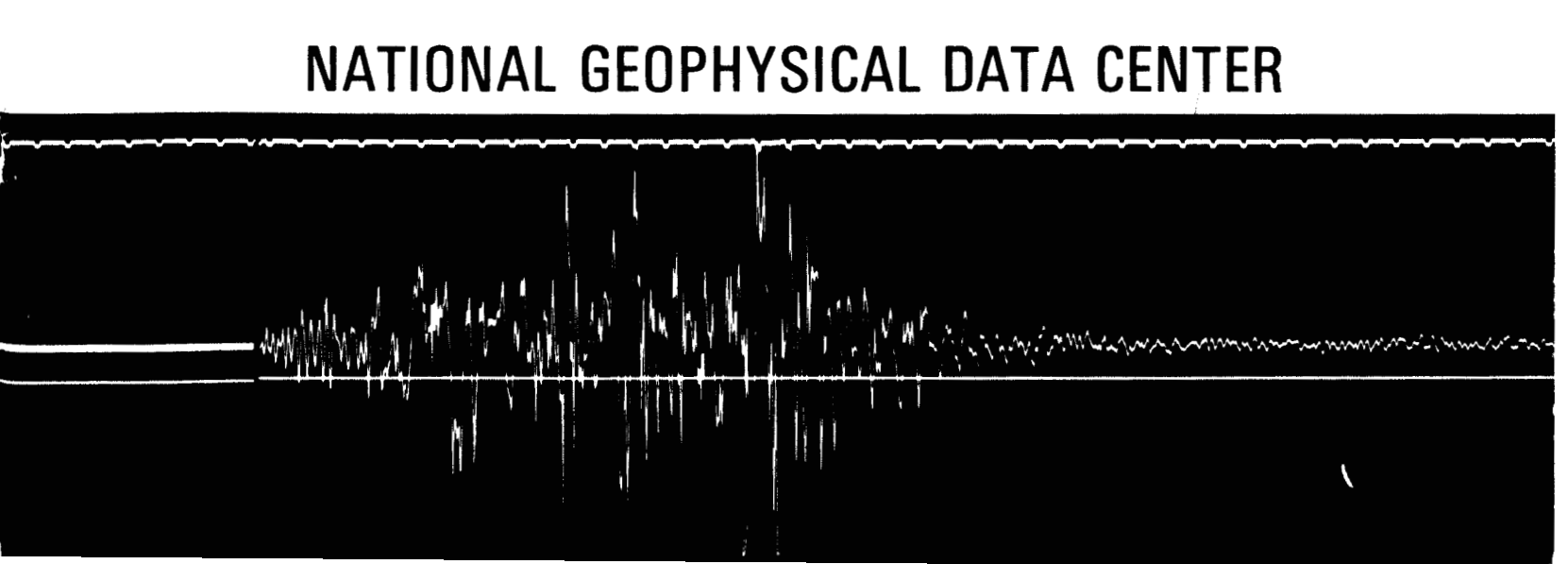
REPORT SE-38

WORLD DATA CENTER A
for
Solid Earth Geophysics

CATALOG OF STRONG-MOTION ACCELEROGRAPH RECORDS

June 1985

NATIONAL GEOPHYSICAL DATA CENTER



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WORLD DATA CENTER A
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Solid Earth Geophysics

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By

Jerry L. Coffman and Susan Godeaux

June 1985

Published by World Data Center A for Solid Earth Geophysics

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
National Geophysical Data Center
Boulder, CO 80303 USA

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DESCRIPTION OF WORLD DATA CENTERS

World Data Centers conduct international exchange of geophysical observations in accordance with the principles set forth by the International Council of Scientific Unions (ICSU). They were established in 1957 by the International Geophysical Year Committee (CSAGI) as part of the fundamental international planning for the IGY program to collect data from the numerous and widespread IGY observational programs and to make such data readily accessible to interested scientists and scholars for an indefinite period of time. WDC-A was established in the U.S.A.; WDC-B in the U.S.S.R.; and WDC-C in Western Europe, Australia, and Japan. This new system for exchanging geophysical data was found to be very effective, and the operations of the World Data Centers were extended by ICSU on a continuing basis to other international programs; the WDC's were under the supervision of the Comite International de Geophysique (CIG) for the period 1960 to 1967 and are now supervised by the ICSU Panel on World Data Centres.

The current plans for continued international exchange of geophysical data through the World Data Centers are set forth in the *Fourth Consolidated Guide to International Data Exchange through the World Data Centres*, issued by the ICSU Panel on World Data Centres. These plans are broadly similar to those adopted under ICSU auspices for the IGY and subