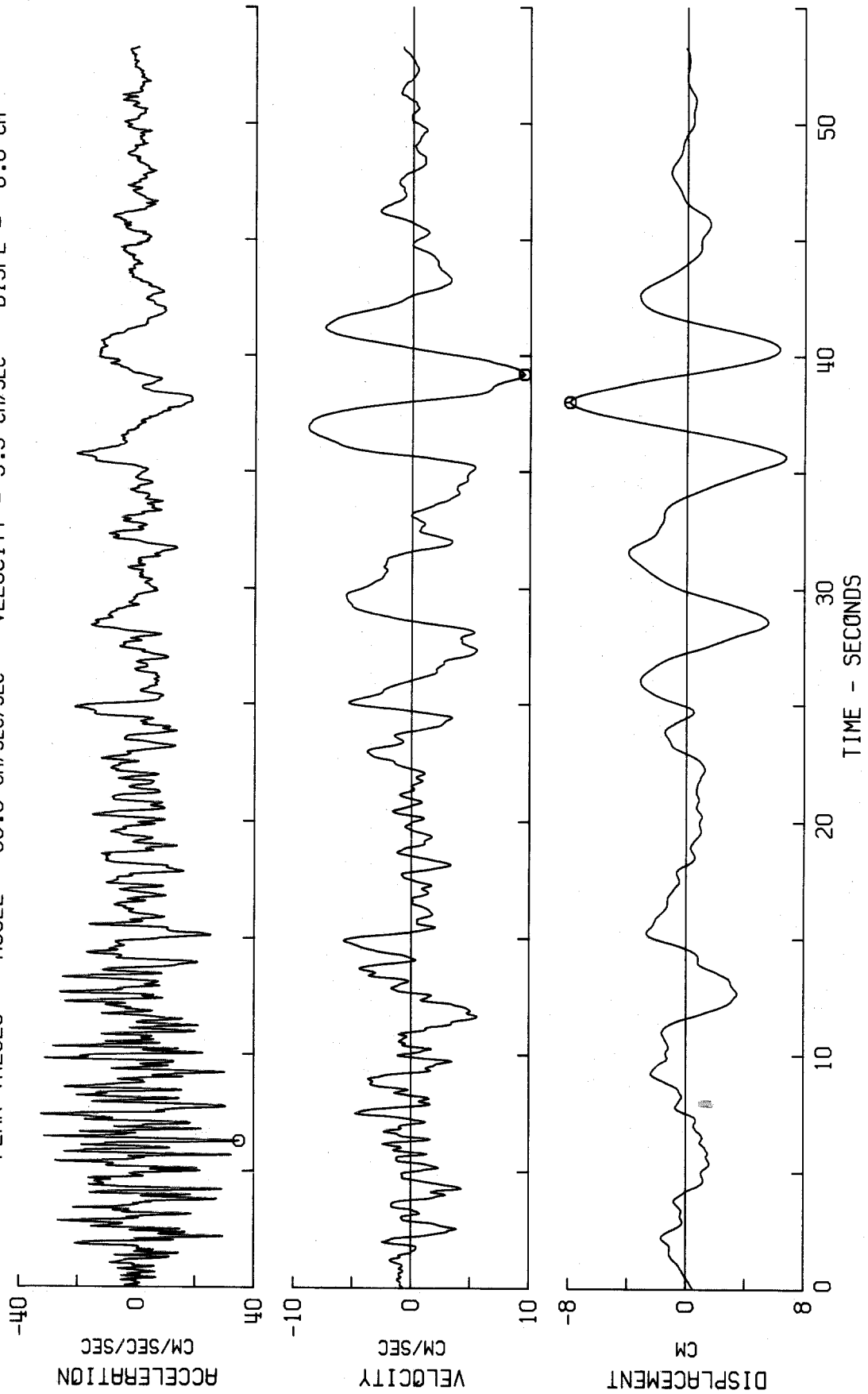
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

II195 71.140.0 SAN JUAN CAPISTRANO, CAL. COMP DOWN

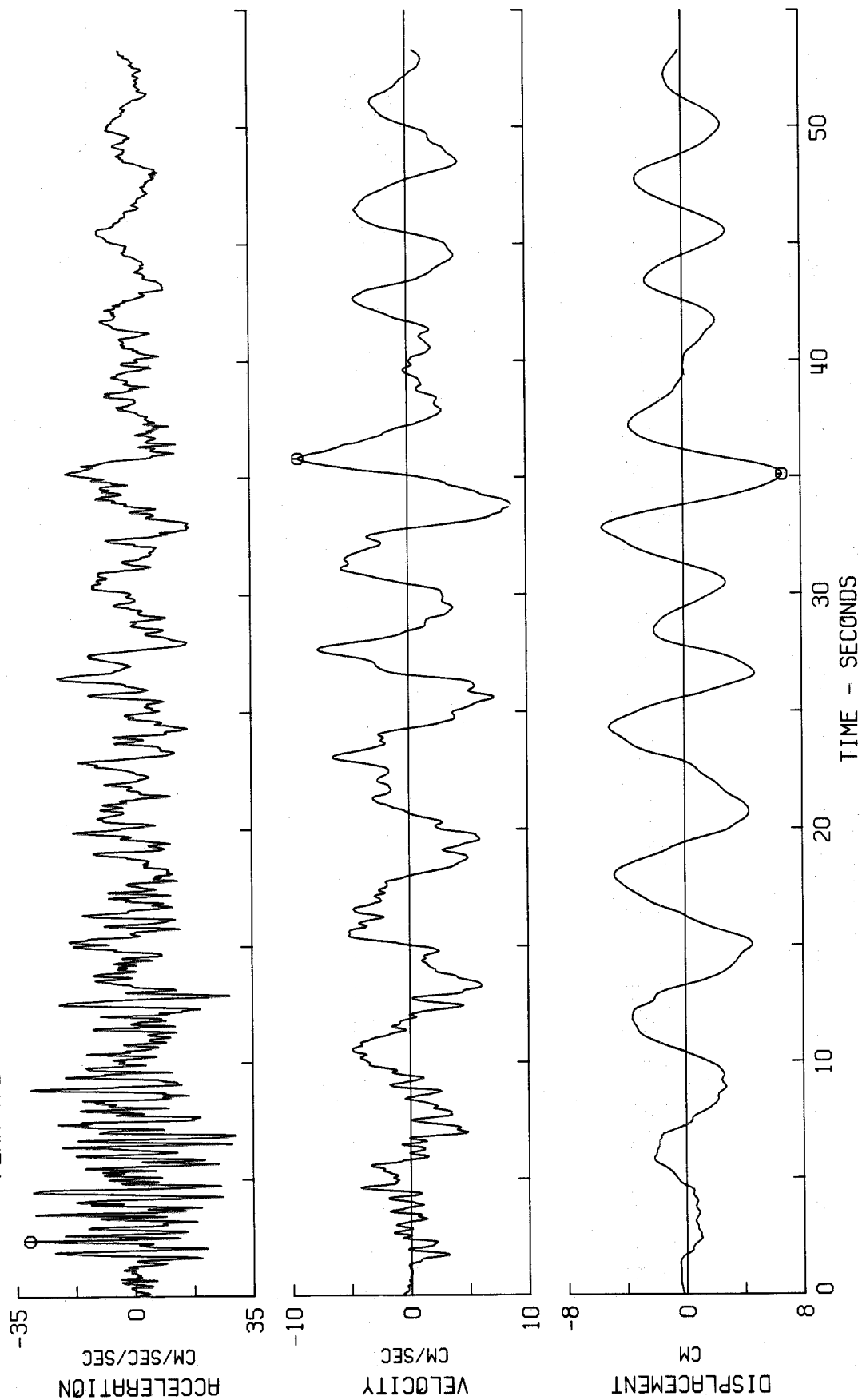
o PEAK VALUES : ACCEL = 21.0 CM/SEC/SEC VELOCITY = 3.4 CM/SEC DISPL = 1.6 CM



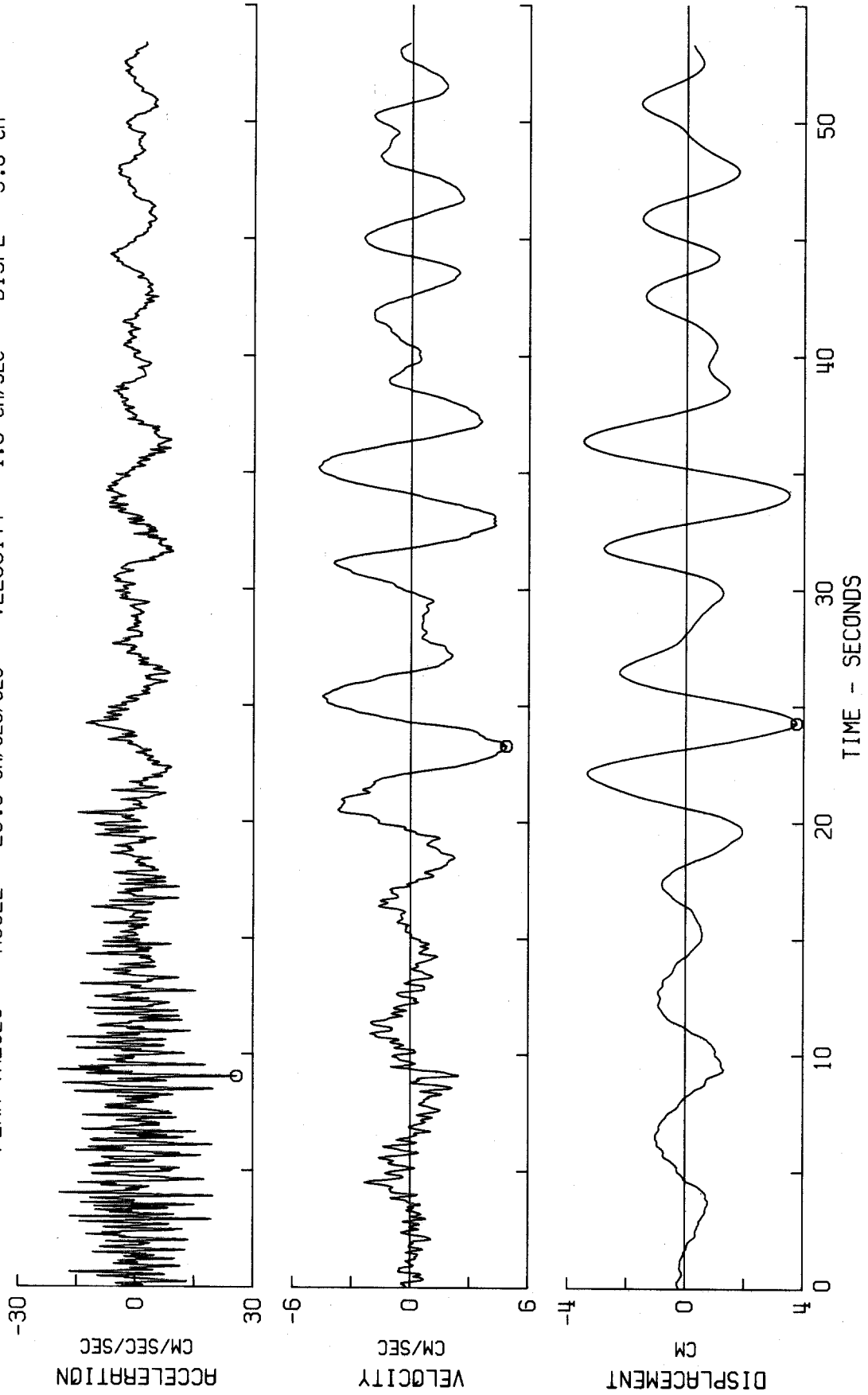
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN196 71.141.0 LONG BEACH STATE COLLEGE, GROUND LEVEL, LONG BEACH, CAL. COMP N76W
O PEAK VALUES : ACCEL = 35.0 CM/SEC/SEC VELOCITY = 9.5 CM/SEC DISPL = -8.0 CM



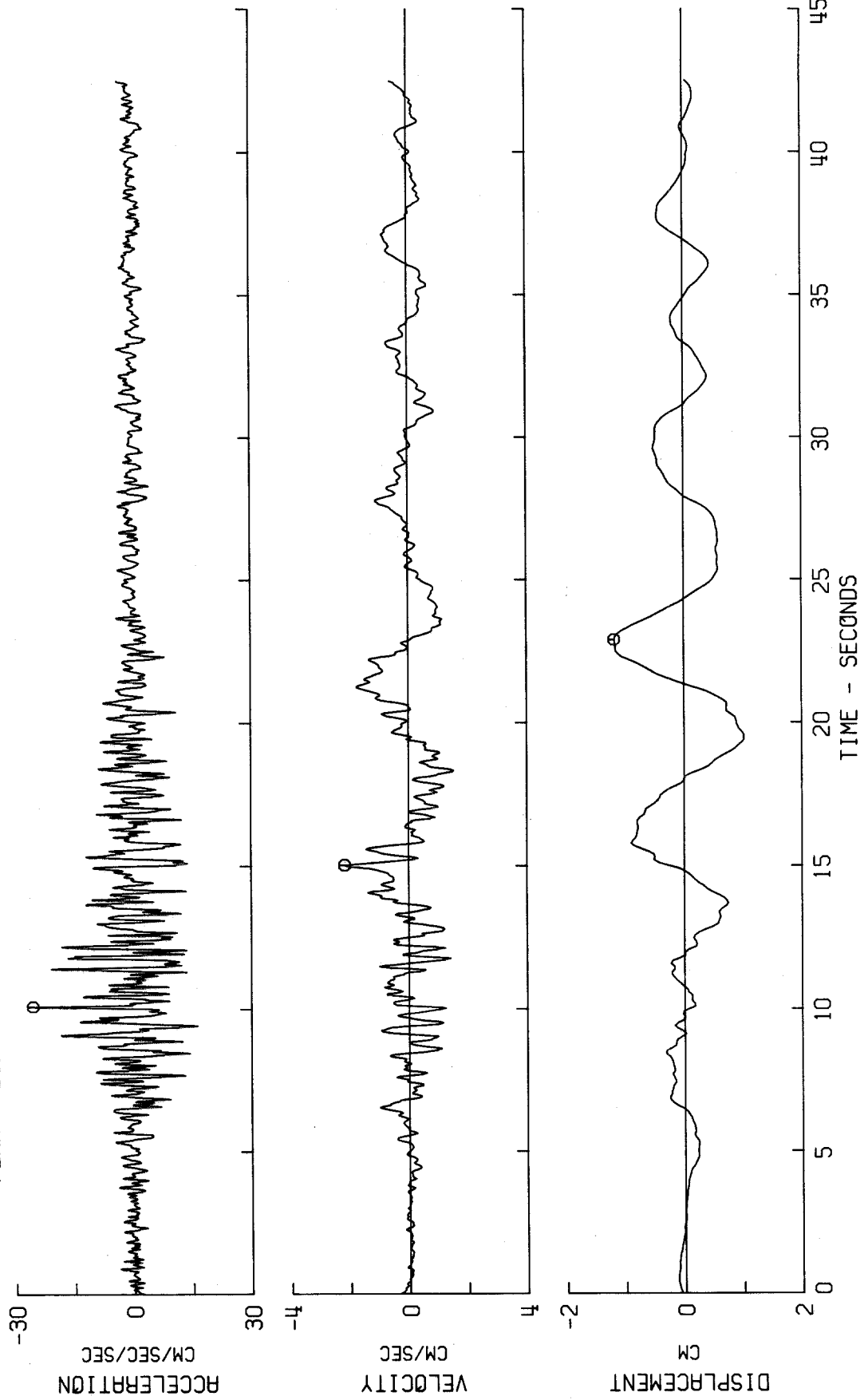
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIN196 71.141.0 LONG BEACH STATE COLLEGE, GROUND LEVEL, LONG BEACH, CAL. COMP S14W
 O PEAK VALUES : ACCEL = -31.2 CM/SEC/SEC VELOCITY = -9.3 CM/SEC DISPL = 6.7 CM



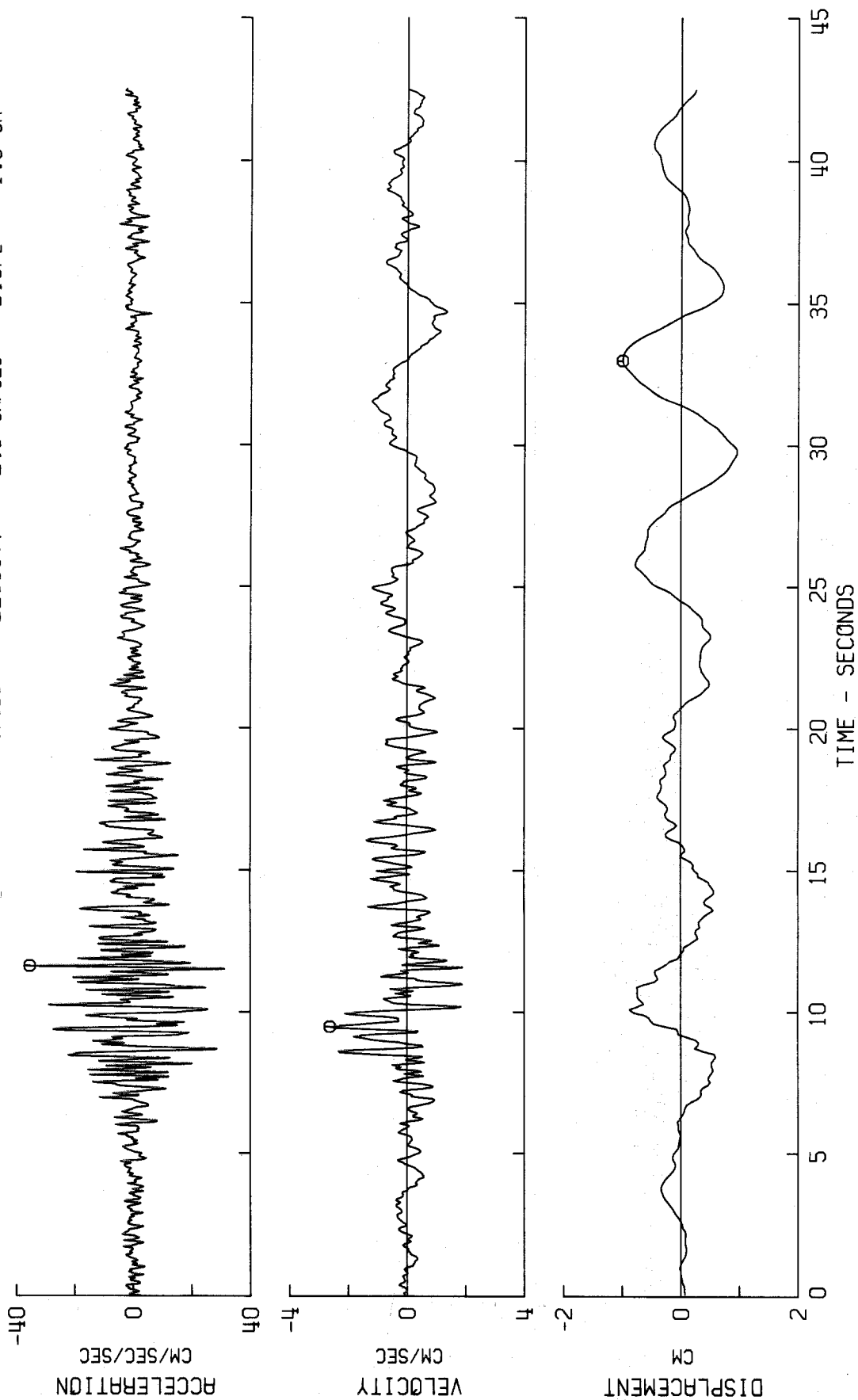
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN196 71.141.0 LONG BEACH STATE COLLEGE, GROUND LEVEL, LONG BEACH, CAL. COMP DOWN
O PEAK VALUES : ACCEL = 25.8 CM/SEC/SEC VELOCITY = 4.9 CM/SEC DISPL = 3.8 CM



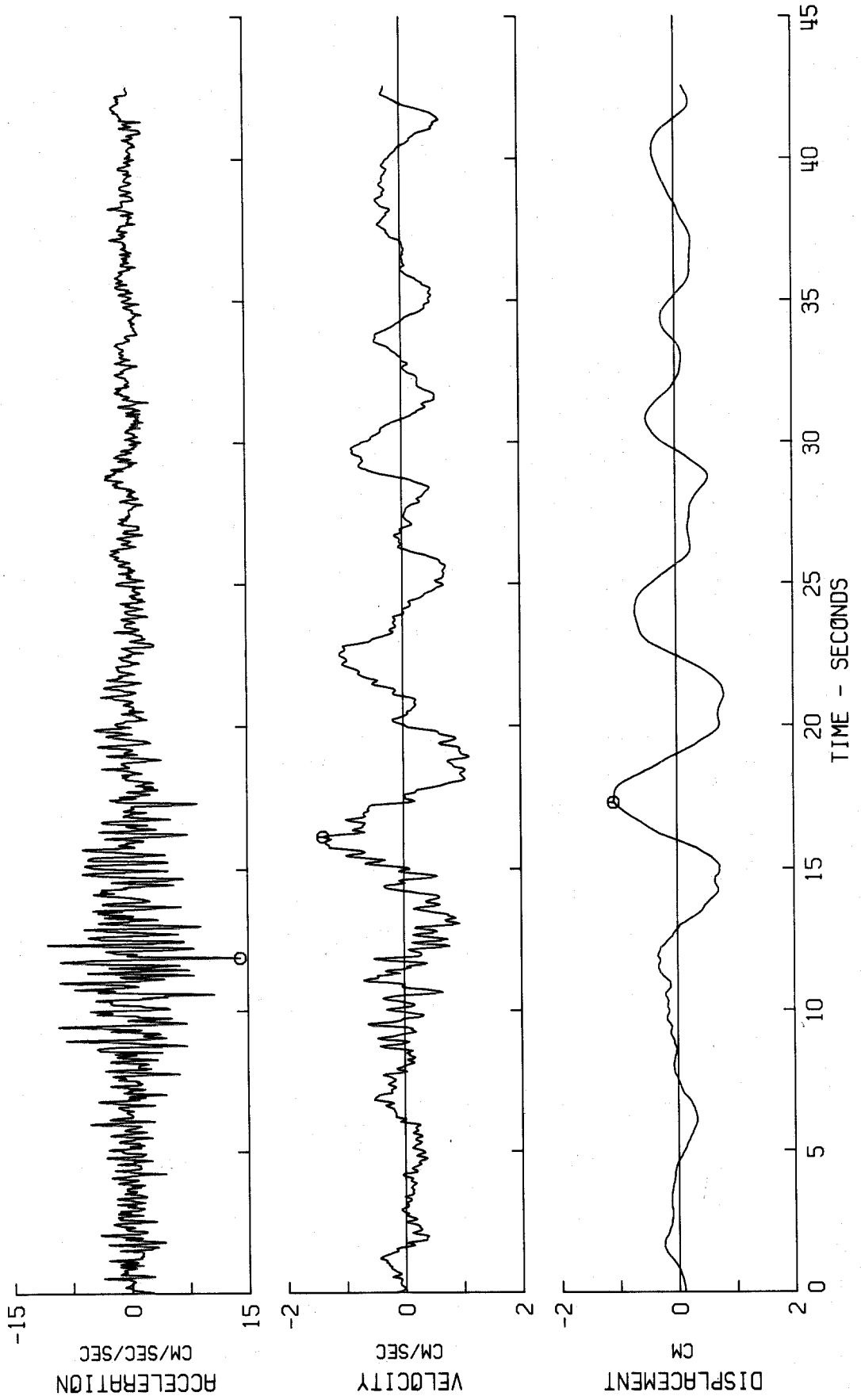
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN197 71.229.0 ANZA POST OFFICE, STORAGE ROOM, ANZA, CAL. COMP N45E
⊙ PEAK VALUES : ACCEL = -25.6 CM/SEC/SEC VELOCITY = -2.2 CM/SEC DISPL = -1.2 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIN197 71.229.0 ANZA POST OFFICE, STORAGE ROOM, ANZA, CAL. COMP N45W
 PEAK VALUES: ACCEL = 35.4 CM/SEC/SEC VELOCITY = -2.6 CM/SEC DISPL = -1.0 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIN197 71.229.0 ANZA POST OFFICE, STORAGE ROOM, ANZA, CAL. COMP DOWN
Ø PEAK VALUES : ACCEL = 14.0 CM/SEC/SEC VELOCITY = -1.4 CM/SEC DISPL = -1.1 CM



```
PEAK VALS      ACLN = 67.3 CM/SEC/SEC AT 7.56 SEC      VELO = -3.5 CM/SEC AT 6.22 SEC      DISP = 1.7 CM AT 11.82 SEC
```

INITIAL VELO = -0.29832 CM/SEC INITIAL DISP = 0.32824 CM

2176 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-3	-68	-45	39	51	-5	-64	-63	36	140	129	47	3	30	107	121	-7	-131	-85
-71	-133	-120	-77	-1	121	205	90	-125	-232	-174	-82	-25	-1	-22	-72	-74	10	86
81	73	8	-46	-38	-3	5	15	44	49	17	-23	-16	43	92	57	-27	22	102
-107	-131	-85	-50	13	91	117	71	-33	-154	-204	-115	11	105	145	68	-181	-291	-13
326	105	-85	-96	-4	152	143	-55	-255	-202	50	281	209	-59	-280	-159	205	426	243
-411	-420	-131	231	243	114	-68	-185	-146	40	139	39	-124	-191	-95	159	437	409	164
-226	-345	-361	-295	-177	-52	124	294	271	224	202	93	-6	60	183	174	29	-90	-138
-296	-281	-183	-59	134	286	265	87	-192	-350	-294	-19	315	329	69	-223	-274	-97	206
366	215	56	-78	-113	19	131	132	88	46	57	123	169	100	42	78	109	58	-61
-355	-430	-398	-341	-298	-204	2	187	214	194	182	169	199	247	187	37	-35	22	85
81	-30	-211	-241	-145	-120	-231	-239	-41	278	439	411	247	30	-104	-73	-73	-266	-546
-392	-155	89	195	129	63	119	319	528	518	304	0	-230	-325	-331	-244	-155	-86	-51
113	189	164	109	88	84	41	-22	-110	-183	-95	78	184	219	132	-115	-319	-294	-169
56	73	176	291	250	107	-22	-102	-219	-318	-252	-66	17	-175	-419	-460	-227	114	274
255	212	169	144	166	158	42	-83	-81	-81	-120	-246	-380	-499	-485	-286	109	403	487
434	330	156	10	-144	-352	-472	-482	-474	-415	-233	48	295	489	488	339	49	-245	-300
-8	-28	-47	18	72	8	-17	32	107	142	127	24	-143	-151	-36	-60	-251	-359	-248
385	398	134	-156	-196	-59	70	112	56	-56	-194	-234	-89	183	359	343	272	110	-50
-184	-110	53	198	224	126	-11	-191	-372	-411	-341	-183	-8	78	-5	-30	162	533	502
37	-292	-257	-124	-151	-262	-276	-153	54	204	258	164	-33	-151	-111	-63	-50	-34	73
294	313	207	10	-184	-241	-153	-52	8	-27	-157	-295	-296	-17	312	382	242	59	-43
194	304	299	211	63	-110	-176	-145	-117	-113	-97	-44	4	42	83	89	6	-122	-187
-107	-55	-16	-51	-87	-65	-10	84	191	236	135	-8	-40	42	135	152	55	-84	-208
-238	-199	-115	21	149	193	215	262	279	173	86	89	73	17	-82	-189	-221	-148	-4
-66	-108	-49	133	267	258	181	59	-13	37	171	248	175	11	-158	-237	-206	-130	-89
-25	25	29	7	-7	7	-7	-43	-89	-98	-20	123	247	197	-48	-293	-291	-169	-67
-48	14	87	80	31	15	63	105	120	116	87	5	-72	-79	28	179	279	228	104
48	10	-114	-255	-354	-428	-417	-286	-67	124	206	175	171	214	261	190	-33	-252	-310
-310	-275	-151	19	183	297	336	300	230	126	36	16	-9	-71	-140	-131	-38	92	176
127	73	9	-54	-116	-136	-115	-89	-125	-211	-288	-271	-194	-126	-43	138	306	322	211
-102	-220	-258	-274	-294	-257	-166	-61	1	38	53	54	82	178	299	354	288	166	58
-30	-53	-117	-207	-259	-228	-177	-128	-80	-39	17	66	100	103	65	16	6	61	120
188	211	173	24	-121	-154	-135	-165	-254	-344	-324	-198	-29	119	235	284	214	52	-43
70	69	-14	-78	-48	31	106	94	-21	-126	-146	-113	-95	-86	-72	-27	16	27	17
12	30	47	51	61	87	90	38	-34	-81	-109	-140	-158	-135	-71	-25	-11	4	55
146	145	134	71	-50	-113	-81	-7	69	116	126	118	68	2	-41	-48	-32	-12	-6
8	64	125	129	59	-26	-55	-72	-111	-139	-105	2	115	142	92	19	-12	24	78
-23	-71	-43	-6	27	59	92	115	113	84	40	0	-31	-64	-78	-68	-44	-10	-1
-35	-29	-32	-53	-48	-12	13	22	24	25	22	19	23	43	81	121	129	109	101
125	103	15	-70	-99	-100	-101	-91	-64	-26	9	40	87	128	132	82	21	-17	-18

22	13	-20	-56	-64	-28	18	26	-13	-35	-33	-18	-2	-3	-46	-108	-139	-138	-141	-128
-83	-27	15	51	67	67	77	102	109	80	38	45	75	83	47	7	-13	-17	-26	-50
-86	-114	-112	-90	-61	-36	-21	-7	11	19	29	28	-10	-49	-49	-18	-2	-5	-18	-26
-16	26	85	108	63	1	-14	21	53	58	25	-15	-37	-25	8	38	41	16	-5	3
22	29	9	-25	-39	-14	21	37	26	10	5	13	22	18	-9	-48	-70	-62	-49	-62
-97	-118	-107	-93	-39	-61	-48	-1	72	120	109	75	62	66	56	8	-66	-120	-135	-135
-130	-107	-74	-41	-22	-20	-11	15	35	12	-23	-25	6	35	48	51	41	16	-1	24
62	51	15	7	31	59	65	47	21	1	0	0	0	11	27	40	38	7	-58	-119
-124	-73	-11	25	32	20	9	35	84	103	71	7	-52	-63	-40	-1	34	63	77	65
41	33	37	42	37	23	-1	-14	-13	-6	-11	-21	-34	-43	-42	-28	-1	26	32	15
-14	-51	-86	-106	-104	-66	1	80	130	145	161	186	194	160	104	35	-34	-71	-80	-67
-46	-41	-52	-57	-66	-95	-108	-94	-63	-40	-39	-52	-49	-16	19	30	19	17	34	47
49	48	51	56	51	34	10	-23	-64	-84	-73	-62	-62	-62	-57	-39	3	38	54	33
19	29	40	26	-6	-34	-49	-63	-70	-68	-70	-73	-75	-74	-62	-30	16	41	31	8
-23	-74	-122	-131	-108	-69	-26	29	84	129	158	151	100	31	-26	-56	-56	-37	-30	-43
-55	-35	3	28	22	-5	-22	-13	20	50	63	75	79	47	-8	-51	-67	-79	-85	-59
-24	-14	-31	-34	-9	30	52	34	0	-31	-40	-16	25	54	59	43	34	48	65	65
44	23	14	14	22	12	-24	-59	-65	-52	-44	-36	-24	-12	3	25	50	73	74	44
3	-29	-37	-11	42	88	104	94	68	60	68	75	62	36	18	18	42	66	67	54
51	40	19	-4	-25	-40	-46	-37	-23	-17	-20	-3	42	95	125	119	87	60	44	37
25	-2	-40	-55	-43	-27	-5	18	30	17	1	-3	-6	-5	-8	-12	-6	4	20	35
58	83	96	86	64	33	-14	-60	-81	-69	-35	-16	-29	-60	-66	-37	5	7	-36	-73
-84	-65	-37	-19	-8	1	1	-3	-6	-14	-22	-29	-34	-39	-50	-63	-61	-48	-34	-30
-28	-20	-9	-3	6	25	44	43	15	-32	-79	-101	-102	-103	-101	-89	-59	-30	-14	-19
-59	-94	-107	-83	-33	6	5	-16	-29	-35	-38	-39	-41	-43	-37	-16	8	18	12	-3
-5	11	21	19	11	-4	-11	-1	18	16	2	4	7	-2	-16	-12	16	48	70	77
65	43	24	8	-4	-7	-19	-54	-85	-96	-93	-94	-95	-79	-46	-14	12	24	39	59
69	72	69	58	41	31	40	57	66	62	49	40	39	38	29	17	15	30	38	33
42	66	76	64	51	46	54	49	40	39	41	43	37	33	37	48	62	69	66	60
55	49	45	46	45	27	-16	-57	-68	-58	-41	-24	-20	-34	-36	-21	-2	15	28	38
44	42	32	23	10	-1	-4	-6	-12	-9	11	38	58	65	58	47	32	10	-11	-31
-48	-64	-74	-75	-75	-72	-64	-49	-31	-11	3	8	3	2	8	26	40	40	39	34
25	10	-7	-21	-31	-34	-34	-35	-38	-43	-55	-70	-69	-49	-40	-50	-60	-58	-44	-31
-30	-33	-39	-46	-51	-45	-29	-16	-20	-32	-39	-41	-32	-29	-26	-22	-11	13	46	71
76	67	49	27	6	-14	-28	-34	-19	13	34	42	44	48	52	53	46	29	9	1
-8	-23	-37	-55	-68	-64	-51	-38	-26	-10	13	32	23	13	13	19	10	-11	-40	-66
-68	-46	-16	14	25	19	6	3	19	31	18	-1	-12	-14	11	18	28	8	-19	-26
-14	-1	3	10	12	9	9	15	20	31	37	32	21	14	11	8	7	4	-10	-19
-20	-21	-19	-5	5	0	-11	-27	-28	-13	-9	-9	-9	-16	-33	-44	-46	-39	-41	-56
-60	-41	-19	-3	-2	-10	-15	-7	23	51	56	32	13	9	18	28	28	13	-11	-25
-25	-24	-27	-38	-32	-5	21	34	39	37	34	26	31	38	39	45	54	59	60	55
33	7	3	4	4	9	18	22	27	29	18	9	12	8	-12	-30	-31	-30	-33	-23
15	43	33	19	20	29	30	37	49	48	29	5	0	10	24	38	49	41	32	32
17	-16	-44	-52	-46	-34	-15	-4	-4	-13	-5	21	41	36	32	32	37	40	37	36
37	39	43	48	44	20	-3	-8	-13	-22	-30	-39	-38	-25	-20	-41	-56	-42	-15	-1
-8	-8	1	8	3	-5	-1	11	16	11	-2	-37	-79	-99	-82	-62	-55	-47	-39	-32
-20	9	41	54	53	38	14	-1	-1	6	10	8	4	0	-8	-31	-56	-71	-63	-38
-17	-5	-14	-31	-42	-38	-37	-53	-71	-79	-71	-55	-27	-5	0	0	-2	-7	-3	5
2	-14	-30	-32	-26	-12	6	20	10	-3	-3	-55	14	18	15	15	13	10	12	21
23	19	16	24	26	26	33	50	60	56	48	27	5	3	14	27	32	28	12	0

-5	-4	-4	-4	-15	-33	-44	-21	13	42	49	29	1	-2	9	2	-5	0	9
8	-8	-22	-17	-1	8	11	11	19	34	41	31	14	-5	-20	-19	-10	-4	3
15	30	42	30	10	1	-1	0	4	-1	-12	-10	1	-1	-13	-36	-43	-31	-5
19	36	36	28	27	33	35	21	0	-7	1	9	9	13	22	34	26	9	0
-3	-4	-2	-7	-25	-39	-41	-34	-30	-27	-25	-24	-28	-31	-29	-11	3	10	13
8	-7	-5	15	35	37	23	1	-12	-6	6	4	-2	-15	-25	-21	2	9	7
1	-9	-17	-21	-18	-11	-2	4	7	12	16	7	-3	-11	-16	-19	-18	-15	-8
-2	-2	-8	-12	-3	8	12	7	2	-3	-3	3	-3	-14	-15	3	7	6	6
6	6	4	-4	-14	-19	-21	-24	-22	-14	-6	-7	-14	-10	-3	-2	-34	-39	-34
-17	0	6	-2	-6	-7	-4	-1	0	-2	-11	-21	-20	-16	-16	-17	-15	-8	-10
-8	2	21	37	45	43	32	22	13	1	-5	-2	6	17	21	14	2	-5	-11
-9	-2	0	-5	-6	-4	-3	-13	-24	-30	-31	-22	-12	-6	0	5	10	18	9
-1	-13	-21	-29	-36	-35	-26	-9	12	28	30	26	27	31	38	53	57	43	34
34	33	28	21	14	4	5	8	13	13	10	6	5	7	10	16	33	52	39
21	15	14	17	22	23	23	12	-2	-2	3	5	1	-5	-11	-11	-5	11	10
10	8	1	-9	-12	-12	-12	-12	-19	-31	-35	-22	-7	3	10	10	15	21	14
8	1	-6	-9	-8	-12	-24	-28	-24	-22	-24	-25	-24	-20	-11	-11	-6	4	14
10	-1	-11	-24	-36	-45	-51	-49	-49	-48	-45	-35	-19	-7	-2	9	16	16	16
14	7	5	17	23	27	31	28	24	21	20	19	16	12	9	8			

IIIN185 71.066.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 108 CARBON CANYON DAM, CAL. COMP S40W 33 54 52N, 117 50 26W
INSTR PERIOD = 0.0450 SEC DAMPING = 0.614 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS	ACLN = 67.3 CM/SEC/SEC AT 3.48 SEC	VELO = 4.5 CM/SEC AT 7.12 SEC	DISP = 2.1 CM AT 16.10 SEC																
2176 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = -0.48053 CM/SEC INITIAL DISP = -0.23582 CM																			
142	169	61	-10	1	28	62	80	17	-135	-239	-187	-40	67	64	76	117	132	85	-9
-89	-87	-67	-25	7	30	68	37	-9	26	74	61	-25	-123	-111	-37	-21	-84	-24	140
222	183	97	38	6	-9	6	3	-18	-33	-66	-147	-189	-136	-41	74	171	207	188	85
35	101	160	103	7	21	26	-111	-332	-322	-213	-155	-196	-206	-7	283	348	243	112	29
-81	-131	-35	93	119	110	147	145	-47	-342	-472	-285	-21	76	68	100	128	119	123	142
92	-62	-164	-130	-115	-181	-199	-56	107	178	186	194	173	24	-238	-384	-337	-155	67	229
377	397	209	-79	-167	-129	-203	-309	-245	13	231	206	-1	-47	120	207	67	-68	-46	15
-4	-14	33	63	-18	-231	-428	-313	90	293	123	-1	55	265	303	88	-53	-26	2	52
91	41	-111	-241	-317	-401	-517	-579	-438	-71	242	341	382	533	673	659	468	180	-54	-210
-324	-430	-466	-349	-58	158	231	181	-5	-177	-305	-400	-416	-397	-300	-70	219	407	488	488
389	214	56	-108	-174	-218	-339	-403	-386	-277	-2	325	538	554	407	107	-106	-236	-394	-513
-479	-313	-47	160	247	251	333	359	170	-127	-287	-204	20	117	53	29	148	263	190	-42
-313	-431	-334	-184	79	312	305	170	136	182	159	113	81	143	242	189	-61	-197	-167	-120
-83	-29	53	88	58	-34	-111	-175	-240	-258	-171	37	288	371	341	242	35	-90	-16	86
62	-224	-492	-397	-89	125	117	87	179	388	513	426	222	-74	-248	-206	-117	-132	-189	-202
-123	-3	-50	-273	-444	-441	-270	-3	171	312	516	672	662	478	202	-148	-387	-444	-403	-347
-253	-125	73	252	283	176	91	49	31	-11	-18	17	40	-25	-163	-215	-160	39	233	157
-127	-291	-177	-12	-24	-173	-261	-190	47	272	350	377	428	488	545	430	91	-289	-441	-449
-422	-407	-337	-175	55	249	340	279	89	-160	-270	-226	-128	22	175	204	121	-7	-109	-120
-69	-17	21	52	105	232	335	314	193	33	-121	-275	-428	-485	-450	-342	-211	-42	152	309
379	313	136	-64	-213	-235	-148	-47	-1	22	102	212	176	-2	-130	-140	-72	-3	-19	-72
-71	-14	58	171	276	262	212	203	200	123	-29	-207	-279	-283	-265	-253	-222	-147	73	410
580	428	149	12	57	95	29	-209	-453	-444	-292	-96	79	101	-93	-281	-240	-42	189	189
58	87	261	337	237	119	28	-36	-121	-286	-349	-251	-97	-4	3	14	28	35	14	9
67	103	65	22	53	192	307	244	140	62	-33	-176	-329	-384	-292	-150	-74	-51	-11	18
4	-48	-95	-149	-226	-271	-204	-15	175	293	283	239	194	99	-25	-93	-124	-130	-140	-68
119	276	268	172	105	166	214	99	-168	-340	-303	-252	-317	-343	-276	-111	81	207	302	365
354	237	81	-13	-86	-182	-196	-103	-20	-7	-12	0	-14	-74	-121	-108	-39	51	101	152
168	125	105	76	-7	-104	-156	-128	-56	-14	3	40	84	53	-59	-159	-153	-149	-176	-193
-111	86	213	222	193	151	116	53	-23	-55	-20	2	-36	-101	-130	-101	-50	-64	-106	-60
75	133	128	130	150	154	95	-14	-112	-176	-243	-263	-198	-83	52	187	272	287	287	235
122	-9	-137	-158	-107	-57	4	113	222	213	97	-63	-135	-124	-135	-186	-190	-133	-71	-31
-8	4	33	58	63	39	-16	-100	-147	-155	-126	-76	-7	78	150	164	140	109	90	62
25	-4	34	58	61	51	37	17	-24	-72	-69	-54	-55	-43	64	215	269	206	140	118
89	-22	-169	-202	-106	-23	-5	17	102	207	247	227	165	114	52	-23	-98	-166	-186	-148
-79	0	33	18	-24	-59	-60	-68	-74	-90	-99	-81	-53	-51	-86	-87	-50	21	104	164
199	214	205	163	98	2	-110	-213	-268	-259	-218	-173	-124	-66	-1	61	113	161	223	253
231	182	156	106	27	-48	-71	-84	-87	-56	13	93	156	165	145	98	20	-57	-81	-65
-68	-70	-30	38	105	103	50	1	-38	-96	-129	-160	-152	-109	-54	-4	42	77	94	65
13	-13	20	96	126	114	53	8	9	-7	-69	-163	-221	-181	-107	-74	-36	1	13	1

-19	-23	-54	-126	-218	-258	-215	-106	-46	-27	14	36	52	53	44	-4	-63	-70	-38	-10
8	31	82	147	169	135	66	-1	-55	-105	-154	-166	-141	-125	-116	-89	-23	45	95	123
133	127	101	52	-1	-49	-94	-137	-135	-110	-64	9	93	133	116	64	1	-39	-65	-111
-146	-156	-139	-88	-22	13	22	26	44	53	46	26	5	-16	-36	-42	-32	-22	-28	-49
-50	-26	42	92	102	86	73	77	101	107	78	43	13	-5	-36	-70	-106	-133	-152	-151
-87	24	113	150	163	158	120	37	21	-70	-105	-131	-137	-106	-58	18	94	151	155	133
85	34	20	-5	-25	-16	4	43	70	88	127	153	110	24	-34	-35	-28	-15	4	28
31	8	-7	-9	-12	-30	-58	-78	-81	-70	-46	11	21	60	92	117	101	68	43	21
-14	-45	-76	-98	-105	-84	-36	18	60	91	98	102	101	84	37	-43	-126	-149	-144	-135
-129	-122	-87	-8	64	99	107	99	74	48	33	35	44	29	19	20	17	16	25	35
42	64	72	36	-23	-68	-89	-68	-4	48	63	48	34	50	63	30	-42	-79	-74	-50
-56	-87	-77	-14	39	89	109	130	134	76	6	-41	-41	-46	-77	-92	-69	-28	-16	0
38	76	61	7	-51	-76	-79	-72	-56	-34	-1	54	111	161	198	154	86	51	38	9
-33	-69	-70	-65	-81	-81	-38	14	31	25	33	50	44	-10	-45	-58	-60	-77	-83	-49
11	48	54	66	73	63	43	32	25	21	17	13	5	-11	-35	-58	-77	-76	-54	-32
-20	-12	5	17	18	9	-7	-15	-8	0	-3	-14	-22	-19	-14	-30	-66	-93	-95	-74
-45	-20	-6	14	34	45	39	31	36	49	31	-17	-58	-77	-97	-115	-116	-77	-17	29
27	19	9	-19	-55	-81	-88	-80	-63	-46	-42	-46	-52	-54	-52	-36	-6	25	42	51
58	61	48	4	-43	-58	-60	-62	-71	-88	-86	-62	-29	0	16	34	53	58	34	15
23	35	41	44	46	68	99	105	86	55	17	-14	-34	-42	-57	-67	-50	-18	9	31
65	98	108	80	42	20	29	44	43	29	28	40	52	35	0	-25	-41	-47	-52	-44
-22	0	3	-10	-10	4	20	28	25	11	-3	-18	-29	-33	-36	-37	-27	-4	21	48
73	94	110	117	105	83	63	56	66	78	92	101	98	68	25	-1	-16	-36	-59	-71
-56	-31	-19	-17	-10	8	21	8	-19	-38	-61	-89	57	73	71	-38	-4	22	39	54
73	73	48	11	-22	-38	-43	-38	-22	5	22	36	57	73	11	48	27	9	-13	-36
-50	-58	-55	-50	-37	-21	-10	-5	-2	1	5	9	14	13	11	11	4	-12	-23	-24
-27	-33	-48	-54	-45	-32	-31	-42	-52	-47	-27	-13	-12	-17	-21	-27	-33	-37	-52	-78
-86	-61	-20	7	14	27	58	77	70	45	22	12	4	-10	-17	-9	1	14	27	27
24	15	5	10	20	31	49	63	61	45	19	-7	-23	-26	-31	-34	-35	-22	5	43
70	77	65	49	44	32	0	-38	-70	-87	-76	-66	-53	-40	-27	-15	-4	1	-7	-14
-10	-6	-7	-15	-9	7	9	-10	-30	-27	-11	6	20	29	38	47	47	34	22	10
-7	-32	-54	-63	-63	-57	-48	-37	-27	-15	-1	11	10	25	49	43	24	12	-7	-25
-23	-21	-31	-39	-49	-55	-57	-56	-57	-56	-46	-15	11	15	2	-4	-1	4	-5	-24
-38	-38	-32	-25	-21	-19	-8	26	49	52	47	45	41	29	1	-31	-43	-39	-24	-4
7	18	29	35	25	2	-13	-15	-11	-9	-10	-14	-18	-10	20	49	53	48	47	56
66	69	67	62	55	36	7	-16	-20	-18	-19	-22	-20	-4	13	19	24	37	54	62
62	60	58	57	59	64	63	27	-16	-23	-20	-22	-22	-13	4	15	9	-2	0	15
25	29	36	53	64	69	73	58	26	-6	-26	-20	-4	8	20	33	38	40	38	32
18	-3	-22	-18	3	16	17	10	14	17	15	16	16	-3	-32	-49	-47	-31	-25	-23
-20	-23	-29	-32	-13	20	25	7	-3	0	-2	-30	-63	-72	-58	-38	-32	-28	-15	0
-3	-9	-7	-1	5	-2	-17	-18	-11	-14	-30	-34	-26	-24	-13	6	26	34	24	13
8	6	-3	-11	-9	0	-4	-8	-5	8	18	19	18	9	-9	-22	-25	-25	-35	-53
-54	-28	-9	-3	0	9	22	28	14	-9	-29	-31	-17	-2	14	21	11	-8	-19	-23
-38	-50	-48	-19	16	31	30	25	13	-20	-68	-100	-104	-101	-99	-86	-48	0	26	15
2	8	13	11	-7	-28	-37	-33	-28	-20	-18	-20	-22	-21	-11	-1	2	-3	1	29
55	34	-5	-27	-30	-31	-42	-46	-35	-16	-10	-30	-52	-51	-28	-13	-31	-50	-57	-50
-40	-31	-19	-4	8	19	32	43	36	26	24	24	15	-5	-14	6	38	51	43	34
36	42	34	16	5	0	3	11	28	47	51	53	50	47	50	47	34	33	40	43
44	44	45	43	35	16	-2	-8	0	11	19	27	33	36	36	32	23	11	-3	-5
-6	-4	13	34	52	59	58	53	39	26	12	-8	-23	-22	-7	8	10	3	-2	9

17	5	-14	-39	-52	-48	-31	-11	5	17	21	23	25	25	27	32	44	56	46
26	26	37	46	16	9	19	27	22	17	17	23	13	-9	-20	-17	-20	-28	-34
-38	-40	-43	-36	-17	-17	-18	-16	-12	-14	-25	-27	-18	-16	-21	-31	-33	-31	-36
39	-41	-42	-42	-32	-8	18	33	38	34	26	16	8	3	-2	-4	-1	10	27
-38	29	-4	-34	-52	-54	-55	-59	-52	-38	-21	-14	-12	-9	-15	-23	-30	-33	-35
44	-43	-45	-45	-19	-13	-17	-21	-20	-6	-1	-5	-1	14	36	56	65	57	47
22	43	36	20	3	5	-3	-13	-12	-7	-11	-11	2	16	23	23	23	25	27
22	10	-3	-12	-18	-25	-28	-25	-25	-27	-24	-5	21	32	32	30	30	28	14
-6	-16	-20	-24	-11	-4	5	18	28	35	44	43	40	37	35	33	27	13	4
0	0	0	2	20	17	13	8	4	-5	-12	-12	-9	1	14	23	27	24	15
6	2	2	2	-4	-5	-6	-5	-9	-12	-10	-8	-7	-6	-2	5	6	0	-4
-2	8	14	17	16	8	-3	-21	-31	-28	-27	-33	-45	-51	-39	-27	-23	-23	-21
-16	-14	-14	-12	-14	-13	-8	9	30	36	31	18	7	-1	-8	-17	-22	-24	-23
-23	-22	-20	-21	-34	-33	-28	-21	-14	-10	-4	7	16	16	20	33	39	34	21
8	-5	-20	-31	-8	-1	-1	2	7	13	5	-1	-3	-9	-15	-21	-23	-13	-4
-2	2	14	24	27	14	1	-9	-16	-13	-14	-17	-14	-5	12	25	28	23	22
18	10	-1	-6	-21	-23	-11	7	27	42	45	42	36	25	10	-1	-7	-6	4
16	26	28	31	46	48	40	31	20	7	-6	-14	-16	-9	-2	-5	8	23	24
10	-8	-18	-23	-31	-27	-21	-8	4	11	14	13	10	4	-7	-5			

II195 71.066.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 108 CARBON CANYON DAM, CAL.
 INSTR PERIOD = 0.0450 SEC DAMPING = 0.592

PEAK VALS ACCLN = -41.5 CM/SEC/SEC AT 4.04 SEC VELO = 2.5 CM/SEC AT 14.92 SEC DISP = -1.6 CM AT 13.76 SEC

INITIAL VELO = -0.57471 CM/SEC INITIAL DISP = -0.08916 CM
 2178 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

42	61	18	-63	-132	-127	-79	-15	80	114	60	-11	4	52	-51	-166	-51	161	154	57
41	30	-44	-128	-94	10	42	-11	0	89	143	121	71	-9	-71	-132	-149	-118	-88	90
271	220	106	1	-13	-86	-150	-78	34	74	29	50	92	94	28	-40	22	9	-128	-192
-46	94	112	64	4	-29	-110	-128	62	198	233	156	0	-47	-151	-177	-15	208	247	33
-95	-134	-178	-172	-32	133	211	246	222	101	-160	-326	-243	-71	159	273	250	126	26	-133
-301	-286	-116	149	34	161	193	96	-98	-255	-147	20	207	223	110	-26	-238	-408	-319	-76
129	177	253	196	34	-27	-33	-110	-199	-186	-153	-105	6	145	185	128	56	-136	-311	-198
40	182	198	222	139	-72	-337	-279	25	219	172	37	-18	45	104	104	-2	-54	-85	-186
-194	-78	33	48	58	57	-11	-75	-65	-12	20	27	-126	-152	45	235	162	-47	-122	-88
-73	-105	-158	-90	107	235	89	-14	56	37	-54	-99	-108	-98	-126	-103	133	315	308	169
-95	-361	-415	-208	-18	58	129	161	136	-27	-221	-227	3	213	244	136	-67	-113	14	-44
-166	-182	-91	43	150	173	153	124	-8	-103	-134	-63	170	221	51	-160	-145	36	113	61
-110	-195	-136	-72	-87	-76	-12	6	40	131	233	208	84	-56	-86	4	113	154	45	-25
11	-19	-133	-175	-104	42	116	49	10	94	222	130	-147	-250	-107	64	104	14	39	160
136	-74	-244	-212	-53	93	190	116	-36	-113	-118	-15	103	209	213	97	-106	-250	-256	-148
80	258	201	-36	-237	-225	-121	69	201	190	125	61	25	16	0	-78	-142	-123	-85	-115
-193	-91	173	375	329	115	-19	-24	-31	-82	-109	-101	-14	107	24	-165	-202	-67	125	129
-56	-172	-95	18	139	115	-30	-48	-19	31	60	38	12	8	87	124	47	-20	1	27
-7	-81	-122	-110	-96	-50	56	82	43	28	29	15	-23	1	24	62	88	15	-18	-30
34	125	132	22	-127	-90	38	137	132	49	3	-74	-133	-134	-105	-5	85	102	74	21
-32	16	99	176	185	82	-148	-331	-268	-127	-33	75	170	131	-68	-167	-46	118	150	42
-92	-137	-86	7	50	83	66	13	19	32	11	-35	-53	-18	47	-45	-163	-138	-15	121
226	158	-65	-123	-39	-27	-64	-73	-140	-189	-77	146	264	179	12	-165	-215	-119	-40	-46
-68	-26	81	138	100	35	96	109	6	-86	-77	-44	-41	-46	-23	39	121	183	150	28
-49	-46	-73	-131	-115	-27	56	81	75	65	38	14	-8	-67	-87	-90	-104	-147	-140	-46
51	63	56	73	102	108	51	47	68	-12	-98	-100	-39	-5	13	83	176	189	63	-79
-116	-70	-52	-107	-148	-41	101	116	55	-34	-44	15	56	46	36	3	-75	-114	-12	177
217	114	27	-49	-152	-259	-195	3	125	68	-61	-103	-60	9	30	-7	-2	45	43	-25
-39	22	26	29	81	65	-28	-109	-52	10	-21	-70	-25	44	73	48	9	-47	-98	-131
-93	3	45	21	-38	-30	13	20	-6	-63	-85	-65	-47	-39	-17	49	80	70	35	-13
-26	25	78	79	58	69	73	-23	-94	-67	7	79	67	1	-83	-153	-159	-142	-99	-15
84	68	-33	-108	-97	-83	-79	-40	62	136	110	31	-44	-73	-91	-73	-25	-1	-32	-55
-22	18	39	82	143	155	68	-49	-105	-93	-45	-9	0	14	31	23	-16	-19	44	64
14	-53	-106	-77	-31	17	62	89	108	99	87	80	50	23	37	81	87	38	-23	-17
22	14	-20	-52	-27	27	67	92	103	94	18	-55	-71	-34	-11	29	94	128	104	19
-57	-55	-22	-2	0	24	70	97	92	76	74	80	60	39	35	9	-30	-60	-59	-37
-8	25	72	67	29	8	-5	-18	-39	-16	27	41	4	-18	13	43	50	41	24	-10
-27	1	51	85	78	34	-24	-50	-81	-92	-53	1	-2	-6	-2	23	39	23	-7	-19
-3	-6	-35	-48	-20	15	18	-4	0	3	-49	-80	-68	-37	9	21	-7	-7	23	28
14	-4	-18	-34	-32	-32	-45	-44	-29	-28	-46	-54	-41	-34	-42	-62	-79	-77	-57	-54

-55	-39	-5	11	-17	-30	-11	-9	-9	-2	12	-4	-26	-37	-35	-31	-38	-54	-52	-36
-42	-66	-95	-123	-139	-131	-88	-25	16	26	17	-6	-32	-26	-1	55	107	123	99	36
-25	-25	6	34	52	48	33	8	8	30	33	19	7	-9	-34	-65	-83	-58	-4	38
47	61	78	53	41	50	60	62	58	65	43	-1	-35	-36	-27	-12	22	59	63	48
17	-14	-1	27	23	5	-14	-8	22	52	50	24	-1	-17	-19	2	36	51	38	-1
-13	-6	9	11	-8	-19	-5	7	4	-6	-7	-2	-5	-13	-20	-23	-15	-36	4	-11
-28	-29	-11	-1	-8	-4	15	15	-24	-46	-32	5	16	0	0	8	-10	-36	-38	-21
-4	17	36	56	67	39	-22	-73	-73	-38	-5	20	38	48	42	18	1	-5	4	29
39	15	-21	-46	-55	-47	-33	-13	-5	-7	-2	26	62	107	116	89	51	30	26	17
9	-4	-18	-40	-69	-92	-77	-38	0	7	-16	-30	-28	-19	-9	16	39	22	-10	-13
4	2	-6	3	11	-1	-25	-38	-25	6	33	32	19	10	5	-11	-34	-49	-38	-16
-20	-19	-2	15	28	32	34	48	37	28	-2	-24	-1	25	19	2	5	22	27	7
-9	-3	6	16	23	43	60	48	14	-20	-45	-49	-29	-8	2	-6	-16	-33	-53	-44
-30	-7	1	-11	-16	-21	-17	6	37	26	-14	-12	1	-1	-1	21	58	53	21	-1
15	26	13	-11	-29	-21	-3	4	-3	-12	-23	-53	-70	-57	-19	15	24	28	26	4
-24	-40	-58	-65	-51	-34	-12	14	34	22	13	5	-12	-34	-33	1	23	20	7	1
-9	-32	-34	-12	15	37	43	28	14	7	4	7	-4	-34	16	25	18	3	-9	-8
1	17	41	73	78	44	6	-15	-7	-6	-2	14	29	16	-6	-10	-3	-4	-1	11
9	-7	-16	-7	14	23	23	40	49	38	16	0	-4	-4	-3	3	10	12	6	0
-12	-24	-10	-5	-13	-17	-13	-11	-11	-11	-16	-16	-2	11	20	17	8	1	0	-1
-6	-20	-22	-18	-18	-35	-37	-26	-26	-27	-21	-25	-24	-10	8	7	-12	-14	-14	-2
16	28	0	13	18	0	-3	4	4	15	16	3	-6	-8	3	9	1	-18	-34	-34
-18	-15	1	13	5	-2	-13	10	9	-51	-56	-53	-49	-42	-32	-19	-5	-8	-21	-25
-24	-7	-10	9	6	-2	3	22	35	47	-2	-1	1	0	2	19	32	37	17	10
18	15	14	17	21	24	28	33	37	38	44	32	16	5	6	6	6	4	5	13
-22	-30	-29	-20	-13	-8	-7	-12	-23	-22	-17	-11	3	21	28	10	19	27	21	4
14	15	20	27	21	3	2	16	14	3	8	25	27	13	0	11	1	3	10	19
20	17	3	-16	-25	-18	-15	-14	-9	-2	7	3	-11	-21	-32	9	28	39	20	15
-28	-30	-31	-23	-16	-17	-16	-13	-5	-7	-18	-22	-12	1	6	-40	-45	-48	-49	-43
13	17	19	7	-10	-18	-11	-10	-10	-2	5	6	-9	-24	-23	-15	-4	-2	6	17
-11	-18	-14	-7	-12	-18	-12	-6	-3	-10	-16	-25	-29	-35	-45	-34	-18	-4	-4	-5
-24	-28	-29	-29	-25	-13	-1	12	21	26	19	6	-3	0	-10	-22	-25	-19	-1	11
2	-21	-31	-25	-10	5	8	5	5	37	-17	-7	13	41	55	49	30	18	14	8
6	6	7	16	22	16	11	20	37	37	23	15	13	18	21	26	38	43	36	26
26	24	12	0	4	13	26	32	30	31	24	9	-6	-20	-14	6	19	25	18	16
17	11	-2	-2	3	8	13	22	25	-1	-24	-18	-6	-2	3	15	12	-12	-16	-4
2	-2	-10	-12	0	10	16	10	8	12	10	13	19	20	11	-3	-13	-8	3	10
23	33	19	-11	-31	-28	-17	-11	3	5	6	5	2	-3	-10	-10	-8	-16	-24	-19
-2	13	22	15	-8	-12	-2	10	7	-9	-12	2	5	-8	-22	-22	-14	-14	-19	-14
4	14	2	-1	5	-5	-21	-35	-36	-22	-16	-13	-10	-17	-15	-13	-11	-4	-1	-9
-16	-15	-4	-10	-19	-24	-23	-6	2	-3	-12	-23	-34	-33	-15	14	19	13	11	-2
-33	-51	-29	5	13	-2	-9	-8	-9	-11	-11	0	6	5	6	7	4	1	0	-1
44	37	-1	-2	-2	-1	1	-14	-31	-20	3	13	8	2	-1	-1	-7	-11	10	34
-17	8	29	18	-5	-7	-6	-12	-20	-11	7	11	8	5	-18	-11	19	24	-1	-19
20	36	22	-3	-12	-14	-20	-12	-23	33	10	-8	-15	-22	-27	-30	-18	-24	-13	1
3	0	17	41	46	26	-20	-19	-20	-17	-7	15	31	-22	5	-30	-6	6	24	16
6	4	8	7	4	-1	-11	-20	-16	-4	5	7	2	25	-7	-13	16	14	12	12
7	-5	5	8	10	14	13	13	12	5	8	13	15	15	-3	-13	-10	5	18	19
															9	12	11	3	-2

-3	4	13	13	8	3	2	8	9	5	11	20	24	23	17	3	-9	-17	-23	-21
-16	-7	5	12	7	-7	-18	-21	-19	-8	7	10	2	-1	3	9	11	11	15	17
11	11	28	39	26	20	21	6	-16	-21	-15	-8	-6	-13	-18	-11	-12	-17	-19	-22
-29	-38	-31	-21	-19	-25	-34	-33	-23	-13	-8	-14	-22	-27	-28	-28	-22	-18	-22	-23
-17	-8	1	2	-1	-3	-1	2	3	3	6	8	11	15	17	15	14	12	3	7
-14	-8	-2	-3	-8	-8	0	7	8	5	3	-5	-7	-4	-6	-18	-18	-7	5	6
0	-7	0	5	-1	-8	-8	-2	-1	-3	-1	3	6	8	2	-4	-5	-2	3	8
10	7	0	-5	-7	-7	0	6	11	21	26	17	3	7	16	15	5	-1	7	22
34	36	28	25	22	16	11	15	25	25	15	13	15	16	11	2	2	0	-3	-5
-5	-2	2	2	0	-4	-13	-23	-28	-22	-12	-1	2	-1	-4	-8	-10	-10	-12	-9
-4	0	0	-2	-4	-6	-14	-21	-10	0	4	5	4	-2	-7	-12	-17	-15	-4	6
1	-16	-17	-11	-8	-9	-10	-8	-7	-15	-16	-10	-4	-2	-3	-1	1	3	1	-4
-6	-4	-3	2	12	18	20	11	-9	-16	-14	-8	-5	-1	10	19	18	9	3	2
-1	-4	2	17	23	18	12	7	10	12	11	6	10	13	12	8	2	1	-3	-7
-9	-7	0	0	-10	-11	-3	-2	-5	-6	-4	-2	-2	-5	-5	2	11	11	7	9
7	4	2	1	5	11	14	11	3	-8	-17	-21	-18	-10	-11	-6	2	6	2	-12
-20	-18	-9	0	0	3	8	7	1	2	9	7	7	15	21	17	13	14	17	11
5	4	9	7	7	7	5	2	-4	-15	-12	-6	-10	-19	-30	-31	-21	-15	-9	-3
2	-6	-16	-15	-15	-17	-14	-8	-1	-2	-14	-18	-13	-16	-17	-15	-7	-2		

IIN186 71.067.0
 STATION NO. 289
 INSTR PERIOD = 0.0440 SEC DAMPING = 0.610
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 WHITTIER NARROWS DAM, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP S37E 34 01 12N, 118 03 10W

PEAK VALS ACCLN = 95.7 CM/SEC/SEC AT 3.22 SEC VELO = -8.8 CM/SEC AT 6.44 SEC DISP = -4.9 CM AT 7.72 SEC
 INITIAL VELO = -0.28854 CM/SEC INITIAL DISP = 0.58168 CM

2935 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
114	-1	-68	-96	-168	-165	-149	-145	-36	143	287	282	147	31	-75	-129	-137	-178	-259	-289
-196	-84	-44	-50	-31	48	135	139	36	-79	-76	64	265	409	462	398	268	84	-87	-155
-111	-98	-97	-27	70	113	136	127	21	-83	-190	-249	-205	-68	8	-39	-142	-240	-176	3
136	131	76	86	235	361	267	127	39	55	67	-61	-154	-123	-116	-141	-168	-141	27	190
95	-153	-339	-407	-334	-196	-31	40	57	170	204	114	43	12	62	105	138	79	-66	-115
-109	-138	-104	114	433	553	409	102	-144	-257	-180	67	202	181	23	-148	-249	-294	-227	52
377	461	304	96	-7	-8	-20	8	107	92	-23	-105	-176	-245	-259	-103	184	266	89	-182
-260	-136	-45	119	156	-15	-104	-47	17	-36	-217	-526	-676	-622	-467	-347	-273	-157	101	489
815	957	925	565	148	45	64	-59	-203	-283	-255	-70	163	368	549	655	404	-50	-401	-498
-468	-332	-11	372	525	281	-212	-686	-759	-556	-241	224	587	751	593	224	-164	-198	-125	-15
185	289	313	259	129	130	162	98	44	12	59	142	80	-105	-270	-258	-44	176	172	-1
-193	-197	-58	-12	-74	-270	-485	-565	-415	-107	233	480	616	642	509	316	-33	-509	-692	-554
-288	74	411	549	323	81	-121	-237	-261	-183	-136	-142	-189	-177	-25	238	334	132	-126	-261
-263	-181	-190	-199	-72	151	370	409	376	231	-7	-227	-349	-447	-413	-333	-278	-86	96	113
112	150	156	130	1	-146	-236	-225	-190	-210	-327	-395	-296	-93	-36	-140	-217	-244	-289	-321
-347	-443	-482	-355	-98	153	336	454	448	308	233	167	0	-153	-241	-221	-172	-167	-208	-298
-357	-241	-43	154	253	163	-55	-203	-185	14	195	155	80	34	10	-14	-35	-32	-60	-20
127	298	434	483	403	222	223	157	217	225	80	-104	-180	-170	-186	-221	-196	-88	50	118
122	66	-5	-26	49	148	229	261	249	136	1	-114	-114	-28	56	65	-37	-158	-197	-170
-90	95	279	372	401	431	433	335	108	-77	-159	-184	-224	-260	-276	-217	-93	120	370	468
355	204	76	-8	-15	57	109	137	176	175	110	79	123	167	179	218	200	86	-9	-71
-78	4	88	172	199	109	2	-82	-110	-59	10	71	62	-52	-154	-123	-31	41	28	-12
22	66	65	-2	-101	-210	-261	-186	-38	148	238	280	241	170	102	30	-41	-94	-91	15
155	216	157	15	-147	-253	-280	-284	-193	-60	48	27	-65	-57	-22	-13	-57	-101	-102	-97
-126	-132	-119	-106	-60	31	89	57	-27	-138	-238	-242	-224	-241	-275	-204	-58	36	47	5
-91	-163	-152	-145	-196	-261	-247	-108	62	185	138	-4	-114	-142	-137	-117	-103	-86	-47	-5
16	22	-14	-97	-217	-263	-229	-135	30	174	216	166	80	4	-40	-22	41	67	76	37
-97	-223	-281	-264	-184	-61	112	212	175	70	-18	14	163	299	364	322	201	116	-22	-171
-222	-205	-139	-45	-26	-63	-31	62	141	171	153	111	86	83	69	75	123	212	286	270
182	77	-7	-13	31	53	105	142	169	225	258	258	260	266	270	231	167	125	88	47
-28	-77	-124	-204	-281	-331	-366	-327	-205	-61	48	107	90	32	5	-41	-123	-183	-167	-150
-188	-240	-240	-187	-141	-103	-64	-4	57	106	137	137	78	-2	-37	-84	-117	-134	-118	-55
-6	4	-3	-14	-14	13	56	149	245	281	258	190	91	7	11	110	117	20	-106	-221
-278	-234	-142	-55	13	22	-40	-87	-112	-97	-62	-21	-6	-26	-72	-96	-98	-90	-65	-13
28	16	-58	-130	-177	-164	-111	-44	38	108	138	112	64	25	-21	-24	9	17	12	3
-16	-6	18	10	4	41	69	70	87	98	103	88	35	-15	-38	-50	-62	-45	-35	-33
-37	-37	23	64	17	-53	-79	-52	-13	1	-4	18	68	118	139	130	124	145	186	223
206	152	95	53	25	17	32	50	44	23	3	3	24	40	41	47	67	105	118	102
69	38	28	32	29	0	-49	-93	-114	-91	-37	-17	-18	-21	-53	-66	-19	25	37	31
44	59	64	62	73	85	54	-26	-102	-147	-130	-58	31	79	52	-26	-113	-160	-162	-132

-68	3	37	16	-17	-45	-51	-19	36	49	38	38	39	37	41	22	-15	-38	-11	28
30	-8	-79	-159	-212	-234	-213	-128	-9	89	148	153	146	124	73	-2	-71	-105	-93	-63
-51	-33	2	44	88	104	97	86	81	77	79	78	74	58	25	-4	-26	-39	-46	-58
-64	-61	-61	-54	-32	2	30	29	-14	-49	-48	-28	-1	24	45	54	50	41	21	-13
-53	-96	-121	-116	-103	-98	-96	-92	-92	-97	-109	-112	-116	-137	-173	-185	-162	-118	-77	-60
-62	-53	-39	-26	-24	-34	-48	-72	-85	-81	-66	-47	-59	-86	-91	-56	12	84	119	130
121	106	84	52	34	32	33	2	-55	-96	-91	-55	-9	30	47	52	53	61	83	115
145	162	175	189	192	171	128	72	19	3	24	64	109	125	108	85	60	47	46	40
18	-21	-45	-30	-6	-13	-37	-38	-17	2	16	35	56	79	104	114	103	87	81	86
102	107	103	101	86	47	8	-19	-33	-23	8	31	45	31	-10	-48	-56	-60	-53	-29
-18	-29	-40	-38	-36	-32	-29	-38	-44	-31	-22	-18	-12	-13	-33	-61	-86	-96	-90	-59
-12	26	49	51	43	53	50	38	36	47	63	75	73	45	0	-43	-65	-71	-76	-82
-88	-103	-135	-160	-179	-157	-93	-24	7	23	47	73	74	45	3	-23	-29	-21	2	30
41	12	-30	-73	-99	-95	-80	-59	-27	-8	-5	-16	-29	-40	-53	-54	-36	-7	28	37
24	8	-1	17	43	49	50	46	29	1	-13	28	15	-8	1	33	59	75	79	71
59	45	33	25	6	-19	-29	-20	-3	19	31	28	39	27	-28	-40	-43	-14	25	48
53	29	-5	-28	-33	-23	-7	10	22	21	23	31	39	27	5	-16	-36	-61	-61	-70
-79	-97	-117	-126	-117	-77	-13	28	35	21	19	28	26	5	-15	-21	-14	-10	6	22
21	4	-16	-32	-35	-23	-1	19	12	-10	-34	-50	-49	-36	-26	-20	-11	-8	-20	-34
-39	-32	-22	-18	-20	-23	-26	-25	-14	2	3	2	3	9	30	47	54	49	38	21
-4	-37	-50	-54	-55	-51	-27	5	36	59	68	72	82	84	76	63	43	28	35	40
32	16	-6	-8	26	52	59	47	21	-2	-1	28	44	37	44	43	40	37	36	33
23	22	40	54	54	33	21	15	15	15	14	17	37	66	83	92	104	112	121	123
113	75	28	-8	-46	-69	-80	-83	-84	-85	-84	-84	-86	-87	-81	-70	-59	-41	2	27
29	17	-5	-21	-27	-25	-16	-14	-28	-38	-39	-28	-6	11	22	42	58	52	31	1
-27	-41	-48	-63	-81	-98	-105	-95	-76	-63	-60	-46	-28	-14	1	17	26	27	26	13
-6	-23	-22	-15	-5	-6	-24	-51	-56	-30	8	24	17	3	9	22	29	33	36	33
40	70	101	108	99	73	51	34	16	2	-18	-27	-12	3	10	5	-14	-40	-53	-52
-58	-53	-31	-8	7	25	26	23	29	27	18	11	10	23	37	44	33	22	15	9
0	-11	-16	-16	-24	-39	-47	-27	2	34	56	76	90	96	75	33	-8	-30	-46	-51
-55	-58	-62	-67	-64	-38	-20	-19	-26	-31	-24	-6	20	32	31	34	53	89	115	117
105	72	28	6	-17	-40	-44	-29	-16	-2	1	-16	-33	-36	-27	-17	-13	-28	-45	-67
-78	-70	-49	-35	-39	-58	-90	-106	-97	-68	-41	-32	-45	-65	-83	-88	-85	-81	-70	-55
-20	9	10	-9	-41	-40	12	37	54	66	63	47	32	17	2	-15	-33	-41	-39	-39
-33	-18	6	25	11	-30	-65	-85	-62	-15	18	32	32	39	51	54	54	47	33	24
21	5	-5	24	68	74	48	26	16	14	14	24	50	76	73	43	14	-3	10	35
51	65	80	84	73	50	17	-12	-34	-38	-31	-25	-9	24	51	60	46	23	-12	-12
8	17	13	17	39	64	76	79	68	42	12	-13	-42	-66	-78	-62	-27	1	17	15
14	14	17	25	30	29	26	18	10	8	11	6	1	-2	-4	-20	-28	-22	-9	2
1	-11	-23	-29	-35	-43	-40	-40	-40	-41	-35	-16	14	26	18	11	26	26	-3	-21
-24	-17	10	27	24	3	-30	-50	-45	-26	-13	-12	-17	-22	-33	-51	-55	-53	-52	-53
-54	-55	-67	-67	-46	-14	7	19	16	9	-11	-30	-31	-19	-6	-4	-16	-19	-19	-13
-14	-25	-51	-45	-45	-33	-22	-6	4	26	56	70	64	61	65	66	62	45	34	47
56	57	55	44	31	33	31	24	13	5	2	0	-2	7	21	32	54	62	54	55
59	59	56	38	14	-9	-10	7	10	-8	-13	-5	-3	11	14	7	10	14	13	15
33	48	51	42	31	22	13	12	10	-27	-12	-20	-25	-15	-5	-4	-13	-34	-64	-78
-63	-44	-36	-31	-23	-19	-25	-38	-37	-27	-25	-23	-18	-9	0	0	5	6	-12	-39
-61	-44	-9	7	12	3	-2	-10	-19	-30	-25	-18	5	29	32	25	16	5	-3	-3
-3	-2	-3	-5	-8	-12	-17	-20	-26	-29	-18	2	1	-18	-33	-36	-18	-22	-29	-44
-58	-47	-37	-35	-36	-36	-35	-34	-29	-14	11	22	35	34	29	17	0	-13	-14	-14

-13	-14	-13	-12	-12	-12	-18	-17	-18	-18	-20	-24	-27	-29	-40	-42	-40	-29	-10	15	15
13	13	12	3	44	30	29	45	51	49	42	20	2	17	11	2	11	31	42	34	32
42	54	52	16	19	19	21	16	15	14	14	2	10	14	24	35	15	23	49	63	64
48	29	19	30	39	31	31	26	26	26	25	22	10	9	11	11	5	42	29	17	13
10	9	16	30	29	14	38	22	36	36	60	-59	-45	-19	9	23	22	13	-11	-14	-5
2	5	20	29	48	46	38	26	15	12	2	-15	-28	-30	-24	-8	-2	-5	-11	10	17
25	33	44	48	55	65	73	72	73	74	-51	-27	-16	-4	1	7	10	14	17	-16	-20
-25	-30	-44	-55	-22	-21	-12	-4	-2	-13	-26	-22	-21	-21	-21	-16	-10	-8	17	12	-1
-8	-12	-18	-22	-20	-20	-20	-20	-19	-19	-18	-14	-10	-9	-1	2	-2	-1	-6	-24	-5
-3	-9	-18	-20	-20	-20	-20	-20	-19	-19	-18	-14	-10	-9	-1	2	2	1	-12	-24	-30
-18	-7	-5	1	16	16	29	36	42	51	51	48	39	29	22	33	19	15	19	43	57
61	59	58	57	69	69	77	68	58	45	32	23	20	13	14	24	47	46	42	34	29
25	11	-2	-2	-4	-4	-8	-15	-14	-11	-14	-14	-16	-18	-22	-33	-45	-44	-42	-37	-29
-29	-31	-35	-40	-43	-43	-48	-56	-72	-91	-100	-72	-71	-87	-98	-92	-79	-66	-64	-58	-56
-49	-39	-32	-34	-42	-42	-60	-67	-61	-55	-55	-54	-56	-44	-25	-2	12	25	25	23	37
44	52	51	50	50	50	52	48	45	50	50	54	57	57	53	49	25	42	30	32	34
28	36	50	63	69	69	70	70	70	70	68	58	46	41	33	32	25	7	-8	7	6
15	27	24	26	22	22	14	7	12	27	33	26	12	2	10	18	16	22	23	14	-4
-18	4	11	13	13	13	8	3	-2	2	6	6	6	0	-5	-13	-24	-40	-57	-66	-66
-59	-56	-52	-45	-30	-30	-20	-22	-28	-32	-34	-24	-20	-23	-24	-27	-32	-40	-44	-55	-58
-49	-59	-69	-75	-83	-83	-70	-57	-54	-46	-34	-25	-20	-14	-5	0	-1	-6	-16	-18	-15
-3	5	0	2	5	5	20	30	33	33	34	39	34	23	11	31	72	73	75	76	70
73	75	72	69	69	69	73	74	73	63	47	40	35	27	14	27	41	44	43	47	56
53	47	44	42	37	37	28	13	-3	-20	-36	-23	-19	-26	-25	-21	-19	-16	-9	-11	-10
-3	-14	-18	-28	-33	-33	-35	-35	-28	-19	-20	-29	-28	-32	-28	-24	-21	-20	-16	-14	-15
-21	-24	-26	-34	-40	-40	-45	-51	-57	-52	-45	-34	-11	-8	2	10	6	6	1	5	-5
-10	-19	-21	-34	-37	-37	-19	-5	1	0	-30	-17	-14	-9	-4	-15	-19	-21	-21	-17	-19
-30	-26	-12	-9	-9	-9	5	15	8	-8	10	9	-4	-13	-13	-16	-23	-23	-41	-31	-24
-32	-36	-34	-25	-23	-23	-21	-23	-22	-22	-22	-24	-21	-9	-6	-11	-17	-10	-5	-5	-11
-28	-40	-34	-19	-5	-5	3	6	8	7	2	3	-6	-14	-11	2	6	17	23	25	24
35	35	31	32	39	39	43	39	43	48	57	49	42	47	36	45	54	55	50	38	32
47	49	50	46	41	41	50	45	38	34	36	38	36	26	19	14	3	-8	-7	5	12
21	23	15	3	5	5	14	10	15	14	17	17	13	6	-3	-13	-11	-8	-2	9	10
7	3	0	-8	-11	-11	-14	-24	-26	-28	-29	-24	-16	-7	-6	-10	-18	-12	-13	-22	-28
-32	-29	-28	-28	-11	-11	6	4	-2	-8	-8	-15	-24	-42	-34	-26	-22	-16	-12	-14	-26
-28	-21	-7	0	4	4	13	15	16	24	29	16	7	5	2	7	12	6	5	2	-7
-12	-6	0	7	13	13	19	17	12	12	9	0	-1	21	31	19	14	9	-2	7	-1
-15	-5	7	1	-4	-4	6	6	2	12	18	17	11	23	26	22	38	31	38	34	30
15	3	5	8	22	22	37	38	32	16	-1	8	3	1	5	-1	-9	-8	-1	-13	-19
-20	-21	-21	-31	-42	-42	-32	-34	-38	-54	-60	-52	-43	-41	-46	-43	-33	-27	-18	-12	-13
-16	-17	-18	-21	-23	-23	-28	-34	-40	-37	-28	-22	-17	-20	-26	-29	-26	-23	-21	-20	-18
-20	-19	-19	-21	-20	-20	-16	-9	-2	1	2	3	8	11	4	-6	2	8	9	12	17
19	14	18	36	54	54	61	55	46	38	31	26	21	18	15	7	1	4	7	1	-5
-7	-5	3	9	7	7	9	9	14	16	12	4	-8	-16	-11	1	-15	17	22	16	8
4	1	6	15	20	20	21	16	12	7	4	0	-1	0	0	-5	-15	-21	-18	-8	-5
-7	-13	-17	-18	-16	-16	-10	-6	-7	-7	-6	0	-1	5	3	7	-15	-14	-9	5	-2
-6	-9	-10	-7	-11	-11	-12	-6	-8	-2	-12	-17	-21	-22	-19	-15	-15	-14	-14	-13	-9
-5	-6	-8	-12	-13	-13	-12	-7	-1	-2	-9	4	3	1	1	2	3	5	7	8	6
2	0	-2	-2	-2	-2	-1	0	3	6	9	12	14	13	10	8	7	5	7	4	0
-5	-13	-19	-20	-18	-18	-10	-3	-2	-1	-3	-5	-7	-5	-2	2	8	15	18	19	21

24	27	24	19	21	23	12	7	6	6	10	13	12	11	8	5	5	9	13	15
14	15	23	29	27	23	22	22	24	23	15	9	9	9	9	8	8	7	4	-3
-10	-15	-19	-20	-14	-8	-6	-13	-15	-12	-9	-6	-2	0	0	1	5	5	-1	-8
-11	-13	-17	-22	-27	-32	-37	-41	-39	-33	-29	-28	-29	-30	-28	-24	-21	-16	-11	-6
-2	2	5	8	12	16	23	31	35	35	30	27	26	25	23	16	12	11	15	18
10	2	-2	-5	-6	-6	-6	-6	-6	-7	-9	-12	-16	-18	-16	-14	-12	-12	-12	-12
-11	-10	-9	-8	-9	-11	-17	-21	-21	-24	-32	-35	-30	-29	-29	-14	-12	-12	-12	-12

IIIN186 71.067.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 289 WHITTIER NARROWS DAM, CAL.
INSTR PERIOD = 0.0460 SEC DAMPING = 0.576 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S53W 34 01 12N, 118 03 10W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -96.7 CM/SEC/SEC AT 4.66 SEC VELO = -9.7 CM/SEC AT 10.12 SEC DISP = 5.0 CM AT 13.90 SEC

2936 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.										INITIAL VELO = 0.46683 CM/SEC										INITIAL DISP = -0.10202 CM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
8	-65	-151	-53	55	3	-55	-104	-95	-13	69	74	32	-80	-215	-165	-5	85	99	122																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

188	178	145	124	120	134	164	172	120	5	-70	-81	-31	-1	-34	-109	-152	-88	10	69
91	93	108	115	102	74	84	120	139	137	103	44	-26	-76	-99	-91	-48	12	54	83
114	139	145	114	84	90	115	130	131	119	116	144	152	142	123	109	110	124	117	72
-3	-57	-73	-61	-21	22	40	12	-96	-197	-204	-143	-83	-71	-111	-141	-109	-60	-35	-44
-45	-21	21	39	21	-5	-25	-19	14	46	46	18	26	67	95	96	63	34	23	35
47	38	25	10	-29	-85	-134	-138	-125	-124	-125	-140	-114	-46	15	37	26	25	42	62
56	23	29	72	87	62	30	25	2	-52	-77	-73	-81	-146	-242	-290	-263	-188	-102	-62
-72	-108	-153	-195	-234	-246	-227	-195	-111	-34	-6	-25	-53	-43	-29	-37	-29	25	65	56
10	-34	-40	-50	-43	-28	-22	-14	-6	-5	15	50	72	74	57	42	28	11	-4	-15
-22	9	54	74	70	39	14	21	88	158	202	214	207	207	200	194	203	220	199	149
94	39	5	22	72	99	76	13	-39	-50	-19	0	6	30	52	51	31	-11	-3	28
44	48	46	80	110	91	63	46	28	-2	-26	-33	-23	-28	-51	-49	-46	-69	-111	-117
-67	-28	-37	-86	-102	-73	-31	5	35	38	19	9	28	41	50	54	37	19	21	21
-1	-98	-57	-62	-58	-36	0	15	-10	-56	-97	-117	-120	-130	-143	-163	-202	-212	-182	-160
-139	-98	-51	-47	-83	-98	-76	-26	17	14	-13	-38	-58	-79	-85	-49	-14	2	-1	2
29	58	59	38	26	41	50	44	39	41	53	78	107	104	66	24	23	42	38	21
16	22	22	10	-9	-28	-22	-7	-15	-36	-46	-37	-12	14	38	60	70	73	102	164
194	159	98	42	22	54	104	139	135	115	81	41	13	7	11	18	42	59	46	10
-16	-25	-24	-7	24	60	93	117	126	123	89	24	-18	-1	30	28	-2	-32	-58	-87
-98	-93	-88	-88	-81	-66	-46	-32	-14	16	39	30	15	4	0	-16	-50	-82	-95	-104
-113	-125	-131	-129	-135	-147	-144	-127	-106	-93	-87	-91	-103	-122	-138	-136	-102	-45	-5	0
-11	-23	-34	-54	-73	-92	-124	-158	-160	-120	-70	-40	-23	-21	-24	-32	-36	-39	-38	-22
-6	2	8	10	3	-3	-8	1	23	49	83	100	117	155	178	172	131	99	101	120
142	138	108	85	84	86	78	57	45	68	118	161	161	144	143	161	177	170	143	125
125	124	117	99	58	18	-3	-2	-8	-30	-51	-61	-55	-40	-25	-13	2	37	71	83
76	66	56	29	-11	-51	-72	-75	-70	-61	-51	-32	-15	-4	8	9	-4	-22	-45	-55
-45	-36	-37	-37	-28	-12	-3	16	22	24	15	-13	-59	-97	-105	-84	-58	-55	-69	-77
-85	-89	-89	-84	-75	-12	-78	-107	-136	-165	-189	-191	-175	-169	-169	-161	-136	-103	-82	-61
-52	-56	-44	-15	-3	-2	-5	9	17	33	42	47	76	107	116	109	103	103	106	106
82	50	31	28	33	43	74	122	156	157	126	86	85	108	107	81	60	80	112	119
96	38	-20	-36	-18	12	22	7	-9	-4	14	18	7	-8	-13	-6	15	34	38	34
38	38	35	22	9	8	26	58	87	89	73	58	36	7	-4	0	4	0	-7	2
17	17	9	4	-3	-22	-68	-101	-102	-76	-36	-24	-36	-45	-59	-75	-85	-80	-55	-18
7	-4	-45	-65	-66	-71	-90	-101	-102	-88	-86	-114	-157	-174	-177	-149	-86	-23	-7	-2
27	56	57	14	-53	-71	-33	7	15	-3	-41	-81	-71	-15	31	51	59	61	48	21
-7	-36	-54	-38	-1	9	-17	-62	-82	-67	-33	-17	11	42	58	49	2	-33	-32	23
65	51	15	-9	-9	3	10	7	11	26	35	28	23	36	60	68	63	67	64	45
12	-20	-26	-7	25	74	37	23	5	-5	-10	-17	-5	28	63	79	83	93	98	63
16	-1	5	23	46	43	101	105	93	61	13	-17	-26	-29	-33	-29	-9	3	-7	-36
-53	-46	-5	29	22	-4	-18	-13	3	11	24	34	34	23	21	22	20	9	0	-2
-7	-16	-20	-18	4	12	-12	-54	-78	-57	-14	1	-15	-24	-5	18	8	-15	-23	-9
14	16	-2	-6	34	78	93	88	57	16	-16	-19	-7	-3	-26	-63	-96	-106	-92	-63
-36	-16	-4	2	7	9	-2	-14	-25	-34	-23	-2	7	8	5	6	5	1	-4	4
12	15	12	9	29	61	69	56	31	6	-19	-8	9	29	47	55	35	-6	-32	-36
-19	-9	-12	-23	-34	-33	-36	-52	-65	-57	-19	-9	26	39	41	35	30	37	48	60
73	76	64	38	12	1	19	26	9	-21	-44	-60	-57	-48	-30	-9	1	-3	-20	-29
-15	15	56	79	62	25	-12	-37	-64	-82	-76	-72	-73	-78	-76	-67	-57	-57	-57	-57
-58	-65	-72	-64	-49	-39	-29	-25	-28	-28	-12	-14	37	46	31	4	-7	0	2	-9
-14	-10	-1	5	6	-2	-15	-26	-22	0	-26	43	35	5	-21	-9	22	35	36	30
-13	-11	-12	-1	3	-4	-13	0	21	20	14	10	9	-4	-23	-30	-23	-11	-5	2

12	15	13	18	24	16	10	12	21	26	28	35	41	32	14	0	1	-1	-5	2
29	49	52	44	43	51	62	65	59	50	45	51	48	27	20	36	53	53	50	56
56	49	37	23	-7	-27	-30	-20	-18	-28	-40	-52	-58	-45	-24	-11	-9	-19	-34	-38
-28	-22	-19	11	11	32	30	13	-8	-19	-15	-8	2	7	4	-8	-25	-38	-29	2
34	50	45	21	-11	-27	-33	-27	-15	-1	18	33	26	11	2	7	9	-1	-17	-27
-33	-29	-14	6	14	12	9	3	-17	-43	-57	-49	-28	-18	-25	-41	-52	-53	-41	-16
-21	-39	-52	-43	-27	-9	1	-9	-35	-54	-62	-62	-54	-33	-9	3	6	4	-8	9
-15	1	14	22	25	22	19	15	15	6	-2	-3	3	15	12	-9	-28	-24	-5	62
18	24	32	40	39	34	35	35	36	37	32	20	23	34	48	63	76	81	76	62
57	48	33	19	26	43	62	70	72	81	95	102	92	69	54	48	44	22	-4	-18
-16	-8	-5	-6	-12	-18	-18	-28	-42	-48	-40	-27	-10	7	14	5	-7	-11	-6	-12
-34	-63	-75	-75	-75	-72	-68	-74	-87	-94	-91	-79	-69	-60	-55	-48	-40	-34	-30	-28
-29	-35	-43	-44	-38	-28	-23	-24	-27	-15	5	7	-17	-45	-43	-28	-19	-12	-6	1
-3	-29	-48	-41	-20	-9	-8	-5	7	27	32	15	-7	-12	1	19	28	30	37	45
50	45	37	26	15	4	-6	-12	-17	-27	-35	-28	-10	5	10	5	1	-2	9	25
29	24	16	16	25	27	28	32	42	47	47	42	44	52	53	52	59	69	70	59
40	25	19	25	33	29	12	12	28	35	31	21	-1	-15	-26	-35	-42	-50	-46	-35
-31	-38	-44	-43	-39	-35	-36	-34	-27	-18	-17	-18	-19	-13	-4	14	35	53	55	53
41	32	27	24	18	13	10	15	8	-8	-15	-22	-20	-13	-16	-26	-36	-44	-47	-37
-29	-27	-29	-14	-3	-4	-7	-7	2	14	21	19	10	4	3	8	9	10	13	11
10	7	0	0	6	2	-2	-1	5	3	-2	-2	8	17	22	27	22	9	4	9
7	3	6	6	5	11	18	5	-17	-30	-35	-29	-26	-32	-17	0	-21	-14	-9	-6
-9	-18	-23	-25	-23	-16	-8	6	10	-5	-12	-8	-5	-7	-12	-20	6	12	21	18
6	2	8	5	5	-1	-3	8	15	18	16	0	-10	-16	-15	-10	-4	0	13	22
24	17	14	15	24	28	32	34	36	30	22	25	32	42	57	51	48	51	51	46
35	34	26	12	6	-1	0	4	-3	-23	-52	-42	-27	-14	1	15	27	28	25	25
28	28	28	24	18	11	9	-2	-16	-21	-1	4	1	1	2	-9	-15	-12	-25	-26
-6	-5	-8	-9	-5	-12	-14	-14	-18	-19	-16	-17	-24	-30	-25	-17	-9	-2	4	6
2	-3	-3	-5	-17	-17	-3	5	6	-9	-15	-26	-36	-41	-30	-16	-11	-15	-29	-4
3	13	22	25	23	34	43	37	25	11	-7	-32	-44	-49	-44	-41	-64	-67	-45	-50
-57	-56	-54	-31	-20	-21	-27	-40	-36	-30	-22	-2	6	3	-8	-15	-13	-5	0	14
30	40	36	13	16	29	17	26	33	42	51	50	44	39	31	30	33	37	44	36
36	36	31	37	40	34	30	16	4	4	21	31	43	43	31	17	7	-6	-11	-6
-7	-10	-4	0	-4	3	7	1	5	10	1	4	4	5	0	6	18	14	3	-10
-15	-12	-3	-1	-2	9	6	-7	-13	-16	-9	-3	2	1	-7	-19	-15	-10	-12	-9
-5	-7	-8	-5	-4	-4	-7	-8	-6	-7	-16	-24	-20	-7	0	-10	-13	-13	-22	-27
-35	-34	-26	-19	-16	-19	-21	-19	-19	-20	-20	-16	-22	-30	-31	-22	-36	-47	-38	-23
-32	-39	-36	-39	-43	-27	-29	-37	-32	-26	-25	-31	-32	-21	-14	-18	-8	-4	-1	11
17	13	10	21	23	26	28	26	21	11	5	11	5	-6	-4	6	10	13	9	-3
-15	-6	10	25	41	44	26	11	12	27	38	36	32	25	18	6	0	7	22	39
41	26	13	12	33	53	46	32	32	36	29	16	4	-5	-12	-18	-3	17	14	1
-5	-2	1	17	9	-2	-7	-13	-10	6	12	6	0	-6	-14	-21	-24	-23	-14	-4
4	6	10	15	17	9	4	11	34	42	32	11	2	6	16	24	31	35	45	48
44	25	0	-9	-5	13	38	41	24	6	-9	-13	-15	-17	-14	-2	5	7	-10	-27
-37	-34	-23	-29	-30	-17	-11	-15	-23	-23	-25	-24	-16	-19	20	-21	-13	-4	-2	-19
-33	-39	-27	-20	-31	-29	-12	-7	-15	-23	-14	1	9	13	20	27	21	4	-11	-11
-3	-3	-6	-5	-5	-4	2	16	22	19	-14	6	13	18	15	18	24	23	19	8
-6	-11	-4	4	12	7	-8	-6	0	17	29	31	22	15	24	34	34	29	28	26
19	16	14	19	23	23	21	15	4	1	6	1	-5	-6	-10	-18	-27	-28	-21	-11

-6	-5	-9	-17	-23	-21	-10	-1	-7	-21	-26	-25	-33	-44	-41	-28	-19	-21	-34	-42
-35	-26	-16	-16	-20	-14	-9	-7	-9	-15	-21	-18	-9	-6	-14	-26	-33	-25	-16	-14
-14	-18	-20	-13	4	13	14	15	12	5	7	5	0	-5	-1	7	-1	-16	-10	-2
-3	-13	-16	-8	2	1	-2	-6	-6	-2	8	9	8	13	11	0	3	13	21	30
38	46	41	29	18	18	28	27	17	6	-5	-13	-9	-3	-12	-15	-3	11	11	-3
-11	-10	0	14	14	11	9	7	-2	-3	3	10	15	20	18	27	31	32	22	13
12	16	26	31	29	13	4	9	15	15	11	7	20	25	19	13				

IIN186 71.067.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N,118 23 42W
STATION NO. 289 WHITTIER NARROWS DAM, CAL. COMP DOWN 34 01 12N,118 03 10W
INSTR PERIOD = 0.0440 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 58.6 CM/SEC/SEC AT 0.0 SEC VELO = -3.6 CM/SEC AT 4.12 SEC DISP = -2.3 CM AT 5.60 SEC

INITIAL VELO = -1.19301 CM/SEC INITIAL DISP = -0.45165 CM

2936 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

586	-180	200	-142	99	2	121	67	-129	4	34	193	-32	67	-93	-99	-33	39	79	57
-85	-165	-48	102	68	-68	-95	39	151	89	3	14	53	67	59	23	-16	-33	-1	31
46	39	-2	6	27	13	68	78	28	40	73	65	40	67	37	14	-10	-20	-70	-83
-58	-10	24	-32	-84	-37	3	30	49	-17	-69	-72	7	123	65	-55	31	92	61	51
47	74	93	47	5	-42	-3	84	31	2	59	80	17	-39	-43	-2	-8	-6	-21	22
74	14	-122	-201	-153	-10	48	-96	-120	1	27	57	63	42	-27	-116	-40	45	45	12
1	-47	-36	-13	-26	-27	-63	-170	-186	-95	-72	-100	-67	10	61	-21	-101	-93	12	-15
-142	-60	6	35	73	102	51	-55	-85	-29	104	119	93	68	-6	-44	-23	2	-25	-80
-136	-196	-157	-60	-25	-20	40	24	4	51	96	113	78	9	-65	-65	-8	102	83	-37
-17	80	88	-68	-186	-168	-131	-117	-94	-70	-44	-56	-192	-233	-8	65	12	-37	75	114
29	-33	-70	-66	-109	-114	17	107	96	79	89	165	200	124	47	61	94	7	-166	-250
-198	-80	43	60	42	111	195	177	109	31	-50	-102	-96	-115	-239	-306	-185	-6	129	271
302	191	73	16	-5	-38	-60	-27	81	42	-14	40	147	170	9	-152	-97	79	174	113
-62	-81	80	108	-20	-33	40	44	-19	-43	-17	-20	-19	-25	-74	144	124	-21	-16	119
156	41	-64	-58	27	110	84	-50	-152	-75	105	166	130	142	179	197	124	65	79	45
-29	-50	-36	-13	-24	-34	-35	-19	14	-6	-19	-19	12	15	-37	12	100	83	-14	-41
-15	16	42	75	112	150	130	110	59	9	5	-38	-126	-143	-60	22	26	38	57	33
0	-81	-165	-176	-130	-57	-101	-163	-171	-84	-22	-64	-105	-39	85	218	203	47	8	61
111	97	23	-72	-146	-57	51	18	-64	-60	20	45	20	-29	-71	-39	38	13	-60	-77
-57	-60	-44	-23	-48	-85	-110	-111	-45	52	111	125	118	132	70	2	34	35	-66	-84
-20	15	34	37	-7	-43	-31	-58	-94	-78	-84	-106	-103	-67	-37	-18	4	-5	-4	44
25	-26	-49	-33	-8	-24	-21	20	54	64	79	97	96	66	38	3	-55	-73	-13	-22
-66	-81	-95	-134	-65	67	80	4	-54	-64	-67	-58	-50	-40	-126	9	40	58	38	18
52	89	34	-10	-10	18	60	37	-40	-83	-40	-3	-82	-167	-126	-21	4	-28	-25	-25
-43	-51	-34	-3	39	47	47	47	52	92	109	119	84	2	-70	-76	-42	-35	-74	-67
-9	3	3	18	23	32	34	-11	-77	-125	-107	-70	-44	-35	-12	41	90	67	22	-35
-57	-25	-2	-3	-19	-16	21	5	1	18	27	28	15	11	-1	-36	-29	-32	-55	-88
-88	-53	-28	-11	24	44	54	47	6	-6	-11	-36	-34	-14	-13	-5	-4	28	75	83
103	117	106	100	116	95	45	7	-25	-55	-63	-51	-19	29	48	29	-22	-54	-36	1
32	49	30	18	32	41	76	111	111	114	89	77	80	69	32	3	1	14	29	41
39	40	66	68	58	55	45	36	39	60	72	56	17	-1	-13	23	41	47	30	15
21	15	-2	7	27	47	44	31	39	38	2	-40	-77	-85	-60	-23	-4	7	-18	-36
-46	-40	-27	-18	-18	-21	-52	-105	-118	-102	-106	-120	-123	-119	-109	-89	-76	-84	-90	-47
-15	-10	-3	-17	-49	-25	-23	-25	-23	-29	-47	-31	12	29	11	-4	13	43	50	12
-9	5	22	29	14	1	-3	-8	-18	-34	-60	-84	-93	-74	-57	-68	-43	-4	1	-29
-45	1	48	66	58	26	10	-4	-13	-4	28	52	47	35	32	40	42	37	29	-7
-40	-62	-63	-27	9	28	37	49	77	93	59	28	10	11	35	57	74	74	47	21
21	24	9	4	19	20	-3	-11	0	20	31	27	22	31	36	-2	-52	-53	-32	-16
-15	-5	8	23	11	-20	-35	-5	21	13	-7	6	16	43	68	67	45	56	54	23
-1	-17	-11	6	-2	-8	12	27	22	12	24	40	39	43	51	33	-1	-26	-38	-53

-80	-93	-76	-73	-78	-86	-76	-54	-33	-31	-55	-86	-120	-110	-77	-74	-102	-136	-130
-91	-55	-40	-23	-9	5	-4	-30	-38	-32	-28	-17	-9	4	24	32	35	38	45
49	37	36	56	75	74	62	77	86	71	64	75	89	78	44	28	19	17	15
15	37	50	46	51	57	58	62	54	37	47	47	53	61	62	28	-1	-21	-7
20	22	20	-2	-3	11	23	15	-27	-10	-5	-21	-17	-3	0	-12	-18	-17	-30
-37	-39	-41	-51	-48	-36	-39	-17	2	4	8	2	-20	-28	-35	-37	-22	-25	-40
-48	-52	-68	-78	-68	-52	-45	-40	-24	-4	-1	-18	-25	-10	4	-2	-21	-36	-43
-35	-27	-25	-30	-9	-1	-2	9	8	21	45	45	18	5	19	34	36	40	38
40	53	62	45	21	16	23	18	10	13	1	19	30	25	4	-6	-11	-12	-15
-19	-21	-26	-35	-35	-35	0	-6	-23	-19	-22	-16	9	6	11	6	-2	-6	2
12	2	-25	-38	2	36	24	19	20	23	24	14	-9	-2	23	21	2	9	18
-13	-32	-48	-56	-55	-51	-57	-76	-73	-63	-70	-56	-27	-9	1	17	24	21	6
-10	-19	-10	14	16	3	-13	0	4	-8	-19	-22	-13	-7	-2	6	16	21	22
22	34	49	41	21	16	26	32	29	19	12	11	4	6	21	25	10	2	1
-3	-11	-16	-19	-6	9	9	0	20	30	41	40	30	18	6	7	20	37	35
17	15	37	57	55	49	29	15	0	-8	-23	-23	-10	7	20	17	17	32	41
42	32	17	7	6	10	6	8	15	15	9	5	12	12	9	6	1	4	12
15	20	30	39	24	4	-6	3	0	-11	-24	-31	-30	-26	-28	-31	-28	-20	-9
-27	-29	-24	-13	-11	-13	-17	-16	-11	-2	5	3	-4	-6	-11	-22	-29	-22	-9
-13	-25	-22	-10	-3	-12	-16	-7	1	5	8	18	26	15	4	-1	7	11	6
1	-4	0	9	15	10	-2	-8	-19	-19	-18	-18	-24	-36	-40	-48	-63	-69	-66
-64	-58	-49	-46	-49	-41	-13	-11	-6	-3	3	18	-24	-12	8	14	20	15	9
2	-4	-7	-7	-3	5	15	32	41	59	77	80	69	59	57	55	52	47	46
46	47	50	50	50	41	32	28	23	17	2	-7	-2	-1	-18	-17	-10	-7	-7
-11	-14	-19	-25	-20	-16	-19	-23	-12	-4	-10	-22	-25	-28	-37	-43	-45	-42	-30
-20	-23	-34	-24	-9	-3	-12	-20	-25	-36	-48	-53	-54	-54	-53	-49	-44	-44	-44
-34	-18	-5	1	-2	-5	-7	0	-5	-10	-5	5	11	8	12	25	23	23	25
26	26	25	20	14	24	41	36	33	28	18	7	-2	-6	-6	-4	-5	-5	10
21	14	4	7	8	3	-7	-21	-22	-9	2	1	-3	-3	0	-4	3	-4	3
17	26	27	28	32	33	27	12	11	26	20	-8	-21	-12	2	6	-7	-28	-36
-28	-19	-14	-15	-25	-34	-36	-16	-18	-20	-27	-28	-21	-7	3	7	7	7	9
18	28	23	16	18	31	26	-14	-22	-26	-26	-26	-26	-24	-11	-5	-8	-9	-3
9	7	-11	-18	-10	9	9	3	8	22	29	23	13	20	24	18	22	31	34
30	31	32	37	37	36	35	29	23	19	4	-3	11	23	17	0	-5	7	19
19	15	11	22	34	20	2	6	27	23	-1	-17	-24	-35	-41	-44	-35	-9	-8
-24	-30	-27	-29	-35	-33	-10	-2	-13	-11	-17	-21	-25	-24	-12	2	6	-7	-9
0	10	22	29	26	25	33	42	28	24	32	35	19	3	-8	-6	4	11	6
15	17	8	1	0	0	0	-9	-12	-5	-6	-6	-6	-7	-7	-7	-8	-8	-9
-14	-20	-12	-10	-17	-14	-7	-4	6	15	12	9	13	18	19	23	36	38	17
0	-10	-14	-13	-7	1	-9	-20	-24	-17	-20	-25	-21	-22	-17	-9	-12	-18	-14
-2	12	9	-5	-13	-14	-10	-23	-26	-18	-9	-18	-32	-37	-36	-32	-30	-28	-31
-27	-16	-10	-6	-3	-12	-17	-22	-23	-23	-23	-20	-22	-27	-19	-11	-12	-11	-6
1	4	5	13	26	30	17	8	13	14	16	22	27	30	35	40	42	36	30
29	35	41	38	29	23	17	14	15	3	-2	-4	-2	5	14	17	10	-3	-15
-17	-10	-5	1	4	-1	9	9	-2	-1	7	10	6	1	3	6	6	15	21
14	4	6	15	20	8	2	8	12	13	14	18	25	19	9	4	4	8	1
-11	-13	-12	-6	-7	-20	-21	-16	-19	-25	-23	-24	-29	-29	-23	-15	-15	-22	-23
-18	-26	-35	-29	-16	-19	-28	-29	-28	-34	-37	-36	-32	-27	-24	-21	-16	-11	-10
-7	1	6	9	11	12	12	12	13	11	8	13	21	18	8	0	3	11	14
13	2	-1	2	10	10	-2	5	10	9	-1	-11	-13	-10	-3	0	-1	-1	0

1	2	3	3	3	2	-6	-8	0	1	1	0	0	-1	-2	-3	-4	-5	-7	-8
-9	-9	-10	-15	-15	-17	-23	-19	-11	-4	-1	-3	39	16	13	-3	11	17	20	22
15	6	6	14	15	20	24	13	25	37	31	34	26	31	28	27	24	21	18	15
13	13	14	15	17	20	24	28	31	26	26	31	26	34	27	27	10	5	-2	-8
-11	-14	-14	-12	-12	-16	-21	-24	-24	-25	-28	-29	-29	-21	-29	-35	-33	-27	-14	-12
-8	-8	-14	-17	-10	-3	-3	-9	-8	-2	-3	-7	-7	-4	12	25	26	18	17	18
22	23	17	10	7	9	12	16	17	16	21	30	29	23	22	22	22	22	23	16
7	2	-1	-2	-1	3	8	6	-3	-6	-2	-4	-4	-16	-13	-9	-13	-23	-24	-20
-17	-23	-29	-24	-22	-22	-22	-22	-21	-18	-17	-15	-15	-22	-24	-20	-16	-15	-17	-17
-14	-8	0	7	5	4	13	8	-2	-3	-2	0	0	3	4	6	6	5	4	4
2	-2	0	-2	-9	-10	-8	-2	1	4	10	11	11	9	7	9	11	11	10	8
7	8	13	14	11	9	7	5	1	-5	-14	-16	-16	-15	-11	-10	-8	-6	-6	-10
-16	-20	-24	-28	-31	-34	-40	-43	-41	-38	-32	-21	-21	-9	-10	-13	-5	1	-2	-9
-3	-1	-1	-8	-6	5	12	14	16	21	28	31	26	20	16	15	16	19	17	10
3	-1	-3	-2	0	-2	-6	-7	-1	3	-7	-12	-7	-7	9	10	4	-3	6	10
0	0	-3	-1	0	-3	-8	0	-1	0	-2	-6	-6	-8	-8	-6	-6	-6	-5	-5
-1	4	-3	-9	-10	-3	3	3	-2	1	10	15	15	9	7	9	15	19	24	23
23	23	18	6	11	25	16	13	22	27	23	21	20	20	20	20	-12	15	13	13
5	-3	-5	-7	3	8	-1	0	8	11	8	4	1	1	1	-7	-12	-19	-34	-32
-18	-15	-16	-16	-12	-5	-1	-4	-5	-6	-1	1	2	2	4	8	6	5	8	9
11	9	3	-4	-2	7	7	-3	-4	-2	-3	-6	-6	-6	-21	-28	-33	-36	-39	-37
-39	-35	-25	-26	-25	-20	-21	-22	-17	-10	-10	-10	-10	-1	9	9	10	12	13	10
9	10	8	10	12	11	10	7	9	14	11	10	11	11	13	12	17	19	18	16
13	6	7	10	4	12	16	9	12	9	12	12	4	-25	-16	7	-4	-4	-1	-6
-10	-21	-29	-24	-12	-11	-10	-5	-5	-9	-1	4	5	4	11	12	15	17	12	4
4	4	-3	-1	-7	-14	-19	-5	-2	-5	-1	-6	-2	0	-2	-6	-5	6	1	0
4	8	11	12	-1	5	18	17	9	7	7	4	9	9	6	17	14	13	6	9
-8	-12	-25	-11	4	-12	15	15	-9	-4	-4	1	7	7	-1	-1	-1	5	8	12
17	22	21	17	15	15	15	16	14	16	21	21	21	20	19	18	14	10	9	9
2	-4	-3	1	-1	-3	-2	0	2	2	-2	-9	-16	-24	-31	-26	-18	-17	-13	-15
-30	-38	-29	-19	-11	-10	-7	-7	-10	-6	-10	-7	-4	-3	-12	-6	-4	-25	-15	-4
-16	5	7	14	8	2	-2	8	-3	-8	1	-8	-11	11	-3	-2	-1	-1	4	8
12	11	13	5	-3	6	12	10	21	23	18	4	0	-1	-6	-1	1	-16	-8	-8
1	7	-7	1	0	-6	-18	7	-6	0	3	-10	-5	-6	-3	-1	-6	-11	-10	-7
-4	-7	-7	-3	2	-6	-18	-20	-8	-8	-9	-12	-5	-11	-23	-18	-14	-10	9	14
7	4	2	-1	-5	-18	-16	0	-8	0	-16	5	9	9	2	-4	-2	2	2	1
0	-6	-12	-10	-10	-15	-20	-20	-15	-18	-16	-5	1	-1	-5	-13	-10	-6	-2	-1
-4	-3	-5	-6	-6	-6	-6	-7	-9	-13	-19	-17	-5	-9	-13	-16	-13	-12	-19	-22
-19	-12	-6	-2	3	0	3	2	0	-5	-12	-17	2	6	6	7	6	6	6	6
11	14	15	17	18	19	17	18	18	16	19	25	22	16	21	20	14	15	20	20
13	11	9	9	3	1	5	10	13	9	10	9	4	-1	2	2	2	3	-3	-2
6	10	14	9	5	1	6	14	7	7	11	13	10	10	1	-4	-5	-2	2	3
5	5	10	14	12	15	20	14	-1	-4	4	5	3	9	8	8	16	13	17	24
25	20	19	22	25	-27	-29	14	11	15	16	9	-1	6	9	5	-3	-11	-11	-12
-14	-14	-11	-14	-24	-18	-22	-24	-16	-17	-21	-24	-25	-25	-28	-33	-24	-10	-14	-21
-23	-24	-20	-18	-17	-12	-12	-19	-14	-7	-6	-9	-8	-8	-7	-7	-6	-1	6	9
7	10	17	20	15	12	12	12	12	12	11	9	12	12	22	21	23	27	27	22
14	6	0	4	7	9	4	1	5	9	9	7	-1	-7	-7	-3	2	-2	-3	-8
1	4	3	-3	-6	-6	-6	-8	-9	-8	-9	-5	-5	-5	-6	-8	-6	-2	-3	-3
-10	-7	3	8	8	7	2	1	-9	-5	-6	-1	-1	-5	-6	1	-3	-3	-3	-13

-18	-17	-17	-13	-15	-15	-14	-8	-10	-13	-14	-13	-14	-13	-14	-11	-9	-8	-4	-5
-3	1	-2	-4	-7	-6	-3	0	-6	-13	-15	-14	-14	-13	-14	-11	-14	-17	-18	-15
-15	-8	-2	3	5	1	-3	-9	-7	-1	1	-2	-5	-4	1	-3	1	7	8	7
3	1	5	2	3	3	9	11	10	6	8	15	18	23	19	19	13	17	20	17
17	13	10	13	8	-6	-5	-2	3	6	10	12	13	16	14	17	14	12	11	12
12	9	7	9	5	7	8	4	2	7	7	0	3	4	3	5	3	-2	2	4
6	6	0	-9	-7	-4	-3	-10	-9	-10	-3	-5	-11	-22	-11	-28				

IIIN187 71.068.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 287 SAN ANTONIO DAM, UPLAND, CAL. COMP N75W 34 09 26N, 117 40 47W
 INSTR PERIOD = 0.0440 SEC DAMPING = 0.611 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -55.7 CM/SEC/SEC AT 6.04 SEC VELO = -3.1 CM/SEC AT 6.12 SEC DISP = -0.7 CM AT 7.50 SEC

INITIAL VELO = 0.00037 CM/SEC INITIAL DISP = -0.02468 CM

1498 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

118	81	78	40	-25	-75	-58	-11	-19	-62	-53	-7	21	67	102	-7	-126	-123	-63	11
59	-10	-106	-105	16	1	-33	29	81	22	-24	9	11	-33	-63	-73	-42	53	154	143
96	89	66	68	107	70	17	40	18	-87	-159	-139	-131	-117	-75	-76	-40	89	131	75
75	106	48	-27	-33	-2	-62	-168	-135	-24	21	35	98	156	81	-103	-244	-182	-44	-44
-49	64	117	94	89	164	277	282	240	169	-14	-192	-172	-57	-66	-135	-138	-133	-115	6
160	188	77	-119	-202	-42	110	83	106	135	1	-121	-53	-17	-61	-95	-116	-36	36	-74
-119	47	189	113	-31	-8	99	142	96	28	-6	6	26	13	50	63	14	-2	31	33
-64	-185	-286	-363	-307	-123	22	78	153	181	160	203	270	235	123	-64	-265	-330	-274	-194
-105	49	135	48	38	272	451	344	88	-79	-77	-26	-8	-168	-274	-223	-59	127	153	96
118	158	118	-8	-187	-359	-381	-289	-177	-75	41	160	193	78	-67	-147	-125	6	110	0
-156	-73	194	250	134	84	93	83	85	138	176	181	146	-25	-316	-510	-480	-346	-196	-89
4	55	116	279	404	324	187	115	13	-170	-194	-35	59	-21	-142	-143	-110	-174	-209	-95
136	280	203	2	-81	7	56	27	50	-5	-246	-256	14	72	0	7	-18	-109	-137	-86
8	125	199	200	178	191	168	98	139	299	254	-13	-191	-134	37	199	203	-4	-295	-358
-248	-246	-283	-224	-174	-158	-116	-38	45	108	140	165	189	193	192	187	212	244	182	40
-126	-373	-557	-537	-426	-313	-92	166	241	240	350	398	330	305	336	242	37	-85	-116	-98
-101	-155	-224	-301	-288	-157	-20	52	127	201	145	-83	-242	-32	132	-18	-54	73	31	-80
9	144	167	165	130	-19	-194	-275	-256	-78	210	293	114	-119	-73	167	283	247	-4	-317
-306	-113	-10	-31	-212	-428	-353	19	327	218	-5	-139	-109	193	511	465	241	-101	-223	-91
22	-14	-103	-118	38	169	131	-33	-148	-70	197	359	306	179	-36	-259	-223	7	96	5
-70	-25	82	111	68	2	-44	-67	-43	33	104	71	-111	-283	-196	91	308	319	229	120
-21	-101	-145	-185	-162	-173	-184	-121	-79	-34	78	73	-62	-97	-97	-180	-230	-206	-181	-100
18	145	240	226	81	-50	-33	122	193	35	-187	-201	-67	4	17	43	7	-33	21	102
114	56	-1	1	33	52	88	66	-18	-28	40	72	56	-22	-155	-210	-201	-239	-268	-222
-77	121	217	225	160	61	5	-12	-31	-25	89	164	101	27	28	38	30	2	-67	-93
-57	-46	-48	-67	-114	-122	-76	-26	0	-32	-20	70	131	166	195	147	87	61	2	-79
-83	19	63	-79	-218	-186	-4	111	92	27	-22	-8	2	-60	-92	-9	124	189	188	151
67	-43	-151	-164	-148	-175	-199	-132	15	99	120	132	111	42	38	105	158	136	18	-113
-152	-100	-30	-2	-3	-34	-78	-72	-31	15	2	-27	-57	-53	-13	94	176	123	-28	-107
-17	179	210	27	-157	-165	-113	-70	-65	-101	-152	-157	-106	-50	13	93	189	238	212	164
141	108	37	-38	-119	-140	-113	-140	-146	-113	-118	-130	-45	128	250	190	18	-77	-56	-54
-32	-7	-42	-109	-96	9	119	121	92	97	88	43	-47	-175	-184	-32	145	169	98	4
-48	-48	-30	-29	-43	-27	24	85	48	-72	-153	-99	74	208	149	-16	-118	-35	146	201
100	-131	-219	-122	-10	70	72	8	-40	14	111	124	58	-15	-71	-116	-142	-142	-101	-45
18	45	91	119	106	68	43	31	-12	-123	-179	-104	43	123	100	21	-26	-19	18	60
40	-15	0	91	146	106	36	-21	-55	-55	-8	34	25	-53	-124	-158	-148	-115	-68	-40
9	57	89	124	157	127	25	-37	-22	18	8	-53	-53	4	66	63	63	60	17	-35
-41	-16	-17	-67	-102	-86	-12	71	60	64	89	72	53	46	28	-51	-110	-119	-86	-39
-12	15	30	43	53	42	12	3	-4	-40	-52	-12	22	32	15	8	-26	-67	-61	-16
9	-6	6	66	96	69	0	-74	-109	-106	-67	-8	25	30	5	19	76	105	55	9

23	37	46	60	82	46	-3	-30	-79	-109	-104	-85	-77	-47	-41	-56	-76	-70	-21	67
117	97	32	-8	-2	11	22	49	10	-64	-105	-60	27	96	112	60	19	19	9	-38
-81	-87	-65	-49	-4	35	14	-23	-19	-13	-35	-49	-3	63	71	29	-24	-43	-21	34
48	-4	-66	-88	-52	11	52	41	-14	-34	-8	13	-3	-22	-16	5	45	78	53	16
29	59	42	-5	-20	-20	-24	-61	-81	-60	-49	-65	-50	16	72	62	36	22	16	9
6	-10	-24	-33	-15	23	69	84	50	-2	-6	-12	-40	-47	-19	23	33	37	50	29
-16	-69	-102	-105	-76	-26	25	39	7	-31	1	85	126	89	63	35	5	-14	-32	-67
-82	-88	-90	-83	-31	34	85	73	43	38	22	-2	-51	-86	-69	-29	7	42	35	2
24	35	11	-22	4	29	3	-27	-30	-32	-40	-50	-75	-75	-40	-5	35	86	104	62
34	26	9	-16	-25	-13	-9	-20	-34	-47	-57	-60	-53	-37	-31	-29	-8	38	67	68
56	47	45	26	-28	-49	-38	-42	-46	-24	21	58	49	23	11	15	46	57	30	-6
-39	-29	7	6	-12	-28	-41	-36	-22	-19	-29	-25	1	32	65	94	117	101	59	22
-8	-16	-23	-28	-47	-61	-48	-10	8	-11	-21	0	31	55	53	35	25	28	29	28
21	8	-25	-62	-70	-38	-11	7	35	65	53	26	3	19	48	51	26	-6	-2	40
53	26	-17	-50	-51	-13	30	39	21	21	13	2	1	4	-3	-25	-25	-12	-1	21
24	6	6	29	13	-30	-56	-41	-6	16	11	-18	-20	0	-6	-5	17	22	11	15
11	-23	-45	-40	-28	-24	-24	-24	-22	-16	-1	17	16	12	19	9	-25	-48	-50	-49
-52	-28	-4	12	21	28	29	27	39	43	-1	-52	-71	-66	-55	-23	6	17	11	17
46	74	63	21	-14	-37	-38	-30	-32	-53	-65	-50	-6	37	59	56	37	34	43	53
32	-6	-35	-52	-47	-27	-19	-28	-44	-44	-11	22	26	-3	-27	-17	0	-4	-16	-16
-12	6	33	42	27	8	-8	-11	-6	-10	-22	-22	-18	-16	-2	27	31	16	16	40
55	63	63	47	18	-1	8	1	-19	-15	4	16	26	26	15	1	10	20	11	-7
-22	-32	-27	-18	-14	-16	-14	1	19	29	30	9	-10	-10	-17	-32	-47	-63	-51	-28
-16	7	40	35	13	11	16	15	-4	-28	-36	-33	-20	-7	-11	-25	-14	14	37	30
8	-6	-3	10	6	-7	-12	-9	-17	-14	6	11	-9	-23	-30	-13	6	7	3	-1
-4	-13	-26	-35	-36	-29	-17	-3	9	27	47	46	29	7	-13	-26	-34	-36	-30	-12
4	9	4	-4	5	22	28	11	-5	-7	4	14	20	18	0	-33	-22	12	37	41
17	-17	-38	-29	-21	-34	-15	23	46	54	60	57	38	29	24	2	-23	-37	-47	-35
-10	-4	-20	-29	-13	1	0	-14	-10	6	20	37	53	44	19	7	1	-5	-11	-17
-23	-24	-23	-21	-10	5	18	22	15	16	33	47	46	22	-4	-23	-30	-27	-14	-3
-12	-7	8	21	26	20	20	26	36	33	14	4	-4	-20	-39	-43	-40	-33	-14	8
34	60	53	26	14	17	17	9	-1	-13	-19	-9	7	4	-9	-8	1	4	3	3
9	23	22	-6	-33	-40	-30	-35	-49	-52	-33	-3	14	18	16	18	1	-14	-11	-1
4	9	11	0	-5	2	15	20	16	-3	-18	-12	2	12	11	-10	-20	-9	2	-1
1	11	21	26	28	17	-20	-40	-19	-16	-26	-15	-1	-3	-4	2	6	9	9	

II1817 71.068.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 287 SAN ANTONIO DAM, UPLAND, CAL.
 INSTR PERIOD = 0.0460 SEC DAMPING = 0.590 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N15E 34 09 26N, 117 40 47W

PEAK VALS ACIN = 75.9 CM/SEC/SEC AT 3.40 SEC VELO = -3.7 CM/SEC AT 4.64 SEC DISP = -0.8 CM AT 14.38 SEC

INITIAL VELO = 0.15361 CM/SEC INITIAL DISP = -0.13286 CM

1500 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

16	35	65	7	-65	-34	19	-42	-131	-106	-3	46	43	99	147	115	57	-39	-104	-103
-62	-24	83	159	114	8	-85	-174	-209	-102	59	121	87	61	26	-24	-18	29	27	-4
-29	-44	-31	-32	-56	-49	-7	8	11	40	30	-37	-60	-69	-107	-71	57	158	152	79
68	60	-26	-60	21	32	-6	29	35	13	-40	-101	-86	-43	-5	89	182	151	0	-162
-133	-70	-71	-11	104	65	-82	-180	-183	-106	-17	92	167	58	-112	-27	96	69	16	24
79	111	104	97	36	-175	-372	-339	-88	151	263	355	416	274	-10	-143	-176	-231	-248	-219
-111	80	283	444	388	104	-207	-281	-216	-235	-298	-289	-198	16	219	209	89	52	73	59
45	19	-38	-128	-173	-124	-68	27	188	295	221	74	8	37	45	-58	-135	-56	85	176
138	-134	-479	-578	-468	-326	-147	84	339	596	759	692	393	67	-261	-542	-594	-428	-204	-49
122	247	297	303	134	-124	-292	-204	97	326	309	151	109	199	106	-221	-428	-313	-15	137
161	233	194	-7	-206	-285	-284	-187	-75	-65	-110	-51	137	246	173	-17	-178	-181	93	393
397	172	22	27	-143	-445	-585	-468	-315	-261	-268	-210	-14	262	377	337	327	485	625	421
-81	-302	-181	-27	-9	-53	-41	0	-26	-93	-164	-222	-343	-393	-178	279	640	633	398	276
272	196	1	-279	-591	-734	-545	-154	201	320	237	145	57	-88	-314	-473	-114	168	296	
337	313	270	221	119	-42	-276	-467	-567	-447	-121	119	206	223	361	582	624	368	-8	-299
-341	-258	-223	-229	-217	-241	-245	-93	145	278	136	-77	-41	223	442	484	360	114	-156	-342
-329	-234	-175	-188	-186	-124	-61	42	236	390	427	368	199	9	-115	-97	43	57	-103	-195
-24	75	-115	-384	-484	-386	-144	60	69	122	304	503	500	192	-182	-309	-235	-55	111	68
-148	-387	-371	-38	258	224	-32	-306	-291	-50	155	115	-85	-182	-48	140	266	256	104	-142
-254	-103	158	226	125	151	328	389	245	2	-124	-41	77	26	-201	-381	-279	-74	-1	-19
28	56	56	46	63	50	-4	-90	-163	-164	-67	63	142	116	5	-60	-56	-73	-120	-173
-270	-42	319	527	376	527	376	222	91	63	97	17	-209	-422	-509	-363	-94	19	-113	-237
-155	76	264	358	397	363	217	8	-91	-120	-122	-124	-116	-66	3	-40	-170	-279	-313	-283
-139	132	374	457	418	313	173	65	-44	-180	-240	-105	168	245	41	-106	-12	39	-165	-407
-400	-161	121	230	93	20	138	307	356	207	-10	-132	-106	16	44	-87	-151	-57	0	-94
-200	-195	-81	98	234	213	89	-64	-165	-210	-197	-104	-15	30	32	63	111	89	-67	-186
-132	18	153	208	172	72	28	78	110	40	-105	-219	-174	37	148	29	-100	-55	39	41
-73	-171	-104	12	38	28	77	186	129	-81	-176	-132	-105	-164	-246	-253	-160	11	197	249
155	-4	-80	-62	18	109	134	159	161	67	-49	-77	-87	-194	-274	-194	39	261	342	229
15	-111	-26	124	180	126	76	58	3	-109	-161	-163	-192	-230	-213	-77	108	195	154	84
30	11	22	74	145	148	59	-84	-180	-183	-133	-107	-125	-144	-148	-79	82	170	76	-73
-135	-65	35	74	83	157	252	262	139	-86	-268	-289	-219	-105	-53	-54	-29	33	75	64
30	33	62	50	-26	-108	-91	-13	31	4	-57	-73	-31	20	52	77	66	24	37	134
233	188	4	-187	-253	-160	-61	-16	-38	-72	-18	79	164	190	122	21	-69	-69	-21	15
-20	-62	-33	56	109	103	51	-53	-141	-174	-124	-55	-29	13	90	133	66	-46	-90	-11
77	113	103	60	15	17	28	4	-62	-96	-78	-65	-26	14	29	25	3	25	108	179
154	49	-20	-27	-11	-42	-66	-52	-11	2	-7	-3	44	81	42	-21	-69	-72	-14	55
61	43	65	99	92	42	-10	-17	-12	-19	-22	-23	-19	-12	-38	-93	-108	-47	27	47
69	135	209	161	28	-48	-55	-1	42	-8	-91	-137	-159	-141	-72	50	123	95	63	77
100	88	23	-63	-95	-72	-60	-52	-36	0	51	71	47	31	27	37	33	-19	-54	-47

-23	-21	-35	-19	22	54	57	56	48	18	-28	-63	-74	-70	-43	-5	-17	-92	-154	-141
-88	-10	29	-36	-6	22	72	116	135	79	19	-27	-55	-64	-56	-43	-42	-49	-51	-38
-7	7	-15	-45	-15	6	-9	-20	36	103	90	30	-18	-77	-71	-2	37	-29	-84	-62
-7	21	-9	-45	-59	-26	51	92	115	130	155	169	132	38	-53	-98	-95	-107	-110	-93
-35	43	102	119	108	66	20	-13	5	2	-1	9	28	45	37	8	-34	-88	-141	-164
-134	-50	35	79	103	112	127	117	59	-44	-126	-144	-129	-112	-79	-4	78	108	83	9
-134	-27	11	42	19	-18	12	44	53	29	-7	-23	-33	-67	-112	-143	-121	-34	67	115
118	97	75	50	25	-28	-83	-100	-93	-94	-63	13	59	29	-32	-45	12	94	108	76
48	33	5	-36	-63	-63	-67	-70	-68	-55	-39	-19	2	20	28	21	2	-5	3	18
2	-46	-67	-61	-50	-59	-75	-52	4	42	42	16	20	43	52	41	29	20	14	5
-5	4	39	58	36	-9	-39	-53	-46	-23	-15	-43	-72	-62	-33	-8	25	63	105	119
75	20	-10	-37	-74	-100	-79	-29	27	39	21	12	34	62	58	25	12	35	38	6
-32	-59	-64	-61	-34	7	20	24	37	69	91	81	44	-16	-58	-77	-82	-75	-75	-62
-8	55	79	65	39	26	29	41	58	80	66	14	-52	-84	-63	-5	36	0	-45	-23
55	106	91	69	68	75	74	55	22	-17	-51	-61	-40	-3	29	30	-6	-36	-17	32
57	35	19	14	14	17	16	-1	-20	-12	16	16	6	0	-7	-6	-2	-5	-13	-13
-5	0	-2	-11	-31	-22	12	30	19	13	19	-22	-97	-121	-87	-58	-60	-65	-49	-21
-4	14	14	14	20	-10	-30	3	32	12	-23	-27	-26	-41	-51	-40	-23	-15	-2	25
47	47	45	16	-27	-71	-80	-49	-35	-41	-48	-28	7	26	11	0	10	25	9	-25
-38	-30	-35	-28	-1	26	30	32	37	35	22	1	-14	7	40	50	37	20	15	2
0	9	6	-4	0	19	34	33	1	-16	-2	14	-7	-2	47	94	93	72	39	-4
-19	-5	0	-36	-47	-15	2	18	33	25	-1	-21	-30	-25	-6	8	-16	-40	-13	29
29	-10	-39	-49	-6	41	52	23	7	26	45	45	13	-32	-69	-70	-29	-3	-26	-39
4	38	39	17	1	-12	-29	-35	-20	-10	-1	11	33	48	26	-29	-70	-77	-50	-5
18	19	25	27	18	29	47	37	-17	-55	-37	7	34	26	1	-8	10	33	18	-41
-88	-80	-27	19	30	22	13	-3	5	31	-12	-40	-65	-33	17	52	54	31	-4	-26
-31	-22	-2	14	8	-15	-25	-10	8	8	12	-30	-18	16	30	17	2	-6	-1	8
2	-33	-49	-16	33	66	65	39	13	15	24	-17	-76	-89	-69	-50	-28	-3	17	23
17	18	28	28	8	-10	9	34	4	-20	4	24	-2	-16	-10	9	33	39	22	4
-5	23	33	-5	-42	-50	-45	-31	-22	-2	17	23	26	33	24	-5	-36	-44	-24	1
28	42	26	5	17	40	44	15	-19	-35	-44	-45	-28	2	28	39	41	36	17	-20
-39	-36	-30	-12	0	-6	-12	22	55	45	27	17	15	-2	-11	4	17	-5	-28	-37
-24	6	25	18	8	4	4	5	18	18	-3	-18	-21	-31	-46	-50	-33	2	22	23
28	40	42	27	6	-16	-38	-45	-35	-16	6	8	6	18	19	-10	-38	-50	-37	-7
25	36	25	8	-1	-1	6	-4	-25	-35	-33	-19	7	23	31	40	29	21	38	57

IIIN187 71.068-0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 287 SAN ANTONIO DAM, UPLAND, CAL.
 INSTR PERIOD = 0.0450 SEC DAMPING = 0.504 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 09 26N, 117 40 47W

PEAK VALS ACCLN = -28.3 CM/SEC/SEC AT 4.62 SEC VELO = -1.6 CM/SEC AT 6.66 SEC DISP = 0.8 CM AT 6.30 SEC
 INITIAL VELO = -0.57889 CM/SEC INITIAL DISP = 0.25886 CM

1500 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

80	53	-19	14	50	11	-59	-93	-33	-13	-48	-25	31	18	-32	-47	-100	-47	-23	23
117	168	122	71	58	-58	-171	-84	53	66	43	71	73	17	-29	-20	20	27	-28	-51
18	45	-16	-68	-1	33	-12	-12	6	6	30	50	-17	-18	39	48	2	-30	14	9
-118	-133	-17	-20	24	76	68	142	120	-79	-25	-5	-67	-32	76	180	42	-114	-26	57
-18	22	70	5	-69	-102	-102	-15	22	66	106	-8	-24	12	-34	-95	-123	-39	128	125
66	76	107	-73	-276	-236	-82	75	59	106	177	51	-26	-24	-10	38	9	-79	-38	62
40	4	42	32	-61	-107	-64	15	72	20	-34	14	60	-32	-150	-57	50	62	13	6
80	76	66	84	-1	-28	-71	-81	9	35	42	70	50	-25	-26	31	-42	-61	31	48
61	-38	-57	18	-7	-91	-145	-43	58	24	-72	-110	-1	28	47	40	-5	63	-26	-174
-179	-130	11	67	28	66	82	166	118	-27	-31	104	124	-26	-40	98	148	2	-69	11
-10	-121	-67	32	131	206	116	-53	-152	-121	-103	-121	-41	107	102	34	134	207	-13	-167
-170	-59	-84	-100	109	172	174	118	-6	-91	-220	-283	-111	-1	38	115	174	121	15	-87
-60	88	146	-9	-62	100	187	-57	-184	-142	-120	-237	-189	38	192	239	192	71	54	29
-54	-87	-75	-135	-175	-87	70	83	9	-21	-40	-104	-140	-79	20	59	61	47	8	40
67	73	58	96	103	-10	-115	-189	-71	104	108	0	-117	-72	-20	-65	-70	35	165	179
79	36	-20	-37	7	36	13	3	-28	-106	-142	-76	7	32	-32	-139	-196	-150	12	123
113	41	0	-60	-174	-115	53	55	-80	-160	-73	32	-36	-42	138	225	134	39	24	-101
-170	-47	21	46	150	113	58	82	101	-29	-140	-131	-30	-15	-19	163	240	97	-33	-119
-98	-22	-56	-78	-17	113	23	48	48	40	-98	-74	18	-20	-20	-20	-5	6	-90	-106
56	132	6	-31	-76	-74	-50	-66	-69	-2	90	106	-50	-149	-32	75	-59	-67	46	27
-14	32	44	55	41	9	-48	0	126	104	-10	-33	36	88	56	-26	-7	7	-33	-39
26	98	113	73	54	15	-58	-63	44	72	18	-21	-43	-14	72	64	-23	-25	17	7
24	29	28	3	-46	-105	-86	-26	84	55	-54	25	99	37	-40	-36	-16	-27	-40	-14
-20	-28	-8	15	15	-40	-77	-83	-57	19	108	105	31	-22	38	59	1	-64	-68	49
101	30	-14	13	20	-10	-27	-30	-6	-17	15	95	96	29	26	15	-54	-54	25	55
54	44	2	-75	-150	-129	-70	-17	2	94	145	140	76	-7	-56	-91	-109	-90	2	96
91	53	3	7	19	31	35	56	71	52	-5	-47	-20	30	35	-3	25	45	-17	-69
-99	-69	29	52	60	90	36	-26	-10	27	32	21	-2	-51	-109	-121	-94	-80	-55	-23
-28	-24	1	18	-2	-27	-2	-4	7	40	38	14	-12	-18	-4	17	21	13	18	15
8	0	16	34	20	15	-7	-40	-46	-39	-26	-15	0	32	46	-3	-56	-71	-68	-27
-1	20	69	52	3	-72	-93	-36	13	9	43	94	46	2	-35	-57	-37	-13	15	71
113	40	-41	-44	-7	25	13	-1	-3	4	21	16	12	22	11	-10	-6	14	-9	-38
-8	38	8	-66	-89	-65	-11	-19	-84	-75	-17	8	-27	-29	-13	-6	6	-7	15	25
-3	-22	-26	-20	12	28	27	14	1	-18	-32	-23	14	55	58	43	46	38	7	-37
-31	-20	-46	-53	-3	57	48	-12	-23	-5	-16	-46	-28	-3	-29	-63	-35	23	46	12
-10	-45	-80	-94	-72	22	79	91	89	82	-38	-24	-53	-58	-56	-42	13	79	99	67
25	27	42	17	-38	-44	-32	-40	-51	-40	2	26	10	-32	-64	-38	-8	2	0	3
23	41	39	25	10	-3	-8	-4	-1	-10	-24	-31	-12	8	40	72	66	51	22	-11
-19	-34	-55	-56	-5	48	72	62	38	10	-10	-52	-70	-39	-7	-14	-2	14	13	12
5	-5	-46	-65	-37	-4	24	24	2	-22	-27	-36	-55	-10	59	58	20	5	36	18

-40	-42	8	43	52	56	76	98	83	45	26	19	14	14	42	50	23	18	6	-7
-6	2	4	-20	-42	-34	-2	20	26	8	-9	-5	-19	-35	-26	-30	-60	-62	-18	22
9	-36	-32	-11	-24	-50	-18	10	-21	-58	-47	-9	10	6	14	20	21	16	9	14
6	-25	-44	-11	22	34	18	9	21	39	39	-18	-64	-43	-10	-3	-16	-9	40	73
53	26	26	6	-27	-42	-21	23	50	37	36	34	25	14	-2	-16	-28	-21	6	30
34	28	-9	-40	-40	-27	-6	9	13	9	-5	-20	-7	14	-1	-23	-9	2	10	13
25	35	22	-3	-9	-9	-7	-5	9	31	56	42	13	-1	-17	-23	-17	6	20	20
11	12	23	21	6	-7	-19	-27	-25	4	15	1	-17	-14	-3	5	-2	-17	-26	-25
-27	-31	-20	3	3	2	19	26	4	-15	-33	-40	-33	-19	-3	8	-5	-10	15	39
29	2	-7	-7	-26	-66	-47	2	36	24	15	28	32	24	15	16	16	-5	-48	-54
-34	-23	-2	25	43	43	22	-5	-16	-21	-40	-42	-35	-6	26	13	-5	-7	-10	-11
-15	-22	-25	-23	-19	-20	0	16	13	11	-12	-21	-18	-35	-45	-32	-4	0	-12	-8
10	7	4	10	18	-2	-28	-17	-10	-4	3	12	13	12	11	6	-11	-17	-8	4
2	-13	-2	11	-19	-35	-10	1	-9	-8	6	23	39	47	49	21	-17	-24	2	16
-3	-15	-3	9	13	6	8	3	-9	-16	-1	15	23	27	24	10	6	13	16	11
12	12	2	-1	15	28	30	30	27	15	-4	-18	-32	-9	22	10	2	27	44	30
26	28	15	4	9	15	10	12	20	16	-4	-12	-12	-11	-12	-22	-23	-13	-1	5
-22	-35	-17	-16	-35	-23	1	2	-6	5	17	7	-9	-7	-9	-13	-17	-12	1	15
18	8	-11	-22	-21	-12	-5	10	21	8	-8	-23	-36	-41	-26	0	14	3	-14	-29
-33	-23	-14	0	16	11	-6	-12	-2	11	5	4	-4	-9	-6	1	5	3	-4	-20
-14	-3	2	-1	9	16	-4	-23	-18	-4	-10	-6	26	39	31	15	1	-21	-35	-26
-12	-12	-4	15	13	0	-8	-17	-20	-21	-19	-14	-3	12	28	37	31	17	5	1
6	6	-2	11	19	2	3	11	17	16	12	10	11	13	14	11	10	8	11	26
42	29	7	3	-20	-42	-36	-23	5	10	8	18	23	19	4	-10	-15	0	-9	-19
-9	-6	5	22	34	30	8	0	4	0	-8	-6	9	29	31	4	-9	-12	-22	-21
-9	7	11	8	14	9	-10	-13	-2	0	-13	-12	-3	5	6	-9	-17	-1	14	23
20	25	24	11	5	7	12	13	6	-13	-17	-6	2	11	19	23	18	10	-5	-19
-13	9	13	16	31	29	6	-6	-10	-14	-21	-29	-23	-12	0	-1	-4	5	7	-15
-29	-13	-10	-29	-31	-14	-9	-13	3	25	19	-2	-20	-23	-9	-3	-6	-6	-5	5
16	7	-2	6	9	0	-15	-14	5	12	2	5	9	4	-5	-11	-9	9	21	11
-5	-15	-16	-7	7	15	3	-14	-25	-32	-22	1	15	18	18	20	8	-21	-35	-33
-36	-26	-10	-3	-7	6	14	-3	-17	-19	-18	-15	-10	-9	0	8	-1	-20	-26	-10
2	6	9	15	16	5	-5	1	-3	-13	-22	-18	-7	-11	-17	-3	7	6	4	3
6	9	7	0	-4	3	9	-3	0	-1	-5	6	10	-1	-3	-4	-7	-11	-16	-17
-20	-15	-6	-6	9	25	20	1	-13	-19	-26	-14	20	36	28	13	13	14	-1	-2

-178	-156	-145	-130	-112	-82	-30	26	65	79	88	79	41	38	4	-12	45	54	5	-11
-44	-53	-18	3	24	35	19	-26	-61	-92	-120	-155	-196	-184	-124	-29	39	24	-10	-4
-31	18	91	153	158	125	115	119	117	96	38	-26	-88	-121	-105	-93	-107	-150	-211	-266
-264	-206	-140	-146	-170	-138	-69	-73	-167	-210	-207	-206	-192	-180	-186	-179	-159	-174	-189	-266
-175	-97	16	62	32	-23	-68	-97	-85	-59	-42	-45	-67	-49	-13	12	23	16	-31	-98
-122	-119	-126	-124	-121	-63	38	111	129	134	157	191	161	79	36	23	51	124	146	102
83	82	87	94	92	77	98	98	136	170	175	135	106	106	97	92	90	97	70	1
-36	-4	58	71	28	15	61	120	120	100	41	2	33	50	62	67	11	-65	-136	-137
-78	6	82	154	196	172	123	64	63	68	84	91	60	4	-35	-27	-22	20	58	44
60	65	61	52	17	-30	-80	-108	-142	-127	-55	9	18	-9	-40	-87	-152	-208	-237	-232
-239	-237	-211	-222	-205	-194	-207	-176	-121	-72	-46	-55	-72	-74	-70	-52	-38	-37	-24	-46
-54	-16	41	90	126	116	113	133	122	88	68	89	104	61	22	50	98	113	87	50
94	171	204	172	120	95	119	147	137	90	52	23	28	46	24	79	19	23	23	14
33	36	63	101	138	173	163	133	142	151	157	196	204	176	134	79	70	34	-30	-106
-138	-144	-142	-130	-122	-108	-73	-36	-32	-35	-40	-45	-63	-94	-116	-140	-124	-90	-55	-24
5	20	10	-4	-6	-24	-20	10	56	90	60	8	-20	26	79	84	72	35	14	16
8	7	21	14	-27	-56	-80	-94	-99	-111	-131	-159	-172	-160	-125	-96	-93	-96	-76	-56
-73	-84	-79	-72	-65	-75	-98	-120	-141	-147	-128	-108	-93	-87	-61	-10	9	-2	-34	-78
-96	-98	-113	-124	-132	-135	-150	-193	-219	-213	-163	-116	-70	-26	-13	-9	25	20	29	29
44	42	49	55	48	45	34	46	96	137	157	160	139	106	88	87	84	89	94	76
47	30	33	45	51	58	63	73	66	31	-12	-46	-55	-19	32	64	87	116	140	142
125	105	105	113	98	64	52	70	101	141	162	147	118	79	21	-32	-43	-7	59	108
98	60	35	56	88	88	49	28	27	2	-45	-83	-101	-98	-98	-91	-65	-23	8	8
-23	-71	-100	-85	-75	-44	-26	-20	27	94	135	118	72	52	66	76	53	11	-23	-47
-80	-109	-128	-122	-98	-70	-51	-18	20	40	39	50	67	68	60	46	40	48	49	26
-7	-28	-3	31	53	40	22	11	9	6	-2	-9	-6	7	34	55	56	40	12	-24
-57	-83	-101	-89	-46	-6	7	10	12	4	-28	-67	-98	-88	-60	-28	-8	-21	-57	-68
-49	-35	-23	-24	-25	2	20	27	33	40	43	38	13	-15	-30	-37	-37	-25	-22	-22
-16	-3	15	28	28	21	19	-3	-34	-63	-57	-28	-3	-5	-24	-33	-32	-19	-19	-41
-57	-50	-41	-40	-34	-30	-28	-8	36	70	89	74	32	-10	-28	-20	10	32	38	42
53	64	65	44	10	-8	7	16	18	20	28	40	45	41	44	44	45	45	34	7
-53	-73	-73	-97	-117	-130	-143	-114	-72	-26	-3	-3	-7	3	33	49	45	17	-26	-50
-57	-66	-77	-86	-90	-82	-66	-55	-39	-29	-28	-29	-30	-39	-38	-31	-43	-47	-57	-61
-44	-4	22	21	11	8	3	-11	-22	-34	-36	-29	-19	0	8	16	17	22	28	31
30	27	7	-29	39	-22	7	38	57	55	40	19	-9	-36	-61	-67	-53	-31	-11	8
16	12	-2	-18	-36	-43	-42	-51	-43	-16	15	41	54	56	53	62	82	99	101	82
54	40	50	66	62	48	37	34	49	66	67	53	25	-1	-17	-25	-24	-24	-22	-27
-29	-33	-31	-25	-22	-17	-5	14	28	29	30	27	6	-3	-2	-5	-5	5	5	8
-9	-18	-13	-7	1	28	58	84	108	105	77	69	84	92	82	76	63	55	55	54
44	44	54	81	110	124	109	83	69	54	20	10	26	39	57	81	83	73	66	56
52	54	58	42	33	34	32	16	15	10	1	13	24	37	57	47	25	12	1	-10
-18	-36	-47	-48	-46	-48	-54	-55	-68	-78	-72	-80	-102	-112	-117	-99	-68	-50	-49	-57
-62	-74	-99	-112	-123	-111	-88	-69	-66	-65	-66	-79	-95	-111	-117	-106	-83	-63	-67	-78
-52	-41	-41	-41	-50	-62	-69	-76	-61	-44	-43	-39	-55	-78	-84	-81	-79	-75	-72	-73
-66	-53	-57	-44	-42	-54	-61	-59	-65	-61	-70	-54	-36	-30	-29	-42	-66	-55	-42	-42
-45	-43	-15	14	50	60	66	-59	-65	-61	51	62	71	79	83	81	72	53	57	74
88	95	95	106	106	105	110	98	104	111	103	107	104	106	100	88	85	87	83	83
92	96	89	94	98	99	97	109	120	127	124	124	122	127	105	88	80	51	34	39
28	40	50	43	30	31	35	33	29	20	23	39	65	59	41	26	5	3	3	28
0	10	24	32	24	-1	-10	-24	-39	-44	-52	-56	-48	-50	-54	-48	59	37	0	21

[illegible]

IIN188 71.084.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 440 1880 CENTURY PARK EAST, PARKING, 1ST LEVEL, LOS ANGELES, CAL.
INSTR PERIOD = 0.0400 SEC DAMPING = 0.571 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 126.5 CM/SEC/SEC AT 6.18 SEC VELO = 12.2 CM/SEC AT 12.50 SEC DISP = 5.4 CM AT 13.42 SEC

2252 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = 0.00324 CM/SEC									INITIAL DISP = 0.49841 CM										
-43	-42	-43	-39	-14	50	68	69	92	88	45	-4	-40	-66	-77	-73	-70	-9	79	114
110	50	-23	-56	-103	-67	3	22	33	-2	-38	-80	-76	-26	-16	6	11	27	92	67
43	26	1	-5	-27	-54	-114	-166	-105	-9	119	198	127	9	-99	-166	-191	-127	40	165
168	81	-30	-63	-38	-20	-17	5	9	-8	24	37	22	98	149	85	-42	-178	-268	-170
-7	87	101	37	-58	-112	-93	-2	40	51	63	70	47	-6	-28	-34	-2	23	11	53
90	65	15	-55	-63	-43	-8	29	18	-10	-38	-56	-46	-25	3	15	-6	-31	-76	-53
59	154	189	103	9	-61	-87	-67	-57	-25	-26	-19	22	6	-22	-33	-48	-14	39	62
54	56	17	10	27	23	-35	-61	-57	-10	56	80	103	115	105	81	24	-34	-67	-57
-36	65	107	33	-70	-165	-169	-130	-71	40	73	40	-33	-82	-22	36	34	7	-79	-71
42	131	172	137	64	10	7	52	47	-9	-29	8	42	48	-20	-85	-136	-98	-27	-11
-27	-12	30	23	21	-16	-75	-78	7	81	123	62	-95	-152	-89	54	195	236	207	149
79	18	-31	-37	64	135	100	24	-81	-191	-171	-58	1	30	5	34	-15	-20	-17	-80
-10	70	112	149	94	31	19	12	13	-6	-58	-103	-148	-168	-128	-1	143	232	203	98
-31	-121	-74	37	108	143	105	68	36	42	-3	-104	-155	-112	37	218	355	362	220	33
-217	-457	-567	-551	-466	-369	-298	-187	20	239	368	362	291	209	237	262	221	87	-80	-238
-422	-534	-483	-452	-395	-227	126	680	1111	1265	1253	907	329	-195	-555	-819	-971	-982	-850	-648
-330	86	389	605	824	774	380	-64	-409	-481	-384	-406	-484	-742	-993	-768	-275	312	789	970
752	476	291	42	-379	-730	-972	-1025	-703	-342	-41	114	121	37	-46	127	467	755	928	982
930	667	202	-276	-759	-1050	-873	-282	277	511	628	633	575	525	478	341	88	-216	-493	-789
-1025	-1032	-774	-370	23	276	356	285	183	126	72	92	89	135	198	212	231	259	154	-8
-154	-208	-132	85	440	634	535	346	83	-192	-333	-325	-252	-300	-340	-298	-197	-121	-9	178
272	390	351	78	-181	-447	-622	-548	-211	135	-316	181	-81	-397	-598	-588	-430	-222	-5	139
169	206	330	430	402	200	-158	-466	-608	-566	-380	-172	-34	47	201	529	919	1150	1074	719
310	-4	-324	-638	-790	-793	-572	-303	-69	80	57	-67	-171	-225	-100	12	136	266	229	95
7	-40	-122	-175	-178	-132	2	181	384	603	813	646	156	-244	-698	-829	-590	-9	528	838
650	242	-244	-735	-988	-837	-529	-142	331	553	513	288	3	-254	-350	-198	31	117	154	84
-122	-249	-328	-266	-40	242	414	381	257	131	21	-55	-61	-34	-104	-192	-255	-161	185	580
802	850	792	502	154	-103	-206	-126	74	221	194	43	-77	-91	-60	-39	-42	-30	113	347
470	432	369	313	243	118	-32	-197	-396	-578	-679	-682	-599	-454	-240	50	415	737	944	1050
977	661	-248	-136	-388	-593	-759	-908	-1078	-1055	-725	-282	128	332	324	285	294	270	278	394
545	663	686	525	297	87	-103	-224	-338	-441	-479	-468	-542	-567	-447	-272	-109	119	403	726
1077	1254	1148	806	337	-212	-703	-1019	-1101	-1009	-763	-529	-351	-196	-65	-37	37	176	402	705
862	731	469	194	20	-16	6	-42	-270	-546	-730	-702	-518	-296	22	260	372	301	87	-196
-386	-390	-195	89	233	178	56	-127	-291	-340	-300	-247	-110	14	26	-89	-210	-249	-173	-11
147	277	282	113	-157	-345	-414	-379	-273	-222	-272	-357	-403	-356	-219	-32	173	316	333	251
73	-121	-293	-361	-282	-144	-9	90	132	113	77	33	-18	-66	-108	-153	-182	-172	-142	-162
-172	-150	-128	-91	-47	-121	-205	-242	-201	-113	279	192	73	17	63	160	293	374	412	376
276	135	-31	-126	-171	-184	-205	-242	-201	-113	-31	41	56	40	57	71	78	60	34	43
91	145	139	93	40	-4	-1	67	100	77	43	6	-11	3	-10	2	104	247	414	523
539	476	327	121	-91	-245	-246	-73	151	325	372	346	322	268	215	178	122	37	-49	-112

-118	-58	45	170	246	255	187	40	-105	-176	-233	-257	-228	-130	-45	15	37	8	-35	-41
4	75	125	120	56	-44	-144	-183	-190	-222	-245	-246	-215	-143	-51	60	103	97	45	3
-12	-26	-27	17	85	132	132	77	-14	-89	-139	-162	-160	-142	-137	-147	-174	-272	-405	-504
-546	-477	-350	-235	171	-171	-125	-49	25	59	16	-72	-156	-229	-231	-168	-89	-8	31	52
91	125	157	168	151	147	142	97	23	-107	-236	-311	-275	-150	22	211	329	375	359	326
285	211	170	153	125	103	101	99	67	40	65	99	124	115	66	45	60	73	80	120
172	206	212	213	178	90	0	-39	-53	-42	-39	-42	-19	19	53	80	87	57	7	-19
-13	8	24	68	111	145	139	86	17	-28	-42	-58	-81	-125	-174	-212	-221	-170	-103	2
139	207	216	121	-20	-147	-234	-265	-219	-157	-93	-57	-65	-88	-73	-75	-55	-17	-19	-55
-95	-156	-211	-237	-238	-189	-88	1	54	71	33	-58	-161	-261	-327	-347	-312	-175	-17	104
151	99	13	-35	-12	34	127	212	264	263	257	220	159	110	86	67	44	-3	-84	-139
-135	-59	85	221	299	289	197	81	-9	-67	-98	-77	-34	44	131	170	185	190	176	138
96	54	1	-62	-108	-98	-58	-43	-39	-40	-36	-12	28	26	-30	-74	-78	-82	-94	-88
-77	-41	10	46	58	46	-1	-57	-56	4	80	137	157	142	101	58	18	-11	-12	7
-2	-26	-39	-46	54	-58	-55	-49	-39	-41	-51	-36	-16	-21	-43	-65	-79	-69	-72	-87
-97	-110	-111	-90	-32	32	61	40	-23	-102	-155	-167	-155	-84	23	92	83	18	-67	-107
-125	-86	-42	-49	-89	-118	-135	-126	-55	20	64	93	93	105	85	44	26	12	11	45
98	130	142	149	143	118	62	-2	-48	-59	-58	20	57	75	112	161	194	212	223	198
161	66	-14	-32	-22	25	69	93	66	12	-49	-85	-104	-77	-71	-53	-22	0	-2	14
11	-2	-13	-55	-87	-140	-189	-170	-78	52	120	156	151	138	101	80	89	119	121	85
30	-35	-75	-95	-84	-5	55	84	94	66	19	-8	-27	-6	17	45	56	23	-26	-61
-65	-56	-57	-38	2	42	57	55	43	24	7	-45	-130	-164	-199	-188	-163	-110	-64	-49
-50	-80	-120	-116	-99	-92	-98	-127	-129	-130	-110	-88	-64	-77	-66	35	175	267	267	170
63	-65	-107	-56	-7	0	-8	-40	-69	-76	-42	-48	-63	-76	-58	-49	-63	-66	-87	-125
-81	-8	13	10	4	19	37	69	107	116	114	89	42	-16	-68	-97	-102	-109	-111	-118
-137	-107	-43	40	118	131	90	55	21	-4	10	33	32	17	-3	-9	-33	-75	-113	-131
-136	-106	-51	-20	14	22	22	22	30	89	146	111	62	12	-15	-27	-13	25	67	109
134	134	116	80	46	24	8	-16	-34	-30	-35	-40	-17	8	27	35	57	113	162	151
149	126	84	30	7	29	65	86	95	66	40	2	-18	18	75	137	153	139	103	45
-19	-41	-18	18	8	8	14	13	45	78	64	45	14	-14	-56	-70	-56	-47	-38	-30
-10	15	40	9	8	1	-2	-20	-17	15	17	12	1	-33	-61	-84	-99	-90	-50	-9
4	-9	-15	-25	-33	-38	-24	13	44	52	36	5	-10	-22	-8	-3	8	8	10	25
43	60	69	60	42	29	30	20	1	9	24	21	26	38	61	66	46	14	-22	-30
-40	-64	-74	-84	-57	-36	-27	-1	12	45	61	55	45	19	-9	-40	-48	-43	-23	10
40	28	27	10	-5	-9	6	22	37	46	38	15	-30	-59	-58	-46	-30	-10	6	-9
-31	-49	-66	-79	-82	-77	-65	-61	-82	-101	-112	-125	-103	-80	-52	-31	-14	-24	-42	-63
-71	-75	-83	-88	-89	-82	-87	-71	-61	-45	-30	-16	-4	-12	-22	-30	-29	-29	-44	-47
5	51	55	60	49	27	6	-7	-18	-9	-3	-17	-30	-26	-21	-10	10	31	61	77
75	69	61	64	75	89	85	87	94	77	78	63	51	43	33	26	38	45	60	66
75	48	10	-18	-41	-36	-23	-2	14	19	22	52	33	22	-21	-54	-76	-87	-86	-70
-36	14	7	0	-4	-20	-37	-35	-47	-68	-77	-76	-80	-65	-89	-114	-111	-78	-33	14
24	4	-9	-27	-44	-74	-72	-80	-88	-80	-52	-34	-11	-3	-7	24	35	50	59	55
49	17	-14	-38	-61	-65	-34	14	10	9	20	20	9	-12	-46	-53	-63	-75	-78	-64
-57	-50	11	51	41	46	50	55	75	114	97	84	69	65	70	89	126	154	149	132
119	124	131	148	162	164	140	111	64	26	13	33	50	60	51	37	30	31	29	33
22	6	-7	-11	-17	-20	-11	-2	6	16	29	40	37	14	1	-12	-19	-19	-13	-13
-24	-30	-24	-24	-17	-6	-7	-22	-42	-70	-100	-117	-103	-61	-29	-9	-16	-37	-54	-61
-24	-30	-30	-24	-17	-6	-7	-22	-42	-70	-100	-117	-103	-61	-29	-9	-16	-37	-54	-61
-62	-57	-60	-55	-45	-41	-36	-28	-20	-29	-43	-60	-75	-86	-87	-91	-103	-110	-111	-103
-88	-64	-35	-12	-1	12	33	42	50	49	29	-4	-21	-48	-66	-78	-86	-88	-74	-46
-7	47	103	136	133	106	53	-18	-68	-75	-41	-1	51	80	115	139	151	159	147	124

93	55	32	23	35	60	54	21	-24	-80	-111	-121	-103	-64	1	93	196	266	243	155
38	-35	-55	-23	32	81	86	73	66	65	83	113	155	196	199	160	103	68	73	86
97	95	57	-21	-91	-132	-135	-87	-4	71	103	83	51	21	-11	-28	-38	-61	-90	-97
-104	-111	-118	-100	-62	-37	-39	-35	-35	-26	17	46	20	-18	-76	-129	-150	-164	-171	-170
-157	-144	-142	-148	-142	-136	-110	-68	-33	-32	-57	-87	-105	-115	-105	-81	-59	-45	-48	-67
-103	-125	-115	-86	-54	-25	-8	-12	-10	13	47	66	62	46	31	20	30	39	43	46
31	8	-24	-50	-61	-35	5	43	77	92	93	86	86	98	112	110	95	67	46	23
10	3	9	16	26	36	40	42	37	29	34	42	47	47	38	25	18	13	9	6
-1	-2	-4	-1	15	14	1	-14	-28	-39	-19	8	27	29	9	-22	-44	-34	-11	16
45	49	21	-19	-49	-65	-61	-41	-29	-8	-9	-28	-42	-41	-30	-18	-10	-15	-30	-30
-29	-33	-18	5	16	20	17	11	-11	-19	-3	12	23	6	-35	-65	-86	-90	-65	-33
-1	24	25	9	-4	-15	-13	-4	11	12	-8	-25	-30	-26	-15	8	28	40	40	31
23	10	-3	8	23	45	66	72	55	46	30	25	34	38	43	57	68	68	59	38
24	39	70	94	103	87	64	46	33	13	21	45	77	107	116	89	49	15	0	10
40	59	56	45	34	32	44	56	72	82	70	48	21	-13	-42	-53	-54	-55	-55	-53
-64	-80	-97	-117	-121	-111	-101	-101	-117	-124	-136	-144	-133	-110	-100	-98	-95	-85	-75	-83
-102	-119	-139	-135	-114	-87	-69	-67	-67	-67	-65	-56	-51	-57	-61	-57	-55	-55	-58	-60
-61	-54	-45	-39	-37	-31	-27	-26	-14	-5	-5	6	24	49	82	96	88	78	72	67
61	56	51	46	42	41	45	61	83	105	115	100	84	59	44	32	40	52	68	90
110	129	143	145	137	133	131	117	95	86	76	72	75	68	54	44	46	44	40	45
61	81	97	95	84	69	57	44	37	38	49	58	45	25	9	-6	-23	-45	-58	-59
-58	-54	-49	-44	-37	-46	-57	-71	-91	-98	-101	-92	-78	-62	-72	-100	-113	-121	-131	-138
-138	-122	-98	-93	-99	-100	-105	-111	-109	-106	-116	-123								

II188 71.084.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 440 1880 CENTURY PARK EAST, PARKING, 1ST LEVEL, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0370 SEC DAMPING = 0.578 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 03 44N, 118 24 50W

PEAK VALS ACCLN = -62.5 CM/SEC/SEC AT 7.46 SEC VELO = -5.1 CM/SEC AT 11.26 SEC DISP = 2.4 CM AT 31.28 SEC
 INITIAL VELO = -0.25468 CM/SEC INITIAL DISP = -0.24883 CM
 2263 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

50	-43	-21	74	239	231	91	-56	-239	-189	-2	95	166	77	-115	-99	-23	59	143	110
16	-34	-66	30	30	111	105	-90	-271	-262	-34	229	175	64	-56	-71	171	243	229	17
-371	-383	-64	133	197	68	-54	-98	59	64	-35	-185	-225	-127	54	239	147	-51	-96	-211
22	189	92	67	-185	-144	226	306	226	-60	-407	-218	182	286	66	-113	-262	-120	225	186
61	-244	-543	77	77	238	236	73	-53	-104	-23	109	160	121	-128	-340	-94	27	116	160
-48	-103	-112	-3	193	172	-29	-227	-211	-97	18	29	-56	71	119	11	-80	-20	196	321
204	-54	-228	-186	15	224	119	-39	-204	-277	10	172	163	127	-49	-77	45	71	33	-76
-206	-110	44	75	24	9	-50	44	95	-36	-96	-141	8	248	323	243	-12	-335	-278	0
178	99	-27	-231	-130	103	172	239	7	-192	-324	-139	41	143	136	-11	-163	-124	-92	63
81	53	26	42	218	273	178	66	-51	-27	-94	-36	-69	-75	-14	88	92	8	-103	-99
-83	-1	-26	-69	-72	-80	-31	62	53	-42	-42	108	122	236	99	-142	-113	0	149	144
-111	-246	-208	-140	-42	-65	-138	-140	3	108	137	59	-108	20	57	70	-2	-180	-98	30
113	156	16	-6	-3	-85	-103	8	201	326	248	-84	-404	-406	-120	235	249	86	-113	-229
84	312	265	126	-263	-383	-196	98	247	172	1	-289	-264	-149	-120	56	64	-12	-70	-54
134	299	270	26	-309	-440	-136	186	317	250	179	104	139	96	-38	-143	-216	-213	-79	22
54	-138	-146	-107	24	231	114	-50	-154	-289	-47	155	77	37	-84	-106	104	123	12	-151
-259	-116	232	372	236	-101	-317	-204	73	246	63	-192	-285	-142	247	572	420	92	10	109
29	-46	-66	-84	9	-30	-228	-347	-119	226	409	450	326	269	134	85	164	-12	-272	-338
-522	-402	-76	171	380	262	26	-120	-56	201	246	-42	-461	-625	-260	182	261	225	-31	-266
40	249	216	86	-49	-135	175	402	380	274	-17	-141	-84	-79	-33	-132	-262	-120	180	285
98	-169	-352	-324	-129	-31	-72	-142	-22	83	-25	-162	-177	-130	-12	40	-89	-206	-25	75
69	100	-56	-108	77	70	-34	-109	-239	-194	-2	176	283	285	210	153	107	47	45	102
163	148	71	101	64	78	173	263	316	197	28	-95	-81	93	69	-80	-235	-344	-225	-104
-240	-352	-443	-193	260	410	319	86	-345	-256	106	317	323	15	-461	-480	-113	152	207	72
-79	-60	199	391	316	75	-261	-466	-251	112	162	104	-110	-301	-182	-44	-38	-87	-297	-283
-4	132	257	169	-48	-117	-95	-73	-107	-153	-51	115	180	74	-93	-218	-118	-47	-115	-181
-293	-207	51	247	225	71	-243	-70	294	360	344	142	-83	-6	206	231	93	-129	-301	-144
170	289	230	71	-205	-239	-12	-7	-62	-143	-150	-51	-24	3	-65	-161	-162	-114	-108	-255
-503	-498	-245	71	199	81	40	80	159	236	211	153	46	-78	-128	-136	-167	-109	-99	-171
-174	-38	229	310	280	174	141	259	474	536	380	201	110	201	215	109	-115	-378	-432	-226
-104	-77	-143	-248	-167	82	203	196	113	-23	52	293	360	316	54	-240	-273	-201	-66	118
71	-110	-270	-212	16	250	325	217	36	-83	-29	148	208	106	-30	-185	-134	12	149	85
-41	-247	-331	-286	-89	57	68	23	-53	-94	-94	72	211	174	101	-58	-271	-235	-144	-19
56	22	-93	-177	-96	128	267	362	283	103	64	144	209	176	45	-116	-125	-50	25	56
11	34	123	121	129	150	188	214	243	218	123	71	-18	-81	-40	-26	12	5	-148	-204
-183	-147	-97	-146	-221	-248	-156	-5	48	-46	-203	-264	-109	53	78	33	-56	-127	-85	-73
-85	-64	-83	-68	17	72	115	108	61	71	76	83	61	-32	-122	-57	63	133	64	-111
-265	-196	1	117	98	0	-147	-136	40	143	101	31	-67	-9	104	66	-28	-68	-87	-66
-56	-84	-119	-124	-33	43	23	-93	-179	-144	-58	61	124	72	-17	-57	-70	-73	-76	-122
-182	-170	-112	-8	43	42	13	-11	-16	16	24	-15	-77	-130	-118	-76	-37	-16	-11	-32

-33	12	95	86	33	-45	-19	54	100	100	75	39	86	142	151	112	88	67	87	156
161	104	-17	-52	-33	9	20	54	58	102	166	182	142	69	-25	-72	-47	48	104	84
33	4	36	71	-19	-87	-114	-69	48	92	29	-94	-177	-149	-44	36	-10	-80	-113	-77
70	159	107	51	-11	-50	-7	46	35	36	36	153	66	13	-71	-86	-74	-20	30	38
2	-12	6	48	116	97	-14	-101	-130	-60	64	153	151	129	72	37	83	97	78	38
29	30	29	47	-32	-125	-191	-202	-133	-30	67	91	53	22	11	32	16	-52	-120	-161
-168	-143	-126	-118	-75	-60	-37	9	46	64	39	9	-29	-56	-66	-50	-57	-48	-85	-111
-80	-23	18	3	-28	-63	-70	-34	-2	35	33	-1	0	-6	-10	-13	-33	-12	33	60
71	24	-26	3	77	119	116	69	27	35	70	80	60	-1	-5	85	182	230	183	94
38	29	58	56	16	-59	-100	-103	-45	16	42	29	-9	-19	-2	59	106	53	-43	-130
-130	-62	19	77	68	7	-50	-51	-48	-35	-41	-74	-109	-86	-71	-23	-8	-14	-13	-6
13	48	47	25	4	7	-22	-55	-52	-21	28	53	12	-12	-31	-36	-56	-83	-71	-71
-63	-70	-45	-12	0	-44	-113	-82	19	-113	62	5	-66	-119	-127	-66	-22	-64	-127	-145
-100	-37	7	-14	-70	-92	-88	-51	-36	-59	-72	-82	-103	-106	-78	-56	-43	-17	4	35
81	83	64	60	59	80	76	56	40	59	85	113	108	82	78	111	134	174	185	172
158	126	76	78	106	134	152	162	122	116	154	179	190	125	39	-13	10	46	65	77
51	9	4	3	4	-9	-40	-67	-71	-31	2	-23	-44	-81	-88	-50	-12	-2	-27	-69
-107	-122	-106	-77	-69	-49	-26	-21	-31	-23	-20	-9	-4	-24	-31	-43	-58	-36	-31	-42
-56	-77	-57	-25	-3	-27	-57	-89	-94	-57	-11	31	61	55	72	69	63	68	62	61
52	63	53	24	9	32	31	49	44	26	3	-17	-24	-6	-9	-16	-9	1	-3	-6
-6	-8	-1	25	47	40	10	-22	-29	-25	-2	28	43	20	7	-2	-6	-1	0	-11
4	11	-4	-26	-50	-49	-24	-9	-18	-42	-40	-35	-4	15	0	-29	-38	-5	28	40
13	10	23	54	80	58	5	-29	-19	43	78	43	-17	-60	-53	17	39	21	-9	-46
-52	-18	1	-3	-15	-36	-87	-100	-75	-31	-25	-39	-54	-47	-49	-33	-21	-27	-35	-51
-58	-38	-28	-9	-23	-9	18	36	15	-12	-31	-33	-17	8	-7	-22	-35	-34	3	44
58	25	-36	-65	-46	1	21	-24	-75	-90	-52	21	62	46	18	27	65	85	65	20
-11	0	31	47	50	31	25	46	65	74	70	57	44	20	-12	2	44	52	36	16
0	3	11	-15	-51	-53	-47	-20	-11	-45	-104	-144	-132	-91	-57	-46	-61	-67	-63	-47
-49	-35	-43	-65	-68	-80	-74	-65	-52	-40	-40	-20	-19	-19	-6	7	21	1	-11	-11
16	46	69	52	23	6	14	26	37	48	43	44	51	44	33	28	38	40	39	61
95	101	89	53	29	22	25	20	28	12	-6	-6	-8	-16	-11	12	26	47	39	42
50	57	35	41	40	45	30	10	-14	-33	-10	33	64	67	49	37	21	35	60	63
47	28	-9	-30	-27	-24	-9	-8	-27	-53	-57	-39	-10	5	-28	-65	-64	-32	-5	16
-11	-46	-68	-53	-17	3	-15	-32	-25	-23	-3	38	61	46	49	54	67	91	73	68
52	25	40	56	46	35	29	10	24	44	39	38	28	20	47	56	59	42	27	16
25	39	52	46	32	17	-1	-8	14	21	10	0	-11	-8	-3	-15	-35	-31	2	0
-5	-9	-13	-10	3	-3	-3	-10	-1	14	28	14	-1	-24	-39	-40	-40	-29	-33	-53
-52	-38	-29	-40	-48	-61	-72	-51	-48	-46	-43	-47	-59	-47	-34	-13	-17	-23	-54	-50
-39	-48	-48	-50	-66	-42	-47	-59	-68	-77	-90	-54	-1	29	31	-5	-59	-77	-78	-69
-51	-69	-80	-67	-55	-26	-27	-47	-82	-89	-59	-8	29	-13	-63	-50	-47	-33	-40	-55
-60	-50	-16	25	38	23	-20	-36	-32	-5	36	18	-2	1	15	60	61	44	39	18
-2	24	52	65	36	10	19	35	46	29	15	1	29	65	86	82	64	41	39	48
55	62	67	66	58	38	35	41	59	56	37	16	45	79	103	89	61	31	20	28
40	40	44	29	13	5	17	24	18	-12	-42	-34	-16	-5	16	18	-12	-37	-30	-8
8	2	1	-14	-10	0	10	-7	-22	-34	-27	-10	-7	-7	-13	-22	3	11	7	-2
-31	-52	-39	-19	-4	3	0	-13	-25	-36	-46	-51	-49	-42	-31	-20	-14	-15	-22	-30
-20	-9	1	16	25	17	5	-7	-4	-11	-20	-18	-13	3	-9	-14	-3	0	-3	0
-2	-6	-7	4	10	12	17	4	-7	-3	15	29	21	13	2	3	16	28	36	46
44	39	31	31	53	61	60	54	45	35	35	21	26	35	34	38	35	37	29	27
27	39	40	30	13	-9	-7	8	32	48	31	16	5	6	14	-2	-8	-19	-33	-15

II189 71.085.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 441 1880 CENTURY PARK EAST, 7TH FLOOR, LOS ANGELES, CAL. COMP N54E 34 03 44N, 118 24 50W
 INSTR PERIOD = 0.0430 SEC DAMPING = 0.579 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -100.5 CM/SEC/SEC AT 12.28 SEC VELO = -22.4 CM/SEC AT 14.16 SEC DISP = 15.6 CM AT 12.94 SEC

INITIAL VELO = 0.70434 CM/SEC INITIAL DISP = 0.44225 CM
 2785 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-12	-21	-27	-21	-17	-20	-25	-27	-20	-10	5	9	9	7	0	-6	-10	-17	-23	-28
-22	-12	-14	-13	-12	-10	-1	5	9	12	15	13	-1	-15	-18	-28	-42	-52	-56	-39
-10	16	25	21	29	33	41	41	25	7	-12	-40	-58	-50	-10	31	44	41	26	5
-4	-4	-6	-1	2	-1	-9	-16	-16	-20	-38	-44	-29	20	49	44	31	0	-25	-25
-11	3	8	-13	-49	-73	-46	16	50	48	22	-6	-35	-60	-76	-55	21	81	66	12
-38	-67	-60	-20	18	36	33	3	-21	-26	-4	30	39	4	-39	-72	-74	-44	-1	12
-8	-43	-72	-76	-46	-20	-8	10	49	65	22	-15	-38	-28	0	18	27	30	25	11
-8	-20	-17	-8	8	22	30	27	6	-35	-47	-30	-12	-13	-32	-38	-14	16	26	15
12	24	29	1	-39	-54	-50	-25	11	25	6	-31	-39	-11	8	32	55	74	78	71
53	35	14	-9	-17	3	25	39	48	56	55	55	61	56	23	-11	-20	5	35	52
35	-2	-46	-80	-89	-86	-76	-49	-19	-4	-4	8	40	52	39	27	27	52	83	95
95	95	92	84	60	39	44	69	95	104	98	77	49	25	0	-36	-63	-65	-28	5
9	-3	-40	-71	-85	-69	-46	-25	-16	-40	-77	-85	-49	20	81	103	100	84	69	60
63	68	79	105	107	62	10	-7	13	55	82	81	61	58	45	-4	-59	-103	-110	-65
-7	24	19	2	-3	0	2	-7	-33	-76	-114	-132	-121	-74	-10	21	12	1	7	51
84	107	134	148	132	97	62	25	-4	-41	-60	-47	-23	-6	7	36	68	87	132	189
191	128	19	-71	-139	-180	-177	-180	-202	-200	-101	5	85	127	121	95	44	-17	-58	-72
-76	-96	-99	-41	57	160	280	397	476	443	303	90	-169	-447	-649	-788	-821	-776	-584	-219
232	614	810	853	798	549	170	-89	-201	-299	-522	-744	-881	-717	-382	-94	156	324	389	408
406	353	220	-7	-274	-514	-621	-582	-427	-333	-287	-276	-242	-69	205	400	411	316	146	-96
-360	-584	-675	-686	-618	-396	-126	57	159	254	291	302	306	303	270	181	36	-233	-545	-743
-742	-549	-278	-35	125	197	204	235	255	252	228	184	124	77	47	43	7	-136	-306	-351
-258	-49	170	328	357	308	234	171	144	182	193	97	-77	-284	-410	-367	-198	-25	160	288
292	178	56	-74	-224	-303	-275	-191	-154	-208	-273	-320	-349	-392	-385	-343	-293	-216	-99	93
364	619	751	656	375	110	-14	-62	-76	-130	-175	-101	133	427	640	771	843	811	633	429
325	248	100	-106	-210	-106	52	134	146	103	42	-29	-73	-64	-7	45	86	133	172	147
23	-208	-443	-577	-583	-443	-99	287	529	558	334	-21	-278	-401	-411	-359	-140	191	457	560
542	493	407	290	204	254	388	457	437	380	344	258	162	79	44	14	9	11	39	86
119	152	216	271	282	234	167	103	38	-41	-97	-104	-99	-109	-170	-250	-243	-110	112	325
428	463	471	487	492	437	289	113	-12	-66	-102	-149	-172	-169	-178	-203	-179	-91	-2	50
160	325	428	481	496	458	303	99	-91	-199	-318	-492	-694	-891	-1005	-931	-637	-300	-100	33
176	276	179	-3	-161	-274	-317	-364	-371	-296	-234	-223	-244	-260	-265	-308	-398	-410	-345	-195
-70	-9	-24	-101	-133	-163	-243	-315	-377	-430	-506	-578	-639	-649	-639	-617	-502	-291	-34	176
291	309	274	223	93	-75	-233	-398	-569	-698	-739	-718	-682	-641	-564	-455	-317	-193	-112	-47
-32	-49	-53	19	82	86	38	-20	-80	-136	-152	-104	-38	13	34	44	29	11	-11	-32
-68	-82	-60	-42	-44	-75	-101	-79	-12	105	215	265	296	296	263	207	182	193	234	306
399	453	458	428	398	353	319	293	264	216	165	128	109	109	131	153	141	103	98	85
80	69	65	86	139	206	282	342	386	395	391	391	391	389	374	358	355	224	233	219
152	95	68	76	116	182	281	380	449	471	430	355	274	219	191	194	209	224	233	219
205	195	183	145	72	-6	-57	-76	-67	-61	-67	-89	-108	-131	-158	-165	-151	-138	-123	-114

-120	-142	-155	-150	-127	-99	-79	-65	-54	-52	-52	-52	-47	-21	46	129	196	233	237	233
224	202	165	104	66	81	97	121	115	71	19	19	-99	-151	-215	-287	-366	-417	-426	-420
-395	-335	-277	-251	-222	-189	-166	-171	-190	-210	-223	-236	-241	-236	-217	-194	-177	-172	-177	-174
-155	-125	-92	-57	-26	-3	10	10	-5	-32	-74	-103	-113	-99	-51	12	78	111	121	113
106	122	164	205	224	227	225	222	214	185	118	118	-39	-98	-152	-216	-302	-379	-426	-439
-430	-419	-389	-349	-291	-219	-174	-156	-166	-179	-195	-213	-217	-194	-160	-125	-98	-86	-75	-48
10	70	110	130	128	105	78	56	19	-20	-46	-55	-47	-18	29	87	137	155	152	143
124	96	75	67	64	71	77	89	105	125	133	114	71	18	-13	-2	24	50	59	80
91	105	110	92	56	27	12	-1	-16	-25	-27	-30	-24	6	39	53	46	36	31	35
57	84	109	125	131	142	156	168	167	145	113	84	71	63	52	35	10	-8	3	39
97	149	165	169	164	144	119	106	108	126	143	141	116	96	73	69	79	91	101	96
79	62	31	-3	-39	-70	-78	-75	-69	-62	-62	-92	-135	-191	-246	-282	-302	-300	-299	-298
-288	-270	-254	-240	-219	-175	-150	-122	-81	-57	-45	-41	-39	-43	-51	-60	-71	-83	-90	-74
-26	44	116	166	187	177	145	108	69	42	29	18	15	28	48	66	86	91	93	114
129	125	106	79	48	16	-6	-22	-33	-33	-28	-26	-26	-40	-58	-79	-99	-116	-119	-102
-72	-31	10	44	68	82	97	114	142	191	247	274	280	281	271	253	224	192	142	100
65	41	35	51	74	106	132	157	170	179	174	154	115	74	51	37	30	26	30	24
14	10	5	0	1	12	18	16	1	-29	-56	-64	-43	-4	28	46	41	38	23	5
-8	-18	-23	-39	-61	-91	-105	-110	-109	-111	-116	-127	-140	-158	-169	-175	-176	-173	-168	-180
-185	-178	-165	-161	-179	-211	-251	-286	-312	-328	-332	-328	-306	-268	-220	-176	-152	-146	-151	-169
-190	-222	-248	-258	-250	-216	-169	-134	-129	-133	-140	-139	-126	-107	-71	-46	-23	-1	20	21
14	4	-15	-42	-61	-62	-46	-19	20	60	86	90	88	85	97	108	120	117	96	61
29	8	7	36	71	102	123	122	103	74	53	59	76	93	113	122	136	155	169	182
195	192	184	160	148	157	185	207	233	244	248	229	203	166	143	146	174	208	226	228
229	237	257	267	265	255	230	209	170	118	81	43	29	22	41	81	128	156	155	123
78	18	-27	-44	-50	-54	-48	-30	-2	21	34	30	24	14	1	-11	-25	-40	-60	-75
-88	-104	-118	-133	-128	-116	-99	-74	-49	-24	-8	7	18	25	22	14	3	-5	-23	-36
-49	-38	-16	6	-5	-29	-53	-85	-104	-129	-153	-158	-168	-160	-159	-162	-170	-188	-218	-259
-289	-308	-310	-295	-272	-242	-208	-174	-139	-116	-111	-116	-124	-116	-112	-100	-103	-99	-80	-52
-27	-14	-4	13	24	48	61	64	82	77	63	47	30	8	6	9	14	26	40	48
53	61	65	79	91	95	86	61	28	-1	-12	-16	-13	-4	1	3	6	-9	-31	-50
-54	-47	-48	-62	-40	-30	-5	29	63	107	137	143	128	97	78	65	75	83	104	123
146	169	188	181	171	156	147	139	135	130	132	135	138	130	121	120	115	106	88	57
17	-15	-44	-72	-99	-102	-91	-72	-56	-44	-40	-43	-38	-28	-17	-13	-19	-29	-34	-40
-46	-60	-77	-87	-89	-86	-80	-68	-54	-38	-25	-13	-13	-13	-11	-14	-23	-32	-38	-36
-30	-21	-4	11	15	18	13	6	-4	-14	-19	-18	-26	-29	-46	-55	-60	-54	-51	-74
-52	-66	-87	-99	-106	-90	-63	-43	-30	-31	-40	-58	-84	-107	-130	-133	-120	-106	-87	-74
-67	-68	-72	-79	30	-80	-78	-71	-59	-43	-28	-20	-13	-6	6	23	37	45	44	36
32	33	36	38	30	33	40	46	74	99	105	101	92	76	62	44	29	18	15	15
13	17	16	12	1	-6	-5	0	13	24	18	6	-3	-10	-9	-10	-10	-8	0	-3
-10	-11	-9	3	14	33	58	85	99	121	134	150	166	179	184	187	190	197	197	192
186	182	186	189	185	188	183	168	149	136	132	127	123	122	116	104	89	72	68	63
62	64	59	48	40	31	17	1	-12	-25	-32	-33	-33	-27	-14	-3	4	14	29	38
34	28	22	11	-1	-11	-18	-26	-35	-38	-40	-41	-43	-42	-38	-28	-18	-1	12	10
-11	-35	-60	-80	-89	-94	-90	-86	-93	-99	-110	-123	-140	-166	-192	-204	-208	-224	-229	-238
-234	-221	-217	-213	-213	-212	-210	-205	-192	-179	-177	-184	-196	-211	-218	-214	-211	-201	-184	-165
-151	-144	-141	-134	-130	-135	-139	-146	-156	-154	-146	-140	-138	-139	-142	-149	-155	-159	-162	-160
-154	-148	-138	-128	-119	-102	-80	-65	-53	-42	-28	-25	-22	-9	7	21	23	21	22	36
56	75	94	107	119	130	135	146	153	160	169	178	184	196	213	222	224	220	222	227
230	232	230	227	225	228	232	235	244	250	258	251	244	236	221	208	192	178	169	164

IIN189 71.085.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 441 1880 CENTURY PARK EAST, 7TH FLOOR, LOS ANGELES, CAL. COMP N36W 34 03 44N, 118 24 50W
INSTR PERIOD = 0.0440 SEC DAMPING = 0.579 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS	ACLN = 122.1 CM/SEC/SEC AT 6.96 SEC	VELO = 17.5 CM/SEC AT 28.68 SEC	DISP = -9.9 CM AT 27.82 SEC																
	INITIAL VELO = 0.90115 CM/SEC	INITIAL DISP = 0.08734 CM																	
2783	INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																		
-6	-25	-32	-26	-10	-2	-2	-11	-24	-19	3	27	46	38	12	-9	-18	-20	-23	-14
-4	-8	-10	-8	-5	-3	-2	2	12	21	17	2	-12	-20	-21	-27	-35	-47	-55	-46
-22	0	18	38	52	52	35	13	4	5	-3	-43	-80	-77	-22	46	92	92	35	-38
-61	-51	-17	8	22	7	-11	-21	-26	-34	-45	-49	-40	-18	22	50	45	20	-9	-16
-14	-13	-23	-54	-97	-54	-44	66	108	75	29	-26	-93	-145	-129	-51	42	98	84	43
-3	-46	-65	-50	-32	-16	-11	-28	-38	-3	55	109	81	-9	-98	-135	-142	-92	-9	52
54	6	-45	-86	-101	-72	-23	33	75	72	33	-5	-27	-40	-42	-14	33	76	76	20
-26	-36	-15	22	47	44	30	8	-7	-14	-1	30	40	6	-58	-95	-70	-15	29	57
80	84	-17	-65	41	-78	-77	-49	10	53	61	40	15	0	16	60	83	74	52	32
33	48	55	41	19	-7	-21	-19	-9	23	77	103	83	33	-27	-60	-53	-9	53	93
100	41	-40	-102	-137	-128	-72	-25	-27	-46	-45	0	41	51	19	-17	-37	-23	23	65
87	98	91	80	71	56	45	42	57	87	80	35	-24	-65	-66	-65	-61	-52	-41	-34
-16	0	-19	-66	-100	-96	-62	-14	15	-24	-102	-127	-82	19	107	177	204	169	82	-3
-18	16	78	144	141	69	-6	-46	-53	-34	-1	14	7	-25	-61	-94	-110	-61	14	70
93	58	6	-35	-54	-57	-31	-13	-44	-127	-198	-208	-93	85	217	287	243	151	70	26
40	84	114	117	109	102	97	55	-37	-109	-129	-89	44	206	314	331	194	3	-136	-282
-495	-646	-659	-556	-419	-204	64	247	293	299	284	221	192	236	231	100	-52	-187	-316	-447
-546	-560	-418	-175	109	473	875	1176	1221	883	433	141	-115	-344	-493	-601	-684	-623	-413	-210
-79	95	198	155	-47	-281	-406	-370	-331	-344	-387	-510	-583	-408	-131	145	409	507	492	377
167	-103	-416	-658	-708	-629	-362	91	406	470	416	336	261	253	284	346	486	730	900	839
444	-12	-357	-546	-552	-307	4	170	219	282	364	342	214	23	-205	-407	-577	-774	-935	-979
-769	-384	-32	213	314	338	220	-2	-125	-150	-147	-131	-29	146	312	429	466	426	352	321
361	458	572	678	699	591	399	190	18	-92	-149	-170	-125	-46	26	85	151	234	242	181
36	-187	-454	-724	-821	-973	-836	-525	-210	-90	-134	-206	-301	-384	-329	-158	-8	97	197	302
412	509	529	448	251	63	-61	-167	-178	-73	29	71	181	368	594	774	850	717	384	-4
-326	-642	-910	-995	-846	-648	-559	-518	-454	-420	-440	-456	-449	-410	-366	-315	-252	-254	-300	-338
-319	-252	-166	-69	27	74	152	340	623	828	749	435	51	-165	-146	-56	259	704	1005	866
470	76	-188	-344	-374	-245	-42	45	5	-61	-160	-366	-532	-514	-367	-220	-153	-210	-377	-492
-498	-458	-362	-213	-48	70	128	114	73	85	183	274	319	307	300	357	524	787	986	1030
983	796	461	126	-34	-11	121	261	310	292	234	138	8	-106	-146	-117	-13	101	155	134
95	19	-103	-216	-311	-374	-434	-527	-603	-643	-651	-602	-441	-163	210	526	750	951	1086	1039
752	377	184	86	-24	-176	-290	-353	-344	-181	102	309	380	412	414	384	374	432	489	509
493	422	279	138	18	-145	-293	-400	-489	-537	-626	-717	-775	-773	-700	-489	-111	228	454	613
753	817	722	461	70	-341	-619	-828	-860	-710	-475	-323	-263	-159	-83	-3	163	380	614	811
856	764	685	622	501	310	114	-128	-412	-624	-670	-618	-496	-341	-168	-32	9	-79	-189	-248
-203	-84	87	177	205	112	-59	-249	-441	-513	-466	-409	-380	-384	-393	-388	-333	-178	5	180
325	338	268	83	-3	-61	-103	-146	-187	-229	-257	-263	-221	-123	54	167	253	303	281	155
-14	-185	-287	-335	-327	-303	-258	-249	-299	-379	-458	-531	-561	-537	-483	-427	-379	-343	-322	-261
-190	-105	-47	13	73	134	168	161	131	56	-42	-115	-143	-99	20	161	293	359	367	333
274	187	89	-34	-113	-163	-203	-208	-199	-172	-145	-111	-66	11	64	87	110	125	138	148

144	125	94	69	64	64	69	68	61	63	74	51	39	80	186	306	476	632	745	830
870	791	543	333	269	296	345	375	395	375	347	311	282	249	210	152	70	0	-9	-3
33	118	201	233	233	191	131	50	-38	-110	-160	-158	-122	-73	-18	22	36	64	96	143
212	255	268	254	208	127	28	-53	-124	-175	-203	-172	-91	11	92	143	175	157	119	55
-5	-78	-108	-130	-165	-202	-257	-340	-415	-486	-525	-530	-508	-482	-472	-491	-530	-592	-638	-656
-643	-616	-575	-497	-371	-212	-73	-42	-79	-130	-194	-245	-263	-235	-184	-128	-73	-20	21	37
47	53	59	93	136	164	168	129	3	-128	-187	-189	-153	-100	-26	69	160	196	214	205
146	74	34	14	-4	-46	-95	-135	-158	-169	-159	-133	-96	-54	-22	7	41	89	194	316
415	472	518	564	555	566	539	524	510	500	485	470	458	450	435	397	336	294	285	294
313	362	414	428	402	339	273	211	170	133	93	51	0	-67	-115	-134	-106	-18	95	189
244	252	205	102	-28	-145	-226	-251	-237	-206	-170	-141	-128	-118	-100	-63	-19	-6	-23	-67
-130	-203	-268	-295	-277	-211	-133	-79	-72	-102	-179	-301	-473	-571	-642	-664	-634	-541	-459	-416
-387	-383	-370	-332	-254	-154	-81	-59	-64	-95	-142	-190	-223	-252	-283	-333	-396	-418	-405	-358
-261	-146	-64	-7	8	-19	-64	-125	-194	-246	-259	-239	-188	-121	-54	9	55	95	118	124
89	47	11	-34	-67	-77	-72	-49	3	79	154	209	253	268	275	275	258	239	234	251
285	325	375	394	391	393	400	423	452	499	515	493	455	406	342	280	253	251	248	237
232	241	258	263	268	263	241	221	211	206	188	164	137	106	73	46	25	-5	-40	-64
-87	-88	-64	-39	-15	-1	-9	-48	-100	-151	-192	-202	-174	-127	-75	-40	-39	-63	-101	-138
-156	-161	-177	-216	-261	-291	-297	-262	-210	-154	-117	-104	-131	-183	-245	-299	-336	-357	-359	-338
-276	-225	-200	-210	-254	-303	-337	-350	-330	-295	-252	-202	-151	-114	-82	-45	-19	-16	-46	-86
-137	-184	-208	-205	-166	-99	-41	-7	5	-6	-19	-31	-39	-37	-17	26	64	96	127	150
158	153	124	65	24	10	34	98	177	251	290	301	310	329	359	391	405	383	342	300
275	268	295	352	407	436	430	397	373	367	372	373	365	336	290	252	239	235	229	215
204	192	185	184	177	154	113	56	3	-40	-77	-100	-100	-84	-51	-28	-2	19	25	10
-16	-28	-38	-61	-93	-123	-143	-144	-134	-134	-153	-187	-202	-176	-117	-27	52	94	78	10
-76	-153	-196	-224	-247	-282	-322	-349	-378	-403	-425	-425	-432	-456	-487	-507	-527	-515	-481	-449
-407	-378	-358	-342	-318	-294	-275	-257	-250	-260	-283	-305	-322	-332	-334	-323	-311	-290	-253	-197
-118	-29	35	76	103	113	107	94	76	56	36	27	22	11	-1	-22	-48	-78	-102	-97
-68	-31	9	29	31	47	78	108	144	194	242	277	292	286	281	-22	293	318	355	394
426	438	435	423	414	376	364	362	354	355	354	359	364	375	397	417	437	443	432	394
349	309	287	285	298	307	299	267	223	178	148	150	171	195	214	214	189	140	89	49
29	25	34	51	73	97	113	124	130	125	110	81	43	16	-10	-43	-75	-97	-109	-113
-116	-124	-135	-149	-161	-168	-186	-190	-193	-202	-223	-243	-276	-325	-375	-409	-416	-396	-370	-340
-323	-328	-332	-330	-321	-304	-291	-287	-295	-308	-326	-344	-346	-339	-326	-308	-282	-251	-221	-199
-183	-173	-171	-171	-160	-145	-130	-116	-100	-83	-64	-51	-48	-54	-65	-77	-86	-99	-121	-148
-168	-180	-184	-184	-180	-164	-126	-84	-39	12	45	57	50	32	19	24	41	70	103	132
148	159	175	191	220	261	300	339	357	355	339	329	330	340	358	375	388	385	358	324
304	288	262	236	211	191	171	151	136	123	117	125	132	133	132	121	97	60	30	11
-7	-18	-31	-36	-35	-34	-28	-14	-2	10	32	51	60	59	51	38	27	22	38	67
100	118	115	88	49	9	-17	-44	-74	-111	-142	-168	-187	-203	-204	-201	-194	-184	-180	-191
-206	-216	-226	-236	-245	-259	-289	-320	-341	-344	-343	-347	-345	-326	-292	-257	-234	-211	-199	-202
-218	-240	-247	-235	-211	-182	-148	-109	-70	-38	-23	-28	-42	-60	-78	-97	-105	-97	-72	-43
-17	4	17	20	19	13	3	-1	-3	-5	-12	-29	-39	-52	-55	-37	-5	34	79	107
124	145	155	156	156	155	150	145	146	156	179	204	231	260	290	314	338	356	358	345
317	294	274	264	266	280	293	297	294	286	276	261	240	207	177	155	133	119	105	101
115	135	154	164	167	170	174	174	171	158	135	107	90	87	100	124	141	155	155	151
155	163	178	203	213	200	167	127	88	59	47	35	25	13	-3	-19	-34	-47	-60	-78
-106	-141	-178	-209	-227	-235	-224	-123	-205	-199	-194	-193	-204	-222	-236	-246	-254	-258	-262	-268
-261	-242	-216	-189	-165	-153	-155	-160	-172	-184	-188	-176	-156	-136	-128	-131	-137	-154	-167	-184
-203	-208	-206	-207	-207	-208	-208	-211	-215	-232	-249	-258	-272	-278	-278	-276	-275	-272	-264	-248

IIIN189 71.085.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 441 1880 CENTURY PARK EAST, 7TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0410 SEC DAMPING = 0.559 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 121.0 CM/SEC/SEC AT 7.62 SEC VELO = -5.5 CM/SEC AT 22.12 SEC DISP = -1.8 CM AT 22.72 SEC

INITIAL VELO = -0.60457 CM/SEC INITIAL DISP = -0.18147 CM

2786 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

38	142	147	88	3	-47	-67	-19	48	9	-70	-56	4	61	119	101	50	92	95	60
43	-16	-83	-115	-144	-115	-56	-44	-68	-27	50	150	243	272	191	30	-91	-116	-108	-100
-99	-54	8	-44	-156	-74	198	357	313	74	-144	-162	-93	-24	-37	-231	-393	-259	45	310
316	68	-109	-24	177	-74	91	-57	-94	-73	-127	-189	-131	-39	0	51	77	56	-14	-22
11	-82	-219	-131	82	74	-127	-272	-200	140	352	254	113	72	18	-76	-107	-110	-133	-76
18	128	209	161	55	-36	-125	-132	-63	-121	-255	-281	-238	-65	214	348	210	34	-2	35
45	42	24	-51	-155	-140	-86	-69	-52	20	100	62	37	145	221	109	-68	-242	-337	-245
-34	22	-31	-43	45	184	265	334	349	197	-95	-276	-221	-64	41	36	-62	-89	2	116
164	87	-6	39	128	91	-44	-158	-182	-57	52	56	98	139	13	-87	-72	-78	-68	24
68	132	236	249	145	19	-86	-149	-124	-75	-118	-140	-29	93	99	62	62	66	55	-65
-215	-167	-2	93	98	-22	-229	-241	-22	158	196	186	200	252	274	206	44	-127	-170	-76
-56	-183	-166	-14	103	157	144	5	-208	-285	-174	-54	-36	-16	40	56	-44	-130	-55	32
93	159	178	102	53	86	91	69	-18	-195	-257	-185	-72	-73	-229	-230	-73	38	58	60
64	50	38	-3	-23	19	50	5	-111	-146	-91	-15	43	0	-19	136	290	309	179	-24
-266	-299	-282	-276	-154	23	170	241	205	125	98	137	108	-47	-233	-304	-187	14	76	17
-85	-222	-315	-179	99	151	86	44	27	41	54	62	-188	-188	-253	-118	161	267	251	258
272	219	105	-21	-119	-146	-67	42	-39	-210	-273	-224	-253	-277	-162	47	233	361	409	330
127	-56	-212	-257	-264	-185	-135	-205	-191	-19	130	244	253	194	129	-104	-272	-136	178	162
-49	-106	-139	-157	-22	172	397	529	531	511	416	136	-212	-414	-432	-459	-534	-567	-332	161
660	1210	1188	742	220	-274	-565	-287	-112	-366	-606	-513	-202	66	222	339	349	345	137	-173
-322	-282	-139	-181	-335	-425	-261	194	415	440	272	85	5	80	55	-48	-6	188	342	334
204	-10	-114	-24	167	159	-50	-243	-292	-341	-403	-373	-246	-23	204	266	275	128	-85	-263
-347	-393	-622	-421	-291	-77	80	144	177	189	225	202	27	-230	-354	-252	-40	38	-110	-156
28	229	367	322	195	100	163	301	374	225	116	178	264	178	-105	-302	-232	13	225	330
338	276	250	77	-301	-599	-517	-236	-155	-338	-606	-536	-108	309	529	419	80	-198	-290	-184
-9	113	172	120	-62	-290	-254	111	393	346	116	37	121	240	282	160	-138	-252	-186	-69
57	151	99	-88	-364	-458	-299	-25	146	154	-48	-215	-144	-5	-23	-118	-207	-263	-171	48
224	281	269	120	-190	-409	-371	-253	-200	-114	61	230	269	143	74	90	157	181	236	339
386	316	204	129	89	-13	-133	-215	-165	-4	182	244	186	110	40	-96	-279	-361	-287	-217
-146	-32	94	102	69	-50	-288	-455	-486	-455	-350	-205	-72	101	231	248	229	220	282	255
93	-71	-118	-171	-195	-229	-216	-127	15	176	255	248	265	260	261	246	173	221	229	193
214	247	250	186	51	-171	-451	-542	-446	-167	62	23	-80	-161	-240	-139	56	241	262	179
68	55	107	151	50	-152	-255	-246	-146	-4	52	97	59	43	135	215	166	-14	-119	-21
76	129	24	-107	-209	-93	108	151	54	-98	-129	-105	-52	-66	-123	-209	-174	-100	-36	-21
-2	-15	-48	-46	12	27	-20	-128	-241	-258	-205	-48	36	86	158	218	301	409	433	396
227	-2	-109	-107	-72	-35	-45	-70	4	124	126	66	83	214	348	337	239	136	144	202
159	-2	-191	-250	-177	-122	-97	-72	-28	15	-19	-135	-290	-403	-345	-186	-124	-121	-130	-117
-52	-13	-12	-24	-32	37	87	70	16	-78	-159	-162	-70	9	6	7	103	270	352	303
200	85	-39	-83	-45	-17	2	-34	-99	-149	-140	-79	3	83	69	16	-57	-111	-67	-25
-1	18	20	9	16	20	20	23	36	63	89	80	24	-37	-92	-141	-171	-175	-124	-47

77	172	203	183	96	-106	-268	-291	-234	-134	-90	-66	-25	4	23	12	27	38	41	23
4	-115	-125	-148	-170	-170	-155	-150	-72	-8	76	113	127	120	96	13	-78	-98	-39	57
102	106	86	94	124	183	247	238	154	9	-103	-97	-53	-21	5	34	64	78	85	108
131	116	43	-56	-126	84	10	92	118	95	45	18	14	4	-39	-74	-73	-36	-14	-25
-79	-129	-172	-177	-136	-74	-4	42	75	88	75	68	45	32	30	29	74	74	119	166
170	125	41	-57	-95	-91	-41	21	-31	-6	6	8	31	94	143	119	26	-72	-118	-59
38	124	129	76	32	78	155	236	230	175	110	37	-40	-123	-184	-215	-238	-207	-86	40
137	192	161	103	17	-47	-98	-174	-235	-239	-200	-140	-88	-32	7	38	83	120	130	84
55	25	-2	-113	-183	-222	-204	-149	-110	-90	-60	-18	20	4	-42	-75	-69	-41	-21	-21
-23	-19	-26	-42	-33	-10	17	14	-8	4	36	70	121	142	107	62	52	41	15	-17
-46	-46	-2	56	111	147	188	217	214	182	128	64	-5	-74	-107	-107	-100	-94	-61	3
55	76	72	71	83	92	60	2	-59	-104	-89	-80	-67	-25	23	85	129	136	85	26
-52	-113	-179	-195	-163	-121	-56	-27	28	117	116	66	33	1	-21	2	-14	-62	-70	-34
34	84	81	24	-58	-86	-69	-48	-37	-80	-97	-79	-53	-21	-15	-19	-26	-37	-42	-48
-61	-89	-112	-150	-154	-115	-50	-17	-27	-71	-136	-152	-114	-61	-22	-29	-58	-79	-80	-74
-82	-118	-149	-162	-143	-93	-29	37	93	147	182	98	80	96	85	31	-8	-42	-48	13
68	132	159	156	162	160	164	162	149	114	182	16	0	21	71	147	219	243	232	187
144	98	57	11	-34	-43	-24	9	48	69	45	15	4	13	17	3	-5	-19	-30	-22
-37	-58	-78	-99	-84	-26	33	69	43	-40	-124	-168	-146	-76	-38	-39	-62	-47	-8	27
54	42	-7	-50	-74	-49	-39	-51	-62	-61	-55	-28	14	41	37	13	-10	-23	-3	32
58	88	108	124	136	133	113	87	56	27	8	1	-16	-26	-5	10	16	9	18	14
-22	-62	-81	-68	-39	-8	16	35	34	24	-7	-38	-42	-29	-5	-13	-32	-29	-9	16
31	34	36	10	-26	-43	-47	-17	0	-18	-64	-90	-87	-51	-18	11	15	4	-12	-30
-28	-28	-34	-39	-42	-37	-11	13	33	49	62	77	73	57	47	41	43	43	18	-10
-39	-69	-65	-51	-6	41	73	83	71	23	12	21	14	-33	-74	-85	-91	-107	-116	-90
-49	-12	7	9	-5	-20	-35	-28	-21	-2	17	2	-26	-17	37	99	124	94	43	2
-9	-1	-9	-29	-33	-15	5	19	29	32	38	56	59	37	7	-17	-43	-69	-84	-56
9	79	123	114	89	65	50	48	23	-23	-63	-55	-23	20	61	87	90	111	103	63
30	5	8	9	-3	-13	-18	-8	20	42	24	-43	-95	-106	-93	-69	-66	-93	-122	-140
-142	-148	-154	-183	-171	-123	-50	-6	13	-17	-20	-38	-84	-108	-127	-134	-130	-96	-56	-27
-34	-45	-40	-22	9	23	27	25	13	9	5	4	0	-17	-41	-38	-3	38	76	103
112	87	41	-19	-52	-45	-6	44	98	123	118	104	79	40	6	-24	-29	-9	7	5
7	14	3	-7	-22	-25	12	66	108	138	127	115	96	82	43	4	-26	-33	-28	4
54	110	147	138	99	56	19	14	11	8	8	7	11	17	16	4	-7	-22	-31	-32
-31	-46	-47	-41	-18	-1	-17	-39	-56	-68	-61	-36	-8	8	7	1	-10	-15	-3	26
59	71	65	81	108	131	133	119	94	55	24	-7	-12	-1	9	35	46	48	48	48
47	40	12	-10	-13	5	26	34	37	32	22	8	-10	-24	-26	-25	-30	-38	-37	-30
-27	-34	-37	-33	-28	-25	-26	-29	-28	-27	-21	-16	-22	-30	-23	-3	19	30	27	3
-19	-17	-17	-20	-41	-71	-88	-82	-63	-41	-30	-25	-21	-18	-30	-57	-83	-96	-78	-60
-52	-46	-32	-25	-25	-21	-32	-45	-50	-60	-61	-46	-36	-34	-34	-47	-55	-59	-59	-29
7	42	61	38	-15	-57	-74	-70	-59	-56	-49	-35	-20	-11	-17	-26	-25	-16	-8	-15
-15	8	28	18	-27	-71	-78	-47	-15	4	7	27	38	30	10	-16	-28	-10	18	51
64	59	48	43	43	40	33	30	32	41	41	37	48	63	75	33	40	11	7	12
28	58	91	114	125	105	71	53	59	73	76	70	64	55	43	33	33	44	50	39
26	16	33	73	96	84	60	31	7	11	12	-2	-33	-39	-15	22	34	17	0	-15
-15	-31	-55	-52	-44	-30	-24	-13	-6	7	10	-3	-13	-24	-25	-28	-34	-60	-73	-36
-56	-31	-21	-16	-16	-35	-49	-53	-61	-60	-61	-69	-73	-72	-52	-24	0	3	-16	-36
-46	-31	-8	0	-2	-20	-24	-27	-22	-2	0	9	10	13	16	-24	16	-8	-30	-41
-34	-28	-18	-6	-3	-2	-8	-17	-19	-8	3	6	-1	-7	-5	4	10	4	0	13
24	24	11	1	11	27	47	58	50	43	46	55	69	92	100	89	68	53	50	56

62	53	41	37	32	35	39	37	35	31	28	29	32	38	29	15	12	14	17	20
16	19	22	12	-10	-23	-26	-21	-21	-27	-26	-19	-17	-22	-43	-50	-40	-23	-13	-18
-36	-58	-53	-49	-60	-75	-80	-48	-28	-22	-58	-92	-102	-76	-69	-49	-34	-28	-11	-7
-20	-20	-27	-62	-87	-107	-95	-73	-46	-25	-7	0	5	-37	-34	-36	-26	-15	-10	-12
-9	-14	-13	-20	-21	-11	-19	-34	-34	14	80	124	123	83	39	1	-16	-27	-16	18
50	60	53	39	32	37	19	3	-4	-3	7	40	63	82	86	73	36	2	-14	-13
-11	-1	7	29	46	59	55	21	-16	-43	-37	23	73	98	82	42	13	10	27	38
25	-5	-8	10	54	70	59	38	24	24	13	7	3	6	23	28	28	22	9	5
8	-1	-13	-23	-36	-51	-54	-60	-60	-55	-38	-14	-13	-22	-14	1	8	11	3	-11
-17	-15	-24	-35	-43	-34	-18	-10	-2	12	32	36	30	27	11	-3	-14	-15	-12	-11
-13	-20	-33	-32	-20	-5	9	9	1	6	-13	-41	-68	-99	-103	-101	-99	-95	-79	-40
-7	-3	-5	-7	-8	-17	-28	-43	-54	-47	-19	1	17	22	23	23	20	19	21	27
35	50	51	43	15	-2	-21	-37	-35	-17	4	25	37	33	18	17	18	9	-1	-19
-23	-14	0	7	17	30	6	-18	-46	-68	-52	-29	-20	-30	-13	-18	-18	2	11	16
15	25	35	46	62	53	46	24	9	2	8	5	8	19	29	40	59	64	53	46
26	-9	-3	1	1	-6	-10	-3	11	26	36	38	24	7	-10	2	12	9	6	-3
-10	-29	-46	-45	-15	13	33	21	0	1	18	40	40	25	1	-3	4	16	25	21
15	11	6	7	10	23	28	26	26	33	37	35	28	20	27	35	31	26	19	12
4	-1	-3	-4	-10	-11	-4	12	31	42	-24	-22	-16	-9	-5	7	8	-12	-25	-23
-18	-22	-19	-12	-3	-6	-27	-40	-43	-36	-24	-22	-24	-28	-31	-17	5	11	0	0
-6	-11	-10	-1	16	6	-16	-22	-14	-9	-13	-12	-13	-12	-17	-29	-28	-23	-23	-29
-35	-34	-28	-19	-15	-23	-36	-36	-31	-24	-11	5	-23	5	-8	-9	-8	-6	-3	-1
-3	0	1	-2	-11	-14	-22	-32	-31	-17	-22	-26	-23	7	13	8	7	3	5	11
14	16	20	26	26	28	28	16	3	3	9	8	6	7	0	-16	-12	-1	11	13
4	-7	-12	-4	4	4	5	4	8	8	7	3	-1	2	12	10	3	6	10	17
7	0	-15	-27	-30	-17	-6	4	13	17	13	15	21	25	19	8	-5	-10	-15	17
-21	-27	-29	-28	-26	-21	-10	-2	1	-1	-8	-19	-23	-23	-18	-19	-23	-13	4	26
28	15	0	-13	-20	-19	-14	-10	-3	2	6	9	16	23	19	12	4	-2	1	4
5	9	4	2	8	17	26	32	36	33	25	17	10	11	24	29	16	11	10	17
32	37	42	44	39	34	14	-6	-17	-17	-18	-18	-14	-13	-11	-1	5	-3	-10	-15
-24	-31	-22	-11	-3	-2	-9	-21	-32	-41	-42	-41	-35	-22	-11	-8	-12	-24	-27	-14
-1	3	-2	-2	-1	5	12	6	2	0	2	3	5	8	7	7	7	7	7	7
11	15	17	10	2	-7	-12	-7	-1	-6	-24	-34	-37	-32	-25	-21	-17	-11	-18	-12
-15	-19	-24	-27	-29	-23	-14	-6	-11	-10	-7	-8	-5	-1	1	0	-4	-7	-2	2
5	12	22	32	31	20	14	16	19	18	16	16	19	23	27	30	31	28	28	28
26	25	28	29	30	30	32	31	32	38	42	40	31	29	24	25	25	18	10	9
13	18	16	14	17	16	14	15	10	10	11	8	2	0	0	4	6	12	14	9
0	-2	1	4	17	27	27	20	13	11	6	-2	-10	-15	-14	-8	-4	-2	3	6
0	-1	-4	-5	-9	-13	-17	-21	-31	-36	-30	-24	-18	-12	-13	-15	-17	-16	-12	-15
-21	-24	-21	-6	4	2	-1	-5	-9	-7	0	5	-1	-13	-20	-21	-10	-5	-4	-2
-3	-9	-13	-7	-7	-6	0	7	9	-6	-19	-29	-21	-12	-14	-18	-22	-23	-14	-2
8	12	2	-11	-18	-11	-2	7	10	6	-4	-8	-6	6	13	9	3	2	3	2
1	-1	-3	-6	-11	-15	-13	-7	-3	-6	-7	-11	-17	-18	-11	-8	-13	-13	-9	-7
-7	-10	-11	-11	-12	-11	-8	-5	-9	-12	-14	-15	-13	-16	-16	-14	-5	0	-4	-10
-17	-19	-21	-22	-21	-13	-6	-8	0	3	-1	-1	-3	-8	-14	-15	-15	-14	-9	-3
-2	2	12	13	8	4	-1	-1	-1	-1	-3	-7	-9	0	3	4	-1	-1	-4	2
6	6	8	7	3	-6	-8	-2	3	16	26	39	41	39	38	35	33	30	27	28
27	28	28	30	35	38	41	41	39	38	37	35	29	21	22	25	24	21	21	22
26	31	32	25	22	19	19	9	4	1	3	5	5	5	-2	-3	0	2	4	3
7	12	10	11	10	12	15	9	4	1	3	5	5	2	-2	-3	0	2	4	3

IIIN190 71.086.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 442 1880 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL. COMP N54E 34 03 44N, 118 24 50W
 INSTR PERIOD = 0.0400 SEC DAMPING = 0.607 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACLN = -113.2 CM/SEC/SEC AT 12.70 SEC VELO = -36.5 CM/SEC AT 14.06 SEC DISP = -22.8 CM AT 14.86 SEC

INITIAL VELO = 0.24484 CM/SEC INITIAL DISP = 0.40694 CM

2807 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

6	16	-4	-17	-29	-30	-12	-2	2	3	9	15	11	12	-1	-14	-26	-32	-32	-17
-10	-2	-1	-4	-4	-7	-10	-12	2	14	21	21	22	20	7	-14	-25	-36	-49	-50
-37	-11	10	41	66	77	65	16	-34	-63	-78	-69	-42	-14	-3	-16	0	31	59	51
30	-19	-30	-7	17	36	47	30	10	-25	-51	-27	3	15	9	31	37	29	29	18
-8	-51	-72	-59	-55	-10	16	44	69	68	-22	-24	-49	-49	-33	-11	23	48	42	26
20	-2	-63	-77	-56	-46	-40	-15	5	7	12	29	27	10	-9	-26	-44	-31	-4	27
44	43	13	-13	-28	-19	0	15	24	33	14	-14	-11	-27	-54	-96	-116	-107	-77	-35
20	38	37	34	33	18	5	8	-3	-26	-13	4	27	53	56	28	4	-12	-4	-1
-11	-20	-16	-15	-22	-21	-22	-28	-21	-27	-44	-44	2	53	56	54	57	42	17	8
6	10	-22	-58	-37	-16	-12	-11	-24	-59	-56	-34	2	52	76	80	71	33	-1	-7
10	25	31	36	36	58	107	151	153	105	41	-10	-35	-43	-8	18	25	13	-9	-41
-83	-102	-88	-77	-68	-46	-1	35	68	69	61	49	43	30	23	60	85	98	92	94
90	64	42	45	44	40	42	27	23	25	7	12	2	-16	-49	-69	-69	-41	-11	12
16	15	10	-15	-60	-77	-64	-66	-79	-49	-17	26	68	76	55	-36	10	45	58	32
54	89	114	99	82	58	57	81	122	136	101	35	-43	-98	-88	-46	-24	-13	27	98
2	-19	-15	23	7	-32	-75	-108	-132	-119	-87	-55	-57	-80	-68	-306	317	310	265	165
153	175	184	129	75	-31	-129	-156	-210	-177	-73	27	121	213	269	306	201	231	196	136
58	-16	-50	-107	-136	-154	-158	-178	-192	-173	-150	-79	11	96	154	201	231	196	136	48
-9	-59	-71	-40	-6	31	114	118	79	13	-110	-303	-473	-596	-623	-557	-422	-221	-36	128
289	466	488	519	468	302	97	-31	-160	-293	-380	-372	-246	-107	-103	-68	32	91	54	38
29	52	21	-111	-170	-258	-352	-440	-592	-621	-559	-499	-447	-361	-335	-173	-125	-146	-146	-189
-255	-356	-501	-544	-543	-472	-370	-252	-85	78	154	271	290	257	222	79	-29	-136	-206	-179
-147	-6	127	117	78	58	100	91	145	231	366	411	391	347	256	175	132	43	-18	-73
-101	-40	27	65	140	301	442	455	384	285	137	53	64	37	61	179	265	230	156	107
120	112	42	23	33	42	73	100	33	-23	-100	-230	-348	-479	-602	-671	-579	-405	-247	-94
46	149	161	82	-18	-67	-80	-82	-72	-48	-2	55	145	226	323	404	514	592	554	594
684	733	713	660	610	640	562	398	280	214	142	36	97	220	391	469	448	367	258	103
-66	-189	-204	-151	-79	0	84	103	43	-21	-152	-330	-387	-411	-394	-285	-142	33	166	172
164	170	211	187	163	177	252	339	405	424	395	329	233	149	99	104	147	186	214	254
295	277	205	143	106	64	6	-41	-90	-114	-157	-216	-307	-399	-452	-437	-373	-271	-130	-9
65	124	182	241	273	279	235	169	119	82	31	-72	-214	-350	-408	-385	-346	-272	-126	53
193	283	375	459	514	469	368	274	170	3	-201	-446	-702	-887	-1031	-1132	-1080	-884	-727	-616
-533	-492	-469	-394	-299	-275	-261	-250	-291	-342	-388	-472	-579	-636	-682	-772	-801	-740	-658	-547
-460	-383	-314	-289	-291	-296	-314	-344	-370	-425	-480	-543	-629	-682	-655	-583	-482	-370	-265	-158
-55	30	101	188	258	259	147	51	-9	-105	-236	-244	-258	-278	-311	-294	-326	-380	-318	-284
-232	-126	-55	-7	52	111	150	173	197	221	245	269	298	341	376	378	413	472	502	531
527	511	498	489	467	466	501	534	563	589	610	610	586	554	531	548	559	553	576	588
623	668	676	695	707	693	687	687	687	601	543	446	380	361	361	340	303	283	226	187
157	125	126	153	216	327	404	417	432	459	458	427	398	403	407	397	356	274	212	171
121	67	22	-4	-12	-14	-21	-15	10	29	40	55	61	38	-13	-81	-125	-159	-195	-204

-196	-187	-180	-182	-201	-230	-251	-271	-289	-294	-280	-272	-287	-311	-340	-385	-444	-505	-557	-596
-617	-646	-667	-672	-669	-665	-658	-636	-598	-562	-522	-474	-437	-396	-351	-292	-230	-176	-143	-123
-106	-101	-96	-92	-90	-78	-52	-23	-3	2	5	-2	-40	-97	-158	-217	-266	-304	-331	-340
-335	-318	-294	-269	-245	-214	-166	-129	-110	-78	-33	2	21	30	38	48	57	54	49	59
75	82	89	106	135	167	199	234	255	257	238	203	174	156	142	129	136	160	175	172
177	193	210	234	275	333	413	498	593	681	749	769	707	572	439	328	257	192	142	94
47	4	-38	-75	-93	-110	-132	-163	-191	-225	-249	-261	-264	-269	-276	-286	-303	-313	-315	-311
-276	-239	-209	-179	-154	-144	-143	-132	-117	-109	-110	-105	-94	-88	-93	-95	-101	-121	-154	-191
-218	-248	-270	-270	-245	-207	-154	-102	-59	-35	-39	-44	-50	-49	-33	-16	5	28	49	56
58	57	54	42	16	-19	-37	-54	-68	-77	-70	-56	-50	-53	-52	-50	-47	-40	-33	-24
-8	2	9	20	44	71	103	133	149	162	175	187	196	216	241	261	273	270	257	230
198	177	183	203	213	226	251	269	283	299	321	327	333	326	302	280	262	253	233	214
205	194	164	138	126	124	120	109	96	90	77	52	15	-22	-49	-79	-111	-144	-171	-195
-219	-252	-291	-333	-372	-403	-423	-422	-392	-362	-329	-294	-266	-257	-259	-256	-243	-221	-196	-167
-135	-105	-83	-63	-44	-30	-29	-28	-13	12	22	30	37	43	42	35	28	25	29	38
61	81	89	99	116	124	122	116	105	80	50	8	-25	-36	-41	-30	-15	2	14	2
2	26	34	37	58	87	119	148	172	203	221	241	265	284	302	304	281	245	204	160
130	121	101	97	108	110	106	96	81	64	79	64	51	36	26	10	-4	-5	3	14
12	18	30	31	27	26	26	24	26	30	35	48	58	60	64	59	54	42	18	-1
-19	-44	-66	-79	-93	-103	-108	-123	-154	-176	-198	-229	-254	-277	-289	-292	-276	-254	-242	-233
-230	-232	-242	-249	-263	-278	-295	-318	-338	-349	-350	-352	-356	-361	-366	-365	-364	-360	-353	-351
-347	-344	-344	-338	-327	-318	-309	-300	-279	-266	-252	-216	-184	-147	-115	-83	-64	-50	-36	-18
-9	4	14	16	29	44	53	69	85	102	124	147	166	175	179	187	206	229	236	220
202	188	187	192	199	207	211	202	190	176	171	182	188	202	219	235	253	275	306	330
354	375	390	395	389	398	424	447	472	489	498	494	484	470	451	439	435	426	409	411
420	408	388	363	336	305	269	223	187	160	132	106	83	68	65	55	43	33	25	14
-5	-28	-47	-66	-74	-80	-94	-77	-51	-52	-52	-38	-42	-42	-50	-52	-48	-45	-63	-87
-110	-145	-188	-236	-274	-300	-320	-329	-327	-311	-291	-264	-244	-218	-199	-187	-171	-172	-185	-194
-198	-208	-224	-239	-254	-264	-281	-303	-317	-318	-325	-327	-322	-320	-317	-315	-307	-314	-343	-361
-374	-389	-407	-413	-406	-397	-379	-359	-338	-315	-295	-278	-263	-244	-227	-212	-194	-169	-151	-137
-117	-87	-64	-44	-31	-23	0	27	53	71	83	79	70	65	62	47	49	57	60	62
77	97	114	136	157	183	207	220	219	201	190	183	185	182	174	179	180	173	178	183
187	185	166	163	164	164	171	195	219	236	241	253	259	261	267	279	286	299	316	324
333	345	361	371	377	373	367	369	371	370	391	404	396	359	330	292	252	206	168	134
105	74	44	18	-2	-27	-43	-53	-63	-66	-61	-51	-50	-41	-30	-22	-27	-34	-53	-61
-80	-98	-126	-144	-165	-184	-207	-227	-243	-255	-253	-260	-261	-256	-260	-263	-266	-280	-283	-286
-289	-270	-245	-237	-228	-223	-230	-241	-235	-236	-235	-236	-218	-208	-204	-193	-186	-182	-184	-196
-201	-211	-219	-220	-215	-220	-223	-227	-235	-255	-266	-269	-271	-254	-229	-204	-182	-167	-150	-139
-135	-126	-114	-102	-92	-72	-61	-44	-31	-20	-5	13	33	43	60	89	115	132	149	169
191	210	223	240	250	258	262	271	276	292	304	321	340	349	333	310	309	289	262	233
209	205	196	178	175	187	188	192	204	206	213	211	201	197	191	187	177	171	166	162
153	156	167	191	207	225	227	241	252	270	281	294	292	286	273	268	259	259	251	247
238	240	229	222	206	198	185	166	152	130	112	98	85	79	72	57	49	44	26	17
-1	-17	-38	-59	-69	-81	-95	-112	-128	-144	-160	-176	-186	-187	-179	-186	-190	-185	-190	-192
-196	-199	-209	-219	-237	-258	-279	-294	-300	-315	-332	-354	-386	-409	-436	-436	-439	-441	-428	-413
-408	-411	-419	-419	-419	-423	-426	-427	-422	-423	-436	-439	-439	-439	-439	-439	-438	-430	-413	-399
-386	-381	-372	-360	-343	-319	-302	-293	-279	-272	-268	-262	-248	-245	-242	-231	-210	-185	-168	-151
-128	-115	-99	-83	-71	-61	-48	-43	-28	-12	2	20	35	46	61	66	72	68	67	76
82	92	109	131	159	186	212	225	257	280	299	316	341	369	398	427	448	465	483	489
503	520	535	556	577	589	599	615	628	645	657	658	654	651	641	631	624	614	610	600

II190 71-086-0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 442 1880 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL.
INSTR PERIOD = 0.0370 SEC DAMPING = 0.474 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 125.7 CM/SEC/SEC AT 10.26 SEC VELO = -36.1 CM/SEC AT 21.40 SEC DISP = -16.3 CM AT 27.88 SEC

2810 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																		
INITIAL VELO = 1.47954 CM/SEC					INITIAL DISP = 0.20396 CM													
-12	-32	-55	-68	-57	-35	-17	-3	6	7	4	-5	-5	-8	-24	-43	-48	-42	-30
-25	-31	-28	12	17	15	13	19	27	32	22	6	-9	-23	-45	-51	-31	-15	-13
-14	13	44	70	67	37	-4	-66	-127	-126	-63	-31	-22	-22	-17	-25	-27	84	98
57	13	-14	-27	-38	-13	6	13	30	49	64	48	0	-17	-20	-31	-40	-55	-55
-61	-72	-90	-68	12	27	39	33	0	-29	-57	-52	-20	24	7	-31	-55	-42	-17
-2	21	25	-8	-137	-129	-127	-120	-94	-40	35	63	71	83	58	-15	-53	-62	-48
-41	-50	-41	10	103	97	103	60	-30	-101	-114	-98	-106	-111	-117	-110	-82	-46	-23
26	64	51	22	30	32	29	24	25	28	53	89	91	74	61	49	47	52	46
24	-24	-86	-71	4	24	34	26	20	0	-12	13	53	80	70	31	-1	6	16
19	40	44	1	-79	-69	-51	-13	4	-14	-14	45	104	156	172	119	52	8	-23
-10	36	64	74	95	100	114	132	125	81	19	-5	21	38	18	-34	-81	-110	-117
-129	-120	-92	-74	-74	-74	-70	-53	-39	-26	-8	12	35	83	144	157	137	121	104
86	66	64	66	71	10	-28	-36	-45	-60	-73	-90	-104	-81	-84	-102	-97	-57	-33
-35	-62	-100	-117	-121	-72	10	91	152	176	162	152	127	102	132	175	179	144	83
42	32	25	0	-14	-9	-21	-44	-48	-43	-47	-62	-70	-37	36	98	148	148	133
69	0	-96	-181	-225	-204	-115	-14	86	178	179	92	53	56	42	89	152	171	213
226	152	71	29	55	67	119	198	213	226	229	113	-43	-207	-381	-487	-564	-609	-561
-460	-369	-217	-123	25	95	133	163	173	187	164	48	-112	-275	-457	-524	-470	-409	-262
-5	325	647	842	904	834	608	299	133	-19	-344	-695	-648	-393	-197	-87	-16	55	90
46	-38	-176	-280	-486	-724	-762	-602	-420	-219	-109	-73	69	150	33	-108	-134	-300	-543
-693	-706	-561	-350	-106	62	86	-36	-189	-145	134	264	351	572	742	864	758	530	421
423	409	374	279	413	497	443	358	294	191	104	131	-72	-424	-679	-724	-702	-661	-582
-377	-233	-200	-267	-498	-428	-223	-29	156	346	524	601	573	547	524	526	538	624	798
907	886	787	588	204	84	-51	-153	-136	-61	23	52	131	310	361	259	72	-126	-316
-450	-585	-746	-806	-535	-483	-513	-593	-707	-837	-920	-901	-737	-541	-335	-180	-135	-115	-87
-61	-47	-81	-103	-52	-28	23	85	204	465	790	1083	1257	1119	824	516	196	-113	-214
-206	-186	-262	-403	-451	-409	-588	-747	-721	-599	-650	-665	-527	-378	-311	-283	-236	-185	-77
92	145	106	233	466	546	533	494	380	289	271	379	673	885	843	714	570	529	400
198	125	212	289	243	93	29	-2	-20	31	17	-40	-92	-107	-192	-320	-400	-416	-391
-344	-233	-148	-115	-122	-152	-195	-234	-216	-146	-20	143	340	630	915	1085	1097	995	815
660	549	491	524	616	589	529	438	348	275	183	34	-104	-132	-121	-107	-50	5	32
33	-8	-72	-157	-350	-571	-840	-926	-828	-734	-589	-370	-88	54	160	227	267	266	180
19	-84	-139	-309	-661	-576	-448	-305	-208	-279	-312	-182	-154	-185	-113	107	254	483	626
509	443	418	278	-183	-434	-661	-887	-1033	-1079	-1069	-870	-566	-308	-113	115	354	487	493
357	221	234	93	-606	-857	-899	-766	-537	-383	-392	-360	-78	-41	-102	76	405	648	900
1084	994	800	733	278	82	-42	-115	-118	-105	-98	-79	-75	-69	-28	-6	-39	-73	-73
-53	-26	-23	-97	-203	-198	-233	-293	-288	-295	-274	-240	-222	-144	-66	31	122	176	167
99	37	36	-66	-373	-397	-356	-252	-82	9	-15	69	93	71	39	76	35	-61	-130
-142	-97	-151	-203	-146	-205	-257	-303	-346	-417	-392	-441	-494	-472	-413	-370	-308	-251	-172
-66	28	83	123	216	231	230	237	254	277	324	416	563	770	1002	1080	973	795	647

498	290	142	71	16	-61	-124	-180	-153	-71	-24	10	75	147	205	231	207	190	180	201
243	303	331	318	270	199	121	77	51	61	89	163	242	330	421	504	578	606	603	607
607	611	625	660	692	696	671	613	552	504	410	288	178	88	4	-17	-13	-16	-29	-44
-42	-52	-78	-123	-188	-258	-331	-421	-483	-524	-544	-534	-470	-410	-344	-299	-248	-207	-171	-150
-153	-186	-251	-312	-368	-460	-531	-569	-580	-542	-484	-409	-352	-314	-317	-331	-320	-286	-250	-213
-190	-180	-196	-212	-226	-255	-269	-267	-279	-306	-357	-434	-516	-608	-728	-858	-969	-1007	-1000	-999
-962	-867	-763	-670	-598	-550	-505	-450	-406	-356	-311	-266	-203	-129	-43	29	99	174	251	324
383	430	465	436	436	385	319	256	181	145	177	233	294	397	485	586	665	739	794	828
812	764	708	647	649	705	675	605	588	567	510	439	387	373	367	359	374	436	518	622
708	765	781	791	815	821	771	745	732	701	666	634	592	559	530	492	449	403	359	315
276	240	193	141	106	62	11	-47	-114	-187	-250	-308	-379	-455	-506	-483	-397	-307	-242	-211
-202	-251	-340	-443	-532	-622	-686	-723	-759	-791	-799	-726	-682	-676	-691	-721	-803	-872	-906	-939
-935	-882	-788	-719	-652	-600	-577	-584	-641	-725	-825	-935	-998	-1015	-1011	-956	-855	-748	-652	-589
-540	-489	-427	-367	-322	-284	-226	-166	-117	-70	-15	44	81	88	59	50	54	69	104	167
239	323	406	463	486	469	430	385	322	304	334	381	457	536	623	702	784	850	854	788
731	667	603	619	708	810	905	895	879	877	806	717	607	516	463	461	473	498	554	615
691	709	703	722	734	728	708	685	662	634	602	589	557	505	455	393	329	272	193	145
96	52	23	-3	-27	-50	-45	-58	-86	-123	-178	-212	-260	-303	-339	-375	-402	-432	-493	-521
-547	-585	-578	-603	-632	-646	-718	-780	-842	-882	-892	-886	-852	-841	-851	-856	-861	-871	-891	-910
-906	-887	-830	-766	-695	-639	-580	-534	-534	-532	-522	-537	-537	-522	-511	-482	-443	-390	-350	-308
-279	-284	-294	-305	-312	-315	-318	-291	-244	-176	-97	10	93	175	255	317	363	365	344	320
307	302	330	401	461	500	516	524	498	452	409	394	421	454	484	508	552	596	618	618
558	519	502	492	530	566	623	685	744	833	906	955	961	908	816	750	691	660	654	650
628	606	585	562	539	506	462	420	372	318	284	260	253	255	251	245	219	176	123	123
83	52	16	-21	-52	-84	-127	-185	-255	-338	-421	-492	-532	-544	-528	-524	-514	-508	-514	-559
-619	-637	-667	-698	-709	-729	-752	-771	-775	-745	-684	-606	-517	-442	-401	-396	-410	-420	-451	-488
-516	-544	-575	-605	-630	-642	-670	-694	-723	-761	-796	-828	-830	-795	-768	-710	-631	-560	-499	-438
-379	-320	-266	-222	-180	-137	-100	-72	-42	-14	-3	6	19	14	2	0	0	28	79	134
201	261	312	363	400	434	469	498	515	531	555	582	591	571	541	522	512	494	466	442
426	407	387	385	404	437	500	539	542	525	512	520	529	541	564	597	641	685	720	757
787	794	759	689	625	590	565	538	519	511	503	488	460	415	390	366	340	294	237	215
205	201	187	182	184	174	148	124	105	80	54	35	9	-23	-55	-87	-129	-174	-217	-264
-308	-342	-374	-389	-391	-382	-344	-338	-338	-367	-389	-406	-447	-497	-520	-538	-533	-525	-528	-502
-474	-442	-440	-481	-494	-497	-514	-533	-556	-573	-602	-625	-672	-701	-705	-704	-707	-685	-668	-631
-623	-613	-549	-533	-487	-459	-452	-405	-396	-357	-337	-305	-286	-270	-230	-195	-159	-149	-100	-86
-39	-41	-13	-7	32	55	106	139	178	230	275	303	350	381	382	396	381	356	335	326
300	304	296	309	323	359	390	405	416	417	418	419	411	401	411	415	419	431	446	454
463	483	499	525	581	616	641	652	651	638	609	585	558	541	502	472	425	404	362	314
273	273	203	165	113	62	34	14	-4	-21	-34	-48	-71	-90	-102	-128	-146	-179	-215	-241
-290	-328	-360	-387	-400	-411	-414	-420	-424	-419	-422	-436	-439	-455	-454	-453	-438	-422	-394	-375
-365	-368	-351	-331	-338	-372	-369	-383	-401	-412	-406	-399	-381	-370	-363	-375	-388	-390	-385	-389
-371	-355	-341	-318	-324	-316	-297	-290	-280	-251	-217	-189	-154	-129	-101	-70	-32	-9	9	15
29	43	33	33	55	79	118	162	198	237	270	280	272	252	249	231	236	246	276	325
369	395	420	418	419	389	368	345	324	285	270	258	249	247	259	273	286	301	311	307
328	314	308	301	307	301	299	312	334	344	361	382	388	390	402	407	392	381	344	313
315	298	295	286	259	239	220	195	152	103	57	9	-26	-63	-95	-117	-137	-148	-157	-170
-169	-156	-156	-155	-154	-154	-169	-173	-181	-194	-210	-216	-203	-184	-164	-156	-126	-106	-101	-93
-95	-174	-82	-88	-116	-122	-125	-121	-122	-133	-141	-163	-183	-203	-216	-226	-246	-252	-280	-304
-325	-341	-349	-354	-352	-347	-332	-328	-319	-324	-320	-315	-327	-336	-345	-344	-337	-323	-286	-265
-238	-200	-187	-180	-179	-165	-149	-143	-129	-97	-67	-45	-19	2	9	18	18	13	4	-3

14	21	33	33	55	52	39	19	15	-3	-23	-38	-51	-49	-59	-56	-56	-51	-32	-14
-12	-1	31	55	84	119	147	179	206	221	215	214	206	189	406	145	141	161	187	222
259	296	317	323	323	312	292	265	254	258	278	306	349	377	406	442	462	449	415	391
355	303	250	204	172	143	101	69	54	58	60	96	114	119	100	74	52	55	56	66
80	104	127	164	199	214	237	270	274	257	223	193	170	153	132	108	90	67	52	24
-1	-15	-57	-80	-85	-94	-97	-104	-112	-123	-116	-135	-165	-195	-239	-258	-292	-329	-349	-361
-366	-379	-398	-420	-418	-414	-406	-405	-393	-377	-387	-401	-414	-423	-421	-416	-416	-427	-431	-422
-424	-406	-392	-370	-364	-350	-351	-352	-353	-340	-315	-300	-289	-275	-273	-286	-292	-291	-302	-307
-311	-304	-292	-266	-232	-200	-169	-139	-80	-43	-4	44	94	134	162	173	179	174	162	149
-136	138	149	157	178	210	247	285	329	374	417	456	475	484	483	494	505	511	511	514
508	501	481	477	469	463	466	448	445	439	436	434	408	417	415	408	403	392	376	365
347	332	308	300	289	292	282	283	272	273	265	253	249	239	221	213	206	172	147	115
85	44	5	-33	-62	-93	-123	-145	-154	-158	-163	-185	-195	-205	-223	-250	-275	-284	-306	-321
-334	-343	-345	-354	-372	-383	-392	-402	-409	-412	-432	-455	-471	-493	-503	-515	-509	-491	-488	-489
-481	-474	-481	-470	-472	-463	-453	-438	-421	-395	-370	-349	-325	-304	-291	-284	-269	-272	-274	-261
-254	-240	-222	-194	-176	-163	-145	-126	-112	-102	-72	-43	-11	3	37	67	102	124	148	177
202	223	236	244	244	246	257	277	293	318	345	366	380	393	404	420	435	454	457	469
484	497	509	528	551	570	579	585	569	548	534	507	480	450	430	402	374	335	304	275
227	193	157	135	116	103	73	55	34	24	12	6	-7	-10	-23	-40	-57	-78	-100	-115
-130	-140	-159	-170	-185	-186	-196	-202	-205	-206	-218	-237	-252	-264	-276	-298	-316	-319	-325	-344
-354	-363	-380	-396	-405	-398	-391	-372	-359	-345	-331	-323	-312	-310	-321	-328	-340	-341	-354	-341
-334	-309	-285	-269	-251	-238	-232	-213	-189	-176	-151	-123	-87	-56	-32	9	50	86	116	144
158	187	209	216	213	228	229	238	240	247	251	259	260	251	233	231	248	262	273	277
283	296	312	322	328	319	335	352	370	351	345	368	354	355	351	321	308	296	279	255
226	210	200	148	166	141	117	119	118	102	89	72	55	36	31	-11	-15	-32	-58	-67
-73	-84	-108	-120	-147	-171	-194	-212	-254	-283	-303	-308	-320	-321	-335	-325	-314	-296	-286	-255
-226	-200	-188	-169	-173	-127	-112	-100	-100	-74	-63	-53	-53	-66	-75	-75	-87	-100	-119	-137
-132	-150	-168	-175	-181	-168	-164	-155	-151	-139	-119	-110	-103	-85	-88	-81	-71	-59	-49	-26
-6	20	31	50	57	85	93	103	90	82	51	43	28	46	42	49	62	84	93	103
133	140	140	159	172	178	179	180	184	184	192	189	164	164	143	124	120	102	84	90
90	72	65	50	53	54	54	55	51	44	48	43	30	38	42	41	45	46	39	32
28	12	-6	-3	-6	-14	-24	-19	-20	-27	-38	-45	-63	-68	-67	-90	-114	-102	-106	-102
-110	-102	-98	-90	-98	-100	-94	-77	-64	-69	-63	-40	-43	-44	-57	-60	-67	-69	-92	-96
-104	-106	-109	-108	-118	-111	-103	-106	-122	-131	-129	-114	-113	-82	-75	-54	-31	-6	1	5
15	29	38	31	35	37	44	39	32	40	39	57	63	69	65	71	74	66	59	59
64	73	77	76	75	67	59	58	48	32	24	20	17	-6	6	12	23	22	18	32
36	47	39	37	40	57	70	72	84	85	79	93	94	95	87	95	96	108	102	107
114	115	114	117	109	103	95	76	59	44	32	7	-9	-9	-17	-28	-30	-29	-51	-54
-67	-63	-76	-81	-81	-94	-98	-89	-81	-75	-61	-56	-58	-56	-37	-33	-45	-37	-31	-22
-20	-30	-21	-20	-26	-31	-20	-22	-8	-9	-12	-14	-22	-29	-36	-39	-46	-50	-35	-45
-54	-58	-54	-36	-38	-49	-39	-48	-41	-22	-22	-14	-18	-8	1	-5	-6	-8	3	-11
-14	-15	-11	7	22	32	30	49	42	36	44	34	22	24	24	20	21	40	39	52
44	56	41	38	31	36	47	33	27	21	22	15	-3	8	11	12	10	15	22	30
28	33	10	17	7	11	13	8	11	4	11	25	31	26	37	26	25	25	17	28
33	23	27	1	15	38	30	7	-2	-6	-11	-13	3	-24	-18	-10	-7	-17	-13	-11
-12	-18	-11	-22	-27	-42	-38	-36	-43	-59	-66	-68	-69	-66	-80	-78	-83	-78	-76	-78
-79	-77	-69	-66	-66	-54	-39	-19	-24	-30	-23	-8	-11	-12	2	10	8	9	8	12
21	16	19	15	12	14	6	4	-3	10	4	6	10	9	-1	-2	-15	-23	-30	-18
-1	-1	3	6	16	13	2	15	-3	7	-8	-10	-5	-1	5	17	10	19	21	26
10	17	29	11	25	43	27	37	38	41	27	30	30	24	27	31	25	25	14	16
17	13	15	0	-10	-15	-30	-35	-33	-59	-15	-30	-35	-33	-59	-15	-30	-35	-33	-59

IIN190 71.086.0
 STATION NO. 442
 INSTR PERIOD = 0.0390 SEC DAMPING = 0.514
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 1880 CENTURY PARK EAST, PENTHOUSE, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 03 44N, 118 24 50W

PEAK VALS ACCLN = -264.4 CM/SEC/SEC AT 7.72 SEC VELO = -11.5 CM/SEC AT 12.16 SEC DISP = 3.0 CM AT 24.98 SEC

INITIAL VELO = -0.04963 CM/SEC INITIAL DISP = 0.02744 CM

2810 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

95	180	105	-16	-178	-265	-222	-122	-44	37	98	156	181	223	178	70	0	-54	-92	-96
-94	-127	-132	-120	-112	-93	-76	-38	44	144	260	369	407	352	186	-70	-371	-540	-547	-447
-275	-60	171	348	517	579	550	409	95	-361	-714	-760	-537	-261	-40	71	188	303	499	557
337	44	-215	-257	-86	-78	-26	-16	-94	-159	-279	-309	-141	115	322	430	397	328	101	-238
-544	-646	-596	-434	-107	293	598	585	532	500	388	54	-398	-819	-755	-323	50	296	410	432
391	344	144	-92	-322	-425	-385	-243	-94	-93	-59	-16	28	105	171	251	296	262	26	-46
-12	-43	-223	-383	-519	-454	-169	186	544	571	390	209	125	-6	-147	-359	-530	-614	-468	-129
212	521	610	471	358	290	171	-8	-201	-373	-435	-402	-244	30	206	214	184	199	170	135
72	-43	-215	-209	-125	16	94	81	62	69	22	-59	-87	-193	-226	-16	139	188	235	160
100	125	118	62	-51	-118	-86	-151	-189	-163	-99	-54	33	113	211	293	237	134	-23	-384
-480	-437	-345	-243	-160	-6	234	450	557	574	426	164	-105	-339	-366	-372	-252	-39	172	282
273	168	19	-63	-31	-3	-105	-168	-180	-56	-15	6	42	-37	-200	-166	-104	-83	91	270
427	407	164	-117	-214	-199	-174	-180	-280	-347	-316	-109	77	22	-19	-10	29	151	253	251
261	108	108	-109	-234	-367	-358	-323	-240	-12	208	450	618	572	318	15	-238	-405	-528	-638
-527	-251	-4	200	358	361	363	351	318	271	228	80	-98	-419	-720	-700	-512	-199	262	441
553	484	245	-178	-150	-159	-174	-261	-312	-128	162	496	524	366	121	-108	-181	-250	-382	-309
44	374	618	632	444	116	-382	-703	-845	-1092	-943	-508	12	493	937	1063	936	716	322	20
-339	-848	-955	-821	-362	280	713	667	367	173	-160	-142	-95	-27	148	37	-337	67	69	-191
-172	-175	78	298	89	222	585	666	795	575	-346	-1411	-2271	-1519	-428	220	776	738	1085	1311
1570	1831	1339	180	-996	-1959	-2644	-1747	-815	-238	100	155	875	1643	2092	1999	1154	58	-952	-1823
-2067	-2031	-1867	-883	484	1212	1616	2272	2077	1299	669	-389	-1387	-1878	-2326	-1795	-403	608	1414	1897
1861	1257	303	-723	-1439	-1941	-2065	-1490	-669	-23	846	1344	1561	1233	795	50	-807	-1119	-1001	-853
-780	-589	220	730	904	771	421	381	394	179	243	52	-633	-1097	-1264	-991	-456	-52	181	280
366	449	592	658	599	609	583	169	-448	-1002	-1333	-1111	-356	72	675	1341	1433	1213	1181	652
23	-627	-1158	-1358	-1432	-1269	-649	313	962	1233	1091	684	480	324	60	-213	-498	-773	-902	-445
328	936	1156	745	-49	-777	-1074	-668	-255	-52	230	461	667	700	592	363	46	-591	-1255	-1430
-1185	-932	-428	170	628	721	1163	1392	1008	435	-362	-977	-1033	-1125	-604	165	605	660	631	587
470	266	-157	-557	-747	-797	-732	-502	-25	312	401	318	72	-106	201	27	-232	35	522	696
316	78	16	-174	-240	-272	-380	-328	-81	312	588	633	397	16	-275	-633	-811	-481	-11	405
604	517	354	29	-320	-456	-512	-517	-399	-410	-382	-222	-62	122	329	459	611	735	711	442
-25	-482	-861	-1298	-1425	-1274	-992	-586	84	740	1305	1664	1536	1104	605	-40	-555	-619	-508	-407
-279	-66	234	660	713	350	-303	-888	-766	-218	20	-68	-134	-47	-77	141	666	1193	1084	692
148	-347	-599	-639	-584	-548	-533	-473	-75	461	670	732	655	478	464	160	-254	-548	-575	-326
-179	-199	-144	-106	-59	-11	13	-82	30	336	466	404	469	206	-194	-606	-608	-125	164	220
124	-35	33	-100	-59	-39	-256	-666	-766	81	333	252	448	550	692	734	838	535	-3	-568
-424	-633	-770	-564	-516	-396	-189	98	341	521	635	660	611	584	474	376	226	-89	-464	-663
-656	-414	-346	-348	-285	2	419	648	472	194	-17	-188	-336	-523	-578	-454	-256	-69	89	-38
-19	-63	32	214	261	259	141	-112	-354	-404	-316	-423	-234	-72	164	477	827	867	605	427
12	-373	-512	-790	-987	-534	-17	473	764	684	546	418	145	-82	-227	-345	-414	-379	-190	31
124	219	364	433	407	335	248	27	-310	-574	-644	-521	-313	-87	104	166	90	-39	-25	47

-4	-63	-105	-101	-166	-309	-400	-349	-238	-27	212	264	290	319	282	235	160	102	-63	-327
-467	-505	-457	-367	-205	23	283	466	461	378	312	195	-51	-231	-372	-474	-354	-216	-50	202
361	426	268	102	-16	-92	-213	-230	-249	-232	-202	-86	114	316	338	258	72	-98	-173	-130
13	158	219	183	105	64	76	36	-12	8	26	94	165	198	125	-3	-166	-230	-196	-130
-78	-47	-35	-35	-39	-9	53	97	104	57	42	72	141	241	229	76	3	-6	-38	-69
-36	-87	-175	-212	-205	-157	-28	162	320	369	301	178	79	62	62	-36	-215	-191	-50	166
392	516	598	610	539	412	292	109	-78	-244	-383	-407	-348	-244	-99	-11	20	81	185	242
243	207	122	-42	-217	-323	-434	-472	-463	-431	-362	-196	-29	124	269	349	297	161	40	-55
-216	-365	-456	-571	-658	-525	-319	-73	131	301	347	310	197	-28	-147	-255	-295	-279	-240	-170
-100	-46	-50	-71	-76	-61	-73	-85	-68	-32	8	31	44	28	0	-25	-54	-87	-77	-43
20	69	81	71	76	114	197	295	360	326	204	-16	-213	-367	-432	-354	-199	6	186	268
293	305	296	282	218	92	-53	-206	-295	-281	-186	-19	132	259	384	494	514	390	190	-28
-241	-345	-318	-269	-143	58	241	340	419	409	352	253	155	65	7	-17	-42	-72	-64	11
120	241	299	275	105	-94	-262	-311	-254	-163	-98	-68	-37	64	121	51	-39	-109	-119	-78
-25	15	16	-81	-192	-278	-330	-363	-311	-224	-105	20	152	204	205	142	-25	-261	-455	-555
-538	-425	-308	-208	-90	25	257	375	328	337	190	-20	-204	-362	-514	-437	-248	-47	191	354
518	564	457	152	-15	-221	-353	-287	-171	-61	66	121	172	165	166	190	216	234	209	117
-112	-74	-138	-144	-91	-55	24	54	18	58	131	167	193	195	139	-29	-176	-209	-190	-137
-126	-38	72	112	-209	265	221	201	23	-126	-181	-185	-43	56	109	174	169	196	207	220
224	139	61	-30	-86	-54	-26	-41	23	13	-26	7	119	124	113	112	68	85	87	69
109	99	79	130	146	136	118	57	-18	-57	-51	-21	12	24	-3	-50	-92	-123	-122	-53
-30	-90	-151	-140	-59	-7	46	91	11	-89	-140	-162	-177	-162	-65	27	26	-20	-42	-28
-54	-78	-48	-51	-106	-203	-209	-203	-170	-82	-74	-75	-103	-161	-140	-124	-133	-153	-161	-138
-146	-136	-113	-120	-124	-106	3	38	76	141	157	104	42	-15	-22	-64	-180	-263	-239	-197
-127	-8	108	213	200	201	238	129	29	-102	-230	-309	-329	-192	8	169	200	114	112	151
111	96	60	0	-109	-155	-91	84	179	197	195	208	181	152	87	67	48	9	-59	-86
-68	-43	30	101	165	195	190	176	148	148	135	90	61	97	102	49	17	16	37	113
231	212	131	136	59	5	-6	-44	-15	39	-17	-20	33	94	185	204	135	61	3	39
29	26	14	0	-35	-99	-120	-106	-75	-123	-127	-31	4	-25	-71	-151	-210	-271	-298	-262
-239	-216	-151	-64	25	95	101	22	-20	-54	-107	-184	-265	-332	-331	-291	-244	-176	-71	44
85	85	66	64	38	-39	-109	-242	-319	-226	-192	-128	-3	72	114	151	166	108	60	61
-12	-88	-153	-205	-192	-104	15	138	236	281	236	169	81	42	-5	-124	-214	-242	-233	-171
-52	77	195	269	249	203	210	218	194	102	47	-21	-70	-102	-99	-62	38	83	179	219
202	254	185	133	154	55	14	56	-29	-63	24	2	-5	134	66	68	208	129	110	240
6	23	8	-143	-14	-21	-45	59	30	107	56	123	83	80	-21	-33	-73	-73	29	62
160	130	223	147	151	62	40	-2	-8	-41	-73	-101	-76	-60	5	40	45	44	19	-14
-36	-62	-51	-14	40	54	59	63	39	-10	-47	-98	-136	-149	-158	-129	-79	-44	-2	11
-6	-18	-51	-95	-148	-179	-183	-138	-89	-43	-34	-45	-45	-62	-71	-67	-68	-59	-43	37
-16	-22	-36	-86	-111	-122	-99	-66	-18	-3	7	-7	-9	-47	-57	-64	-71	-40	-18	-19
-15	3	31	34	55	43	28	18	9	-8	-40	-52	-47	-47	0	51	49	24	14	9
6	45	85	83	47	-3	-73	-126	-127	-102	-77	-21	27	99	134	113	87	31	-39	-91
-73	-42	-2	63	72	71	33	-25	-88	-80	-23	32	96	86	76	63	48	3	6	29
21	-13	-40	-63	-34	19	55	118	118	127	85	57	10	-87	-101	-88	-59	-46	-30	49
124	148	178	150	129	-12	40	-25	-38	-59	-45	-22	-8	-3	51	73	79	63	77	74
73	42	41	53	33	91	-78	-115	-115	-90	-40	5	51	85	68	15	-38	-126	-174	-203
-183	-155	-71	-18	42	52	112	123	78	-8	-57	-134	-123	-142	-85	-36	10	-6	46	57
88	94	93	14	-40	-95	-128	-125	-73	-36	7	-19	13	17	14	-10	-10	5	-9	-5
-19	-32	-30	-31	-39	-57	-58	-100	-44	-4	16	34	70	72	58	-3	-3	-15	-61	-68
-92	-90	-43	19	45	77	121	132	114	66	41	43	-9	-22	-65	-64	-29	13	44	91
97	102	96	45	29	43	25	3	30	14	-5	7	36	66	57	90	57	42	41	27

-49	-43	-56	-41	-18	6	28	66	65	68	58	47	10	10	24	15	7	12	31	47
60	57	76	50	-16	-41	-87	-70	-24	23	29	-25	-52	-97	-81	-48	5	26	18	3
32	-20	-39	-95	-135	-193	-198	-206	-187	-95	19	28	55	4	-19	-11	-41	-111	-154	-183
-112	-40	-15	-11	-34	-78	-94	-120	-56	66	151	124	63	3	-25	11	35	37	6	-20
-37	-45	-58	-64	-24	43	136	174	137	32	-6	-29	-45	-28	-46	-78	-85	-5	65	118
51	57	24	30	-27	-45	-66	-36	-1	60	130	165	141	104	51	21	-10	8	-3	-57
-119	-72	3	123	182	185	161	121	63	58	51	54	20	1	-3	-2	16	57	106	138
126	122	76	42	9	16	25	25	48	50	22	45	68	70	64	20	24	29	46	39
15	13	-2	-31	-15	-81	-79	-67	-35	-35	16	42	70	65	13	-17	-52	-55	-92	-126
-140	-136	-114	-98	-78	8	56	131	141	135	115	34	-68	-126	-205	-226	-199	-160	-120	-51
23	51	40	64	-7	-66	-101	-133	-100	-116	-144	-127	-176	-139	-139	-100	-82	-86	-86	-60
-61	-59	-23	-20	-10	-15	-26	-35	-73	-101	-124	-108	-52	-7	43	36	56	83	106	56
71	10	-36	-79	-97	-127	-90	-27	40	70	146	166	164	122	85	22	3	-4	-35	-40
-18	17	36	68	101	113	88	40	-22	-45	-37	-30	-23	-10	-8	13	86	142	164	184
206	176	124	73	21	-18	-18	-6	-2	-1	59	79	132	153	145	152	100	27	-17	-21
-19	-17	-36	-48	-26	-5	24	49	77	75	64	48	31	-30	-57	152	-69	-47	-25	-50
-89	-108	-64	-56	-27	4	-19	5	4	24	-4	-21	-49	-70	-98	-99	-102	-109	-64	-54
-50	-30	-40	-50	-60	-105	-154	-138	-106	-66	-42	-21	4	23	-1	-11	-36	-69	-76	-100
-100	-82	-38	-11	42	47	69	52	53	44	19	-22	-27	-37	-13	-22	-4	24	51	37
46	1	5	-5	-10	-8	-21	-17	-3	6	23	28	48	69	88	65	38	49	30	28
28	40	67	88	104	114	99	89	69	58	26	2	-1	8	40	67	91	95	99	75
58	34	40	38	42	45	57	82	75	77	65	56	54	35	-2	-37	-28	-35	4	16
27	25	6	-6	-40	-51	-64	-65	-75	-76	-66	-32	-9	22	39	60	13	-5	-26	-40
-52	-42	-56	-41	-14	-8	-11	-9	-19	-35	-55	-87	-105	-92	-62	-46	-3	-6	19	26
-6	-32	-66	-79	-54	-47	-35	-44	-20	-11	-8	3	5	-5	0	-32	-51	-47	-36	-35
-25	-36	-8	9	28	32	32	43	57	54	56	39	48	30	19	12	9	8	11	-17
-6	-14	8	4	13	9	-10	-38	-62	-76	-85	-57	-49	-16	-6	2	22	22	44	28
2	-28	-23	-53	-55	-36	9	23	67	43	54	49	76	48	27	-8	-10	-39	-54	-58
-7	18	32	58	87	99	88	86	25	-24	-57	-50	-41	-39	-32	8	54	71	84	95
89	66	30	-23	-34	-72	-121	-124	-126	-64	-26	15	19	13	2	7	7	-36	-47	-57
-61	-37	-51	-36	1	30	27	29	-39	-69	-82	-68	-64	2	-5	19	21	18	9	15
-6	-6	-8	-26	-4	6	5	0	7	11	31	3	-1	19	27	44	26	10	14	23
60	56	39	15	-6	-30	-50	-42	-40	-25	-27	-33	-25	-5	15	13	32	9	-4	-22
-65	-69	-54	-13	20	7	-3	27	50	39	44	6	-8	-19	-24	-30	-44	-3	3	8
21	41	39	25	7	-16	-15	-10	-9	4	-13	1	20	26	17	21	8	27	-1	-7
-2	-18	16	37	39	21	59	61	30	15	47	46	54	-10	-12	-6	-5	15	34	47
8	7	1	18	37	21	40	36	14	-15	-35	-27	-30	-27	-33	-34	-15	9	10	28
13	0	3	-9	-11	8	17	18	4	-21	-45	-38	-23	-12	-2	16	25	47	46	41
29	46	11	-20	-41	-20	-12	3	10	8	37	28	23	-2	-6	-2	25	24	24	-1
-9	21	8	-5	-8	-4	0	-12	-5	22	48	33	16	13	-4	-21	-32	-48	-48	4
34	78	44	28	54	49	21	-31	-50	-71	-70	-79	-61	-18	10	-2	11	31	36	26
18	25	10	-40	-62	-77	-27	2	-8	8	34	13	-11	-16	4	-6	-10	-5	-20	-36
-32	-38	-39	-42	-38	-32	-9	-10	-13	10	5	8	-5	-30	-23	-45	-23	-13	3	-28
2	9	-8	-30	-7	4	5	-32	-43	-66	-41	-27	-19	-18	-5	12	-9	-10	-40	-47
-73	-51	-41	-57	-35	-25	22	7	-16	-9	-3	18	-2	-30	-33	-22	-3	-9	3	-16
39	33	52	20	38	6	34	11	-21	-12	-20	-18	10	1	26	22	50	82	66	35
0	-19	-29	-23	-57	-25	32	68	71	71	92	75	66	86	39	38	4	-37	-23	-32
-7	23	46	49	63	62	100	72	33	9	1	-17	-33	-20	5	17	27	47	54	68
66	46	19	-9	-16	-32	-65	-31	-17	-15	-14	-17	-19	-1	18	-1	-2	19	-5	-4
-16	8	-13	-20	-23	-10	-45	-56	-33	-10	-5	-17	-20	29	23	-13	-31	-59	-39	-41
-16	5	27	46	23	10	18	-25	-10	-32	-25	-17	20	29	23	-13	-31	-59	-39	-41
-16	5	27	46	23	10	18	-25	-10	-32	-25	-17	20	29	23	-13	-31	-59	-39	-41

IIN191 71.119.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 411 2516 VIA TEJON, GROUND LEVEL, PALOS VERDES ESTATES, CAL.
 INSTR PERIOD = 0.0660 SEC DAMPING = 0.563 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP N65E 33 48 02N, 118 23 13W

PEAK VALS ACLN = -24.7 CM/SEC/SEC AT 3.52 SEC VELO = 4.1 CM/SEC AT 21.00 SEC DISP = 2.6 CM AT 54.56 SEC

3510 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 0.52017 CM/SEC INITIAL DISP = -0.00593 CM

-8	-11	-23	-28	-18	-11	-13	-32	-46	-20	15	-5	-62	-62	-1	56	96	132	146	128
112	90	37	-33	-80	-89	-76	-53	-17	24	40	8	-46	-75	-70	-53	-39	-22	6	43
60	36	-13	-54	-67	-65	-77	-104	-107	-67	-38	-48	-73	-90	-101	-88	-34	33	85	103
65	-3	-38	-24	9	28	36	40	24	-17	-33	6	70	129	167	165	114	60	53	77
89	73	52	50	40	7	-20	-24	-4	18	7	-57	-124	-136	-105	-68	-55	-51	-42	-32
-18	-13	-29	-60	-99	-124	-110	-62	2	56	74	49	-4	-67	-118	-154	-172	-148	-84	14
95	99	41	-23	-60	-78	-62	-12	16	16	33	65	71	48	42	70	108	142	138	86
28	-16	-52	-71	-53	-15	25	65	100	126	144	140	105	65	70	110	138	123	50	-68
-189	-235	-147	1	126	169	110	-7	-122	-179	-142	-48	9	-22	-120	-220	-247	-175	-56	63
148	174	134	60	-13	-71	-106	-127	-120	-63	42	143	182	147	71	-4	-56	-71	-30	37
58	23	-9	-3	34	69	85	64	8	-59	-116	-138	-114	-51	24	76	78	62	76	107
120	95	46	-9	-43	-24	25	15	-59	-125	-132	-81	-21	7	-2	-20	-15	1	12	25
44	64	86	123	143	115	74	45	42	59	55	20	-30	-54	-42	-36	-46	-51	-44	-32
-11	23	42	7	-81	-170	-209	-175	-98	-32	14	33	24	7	-29	-65	-74	-56	-22	-8
-35	-78	-112	-99	-41	36	113	165	176	136	54	-49	-137	-159	-99	-14	-19	126	156	193
188	137	84	52	32	11	6	11	4	-9	-23	-23	-13	-15	-20	-14	-19	-60	-110	-110
-52	12	64	109	124	96	50	21	6	-28	-81	-138	-191	-225	-216	-142	-31	60	100	100
82	58	16	-43	-84	-87	-90	-124	-149	-122	-30	84	157	171	139	81	28	4	2	25
88	155	161	98	21	-42	-95	-140	-156	-129	-53	53	155	197	147	37	-66	-114	-94	-43
-4	-1	-22	-22	24	84	99	46	-38	-102	-128	-115	-55	24	55	43	23	3	-15	-16
-5	4	7	7	12	24	37	36	4	-44	-71	-55	-12	33	64	62	38	28	42	46
-120	-110	-104	-103	-91	-65	-9	10	-11	-39	-44	-19	31	91	121	88	20	-40	-80	-108
78	80	67	40	31	-61	-12	41	86	103	95	83	77	83	84	74	59	53	54	65
-39	18	-2	-28	-48	-67	-87	119	86	24	-30	-39	-18	-12	-19	-24	-19	-8	0	9
-29	-139	-209	-228	-209	-178	-142	-120	-130	-139	-106	-48	-50	-42	-24	12	59	100	101	49
73	32	-10	-35	-35	-26	-16	-12	-23	-39	-52	-54	-32	1	112	139	160	167	146	110
56	92	119	130	112	67	14	-15	-1	28	46	35	-6	-51	35	58	55	34	16	23
59	12	-39	-63	-62	-67	-86	-111	-132	-128	-96	-54	-30	-33	-31	-88	-59	-13	32	66
51	21	-1	-17	-18	1	10	-4	-17	-12	10	34	44	30	-1	-33	32	68	89	81
10	-15	-20	-1	18	26	37	59	74	68	49	37	22	-6	-43	-79	-102	-97	-67	-29
11	49	86	110	109	94	89	108	136	150	139	100	45	-12	-68	-112	-132	-126	-100	-73
-57	-52	-53	-59	-67	-68	-58	-42	-32	-32	-33	-33	-34	-31	-16	6	31	54	65	66
66	60	42	13	-19	-39	-26	16	59	89	107	109	100	93	91	77	46	16	-3	-14
-25	-43	-67	-77	-53	-10	24	29	15	-1	-18	-30	-32	-24	-14	-8	-1	6	1	-17
-34	-46	-50	-42	-27	-16	-19	-27	-20	3	29	38	24	-1	-15	-3	32	75	111	127
117	91	58	24	3	4	10	10	1	-1	10	22	30	36	35	23	7	-7	-19	-22
-6	16	24	13	-3	-14	-21	-25	-21	-18	-19	-16	-6	2	7	4	-1	1	0	-10
-23	-34	-37	-37	-39	-45	-56	-59	-46	-25	0	23	33	23	5	-12	-27	-42	-44	-27
-11	-3	12	34	41	27	7	-13	-31	-46	-55	-59	-54	-34	-5	20	33	32	25	22

35	58	77	79	60	36	18	11	13	21	25	17	-2	-25	-43	-48	-42	-33	-29	-31
-41	-53	-55	-46	-37	-29	-20	-9	-3	-8	-19	-31	-41	-50	-53	-43	-26	-13	-11	-25
-49	-80	-108	-119	-102	-64	-18	20	31	19	2	26	-14	-7	5	18	28	35	38	-35
24	6	-14	-34	-47	-45	-41	-36	-23	-3	15	26	35	47	60	72	77	57	17	-26
-59	-77	-83	-73	-60	-20	-57	-47	-39	-39	-43	-37	-17	5	24	25	12	7	6	-6
-20	-19	-6	10	22	20	7	4	20	40	50	52	53	55	53	50	45	31	6	-22
-44	-58	-53	-33	-21	-17	-15	-12	-14	-18	-20	-13	-3	11	25	39	47	45	35	27
22	17	10	10	21	33	34	19	-5	-23	-24	-16	-3	14	30	37	35	28	23	17
10	4	4	9	15	23	33	44	49	49	44	41	47	60	73	81	77	67	56	43
27	10	-8	-23	-28	-28	-30	-34	-34	-29	-20	-14	-14	-12	-4	-2	-8	-12	-9	-7
-16	-33	-50	-62	-63	-52	-38	-27	-23	-21	-17	-6	10	26	43	61	79	94	108	116
114	105	98	102	112	116	113	100	79	65	69	84	96	97	87	75	62	49	36	22
10	5	5	7	8	9	11	12	11	8	3	-4	-17	-32	-51	-71	-88	-98	-104	-109
-113	-113	-113	-112	-108	-100	-86	-71	-61	-61	-72	-85	-94	-77	-101	-102	-102	-101	-100	-99
-94	-84	-68	-49	-25	1	25	48	66	77	83	86	84	77	68	62	58	56	59	63
63	67	74	75	69	58	40	23	11	4	-1	-5	-6	-6	-2	2	0	-12	-28	-45
-61	-75	-86	-90	-89	-85	-82	-80	-72	-59	-44	-34	-27	-20	-13	-7	-1	4	4	3
3	3	3	3	2	-5	-19	-36	-52	-61	-59	-53	-47	-44	-46	-51	-53	-49	-42	-33
-28	-31	-38	-47	-54	-61	-72	-84	-91	-88	-80	-70	-60	-46	-27	-9	6	27	51	73
95	110	116	116	114	112	108	98	84	70	57	43	26	14	15	25	37	42	42	40
37	30	22	15	10	9	12	17	22	21	18	13	6	4	12	19	20	15	13	18
28	36	35	26	14	1	-4	0	4	-1	-12	-25	-38	-47	-46	-38	-29	-22	-14	-6
-1	-2	-5	-5	-2	3	10	23	37	46	50	53	57	65	79	96	105	109	110	106
99	89	80	73	70	67	63	52	37	24	12	6	8	13	19	20	15	7	-2	-12
-25	-37	-49	-61	-69	-72	-75	-78	-74	-64	-56	-50	-42	-35	-29	-23	-22	-26	-32	-38
-43	-47	-49	-46	-39	-27	-23	-29	-40	-44	-41	-35	-27	-18	-13	-15	-21	-30	-45	-63
-79	-90	-97	-99	-99	-99	-100	-100	-96	-93	-91	-83	-71	-82	-54	-42	-24	-2	20	41
62	78	80	72	68	71	76	80	84	86	87	88	87	85	83	79	68	49	28	7
-9	-15	-19	-25	-32	-41	-48	-51	-50	-50	-55	-63	-70	-72	-74	-82	-93	-101	-100	-94
-87	-79	-71	-60	-45	-27	-9	10	25	33	35	34	39	48	56	61	64	71	77	80
80	80	82	85	88	88	83	76	69	62	54	48	43	39	34	29	24	18	11	5
2	0	0	5	12	12	9	9	11	13	18	26	31	29	21	10	2	1	3	7
9	6	1	2	6	8	2	-9	-14	-9	0	9	9	5	-1	-6	-3	4	10	14
13	8	1	-6	-9	-7	-4	-3	-4	-5	-3	1	7	10	11	16	24	30	31	29
25	20	14	10	10	12	15	18	18	17	20	30	44	56	60	58	52	46	41	42
47	52	50	37	18	-3	-23	-35	-42	-47	-55	-64	-73	-76	-73	-71	-69	-60	-51	-42
-34	-26	-20	-18	-18	-15	-10	-15	-7	-8	-8	-10	-15	-20	-20	-17	-11	-7	-5	-5
-5	-1	8	16	16	7	-6	-19	-30	-37	-40	-40	-35	-23	-7	8	19	23	22	21
18	14	11	8	6	3	1	1	5	10	15	15	14	14	16	18	21	21	18	16
10	-3	-20	-34	-45	-52	-53	-48	-47	-51	-50	-46	-38	-31	-33	-39	-40	-32	-22	-13
-13	-22	-32	-40	-43	-37	-25	-15	-13	-15	-17	-13	-6	-1	-3	-13	-22	-24	-19	-14
-13	-17	-29	-46	-65	-75	-75	-73	-69	-66	-68	-72	-75	-81	-85	-82	-73	-60	-42	-29
-24	-22	-18	-14	-9	0	10	19	26	32	39	47	56	63	68	74	78	80	78	73
67	65	67	72	79	83	81	79	78	78	74	64	56	49	38	27	16	3	-8	-15
-19	-17	-17	-19	-22	-25	-28	-30	-29	-21	-7	7	14	17	21	25	30	37	47	56
63	63	61	62	66	71	74	75	74	73	72	70	65	55	41	24	8	-1	-7	-14
-25	-41	-55	-65	-69	-69	-72	-75	-76	-73	-68	-62	-55	-47	-39	-33	-29	-28	-30	-31
-29	-25	-22	-21	-18	-16	-14	-14	-14	-11	-7	-3	1	6	14	24	31	35	32	23
12	1	-9	-17	-20	-22	-23	-24	-25	-24	-22	-21	-21	-21	-22	-21	-18	-11	-6	-2
-2	-9	-16	-20	-22	-23	-23	-21	-18	-14	-11	-9	-4	3	8	9	7	5	5	7

12	21	33	42	45	47	46	44	43	46	55	65	72	77	80	82	84	81	73	65
60	59	60	58	55	54	50	44	39	36	36	39	45	49	50	49	46	42	37	32
27	27	32	40	47	49	44	34	25	19	17	17	18	17	14	8	1	-5	-8	-13
-22	-33	-42	-51	-59	-67	-73	-78	-82	-81	-76	-69	-65	-65	-68	-69	-68	-65	-61	-57
-56	-60	-63	-62	-60	-57	-54	-52	-52	-49	-44	-36	-29	-25	-21	-14	-7	-5	-5	-6
-6	-7	-10	-14	-18	-25	-34	-41	-39	-32	-24	-18	-17	-19	-22	-25	-22	-17	-10	-1
3	4	5	7	11	16	17	16	14	10	9	14	20	26	29	31	31	31	32	34
36	35	32	28	22	15	6	-4	-10	-13	-18	-25	-29	-27	-22	-16	-12	-9	-7	-3
3	4	0	-3	-8	-14	-20	-25	-28	-28	-28	-29	-32	-35	-38	-43	-48	-52	-55	-57
-56	-54	-51	-49	-48	-48	-49	-47	-45	-42	-38	-28	-16	-4	6	13	17	23	28	30
30	29	32	40	48	53	54	50	46	42	40	41	43	39	34	31	29	29	28	26
24	21	15	7	-1	-9	-15	-17	-16	-16	-20	-26	-33	-42	-48	-49	-47	-43	-40	-36
-30	-24	-18	-13	-7	2	12	22	29	32	34	41	50	59	66	67	62	62	57	50
43	36	27	16	3	-5	-6	-1	3	4	2	-4	-10	-13	-17	-19	-20	-22	-25	-26
-27	-28	-29	-29	-25	-16	-7	1	8	18	29	36	40	43	45	51	58	66	73	77
78	78	79	80	80	80	80	80	80	77	72	65	58	51	44	35	26	16	7	-1
-8	-14	-20	-25	-29	-32	-34	-35	-33	-30	-29	-30	-34	-36	-35	-30	-21	-12	-5	-2
-1	-2	-1	2	6	8	11	15	21	25	29	31	33	34	35	36	37	41	43	43
43	40	37	33	30	27	24	19	13	8	1	-6	-14	-24	-35	-44	-53	-63	-70	-73
-74	-69	-60	-54	-52	-55	-60	-64	-68	-72	-74	-70	-64	-58	-53	-49	-44	-37	-27	-18
-9	-2	3	8	11	12	10	7	5	4	3	1	-4	-10	-15	-20	-26	-29	-30	-31
-34	-39	-44	-49	-50	-48	-45	-41	-38	-35	-31	-27	-27	-30	-30	-27	-22	-14	-7	-2
0	1	3	6	9	12	14	16	16	16	14	12	11	10	8	6	4	2	0	-2
-3	-3	-5	-6	-8	-9	-10	-9	-8	-8	-10	-13	-18	-21	-22	-21	-22	-24	-27	-31
-32	-29	-24	-16	-8	-1	3	3	3	3	2	1	4	11	17	23	28	30	-7	-17
29	31	31	29	26	23	21	19	16	14	12	11	8	7	5	2	-2	-7	-11	-17
-21	-23	-24	-23	-22	-22	-21	-18	-12	-8	-5	-2	4	12	18	23	29	37	45	52
58	63	66	66	66	64	63	61	60	57	53	48	44	40	34	27	20	14	8	5
2	-2	-5	-8	-9	-7	-4	-2	0	0	-2	-2	-1	1	3	7	13	17	19	17
14	12	12	11	9	9	9	11	18	25	33	37	39	42	44	44	40	36	35	32
28	25	25	25	24	22	21	21	21	21	19	14	9	8	7	4	0	-4	-7	-11
-14	-17	-20	-24	-28	-32	-37	-41	-42	-41	-40	-38	-35	-32	-29	-27	-26	-22	-16	-13
-16	-19	-23	-24	-25	-25	-23	-20	-18	-15	-14	-16	-19	-21	-22	-21	-17	-14	-12	-11
-10	-8	-7	-4	-2	-2	-1	-2	-5	-4	-3	-3	-7	-10	-12	-14	-14	-13	-14	-16
-18	-20	-21	-21	-23	-24	-24	-22	-19	-17	-14	-12	-12	-14	-18	-21	-23	-23	-23	-23
-22	-21	-19	-18	-19	-21	-24	-26	-27	-25	-24	-24	-22	-19	-17	-17	-18	-19	-17	-13
-9	-5	-4	-4	-5	-6	-5	-1	1	2	5	8	8	5	1	-5	-7	-3	2	4
4	5	7	10	12	12	13	11	9	5	2	-1	-3	-6	-11	-17	-22	-24	-24	-23
-21	-18	-12	-8	-4	0	4	7	7	4	2	0	-3	-6	-9	-12	-15	-16	-14	-11
-9	-6	-5	-3	-2	-2	-2	0	5	9	11	11	8	7	6	7	10	13	14	14
16	19	24	29	33	38	41	42	42	42	42	42	42	41	41	40	40	39	39	38
27	36	35	35	37	39	41	40	39	37	35	35	35	35	34	33	32	31	30	29
39	36	33	31	28	25	23	19	15	11	7	1	-5	-6	-4	-2	-1	-2	-3	-3
-3	-5	-9	-10	-11	-11	-11	-11	-11	-11	-11	-11	-10	-8	-8	-11	-13	-15	-17	-18
-20	-21	-22	-23	-25	-28	-30	-32	-33	-34	-37	-39	-43	-48	-52	-55	-57	-60	-63	-65
-68	-71	-73	-76	-80	-82	-78	-73	-69	-64	-62	-61	-60	-58	-53	-50	-49	-50	-53	-53
-49	-49	-49	-49	-47	-44	-40	-38	-37	-38	-38	-37	-35	-32	-28	-26	-23	-20	-17	-14
-13	-13	-13	-15	-15	-14	-14	-13	-13	-13	-12	-11	-9	-6	-1	0	0	-1	-1	0
2	3	3	3	2	0	1	5	9	11	11	14	16	17	19	22	26	28	31	34

35	33	30	30	29	30	34	35	35	36	37	37	37	34	30	26	21	18	16	15
14	13	10	8	5	13	5	8	11	13	14	14	14	14	17	21	26	32	36	38
39	39	37	35	34	33	34	35	33	32	33	35	35	38	40	40	38	35	34	35
35	35	35	35	35	35	36	37	38	40	42	43	43	44	43	41	38	34	29	25
23	21	20	20	20	22	23	20	17	15	13	9	6	6	6	6	6	6	7	8
8	8	9	10	11	7	7	5	4	1	-2	-4	-4	-8	-13	-17	-23	-27	-30	-32
-32	-33	-33	-33	-31	-30	-30	-32	-35	-38	-40	-43	-43	-44	-45	-47	-50	-52	-54	-54
-51	-47	-45	-44	-43	-42	-44	-47	-49	-50	-51	-52	-52	-54	-56	-56	-55	-52	-50	-47
-44	-42	-40	-36	-28	-24	-22	-20	-18	-17	-15	-12	-9	-9	-8	-6	-4	-2	0	0
1	3	5	9	14	15	17	18	18	18	18	17	17	16	16	16	15	14	13	12
11	11	10	9	5	5	5	6	6	6	6	6	6	6	6	6	5	5	6	6
6	7	10	12	13	15	17	21	23	23	21	20	20	19	17	15	11	7	5	2
-1	-1	0	2	4	7	10	10	10	10	10	10	10	9	10	12	13	10	8	7
5	6	9	9	3	0	-4	-6	-9	-12	-13	-12	-7	-7	-10	-10	-12	-13	-14	-13
-11	-10	-8	-7	-3	-4	-8	-11	-10	-7	-6	-4	-4	-4	-4	-2	0	2	3	3
4	3	1	1	2	5	7	9	11	13	15	17	17	17	16	15	14	14	15	15
4	3	1	2	5	5	7	9	11	31	31	30	29	29	27	28	31	32	32	32
15	16	16	17	23	27	28	27	29	17	15	12	9	9	5	3	3	4	5	6
32	32	31	29	23	16	16	16	17	17	14	-14	-14	-14	-14	-15	-17	-19	-20	-21
5	5	4	3	-1	-2	-3	-6	-9	-12	-14	-21	-21	-19	-19	-18	-18	-16	-12	-9
-25	-29	-31	-32	-32	-32	-33	-32	-31	-30	-26	-21	-21	-19	-19	-18	-18	-16	-12	-9
-8	-9	-9	-9	-11	-10	-8	-5	-4	-3	-2	-2	-2	-2	-3	-3	-4	-5	-7	-7
-13	-14	-13	-11	-11	-10	-10	-11	-12	-13	-13	-14	-14	-16	-19	-21	-20	-19	-18	-14
13	15	14	13	9	8	8	9	8	7	6	6	6	7	8	10	11	10	9	8
9	9	10	10	5	0	-4	-4	-4	-4	-4	-3	-3	-3	-4	-6	-7	-8	-8	-8
-8	-9	-10	-9	-9	-2	-4	-2	-2	-2	-2	-1	-1	1	3	3	3	1	1	-2
-4	-5	-7	-8	-9	-10	-10	-10	-10	-8	-6	-6	-6	-6	-4	-2	0	3	5	6
7	7	8	10	13	14	13	14	14	15	17	20	20	21	24	28	30	31	27	24
22	22	22	22	24	25	25	25	24	23	21	20	20	20	21	21	19	18	17	19
21	22	23	20	16	18	18	18	17	19	20	20	20	18	15	13	10	7	4	4
3	2	0	-2	-8	-15	-15	-19	-22	-25	-25	-24	-24	-24	-26	-29	-31	-30	-30	-32
-32	-33	-33	-33	-30	-26	-24	-23	-23	-25	-24	-20	-20	-17	-17	-18	-18	-21	-25	-23
-17	-14	-12	-10	-7	-6	-5	-3	-1	1	5	10	9	11	8	4	-1	-3	-3	-2
-1	1	5	8	8	5	4	4	5	6	8	9	9	8	7	8	9	11	12	13
14	13	10	8	12	11	9	11	12	11	8	8	9	9	11	9	9	11	12	13

IIIN191 71.119.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 411 2516 VIA TEJON, GROUND LEVEL, PALOS VERDES ESTATES, CAL.
 INSTR PERIOD = 0.0660 SEC DAMPING = 0.564 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -40.1 CM/SEC/SEC AT 5.46 SEC VELO = 5.0 CM/SEC AT 52.96 SEC DISP = -3.4 CM AT 52.00 SEC

3510 INSTRUMENT AND BASELINE CORRECTED DATA										AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELD = 0.14402 CM/SEC										INITIAL DISP = -0.16076 CM									
57	62	99	129	105	53	4	-39	-48	-35	-53	-78	-45	41	84	52	21	17	8	-20
-48	-43	-1	73	121	115	75	23	-28	-80	-131	-159	-151	-96	2	91	133	132	96	48
-6	-46	-44	-30	-25	-34	-37	-29	-25	-60	-131	-174	-174	-163	-148	-129	-107	-80	-42	-22
12	23	68	117	130	122	110	91	82	68	-12	-58	-75	-54	-4	45	75	76	54	29
-185	-145	-60	30	66	64	63	66	84	99	35	-2	-16	-40	-103	-155	-167	-154	-157	-183
-3	-13	-9	-32	-74	-85	-23	70	96	49	68	1	-37	-49	-64	-70	-38	15	42	26
9	85	144	160	122	23	-78	-130	-138	-102	-14	102	188	241	204	87	8	13	72	138
185	178	122	39	-18	-25	-22	-29	-34	-26	0	23	20	3	-3	-27	-87	-147	-172	-182
-204	-207	-181	-122	-15	93	168	177	133	63	-8	-43	-36	11	72	95	84	87	98	65
-14	-69	-66	-18	28	31	18	8	-17	-20	23	58	60	62	61	49	51	69	80	50
-12	-91	-169	-205	-188	-101	30	146	223	218	139	61	7	-35	-63	-84	-110	-137	-152	-151
-145	-138	-113	-67	-9	75	146	163	161	171	153	106	63	48	46	36	22	10	25	67
106	104	67	44	62	86	92	107	120	77	-46	-217	-353	-401	-370	-284	-197	-167	-178	-180
-145	-82	5	114	204	216	152	64	-16	-71	-99	-115	-106	-49	53	145	181	154	95	42
37	79	126	142	101	25	-33	-55	-46	-23	6	45	65	44	24	11	-5	-10	-7	-21
-36	-38	-37	-43	-66	-96	-125	-143	-144	-126	-92	-62	-43	-18	29	91	142	151	128	104
79	53	23	2	2	22	23	-13	-61	-92	-99	-95	-81	-54	-22	-2	-16	-53	-87	-102
-95	-49	38	144	230	278	292	253	173	61	-51	-122	-138	-99	-16	48	70	88	108	95
49	-23	-111	-198	-259	-263	-212	-122	-37	-8	-25	-47	-57	-72	-93	-94	-61	-6	47	76
75	75	74	46	11	2	8	19	28	31	30	15	-10	-20	-6	16	39	52	50	60
77	67	34	-8	-36	-29	8	48	58	27	11	24	33	33	36	52	56	15	-50	-93
-85	-33	50	132	173	187	179	131	49	-32	-98	-155	-169	-136	-106	-105	-126	-151	-165	-156
-133	-101	-62	-13	51	108	151	176	175	173	176	174	145	84	6	-74	-130	-153	-136	-136
-112	-91	-82	-71	-48	-7	43	73	69	53	44	38	20	7	16	37	66	97	112	102
79	58	31	-18	-71	-103	-123	-138	-150	-146	-118	-82	-49	-45	-59	-60	-39	-12	16	60
108	131	109	56	8	-16	-14	5	23	25	4	-10	1	19	25	29	43	55	52	44
50	59	53	28	-7	-40	-46	-35	-36	-38	-22	-11	-31	-68	-96	-124	-166	-189	-161	-102
-32	33	77	95	80	47	10	-20	-15	16	51	72	75	80	99	126	154	167	152	120
89	59	27	3	-3	0	4	12	15	6	3	15	23	14	-1	-11	-21	-33	-45	-54
-59	-49	-39	-49	-75	-97	-109	-115	-120	-119	-109	-87	-52	-16	0	3	10	25	42	56
69	91	118	132	127	108	83	63	51	46	43	38	38	46	49	33	8	-18	-34	-39
-38	-28	-10	-3	-13	-31	-51	-62	-58	-60	-75	-94	-110	-111	-91	-53	-7	36	66	71
53	29	10	-2	-10	-11	-1	13	27	32	10	-29	-56	-60	-43	-7	30	53	58	57
48	18	-17	-44	-62	-64	-47	-21	-2	1	0	6	15	23	20	7	-12	-35	-55	-60
-55	-39	-18	1	4	-19	-51	-80	-100	-110	-102	-84	-64	-46	-35	-28	-19	-9	-3	-2
0	4	14	30	43	46	42	41	45	53	61	71	82	90	86	74	58	39	26	24
21	8	-11	-31	-45	-51	-54	-57	-55	-41	-24	-18	-21	-24	-20	-13	-5	8	25	39
52	58	55	50	45	33	15	-4	-18	-22	-15	0	19	36	43	35	28	36	49	57
58	48	32	14	-2	-15	-29	-29	-9	4	-4	-13	-11	-4	2	4	12	33	61	79

77	60	29	0	-8	2	27	58	78	78	62	41	25	17	13	12	18	24	25	17
6	3	14	32	25	-8	-42	-69	-89	-103	-107	-99	-88	-78	-66	-52	-35	-26	-31	-41
-48	-54	-50	-39	-28	-20	-17	-14	-8	-1	5	11	18	26	33	45	58	61	65	70
71	67	59	53	52	54	53	42	17	-15	-43	-65	-78	-81	-72	-55	-40	-31	-32	-45
-60	-61	-53	-45	-41	-45	-54	-67	-80	-88	-82	-66	-48	-37	-27	-8	10	18	23	31
41	48	60	73	80	81	75	57	32	9	-4	-6	-1	12	32	50	65	73	64	35
0	-27	-36	-29	-19	-10	-9	-16	-26	-39	-54	-65	-61	-48	-38	-32	-24	-16	-12	-10
-2	18	39	55	70	75	70	58	42	30	26	27	23	10	-7	-23	-30	-28	-26	-31
-44	-63	-87	-115	-138	-137	-117	-92	-67	-50	-41	-35	-28	-16	0	20	37	55	70	79
84	88	88	81	71	65	64	63	59	52	38	14	-12	-36	-59	-82	-101	-106	-98	-85
-77	-78	-84	-90	-91	-80	-63	-44	-24	-6	10	21	31	40	44	42	40	47	62	77
91	91	78	66	62	59	53	48	46	42	35	26	18	15	19	30	46	55	48	27
2	-20	-37	-45	-38	-20	-5	4	8	12	17	22	24	26	26	22	12	19	-1	-23
-34	-49	-67	-82	-86	-79	-66	-52	-40	-27	-15	-12	-9	-3	4	12	19	26	30	29
35	53	74	95	105	106	100	85	62	36	12	-4	-8	-10	-17	-27	-30	-26	-22	-16
-10	0	15	27	35	35	32	30	28	24	20	19	25	39	57	71	78	76	60	38
19	7	6	13	21	27	25	21	16	9	0	-1	8	19	27	32	29	20	10	-4
-23	-41	-48	-46	-40	-33	-28	-33	-45	-53	-54	-50	-40	-25	-14	-6	-2	-2	-4	-7
-13	-23	-34	-41	-45	-45	-45	-43	-36	-28	-24	-25	-25	-22	-23	-27	-27	-20	-18	-28
-37	-38	-36	-32	-29	-20	-14	-14	-19	-25	-21	-9	-1	-1	-3	-5	-8	-12	-20	-27
-31	-31	-28	-23	-20	-22	-25	-28	-26	-19	-13	-9	-3	1	1	-2	-9	-20	-29	-38
-40	-37	-34	-26	-18	-14	-11	-8	-5	-3	-2	-2	0	3	4	-4	-21	-45	-66	-77
-76	-66	-55	-45	-40	-40	-39	-38	-37	-33	-26	-17	-7	-1	4	13	25	36	49	62
75	85	89	86	77	65	53	46	44	45	50	58	65	70	71	71	72	68	59	50
40	31	22	17	15	10	4	2	-3	-8	-5	1	6	12	18	25	31	38	47	51
50	46	38	30	21	11	4	-1	-6	-14	-24	-37	-46	-44	-38	-34	-34	-35	-33	-35
-41	-42	-36	-30	-26	-27	-25	-21	-17	-11	-6	-4	0	11	24	36	45	50	54	61
64	63	65	74	86	92	95	97	83	83	68	52	40	32	26	21	19	18	13	3
-7	-18	-29	-39	-45	-49	-48	-43	-37	-30	-20	-9	-2	2	5	6	7	5	1	-10
-26	-39	-46	-52	-63	-73	-80	-80	-77	-71	-64	-55	-47	-43	-42	-36	-26	-15	-3	8
20	35	49	61	72	80	84	84	81	72	61	52	43	33	21	11	2	-6	-14	-26
-47	-70	-85	-97	-111	-121	-124	-120	-112	-104	-98	-96	-94	-88	-79	-67	-50	-32	-18	-5
6	11	15	24	34	44	49	43	28	12	1	-4	-9	-15	-26	-38	-47	-54	-59	-63
-66	-68	-71	-75	-81	-87	-93	-96	-95	-88	-76	-59	-38	-21	-3	22	48	72	94	111
118	118	117	113	104	98	95	92	88	80	67	52	43	42	47	53	53	40	26	15
7	8	14	14	11	8	9	10	10	10	11	15	20	24	26	30	32	24	13	6
1	-4	-7	-9	-11	-11	-11	-12	-15	-16	-12	-7	-1	8	18	28	39	49	57	65
72	81	88	92	99	109	114	114	111	105	95	84	70	56	46	34	18	4	-11	-27
-40	-48	-46	-42	-45	-52	-59	-63	-59	-49	-41	-36	-41	-47	-47	-39	-30	-18	-4	4
5	2	-4	-12	-18	-23	-25	-28	-28	-30	-28	-29	-32	-36	-41	-46	-47	-44	-38	-31
-22	-14	-11	-6	4	14	23	30	40	55	72	87	100	98	83	64	45	27	14	9
-136	-134	-127	-115	-101	-92	-91	-95	-97	-92	-84	-77	-65	-45	-26	-96	-108	-118	-126	-132
72	74	77	82	86	87	87	87	88	84	79	78	79	80	78	74	62	23	43	62
-21	-30	-32	-31	-29	-29	-31	-34	-37	-39	-39	-41	-43	-44	-46	-47	-45	-39	-30	-20
-13	-8	-9	-13	-16	-12	-12	-12	-12	-14	-19	-25	-25	-21	-15	-10	-6	-2	2	5
7	8	14	17	16	12	9	7	6	8	10	13	16	21	32	46	59	72	79	80
78	71	65	61	62	65	67	65	62	59	57	50	42	33	22	10	1	-2	2	7
15	25	33	36	38	39	37	31	18	5	-1	-2	-3	-6	-9	-13	-18	-23	-25	-25
-23	-16	-9	-5	0	5	11	14	13	13	15	18	25	33	40	48	56	63	65	63

59	53	48	43	38	31	22	10	2	-3	-9	-16	-23	-29	-33	-36	-40	-43	-47	-50
-54	-60	-65	-66	-61	-54	-48	-43	-33	-23	-15	-7	0	7	8	6	6	10	17	20
19	18	17	19	21	23	25	26	25	23	20	17	16	14	8	-2	-15	-28	-40	-49
-53	-52	-50	-49	-48	-52	-55	-53	-50	-45	-39	-33	-29	-27	-25	-24	-25	-23	-18	-13
-11	-4	0	1	-1	-5	-6	-6	-5	-4	-1	2	5	8	12	14	10	5	3	0
-2	-2	0	4	8	10	11	12	12	11	11	13	15	14	7	-1	-10	-19	-24	-25
-27	-26	-24	-21	-16	-11	-7	-2	1	4	7	12	16	20	21	22	23	24	25	28
32	34	34	32	33	35	37	36	35	31	27	23	23	21	16	10	7	4	-2	-8
-12	-14	-14	-11	-6	-4	-4	-4	-3	-2	-4	-6	-9	-15	-22	-26	-29	-30	-32	-35
-38	-41	-43	-46	-49	-52	-52	-49	-42	-32	-21	-13	-13	-15	-14	-14	-13	-11	-7	-3
0	3	5	4	2	2	3	4	6	5	1	-3	-4	-5	-5	-6	-7	-7	-7	-8
-10	-11	-11	-12	-17	-22	-24	-23	-22	-20	-17	-15	-12	-9	-6	-6	-5	-3	-2	-4
-4	-1	3	5	6	4	1	-1	-2	-2	0	5	11	17	19	16	14	14	14	13
13	15	21	28	35	36	31	28	27	28	30	29	25	21	18	16	15	12	12	15
18	19	20	18	17	16	16	20	26	33	38	44	49	52	54	55	56	57	61	65
68	73	76	75	70	64	59	53	52	51	50	48	46	42	38	33	27	21	17	12
7	1	-4	-9	-16	-24	-31	-37	-44	-49	-50	-50	-50	-49	-49	-49	-49	-49	-49	-49
-49	-51	-53	-53	-50	-46	-42	-38	-34	-32	-31	-31	-31	-28	-25	-25	-28	-30	-30	-29
-28	-26	-20	-14	-13	-15	-16	-13	-15	-19	-21	-19	-14	-7	3	12	17	22	26	25
22	16	10	4	0	-3	-5	-6	-7	-8	-8	-8	-9	-13	-18	-23	-30	-37	-43	-47
-49	-49	-47	-44	-40	-36	-33	-30	-27	-23	-20	-18	-16	-15	-16	-17	-22	-27	-27	-21
-13	-3	7	14	15	13	8	2	2	5	10	17	25	33	41	42	40	39	37	36
38	41	42	43	43	44	43	40	37	31	27	25	23	26	25	23	22	20	19	16
11	4	-2	-8	-14	-15	-14	-11	-8	-8	-9	-10	-11	-11	-10	-9	-6	-4	-2	-3
-5	-5	-5	-2	1	4	6	10	13	12	10	7	5	3	3	3	3	2	2	3
2	1	-1	-2	-5	-8	-13	-16	-17	-20	-24	-26	-27	-30	-32	-35	-36	-36	-35	-33
-31	-29	-26	-23	-21	-19	-17	-15	-11	-8	-3	-1	6	10	9	8	9	10	10	12
14	16	16	14	11	7	3	-1	-3	-3	-2	-1	0	0	0	-2	-5	-7	-9	-8
-8	-9	-9	-9	-7	-3	0	0	1	2	4	7	11	14	16	19	22	24	25	25
25	26	26	30	34	36	37	38	38	37	36	35	31	29	29	28	28	31	34	36
38	39	41	42	41	38	35	32	31	30	28	26	26	28	33	36	37	37	35	32
30	33	35	36	36	34	32	31	28	22	14	9	8	6	4	1	0	-3	-7	-10
-12	-13	-16	-18	-19	-20	-23	-29	-33	-36	-37	-38	-34	-28	-24	-20	-16	-14	-13	-12
-40	-44	-47	-47	-45	-44	-45	-46	-49	-51	-54	-56	-57	-56	-57	-59	-61	-64	-65	-67
-68	-68	-70	-71	-70	-70	-70	-67	-61	-55	-52	-51	-48	-46	-44	-41	-39	-38	-38	-37
-36	-35	-34	-32	-30	-28	-27	-27	-26	-29	-31	-29	-26	-22	-19	-16	-13	-10	-9	-7
-7	-8	-11	-12	-11	-11	-10	-9	-8	-6	-4	-1	2	6	9	7	6	6	8	9
10	11	14	18	21	24	28	30	30	29	26	25	27	31	33	37	41	44	48	49
48	51	54	59	64	68	72	76	78	78	75	75	76	75	74	74	73	72	71	71
70	68	67	67	65	63	63	64	67	69	69	71	73	76	78	80	82	83	81	78
76	73	71	69	66	65	65	65	65	62	58	55	49	44	41	36	32	26	18	13
9	6	6	6	5	6	6	3	-1	-5	-11	-17	-22	-25	-29	-32	-33	-35	-37	-38
-38	-40	-42	-43	-42	-41	-43	-46	-47	-48	-49	-50	-50	-50	-50	-51	-53	-53	-49	-46
-46	-45	-44	-42	-42	-43	-43	-42	-42	-42	-41	-40	-42	-45	-46	-48	-53	-57	-61	-63
-63	-62	-59	-56	-54	-55	-57	-57	-54	-49	-46	-44	-42	-41	-40	-38	-36	-34	-32	-32
-30	-29	-30	-31	-33	-35	-37	-39	-38	-36	-38	-41	-43	-41	-38	-36	-33	-31	-30	-31
-32	-32	-32	-32	-31	-28	-25	-22	-18	-15	-15	-16	-17	-15	-14	-15	-15	-15	-16	-17
-17	-16	-15	-12	-9	-7	-6	-5	-3	-2	0	3	5	5	5	6	5	5	7	12
15	19	23	29	33	34	36	37	37	37	39	41	43	44	45	47	50	53	54	55

IIIN191 71.119.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 411 2516 VIA TEJON, GROUND LEVEL, PALOS VERDES ESTATES, CAL.
 INSTR PERIOD = 0.0600 SEC DAMPING = 0.563 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 18.9 CM/SEC/SEC AT 1.54 SEC VELO = 2.2 CM/SEC AT 29.14 SEC DISP = -1.4 CM AT 28.46 SEC

3511 INSTRUMENT AND BASELINE CORRECTED DATA										AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = -0.54140 CM/SEC										INITIAL DISP = -0.17397 CM									
25	25	28	2	-37	-57	-12	105	153	30	-130	-109	6	5	-23	46	119	98	47	16
4	12	34	56	58	44	42	53	29	-40	-110	-123	-64	14	80	108	81	16	-41	-60
-39	16	67	67	15	-51	-64	-13	-12	-57	-32	15	-15	-88	-116	-92	-20	58	63	14
-10	-41	-92	-98	-28	56	56	10	-9	-14	-21	-21	-22	-26	-37	-6	103	189	144	10
-71	-55	-18	-11	0	34	74	67	4	-56	-44	36	63	29	7	23	49	36	-5	-34
-25	-5	-1	-23	-41	-39	-31	7	47	22	-9	8	11	-27	-47	-30	-13	-12	-30	-44
-6	33	-2	-67	-27	108	130	17	-57	-45	-35	-33	-22	-30	-4	66	72	9	-13	0
-17	-4	66	102	45	-28	-65	-78	-58	-19	10	50	100	62	-45	-88	-72	-88	-113	-36
122	183	114	32	-16	-53	-73	-48	1	37	2	-97	-143	-87	8	77	119	139	101	29
-18	-45	-59	-40	-10	-1	17	47	33	-19	-71	-76	-40	-19	-37	-28	37	88	70	-2
-47	-40	-46	-105	-127	-76	-32	-10	32	73	53	24	27	-19	-94	-82	9	89	131	140
108	36	-43	-48	4	-1	-41	-23	1	-31	-55	-41	15	15	65	48	-17	-49	-49	-36
-9	20	17	4	33	49	-3	-22	-1	-14	-38	3	82	97	55	-2	-26	-20	-28	-19
-14	-65	-127	-121	-83	-58	-7	80	155	164	85	-17	-87	-100	-55	3	-7	-72	-124	-135
-80	27	119	161	167	139	67	-6	-30	-39	-77	-82	-14	26	-8	-42	-17	40	49	35
52	68	37	-18	-22	9	18	-17	-68	-64	-40	-63	-66	-1	30	12	37	96	128	92
32	3	-8	-22	-4	36	18	-46	-48	-12	-34	-92	-107	-53	39	80	26	-39	-50	-23
6	15	19	24	23	6	-11	3	43	79	113	130	97	41	26	41	41	2	-69	-118
-104	-56	-27	-18	7	29	34	45	60	53	21	-14	-37	-50	-62	-76	-63	-37	-39	-55
-60	-48	-13	22	26	18	30	32	26	47	87	85	23	-39	-43	-12	-4	7	45	92
133	137	98	57	28	-12	-60	-84	-73	-54	-51	-44	-15	6	26	66	84	63	48	55
36	-21	-70	-89	-73	-45	-28	-36	-49	-20	42	76	39	-19	-24	2	-7	-59	-114	-131
-102	-46	-11	-3	34	93	139	147	114	45	-48	-96	-62	11	57	41	-7	-20	6	26
39	55	78	89	67	14	-43	-73	-57	-1	37	45	57	66	43	-10	-56	-60	-28	-17
-29	-32	-40	-59	-46	-16	-25	-64	-73	-24	21	16	5	12	29	54	69	50	14	1
17	30	22	19	47	71	51	18	6	-3	-3	-6	-53	-110	-110	-51	7	21	7	0
2	-11	-39	-67	-74	-51	-29	-23	-39	-64	-73	-64	-59	-54	-34	-7	3	-6	-6	2
14	32	33	18	8	21	49	61	53	34	0	-38	-41	6	40	32	23	27	12	-16
-15	19	48	50	35	7	-20	-16	0	-8	-40	-75	-108	-134	-134	-94	-71	-81	-83	-62
-43	-40	-39	-29	-37	-52	-48	-27	-1	34	69	75	53	39	49	69	86	90	59	26
29	42	31	2	-15	-14	-16	-15	-11	-19	-32	-28	-12	-11	-23	-42	-66	-88	-92	-67
-20	22	40	48	71	92	83	53	27	13	9	18	38	43	14	-20	-30	-19	-6	4
-3	-33	-60	-51	-23	-8	-9	-5	9	19	14	-19	6	33	54	56	61	82	82	34
-30	-68	-61	-30	-8	-13	-33	-33	-29	-47	-52	-19	10	5	-10	-6	14	17	-9	-9
-23	-22	-6	8	15	27	53	73	72	65	62	50	32	27	32	33	18	-13	-40	-40
-20	1	23	33	31	39	47	39	27	16	1	6	32	59	74	70	56	43	22	-12
-34	-14	31	52	41	15	-6	-15	-14	-14	1	14	26	35	39	24	11	22	35	28
6	-13	-21	-24	-17	-3	-4	-23	-34	-27	-23	-19	-5	3	-1	-17	-26	-8	20	36
29	11	-6	-21	-32	-37	-34	-22	-4	3	-7	-8	5	3	-13	-15	2	16	14	16
29	27	13	16	16	7	10	31	43	32	15	4	-7	-26	-49	-60	-48	-27	-11	-6

-16	-30	-34	-45	-54	-44	-25	-12	-11	-11	16	21	19	19	24	23	1	-29
-57	-69	-54	-11	-8	-17	-27	-26	-17	-8	2	5	2	-11	-29	-38	-30	-18
-11	-13	-14	4	-8	-18	-26	-30	-21	-6	7	0	-15	-24	-29	-18	4	14
5	3	6	26	28	26	20	13	2	-13	-17	2	25	34	36	31	11	0
16	34	34	19	28	11	-7	-25	-24	-7	-8	-22	-20	-17	-38	-61	-73	-74
-60	-38	-21	4	21	37	31	24	38	49	46	58	53	35	34	39	26	5
-12	-33	-55	-41	-33	-32	-30	-29	-43	-52	-34	2	-7	-12	-3	0	-5	-9
-3	6	13	8	-3	-16	-22	-17	-3	18	31	17	3	-3	6	24	45	62
75	77	60	18	28	43	41	28	16	19	26	8	2	7	13	9	2	0
-1	-5	-10	-27	-27	-21	-14	-8	-3	3	8	1	-10	-11	-5	-3	-9	-18
-35	-51	-50	-29	-25	-31	-29	-8	16	32	41	51	41	26	16	6	2	10
17	19	20	7	-10	-17	-10	0	1	-9	-21	-35	-20	4	27	38	42	47
52	48	34	23	19	12	2	-4	-6	-9	-15	-3	10	11	-10	-38	-51	-48
-41	-37	-39	-36	-32	-34	-33	-21	-10	-5	-5	-21	-34	-46	-53	-64	-77	-77
-62	-42	-30	-2	13	16	13	14	25	36	35	5	5	10	2	-2	8	24
28	18	6	14	24	26	19	10	0	-6	-1	4	4	16	26	25	21	18
18	19	18	10	6	6	-1	-15	-21	-21	-31	-26	1	-19	-12	-9	-14	-16
-18	-20	-20	-6	-1	-2	3	8	6	7	10	12	15	17	20	22	21	17
14	15	16	6	2	5	1	-10	-14	-5	4	-7	6	20	21	15	18	27
27	20	21	46	47	39	30	20	14	11	12	26	30	24	16	10	12	10
10	20	28	24	17	10	2	-9	-11	5	16	21	33	43	40	25	7	-5
-10	-16	-12	-6	-7	-15	-17	-19	-30	-33	-21	-13	-13	-11	-6	2	11	21
30	32	31	44	42	29	15	8	8	13	18	0	-10	-13	-23	-37	-37	-30
-27	-24	-23	-30	-36	-37	-32	-26	-20	-15	-17	-14	-5	0	-1	-5	-11	-22
-31	-24	-15	-17	-6	-8	-18	-10	3	3	-5	-26	-33	-30	-25	-23	-19	-21
-27	-24	-23	-40	-38	-29	-21	-20	-27	-29	-27	-22	-17	-16	-15	-10	-12	-14
-9	-13	-26	-31	-27	-30	-29	-21	-19	-24	-24	-7	-10	-10	7	19	9	-14
-24	-16	-13	-19	-10	1	6	4	1	0	-3	11	22	21	9	-1	-3	1
8	12	6	-3	7	10	4	6	17	17	8	-3	1	11	23	36	47	53
55	53	45	35	37	34	30	29	27	21	3	-15	-8	-4	-7	-12	-13	-12
-15	-19	-24	-30	-22	-8	2	9	19	26	22	7	2	19	45	53	39	28
35	35	26	27	24	24	34	44	40	27	17	11	11	10	10	14	18	18
22	29	35	51	67	75	75	75	69	58	48	37	32	25	11	-4	-10	-8
-8	-12	-19	-20	-22	-28	-32	-30	-24	-21	-23	-14	-7	-7	-7	-7	-2	10
17	9	-3	-24	-28	-30	-31	-31	-31	-35	-38	-22	-13	-13	-16	-16	-19	-20
-21	-22	-23	-13	-13	-17	-21	-21	-17	-7	0	13	23	18	4	3	11	14
12	5	0	-2	-1	-1	-5	-17	-33	-41	-39	-39	-43	-48	-47	-37	-29	-30
-37	-42	-43	-27	-15	-8	-12	-19	-25	-28	-26	-19	-4	-4	-7	-11	-15	-17
-19	-22	-26	-29	-30	-24	-17	-12	-7	-6	-8	6	6	4	8	15	22	26
22	14	15	32	32	26	25	27	30	33	26	17	23	20	9	2	1	-3
-13	-19	-13	-6	-11	-14	-14	-6	3	8	11	15	9	-2	-8	-2	3	2
-1	-4	-5	0	16	17	12	6	0	3	16	21	13	10	11	12	10	6
5	12	22	27	19	24	33	35	27	21	25	28	23	22	27	32	27	21
17	16	22	30	40	46	38	26	19	15	13	23	19	9	1	-1	-2	-9
-14	-17	-17	-18	-25	-22	-10	-2	-2	2	9	11	18	19	18	10	10	5
0	-2	2	0	-25	-22	-14	16	16	17	18	17	17	15	15	20	13	3
-6	-14	-20	-25	-28	-34	-41	-47	-49	-51	-50	-53	-58	-59	-56	-48	-43	-46
-56	-59	-51	-33	-32	-36	-36	-31	-27	-30	-33	-35	-36	-36	-37	-41	-40	-35
-28	-21	-19	-15	-15	-15	-11	-10	-12	-13	-12	-4	7	14	15	15	17	20
22	20	16	16	20	21	13	3	-5	-7	-7	-5	-1	2	-1	-4	-4	-3

-5	-3	0	0	-2	-1	4	13	21	21	19	23	30	34	32	32	35	39	39
37	41	46	44	37	33	36	39	40	42	45	44	38	34	32	33	37	34	30
29	28	29	29	29	28	25	20	17	19	21	27	30	28	26	25	18	17	19
21	21	21	17	10	2	-4	-6	-7	-10	-16	-23	-27	-29	-29	-29	-34	-39	-38
-34	-30	-27	-26	-25	-25	-30	-32	-25	-16	-14	-17	-18	-16	-14	-11	-8	-11	-13
-14	-14	-17	-23	-27	-25	-22	-21	-24	-23	-19	-18	-19	-23	-25	-27	-29	-33	-36
-36	-33	-31	-28	-26	-25	-24	-22	-15	-6	-5	-8	-11	-11	-13	-13	-9	-7	-6
-6	-8	-9	-9	-6	-3	-3	-6	-10	-12	-14	-14	-15	-17	-21	-21	-16	-16	-19
-17	-12	-9	-11	-12	-14	-12	-5	2	11	17	18	22	27	29	31	34	32	32
34	34	32	32	28	23	19	21	28	30	24	14	10	16	23	27	24	20	19
20	24	29	32	32	31	34	36	36	36	35	31	24	20	20	23	27	22	16
16	17	18	18	18	19	20	17	13	9	2	-1	4	11	14	11	-5	-7	-4
-2	-2	-5	-8	-12	-16	-21	-26	-29	-29	-24	-19	-19	-18	-18	-19	-25	-29	-30
-27	-24	-18	-12	-11	-15	-18	-18	-13	-6	-4	-5	-3	1	-1	-8	-23	-23	-17
-13	-14	-14	-14	-17	-22	-22	-18	-17	-19	-22	-22	-20	-16	-14	-16	-22	-22	-21
-20	-17	-15	-14	-12	-7	-1	2	3	3	3	7	10	10	10	10	4	2	5
7	8	7	7	8	8	6	7	8	6	1	-1	4	9	13	15	16	18	20
21	22	20	18	18	20	24	26	26	24	21	20	20	20	20	21	24	27	22
21	22	22	22	23	23	20	18	16	12	8	4	0	-6	-13	-16	-11	-11	-13
-16	-16	-15	-15	-13	-11	-6	-4	-6	-6	-3	-4	-7	-10	-13	-11	-6	-4	-7
-5	-1	3	4	-1	-7	-8	-6	-6	-9	-13	-16	-16	-16	-16	-16	-17	-20	-23
-23	-20	-15	-8	-5	-9	-14	-15	-12	-9	-7	-5	-1	2	1	-3	-7	-10	-14
-14	-14	-10	-7	-3	-1	-5	-9	-14	-15	-11	-7	-3	-3	-3	-10	0	2	1
2	4	4	3	3	3	2	3	4	4	-1	-7	-10	-10	-10	-10	-12	-12	-12
-11	-9	-6	-4	-5	-8	-9	-6	-3	-1	-1	-4	-9	-11	-11	-10	-3	2	3
2	-1	1	4	3	1	2	5	11	16	18	18	18	17	16	16	15	15	17
18	18	18	18	18	18	17	15	11	6	6	8	10	10	10	10	11	14	15
16	17	17	18	19	19	19	18	17	16	19	20	17	15	14	12	11	13	13
12	11	10	6	4	5	5	1	-5	-9	-10	-10	-9	-6	-2	2	7	8	2
1	2	2	2	1	2	3	5	7	7	6	6	7	8	-2	2	2	5	7
6	4	3	3	1	-2	-3	-2	-4	-6	-7	-11	-16	-16	-16	-15	-13	-15	-14
-14	-15	-17	-16	-17	-19	-21	-19	-16	-16	-17	-21	-24	-23	-17	-13	-15	-16	-16
-18	-21	-21	-20	-20	-22	-25	-26	-24	-24	-26	-25	-23	-18	-15	-16	-19	-19	-21
-23	-25	-24	-21	-20	-22	-21	-18	-15	-12	-11	-10	-9	-4	2	7	11	9	7
6	7	9	11	13	16	20	21	20	17	19	25	29	29	26	26	28	28	29
28	26	26	23	18	16	16	17	18	19	16	14	12	8	6	6	8	11	15
17	18	18	18	19	21	25	26	26	27	27	28	26	21	19	23	24	23	21
18	15	13	12	11	11	9	6	4	3	3	1	-2	-3	-5	-7	0	1	-1
-5	-7	-9	-9	-8	-6	-7	-7	-6	-9	-13	-17	-19	-20	-21	-20	-21	-25	-29
-32	-34	-36	-37	-36	-35	-33	-33	-34	-36	-38	-39	-40	-40	-38	-36	-31	-27	-24
-23	-22	-20	-20	-20	-21	-22	-20	-18	-18	-18	-18	-18	-18	-17	-14	-9	-1	0
-3	-6	-5	-5	-4	-4	-5	-5	-4	-1	1	0	1	2	5	7	6	9	6
4	3	8	10	10	11	13	16	20	24	28	29	27	27	29	29	24	23	25
27	29	32	34	35	34	31	27	23	20	18	20	22	23	21	18	16	15	13
16	21	23	22	20	18	18	19	20	18	16	14	12	13	14	15	12	11	13
14	14	15	10	10	7	6	5	3	-1	-4	-6	-10	-13	-16	-17	-17	-16	-17
-16	-16	-14	-10	-10	-11	-9	-6	-4	-5	-6	-3	0	2	-2	-3	0	1	-1
-3	-5	-5	-3	-3	-1	-1	-3	-5	-6	-6	-6	-6	-6	-5	-3	-4	-6	-10
-12	-14	-14	-15	-18	-20	-21	-22	-23	-24	-24	-24	-24	-23	-21	-23	-21	-18	-15
-11	-10	-10	-9	-9	-7	-6	-6	-5	-4	-2	-2	-3	-3	-2	-2	-2	-2	-3

-4	-5	-4	-3	-2	-1	0	1	2	3	3	1	-2	-5	-6	-6	-5	-5
-8	-13	-17	-17	-16	-15	-6	-16	-13	-10	-10	-8	-6	-4	-3	-3	0	-1
0	0	-2	5	8	9	9	12	-6	12	18	17	18	19	18	17	15	7
7	5	4	15	15	15	12	15	13	13	13	14	11	10	10	10	11	13
15	15	15	18	18	20	20	23	22	23	22	21	21	16	16	16	18	19
13	15	17	17	18	20	22	23	22	19	19	18	15	13	13	14	12	9
19	18	17	5	2	-1	-4	-5	-6	-8	-9	-8	-11	-13	-13	-12	-11	-12
7	6	6	18	18	-1	-16	-14	-11	-12	-11	-14	-10	-8	-9	-12	-15	-18
-15	-16	-18	-13	-14	-15	-18	-21	-21	-23	-23	-21	-20	-19	-19	-18	-16	-16
-19	-16	-13	-16	-14	-15	-18	-21	-22	-23	-23	-21	-20	-19	-19	-18	-16	-16
-17	-18	-17	-16	-14	-12	-10	-8	-9	-13	-11	-11	-11	-10	-10	-11	-12	-13
-13	-11	-9	-8	-7	-4	-3	-1	-2	-4	2	4	2	3	3	0	-4	-3
3	5	1	-2	-2	-1	-3	-3	-5	-10	-8	-6	-7	-9	-10	-11	-9	-6
-3	-4	-7	-9	-7	-6	-5	-2	0	-7	-5	-5	-5	-6	-6	-7	-6	-2
1	-2	0	1	1	0	-2	0	3	4	6	7	5	6	9	11	11	9
9	11	13	13	13	12	13	13	16	19	22	22	18	19	25	31	32	27
21	22	25	28	28	29	33	36	36	33	35	38	38	34	33	33	29	23
19	19	18	15	15	13	12	12	11	7	6	3	0	2	2	-3	-5	-3
-1	-2	-2	-4	-6	-9	-12	-13	-14	-18	-20	-17	-15	-17	-18	-18	-16	-17
-22	-24	-25	-25	-25	-24	-23	-23	-23	-27	-29	-29	-28	-28	-28	-29	-27	-21
-19	-23	-25	-25	-23	-19	-16	-14	-16	-11	-10	-11	-11	-9	-8	-5	-1	2
5	7	6	3	3	5	10	20	17	16	15	16	13	11	15	20	20	20
21	24	29	27	27	22	18	18	16	26	21	13	12	13	14	16	16	12
8	8	7	4	4	-1	-5	-7	-5	-13	-7	-4	-10	-16	-18	-17	-19	-20
-20	-20	-19	-19	-19	-26	-25	-23	-23	-19	-20	-23	-25	-30	-31	-26	-23	-24
-24	-21	-22	-20	-20	-16	-17	-16	-17	-17	-13	-8	-4	-4	-4	-3	-2	2
5	7	6	5	5	7	7	11	9	12	12	12	14	17	21	21	19	18
20	23	22	20	20	21	23	20	21	21	24	22	20	20	20	20	21	22
21	20	22	20	20	12	10	12	10	12	9	8	7	4	2	1	2	4
6	2	-2	4	3	3	3	1	2	-1	-3	-5	-7	-8	-8	-8	-8	-7
-7	-9	-10	-6	-5	-7	-15	-1	-5	-4	-6	-6	-7	-9	-8	-5	-4	-3
-3	-7	-11	-13	-12	-15	-15	-12	-13	-18	-18	-16	-17	-19	-18	-16	-13	-12
1	-1	-2	-1	4	7	5	9	6	8	5	4	5	7	10	13	0	2
3	3	5	9	11	11	11	8	11	8	5	4	5	7	10	13	13	8
-2	-5	-4	-1	-1	-2	-3	-3	-4	4	3	5	8	6	3	1	0	-1

IIN192 71.129.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 449 2500 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0390 SEC DAMPING = 0.525 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 96.7 CM/SEC/SEC AT 6.22 SEC VELO = -14.8 CM/SEC AT 14.90 SEC DISP = 7.7 CM AT 14.38 SEC

1269 INSTRUMENT AND BASELINE CORRECTED DATA										AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = 0.11568 CM/SEC										INITIAL DISP = -0.28813 CM									
186	114	20	-37	-50	-45	-105	-65	5	43	81	45	-45	-31	37	128	37	-104	-151	-60
36	50	49	80	42	-31	-2	73	87	51	-122	-231	-187	-58	126	167	69	-32	-45	-53
-50	38	100	104	-43	-102	-59	6	-10	-14	43	63	-33	-114	-83	-36	-16	45	62	10
-22	-69	20	124	134	153	70	-23	-91	-78	11	65	60	41	-31	-15	45	60	49	-46
-164	-104	31	61	33	102	13	-131	-184	-155	-21	77	36	-138	-156	-62	39	97	138	29
-130	-125	-69	-61	23	47	4	-51	-128	-44	89	92	126	134	31	-25	-10	40	92	46
-26	41	69	6	52	131	167	42	-152	-83	36	30	91	127	64	-58	-164	-134	-102	-63
-113	-42	140	127	52	-8	-22	57	46	-69	-104	-54	-12	6	48	6	-102	-90	-70	-66
-78	-8	57	38	85	31	68	17	-54	-27	-3	60	140	181	100	-42	63	186	144	-26
-226	-128	25	55	45	117	100	-5	-56	-194	-171	9	144	78	70	44	-22	-17	-40	-122
-162	-11	133	42	-64	-59	-67	-53	59	199	237	308	299	290	306	194	115	92	-168	-338
-275	-146	67	121	-108	-431	-701	-756	-441	-195	-182	-80	83	91	-139	-334	-258	-135	-5	-40
119	331	335	178	-15	-66	-3	167	420	170	-348	-389	150	515	659	488	295	324	152	-188
-210	5	8	-173	12	265	75	-325	-435	3	12	-414	-324	38	196	196	-119	-464	-433	2
128	-297	-487	7	424	153	-162	-183	-216	-212	-194	-36	207	-87	-398	-373	-129	86	356	485
216	-382	-615	-132	335	348	210	4	-97	167	642	967	512	-90	-103	-59	15	2	-26	163
387	386	351	465	486	172	-138	-51	-105	-135	217	483	196	-212	-247	-83	-112	-335	-351	-178
-200	-315	-318	-452	-755	-853	-319	74	-177	-349	-184	51	10	-195	-101	-299	-794	-899	-428	83
79	-289	-355	148	742	783	576	401	177	217	207	170	297	475	635	554	-10	-534	-522	-314
-155	0	278	479	587	528	326	-7	-238	28	401	361	58	-154	-164	-45	53	114	258	342
253	133	-14	-15	3	16	-67	-287	-252	174	444	265	183	364	-114	-606	-329	35	229	408
285	-90	-166	-102	2	-55	-180	-195	-242	-384	-517	-526	-360	-136	-95	-360	-429	-208	-7	128
234	288	408	503	458	265	319	491	493	358	249	360	509	445	218	-31	-142	-178	-111	-106
-107	-20	14	10	29	96	32	-201	-309	-154	-41	-88	-43	192	379	308	-36	-587	-762	-514
-130	-62	-244	-435	-446	-175	-77	-108	117	261	79	-28	-61	-268	-617	-646	-190	75	-32	33
123	-42	-147	32	181	195	86	55	114	129	61	103	211	251	240	286	415	382	25	-217
-100	-176	-210	54	195	124	15	-64	-78	-48	-91	-65	84	126	197	245	129	-109	-470	-589
-422	-194	-123	-220	-351	-452	-551	-668	-629	-528	-431	-226	-14	-31	-185	-292	-285	-173	-97	-80
-60	-39	-55	-158	-146	-16	79	128	126	97	157	375	517	430	160	-188	-319	-210	-55	-30
-73	-23	39	155	245	259	330	460	545	459	292	199	132	-9	-69	-56	-72	-69	-102	-174
-198	-100	72	129	-28	-201	-274	-254	-125	-72	-114	-66	63	192	290	314	216	142	86	-17
-84	-51	36	28	-9	107	198	238	231	171	181	291	353	294	183	169	178	168	183	234
237	245	303	324	280	208	196	190	153	111	142	197	130	-1	-98	-153	-31	80	116	146
96	35	61	183	281	334	357	394	437	377	193	-1	-63	1	45	25	31	-19	-172	-260
-239	-156	-68	-67	-108	-134	-105	-14	37	16	-49	-82	-43	-33	-72	-114	-213	-226	-109	-109
-80	-93	-100	-75	-77	-101	-103	-126	-184	-218	-233	-235	-228	-260	-316	-348	-405	-499	-589	-624
-597	-544	-481	-419	-346	-240	-142	-149	-259	-392	-420	-357	-277	-163	-73	-96	-150	-213	-287	-301
-249	-194	-196	-177	-84	26	66	56	55	76	114	168	172	121	76	80	120	137	113	67
-5	-56	-85	-34	69	163	196	168	134	125	133	143	156	158	141	136	156	213	218	206
270	319	302	279	277	278	268	317	364	373	372	376	386	389	362	329	317	262	167	155

[illegible]

II192 71.129.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 449 2500 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL. COMP N61W 34 03 35N, 118 16 47W
 INSTR PERIOD = 0.0410 SEC DAMPING = 0.590 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS	ACLN =	98.9	CM/SEC/SEC AT	7.00 SEC	VELO =	19.6	CM/SEC AT	10.46 SEC	DISP =	-7.9	CM AT	8.98 SEC							
INITIAL VELO = -1.49170 CM/SEC INITIAL DISP = 0.44844 CM																			
1268 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
-21	30	21	11	28	109	97	-3	-15	-71	-76	22	60	37	-39	-20	63	67	27	-47
-60	-10	11	18	31	11	-30	-2	44	65	25	-51	-64	-30	11	17	7	-42	-82	-10
92	28	-32	34	43	-10	-56	20	-13	-25	-18	39	45	46	12	-38	-47	-8	78	84
59	13	9	34	-20	15	15	-78	-19	55	26	-40	11	62	-14	0	-20	-53	19	36
-1	-31	26	51	-31	-11	73	66	-16	-110	-107	-46	43	33	56	28	-68	-95	-48	19
27	-7	4	11	9	-6	-20	-24	-15	29	90	19	-9	72	80	27	13	55	91	87
20	5	28	-13	-20	18	-19	-10	9	47	107	66	10	-57	-59	31	12	16	-20	-3
-8	-30	59	55	-22	-33	-22	33	144	89	-40	4	55	-42	-98	-10	-13	53	20	7
43	47	60	-22	-112	-89	-5	72	79	18	38	64	60	105	113	39	42	56	24	29
71	33	-9	71	70	7	-24	-90	-44	31	53	-5	-34	71	0	-112	-113	-34	174	211
170	58	-45	-56	21	-84	-191	-209	-265	-219	-183	-236	-211	-197	-155	-158	-62	-28	-202	-197
93	343	314	286	162	109	396	447	324	430	552	478	184	-380	-422	52	481	442	59	-321
-495	-169	246	423	89	-617	-903	-464	36	268	147	-265	-549	-485	-197	33	-57	-175	-81	-97
-181	9	253	157	-323	-641	-390	-32	88	-59	48	209	162	87	-57	100	154	64	-102	59
259	254	230	132	15	81	71	-19	-45	253	703	803	119	-566	-416	-139	-78	-322	-178	266
496	230	-232	-562	-171	255	110	-143	-288	24	68	-232	-305	-39	87	-74	-132	-197	-210	-196
-443	-623	-426	-239	-297	-300	-108	-251	-517	-346	47	-89	-403	-198	240	135	-387	-527	-225	-144
-69	-53	-29	277	573	580	300	-37	177	752	989	789	364	212	407	485	475	500	612	432
328	430	229	17	-143	-507	-479	-76	34	-179	-442	-591	-538	-352	-522	-570	-357	-158	75	169
3	64	201	140	-156	-370	-443	-350	-178	196	397	56	-196	65	528	366	13	-288	-510	-468
-49	412	452	524	479	252	125	59	133	263	63	-170	-213	-49	-201	-421	-574	-701	-498	-357
-497	-300	18	114	197	91	-154	-570	-617	-257	-144	8	229	179	58	94	210	325	404	570
650	606	419	237	218	140	135	310	335	279	236	366	485	710	768	479	171	159	398	638
716	553	356	278	369	512	600	437	50	-270	-209	-196	-390	-587	-735	-840	-840	-832	-906	-918
-626	-297	-185	-173	-213	-299	-288	-94	-48	-132	-149	11	166	218	241	317	469	513	366	262
233	439	593	474	335	499	648	562	341	163	185	321	313	200	107	132	151	230	361	497
579	497	174	-93	-274	-290	-291	-387	-674	-916	-821	-611	-621	-818	-864	-809	-642	-482	-347	-168
-179	-267	-284	-202	-65	75	141	122	-72	-199	-260	-226	-156	-194	-211	-188	-142	-48	19	26
95	147	124	36	-93	-141	-23	146	162	59	-36	-18	142	264	185	-7	-4	91	116	186
269	263	159	32	-13	-64	-81	-81	-200	-362	-427	-369	-192	-6	-41	-94	-101	-113	-115	-139
-170	-121	-82	-105	-109	-152	-145	-99	-73	-100	-163	-175	-175	-228	-207	-110	-70	-184	-255	-201
-138	-10	104	105	-9	-39	48	109	160	253	328	265	131	126	255	315	252	206	208	218
189	124	103	81	11	-89	-165	-123	-30	-27	-83	-161	-154	-81	21	121	142	163	206	195
158	43	-79	-69	10	42	26	-111	-221	-243	-278	-313	-274	-139	-67	-96	-113	-158	-180	-162
-122	-134	-158	-109	-20	75	156	149	64	-51	-62	-9	7	26	66	81	4	-82	-28	64
61	68	153	213	258	293	264	194	178	264	329	304	242	216	242	301	304	241	223	281
335	320	262	211	147	113	122	132	92	8	-57	-19	70	89	39	21	86	156	166	152
107	20	-48	-74	-69	-51	-82	-115	-104	-41	41	58	19	-27	-105	-120	-74	-79	-107	-120
-126	-117	-55	-2	3	-23	-81	-141	-155	-132	-107	-54	42	87	63	73	109	140	183	215
230	250	273	268	211	137	106	100	100	88	90	87	70	69	36	-41	-102	-128	-133	-142

[illegible]

II192 71.129.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 449 2500 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0380 SEC DAMPING = 0.586 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 42.5 CM/SEC/SEC AT 9.52 SEC VELO = 7.7 CM/SEC AT 10.96 SEC DISP = -3.3 CM AT 9.74 SEC

INITIAL VELO = -0.19828 CM/SEC INITIAL DISP = -0.25448 CM
 1269 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

129	137	101	78	50	77	64	50	50	-57	-141	-80	-80	-37	-127	-22	115	79	-61	-63
-19	14	-47	-9	-19	43	-53	-37	43	114	89	-1	-76	-115	-83	-63	-66	-85	-72	25
-48	-74	-9	119	127	-62	-79	56	-15	-59	50	193	71	-6	13	121	133	149	109	11
74	0	-78	6	29	40	22	-19	32	79	77	64	33	22	24	15	6	25	42	0
-26	-17	-31	-29	-53	-19	-99	-136	-74	-209	-172	-18	-89	-204	-151	-126	-48	-61	-34	78
48	1	16	19	37	88	165	122	-5	-79	1	-4	-36	42	-7	-124	-136	-105	28	132
67	96	1	-56	78	137	169	202	184	119	31	-52	-60	-104	-84	-80	-140	-164	-88	32
-106	-93	83	37	-77	-154	-87	123	145	33	20	95	168	-47	-66	50	13	4	41	3
-93	-116	-116	-225	-161	-70	-106	-112	52	113	78	47	124	229	203	156	220	109	-39	-102
-308	-346	-321	-242	-264	-192	-44	-17	59	171	142	164	125	48	46	50	79	22	47	60
105	27	19	10	-37	-66	-69	-1	8	-4	-84	-9	-63	-72	-44	-76	-32	201	58	-46
-26	-23	21	119	11	-141	-169	-192	-193	-182	-243	-113	87	-17	-89	-115	-140	2	276	220
-11	-177	-90	173	337	170	-1	44	179	222	376	298	157	74	149	51	74	77	119	-110
-316	-260	-74	100	31	-82	-54	-40	-39	-7	43	53	54	-11	3	139	47	-46	-117	-46
50	-22	-76	39	137	140	70	77	102	133	19	-2	12	-121	-273	-292	-110	-50	-254	-214
174	360	359	99	117	84	94	134	55	106	142	119	-27	18	94	42	48	-36	-151	-210
-157	-13	130	220	168	80	67	36	-196	-66	181	192	102	205	160	28	-20	9	104	5
-11	-17	-143	-125	-79	-78	40	111	41	-26	-106	-61	52	40	-119	-168	-264	-297	-169	-162
-128	10	-40	28	254	199	55	216	187	22	19	-46	-180	-218	14	185	133	-119	-233	-204
-250	-217	-145	-51	20	36	-141	-201	-185	-104	114	150	-27	-129	-89	-124	-60	97	-10	-137
-6	105	2	70	144	84	-1	-126	-235	-188	-35	106	51	97	191	98	114	24	21	130
109	-97	-14	-133	-87	8	70	41	-95	-86	-107	-209	-183	-224	-316	-333	-275	-201	-225	-187
-100	-97	-131	-200	-136	-80	-127	-41	14	12	2	40	49	89	235	257	108	-7	-25	-47
-58	-55	-48	-47	-70	-122	-97	-21	-19	-61	-20	52	37	101	254	392	425	293	130	26
126	177	213	268	226	196	153	169	189	235	299	396	314	123	-81	-139	-112	43	58	39
-38	-106	-74	57	117	231	186	45	-84	-135	-103	-16	30	-37	-168	-148	-157	-147	-113	-112
-42	-18	-8	-8	-58	5	97	202	242	201	154	123	127	123	213	-294	228	83	-1	93
165	228	226	168	98	102	62	47	-19	-62	-54	-15	-60	-98	-49	-25	9	6	-86	-181
-198	-154	-196	-279	-339	-380	-400	-383	-363	-326	-297	-258	-208	-161	-126	-101	-112	-133	-136	-124
-116	-105	-54	-10	16	-24	-12	67	76	55	38	13	54	87	107	123	96	66	66	65
76	104	73	8	0	-17	-74	-105	-122	-91	-41	-79	-158	-235	-235	-205	-151	-85	-79	-86
-131	-137	-62	-51	-80	-102	-89	-29	-21	-28	31	64	52	66	98	209	115	148	167	153
144	161	180	188	183	154	168	224	213	158	173	153	95	92	67	20	-2	-1	7	0
-26	-72	-99	-124	-145	-134	-97	-79	-45	-17	-27	-40	-22	36	71	73	85	37	29	66
163	242	259	267	268	261	314	366	368	302	245	220	194	158	138	96	16	-70	-71	-74
-101	-123	-116	-136	-154	-133	-110	-128	-147	-166	-201	-214	-213	-218	-217	-206	-197	-196	-199	-188
-171	-157	-141	-108	-97	-67	-3	56	79	77	44	45	59	76	96	79	83	75	29	50
102	114	125	130	113	145	159	161	141	102	106	129	114	105	65	41	59	69	62	40
-7	-107	-173	-164	-173	-177	-159	-149	-154	-144	-151	-137	-118	-153	-172	-190	-222	-258	-286	-295
-292	-279	-258	-245	-237	-224	-214	-198	-175	-142	-89	-85	-82	-34	17	61	96	100	80	50

[illegible]

IIIN193 71.130.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 450 2500 WILSHIRE BLVD., 8TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0400 SEC DAMPING = 0.545 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACLN = -121.1 CM/SEC/SEC AT 7.78 SEC VELO = 30.2 CM/SEC AT 16.56 SEC DISP = -13.3 CM AT 15.96 SEC

1269 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = 0.55123 CM/SEC					INITIAL DISP = 0.19344 CM														
-11	-153	-228	-234	-224	-150	39	221	323	328	179	1	-131	-243	-297	-203	-41	131	234	235
124	-28	-96	-98	-118	-178	-184	-113	23	170	255	223	119	-7	-56	-56	-26	-70	-160	-217
-177	-6	178	255	178	39	-87	-212	-330	-260	-11	163	172	127	153	165	61	-59	-108	-78
-81	-152	-148	-20	149	161	76	23	10	-27	-91	-67	82	228	213	73	10	40	61	37
27	-1	-54	-80	-27	90	154	73	-83	-139	-95	-28	85	169	164	30	-105	-153	-96	18
48	4	-14	-17	45	129	155	55	-93	-170	-184	-124	-45	31	17	-85	-128	-117	-74	8
70	90	42	-31	-56	16	101	141	103	19	-18	-20	-8	60	139	74	-53	-96	-78	-25
36	150	241	184	-10	-165	-121	-117	-192	-144	39	234	318	282	229	277	218	-14	-125	-62
-13	-23	41	136	124	-25	-255	-370	-351	-290	-213	-129	23	195	264	161	41	3	-53	-79
-22	115	154	94	76	145	146	-62	-305	-384	-328	-247	-155	-34	110	109	-78	-321	-341	-171
15	70	122	271	385	345	207	121	42	-47	-51	14	82	77	-4	-109	-153	-90	20	83
179	350	465	507	492	377	159	-89	-266	-336	-236	-3	104	37	-211	-607	-988	-949	-732	-426
-66	242	294	218	229	219	113	-67	-166	30	399	577	385	65	-113	43	163	40	-303	-767
-990	-670	-205	67	186	277	200	-166	-421	-271	-63	-189	-356	-175	281	558	407	283	512	674
274	-284	-409	-80	180	143	57	248	406	188	-177	-290	-85	50	-96	-270	-197	-17	-30	-77
53	286	354	148	-237	-463	-310	106	365	319	30	-216	-234	-61	90	45	-37	-96	-17	230
533	662	424	24	-271	-492	-655	-577	-262	-9	140	333	579	687	501	173	-124	-225	-127	16
247	414	464	417	320	124	-113	-245	-303	-420	-518	-471	-432	-514	-543	-264	122	239	145	106
70	-33	-20	8	-156	-485	-759	-802	-517	-177	-119	-136	-10	141	128	163	162	68	-64	-226
-291	-213	-71	190	469	430	-110	-634	-1012	-1211	-1054	-660	-369	-30	423	695	627	589	721	724
581	420	343	390	453	411	358	460	641	746	606	325	76	-16	-16	78	62	124	322	493
670	816	778	499	102	-304	-450	-170	150	341	450	506	529	531	442	215	-44	-171	-274	-473
-641	-610	-492	-457	-552	-674	-775	-760	-644	-462	-307	-75	185	327	328	384	488	481	276	114
167	310	330	184	-160	-476	-713	-849	-892	-879	-771	-706	-584	-423	-306	-94	15	-56	-174	-204
-122	-22	139	555	993	1179	843	300	8	82	210	178	73	78	141	106	81	177	297	380
319	132	-187	-527	-771	-833	-683	-462	-182	37	164	175	40	138	387	428	300	204	152	185
264	378	506	621	690	661	494	184	-118	-392	-662	-895	-994	-880	-617	-385	-316	-295	-239	-198
-212	-226	-167	24	286	379	237	35	-56	-6	105	227	218	110	-78	-353	-710	-996	-1098	-968
-662	-408	-320	-288	-228	-185	-187	-231	-285	-294	-327	-458	-502	-383	-67	277	432	364	148	66
169	291	312	162	-58	-230	-380	-458	-455	-421	-366	-308	-249	-159	-49	56	174	279	335	364
421	569	713	778	777	818	851	734	476	234	131	162	239	205	65	-52	-133	-176	-151	-18
185	365	498	609	674	654	565	459	297	158	120	110	51	39	140	272	380	403	323	239
164	102	61	44	33	16	-13	-63	-146	-209	-176	-115	-89	-105	-131	-114	-96	-110	-122	-76
43	132	125	25	-59	-40	37	116	122	27	-89	-153	-129	-54	27	148	294	509	651	549
352	204	124	38	-32	-58	-53	-95	-210	-352	-407	-348	-239	-162	-168	-168	-90	25	156	268
357	434	502	520	428	248	75	-31	-31	-19	-19	-50	-100	-156	-214	-257	-258	-246	-240	-296
-390	-467	-515	-556	-598	-652	-740	-830	-898	-924	-927	-912	-835	-672	-448	-177	-64	-135	-215	-290
-325	-270	-195	-118	-78	-148	-330	-509	-632	-730	-799	-825	-744	-672	-610	-531	-454	-367	-270	-171
-71	12	33	17	-11	-4	77	171	245	268	196	95	30	38	123	241	486	556	584	584
588	569	553	523	552	579	554	544	533	536	585	594	627	665	643	628	634	646	692	753

INI193 71.130.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 450 2500 WILSHIRE BLVD., 8TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0390 SEC DAMPING = 0.516 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 147.7 CM/SEC/SEC AT 9.52 SEC VELO = 29.7 CM/SEC AT 9.68 SEC DISP = -10.8 CM AT 9.34 SEC

1268 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = -1.46282 CM/SEC										INITIAL DISP = 0.74819 CM									
28	34	27	3	-31	-43	-36	-23	-17	41	47	41	77	87	31	-54	-94	-101	-79	8
67	10	-12	-3	1	-2	-35	-81	-66	-4	81	107	84	10	-19	0	50	38	-26	-61
-50	-15	38	45	-12	-87	-107	-57	6	24	33	36	33	32	33	33	28	18	15	24
50	67	10	-67	-61	-38	8	90	94	48	12	-5	-8	-2	-29	-67	60	75	64	64
79	59	14	-3	2	8	56	43	-17	14	51	-20	-49	14	66	21	-70	-94	-82	-44
16	63	73	-6	-106	-110	-42	4	9	8	58	84	38	-8	-24	-59	-43	31	59	55
60	24	-20	-50	-40	25	97	117	88	46	1	8	11	10	39	62	22	75	135	161
111	26	2	53	38	-1	37	48	8	-18	-11	8	-13	-37	-19	70	154	131	67	62
41	-45	-95	-70	-57	-99	-90	-29	24	34	4	-68	-132	-167	-112	-6	87	118	67	18
18	48	72	28	5	29	74	60	54	19	-26	-43	-38	-74	-108	-98	-57	10	47	92
165	208	130	32	-18	19	102	250	329	261	131	27	-22	-107	-199	-258	-348	-376	-286	-212
-253	-299	-330	-289	-149	-43	-77	-98	22	189	325	437	409	305	213	152	93	117	297	457
305	-144	-541	-643	-319	0	5	-191	-492	-493	-141	370	604	325	-266	-421	-37	481	870	824
287	-68	-17	130	197	178	-19	-313	-427	-231	131	171	-221	-722	-911	-737	-579	-489	-270	50
74	-136	-141	95	211	54	-190	-108	131	241	267	319	210	-45	-230	-410	-582	-457	-117	264
519	359	21	-146	-245	-475	-498	-198	312	719	704	464	318	373	383	273	273	414	504	373
236	301	357	157	-205	-366	-325	-256	-334	-571	-769	-708	-457	-276	-165	-120	-285	-399	-388	-375
-406	-177	36	163	5	-199	-294	-398	-475	-553	-678	-639	-381	-109	-56	-167	-383	-398	-142	163
331	375	399	370	300	223	279	354	407	407	367	361	515	527	314	30	34	178	299	232
206	165	143	47	20	19	162	347	498	559	769	1010	1035	818	531	205	-75	-157	85	362
297	81	7	98	109	-85	-415	-857	-1249	-1256	-919	-505	-15	403	431	154	-128	-226	-176	-280
-433	-499	-399	-379	-414	-527	-639	-673	-734	-904	-926	-683	-448	-272	-176	-255	-451	-558	-512	-377
-152	143	314	312	149	36	6	41	73	256	502	741	864	881	725	547	381	306	174	-2
-37	121	329	509	621	692	635	565	467	639	810	1061	1248	1346	1370	1404	1477	1417	1101	767
536	433	295	139	-14	-171	-370	-671	-946	-1049	-949	-687	-402	-204	-57	5	59	143	123	-13
-135	-169	-203	-201	-175	-24	128	238	175	-26	-283	-541	-671	-721	-775	-802	-801	-797	-794	-788
-751	-651	-517	-444	-487	-583	-604	-495	-255	92	330	515	542	446	307	230	187	96	-111	-336
-387	-346	-408	-420	-354	-352	-389	-316	-164	-35	74	212	316	431	588	790	986	1043	927	691
447	283	110	-68	-207	-309	-361	-341	-291	-202	-146	-156	-249	-362	-435	-407	-293	-213	-187	-166
-99	6	74	70	22	2	-16	-51	17	192	345	398	350	233	107	27	-51	-222	-459	-696
-851	-885	-821	-695	-513	-343	-227	-237	-277	-234	-150	-18	122	171	195	235	325	385	408	376
283	67	-129	-252	-293	-319	-348	-374	-375	-320	-233	-167	-138	-143	-162	-177	-190	-176	-66	107
262	327	355	412	502	535	494	461	478	509	501	446	364	260	138	-12	-134	-179	-166	-171
-211	-230	-224	-145	2	110	209	332	446	551	596	557	511	522	527	495	440	371	221	25
-165	-320	-380	-373	-338	-354	-398	-408	-378	-342	-318	-319	-363	-427	-430	-354	-226	-100	-52	-54
-57	-60	-65	-62	-58	-91	-154	-181	-182	-171	-149	-130	-121	-119	-121	-158	-203	-230	-215	-167
-134	-124	-96	-30	81	165	207	232	276	364	421	464	496	531	575	576	575	572	562	507
448	440	462	475	449	414	393	403	444	489	471	379	337	349	352	355	351	345	332	334
375	410	387	315	234	153	93	41	-18	-86	-126	-133	-113	-54	-16	-34	-106	-227	-438	-644
-750	-774	-711	-617	-575	-535	-474	-419	-348	-268	-161	-121	-154	-190	-231	-242	-231	-196	-134	-108

[illegible]

55	122	142	127	106	85	71	91	115	149	177	202	218	221	197	138	70	22	0	26
100	184	256	280	226	162	111	44	30	43	32	20	44	74	81	71	69	73	79	71
41	-1	1	0	-11	4	31	48	57	33	-6	-16	-27	-104	-121	-97	-40	4	61	137
145	153	117	66	9	-26	-39	-8	53	98	140	172	189	171	113	56	24	12	-1	-8
-13	-14	-13	-14	-16	-19	-33	-75	-128	-152	-138	-122	-104	-96	-126	-181	-198	-196	-183	-149
-126	-117	-101	-84	-66	-53	-44	-38	-47	-63	-74	-83	-93	-105	-118	-131	-146	-151	-140	-121
-87	-50	-42	-65	-76	-59	-6	35	82	119	105	92	96	106	116	122	111	95	86	82
81	93	108	113	117	116	112	108	92	62	32	30	56	72	92	107	123	89	14	-14
-25	-33	-37	-37	-12	16	22	24	31	56	83	73	18	19	46	95	133	142	123	83
39	17	-3	-51	-49	-11	28	55	62	30	-17	-17	-37	-42	-35	-44	-66	-90	-102	-89
-81	-81	-80	-72	-63	-66	-80	-91	-96	-141	-184	-215	-203	-153	-113	-77	-58	-65	-87	-88
-92	-87	-55	-44	-28	11	49	77	103	98	85	63	45	31	28	39	83	129	136	111
88	65	39	0	-23	-22	-14	13	48	88	111	86	10	-77	-144	-170	-146	-93	-44	2
25	31	25	15	6	-4	-13	-16	-1	33	76	128	145	130	101	75	55	62	72	81
101	114	100	80	70	66	61	59	62	76	79	87	100	107	104	88	79	67	71	73
62	52	38	25	13	-1	-11	-19	-30	-40	-45	-48	-35	-28	-40	-51	-65	-72	-73	-77
-93	-110	-106	-76	-58	-69	-70	-63	-62	-70	-75	-76	-75	-74	-78	-74	-70	-72	-65	-47
-34	-27	-24	-44	-66	-77	-77	-77	-77	-72	-33	6	-3	-26	-40	-45	-53	-69	-85	-83
-61	-17	11	12	9	17	-5	-33	-57	-59	-28	11	14	5	6	9	7	-20	-53	-67
-73	-54	-33	-5	32	38	37	32	25	13	23	35	44	46	50	61	71	69	73	85
95	92	76	68	57	49	50	55	65	81	91	98	89	65	29	-4	-16	-21	-27	-23
-9	17	55	84	76	38	-9	-42	-58	-45	-27	-14	-5	-17	-19	-17	-17	-18	-23	-26
-18	-9	-9	-9	-9	-4	-5	-25	-38	-48	-46	-40	-39	-31	-3	27	42	39	40	45
33	-4	-47	-71	-49	-21	-4	-5	-7	-15	-40	-63								

IIN194 71.131.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 451 2500 WILSHIRE BLVD., ROOF, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0430 SEC DAMPING = 0.625 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N29E 34 03 35N, 118 16 47W

PEAK VALS ACIN = -203.4 CM/SEC/SEC AT 9.12 SEC VELO = 59.2 CM/SEC AT 16.64 SEC DISP = -23.4 CM AT 15.96 SEC

INITIAL VELO = 0.66171 CM/SEC INITIAL DISP = -0.00288 CM
 1270 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

115	23	-54	-121	-169	-167	-85	57	193	252	210	88	-86	-246	-337	-317	-187	10	210	323
329	261	170	44	-152	-322	-320	-174	-44	21	47	60	87	101	71	-17	-127	-209	-211	-140
-38	34	66	89	125	172	188	124	-21	-178	-289	-307	-176	31	150	181	116	6	-119	-201
-188	-60	59	91	115	133	119	32	-48	-33	9	-25	-106	-139	-79	4	47	63	67	51
12	-1	69	182	248	232	168	115	66	36	42	55	56	49	66	141	165	91	-20	-124
-168	-125	-26	73	123	66	-83	-225	-248	-197	-151	-144	-131	-98	-32	58	113	65	-24	-113
-157	-175	-187	-183	-177	-184	-185	-187	-142	-54	64	129	110	72	62	105	165	144	110	73
26	9	74	238	388	397	284	154	69	27	56	144	254	300	246	79	-91	-213	-305	-365
-286	-72	117	219	313	408	429	305	99	-62	-151	-183	-130	-53	-1	-16	-129	-286	-396	-458
-512	-485	-341	-73	80	38	-53	-128	-204	-270	-202	-30	90	174	245	317	364	325	194	1
-142	-203	-206	-121	9	81	45	-123	-270	-304	-272	-149	20	205	359	414	398	280	140	63
58	97	154	175	105	-26	-102	-122	-63	28	185	418	644	827	966	1010	869	515	152	-86
-227	-218	-96	-10	-134	-443	-820	-1144	-1403	-1447	-1212	-867	-662	-518	-426	-404	-475	-618	-652	-489
-185	200	394	297	74	25	288	630	593	232	-143	-302	-270	-154	37	301	554	667	580	427
309	56	-128	-104	48	120	133	220	447	712	750	526	306	311	397	311	134	97	151	154
9	-144	-156	-106	-87	-108	-178	-300	-465	-521	-430	-187	-57	-172	-432	-664	-775	-686	-380	-153
-108	-192	-254	-267	-236	-180	-182	-175	-135	64	420	797	1062	1008	690	302	-42	-261	-393	-348
-92	236	591	876	1049	1051	818	609	542	612	638	593	596	569	460	270	81	-30	-85	-92
-88	-57	-145	-436	-856	-1222	-1404	-1374	-1162	-900	-685	-611	-666	-629	-544	-599	-838	-1079	-1189	-1248
-1283	-1274	-1176	-959	-707	-432	-73	277	494	521	457	333	204	222	475	821	1045	954	495	-117
-591	-837	-888	-629	-199	298	802	1192	1357	1406	1368	1385	1414	1412	1356	1172	876	572	400	508
750	972	1101	1156	1135	984	745	538	453	466	610	763	761	619	363	26	-403	-804	-913	-701
-371	-119	20	136	159	122	72	-5	-168	-403	-670	-950	-1226	-1497	-1738	-1944	-2034	-1955	-1850	-1771
-1621	-1352	-999	-690	-481	-296	-22	231	362	349	337	383	535	703	850	877	696	454	219	-14
-154	-221	-185	-115	-9	123	235	212	103	-14	-100	-174	-218	-174	59	438	831	935	764	556
450	457	492	477	425	381	365	354	291	251	364	517	641	624	415	68	-426	-917	-1149	-1150
-974	-814	-701	-625	-517	-369	-200	-64	22	88	170	224	265	250	316	469	708	846	867	756
496	190	-144	-421	-583	-672	-649	-563	-486	-453	-508	-594	-624	-468	-204	91	279	280	130	-92
-315	-423	-364	-235	-61	-11	-120	-404	-814	-1219	-1498	-1480	-1255	-1041	-832	-671	-613	-624	-686	-707
-721	-778	-842	-839	-749	-606	-434	-314	-231	-120	69	361	740	1148	1447	1435	1211	935	624	309
56	-68	-107	-70	-22	61	189	373	610	863	1099	1349	1567	1664	1645	1560	1445	1305	1133	863
670	518	445	439	452	430	362	252	132	27	-55	-87	-54	41	171	261	286	214	91	-54
-174	-265	-355	-451	-517	-498	-367	-202	-62	48	118	153	168	187	188	163	91	2	-97	-236
-385	-481	-527	-486	-428	-343	-254	-180	-134	-101	-46	15	51	46	-15	-103	-165	-182	-152	-127
-130	-137	-129	-105	-84	-36	112	370	698	1043	1281	1348	1228	1044	882	728	595	466	333	173
-14	-209	-355	-472	-510	-456	-340	-200	-72	24	88	139	198	256	296	251	100	-76	-233	-368
-448	-482	-471	-423	-356	-282	-232	-200	-189	-178	-190	-243	-355	-498	-657	-830	-1053	-1296	-1553	-1790
-1929	-1971	-1970	-1917	-1821	-1633	-1373	-1130	-946	-828	-795	-782	-748	-673	-597	-526	-455	-423	-426	-491
-604	-720	-768	-722	-614	-472	-343	-241	-156	-67	47	199	336	463	574	649	678	708	766	815
848	850	837	821	817	854	944	1083	1245	1406	1519	1580	1577	1527	1471	1425	1389	1355	1315	1264

II194 71.131.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 451 2500 WILSHIRE BLVD., ROOF, LOS ANGELES, CAL. COMP N61W 34 03 35N, 118 16 47W
INSTR PERIOD = 0.0390 SEC DAMPING = 0.502 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -186.3 CM/SEC/SEC AT 10.02 SEC VELO = 49.5 CM/SEC AT 9.92 SEC DISP = -14.6 CM AT 9.36 SEC

INITIAL VELO = -1.86487 CM/SEC INITIAL DISP = 1.19619 CM
1270 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

58	35	22	1	-19	-37	-47	-45	-28	-2	13	19	26	18	-5	-31	-48	-45	-33	-4
30	75	100	101	58	-11	-67	-78	-52	-17	-9	-7	-2	30	52	46	-2	-45	-59	-31
10	20	25	21	31	52	61	53	35	7	0	-4	0	-6	-43	-76	-66	-53	-23	12
34	45	51	42	23	6	-5	-16	-16	21	57	74	49	6	-5	21	65	74	79	70
31	4	-1	-4	-14	1	29	28	33	43	45	50	46	28	18	22	13	-5	-3	-2
-25	-27	27	57	42	14	-47	-93	-92	-47	9	19	-15	-73	-122	-117	-67	-19	17	56
70	43	11	-11	-24	-12	15	31	43	75	85	93	85	87	93	107	118	107	74	55
45	44	38	37	39	49	86	130	129	120	81	52	31	35	28	14	3	-21	-44	-66
-67	-58	-55	-40	2	46	74	67	50	18	-22	-88	-124	-128	-147	-123	-81	-41	6	23
28	-46	-116	-135	-90	-54	-19	-7	-6	12	80	136	150	158	177	180	153	134	109	69
53	66	56	38	7	-3	4	4	6	48	97	95	41	-23	-48	4	110	220	259	228
167	115	29	-22	-105	-237	-381	-453	-474	-485	-500	-512	-518	-475	-408	-373	-370	-344	-245	-111
60	213	293	391	438	442	455	527	667	838	865	636	278	126	157	244	194	-35	-277	-365
-202	71	197	64	-242	-477	-349	-53	191	224	31	-104	-137	-95	-25	18	-37	-181	-277	-235
-101	-83	-251	-463	-621	-796	-904	-877	-765	-614	-476	-386	-276	-106	51	59	23	21	89	166
261	380	482	476	363	212	70	66	259	564	804	807	609	346	52	-227	-406	-327	-27	303
430	353	350	414	472	461	463	445	334	204	122	133	151	114	-10	-115	-155	-203	-332	-607
-948	-1117	-1089	-984	-898	-842	-856	-908	-948	-927	-891	-761	-569	-362	-243	-287	-362	-489	-575	-620
-636	-578	-422	-203	-25	125	173	99	98	271	566	861	1042	1100	1095	1029	947	859	856	891
920	918	988	1063	1092	960	819	719	720	673	555	368	184	-5	-174	-333	-441	-502	-426	-325
-134	106	344	452	410	246	-30	-237	-424	-381	-322	-367	-411	-337	-201	-146	-189	-356	-621	-895
-1113	-1132	-861	-543	-343	-294	-294	-272	-206	-208	-244	-256	-243	-294	-394	-536	-641	-710	-777	-840
-824	-711	-506	-324	-156	-80	-161	-268	-381	-441	-406	-293	-130	51	177	275	332	396	473	600
802	1051	1302	1508	1536	1493	1424	1325	1188	1090	926	816	749	741	802	877	892	855	799	788
837	943	1064	1153	1198	1246	1291	1319	1246	1093	924	784	663	545	414	268	68	-221	-641	-1191
-1887	-1863	-1818	-1729	-1638	-1594	-1508	-1412	-1330	-1256	-1174	-1092	-1069	-1069	-1062	-1058	-1007	-881	-721	-586
-511	-486	-466	-399	-308	-242	-179	-137	-108	-87	-118	-146	-131	-121	0	46	61	15	26	113
254	480	751	991	1138	1192	1183	1115	1013	782	568	344	169	38	-101	-258	-369	-490	-518	-425
-300	-179	-77	-62	-40	25	120	239	374	418	409	337	237	116	-14	-141	-251	-320	-344	-334
-277	-172	-117	-129	-183	-245	-305	-363	-421	-476	-542	-595	-576	-521	-447	-387	-329	-267	-190	-108
-2	150	363	509	548	535	531	494	395	234	32	-182	-409	-580	-652	-648	-568	-462	-413	-330
-281	-238	-137	-95	-59	-71	-56	-38	-3	55	124	164	161	127	77	40	7	-45	-104	-126
-118	-92	-71	-61	-64	-86	-124	-172	-189	-165	-84	-2	78	146	232	336	428	510	585	666
758	844	904	906	859	728	573	444	340	251	155	56	-47	-139	-222	-236	-197	-125	-23	101
219	275	278	237	211	206	203	202	194	163	87	-30	-197	-359	-429	-439	-440	-448	-477	-510
-520	-534	-553	-604	-670	-731	-771	-742	-698	-656	-621	-598	-562	-481	-382	-279	-185	-136	-105	-69
-35	-1	29	58	104	168	224	252	265	282	295	312	329	347	367	393	427	461	492	514
531	588	665	736	804	857	904	920	929	936	932	873	788	739	722	686	635	581	536	530
526	512	484	419	356	317	277	210	128	26	-69	-137	-162	-159	-162	-176	-238	-289	-325	-374
-441	-513	-594	-658	-680	-646	-593	-546	-532	-571	-648	-746	-872	-982	-1054	-1087	-1084	-1080	-1034	-932

IIIN194 71.131.0
STATION NO. 451
INSTR PERIOD = 0.0410 SEC DAMPING = 0.498
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
2500 WILSHIRE BLVD., ROOF, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 03 35N, 118 16 47W

PEAK VALS ACCLN = -116.6 CM/SEC/SEC AT 3.66 SEC VELO = 9.9 CM/SEC AT 10.92 SEC DISP = -4.3 CM AT 10.10 SEC

1268 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																			
INITIAL VELO = -0.95369 CM/SEC										INITIAL DISP = -0.26854 CM									
-5	-14	87	228	304	307	242	157	34	-170	-259	-343	-307	-47	100	93	-12	89	239	12
-80	-106	-122	-168	-278	-241	-4	324	393	337	241	102	-207	-509	-472	-164	70	6	-98	-4
154	260	157	1	-66	-113	-220	-377	-189	246	390	176	167	356	301	-68	-274	-70	109	20
132	174	342	141	-256	-291	-111	-44	-114	-94	172	444	471	223	-37	-94	-101	-323	-340	-3
254	255	124	73	28	-182	-264	-292	-302	-157	-40	-184	-169	64	-84	-339	-190	-26	-80	-16
-2	297	299	186	111	71	7	-136	-134	-7	214	437	211	-165	-324	-311	-198	-110	-5	3
30	123	157	231	250	237	161	-9	-100	64	293	392	263	3	-90	-462	-826	-622	-196	15
397	419	147	-272	-380	-338	-250	-105	85	383	323	25	-107	166	313	-7	-197	-50	71	-17
-200	76	338	234	-271	-792	-816	-370	-190	30	541	782	432	178	9	61	97	157	359	33
44	-281	-795	-1166	-896	-438	-139	360	757	667	234	49	-116	-223	-233	-180	-24	230	372	20
-10	71	34	-173	-175	-39	90	114	74	-28	-2	-5	-188	-265	-145	-153	-173	-11	117	28
176	35	-118	-29	-15	8	73	54	0	67	-51	-219	-364	-408	-340	-340	-134	333	567	45
245	35	-271	-492	-504	-151	407	520	528	682	579	252	150	156	31	-327	-277	243	381	25
-31	-408	-370	-233	-3	-258	-579	-500	108	807	791	193	-310	-346	-99	-112	-218	88	594	39
-105	-315	-153	-49	-49	-26	334	659	420	276	311	198	-147	-626	-626	-145	48	-301	-651	-37
168	375	479	306	97	104	262	331	192	-117	-410	-468	-93	447	569	463	424	-120	-826	-94
-384	65	245	182	229	268	148	-50	-139	-124	-187	-190	-134	48	105	300	599	439	68	3
35	-145	-325	-287	-48	335	395	211	55	-301	-310	28	228	394	446	265	-34	-523	-1019	-82
-340	-184	-63	75	327	740	830	550	175	-34	-158	-223	-415	-470	-588	-509	-50	279	277	11
-179	-87	-37	-285	-424	-372	-261	-412	-466	-165	242	260	141	-79	-337	-376	-214	8	21	-4
128	329	264	181	220	192	284	288	-173	-498	-685	-712	-523	-216	310	786	1095	924	303	-13
-385	-479	-227	-144	-14	486	959	581	-38	-519	-784	-938	-744	-240	81	347	396	214	-62	-53
-466	-213	30	-139	-510	-752	-596	-64	412	553	398	146	-26	44	177	188	212	184	164	10
124	262	193	-25	-294	-395	-376	-463	-582	-319	-29	-13	-102	-46	116	273	412	387	331	11
-132	-112	-19	86	117	126	265	342	308	319	194	52	46	83	120	109	35	112	226	9
-214	-425	-272	128	575	721	745	803	635	205	-267	-452	-634	-568	-122	258	375	374	389	25
-88	-198	-103	-131	-188	-96	83	98	219	531	560	431	326	-220	-277	-130	145	175	73	7
52	82	188	310	366	192	-18	-336	-257	-34	240	135	-201	-418	-309	-352	-89	194	250	24
71	-199	-372	-463	-494	-468	-671	-630	-424	-514	-429	-272	-233	-113	56	123	-31	-81	-92	-12
-303	-368	-231	-124	31	197	398	441	413	234	21	-170	-303	-383	-449	-162	206	473	646	53
140	-79	-271	-370	-184	101	189	132	39	-48	-122	-273	-365	-386	-305	-194	-162	-95	-181	-18
-157	-64	110	45	-49	-49	-110	-143	-212	-293	-211	33	202	362	381	264	38	-81	-13	6
139	256	272	275	334	355	339	269	210	249	280	209	124	85	39	-80	-91	-65	-71	-1
-38	-111	-122	-142	-166	-175	-212	-300	-324	-180	-162	-109	53	204	224	91	-48	-44	24	1
-13	43	213	384	464	445	341	282	358	355	333	320	291	223	125	59	92	118	87	1
-104	-133	-71	-63	-60	-63	-53	16	22	25	24	-52	-231	-386	-459	-522	-371	-206	-150	-8
-37	-9	35	-51	-233	-275	-279	-234	-131	-70	43	154	219	285	288	131	-34	-194	-297	-12
41	261	433	465	431	305	170	80	-78	-123	-81	-49	11	127	177	235	233	146	-17	-11
-148	-149	-154	-146	-188	-189	-134	-110	-181	-253	-251	-263	-224	-143	-103	-110	-163	-251	-302	-31
-333	-313	-275	-294	-251	-245	-341	-239	-143	7	-66	-86	-61	7	-15	-49	31	204	315	37

[illegible]

IIIN195 71.140.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 465 SAN JUAN CAPISTRANO, CAL. COMP N3E 33 29 22N, 117 40 14W
INSTR PERIOD = 0.0470 SEC DAMPING = 0.647 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACIN = -40.9 CM/SEC/SEC AT 14.04 SEC VELO = -3.6 CM/SEC AT 22.24 SEC DISP = -2.4 CM AT 31.28 SEC

INITIAL VELO = -0.40941 CM/SEC INITIAL DISP = 0.03440 CM
4950 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

22	17	10	-4	-12	-11	-7	8	18	23	25	11	-5	-12	-15	-14	-15	-6	8	13
10	4	-9	-9	6	18	10	-5	-14	-1	15	27	45	53	35	13	-18	-41	-33	-21
-17	-13	-2	-7	-11	3	9	13	12	13	12	14	19	17	18	29	23	15	2	-9
-15	-16	-7	-7	-11	-12	-13	-14	-13	-10	-2	10	9	11	13	13	8	7	7	3
-4	-7	0	7	6	1	-10	-17	-16	-12	-3	12	21	15	-2	-17	-25	-21	-12	-6
1	9	17	6	-9	-4	0	-1	1	1	3	-3	-5	7	21	19	5	-7	-16	-17
-10	1	1	-16	-32	-24	0	23	31	22	7	10	19	31	43	40	15	-6	-25	-36
-24	-15	1	14	24	21	20	22	29	38	45	29	7	-7	-9	-8	-7	-3	-1	-1
-7	-16	-7	12	30	29	15	5	0	3	5	7	2	-4	-19	-30	-28	-21	-9	9
28	30	14	10	13	11	14	13	9	-1	-18	-26	-18	-13	-6	0	-1	-8	-19	-24
-3	25	39	25	-6	-22	-19	-15	-13	1	11	2	-11	-20	-22	-28	-32	-32	-27	-17
-5	3	12	17	24	20	4	-8	-9	-13	-29	-37	-29	-10	15	36	42	33	17	4
-12	-24	-20	-9	1	7	1	-7	0	7	15	17	9	7	14	21	23	10	-13	-37
-51	-50	-29	-6	11	18	15	5	-10	-29	-30	-32	-36	-35	-32	-34	-33	-17	18	43
43	31	14	3	-5	-5	-5	-11	-26	-36	-27	-10	4	7	3	-5	-4	-2	3	9
9	6	-10	-24	-26	-23	-3	19	16	-3	0	18	32	24	-2	-26	-41	-43	-38	-36
-30	-18	1	23	37	37	30	15	-1	-7	-18	-29	-39	-43	-37	-19	0	16	21	26
27	19	3	-1	17	34	45	35	16	-9	-35	-47	-49	-48	-42	-23	2	14	14	-2
-15	-11	6	17	20	21	23	29	33	33	43	48	25	-16	-46	-62	-51	-34	-25	-23
-17	-7	18	34	27	12	18	19	21	25	26	29	32	19	-7	-23	-21	1	15	16
14	13	10	12	4	-10	-15	-22	-25	-5	12	27	32	27	20	15	5	-7	-20	-29
-36	-33	-20	-9	6	26	41	48	52	41	21	8	8	11	14	16	20	8	-11	-4
15	34	23	-1	-19	-12	14	38	39	23	13	9	13	17	21	22	12	0	-6	-15
-26	-23	-5	19	24	-2	-14	0	20	42	55	35	7	-4	3	18	27	30	41	51
60	66	72	55	22	-20	-58	-62	-51	-54	-76	-101	-91	-53	-11	23	16	-5	0	15
19	-2	-17	-9	15	46	48	12	-30	-72	-109	-133	-154	-153	-106	-48	-13	-10	-16	-21
-13	3	1	-9	-13	-1	37	86	130	138	107	92	110	120	89	40	3	-12	-33	-89
-137	-140	-89	-18	54	94	80	65	73	91	74	-5	-92	-122	-85	-23	17	20	9	-27
-59	-56	-43	-77	-110	-92	-42	26	77	83	53	17	-19	-30	-42	-36	9	62	76	65
32	-15	-48	-59	-39	11	34	39	46	33	-37	-122	-177	-194	-190	-170	-146	-139	-115	-52
21	62	75	96	96	92	103	154	204	200	174	156	132	85	39	24	55	75	43	-41
-132	-174	-160	-149	-160	-175	-137	-77	-32	-36	-62	-90	-117	-104	-39	50	117	151	157	144
137	110	67	21	-24	-52	-28	0	-13	-94	-191	-253	-254	-239	-229	-187	-111	-20	68	130
144	134	164	226	274	228	114	-3	-108	-136	-79	-41	-74	-116	-131	-92	18	145	216	195
83	-51	-122	-96	-25	64	123	137	124	102	75	100	190	267	272	210	149	136	108	29
-127	-302	-409	-408	-304	-144	5	69	78	97	131	128	84	0	-64	-105	-126	-99	-62	-58
-26	57	160	221	178	42	-72	-98	-38	32	15	-96	-186	-209	-177	-136	-125	-126	-77	35
132	219	241	207	187	179	181	224	273	279	226	71	-21	-135	-135	-221	-220	-156	-75	-49
-65	-107	-154	-210	-273	-303	-277	-236	-200	-141	-17	86	121	150	181	176	177	192	198	148
40	-68	-131	-154	-76	50	125	90	22	-19	-17	4	-35	-146	-246	-291	-236	-134	-74	-93

-137	-115	-13	127	230	239	191	150	107	65	26	-10	-34	-47	-44	1	65	83	63	59
95	174	258	289	258	218	197	184	135	19	-82	-135	-196	-261	-315	-300	-221	-80	38	102
131	125	129	125	39	-128	-272	-362	-371	-304	-190	-116	-70	-17	25	62	93	62	-4	-65
-70	-33	0	29	17	-45	-95	-109	-65	13	60	49	13	-44	-81	-25	84	157	169	171
186	192	147	64	-9	-58	-58	-31	-14	-35	-77	-88	-37	45	84	98	110	97	61	34
7	-28	-54	-59	-50	-47	-79	-131	-151	-108	-16	81	113	98	104	119	131	137	148	145
64	-18	-52	-54	-44	-16	27	70	107	123	96	51	26	25	19	-25	-89	-131	-141	-118
-73	-18	29	59	71	50	31	11	-16	-38	-43	-87	-103	-75	49	-5	49	103	151	185
203	201	162	100	32	-10	-6	6	-6	-37	-73	-112	-121	-80	-12	39	46	4	-60	-135
-176	-156	-96	-55	-24	-18	-3	39	86	109	104	68	34	-3	-15	9	25	11	-5	-16
-27	-48	-65	-14	57	69	66	69	86	87	44	-29	-105	-159	-161	-150	-160	-189	-203	-141
-80	-66	-30	28	92	137	147	115	84	84	93	106	120	116	111	88	52	28	-4	-34
-42	-39	-40	-65	-107	-154	-201	-219	-210	-168	-126	-90	-66	-44	-12	8	-33	-95	-145	-164
-172	-137	-75	-29	-10	2	17	42	62	79	103	110	109	138	161	139	93	57	50	74
98	92	93	97	90	49	-8	-33	-39	-69	-72	-41	-39	-46	-66	-71	-69	-51	-29	-20
-40	-67	-83	-92	-121	-157	-191	-203	-166	-114	-72	-26	23	56	88	123	141	117	77	46
65	117	145	126	84	57	72	126	163	188	200	172	133	76	-3	-73	-128	-160	-152	-143
-135	-131	-123	-111	-91	-80	-87	-101	-116	-114	-84	-38	8	60	112	163	194	192	183	174
165	152	132	109	84	56	25	-11	-50	-90	-119	-133	-135	-135	-135	-134	-133	-125	-119	-107
-67	-19	5	25	45	69	98	132	164	159	115	69	26	-23	-74	-114	-130	-110	-65	-19
27	77	106	107	96	91	93	114	139	147	146	138	117	84	58	32	2	-36	-77	-112
-138	-149	-127	-109	-93	-76	-60	-38	-15	2	16	31	49	61	59	62	83	114	123	135
137	123	100	84	70	41	-9	-66	-134	-187	-210	-193	-146	-98	-55	-24	0	28	61	97
122	146	166	175	158	134	114	88	59	34	12	1	1	3	-6	-37	-83	-121	-141	-148
-152	-160	-173	-194	-183	-133	-97	-59	-26	4	29	57	97	133	117	71	32	5	-3	10
13	13	13	18	38	48	39	40	35	12	-30	-54	-59	-56	-54	-39	-6	20	16	0
-2	0	5	30	51	38	16	-2	-24	-49	-76	-104	-113	-91	-55	-13	15	40	58	65
75	78	56	18	-21	-57	-77	-79	-53	-15	13	22	21	13	-6	-29	-37	-24	4	18
24	55	97	125	139	140	126	103	83	67	48	38	45	38	6	-41	-81	-107	-136	-155
-160	-162	-172	-187	-197	-179	-137	-103	-78	-52	-24	4	33	61	87	113	135	142	120	94
80	60	55	50	34	21	16	25	28	-1	-41	-57	-65	-54	-50	-47	-49	-57	-72	-93
-110	-121	-119	-86	-73	-61	-47	-42	-40	-37	-40	-40	-22	4	16	1	-27	-49	-57	-53
-40	-6	43	86	117	130	130	126	109	82	56	34	10	-11	-25	-36	-45	-51	-56	-59
-58	-57	-56	-55	-53	-47	-23	2	10	13	5	-12	-34	-47	-49	-46	-44	-37	-36	-43
-53	-60	-69	-72	-68	-53	-30	-5	15	37	56	69	71	70	75	101	140	174	197	220
224	205	169	131	107	96	82	64	29	-17	-51	-65	-77	-88	-98	-100	-103	-110	-95	-69
-48	-20	-10	0	15	27	1	-33	-55	-72	-56	-26	-6	-6	-38	-61	-66	-54	-31	-10
2	5	2	-6	-17	-26	-37	-47	-52	-57	-63	-63	-42	-22	-6	14	36	62	91	118
149	186	217	243	251	221	187	165	152	142	129	110	92	71	53	41	44	48	33	13
-10	-33	-58	-82	-101	-116	-130	-143	-147	-137	-111	-86	-67	-52	-37	-25	-19	-16	-4	3
-6	0	21	38	53	71	67	54	55	55	55	48	28	10	2	-3	-2	15	38	51
58	65	67	68	68	67	68	68	63	40	11	-10	-33	-50	-43	-28	-25	-27	-35	-45
-54	-58	-61	-59	-55	-49	-37	-26	-17	-11	-4	10	25	35	31	17	2	-13	-26	-33
-42	-57	-61	-68	-71	-64	-54	-48	-45	-41	-46	-51	-60	-60	-60	-54	-48	-49	-46	-52
-63	-74	-79	-79	-80	-74	-67	-58	-56	-58	-61	-66	-70	-75	-67	-53	-43	-33	-21	-11
0	18	42	67	85	103	121	139	160	175	174	174	177	169	150	127	103	83	70	62
55	37	15	-1	-7	-18	-43	-60	-66	-62	-59	-51	-43	-42	-48	-51	-54	-55	-62	-66
-66	-61	-58	-56	-55	-48	-50	-54	-65	-67	-69	-72	-66	-59	-51	-40	-31	-20	-13	-10
-1	12	27	40	59	73	74	71	66	58	45	36	26	22	26	18	18	19	16	14
15	11	0	-13	-28	-36	-34	-28	-28	-32	-45	-58	-63	-67	-66	-64	-62	-59	-54	-56

-59	16	-45	-21	5	28	47	67	86	107	125	134	128	125	121	116	114	112	93	68	41
11	-9	4	0	-4	-17	-29	-38	-74	-67	-62	-60	-55	-44	-25	-10	-5	9	18	15	11
11	11	4	0	29	51	66	76	84	89	90	82	69	55	52	54	51	48	36	18	-1
-22	-5	-42	-51	-49	-53	-49	-48	-54	-57	-62	-64	-56	-38	-19	-5	6	12	13	17	14
5	5	-5	-11	-13	-11	-6	1	6	14	20	19	17	20	27	34	40	44	42	28	10
-2	-2	-9	-17	-23	-11	-26	-38	-44	-39	-30	-21	17	-13	-6	-2	-1	0	2	4	11
31	31	49	60	71	79	85	83	74	66	52	34	24	18	10	9	4	9	16	28	32
32	32	28	21	14	9	1	-3	-5	-9	-14	-15	24	18	3	16	25	27	24	18	11
4	4	-2	-3	-8	-17	-21	-17	-6	0	-6	-6	-12	-4	-13	2	8	16	19	20	18
14	14	14	21	20	26	36	36	29	29	26	13	-3	-18	-33	-44	-43	-45	-43	-38	-30
-20	-13	-13	-4	4	20	24	28	26	22	13	-1	-13	-22	-29	-35	-42	-43	-37	-29	-25
-37	-37	-56	-74	-88	-88	-68	-50	-30	-19	-13	-23	-20	-15	-6	5	15	14	11	13	14
15	15	14	13	10	14	14	18	16	33	44	36	15	-4	-14	-9	1	10	13	3	-7
-8	-8	-3	-6	-19	-32	-39	-35	-16	4	21	19	11	4	4	16	37	50	44	37	36
37	37	27	9	-6	-19	-31	-44	-57	-55	-58	-67	-65	-64	-65	-70	-76	-65	-49	-38	-35
-51	-51	-54	-52	-44	-40	-36	-36	-34	-30	-20	6	28	30	23	22	26	34	45	59	62
69	69	69	67	63	65	69	66	58	55	50	56	58	47	33	21	11	2	7	16	15
5	5	-8	-24	-35	-40	-43	-30	-33	-60	-81	-91	-88	-79	-67	-58	-54	-45	-32	-19	-6
3	3	16	35	48	55	56	51	48	41	37	43	42	48	57	63	61	49	37	28	23
25	25	20	8	0	-1	-7	-15	-13	-8	-6	-1	8	20	26	27	27	20	7	-8	-20
-25	-25	-28	-26	-26	-28	-27	-23	-28	-37	-38	-33	-26	-22	-15	-8	1	15	29	28	22
15	15	1	1	11	18	20	12	1	17	-34	-44	-56	-60	-58	-59	-60	-55	-47	-37	-23
-9	-9	6	11	9	11	16	19	18	17	16	19	22	19	14	15	21	21	14	10	8
-1	-1	-6	-7	-1	3	5	1	-4	-9	-12	-13	-9	-2	9	16	28	40	42	40	37
32	32	32	27	15	10	9	3	3	-4	-13	-17	-17	-23	-22	-13	-6	-3	-1	-7	-11
22	22	-13	-2	6	12	11	13	16	24	22	21	21	26	25	24	21	18	16	18	15
-14	-14	17	0	-8	14	-25	-35	-36	-34	-32	-23	-9	5	11	14	19	24	28	28	24
16	16	6	-2	-13	-30	-37	-44	-37	-27	-23	-23	-23	-17	-12	-2	3	3	3	2	5
-1	-1	-4	-15	-23	-23	-21	-16	-9	-8	-5	2	13	21	22	29	39	40	31	21	16
10	10	7	8	5	6	6	9	14	19	20	17	18	19	27	29	20	19	22	23	20
9	9	0	-2	0	2	6	10	6	4	1	5	4	2	0	-15	-23	-29	-30	-31	-30
-21	-21	-19	-22	-21	-17	-20	-19	-22	-24	-22	-17	-13	-12	-6	-3	-1	3	4	7	12
6	6	1	4	5	9	8	7	5	2	-3	3	9	9	9	6	0	0	0	-5	-7
-3	-3	-3	-7	-3	4	2	3	10	7	3	6	9	7	8	10	5	2	6	6	1
-4	-4	-8	-7	-10	-12	-13	-19	-25	-26	-25	-23	-20	-19	-24	-24	-23	-21	-17	-12	-9
-5	-5	-6	-12	-17	-29	-35	-22	-15	-8	-2	-4	-5	-6	-3	6	10	7	2	-10	-19
-22	-22	-22	-14	-8	-10	-9	-10	-10	-6	1	7	13	20	24	28	34	41	40	34	28
25	25	24	24	25	25	27	27	23	19	15	13	13	14	10	12	14	13	12	9	15
29	29	35	34	28	13	4	-3	-8	-11	-15	-23	-33	-41	-51	-61	-61	-67	-71	-69	-69
-71	-71	-65	-54	-46	-36	-23	-19	-11	-4	2	7	10	18	22	15	15	8	-1	-5	-6
10	10	-8	-2	-27	-8	-4	0	1	2	11	21	32	39	43	43	42	46	43	33	28
-25	-25	18	17	14	4	0	-3	-8	-17	-27	-26	-16	-16	-15	-7	0	0	5	9	11
10	10	13	18	25	33	33	30	24	17	19	25	24	22	18	16	12	5	-2	-2	-6
-13	-13	-20	-20	-22	-27	-33	-34	-33	-26	-16	-11	-11	-2	9	11	13	20	16	13	15
15	15	14	9	7	10	13	12	4	0	-2	-10	-11	0	-1	-4	-3	2	0	2	-1
-11	-11	-17	-14	-10	-7	1	6	3	0	0	0	4	8	8	9	8	2	-1	0	3
7	7	13	21	25	28	32	27	25	35	34	31	29	29	26	26	22	14	10	7	3
1	1	1	2	4	6	9	12	15	19	22	23	24	25	26	28	30	34	34	25	11
2	2	-13	-32	-43	-52	-57	-61	-69	-70	-71	-67	-61	-56	-50	-44	-40	-40	-41	-41	-39

-34	-31	-28	-21	-13	-6	4	11	11	7	3	3	6	8	9	8	9	9	11	10
8	6	4	2	4	2	-4	-9	-12	-14	-16	-14	-15	-16	-14	-11	-5	0	11	9
10	11	14	16	19	19	16	15	20	22	19	17	14	12	10	10	10	11	11	8
2	-1	-2	-1	0	-1	-5	-6	-5	-3	-1	-3	-5	-6	-3	1	2	2	6	12
13	9	2	-1	-5	-11	-13	-12	-12	-12	-14	-15	-16	-17	-17	-17	-17	-15	-12	-11
-10	-9	-9	-2	-3	-9	-9	-7	-5	-3	1	1	-1	-1	1	4	4	7	10	7
4	1	-1	-2	-3	-3	-2	0	1	2	2	3	5	5	3	3	8	8	10	14
16	14	11	10	11	14	17	19	19	20	19	17	12	9	7	7	8	7	7	5
4	2	0	0	0	-1	-4	-7	-9	-12	-16	-18	-17	-18	-29	-38	-40	-45	-48	-48
-48	-48	-47	-44	-41	-40	-37	-34	-28	-21	-13	-7	-5	2	11	14	14	14	14	14
14	14	13	11	8	7	7	7	8	10	10	10	14	18	24	30	38	45	51	55
61	63	67	65	65	61	51	47	47	41	34	22	9	0	-8	-15	-20	-23	-22	-23
-25	-30	-34	-37	-36	-31	-28	-21	-20	-20	-18	-17	-17	-17	-15	-13	-10	-4	-3	-9
-16	-18	-19	-18	-16	-11	-6	0	7	11	13	17	20	15	14	20	25	30	35	41
46	45	44	38	35	32	28	30	34	35	33	33	30	24	23	19	9	0	0	4
8	8	0	-7	-10	-12	-14	-17	-21	-26	-30	-32	-34	-39	-44	-51	-48	-45	-44	-37
-30	-24	-19	-15	-10	-5	-2	0	1	3	-3	0	2	-4	-3	-6	0	5	3	-3
-7	-9	-10	-9	-8	-12	-15	-11	-16	-25	-18	-15	-15	-11	-5	0	3	5	11	18
20	17	18	17	15	11	8	8	12	12	8	9	12	14	13	13	14	18	22	23
21	19	19	21	24	29	28	23	20	16	12	10	9	-1	-6	-11	-22	-22	-20	-25
-27	-29	-33	-32	-28	-27	-25	-24	-24	-24	-25	-27	-28	-30	-33	-36	-39	-44	-45	-44
-42	-41	-41	-40	-37	-33	-25	-15	-6	0	4	7	14	17	20	19	18	18	17	19
17	15	13	11	8	7	10	13	15	15	16	13	7	4	4	7	8	3	7	16
18	18	16	11	10	9	5	0	-3	-6	-12	-18	-18	-12	-7	-7	-4	-3	1	8
7	4	7	7	8	13	14	14	11	4	1	1	3	8	12	12	10	8	6	3
2	1	0	-2	-8	-14	-19	-19	-15	-11	-3	2	3	8	11	16	15	15	17	22
25	29	30	25	18	-10	-13	19	19	16	10	6	3	-1	-7	-12	-15	-18	-19	-21
-26	-30	-37	-43	-45	-45	-45	-44	-41	-37	-34	-30	-26	-21	-20	-20	-17	-12	-9	-7
-4	2	6	13	15	15	17	23	31	37	39	39	39	40	40	39	38	36	37	38
40	41	43	44	41	40	40	39	32	24	20	13	7	4	2	-1	-5	-7	-4	0
2	-4	-12	-23	-28	-27	-31	-34	-33	-30	-26	-25	-22	-19	-18	-14	-7	0	-1	-1
2	14	26	30	32	32	34	30	25	23	20	15	11	9	7	8	7	7	6	6
6	6	6	8	10	11	10	8	6	3	7	13	12	13	13	11	9	6	6	6
4	0	-6	-10	-10	-12	-15	-17	-19	-19	-19	-19	-19	-18	-16	-15	-16	-16	-19	-22
-26	-30	-31	-33	-35	-34	-30	-23	-18	-16	-16	-16	-17	-20	-19	-19	-19	-17	-15	-17
-18	-17	-17	-16	-16	-16	-14	-6	1	0	1	1	1	2	4	9	10	10	11	11
12	11	8	1	1	0	-8	-20	-27	-29	-27	-27	-26	-24	-22	-21	-23	-25	-23	-20
-16	-10	-3	2	11	14	13	13	13	15	18	21	24	25	24	22	19	18	17	15
12	7	2	1	-3	-9	-18	-21	-25	-25	-22	-22	-20	-19	-19	-19	-19	-18	-17	-15
-13	-9	-6	-1	1	1	3	6	9	8	8	7	5	3	3	3	3	3	2	-2
-5	-5	-4	0	4	7	14	19	20	20	20	20	20	20	19	17	18	18	18	18
18	16	16	16	16	16	17	17	17	15	12	11	11	11	10	3	0	1	1	2
0	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	0	1	1	1	2	3	3
4	5	6	7	7	13	15	16	18	21	22	17	9	8	11	11	9	7	7	7
7	7	7	7	7	7	9	11	9	5	2	-2	-4	-3	-2	-2	-3	-5	-6	-6
-6	-6	-4	-3	-3	-3	-3	-1	2	1	0	0	-1	-3	-6	-9	-13	-17	-19	-19
-15	-9	-8	-8	-7	-6	-4	-3	-3	-1	1	2	4	7	7	5	3	9	17	25
29	29	30	31	31	32	32	32	33	30	24	23	21	13	3	-2	-5	-7	-10	-14
-20	-24	-25	-28	-30	-30	-31	-33	-32	-33	-34	-35	-34	-32	-27	-23	-22	-19	-11	-5
0	6	11	14	17	21	21	17	14	12	11	11	11	9	6	4	-2	-9	-13	-15

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

II195 71.140.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 465 SAN JUAN CAPISTRANO, CAL.
 INSTR PERIOD = 0.0470 SEC DAMPING = 0.676
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS		ACLN = -31.0 CM/SEC/SEC AT 19.18 SEC		VELO = 4.6 CM/SEC AT 17.06 SEC		DISP = -2.4 CM AT 32.06 SEC													
4942 INSTRUMENT AND BASELINE CORRECTED DATA		INITIAL VELO = -0.40624 CM/SEC		INITIAL DISP = 0.01375 CM		AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.													
-3	6	17	26	26	16	8	-6	-24	-30	-23	-19	-19	-15	-16	-18	-7	11	25	32
33	20	0	-21	-11	18	34	24	7	2	5	12	24	24	0	-19	-37	-49	-38	-13
5	11	13	11	3	11	3	14	21	34	52	39	25	18	14	6	-1	-16	-20	-23
-24	-14	-2	7	12	15	18	26	19	14	21	32	25	6	-17	-22	-20	-16	-8	-4
-2	-7	-20	-28	-26	-19	-9	13	38	46	46	47	45	39	30	13	-14	-21	-15	-15
-12	-14	-25	-19	-11	-3	7	-1	2	11	20	19	10	2	2	2	4	4	4	10
30	39	30	13	-11	-33	-48	-52	-55	-47	-20	1	11	17	10	16	31	32	11	-9
-22	-28	-17	-3	1	-33	-20	-40	-37	-20	-7	-14	-8	25	45	47	42	24	5	-4
-1	2	-2	-8	-20	-24	-10	3	2	-14	-30	-32	-14	-12	-15	-10	-8	-4	18	32
32	23	3	-10	-10	-5	-1	6	11	19	21	8	-6	-14	-12	3	19	27	23	-4
-26	-23	-12	-4	-9	-2	15	21	21	22	19	8	-7	-17	-20	-14	-11	-27	-32	-34
-34	-14	15	26	19	6	-8	-17	-17	-13	-11	5	19	1	-17	-9	-6	-8	4	13
19	10	0	-5	-16	-20	-7	7	15	19	24	29	24	13	-6	-22	-20	-10	0	-16
-30	-37	-39	-36	-24	-23	-10	0	-8	-3	4	17	37	34	22	5	-4	-7	-15	-2
21	35	32	2	-9	4	5	0	-16	-29	-38	-32	-16	-4	-13	-22	-17	10	56	58
30	4	-7	-22	-20	5	13	16	15	14	26	30	17	-12	-42	-47	-23	1	11	-1
-10	-12	-8	6	21	25	18	1	-7	-5	3	9	8	-4	-27	-45	-39	-29	-25	-27
-15	6	25	31	20	2	-25	-45	-30	5	26	27	23	21	25	34	40	64	75	45
12	-12	-24	-18	-17	-11	-19	-24	-21	-19	-4	6	5	-17	-40	-26	2	20	22	6
-24	-33	-7	13	22	15	18	26	19	-4	-28	-33	-28	-17	-9	-2	-3	0	11	10
5	-1	-3	-7	-8	-6	-12	-22	-19	-12	-5	3	0	-11	-13	2	5	5	2	2
11	23	8	-12	7	34	61	65	51	34	27	-2	-24	-42	-48	-36	-16	-8	-1	7
6	0	-3	7	29	35	36	38	29	18	10	-2	-14	-17	-20	-22	-6	11	18	10
5	13	19	33	19	-10	-28	-24	0	25	22	22	28	33	32	17	-3	-15	-22	-21
-16	-20	-27	-25	-3	29	51	70	67	60	52	34	8	-32	-56	-27	9	5	-8	-30
-70	-107	-128	-132	-131	-129	-125	-82	-17	27	41	38	41	43	29	9	-5	10	63	118
139	130	118	107	89	75	58	55	68	58	18	-8	39	83	82	45	0	-7	10	15
-5	-14	-11	-11	-11	-72	-48	-8	-15	-48	-91	-120	-141	-138	-106	-82	-63	0	45	58
89	142	139	72	12	-18	-13	28	80	109	96	64	21	-2	-4	-16	-49	-96	-154	-198
-197	-172	-140	-98	-56	-42	-62	-88	-112	-124	-91	-37	2	64	139	183	160	85	9	-29
-22	-10	-30	-55	-62	-67	-68	-62	-77	-100	-96	-69	-51	-26	2	27	67	75	66	45
12	-5	24	97	116	35	-81	-132	-91	19	130	137	37	-83	-170	-175	-136	-69	-44	-91
-142	-139	-65	24	79	112	141	146	149	151	164	189	202	175	107	11	-61	-92	-77	-50
-43	-59	-85	-104	-84	-43	13	89	182	259	265	206	147	111	79	54	52	63	83	82
69	22	-69	-168	-206	-190	-186	-205	-208	-176	-125	-64	-12	-26	-90	-135	-96	16	109	140
155	147	84	7	-23	-18	-13	-3	12	27	42	41	-4	-47	-67	-70	-56	-39	-7	-19
-38	-34	-15	-1	13	75	127	82	-4	-54	-11	97	199	185	88	20	19	64	93	120
96	57	36	11	-50	-135	-187	-161	-106	-81	-49	-24	10	46	77	116	136	132	108	69
30	15	2	-41	-140	-196	-171	-125	-92	-97	-133	-176	-166	-95	-41	-5	8	-32	-82	-60
59	149	122	50	42	86	149	148	38	-63	-89	-29	101	202	186	115	12	-35	-42	-65

-85	-98	-69	-17	0	8	19	35	37	44	42	12	-30	-48	-15	-41	-119	-153	-101	-60
-67	-69	-38	1	1	2	-13	-27	-36	-9	33	78	136	163	107	52	49	65	91	134
157	195	215	242	262	293	258	195	71	-48	-47	37	110	60	-82	-197	-229	-187	-192	-231
-270	-245	-95	101	216	172	27	-119	-191	-238	-266	-233	-215	-207	-189	-164	-100	-87	-55	-97
-86	-55	29	93	100	54	21	14	27	60	127	209	277	283	251	218	201	159	71	-45
-148	-197	-139	-113	-95	-48	-49	-66	-83	-110	-135	-108	-98	-149	-180	-170	-115	-103	-95	-93
-42	-1	60	124	126	96	71	48	23	9	-11	-50	-83	-87	-43	25	58	62	61	49
60	128	191	256	266	212	150	127	132	131	120	78	33	13	6	-45	-126	-219	-300	-310
-241	-173	-103	-21	53	67	15	-28	-35	-3	32	55	59	15	-28	-17	58	98	78	25
-13	-56	-93	-138	-161	-124	-49	20	22	-34	-80	-92	-35	40	130	227	299	303	232	123
35	-44	-103	-136	-150	-101	-51	-45	-58	-60	-72	-98	-110	-82	-41	-9	25	45	46	48
55	57	63	91	118	147	148	112	80	30	-21	-65	-108	-95	-64	-51	-36	-22	-45	-80
-92	-111	-116	-85	-49	-12	21	49	83	110	131	145	147	148	147	147	147	148	147	115
53	-19	-91	-145	-170	-134	-87	-46	10	56	74	39	-11	-51	-57	-49	-50	-51	-51	-39
2	40	84	116	97	56	7	-21	7	19	17	-12	-56	-109	-160	-157	-105	-74	-64	-87
-95	-97	-77	-52	-34	-2	20	-7	-40	-67	-79	-66	-46	-8	31	68	100	108	79	67
55	37	0	-6	37	71	90	94	92	92	92	97	105	107	94	67	40	13	-22	-35
-42	-34	-12	-22	-60	-95	-106	-115	-133	-128	-104	-68	-27	12	18	-22	-45	-39	-46	-46
-61	-87	-88	-65	-49	-42	-45	-46	-45	-32	-104	7	48	77	57	53	74	115	146	140
87	47	33	28	15	4	-3	-6	-6	-5	-5	-5	-5	-5	-5	-5	-5	-4	-5	-11
-26	-15	9	25	36	27	15	4	-11	-32	-48	-59	-72	-95	-125	-123	-84	-45	-8	19
36	39	35	23	13	10	35	68	91	105	123	140	106	62	21	-14	-58	-102	-128	-134
-115	-94	-78	-67	-65	10	-63	-52	-48	-38	-19	1	18	31	50	72	83	96	113	138
157	159	147	131	114	85	51	17	-12	-45	-81	-114	-134	-116	-102	-83	-75	-90	-107	-98
-74	-46	-30	-23	-13	-1	10	21	29	34	34	32	24	26	36	36	19	-14	-41	-82
-116	-136	-133	-105	-80	-45	4	42	68	93	116	123	111	108	111	114	116	115	109	92
72	42	0	-36	-61	-72	-86	-104	-122	-140	-144	-114	-70	-27	17	33	46	61	74	84
89	95	109	113	107	84	56	30	-1	-6	-7	-16	-25	-32	-32	-34	-39	-38	-20	2
24	41	40	13	-6	-5	19	53	97	122	98	60	36	9	-6	-15	-7	8	18	10
-16	-48	-68	-76	-73	-56	-34	6	27	48	75	82	76	62	44	28	43	65	64	36
13	-7	-32	-40	-32	-43	-83	-116	-140	-136	-97	-53	-29	-19	-8	5	17	21	9	-25
-63	-88	-107	-109	-89	-65	-42	-14	20	47	59	79	95	116	140	158	167	165	160	158
-132	-131	-95	-61	-38	-16	-11	-16	-21	-22	-63	-88	-92	-74	-75	-78	-81	-90	-102	-111
-88	-74	-55	-43	-32	-15	3	20	45	70	-21	-21	-26	-38	-48	-58	-70	-78	-80	-87
-48	-70	-83	-100	-117	-126	-130	-119	-104	-106	78	75	75	73	62	45	32	22	5	-20
33	55	88	121	138	-126	131	106	74	54	-114	-123	-124	-108	-84	-57	-33	-16	-3	13
-110	-82	-60	-50	-48	141	131	106	74	54	41	27	17	-3	-36	-76	-110	-124	-120	-119
72	51	35	28	28	-40	-23	-14	-14	-9	-11	-1	23	38	39	42	56	64	71	82
-70	-50	-38	-36	-31	22	2	-19	-31	-33	-32	-41	-45	-47	-50	-50	-53	-62	-73	-82
143	138	130	121	99	-16	4	31	56	71	70	71	87	101	107	113	119	132	145	143
-17	-31	-43	-46	-48	67	39	21	8	0	10	24	31	36	37	34	35	34	15	-7
61	68	70	67	61	-47	-45	-35	-24	-18	-14	-11	-9	-4	4	10	17	31	44	54
-31	-35	-41	-38	-34	52	32	18	9	5	7	13	16	17	20	20	18	6	-9	-24
-1	2	0	8	17	-22	37	40	41	53	51	48	41	35	23	13	11	13	10	2
17	16	9	16	23	28	22	15	14	8	-11	-40	-60	-75	-89	-102	-104	-92	-81	-75
-67	-61	-59	-51	-43	-34	-24	-9	-9	-19	-32	-32	-20	-11	-7	-12	-15	-17	-16	-14
-5	1	2	6	24	34	35	36	33	29	38	52	55	51	40	35	36	26	21	16
7	-1	-8	-22	-37	-50	-60	-62	-62	-64	-62	-65	-67	-66	-60	-55	-52	-49	-43	-35
-35	-31	-29	-20	-16	-12	-5	-1	15	29	37	45	47	41	37	31	22	18	10	-4

-12	-15	-11	-12	-13	-11	-8	-2	10	20	19	5	-5	-10	-15	-13	-8	-6	-8	-15
-28	-40	-49	-44	-31	-19	-7	2	11	9	-2	-14	-31	-51	-64	-73	-85	-96	-94	8
-92	-82	-71	-53	-34	-16	-6	-10	-16	-17	-8	2	8	16	14	10	11	12	8	59
9	10	5	-2	-5	1	10	16	57	30	28	24	13	11	28	48	61	59	53	21
70	79	78	74	76	74	66	59	57	58	46	28	13	-8	-17	-28	-30	-21	-18	18
-27	-29	-30	-30	-34	-39	-45	-50	-48	-51	-42	-31	-23	-18	-15	-17	-16	-1	11	-21
26	30	37	47	54	59	61	60	60	57	48	39	37	34	27	16	4	-7	-14	3
-31	-42	-40	-24	-4	12	25	40	47	51	59	67	70	72	77	71	48	32	16	-22
-3	2	5	-4	-10	-5	-2	-15	-37	-57	-70	-77	-88	-93	-100	34	-78	-56	-38	7
-5	5	16	27	36	50	59	61	59	60	60	52	40	36	36	34	23	14	7	-2
-19	-30	-19	-11	-4	-10	-11	-10	-19	-25	-24	-18	-10	-1	3	-1	2	8	9	15
25	28	29	28	28	23	17	14	18	25	32	35	28	17	8	5	17	27	30	32
26	9	0	-5	-18	-34	-51	-67	-69	-60	-61	-69	-72	-64	-45	-51	-63	-72	-59	-37
-20	-6	-2	-9	-7	-1	0	2	15	25	41	60	70	70	70	67	59	50	44	36
23	16	7	6	5	-10	-22	-29	-30	-17	7	20	20	14	5	-4	-9	-10	-8	-24
-40	-55	-69	-72	-56	-36	-15	-3	-3	-4	11	34	49	59	68	82	87	79	78	77
70	58	37	30	28	20	21	23	16	3	-6	-17	-21	-17	-10	-15	-30	-45	-55	-59
-64	-74	-78	-78	-74	-60	-53	-57	-59	-66	-70	-59	-49	-46	-50	-42	-30	-9	12	21
24	31	39	47	47	41	38	35	24	12	7	3	-3	-8	-11	-17	-27	-33	-39	-43
-44	-32	-19	-13	-8	-8	-12	-17	-29	-38	-43	-41	-38	-38	-35	-28	-32	-33	-22	-6
12	23	32	38	40	35	30	28	31	36	40	44	42	34	25	19	9	-5	-14	-24
-36	-41	-42	-41	-41	-41	-38	-33	-28	-26	-22	-20	-19	-16	-11	-5	-1	-4	-10	-11
-7	3	14	28	37	36	31	25	23	19	16	11	6	2	0	0	-6	-11	-18	-23
-26	-25	-19	-7	2	10	17	22	21	20	26	35	42	44	44	47	48	51	50	41
28	16	8	6	9	14	20	23	28	27	29	33	37	40	35	29	25	23	23	22
19	16	6	-5	-5	-2	1	-5	-10	-12	-10	-8	-7	-7	-5	-6	-14	-19	-18	-20
-21	-18	-18	-17	-14	-13	-13	-12	-9	-5	-2	-2	-1	0	-1	-5	-8	-9	-9	-9
-9	-9	-7	-5	-5	-7	-4	2	8	15	23	29	30	32	37	43	45	36	26	23
19	18	17	14	12	-1	-10	-8	-12	-16	-16	-15	-16	-18	-17	-17	-19	-20	-19	-18
-16	-14	-13	-10	-5	-1	3	8	15	23	28	33	38	37	31	26	22	22	25	27
26	17	7	-8	-25	-35	-45	-49	-52	-54	-53	-52	-55	-59	-63	-65	-65	-63	-59	-55
-51	-42	-35	-30	-27	-26	-23	-23	-24	-16	-7	-7	-3	5	15	21	27	35	41	41
43	47	46	43	35	26	18	15	14	14	12	5	-1	-3	-5	-9	-14	-18	-20	-19
-19	-19	-20	-22	-24	-26	-20	-32	-26	-19	-11	0	12	15	17	15	11	10	19	20
19	22	25	26	27	25	20	23	35	41	47	53	58	62	59	50	42	32	20	14
9	1	-7	-14	-21	-21	-16	-17	-20	-19	-16	-19	-23	-23	-24	-25	-27	-28	-28	27
-28	-28	-26	-24	-24	-24	-24	-24	-24	-24	-26	-25	-21	-17	-12	-4	5	15	23	27
29	30	33	37	39	40	40	40	41	43	43	40	36	28	17	6	-2	-12	-21	-28
-33	-36	-37	-41	-44	-40	-35	-31	-19	-7	3	11	13	10	14	20	24	36	44	49
52	54	52	47	42	38	39	36	38	40	34	29	28	29	24	20	17	14	6	-5
-17	-28	-36	-44	-43	-45	-46	-47	-46	-45	-42	-39	-38	-36	-28	-18	-13	-10	-6	-2
0	3	4	2	1	0	-3	-5	-8	-11	-13	-13	-11	-10	-6	-7	-13	-14	-14	-14
-18	-25	-29	-26	-24	-17	-8	2	12	18	21	26	28	30	35	39	39	38	34	29
28	28	22	14	6	-1	-6	-11	-18	-28	-36	-43	-48	-52	-54	-56	-55	-46	-38	-31
-29	-28	-24	-22	-18	-15	-9	-2	4	11	17	18	17	12	11	9	8	10	10	15
17	10	11	13	14	17	13	6	0	-6	-9	-9	-8	-6	-6	-4	-2	1	1	0
0	0	2	-1	-3	-2	-4	-9	-12	-11	-8	-11	-8	-9	-9	-6	-2	-3	-5	-8
-8	-6	-7	-7	-7	-4	-2	6	5	4	4	6	7	9	11	10	10	11	10	7
2	-1	-4	1	7	4	-2	4	15	13	9	7	3	-2	0	-5	-9	-12	-11	-14
-17	-16	-9	-6	-4	-4	-9	-5	-1	-1	4	7	9	6	6	8	7	9	9	6

11	16	8	4	7	0	-11	-15	-19	-21	-24	-28	-32	-32	-33	-31	-38	-41	-30	-16
-8	1	9	15	19	29	36	39	40	35	38	51	53	50	48	51	51	44	37	31
28	35	45	53	42	32	29	25	17	17	16	6	-1	-7	-11	-9	-12	-20	-22	-25
-20	-15	-17	-20	-15	-13	-19	-16	-9	-7	-12	-12	-3	15	24	19	16	21	18	16
20	23	19	21	25	25	26	27	21	15	17	12	1	5	-1	2	0	-3	-8	-12
-11	-11	-11	-8	0	1	-2	-2	-4	-2	-3	-7	-9	-9	-9	-12	-14	-13	-21	-24
-20	-11	-3	-3	-12	-20	-21	-12	-4	12	20	13	14	15	5	11	24	38	34	21
21	26	30	34	27	32	15	3	9	11	10	9	12	1	-1	-4	11	1	8	-1
-11	-13	-11	-19	-35	-50	-54	-49	-53	-56	-67	-71	-70	-71	-62	-51	-59	-79	-87	-78
-81	-77	-68	-55	-39	-34	-24	-42	-24	-4	1	19	34	25	7	-1	0	-4	-6	-3
-8	-23	-42	-35	-27	-16	-22	-20	-8	-13	-16	8	18	29	31	29	23	30	41	37
29	32	30	32	44	51	47	40	46	44	37	36	33	24	21	20	16	25	31	21
20	21	8	-11	-11	5	5	-14	-26	-24	-11	-8	-11	-5	-3	-2	-2	2	11	9
8	14	8	0	-1	3	2	-3	0	0	-5	3	7	4	8	11	6	-4	-7	4
14	18	21	30	26	18	29	37	30	33	37	39	34	33	21	16	9	6	2	-1
-5	-17	-26	-32	-38	-37	-43	-43	-34	-39	-41	-35	-37	-34	-14	-4	5	11	2	-6
14	15	1	5	19	13	20	19	12	16	22	15	3	-6	-6	0	3	6	7	-5
-8	1	5	3	-14	-9	0	-4	-8	-1	9	5	-6	-2	8	9	4	-2	-1	-5
-3	6	9	2	-7	-10	-7	-8	-17	-28	-12	7	-8	-28	-21	-14	-7	-21	-19	-21
-33	-32	-16	-16	-25	-19	-10	-7	-8	4	0	1	10	21	32	32	33	16	1	8
19	23	16	2	0	2	9	13	0	-11	-16	-14	-8	-22	-22	-16	-17	-9	-5	0
5	9	14	11	14	7	2	17	21	10	-16	11	12	15	13	7	7	0	-2	2
-7	-17	-25	-26	-30	-38	-52	-50	-20	-14	-16	-23	-23	-20	-17	-16	-10	0	-2	-5
0	-2	-9	-9	-7	-1	2	1	3	7	19	17	11	10	2	7	9	6	7	6
5	2	1	4	7	8	10	10	12	21	24	24	24	-15	-6	26	32	35	32	29
33	38	35	35	37	32	29	19	15	8	7	4	-6	-15	-24	-8	4	-2	-8	-14
-13	-15	-15	2	-1	-8	-10	-12	-13	-13	-12	-8	-10	-7	-13	-17	-15	-13	-15	-18
-13	-5	-5	-3	-1	0	-3	-4	-13	0	12	10	17	13	9	11	10	11	10	8
9	13	11	19	27	24	24	23	-20	19	19	15	14	11	6	-5	-9	-7	-15	-19
-20	-28	-36	-31	-24	-26	-39	-36	-29	-21	-11	-1	0	3	8	6	6	6	2	7
2	5	12	24	17	11	9	13	16	20	10	-4	-9	-3	-2	1	15	7	3	9
15	13	25	30	28	20	5	8	14	9	6	0	-15	-21	-15	-36	-38	-24	-19	-24
-23	-9	-2	-3	-3	-3	-1	4	3	-7	-3	0	2	9	10	10	13	15	15	23
31	27	20	19	26	27	15	7	2	-5	-1	-11	-29	-15	2	-5	-9	14	10	8
5	-10	-28	-25	-14	0	6	1	-1	-6	-12	-11	3	7	0	-4	-13	-22	-13	-12
-23	-18	-22	-23	-29	-42	-36	-25	-20	-22	-23	-21	-23	-30	-32	-26	-25	-35	-43	-40
-40	-37	-31	-32	-29	-18	-13	-20	-30	-31	-23	-20	-25	-32	-43	-29	-13	-22	-3	-6
-11	-14	-15	-14	-28	-35	-29	-37	-48	-48	-40	-38	-35	-24	-20	-15	-13	-14	-16	-17
-2	-5	-24	-30	-15	-4	10	19	18	16	25	39	40	43	48	51	52	51	42	31
35	38	46	42	22	13	8	15	28	22	22	20	14	14	20	22	24	21	23	27
26	15	12	18	17	27	31	30	35	32	34	38	27	22	20	11	9	9	11	6
1	-1	-7	-8	-1	0	3	2	0	6	10	7	7	2	1	12	9	6	19	27
33	48	45	35	41	35	34	42	56	56	52	51	59	64	54	29	34	33	25	22
18	22	21	28	39	33	29	28	13	14	10	-4	-9	-8	-7	-23	-11	2	3	-1
-21	-21	-13	-32	-37	-25	-28	-14	-16	-32	-17	-19	-27	-22	-22	-25	-22	-16	-19	-19
-21	-22	-18	-9	-3	-6	-19	-24	-26	-17	-18	-36	-43	-25	-19	-14	-14	-30	-26	-9
-16	3	30	22	24	31	32	18	7	9	14	18	17	12	7	-4	-21	-25	-3	13
-4	-8	-27	-34	-21	5	7	-6	-38	-37	-14	-15	-21	-6	-1	-3	-2	-21	-44	-39
-45	-40	-18	-23	-33	-31	-16	-14	-27	-27	-23	-34	-40	-54	-61	-47	-9	-4	-9	-11
-22	-15	-8	-6	-14	-24	-20	-12	-10	-13	-20	-25	-29	-34	-36	-31	-19	-23	-32	-25

-31	-25	-5	-2	2	1	4	-2	-8	-1	11	19	17	17	23	21	12	8	12	23
22	16	3	9	25	24	23	22	19	9	7	12	13	5	8	2	10	16	-1	-15
-4	-5	-4	4	2	-1	12	14	16	21	16	10	18	20	27	24	19	14	10	9
17	19	10	10	13	11	11	10	6	4	5	9	15	15	15	15	14	11	8	8
6	0	-4	-3	-3	-3	-1	1	1	1	1	1	2	4	7	9	10	9	9	10
10	10	10	10	9	7	5	3	2	2	2	2	3	4	5	6	7	7	7	7
7	7	7	6	5	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
-1	-5	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-7	-9	-12	-14
-15	-17	-18	-17	-17	-17	-17	-17	-17	-17	-17	-15	-13	-13	-13	-13	-13	-12	-11	-9
-6	-2	0	0	0	0	0	2	7	9	8	8	8	8	8	7	0	-6	-6	-3
-3	-3	-1	2	5	6	5	6	6	6	6	6	5	2	-1	3	7	10	10	10
10	10	11	11	11	11	11	11	11	11	11	11	11	11	7	-2	-5	-4	-4	-4
-3	-1	1	5	8	9	8	10	16	25	26	23	20	15	10	10	12	13	13	13
12	10	7	1	-1	1	3	5	5	3	2	2	2	2	2	2	3	4	5	2
-3	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-3	-1	0	0	0	0	0	0
0	0	1	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	6
-4	-16	-13	-8	-6	-7	-7	-9	-14	-22	-22	-18	-20	-22	-20	-16	-18	-18	-18	-20
-25	-26	-22	-19	-18	-18	-17	-15	-11	-5	-2	-2	-3	-8	-8	-2	5	5	-2	-8
-9	-9	-7	-5	-1	2	2	2	2	2	2	2	2	2	3	6	9	7	2	-4
-5	1	5	15	20	16	12	4	-5	-6	-5	-5	-5	-5	-7	-11	-13	-13	-11	-7
-3	1	0	-5	-6	-3	4	7	6	7	6	7	6	2	-2	-6	-10	-12	-11	-9
-9	-8	-6	-11	-20	-22	-14	-7	-6	-14	-25	-31	-24	-14	-5	-3	6	2	-9	-19
-26	-17	-5	4	16	16	1	-12	-13	-11	-10	-10	-9	-9	-8	-8	-9	-11	-14	-15
-11	-3	2	-1	-10	-15	-12	-6	-2	-2	-2	-2	1	4	6	5	5	2	0	5
6	5	5	2	0	-1	-2	0	0	-2	-3	-3	-1	5	12	16	17	16	14	8
3	0	1	8	21	30	32	29	26	24	24	24	24	24	24	24	24	26	29	31
30	30	30	30	30	30	30	30	30	27	19	15	11	3	-2	-9	-13	-12	-13	-12
-13	-12	-8	0	3	3	3	3	3	3	3	3	1	-2	-4	-1	5	10	11	8
-1	-10	-9	-8	-4	-1	-1	0	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1	0	-5	-9	-5	3	1	2	1	2	5	6	5	1	-4	1	2	1	-1	-4
-5	-6	-12	-13	-8	-9	-4	-9	-13	-10	-5	3	5	4	-2	-10	-4	6	4	0
-5	-1	6	10	12	11	11	14	13	13	14	17	17	17	17	17	14	13	14	19
22	22	24	27	29	23	24	27	24	26	27	25	19	16	15	14	10	1	-3	-3
-13	-15	-9	-16	-15	-12	-14	-14	-17	-17	-17	-18	-22	-22	-18	-12	-6	-5	-5	-5
-6	-8	-9	-8	-4	1	-4	-9	-10	-19	-28	-27	-24	-24	-25	-30	-32	-32	-32	-31
-29	-24	-23	-23	-23	-23	-23	-23	-23	-23	-23	-27	-23	-23	-23	-23	-22	-23	-29	-39
-38	-38	-38	-38	-38	-38	-37	-33	-24	-22	-31	-37	-33	-27	-21	-14	0	-3	-15	-18
-24	-25	-21	-20	-23	-17	-12	-11	-3	-2	-16	-16	-13	-15	-18	-19	-20	-18	-13	-11
-12	-15	-20	-19	-19	-17	-12	-10	-5	0	-3	-2	-2	3	8	10	9	11	17	16
14	19	22	20	13	10	13	17	19	19	21	19	19	19	20	22	23	23	23	23
24	23	20	15	11	6	10	18	17	5	12	22	24	18	17	16	13	24	27	36
41	37	36	38	43	47	45	44	44	43	42	41	37	32	31	35	35	35	33	31
30	29	28	27	26	24	20	19	22	21	22	21	21	21	19	15	12	12	15	19
20	19	16	7	4	9	7	7	6	6	6	6	6	3	2	2	4	9	10	9
10	10	10	12	14	12	9	4	1	2	2	3	2	-2	-5	-7	-8	-13	-9	-12
-11	-9	-9	-9	-9	-9	-9	-9	-8	-5	-5	-5	-3	0	1	1	0	3	3	3
3	3	2	-2	-12	-14	-12	-11	-8	-11	-15	-15	-12	-12	-17	-26	-23	-19	-19	-17
-15	-15	-16	-24	-30	-29	-27	-23	-20	-20	-19	-21	-24	-23	-25	-27	-24	-22	-22	-21
-21	-21	-21	-20	-20	-21	-21	-29	-28	-20	-19	-21	-24	-23	-25	-18	-11	-15	-19	-20
-21	-21	-21	-20	-20	-21	-21	-24	-28	-27	-25	-25	-28	-28	-26	-18	-11	-15	-19	-20

[illegible]

IIIN195 71.140.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 465 SAN JUAN CAPISTRANO, CAL.
 INSTR PERIOD = 0.0480 SEC DAMPING = 0.647
 PEAK VALS ACCLN = 21.0 CM/SEC/SEC AT 16.52 SEC VELO = 3.4 CM/SEC AT 18.94 SEC DISP = 1.6 CM AT 66.96 SEC

4950 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = -0.47394 CM/SEC INITIAL DISP = 0.21122 CM									
48	-28	-34	23	33	-8	-13	20	31	1
-8	-35	-22	23	44	-2	-28	3	39	16
43	-33	-49	15	44	-16	-49	-5	34	5
-45	-64	-31	-6	-25	-23	7	43	58	28
-22	-1	-3	-4	1	-3	-31	-35	13	49
-15	-30	4	56	55	21	-6	17	26	9
10	54	34	-7	2	42	30	-4	-29	-15
17	29	21	-19	-44	-11	26	19	1	14
-11	39	28	0	21	45	27	8	-3	-45
-9	21	29	38	26	10	30	44	-13	-13
51	33	10	-7	13	28	15	-9	-13	-11
-1	-22	-59	-48	-2	16	-5	-8	19	13
34	4	-38	-8	33	14	-38	-53	-37	-27
-12	-27	-21	-15	-4	5	-18	-21	9	27
-26	-51	-25	18	18	-20	-10	8	-25	-38
11	2	19	37	14	-22	-17	2	-6	-18
2	4	2	0	11	13	6	5	18	38
-43	-9	38	37	-7	-16	22	41	3	-23
12	54	31	-13	-15	29	27	3	16	45
1	-19	-14	9	3	-23	7	43	42	10
24	-8	-16	35	41	13	12	20	-3	-28
2	33	46	-3	-49	-23	-1	-6	-5	-1
24	22	-17	-28	3	47	44	0	-3	28
15	37	41	41	30	-11	-28	23	58	24
26	20	-8	-18	-16	-12	-8	0	5	-9
-23	-19	-7	-4	-31	-28	4	30	17	-16
-84	-8	36	-29	-72	-10	73	50	-34	-17
31	-27	-28	-40	-55	-54	2	51	31	4
51	89	30	-19	17	37	3	-14	24	35
4	-60	-65	40	87	5	-52	26	118	98
-12	-29	8	25	-22	-34	0	5	-20	-44
-36	-45	-39	-17	-7	-39	-73	-67	-31	-10
59	52	33	74	102	53	-22	-52	-61	-57
-22	-6	-13	-29	15	108	151	95	18	5
1	37	24	-10	-12	-8	-40	-72	-48	-4
-47	7	68	67	34	13	66	127	80	19
-38	-23	14	26	-10	-70	-108	-71	18	44
-50	-6	18	16	5	-15	-46	-38	-9	-30
-53	-77	-61	-63	-75	-72	-58	-53	-51	-37
77	65	51	34	39	17	-16	-6	23	27
24	2	16	35	48	15	10	-13	10	15
2	33	46	-3	-49	-23	-1	-6	-5	-1
15	37	41	41	30	-11	-28	23	58	24
26	20	-8	-18	-16	-12	-8	0	5	-9
-23	-19	-7	-4	-31	-28	4	30	17	-16
-84	-8	36	-29	-72	-10	73	50	-34	-17
31	-27	-28	-40	-55	-54	2	51	31	4
51	89	30	-19	17	37	3	-14	24	35
4	-60	-65	40	87	5	-52	26	118	98
-12	-29	8	25	-22	-34	0	5	-20	-44
-36	-45	-39	-17	-7	-39	-73	-67	-31	-10
59	52	33	74	102	53	-22	-52	-61	-57
-22	-6	-13	-29	15	108	151	95	18	5
1	37	24	-10	-12	-8	-40	-72	-48	-4
-47	7	68	67	34	13	66	127	80	19
-38	-23	14	26	-10	-70	-108	-71	18	44
-50	-6	18	16	5	-15	-46	-38	-9	-30
-53	-77	-61	-63	-75	-72	-58	-53	-51	-37
77	65	51	34	39	17	-16	-6	23	27

8	-6	57	90	44	8	4	-13	-46	-33	11	11	-30	-59	-74	-122	-170	-146	-81	-93
-94	-6	62	63	84	156	210	183	151	149	127	48	4	34	49	7	-10	19	48	74
83	72	34	-4	-21	-13	11	-7	-14	-24	74	-118	-137	-121	-98	-93	-52	-24	-67	-80
22	-88	43	-24	-26	32	43	17	-10	5	74	62	-8	-30	-28	-46	-89	-89	-78	-94
-122	-34	-34	-7	-8	-9	0	0	3	0	-19	-35	29	89	58	46	35	15	24	42
34	32	15	2	-14	-23	-42	-26	23	57	65	69	91	118	100	41	35	68	82	75
40	12	-14	-52	-97	-101	-117	-119	-97	104	-69	-26	25	84	111	143	169	187	202	201
161	137	126	106	61	43	45	19	-52	-90	-62	-27	-75	-125	-92	-72	-68	-79	-88	-91
-69	-62	-48	-22	-11	-26	-38	-28	-5	-12	-25	-2	35	70	47	40	38	27	-41	-72
-43	-11	-9	-1	22	31	29	25	17	20	39	32	10	-25	-41	-30	-59	-95	-138	-156
-165	-150	-136	-117	-81	-41	-7	5	20	22	12	5	-13	-1	32	53	60	6	-27	-37
-24	-13	-6	15	16	-8	-7	41	55	30	6	-7	-24	-49	-63	-76	-61	-25	-36	-40
-13	-15	-4	15	39	67	47	49	49	16	-38	-33	17	8	-33	-41	-2	-13	-62	-59
-28	9	-9	22	53	58	63	85	88	74	72	70	44	11	-16	-8	-22	-44	-56	-62
-75	-67	-44	-43	-46	-41	-13	27	19	-13	-50	-19	28	33	22	20	19	11	-3	7
18	0	-16	-25	-15	12	21	-3	-27	-21	-2	29	53	69	38	-4	16	42	13	-33
-55	-63	-78	-76	-50	-44	-60	-51	-24	7	28	34	63	95	77	38	22	40	56	32
13	41	74	48	16	32	81	100	57	17	13	51	52	16	18	56	76	37	9	0
-18	-40	-65	-81	-92	-113	-128	-109	-67	-43	-48	-60	-37	17	47	64	81	105	106	73
48	39	28	15	2	-10	-17	-17	-16	-17	-21	-25	-32	-44	-46	-47	-55	-56	-44	-24
0	11	0	28	85	107	109	108	108	103	83	63	59	53	34	12	-13	-42	-62	-57
-63	-88	-86	-34	8	-13	-38	1	46	43	22	27	34	18	-6	-3	-2	8	18	13
-13	-16	-14	-31	-68	-85	-74	-68	-85	-100	-88	-71	-68	-49	-18	-3	5	12	16	12
-4	-16	12	41	33	17	35	61	74	52	21	0	-10	-23	-35	-52	-75	-78	-58	-39
-18	-1	11	24	36	52	76	87	86	86	85	79	63	20	-18	-20	-21	-20	-20	-20
-13	11	9	-17	-11	4	19	27	37	45	49	47	56	81	86	68	53	36	16	-11
-26	-28	-37	-39	-39	-38	-39	-38	-33	-24	-22	-19	-15	-15	-16	-16	-23	-46	-60	-37
-14	2	17	54	72	62	33	20	33	16	0	-3	-3	-16	-40	-48	-31	-21	-18	-15
4	17	-4	-18	7	20	2	-30	-25	-38	-74	-89	-81	-72	-70	-69	-41	-28	-31	-14
18	25	28	30	34	42	47	35	5	-27	-41	-46	-45	-44	-43	-40	-36	-35	-34	-30
-13	12	42	60	57	47	52	71	80	81	80	73	60	47	40	55	61	55	35	2
6	30	37	16	-6	-6	13	3	-28	-39	-33	-38	-58	-70	-62	-46	-32	-20	-14	-15
-13	-9	-7	-6	1	9	9	9	8	7	5	5	5	1	-10	-1	11	15	22	18
12	9	10	9	10	10	11	11	12	13	17	16	-3	-26	-5	18	1	-34	-35	-28
-37	-57	-73	-76	-74	-70	-56	-40	-29	-22	-14	-7	1	8	14	17	28	38	22	4
22	34	29	30	30	32	17	-6	-18	-17	-16	-14	-6	-8	-25	-32	-23	7	18	14
6	5	5	2	-7	-15	-25	-39	-58	-50	-29	-28	-47	-43	-18	-12	-13	-10	-5	4
20	11	-4	-10	-10	-12	-29	-36	-14	-9	-14	-10	14	24	19	-12	-4	-8	-11	-15
-18	-27	-39	-41	-30	-16	-12	-21	-22	-16	-13	-14	-20	-6	9	10	0	-7	-4	8
20	28	34	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	33	33
34	39	43	42	31	19	14	12	10	7	3	-7	-12	-5	5	8	8	10	9	6
0	-6	-7	-7	-17	-32	-28	-10	2	10	17	24	42	57	58	58	57	57	54	47
41	39	41	39	34	28	28	31	27	20	6	-1	12	9	1	-20	-36	-32	-32	-39
-41	-33	-13	0	-1	-8	-12	-5	-3	-13	-12	-5	-8	-10	-7	-1	5	8	3	-2
-5	-5	2	6	10	10	-1	-8	-5	1	-6	-23	-29	-27	-24	-22	-26	-25	-13	-4
5	16	29	28	22	24	31	31	18	0	-1	13	8	-3	-4	6	4	-11	-19	-16
-12	-18	-28	-27	-19	-9	0	3	4	3	6	17	19	15	16	22	22	12	11	15
13	4	-1	-6	-14	-26	-32	-29	-26	-26	-34	-38	-40	-35	-25	-20	-18	-16	-15	-14
-11	-5	1	2	-2	-1	9	15	11	7	6	13	22	17	-25	24	18	-12	-12	-13
-14	-20	-28	-24	-22	-18	-15	-19	-21	-17	-6	-3	-2	-5	-5	-8	-9	-3	0	-11

-18	-15	-6	-15	-31	-24	-8	-5	-11	-14	7	12	5	10	30	38	36	32	40	50
46	36	30	24	19	6	2	-11	-23	-22	-19	-20	-25	-29	-25	-26	-32	-31	-29	-28
-24	-17	-8	-1	-5	-7	-1	6	3	-5	-8	-4	-7	-11	-20	-12	-2	-3	-5	-3
-3	-16	-28	-30	-29	-33	-39	-42	-36	-34	-27	-17	-13	-20	-27	15	25	27	28	35
43	44	45	41	33	29	27	27	26	17	2	-9	0	-4	-12	-31	-35	-34	-31	-25
-18	-17	-13	-5	8	16	21	23	25	20	17	11	0	-4	-12	-21	-28	-27	-17	-23
-35	-37	-33	-23	-17	-15	-3	3	0	5	23	22	7	5	4	7	19	22	10	-4
-6	-2	-4	-14	-24	-26	-20	-13	-5	-6	-14	-16	-8	0	3	11	20	23	23	26
25	30	37	38	37	37	35	25	14	12	16	10	1	-2	-2	-3	-8	-15	-17	-3
8	-3	-10	0	18	19	15	15	20	27	20	1	-13	-24	-21	-12	-13	-16	-14	-5
-2	7	18	23	24	28	23	22	28	25	20	19	12	11	19	26	32	34	32	30
28	19	17	26	34	26	13	6	16	21	18	11	-10	-20	-13	-8	-6	-3	0	2
5	3	4	8	10	10	11	7	-1	-3	2	1	-7	-14	-17	-16	-11	-6	-10	-12
-8	-8	-6	-3	0	8	12	11	14	17	19	16	-4	10	19	21	17	11	10	4
3	6	6	5	-5	-8	-4	-1	0	-2	-1	-4	-4	10	19	14	-1	-18	-16	-6
-12	-16	-17	-16	-25	-42	-47	-41	-35	-23	-18	-11	-14	-19	-15	-13	-7	-9	-6	-7
-12	-15	-21	-16	-6	-10	-29	-35	-26	-12	-4	-9	-16	-13	-9	0	7	10	11	10
8	8	2	-3	-4	-9	-12	-12	-14	-13	-8	-9	-15	-19	-10	-2	-15	-18	-10	-7
-16	-14	-15	-15	-23	-36	-36	-28	-33	-40	-30	-8	10	20	24	32	35	33	37	47
51	50	47	40	33	31	23	7	-3	-2	-7	-14	-17	-24	-17	-1	-3	-3	3	5
4	3	6	7	3	-3	-13	-22	-26	-27	-26	-28	-30	-26	-21	-16	-11	-6	0	8
15	17	17	24	30	31	32	34	38	42	45	45	45	41	32	27	25	24	19	17
20	25	20	10	3	3	1	0	-2	-6	-12	-20	-28	-33	-33	-37	-37	-32	-30	-30
-28	-25	-24	-20	-17	-13	-4	-2	-1	0	-2	-3	-1	0	0	-1	-1	-2	-4	-8
-7	-5	-5	-6	-6	-4	-3	-5	-6	-8	-10	-12	-11	-9	-11	-13	-10	-9	-9	-9
-12	-17	-19	-17	-15	-14	-14	-9	-4	-4	-9	-13	-15	-17	-19	-20	-22	-21	-20	-17
-15	-13	-14	-15	-13	-11	-10	-6	0	5	9	9	9	12	15	16	17	19	20	21
23	22	16	13	12	11	6	5	7	8	8	10	12	11	8	7	6	4	3	0
-3	-1	3	6	7	8	16	23	25	27	33	35	35	35	35	35	32	28	23	18
17	16	10	4	-1	-6	-10	-13	-13	-16	-20	-20	-22	-21	-17	-16	-16	-16	-17	-15
-16	-20	-22	-18	-15	-14	-11	-8	-6	-6	-2	3	2	2	4	5	10	14	17	21
24	22	20	23	26	23	21	19	19	20	18	17	17	16	14	14	16	12	8	6
3	0	2	5	8	10	9	8	8	11	10	5	3	2	1	2	1	-1	-2	-4
-3	-1	-2	-2	-1	1	3	4	4	4	2	0	-1	2	6	3	-4	-4	-3	-2
-2	-4	-3	-2	-7	-8	-8	-10	-11	-8	-6	-7	-6	-4	-6	-8	-7	-7	-7	-7
-7	-7	-5	-3	-3	-4	-4	-4	-3	-3	-5	-6	-6	-5	-5	-7	-9	-9	-3	7
3	-4	-4	1	-1	-2	3	3	1	5	8	3	0	-3	-5	-7	-9	-9	-9	-12
-15	-15	-17	-16	-13	-13	-11	-7	-5	-4	-2	-1	1	-1	0	0	3	4	4	7
9	8	9	13	22	29	27	22	16	15	13	12	8	5	0	-6	-12	-13	-12	-13
-9	-3	1	2	3	5	1	-1	2	4	1	0	-1	0	2	1	-1	-4	-7	-12
-14	-15	-20	-24	-25	-21	-17	-21	-24	-25	-24	-17	-13	-15	-13	-11	-10	-7	-8	-8
-3	0	2	4	3	2	6	10	12	11	10	8	9	9	8	10	10	10	10	11
13	14	13	14	16	15	12	11	11	9	6	3	-1	-4	-6	-6	-6	-10	-16	-21
-23	-22	-20	-18	-17	-18	-19	-18	-15	-16	-20	-21	-17	-11	-9	-8	-4	-2	0	4
6	5	3	5	8	11	12	9	8	7	5	4	1	-2	-9	-13	-14	-16	-16	-18
-21	-21	-20	-18	-13	-7	-1	4	3	2	6	10	9	10	11	10	9	12	14	13
11	12	13	13	13	10	8	8	6	4	4	0	-3	-1	-4	-5	-3	1	2	2
5	10	13	16	17	17	17	17	16	14	12	11	9	10	4	7	10	12	2	-1
1	0	-3	0	8	10	-2	-9	-11	-11	-7	-10	-14	-11	3	-13	-21	-21	-19	-18
-18	-20	-28	-33	-31	-29	-26	-22	-17	-14	-13	-7	-4	13	17	10	-21	-8	9	6

9	15	15	18	20	15	15	20	22	27	27	22	22	26	24	21	20	16	7	5
3	-4	-6	0	8	12	9	5	4	6	6	6	4	5	6	6	6	4	2	1
-5	-10	-7	0	2	20	1	-1	5	17	17	10	10	6	7	6	5	3	-4	-11
-12	-11	-8	0	9	11	8	7	6	8	22	14	11	14	24	23	17	19	25	26
16	10	11	9	1	0	2	-3	-4	-1	4	3	-1	-3	-1	-4	-7	-7	-10	-13
-13	-9	-5	-4	-12	-20	-29	-35	-36	-30	-20	-22	-29	-32	-29	-20	-8	-5	-10	-11
-4	-4	-9	-8	0	-2	2	13	14	13	18	22	28	12	6	10	13	4	-3	2
5	9	-1	-8	-2	11	10	11	10	18	27	20	2	-1	2	9	8	3	-5	-8
-6	-8	-13	-17	-16	-23	-13	-23	-15	-1	-4	-12	-20	-19	-23	-24	-9	3	-5	-18
-13	-10	-5	0	-6	6	-6	6	-5	-14	-13	-6	8	13	3	4	10	4	-1	9
7	2	6	15	13	10	7	-1	-6	7	8	1	-1	2	9	5	-2	1	3	3
-1	-5	-4	-4	-1	2	1	0	-6	-1	4	5	1	9	15	11	10	1	-6	-4
-4	-10	-14	-12	-10	-9	-1	1	-6	-13	-15	-13	-11	1	0	-16	-12	-6	-5	0
5	4	-2	-6	1	4	-2	-11	-17	-19	-18	-8	-4	-7	-6	-5	-10	-10	-10	-1
0	-1	3	4	4	2	-8	-10	-2	-1	-6	-13	-15	-1	6	-5	-17	-15	-13	-22
-24	-19	-11	-14	-22	-25	-23	-23	-26	-23	-22	-16	-14	-19	-23	-28	-31	-25	-25	-24
-17	-15	-15	-15	-15	-16	-14	-6	-7	-7	2	5	1	10	15	14	17	25	19	11
-22	-17	-15	20	-15	17	6	1	-3	0	12	11	12	19	13	6	1	7	5	-2
10	16	15	24	34	29	17	17	23	28	37	50	37	22	21	31	21	15	15	10
3	12	17	24	32	26	15	5	-2	-5	-4	-1	-2	-5	-7	-4	4	1	-7	-9
6	5	11	24	32	26	15	5	-2	-5	-4	-1	-2	-5	-7	-4	4	1	-7	-9
-2	2	6	2	-1	0	0	1	-1	2	6	2	-3	-11	1	15	16	12	9	9
10	10	12	11	14	18	18	21	25	18	13	15	20	18	10	7	9	7	10	7
5	10	8	10	14	17	16	13	10	16	13	13	15	19	21	24	23	18	15	16
17	14	15	23	26	21	16	8	0	-2	4	10	7	6	10	13	2	-2	-2	-3
-3	-1	3	0	-4	-7	-5	0	4	-1	-1	6	11	7	1	1	4	7	3	-5
-5	-4	-7	-9	-15	-19	-13	-5	-6	-7	-11	-13	-14	-13	-11	-14	-17	-8	-8	-12
-13	-11	-12	-13	-13	-12	-7	-11	-18	-21	-23	-25	-28	-28	-31	-33	-38	-29	-26	-36
-35	-24	-19	-24	-29	-26	-26	-25	-24	-22	-21	-21	-22	-26	-27	-23	-20	-21	-15	-8
-9	-11	-10	-8	-6	-8	-5	-4	0	0	12	14	8	6	11	9	7	7	3	5
7	2	0	-4	-8	-8	-2	-4	-11	-12	-12	-10	-9	-11	-11	-8	-6	-10	-14	-17
-16	-12	-16	-20	-16	-10	-6	-8	-13	-9	-7	-4	-4	-1	5	1	-7	-4	-2	-1
4	10	12	9	12	20	17	6	1	6	9	10	10	10	5	4	6	6	1	-7
-8	-3	-4	-6	-7	-14	-15	-12	-8	-5	-6	-8	-9	-13	15	-7	-14	-15	-5	-7
-6	-4	-3	6	-5	-3	-6	0	1	-4	1	4	-1	3	15	12	-6	-6	-4	0
3	3	6	4	-5	2	3	3	1	2	2	0	-1	-6	-9	-6	-1	-1	-2	-2
3	11	13	4	0	2	4	9	11	14	15	14	19	21	20	21	18	15	13	10
12	11	8	13	14	9	9	6	3	9	12	5	8	21	32	27	12	11	13	9
5	6	10	15	13	5	5	15	13	8	9	12	11	11	11	15	14	10	10	13
18	17	9	5	1	0	0	11	22	22	14	9	2	-6	-11	-13	-9	1	6	10
7	-3	-2	4	6	5	11	14	4	0	8	14	15	10	4	5	9	3	2	8
7	3	6	15	15	7	1	1	7	14	9	6	13	14	7	3	10	8	-2	-4
4	15	15	8	-1	0	7	9	7	10	7	4	-4	1	15	12	-4	-6	2	-4
-4	-6	8	11	0	2	11	2	-3	3	6	-5	-10	-3	7	17	13	3	4	-1
0	9	-1	-3	1	-2	-2	-1	1	5	0	-10	-18	-15	-8	-8	-18	-21	-22	-23
-15	-21	-15	-5	-8	-10	-10	-10	-14	-18	-15	-18	-22	-16	-7	-13	-13	-5	-4	-12
-11	-2	-15	0	-9	-12	-9	-6	-8	-17	-16	-6	-8	-11	-10	-12	-15	-13	-14	-18
-8	-9	-19	-17	-26	-24	-15	-19	-29	-26	-21	-22	-14	-18	-26	-22	-13	-13	-11	-9
-14	-9	-7	-21	-22	-18	-13	5	0	7	0	-3	-2	-3	-6	-2	0	-3	-12	-15
-14	-6	-8	-16	-18	-17	-13	-16	-18	-19	-22	-17	-13	-12	-9	-12	-14	-19	-12	-19
-14	-14	-11	-10	-16	-19	-12	-16	-16	-7	-6	-14	-14	-12	-7	-10	-19	-21	-21	8
-18	-14	-11	-10	-16	-19	-12	-16	-16	-7	-6	-14	-14	-12	-7	-10	-19	-21	-21	8

[illegible]

IIIN196 71.141.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 132 LONG BEACH STATE COLLEGE, GROUND LEVEL, LONG BEACH, CAL.
INSTR PERIOD = 0.0460 SEC DAMPING = 0.665 ACCELEROGARM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = 35.0 CM/SEC/SEC AT 6.30 SEC VELO = 9.5 CM/SEC AT 39.20 SEC DISP = -8.0 CM AT 38.00 SEC

2667 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.									
INITIAL VELO = -0.72688 CM/SEC					INITIAL DISP = 0.50970 CM				
12	14	16	18	20	22	24	26	28	30
52	70	60	23	-7	-31	-39	-31	-13	8
-61	-56	-30	18	56	32	64	32	-4	-13
-18	16	57	88	110	114	82	22	-35	-72
51	61	34	3	7	11	10	8	-6	-38
31	103	129	95	29	-6	21	102	185	253
133	71	2	-22	24	95	152	114	28	-67
-146	-188	-242	-266	-222	-143	-72	-23	-2	11
50	-40	-46	-20	-48	-78	-68	-40	-24	-63
-9	-9	28	56	45	32	68	143	223	269
98	-42	-148	-158	-135	-135	-108	-9	104	206
-162	-141	-113	-109	-117	-120	-128	-142	-132	-132
2	-6	-13	-19	-24	-4	36	78	123	195
-92	-102	-93	-87	-82	-75	-82	-119	-184	-259
-26	18	107	229	325	322	230	99	-39	-155
101	75	41	-18	-106	-186	-178	-113	-105	-104
2	-83	-180	-266	-313	-253	-147	-61	-31	-33
213	222	143	32	-56	-74	-27	14	24	34
-176	-140	-92	-79	-89	-114	-144	-163	-191	-241
71	91	116	137	161	207	250	286	305	300
-51	10	82	139	148	99	6	-70	-118	-158
114	156	156	134	71	-34	-139	-206	-244	-241
19	23	24	-7	-52	-63	-55	-42	14	97
291	302	265	207	149	80	11	-69	-84	-63
80	114	127	124	127	103	21	-92	-206	-288
91	188	227	214	166	104	56	43	23	63
-65	3	81	81	3	-63	-104	-102	-40	43
-52	-100	-119	-98	-40	43	121	178	202	201
185	212	188	142	98	52	17	2	1	7
52	37	15	-16	-45	-79	-116	-118	-75	-25
-32	-56	-71	-80	-93	-105	-102	-63	-35	-50
91	68	41	23	19	38	60	57	8	-57
-66	-59	-29	4	37	68	81	63	37	26
-115	-111	-105	-83	-233	-251	-244	-208	-150	-79
149	107	61	15	-24	4	45	77	105	127
-123	-93	-69	-62	-76	-56	-68	-60	-54	-52
-72	-68	-57	-41	-18	-93	-94	-86	-78	-71
203	176	142	121	113	108	107	105	107	107
-92	-44	-7	18	22	15	-2	-21	-23	-4
-29	-47	-23	13	-47	-51	-29	-7	-3	-5
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88
13	-11	-40	-40	6	19	28	57	67	67
-23	-11	-40	-40	6	19	28	57	67	67
-43	-33	-26	-63	-47	-58	-63	-77	-88	-88

24	7	-5	-15	-22	-26	-25	-21	-12	-9	-25	-37	-42	-44	-39	-36	-50	-66	-74
-76	-73	-68	-58	-38	-19	4	32	25	1	-19	-31	-27	-7	12	33	61	87	100
100	89	74	61	50	36	22	8	-22	-38	-48	-56	-59	-43	-19	6	40	74	89
92	84	54	6	-44	-79	-98	-99	-92	-83	-76	-70	-62	-65	-67	-66	-66	-64	-55
-33	-16	-14	-17	-26	-25	-7	54	92	129	153	161	155	143	130	127	121	111	104
102	104	106	108	96	-70	41	8	-52	-74	-83	-93	-101	-106	-106	-98	-97	-102	-105
-103	-101	-101	-103	-106	-90	-98	-116	-121	-104	-77	-48	-15	18	45	58	57	44	35
29	30	33	52	88	120	137	123	94	65	36	9	-8	-14	-12	-9	0	15	29
38	46	52	55	47	33	22	-26	-44	-53	-52	-53	-57	-66	-79	-89	-87	-84	-78
-62	-49	-39	-35	-40	-46	-44	-27	0	17	37	53	63	52	30	12	2	12	42
69	89	97	92	75	55	31	-38	-73	-105	-134	-150	-152	-146	-132	-116	-97	-81	-68
-54	-23	17	50	70	85	94	92	87	74	58	48	48	52	61	71	82	88	74
39	3	-29	-57	-76	-80	-78	-80	-84	-83	-80	-73	-65	-56	-43	-24	14	55	70
79	75	71	77	75	63	42	2	-7	-19	-26	-27	-23	-13	5	25	42	50	52
54	55	55	59	51	26	-6	-52	-63	-63	-51	-25	-3	23	46	63	74	76	63
42	12	-2	-21	-51	-71	-72	-69	-80	-86	-89	-84	-79	-80	-74	-63	-56	-57	-58
-61	-52	-32	-14	2	8	-7	-33	-61	-106	-120	-122	-111	-93	-77	-66	-48	-33	-30
-26	-22	-21	-24	-33	-35	-22	12	23	35	46	61	78	97	115	122	126	132	129
119	104	85	71	59	51	45	22	5	-18	-35	-41	-43	-43	-40	-39	-37	-35	-32
-27	-16	3	29	53	67	78	107	123	135	138	126	110	96	88	87	94	106	115
110	93	70	47	30	19	23	34	22	16	12	14	22	35	40	50	56	53	40
23	-3	-37	-78	-105	-129	-139	-141	-145	-142	-141	-140	-143	-145	-150	-160	-165	-170	-181
-196	-209	-212	-212	-204	-190	-179	-164	-113	-84	-53	-21	7	30	45	54	64	72	75
76	77	75	77	77	83	88	90	81	75	66	53	41	30	20	13	10	12	13
21	26	33	39	40	40	41	47	58	69	66	63	62	63	65	67	69	72	73
67	62	58	61	65	69	74	75	73	67	63	62	65	68	65	50	36	22	12
3	-2	-5	-7	-10	-6	4	15	26	36	34	32	33	34	33	27	16	7	-1
-4	-2	4	20	36	52	68	82	97	107	104	102	95	85	76	68	57	49	40
35	25	16	17	24	27	18	3	-10	-32	-40	-53	-60	-60	-55	-48	-42	-41	-43
-46	-46	-38	-24	-8	5	15	13	4	-16	-23	-21	-8	7	22	38	53	67	78
83	80	62	49	35	17	3	-17	-40	-56	-61	-69	-80	-97	-115	-131	-142	-147	-154
-158	-153	-145	-138	-134	-132	-132	-134	-141	-139	-134	-125	-114	-105	-94	-84	-88	-89	-87
-93	-100	-99	-97	-95	-92	-92	-91	-86	-73	-69	-71	-72	-70	-65	-55	-46	-40	-38
-33	-23	-10	1	7	-2	-15	-23	-27	-24	-19	-16	-15	-13	-10	-10	-9	-7	-12
-11	-6	-2	-2	-4	-3	-1	6	15	30	38	46	55	65	70	66	60	55	57
66	61	54	50	45	43	42	40	41	31	25	25	28	32	34	40	42	49	50
46	39	27	16	8	6	9	16	19	8	7	8	12	16	19	18	12	17	19
6	-11	-18	-26	-31	-33	-29	-14	9	26	23	14	2	1	2	5	7	12	14
8	1	2	4	8	16	29	45	67	72	68	63	57	61	70	75	79	82	83
88	98	110	121	129	133	135	135	133	112	100	90	76	59	47	35	29	20	13
10	7	1	-12	-34	-56	-68	-77	-83	-71	-64	-64	-66	-70	-82	-94	-97	-92	-83
-70	-65	-51	-26	-3	15	19	20	15	1	5	14	20	26	30	32	25	15	7
-6	-23	-32	-42	-49	-49	-41	-28	-30	-42	-49	-55	-51	-42	-31	-12	1	11	22
20	14	13	22	37	54	72	82	77	58	52	48	51	52	54	55	56	49	40
32	32	38	52	68	83	86	75	60	24	24	26	33	33	34	39	38	39	39
39	37	35	25	7	-3	-8	-10	-11	-26	-18	-11	-1	5	2	-2	2	2	6
13	21	30	38	46	51	50	48	45	29	20	9	1	-1	-4	-9	-5	0	-2
1	2	6	10	10	12	14	18	25	29	27	34	34	33	24	13	14	10	-1
-5	-9	-16	-31	-52	-70	-82	-99	-116	-142	-145	-147	-146	-143	-142	-142	-144	-148	-152
-159	-168	-177	-190	-200	-209	-209	-206	-199	-170	-154	-144	-141	-137	-132	-123	-112	-101	-94

IIIN196 71.141.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 132 LONG BEACH STATE COLLEGE, GROUND LEVEL, LONG BEACH, CAL. COMP S14W 33 46 35N, 118 06 45W
 INSTR PERIOD = 0.0470 SEC DAMPING = 0.564 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -31.2 CM/SEC/SEC AT 2.38 SEC VELO = -9.3 CM/SEC AT 35.84 SEC DISP = 6.7 CM AT 35.10 SEC

INITIAL VELO = -0.75790 CM/SEC INITIAL DISP = -0.18617 CM
 2667 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

48	20	11	13	26	39	43	36	27	19	9	2	2	3	-2	-7	-9	-11	-12	-9
17	50	51	36	26	17	2	-25	-32	-34	-40	-18	31	65	52	3	-29	-45	-21	6
19	13	7	16	16	9	6	8	6	-4	-12	-12	-4	1	2	-14	-35	-35	-11	1
8	6	-10	-22	-14	8	34	60	75	85	94	90	58	22	9	5	6	18	51	90
131	180	199	186	168	129	52	-26	-77	-115	-147	-176	-206	-231	-238	-223	-182	-123	-54	23
112	179	216	210	162	105	57	41	34	21	12	23	48	54	13	-59	-137	-215	-277	-312
-294	-204	-74	44	109	133	113	52	-16	-90	-164	-209	-178	-103	-30	38	97	139	157	156
135	95	43	-19	-83	-129	-139	-124	-131	-104	-35	28	76	95	96	91	88	82	96	146
185	182	125	60	-7	-56	-83	-100	-103	-55	13	78	94	15	-121	-242	-296	-283	-238	-167
-69	31	108	146	152	134	86	36	40	108	177	197	161	97	17	-71	-125	-129	-77	-33
-53	-124	-162	-175	-158	-138	-119	-105	-58	5	72	148	207	253	262	209	142	97	56	-3
-67	-129	-207	-278	-302	-290	-282	-280	-283	-250	-176	-77	31	110	160	198	229	255	248	193
116	31	-30	-40	-4	40	70	55	-2	-54	-78	-77	-50	-4	38	76	80	44	-20	-69
-92	-89	-72	-45	-29	-45	-73	-95	-58	22	63	40	-23	-79	-128	-148	-128	-81	-41	-10
43	113	167	221	250	230	174	109	43	22	81	154	204	208	190	161	104	22	-53	-100
-127	-154	-174	-154	-78	-9	47	89	123	126	98	79	69	41	3	-27	-40	-47	-89	-165
-215	-212	-151	-68	32	140	236	289	246	141	34	-47	-99	-142	-169	-166	-115	-42	51	134
194	238	269	292	300	298	296	261	169	42	-65	-106	-91	-85	-82	-74	-36	32	87	73
7	-42	-90	-132	-156	-149	-136	-168	-218	-229	-172	-123	-129	-161	-153	-90	14	112	165	181
170	170	183	195	195	184	143	76	-7	-56	-34	13	27	14	-11	-41	-75	-115	-145	-161
-142	-82	-10	66	102	54	-16	-67	-74	-77	-68	-57	-54	-79	-108	-115	-97	-89	-110	-150
-155	-92	-2	66	101	109	93	84	86	113	144	162	134	95	84	90	93	75	27	-35
-107	-200	-280	-310	-300	-285	-246	-184	-124	-64	-43	-30	27	93	140	140	125	126	127	127
121	101	84	83	78	67	36	-16	-87	-157	-206	-204	-164	-130	-106	-88	-83	-88	-54	14
79	112	61	-27	-87	-122	-131	-136	-138	-142	-143	-128	-93	-56	-16	23	35	14	-18	-46
-44	-33	-30	-26	-28	-41	-58	-63	-39	-12	8	27	44	59	67	63	12	-55	-107	-142
-125	-80	-41	-10	-13	-27	-25	0	22	38	48	52	57	73	72	58	25	-9	-25	-31
-31	-13	32	82	96	85	67	52	45	45	45	51	71	97	109	108	96	76	57	43
40	46	57	73	96	122	127	101	49	-8	-72	-114	-123	-118	-110	-84	-18	66	123	114
65	15	-6	-10	0	15	18	12	34	80	95	88	79	76	79	82	55	10	-33	-74
-100	-92	-39	33	87	106	89	75	74	108	135	144	139	142	163	189	196	194	178	135
90	47	-18	-83	-151	-201	-222	-218	-204	-200	-199	-181	-149	-117	-96	-81	-57	-24	16	59
100	157	211	255	284	283	263	219	169	118	60	1	-25	-14	25	75	113	126	124	117
99	70	43	13	-4	-3	-4	-7	-9	-23	-40	-50	-62	-68	-71	-85	-99	-109	-115	-108
-85	-59	-36	-12	-4	-17	-44	-77	-106	-121	-117	-110	-104	-94	-72	-40	-12	6	8	-6
-24	-38	-47	-49	-36	-19	-23	-38	-45	-34	-5	8	2	-26	-52	-59	-51	-35	-17	5
30	52	38	5	5	-23	-35	-32	-12	12	39	65	78	84	84	83	79	68	54	32
-7	-39	-56	-59	-49	-49	-69	-103	-134	-159	-169	-175	-180	-168	-130	-88	-71	-93	-135	-159
-179	-190	-191	-181	-163	-145	-138	-136	-134	-121	-92	-56	-21	9	18	18	11	2	-3	-7
-9	-4	2	5	11	25	46	75	107	133	137	119	74	23	-30	-68	-87	-83	-63	-28

-149	8	38	56	73	83	92	98	105	115	121	124	109	61	5	-48	-93	-121	-135	-146	-152
60	-130	-106	-81	-55	-55	-29	-13	-14	-17	-16	-12	-1	27	53	81	102	115	117	102	77
69	54	61	74	85	85	89	72	34	-4	-23	-24	-11	-6	-18	-41	-62	-74	-50	-6	33
18	12	-2	-14	-19	-19	-21	-42	-70	-76	-71	-47	-4	37	58	67	66	60	41	28	22
73	84	75	64	74	74	90	104	-17	-10	11	49	80	113	131	120	97	74	62	59	63
60	43	33	31	35	35	42	43	36	29	32	38	44	106	106	104	99	101	104	98	81
-7	-16	-18	-18	-31	-31	-60	-75	-87	-105	-110	-116	-119	-114	-102	-76	46	41	32	20	6
92	93	88	81	75	75	67	57	47	44	57	77	99	110	97	82	-36	14	54	76	88
-17	-32	-38	-36	-24	-24	-6	-5	-12	-25	-47	-73	-95	-113	-134	-160	-179	-178	-161	34	9
-92	-69	-49	-38	-36	-36	-30	-15	6	28	45	57	67	61	46	31	4	-30	-51	-70	-84
-88	-83	-84	-90	-100	-100	-105	-106	-99	-89	-81	-76	-69	-62	-53	-43	-38	-32	-27	-27	-27
-30	-47	-74	-89	-97	-97	-94	-77	-52	-38	-29	-31	-47	-66	-77	-86	-91	-81	-60	-30	-17
-18	-26	-34	-39	-28	-28	-6	6	9	17	28	48	78	102	111	102	77	53	37	18	18
19	19	21	19	12	12	-8	-12	-17	-17	-17	-13	-7	-4	-4	-7	-24	-45	-66	-86	-85
-69	-57	-40	-22	-7	-7	-1	9	18	20	17	23	31	35	40	46	49	46	42	37	32
27	17	8	6	6	6	2	0	-9	-14	-20	-29	-31	-48	-63	-72	-85	-104	-112	-109	-105
-104	-107	-118	-126	-139	-139	-153	-162	-158	-140	-117	-97	-73	-50	-32	-14	1	12	23	39	57
77	94	104	107	113	113	120	124	123	121	110	94	83	82	86	85	81	81	79	77	75
72	65	48	20	-7	-7	-31	-51	-54	-43	-29	-9	12	25	33	32	27	15	-12	-36	-56
-59	-48	-30	-3	30	30	61	86	101	99	95	94	86	85	115	136	147	156	162	161	152
135	124	124	115	104	104	93	75	66	72	79	82	84	85	74	60	48	32	15	-1	-13
-10	2	5	-3	-14	-14	-21	-23	-22	-14	0	14	24	45	68	76	81	75	63	57	59
61	60	51	40	36	36	39	42	47	45	41	44	52	64	74	86	93	92	84	72	56
34	8	-18	-40	-61	-61	-7	-104	-120	-128	-132	-123	-111	-91	-59	-33	-2	19	28	37	45
45	39	32	19	11	11	8	0	-10	-18	-23	-19	-19	-27	-35	-49	-69	-91	-117	-150	-172
-190	-201	-210	-218	-222	-222	-223	-214	-203	-197	-187	-176	-163	-145	-118	-95	-78	-64	-57	-55	-52
-54	-50	-40	-31	-29	-29	-28	-26	-21	-21	-11	-3	-9	-13	-14	-22	-33	-33	-39	-46	-56
-65	-73	-78	-86	-98	-98	-100	-106	-120	-129	-122	-119	-124	-132	-129	-130	-120	-107	-101	-87	-67
-49	-32	-21	-8	12	12	22	31	48	65	83	101	110	121	138	145	152	158	158	158	161
163	159	152	143	132	132	124	119	113	110	105	101	98	90	81	74	61	47	42	43	39
41	44	56	71	82	82	92	93	94	91	77	60	43	33	20	6	-2	-3	-2	1	7
9	10	15	11	-3	-3	-3	11	29	44	57	74	86	93	100	98	92	75	54	40	27
22	21	21	22	18	18	17	21	28	32	29	21	8	-3	-5	-8	-17	-27	-37	-50	-55
-54	-51	-49	-40	-31	-31	-20	-7	0	1	6	11	10	9	8	5	2	-3	-11	-14	-16
-14	-8	-6	-3	-1	-1	-3	-5	-9	-20	-33	-42	-61	-76	-89	-102	-112	-117	-118	-116	-111
-112	-117	-118	-118	-114	-114	-107	-101	-95	-89	-93	-100	-100	-101	-104	-103	-94	-82	-73	-72	-73
-79	-88	-94	-100	-100	-100	-14	-100	-98	-96	-102	-95	-84	-63	-42	-33	-18	-1	9	24	44
54	53	58	52	33	33	14	4	-4	-11	-17	-22	-25	-30	-30	-25	-16	-1	12	18	28
30	28	27	33	41	41	50	54	56	57	59	55	55	52	54	58	63	63	66	66	66
66	66	69	73	68	68	52	24	9	11	10	10	-2	-21	-37	-59	-64	-64	-70	-78	-76
-61	-40	-26	-14	9	9	33	52	65	73	83	96	108	98	89	84	87	118	133	135	141
158	164	163	163	163	163	163	169	171	165	162	159	159	162	164	164	167	166	157	144	132
123	111	100	87	72	72	58	44	41	45	54	66	66	65	61	56	45	27	3	-6	6
6	16	48	64	73	73	72	52	37	21	9	-1	-13	-20	-20	-15	-14	-18	-32	-44	-58
-55	-46	-48	-51	-56	-56	-79	-106	-106	-105	-94	-83	-89	-82	-60	-49	-34	-28	-30	-34	-39
-51	-72	-88	-85	-78	-78	-70	-63	-79	-92	-93	-92	-92	-91	-83	-63	-46	-17	-10	-29	-50
-58	-60	-55	-62	-82	-82	-108	-114	-119	-105	-89	-80	-100	-114	-123	-130	-144	-155	-160	-172	-181
-191	-196	-190	-185	-181	-181	-174	-164	-155	-146	-142	-139	-131	-127	-118	-112	-115	-123	-140	-149	-133
-117	-107	-98	-94	-90	-90	-84	-80	-71	-65	-61	-52	-29	-9	9	29	48	56	59	60	63

64	70	83	104	123	128	118	106	89	72	61	58	59	64	65	67	72	54	26	23
29	48	73	112	133	130	114	96	67	43	48	48	48	49	53	58	63	69	73	75
73	68	61	54	49	38	21	13	19	28	41	53	62	61	50	47	54	61	72	78
82	78	65	75	106	113	98	77	55	40	37	48	59	72	70	52	53	53	51	43
41	44	48	46	45	49	51	39	28	23	21	21	21	18	12	8	2	5	10	22
-37	-27	-21	-28	-41	-43	-30	-23	-15	-3	-1	-4	0	7	13	14	15	14	12	10
11	15	12	-3	-22	-41	-55	-70	-79	-73	-65	-59	-61	-68	-76	-72	-54	-30	-19	-11
-2	6	-2	-4	-1	15	26	43	57	42	-20	4	-40	-9	-19	-20	-16	-12	-10	-8
-7	-8	-11	-20	-30	-36	-39	-48	-56	-55	-47	-42	-40	-38	-40	-40	-37	-30	-20	-16
-17	-12	4	13	22	34	38	50	62	59	50	35	17	-1	-18	-28	-25	-23	-28	-25
-8	13	23	21	20	15	11	13	21	33	48	58	72	86	83	70	60	51	42	36
31	24	18	20	25	24	13	7	12	11	-3	-18	-23	-25	-23	-15	-13	-22	-27	-26
-24	-21	-19	-18	-19	-21	-23	-29	-32	-30	-32	-30	-17	0	14	20	24	29	33	38
46	55	58	52	41	29	17	4	-6	-17	-28	-37	-42	-48	-53	-54	-52	-52	-57	-61
-63	-65	-70	-76	-80	-82	-83	-86	-91	-88	-77	-65	-53	-50	-50	-47	-46	-47	-46	-43
-48	-54	-47	-46	-54	-55	-51	-47	-52	-58	-59	-69	-76	-65	-50	-45	-48	-48	-43	-42
-32	-29	-51	-41	-29	-30	-29	-27	-23	-17	-12	-17	-20	-7	2	10	14	16	21	27
32	37	41	44	43	43	37	33	30	28	37	48	60	71	83	95	98	97	97	95
96	97	97	95	94	96	93	92	91	88	86	83	83	82	75	66	60	52	44	40
39	41	40	40	45	44	42	40	38	35	32	26	18	14	17	19	25	28	29	29
33	39	41	34	32	34	34	31	36	42	41	39	38	38	38	35	34	29	23	22
22	20	15	12	9	7	5	-4	-12	-15	-17	-19	-19	-21	-24	-23	-16	-12	-14	-16
-16	-14	-11	-10	-13	-15	-11	-7	-9	-11	-17	-24	-30	-36	-44	-52	-57	-59	-63	-69
-71	-68	-69	-69	-73	-76	-76	-77	-82	-86	-91	-94	-95	-97	-98	-98	-98	-98	-98	-98
-98	-98	-96	-92	-86	-81	-72	-61	-56	-53	-50	-47	-45	-47	-47	-46	-48	-46	-41	-35
-31	-30	-27	-26	-28	-28	-29	-28	-23	-18	-16	-14	-13	-13	-13	-13	-13	-14	-16	-15
-14	-15	-12	-6	3	12	19	24	22	24	28	24	21	18	12	7	6	9	12	13
17	20	23	24	22	21	22	21	24	25	26	30	33	35	39	39	40	46	47	49
54	54	51	50	47	43	42	42	42	40	38	38	39	38	33	40	47	49	47	46
45	46	51	51	50	49	54	58	56	58	63	68	70	69	73	71	66	64	66	77
79	65	59	64	73	84	79	70	76	75	74	74	74	69	60	51	47	44	40	35
32	31	26	20	16	15	10	0	-11	-17	-19	-19	-18	-16	-19	-23	-27	-28	-25	-22
-31	-38	-37	-30	-28	-25	-19	-16	-19	-19	-16	-13	-15	-15	-14	-14	-17	-25	-34	-38
-40	-46	-49	-50	-47	-45	-43	-37	-31	-27	-21	-16	-13	-13	-13	-13	-15	-13	-7	0
4	-3	-5	-4	-5	-8	-13	-20	-26	-31	-36	-40	-44	-50	-57	-65	-69	-67	-64	-63
-63	-64	-64	-63	-63	-64	-60	-59	-60	-56	-51	-51	-51	-51	-51	-48	-47	-47	-46	-46
-44	-40	-36	-37	-32	-27	-26	-22	-20	-20	-20	-21	-23	-21	-17	-13	-15	-18	-15	-12
-18	-25	-21	-23	-21	-20	-16	-14	-14	-11	-7	-8	-6	-3	0	4	6	6	7	10
12	17	26	33	37	41	42	42	49	51	50	51	52	54	47	41	37	31	28	25
25	29	33	33	32	30	27	26	24	21	18	17	17	18	20	24	26	26	23	21
19	19	22	25	27	29	31	30	27	24	17	13	16	17	15	15	17	17	18	22
24	25	31	35	37	37	33	33	35	25	16	11	11	14	10	3	2	4	8	10
10	12	11	7	5	5	4	3	0	-5	-9	-15	-17	-15	-13	-12	-18	-26	-27	-26
-28	-29	-29	-29	-28	-29	-31	-3	0	-5	-9	-15	-17	-15	-13	-12	-18	-26	-27	-26

IIN196 71-141.0
STATION NO. 132
INSTR PERIOD = 0.0460 SEC
DAMPING = 0.650
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
LONG BEACH STATE COLLEGE, GROUND BEACH, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 33 46 35N, 118 06 45W

PEAK VALS ACCLN = 25.8 CM/SEC/SEC AT 9.04 SEC VELO = 4.9 CM/SEC AT 23.26 SEC DISP = 3.8 CM AT 24.30 SEC

2669 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.20319 CM/SEC INITIAL DISP = -0.21871 CM

-30	23	-14	-32	22	6	-34	-49	-40	-13	49	130	132	88	75	63	44	29	-1	-26
-15	-32	-85	-95	-37	39	77	71	59	-16	-100	-143	-167	-141	-71	0	47	18	-3	2
-14	-11	36	79	116	100	58	7	-33	-54	-45	-2	9	1	-13	-35	-43	-27	36	95
102	46	16	-4	-25	-28	26	51	1	-8	30	13	-40	-95	-108	-67	-24	44	107	128
101	61	23	-27	-70	-90	-88	-82	-39	15	24	17	13	39	17	20	-2	-74	-38	59
133	137	124	89	28	-15	-38	-34	-24	-15	-58	-69	-94	-124	-74	-37	-60	-84	-36	-5
26	76	101	85	122	66	-18	-63	-80	-78	-31	8	29	43	88	86	43	-8	-57	-105
-143	-110	-49	5	54	135	195	179	86	-18	-120	-167	-121	-29	49	81	101	63	7	-20
-64	-59	-6	-15	-71	-102	-76	3	63	85	74	20	-60	-104	-60	47	121	151	104	-10
-104	-138	-100	-40	-3	-1	-9	-20	-42	-73	-102	-115	-86	-21	74	162	200	192	117	15
-62	-143	-194	-157	-91	-54	-26	-5	10	10	-21	-24	9	22	31	36	14	-55	-86	-62
-47	-58	-84	-145	-128	-70	-16	46	83	110	140	177	154	91	76	77	51	5	-17	-16
-48	-109	-109	-109	-71	-32	9	56	89	85	94	96	66	92	114	78	-12	-92	-118	-64
-65	-109	-91	-74	-75	-5	38	26	42	49	5	-49	-65	-61	-61	-82	-85	-16	76	135
161	168	129	78	49	82	114	54	13	-22	-106	-151	-126	-67	-27	-24	-30	-74	-120	-111
-59	-22	59	148	197	172	125	89	68	42	-24	-81	-109	-95	-114	-101	-24	53	109	123
69	13	6	52	81	33	-14	-30	-51	-8	58	130	156	97	40	-43	-125	-136	-82	-59
-64	-56	-23	-9	13	62	58	11	30	63	54	52	51	30	0	-21	-48	60	52	39
45	96	105	42	-9	-58	-96	-134	-114	-26	56	95	79	65	83	86	60	52	39	21
-1	-29	-63	-76	-67	-19	4	-42	-69	-75	-64	-44	-18	3	40	48	39	30	11	-13
-23	-2	15	25	47	60	-3	-45	4	49	80	97	82	56	17	-32	-82	-126	-155	-147
-71	27	129	170	200	188	117	42	-25	-41	-57	-75	-79	-88	-109	-147	-184	-173	-104	-19
53	81	73	45	0	-43	-37	11	53	96	165	223	258	216	109	-10	-84	-123	-101	-43
-6	-18	-60	-96	-147	-197	-172	-100	-66	-88	-124	-140	-143	-77	38	148	180	151	102	43
-18	-48	-36	-27	-26	-56	-95	-92	-42	-6	-5	-4	-2	-25	-45	-53	-42	16	59	67
99	126	117	89	53	10	-33	-34	5	15	-37	-107	-151	-147	-96	-15	52	73	73	62
21	-16	-48	-81	-98	-70	-37	-13	11	41	75	80	57	-4	-70	-114	-174	-157	-86	-36
5	7	12	-13	-72	-68	-17	40	90	127	141	106	67	16	-14	-20	1	23	19	-33
-82	-96	-90	-88	-73	-39	-17	-9	-12	-18	-13	26	75	120	109	67	34	10	12	22
42	76	113	106	29	-40	-90	-103	-65	-19	20	38	52	97	110	75	25	-46	-102	-122
-82	-9	28	45	40	34	39	59	64	74	79	87	75	37	-11	-52	-59	-21	12	37
35	5	-32	-77	-103	-95	-71	-54	-33	-9	-11	-27	-9	18	34	56	112	155	129	104
68	33	6	-10	-11	-1	7	16	7	-21	-56	-101	-140	-136	-73	-17	33	40	43	44
33	30	63	86	100	111	91	56	23	-2	-11	-15	-34	-56	-51	-33	-22	-17	-12	-11
-39	-70	-80	-50	-27	-15	11	46	52	41	27	8	-20	-40	-31	-3	18	41	50	49
43	43	41	39	35	33	27	10	16	39	40	30	19	-3	-61	-109	-125	-101	-67	-24
10	33	34	16	1	11	32	41	42	36	-2	-58	-84	-69	-21	34	77	91	58	8
-40	-74	-82	-59	-15	11	11	2	-18	-39	-56	-56	-41	-25	-10	3	7	3	0	-3
1	-7	-27	-39	-30	-25	-19	-7	2	0	2	12	18	0	-18	-7	14	33	34	7
-22	-59	-81	-65	-47	-27	-5	17	27	27	29	31	24	2	-15	-12	-6	-6	-6	-6

-4	-2	-4	9	28	41	32	13	-9	-25	-32	-26	-30	-49	-62	-83	-105	-112	-99	-55
-8	30	43	39	36	48	47	14	-25	-49	-66	-54	-17	26	69	103	111	86	51	16
-6	-5	-1	-8	-13	-18	-33	-46	-37	-15	3	17	18	-11	-27	-22	-6	13	40	81
112	110	87	54	15	-23	-41	-28	7	31	59	78	71	35	5	-24	-18	16	49	75
77	74	66	50	31	12	0	-12	-35	-48	-56	-56	-39	-5	33	58	59	48	46	43
39	49	45	33	25	8	10	25	24	22	18	8	-1	2	9	10	4	5	14	23
35	41	32	17	-2	-7	-5	-19	-19	-26	-32	-44	-61	-64	-43	-30	-19	-10	-6	-7
-8	-14	-20	-20	-12	-13	-27	-41	-54	-47	-31	-22	-15	-7	9	23	26	26	21	8
9	24	35	43	53	48	22	-5	-31	-55	-78	-99	-103	-85	-74	-60	-33	-4	9	-2
-32	-61	-78	-72	-47	-12	18	31	17	-18	-51	-75	-95	-99	-103	-105	-90	-60	-29	-1
13	9	8	1	-17	-27	-16	-14	-25	-35	-24	-7	-4	-29	-58	-77	-98	-129	-147	-134
-94	-50	-19	-3	-14	-26	-13	18	29	21	15	13	10	10	2	-7	6	17	12	11
11	12	11	5	-7	-19	-38	-29	-5	14	34	37	38	44	47	48	57	64	66	70
77	75	47	17	-12	-44	-61	-56	-29	3	30	51	58	45	25	18	12	9	14	15
17	18	13	-2	-16	-12	9	25	31	28	29	21	19	31	45	60	67	68	64	50
40	41	53	61	69	78	79	79	78	77	80	79	76	78	84	90	92	90	88	81
67	53	44	41	43	45	54	61	59	51	43	35	30	30	33	35	40	42	44	45
40	31	23	23	28	27	18	7	0	1	12	23	37	40	36	23	16	14	10	11
9	5	5	1	-2	-9	-17	-21	-18	-13	-8	-10	-13	-26	-47	-63	-71	-67	-60	-52
-38	-24	-7	3	0	-17	-31	-36	-31	-20	-7	-3	-6	-12	-17	-27	-32	-36	-43	-52
-61	-65	-72	-81	-85	-92	-100	-101	-99	-104	-119	-128	-125	-118	-106	-92	-77	-62	-49	-45
-53	-62	-74	-82	-76	-68	-60	-44	-37	-43	-55	-65	-73	-75	-71	-66	-57	-46	-34	-23
-18	-22	-35	-50	-63	-69	-71	-59	-47	-33	-25	-25	-31	-36	-36	-36	-27	-14	-1	2
-1	1	7	0	-17	-22	-25	-24	-18	-8	1	9	14	19	28	35	34	28	22	16
14	17	26	34	35	34	32	26	20	21	25	31	38	43	44	45	50	57	64	71
78	81	72	56	43	35	29	26	31	36	36	31	23	31	44	50	63	77	85	86
84	83	80	76	70	60	48	44	46	52	60	67	65	61	54	41	24	9	10	22
30	26	18	13	8	6	9	19	30	32	28	20	11	6	6	8	11	13	9	1
-14	-22	-23	-23	-20	-17	-13	-10	-7	-3	-4	-11	-14	-6	1	1	-1	-3	-11	-21
-40	-56	-60	-60	-58	-47	-36	-26	-21	-18	-16	-20	-29	-35	-25	-16	-14	-2	14	16
12	10	12	13	15	16	13	10	6	1	-10	-22	-23	-22	-20	-16	-11	-5	1	7
6	-1	-4	-7	-6	0	4	12	12	9	5	0	-4	0	4	1	-2	2	4	2
-6	-12	-9	0	7	12	13	15	18	20	18	13	10	10	11	6	2	-1	-6	-6
-42	-32	-14	-15	-10	0	7	15	25	29	31	33	28	18	8	0	-7	-20	-32	-39
-21	-23	-27	-32	-33	-38	-40	-37	-36	-27	-16	-18	-25	-34	-48	-53	-51	-41	-29	-21
-43	-44	-49	-56	-56	-56	-57	-55	-50	-48	-47	-49	-42	-34	-36	-47	-54	-53	-43	-40
-16	-29	-36	-39	-38	-36	-34	-33	-30	-24	-25	-28	-23	-18	-15	-7	-4	-9	-7	-9
39	49	46	41	36	31	35	42	55	58	57	63	68	65	60	63	69	78	88	94
93	93	90	82	77	76	81	87	90	86	77	68	63	61	62	57	58	63	62	61
62	60	61	67	76	76	66	52	42	30	39	53	54	41	22	5	-7	3	18	32
46	53	52	45	32	29	41	49	48	42	36	26	28	36	33	18	-4	-8	-14	-19
-15	-5	6	15	20	12	-8	-22	-18	-10	2	16	15	9	4	0	-5	-11	-17	-23
-31	-38	-42	-45	-47	-46	-37	-28	-28	-31	-44	-60	-67	-70	-58	-46	-31	-22	-23	-33
-52	-66	-70	-67	-63	-61	-59	-53	-51	-51	-50	-51	-59	-64	-55	-40	-30	-27	-31	-40
-40	-43	-48	-48	-50	-55	-58	-60	-68	-77	-71	-64	-62	-64	-68	-70	-71	-73	-70	-63
-53	-53	-51	-47	-53	-64	-61	-55	-55	-53	-48	-44	-43	-42	-41	-39	-37	-35	-31	-26
-19	-17	-21	-31	-46	-53	-34	-23	-24	-22	-20	-19	-19	-16	-11	-5	-5	-10	-11	-13
-8	-1	7	17	22	16	15	12	3	1	5	6	7	9	15	28	31	33	32	19
9	6	11	20	28	35	42	46	37	29	36	49	63	72	72	69	63	50	36	34

49	76	87	74	57	53	56	55	55	55	61	64	67	70	71	75	79	84	88	89
86	81	72	60	54	55	56	55	53	50	50	49	45	45	47	46	45	48	53	57
56	54	47	40	41	52	59	57	39	28	22	13	3	9	16	16	16	11	11	4
0	-4	-21	-24	-14	-11	-3	-2	-2	-2	-2	-1	-6	-11	-10	-10	-11	-15	-21	-24
-19	-21	-27	-31	-28	-20	-10	-7	-11	-18	-24	-29	-34	-33	-32	-30	-30	-35	-38	-37
-36	-32	-27	-24	-24	-24	-24	-31	-40	-41	-41	-39	-38	-38	-38	-42	-47	-48	-47	-47
-47	-49	-55	-59	-56	-47	-37	-28	-21	-25	-34	-45	-51	-54	-44	-34	-38	-39	-39	-38
-33	-20	-15	-10	-5	-4	-4	-3	-2	1	6	9	10	12	17	21	22	23	22	22
21	21	20	20	19	19	18	18	17	16	16	14	7	2	5	13	18	28	31	30
31	32	35	36	34	31	26	21	17	13	10	8	6	2	-2	-4	-7	-9	-8	-6
-6	-6	-8	-8	0	8	3	2	7	4	3	-3	-10	-13	-10	-11	-15	-21	-26	-25
-28	-34	-34	-34	-32	-30	-23	-15	-15	-20	-26	-23	-20	-17	-16	-15	-11	-5	-2	-5
-8	-11	-14	-17	-19	-17	-14	-14	-19	-22	-20	-16	-13	-10	-4	-15	7	3	-2	-7
-13	-16	-16	-17	-15	-11	-11	-15	-21	-30	-35	-37	-35	-34	-31	-24	-18	-11	-5	-3
-4	-5	-5	0	4	1	-2	-4	-6	0	0	0	1	2	4	5	5	6	9	19
23	18	17	17	19	22	25	25	23	23	21	18	24	34	38	43	43	38	29	24
33	33	33	39	40	45	54	46	30	21	24	25	26	29	29	33	38	40	39	36
33	36	37	36	33	32	27	28	30	33	36	39	39	35	30	27	28	28	29	28
28	27	24	24	20	12	5	1	4	7	12	15	16	16	15	13	10	7	4	1
-2	-6	-9	-12	-15	-17	-17	-19	-23	-27	-30	-32	-36	-39	-40	-36	-36	-39	-39	-42
-49	-53	-51	-50	-48	-48	-50	-48	-50	-55	-59	-58	-57	-61	-64	-67	-68	-65	-60	-54
-52	-49	-49	-49	-51	-52	-46	-39	-36	-35	-32	-30	-28	-26	-23	-23	-23	-23	-23	-19
-14	-10	-8	-8	-6	-5	-7	-9	-8	-5	-5	-4	-4	0	6	11	14	14	18	19
17	19	22	25	26	26	26	26	25	25	26	28	31	34	33	33	35	34	33	31
30	32	29	29	34	39	44	45	47	46	46	48	46	44	44	44	43	40	36	35
33	32	33	33	28	29	30	32	35	37	36	36	36	36	37	41	44	45	42	42
41	39	36	34	34	35	31	30	29	21	15	11	5	6	6	1	-3	-3	-5	-8
-9	-9	-8	-9	-12	-12	-11	-6	-4	-5	-5	-7	-7	-8	-9	-9	-12	-13	-13	-15
-17	-21	-24	-22	-21	-20	-22	-22	-25	-26	-26	-26	-24	-22	-21	-19	-19	-19	-22	-29
-31	-33	-39	-41	-46	-47	-45	-46	-47	-46	-43	-43	-43	-42	-44	-43	-42	-48	-49	-48
-48	-47	-46	-47	-47	-43	-41	-37	-30	-26	-21	-20	-16	-17	-15	-16	-14	-10	-4	-3
-7	-9	-9	-10	-11	-7	-3	0	5	6	8	10	13	12	13	15	17	20	17	14
11	8	7	10	10	10	8	5	3	3	3	3	3	3	4	6	7	6	3	3
-13	-16	-15	-17	-21	-23	-25	-23	-21	-19	-18	-19	-22	-26	-29	-30	-28	-27	-28	-25
-23	-21	-18	-20	-16	-15	-13	-9	-9	-6	-7	-8	-6	-2	1	8	13	19	22	22
23	28	32	31	32	33	34	37	40	46	47	50	49	46	44	42	41	42	43	45
45	44	44	46	50	50	49	49	46	43	43	43	41	39	38	36	34	31	27	25
21	18	15	11	8	10	12	12	12	13	13	11	9	9	4	1	1	-2	-2	-1
-6	-8	-10	-10	-10	-11	-11	-11	-12	-11	-9	-7	-7	-7	-8	-12	-17	-19	-18	-19
-21	-24	-26	-25	-22	-23	-29	-32	-27	-21	-19	-21	-20	-17	-15	-17	-20	-25	-27	-26
-26	-29	-32	-33	-30	-28	-32	-35	-32	-30	-28	-25	-23	-22	-17	-14	-13	-10	-7	-7
-9	-9	-7	-3	1	0	-3	-5	-5	-6	-5	-5	-1	2	5	9	11	11	13	18
19	19	22	23	23	23	22	22	22	-6	-5	-5	-1	-1	-1	-1	-1	-1	-1	-1

IIN197 71.229.0
 STATION NO. 103
 INSTR PERIOD = 0.0470 SEC DAMPING = 0.632
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 ANZA POST OFFICE, STORAGE ROOM, ANZA, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -25.6 CM/SEC/SEC AT 10.12 SEC VELO = -2.2 CM/SEC AT 15.02 SEC DISP = -1.2 CM AT 22.86 SEC
 INITIAL VELO = -0.32013 CM/SEC INITIAL DISP = -0.05420 CM
 2126 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

24	18	15	13	10	9	8	4	-2	-3	1	14	20	12	0	-8	-12	-10	3	19
25	20	7	-7	-15	-9	4	12	13	11	7	4	4	0	-2	-2	-2	-1	2	7
9	-1	-11	-17	-28	-36	-19	11	23	17	9	4	-2	-5	1	12	20	7	-15	-28
-8	14	23	17	5	-5	-2	7	7	2	0	0	5	5	-6	-13	-17	-16	-9	5
14	4	-9	-5	9	13	1	0	8	14	11	-8	-21	-19	-12	-3	5	9	7	2
4	5	-1	-4	-6	-6	-5	-4	-3	-14	-26	-23	-11	3	10	18	30	34	24	10
1	-5	-8	-5	0	2	-7	-21	-28	-23	-17	-6	12	6	9	9	-3	-16	-7	8
9	5	8	11	12	9	3	-7	-16	-17	-7	8	14	12	7	4	2	0	-1	0
5	9	3	-4	-9	-6	3	7	7	6	-2	-13	-11	-2	6	0	-10	-18	-15	-2
16	26	27	27	23	8	-11	-31	-38	-34	-16	8	20	13	3	-4	-7	5	18	31
36	25	3	-19	-29	-19	-2	2	1	0	-2	-5	-6	-4	6	18	24	31	33	28
17	8	4	-4	-14	-24	-28	-28	-22	-10	6	17	16	14	11	1	-9	-13	-14	-20
-28	-33	-31	-26	-15	1	11	12	13	15	13	11	0	4	6	11	12	4	-4	-7
-8	-7	-8	-12	-19	-30	-47	-46	-30	-30	-14	-3	0	4	18	38	46	48	48	49
48	39	9	-19	-40	-52	-31	-8	-4	-2	-3	-2	-6	-13	-16	-12	-9	-8	-8	-6
-2	5	11	15	17	17	13	3	-13	-27	-33	-35	-34	-24	-8	17	37	27	-2	-25
-42	-47	-50	-51	-51	-50	-43	-28	0	42	70	59	20	-2	-1	29	50	52	24	4
12	46	76	93	77	47	19	-2	-19	-44	-57	-40	-13	6	16	23	26	15	-11	-20
-13	-10	-2	26	56	63	38	-1	-33	-59	-79	-84	-49	0	24	22	-19	-55	-78	-54
-11	26	64	101	131	123	75	19	-41	-80	-96	-95	-79	-32	11	40	28	-5	-30	-25
14	54	55	8	-29	-48	-44	-17	5	16	18	10	-16	-56	-79	-75	-49	-18	18	45
64	91	125	143	123	82	48	57	69	34	-20	-58	-78	-79	-87	-91	-67	-27	-16	-25
-23	-4	51	95	125	92	36	2	10	42	56	22	-62	-130	-180	-185	-149	-114	-80	-60
-41	-4	27	38	36	23	14	31	74	117	156	163	149	122	74	30	1	-33	-87	-136
-127	-78	-40	-38	-73	-86	-60	-17	15	42	53	60	72	83	81	70	51	40	51	64
65	62	34	-31	-126	-225	-256	-184	-72	-5	4	-9	-9	3	40	72	93	69	37	30
31	-10	-69	-109	-128	-119	-84	6	70	91	80	54	13	-34	-62	-48	-40	-55	-57	-37
21	90	80	9	-44	-62	-36	1	23	19	11	8	18	33	30	-1	-25	-10	19	46
63	53	22	-9	-4	51	107	136	90	6	-59	-101	-163	-209	-187	-94	4	77	107	123
101	81	81	90	110	118	105	93	85	54	-37	-136	-166	-146	-138	-148	-103	2	105	130
76	33	-1	19	86	136	127	64	-14	-97	-152	-173	-182	-154	-97	-28	19	53	49	2
-38	-57	-38	7	61	96	88	73	85	100	-66	-10	-64	-22	53	106	112	77	37	12
4	1	1	-20	-39	-51	-61	-67	-69	-70	-74	-86	-91	-58	-15	27	61	80	56	-4
-50	-62	-62	-59	-53	-47	-35	9	84	122	107	55	25	34	61	71	51	12	-26	-52
-50	-52	-55	-85	-120	-114	-75	-32	22	52	28	-42	-104	-104	-58	-12	15	17	-1	-20
-43	-57	-57	-47	-8	48	100	136	122	53	-2	-23	-23	-36	-51	-44	-29	-19	-1	22
34	47	52	42	16	0	0	-4	-1	2	-2	-14	-22	-21	-17	-10	-4	-15	-28	-15
-37	-44	-44	-25	-31	-54	-71	-88	-101	-100	-91	-30	55	108	123	137	138	116	102	116
128	115	83	50	4	-42	-82	-113	-118	-85	-66	-61	-50	-30	-19	-25	-36	-49	-60	-43
-9	26	48	64	80	79	79	92	105	121	122	99	58	22	-1	-12	-18	-21	-19	-10

-9	-25	-49	-44	-14	14	14	-5	-9	-11	-2	27	43	12	-23	-44	-60	-44	-20	-2
7	10	8	4	3	24	39	30	0	-11	4	52	96	124	105	39	-35	-58	-36	-26
-27	-50	-81	-93	-63	-14	20	44	49	60	75	95	96	62	28	-9	-39	-62	-73	-59
-19	17	15	-6	-14	-20	-25	-23	-21	-25	-29	-26	-12	19	50	72	79	73	66	41
-3	-48	-57	-32	14	48	60	48	41	33	20	-7	-28	-41	-57	-76	-80	-75	-64	-47
-35	-25	-9	7	27	49	75	90	94	60	25	8	18	60	81	70	35	6	-16	-34
-57	-77	-84	-86	-61	-24	-7	1	-16	-37	-45	-35	-15	24	62	74	87	66	13	-19
-39	-36	-15	5	21	32	35	29	19	-2	-39	-64	-74	-63	-31	7	20	5	-3	-10
-14	-12	6	25	25	-5	-31	-49	-67	-81	-75	-43	-5	31	50	30	-17	-44	-53	-51
-51	-54	-48	-31	-4	18	18	16	17	25	33	28	8	6	10	2	-7	-8	0	8
19	34	29	13	-1	-17	-28	-39	-49	-58	-64	-61	-38	-21	-24	-29	-13	23	62	96
110	97	69	38	14	-10	-17	-13	-10	-1	-1	-15	-24	-32	-43	-60	-73	-73	-65	-54
-42	-33	-24	-15	1	17	27	28	12	0	-14	-25	-32	-33	-34	-32	-32	-35	-40	-41
-37	-25	-20	-11	9	27	28	33	36	35	34	29	9	-21	-36	-31	-18	2	21	31
32	27	19	16	22	31	33	31	24	20	12	2	-2	-6	-12	-20	-21	-9	3	2
-2	-3	-10	-14	-16	-17	-21	-25	-25	-24	-20	-5	24	45	54	67	79	82	60	35
21	0	-3	-5	15	36	56	51	23	13	11	7	2	-4	-9	-17	-23	-24	-26	-14
11	26	35	36	30	21	13	6	8	17	24	28	32	34	35	35	34	29	26	22
17	11	2	-1	-3	0	12	24	32	35	30	19	4	-8	-4	-2	-2	-6	1	13
25	9	-17	-29	-37	-40	-28	-12	5	21	18	10	3	-3	-2	-2	-2	-1	2	7
10	9	8	2	-5	-7	-7	-7	-7	-7	-9	-12	-14	-16	-20	-21	-15	-7	-2	1
4	8	9	8	6	4	4	4	3	1	2	7	9	-17	4	0	0	-2	-6	-12
-17	-21	-23	-24	-24	-23	-18	-13	-9	-11	-16	-18	-19	-17	-8	4	9	10	8	2
0	-3	-7	-10	-14	-20	-22	-27	-34	-36	-31	-19	-7	-1	2	7	8	11	15	16
18	18	12	10	6	-2	-8	-10	-11	-14	-17	-19	-20	-21	-19	-6	8	13	16	17
15	13	13	16	20	17	13	8	8	6	4	7	4	-14	-27	-29	-27	-25	-21	-16
-9	0	9	15	17	15	9	-2	-11	-9	4	10	13	-3	-30	-30	-26	-20	-6	7
13	10	9	14	13	10	7	-1	-9	-10	-14	-17	-11	-7	-6	-10	-9	-3	3	1
-7	-14	-17	-16	-15	-19	-17	-12	-12	-10	-10	-13	-14	-10	-7	-9	-12	-15	-16	-28
-34	-35	-33	-23	-9	-3	-14	-23	-15	5	20	22	26	31	33	39	41	38	36	30
22	10	-4	-10	-10	-13	-26	-35	-26	-13	-7	-7	-2	6	16	32	44	44	37	19
5	-1	-6	-16	-12	5	13	16	13	13	10	6	0	-11	-16	-13	-8	-9	-12	-11
-10	-7	-3	0	-3	-3	4	16	25	26	24	24	23	19	16	13	7	-6	-17	-21
-13	-3	1	1	-4	-7	-5	-6	-12	-14	-10	-11	-10	-8	3	21	30	22	19	21
21	21	20	16	11	5	2	-2	-8	-9	-9	-6	-5	-5	-5	-5	-5	-5	-5	-5
-5	-5	-5	-2	2	4	3	3	2	-2	-5	-6	-7	-5	-4	6	23	28	24	27
28	21	20	17	10	6	6	5	3	2	0	3	9	13	16	21	25	23	14	15
22	25	24	24	26	18	6	0	-7	-9	-9	-12	-19	-24	-24	-25	-29	-38	-40	-37
-32	-24	-8	6	18	20	24	26	22	18	15	8	8	10	9	-6	8	4	-2	-11
-26	-29	-25	-21	-21	-20	-11	-2	6	11	9	4	-1	0	-4	-17	-16	-9	-8	-9
-12	-17	-18	-15	-11	-9	-15	-23	-29	-29	-28	-29	-27	-16	-4	-4	-6	0	7	11
15	15	8	2	1	2	3	0	-2	-5	-8	-8	-4	0	0	-2	-4	-5	-7	-10
-10	-7	-2	5	12	15	15	12	8	6	3	-4	-13	-20	-22	-27	-33	-36	-34	-24
-13	-4	-2	-4	-7	-9	-7	2	15	24	32	31	30	34	38	37	29	20	11	3
-2	-2	0	-1	-12	-11	-7	-8	-11	-11	-4	1	4	4	7	8	13	19	21	17
13	11	8	6	4	1	0	1	6	12	19	22	20	19	17	15	14	13	9	5
5	8	8	6	2	-2	-6	-7	-5	-5	-6	-2	5	5	7	7	5	2	1	1
0	-2	-2	3	7	5	0	-6	-9	-11	-13	-14	-5	2	4	3	1	-1	1	7
14	22	28	30	28	22	13	2	-5	-6	-8	-12	-18	-19	-18	-14	-8	-6	-6	-8
-7	-1	8	11	9	3	0	-4	-5	-3	-1	0	-2	-7	-12	-16	-16	-16	-20	-26

-29	-26	-21	-17	-18	-17	-17	-16	-15	-14	-14	-15	-15	-15	-17	-20
-21	-20	-15	-10	-10	-15	-8	6	8	12	13	3	-9	-14	-6	2
-1	-8	-16	-15	-11	-3	-4	-3	-5	-4	-5	-7	0	7	15	19
16	4	-6	7	14	11	14	12	20	24	25	17	19	25	22	17
13	16	22	17	-8	-2	-8	-2	7	15	16	-1	-3	-3	-5	-4
-3	-1	1	14	10	10	10	12	15	17	18	17	11	3	2	0
-5	-10	-15	9	6	5	6	-14	-15	-11	-10	-12	-4	9	16	13
12	11	5	-9	-9	-9	-9	-8	-6	-4	-2	-6	-7	-5	4	12
10	3	-5	-3	-2	-3	-2	-3	-1	3	7	0	-5	-10	-10	-9
-11	-14	-14	-6	-5	-4	-5	-4	-2	1	4	20	21	19	16	14
11	3	-5	-21	-17	-12	-15	-9	0	5	0	-13	-15	-14	-11	-6
-2	-5	-9	-11	-11	-7	-11	0	3	4	5	9	12	12	12	12
13	20	29	31	30	23	23	23	19	15	7	-5	-8	-12	-17	-22
-20	-6	3	-3	-5	5	3	5	2	-4	-6	1	1	4	8	10
4	-4	-7	-12	-18	2	2	6	1	-7	-14	-18	-16	-12	-7	-4
0	4	3	0	-4	5	5	-12	-13	-14	-12	-14	-16	-13	-6	-5
-8	-11	-19	-27	-32	-12	-12	-12	-13	-14	-12	-14	-16	-13	-6	-5

IIIN197 71.229.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 103 ANZA POST OFFICE, STORAGE ROOM, ANZA, CAL. COMP N45W 33 33 20N, 116 40 25W
INSTR PERIOD = 0.0470 SEC DAMPING = 0.652 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.125 AND 25 CYC/SEC.

PEAK VALS ACCLN = -35.4 CM/SEC/SEC AT 11.64 SEC VELO = -2.6 CM/SEC AT 9.48 SEC DISP = -1.0 CM AT 32.98 SEC

INITIAL VELO = -0.15505 CM/SEC INITIAL DISP = 0.07708 CM
2127 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

25	-12	11	24	15	1	-13	-13	-13	3	12	22	20	2	-8	-15	-16	-14	-18	-21	-25	-25
-1	-7	-5	-14	-5	-12	-12	-10	-10	2	-9	-8	-10	-4	7	-6	-15	-9	9	29	37	21
-4	-2	11	17	13	8	0	-5	-10	24	24	14	14	37	40	30	10	-3	3	14	10	4
-7	-2	1	0	-2	-6	-21	-34	-30	-17	-22	-24	-19	-22	-24	-19	-8	-4	-2	-9	-11	-9
3	16	22	20	11	5	-7	-29	-37	-30	-24	-19	-17	13	21	33	37	29	8	-17	-32	-17
29	36	34	18	-3	-12	-16	-17	-13	-30	-24	-19	-16	-11	-4	-10	-14	-15	-12	1	11	19
3	-6	-7	10	28	34	21	2	-10	-3	-7	-10	-5	-11	-4	-15	-17	-13	-12	-9	-2	4
19	26	27	13	-16	-29	-29	-17	3	24	26	23	18	11	1	-20	-17	-20	-14	-10	-5	7
-11	4	24	36	26	9	1	-2	5	34	36	29	24	15	1	1	11	1	1	4	-4	-12
12	10	6	6	12	12	30	27	15	-12	-11	-7	-1	0	-11	-20	-16	-11	-20	-16	-12	-13
-13	-12	-9	-6	-12	-22	-24	-27	-30	-30	-20	-8	-7	-19	-37	-43	-15	-37	-43	-15	21	37
41	46	37	30	23	21	20	23	25	30	17	4	2	-3	-8	-18	-20	-8	-18	-20	-25	-28
-31	-35	-31	-19	-7	5	14	17	5	2	12	16	6	-1	-6	-1	-10	-6	-1	0	-10	-17
-22	-19	-24	-42	-51	-19	-36	-6	11	18	15	18	22	20	19	19	15	19	19	15	-5	-40
-60	-47	-26	7	61	82	82	83	66	-3	-28	-54	-63	-39	0	23	32	0	23	32	29	14
-9	-27	-32	-37	-27	-16	-10	-2	1	13	30	42	53	54	50	51	44	50	51	44	34	26
20	11	4	7	2	-20	-60	-101	-114	-29	21	21	-18	-47	-69	-63	-31	-137	-96	-31	11	32
50	68	94	113	102	71	35	10	-23	-57	-59	-63	-84	-118	-137	-60	-132	-132	-60	-132	-109	-27
59	12	7	64	121	123	50	-63	-148	-40	67	120	117	36	-60	-132	-154	-60	-132	-154	-109	-27
39	62	25	-44	-92	-56	53	173	202	44	-51	-117	-117	-73	-15	50	116	-15	50	116	128	49
-63	-148	-217	-222	-210	-198	-187	-154	-88	63	152	230	283	287	225	154	80	225	154	80	13	-16
-49	-101	-107	-62	-28	-41	-81	-116	-137	-69	-39	-34	-44	-67	-73	-37	52	-73	-37	52	119	154
163	169	183	192	142	8	-118	-210	-259	-271	-242	-163	-52	47	117	153	143	117	153	143	104	80
99	150	176	122	31	-21	-18	7	15	-66	-95	-119	-147	-161	-156	-117	-56	-156	-117	-56	19	98
153	177	192	224	248	257	247	201	134	-41	-166	-256	-289	-246	-151	-96	-10	-151	-96	-10	-9	-16
-18	-25	-42	-32	31	86	130	139	92	-35	-84	-106	-72	15	96	125	91	96	125	91	-29	-138
-159	-95	30	169	248	228	168	138	129	60	-15	-109	-181	-190	-165	-112	-55	-165	-112	-55	7	21
-47	-151	-206	-175	-76	52	116	123	116	82	-16	-76	-63	19	121	234	313	121	234	313	294	135
-100	-298	-354	-283	-106	52	160	198	175	89	31	-32	-88	-150	-189	-163	-59	-189	-163	-59	36	61
8	-38	-38	17	64	69	25	-25	-70	-109	-57	14	89	140	174	179	106	174	179	106	1	-84
-120	-116	-71	22	119	106	27	-46	-102	-114	-115	-107	-67	-17	22	33	15	22	33	15	2	9
28	51	67	70	77	80	70	41	-14	-126	-149	-139	-78	-4	52	71	80	52	71	80	80	56
40	39	44	40	16	-5	-28	-40	-20	59	51	20	20	24	30	25	-3	30	25	-3	-52	-114
-150	-176	-181	-169	-139	-86	-9	64	110	111	83	47	36	40	52	68	72	52	68	72	75	74
53	14	-18	-23	-17	-10	-9	-21	-45	-74	-69	-59	-48	-50	-51	-35	0	-51	-35	0	17	2
-26	-35	-19	37	76	70	17	-27	-51	-77	-67	-63	-66	-66	-44	28	100	-44	28	100	109	86
66	75	94	103	49	-57	-148	-195	-154	42	121	140	138	110	65	23	-20	65	23	-20	-47	-68
-68	-59	-56	-44	-35	-50	-69	-77	-61	-1	24	47	72	96	128	155	140	128	155	140	82	41
39	46	47	12	-49	-129	-169	-148	-92	22	40	32	23	9	-14	-43	-75	-14	-43	-75	-92	-104

-98	-68	-37	-11	6	42	81	102	101	93	83	66	57	53	51	60	67	68	67	70
71	45	11	-12	-35	-54	-81	-92	-92	-89	-95	-105	-113	-114	-103	-66	-18	30	79	111
107	-25	6	-30	-25	24	59	85	89	74	55	30	-1	-22	-29	-19	-16	-15	-17	-22
-38	-60	-78	-86	-74	-48	-4	58	77	44	-13	-64	-83	-67	-12	55	83	78	69	67
66	63	57	46	37	31	3	-56	-77	-65	-43	2	48	68	50	5	-57	-92	-84	-54
-19	9	24	20	12	2	5	42	89	103	76	46	27	10	2	-18	-57	-86	-90	-71
-49	-20	1	21	32	27	-8	-37	-50	-53	-46	-23	12	44	72	95	118	129	118	77
26	-40	-96	-127	-132	-87	-44	-7	22	29	25	20	20	23	39	57	46	46	18	-26
-60	-60	-66	-71	-74	-72	-64	-54	-46	-38	-32	-23	-13	2	16	22	7	-18	-29	-10
35	73	86	90	87	80	74	66	55	49	50	52	50	39	15	-30	-54	-71	-83	-78
-60	-40	-31	-23	-15	-10	-4	13	17	-1	-26	-50	-53	-46	-38	-24	-11	13	33	53
67	66	61	52	44	37	30	21	11	-1	-11	-17	-20	-21	-16	-5	4	1	0	1
4	5	7	18	19	18	17	21	24	29	48	28	28	23	3	-19	-30	-23	-21	-21
-21	-31	-39	-40	-35	-30	-20	1	27	46	35	32	6	-21	-58	-78	-74	-68	-51	-38
-22	-15	-9	-10	-31	-55	-43	-6	31	40	32	12	-11	-32	-31	-14	7	26	33	34
32	19	2	-13	-11	-5	9	18	8	-7	2	11	14	22	25	22	12	2	-3	-2
-2	-11	-16	-16	-18	-12	0	17	26	24	13	3	-4	-6	-5	4	15	16	9	-2
-11	-5	9	24	26	25	25	28	27	21	17	14	8	0	-8	-21	-33	-37	-42	-53
-46	-30	-30	-30	-30	-29	-31	-34	-37	-37	-32	-20	-5	4	9	18	21	27	32	35
40	31	23	21	17	11	3	-6	-6	1	4	2	-1	-15	-35	-41	-41	-43	-42	-29
-25	-27	-27	-13	2	16	34	39	36	25	13	3	-7	-27	-38	-39	-44	-38	-29	-22
-13	1	15	22	26	28	29	17	-3	-9	-8	9	27	30	28	6	-19	-38	-48	-45
-34	-25	-26	-30	-34	-31	-20	-7	-1	15	30	44	51	56	55	45	32	23	18	19
17	19	14	4	-14	-28	-31	-26	-5	13	12	6	-3	-2	-7	-10	-10	-6	0	1
-1	0	0	6	24	39	46	54	59	53	45	34	16	-3	-11	-10	1	11	20	30
24	13	12	12	9	14	18	13	2	-14	-14	-13	-10	-18	-28	-36	-46	-43	-29	-7
1	0	4	8	8	8	10	14	21	23	17	2	-6	-8	-13	-18	-15	-12	-12	-12
-14	0	4	-11	-9	-4	7	20	33	36	27	21	17	16	11	3	6	22	24	20
18	27	15	-3	-2	-2	-2	-2	8	23	21	18	10	16	16	-20	-22	-21	-24	-23
-21	-19	-16	-9	-3	4	14	26	29	30	27	23	23	26	33	33	28	21	8	-7
-10	-7	-9	-12	-12	-12	-15	-15	-10	-2	5	13	16	12	9	8	8	7	5	3
3	1	-3	-4	-6	-7	-5	-1	-2	-8	-14	-19	-21	-19	-12	-8	-13	-14	-15	-10
-3	3	6	8	8	5	-1	-5	-7	-11	-16	-18	-15	-14	-13	-11	-10	-11	-11	-13
-15	-14	-7	-4	-2	4	9	4	0	2	3	3	3	3	3	3	5	3	-3	-6
-11	-18	-21	-22	-23	-22	-22	-19	-13	-9	-14	-25	-32	-33	-30	-26	-20	-20	-24	-20
-21	-18	-6	3	12	13	12	12	11	14	20	16	8	4	-5	-16	-21	-19	-14	-8
2	3	3	3	6	4	-4	-8	-18	-29	-31	-27	-22	-11	1	2	-1	1	5	9
13	21	29	24	12	12	-6	-12	-11	-7	-2	-9	-10	-19	-24	-29	-28	-16	-12	-12
-10	-7	-7	-7	-5	-6	-7	-7	-6	-7	-9	-9	-10	-10	-11	-10	-6	0	4	7
10	16	22	21	15	9	7	8	12	16	23	26	24	19	15	17	16	12	4	-6
-14	-17	-16	-12	-7	-4	1	9	14	16	13	7	-1	2	16	27	31	15	-6	-14
-9	0	5	5	9	9	2	-10	-9	-1	0	-1	-4	-1	5	11	12	13	14	13
12	11	13	12	12	17	24	25	24	21	17	10	3	1	5	6	5	7	8	8
9	13	16	15	15	14	14	15	16	13	12	11	3	-4	3	13	22	25	24	22
16	7	7	0	4	9	15	21	23	17	8	7	9	10	13	16	15	15	15	14
4	-5	-15	-29	-27	-18	-15	-7	-2	-1	-6	-10	-11	-7	0	-1	-6	-8	-5	6
7	7	7	1	-11	-20	-10	12	21	39	61	53	26	14	4	-1	-6	-14	-25	-23
-21	-26	-25	-25	-28	-17	-12	-8	-7	-8	-10	-12	-12	-17	-5	-6	-11	-13	-14	-19
4	0	-7	-19	-17	-13	-12	-10	-10	-13	-21	-16	-17	-16	-14	-9	-7	-9	-10	-2

[illegible]

18	34	23	2	17	-32	-22	-4	13	36	56	68	74	68	44	3	-32	-40	-33	-8	13
27	10	7	12	9	3	-2	-4	6	23	6	-25	-34	-33	-36	-35	-20	9	37	52	40
2	36	72	3	-8	-7	87	0	0	5	18	22	7	-6	-8	-2	1	4	6	4	2
26	27	22	27	22	12	3	73	35	-6	-17	-18	-24	-25	-12	5	9	-1	-13	-6	8
17	23	29	31	29	22	16	-3	-1	17	36	37	30	18	19	31	30	19	8	12	19
10	4	0	2	0	-4	-14	7	0	-5	-5	-4	-8	-9	-1	0	-7	-9	1	15	16
22	32	37	41	37	28	-14	-28	-35	-20	0	0	-5	-5	-6	-8	-10	-10	-7	-2	8
4	0	-12	-5	-12	-26	18	5	-7	-14	-26	-29	-7	11	0	-6	-6	-4	-2	1	4
-11	-19	-24	-20	-24	-30	-38	-40	-34	-21	-8	7	19	28	26	22	22	16	9	3	-5
						-26	-16	-2	4	-5	-8	-14	-26	-37	-41	-45	-42	-33	-22	-7
3	7	-9	-14	-16	-17	-18	-17	-13	-8	-6	-5	-3	11	24	20	14	16	16	12	9
9	8	3	3	3	6	2	13	19	11	0	2	6	5	6	6	6	5	3	-3	-7
-7	-3	1	1	-1	-5	4	-1	-5	-10	-17	-20	-22	-30	-36	-27	-19	-8	-1	2	4
10	8	-6	5	-6	-6	-9	-12	-22	-28	-32	-31	-22	-20	-13	-2	2	8	15	16	8
-4	-16	-24	-24	-28	-22	-14	-14	-11	-8	-11	-13	-5	1	8	5	1	-4	-7	-12	-13
-13	-14	-15	-15	-14	-14	-15	-16	-12	-2	3	3	6	14	12	4	2	-1	-3	-8	-10
-9	-10	-12	-13	-12	0	3	-3	0	2	6	20	10	4	4	2	0	-1	-4	-7	-9
5	24	32	32	32	32	32	29	27	19	11	6	2	6	10	16	21	19	17	17	17
17	16	11	11	9	9	5	-9	-19	-16	4	14	14	4	11	6	1	-4	-5	-5	-4
-4	-4	-2	-2	5		6	4	1	-5	-9	-9	-4	4	15	25	22	16	12	4	0
-1	-4	-4	-4	-5	-3	4	9	14	19	13	10	4	-2	-4	1	2	-1	-9	-10	3
18	22	14	12	14	18	19	8	5	6	9	5	1	3	5	11	15	15	13	11	8
8	5	6	6	6	6	15	21	13	4	-1	-12	-16	-15	-15	-13	-5	5	15	21	16
10	4	1	1	-2	-2	3	4	3	-1	-1	-12	-2	6	0	3	-17	-16	0	2	3
3	-1	-8	-22	-12	-12	-11	-7	-2	3	3	-4	-5	-11	-13	-14	4	8	-13	-12	-12
-17	-20	-23	-22	-23	-21	-18	-16	-13	-11	-16	-22	-16	-13	-12	-4	0	10	18	20	14
-3	-7	-5	-8	-5	0	2	3	4	0	-5	-6	-11	-14	-11	-4	0	-7	-5	-7	-12
3	-5	0	-6	0	-2	-4	6	11	15	14	14	13	14	14	9	0	2	2	2	2
-6	-7	-5	-8	-5	0	-5	-11	-2	1	2	2	2	3	3	3	2	-2	-10	-10	-5
2	2	3	2	3	6	7	7	7	7	9	14	20	19	13	5	3	-2	-10	-10	-5
-1	5	13	13	14	8	8	6	-1	2	6	5	1	5	3	8	10	6	-1	4	6
0	-5	-9	-24	-16	-13	-12	-14	-18	-18	-17	-12	-8	-5	-9	-14	-23	-29	-29	-28	-28
-24	-21	-2	3	-8	-26	-18	-15	-18	-16	-14	-16	-4	-9	-19	-21	-12	-5	-2	-2	0
6	2	2	1	6	2	6	13	4	-9	-12	-3	3	5	0	-10	-17	-13	-14	-13	-11
-8	-2	1	1	6	6	-1	-8	-6	-5	2	7	9	6	8	10	11	12	13	5	3
8	17	17	17	18	11	5	9	3	-3	-1	5	3	11	14	9	10	8	8	9	7
2	-3	1	1	-1	2	0	3	9	18	8	4	7	10	14	10	5	8	16	21	17
10	9	15	15	14	14	12	11	11	16	6	-1	8	15	17	0	-1	6	6	12	17
15	8	11	11	7	-7	-11	-11	-9	3	6	10	12	14	28	22	8	7	3	12	-5
-2	1	4	4	2	2	-5	-8	-5	-8	-14	-15	-13	-10	-13	-12	-7	-8	-12	-14	-8
0	2	3	3	-2	-3	-2	-1	1	2	2	2	1	-1	-2	-1	-1	-2	-6	-9	-11
-12	-14	-15	-15	-13	-8	-4	-5	-8	-7	-4	-3	-3	-1	2	4	8	13	14	9	0
-7	-13	-9	-8	-12	-7	-5	-6	0	5	2	-3	-6	-8	-9	-7	-5	-4	-4	-7	-9
-9	-9	-9	-8	-5	-4	-4	-4	-6	-9	-10	-11	-11	-13	-15	-13	-11	-13	-11	-5	-2
-2	1	4	4	4	4	2	0	-1	-2	-2	0	2	8	14	14	13	12	12	12	10
9	9	10	10	10	9	8	6	6	6	6	6	9	11	9	5	6	7	5	3	4
7	8	9	9	10	9	10	14	20	17	15	10	8	7	7	8	9	7	5	2	-1
-3	-4	-2	-2	3	7	13	17	11	1	-1	-4	-5	-4	-1	1	-3	-13	-7	6	3
0	-4	-4	-8	-9	-7	2	9	7	2	0	-4	-4	-2	-9	-11	-13	-13	-14	-11	-6
2	2	2	-7	-10	-12	-11	-5	-4	-5	-8	-10	-10	-14	-13	-10	-9	-9	-7	-7	-6

-4	3	1	-17	-7	6	-3	1	1	5	4	12	9	5	6	2	3	7	10	0	13	8	3	0	4
-4	-1	0	-11	-6	3	-4	3	3	1	2	9	3	7	2	-2	3	10	3	13	8	3	0	4	
-8	-3	-6	-7	-4	3	-5	6	6	-2	-6	3	7	10	3	-2	3	10	3	13	8	3	0	4	
-9	-3	-6	-7	-4	3	-5	6	6	-2	-6	3	7	10	3	-2	3	10	3	13	8	3	0	4	
-6	-1	0	-11	-6	3	-4	3	3	1	2	9	3	7	10	0	13	8	3	0	13	8	3	0	
-1	2	-1	-4	2	10	-4	0	0	-1	-9	4	12	13	17	-14	-9	1	1	1	1	1	1	1	
1	-1	0	0	11	10	-6	-3	-1	0	-8	7	9	18	21	-16	-8	1	1	1	1	1	1	1	
5	-5	0	-2	13	8	-4	0	0	-5	-5	3	9	20	12	-17	-9	1	1	1	1	1	1	1	
6	-1	-2	-6	5	5	4	-7	1	-1	-1	3	11	20	0	-17	-11	1	1	1	1	1	1	1	
3	2	-2	-8	2	2	10	-7	2	1	1	6	8	19	-7	-17	-12	1	1	1	1	1	1	1	
9	6	1	-4	2	0	11	-6	3	3	3	7	4	18	-5	-18	-12	1	1	1	1	1	1	1	
13	7	0	-1	3	-5	10	-6	4	7	7	7	6	18	-4	-18	-11	1	1	1	1	1	1	1	
6	2	-3	1	4	-13	10	-6	6	6	6	7	5	13	-5	-18	-8	1	1	1	1	1	1	1	
-2	-4	-3	3	5	-23	9	-6	8	5	5	6	4	1	-6	-17	-2	1	1	1	1	1	1	1	
-7	-7	-2	-2	4	-21	8	-3	1	5	5	5	-2	-6	-6	-15	2	1	1	1	1	1	1	1	
-6	-2	-3	-11	3	-14	7	0	3	1	1	4	-4	-7	-7	-14	2	1	1	1	1	1	1	1	
-4	7	-7	-9	3	-9	4	4	3	-1	-1	3	3	-1	-8	-13	3	1	1	1	1	1	1	1	
-6	7	-12	-8	4	-5	-1	6	5	2	2	2	7	8	-9	-12	3	1	1	1	1	1	1	1	
-1	3	-18	-9	7	-4	-6	6	5	4	3	3	9	9	-9	-10	3	1	1	1	1	1	1	1	
4	0	-21	-9	8	-3	-4	8	5	9	4	4	10	6	-8	-9	3	1	1	1	1	1	1	1	

California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22121:

EERL 70-20	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data (Vol. I, Part A)	PB-287 847
EERL 70-21	" " (Vol. I, Part B)	PB-196 823
EERL 71-20	" " (Vol. I, Part C)	PB-204 364
EERL 71-21	" " (Vol. I, Part D)	PB-208 529
EERL 71-22	" " (Vol. I, Part E)	PB-209 749
EERL 71-23	" " (Vol. I, Part F)	PB-210 619
EERL 72-20	" " (Vol. I, Part G)	PB-211 357
EERL 72-21	" " (Vol. I, Part H)	PB-211 781
EERL 72-22	" " (Vol. I, Part I)	PB-213 422
EERL 72-23	" " (Vol. I, Part J)	PB-213 423
EERL 72-24	" " (Vol. I, Part K)	PB-213 424
EERL 72-25	" " (Vol. I, Part L)	PB-215 639
EERL 72-26	" " (Vol. I, Part M)	PB-220 554
EERL 72-27	" " (Vol. I, Part N)	PB-223 023
EERL 73-20	" " (Vol. I, Part O)	PB-222 417
EERL 73-21	" " (Vol. I, Part P)	PB-227 481/AS
EERL 71-50	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data: Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves (Vol. II, Part A)	PB-208 283
EERL 72-50	" " (Vol. II, Part B)	PB-220 161
EERL 72-51	" " (Vol. II, Part C)	PB-220 162
EERL 72-52	" " (Vol. II, Part D)	PB-220 836
EERL 73-50	" " (Vol. II, Part E)	PB-223 024
EERL 73-51	" " (Vol. II, Part F)	PB-224 977/9AS
EERL 73-52	" " (Vol. II, Part G)	PB-229 239/AS
EERL 74-50	" " (Vol. II, Part H)	PB-231 225/AS

EERL 72-80	Analyses of Strong Motion Earthquake Accelerograms - Response Spectra	(Vol. III, Part A)	PB-212 602
EERL 73-80	" "	(Vol. III, Part B)	PB-221 256
EERL 73-81	" "	(Vol. III, Part C)	PB-223 025
EERL 73-82	" "	(Vol. III, Part D)	PB-227 469/AS
EERL 73-83	" "	(Vol. III, Part E)	PB-227 470/AS
EERL 73-84	" "	(Vol. III, Part F)	PB-227 471/AS
EERL 73-85	" "	(Vol. III, Part G)	PB-231 223/AS
EERL 74-80	" "	(Vol. III, Part H)	PB-231 319/AS
EERL 72-100	Analyses of Strong Motion Earthquake Accelerograms - Fourier Amplitude Spectra	(Vol. IV, Part A)	PB-212 603
EERL 73-100	" "	(Vol. IV, Part B)	PB-220 837
EERL 73-101	" "	(Vol. IV, Part C)	PB-222 514
EERL 73-102	" "	(Vol. IV, Part D)	PB-223 969/AS
EERL 73-103	" "	(Vol. IV, Part E)	PB-229 240/AS
EERL 73-104	" "	(Vol. IV, Part F)	PB-229 241/AS
EERL 73-105	" "	(Vol. IV, Part G)	PB-231 224/AS
Joint Report:	Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971		PB-204 198
EERL 71-01	P. C. Jennings, et al, Forced Vibration of a 22-Story Steel Frame Building		PB-205 161
EERL 71-02	P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake		PB-202 550
EERL 71-03	Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation		PB-205 304
EERL 71-04	Jacobo Bielak, Earthquake Response of Building-Foundation Systems		PB-205 305

EERL 71-05	M. D. Trifunac, F. E. Udwadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms	PB-205 369
EERL 71-06	Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams	PB-205 267
EERL 71-07	John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings	PB-207 635
EERL 72-01	P. C. Jennings and J. Bielak, Dynamics of Building-Soil Interaction	PB-209 666
EERL 72-02	F. E. Udwadia, Investigation of Earthquake and Microtremor Ground Motions	PB-212 853
DRC 72-01	Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire	PB-213 256
EERL 72-04	J. H. Wood, Analysis of the Earthquake Response of a Nine-Story Steel Frame Building during the San Fernando Earthquake	PB-215 823
EERL 73-01	F. E. Udwadia and M. D. Trifunac, The Fourier Transform, Response Spectra and their Relationship through the Statistics of Oscillator Response	PB-220 458
EERL 73-02	Research Papers Submitted to the Fifth World Conference on Earthquake Engineering, Rome, Italy, 25-29 June 1973	PB-220 431
DRC 73-02	Earthquakes and Insurance, Published Papers on Earthquake Research Affiliates Conference of 2-3 April 1973	PB-223 033
EERL 73-03	M. D. Trifunac and V. Lee, Routine Computer Processing of Strong-Motion Accelerograms	PB-226 047-AS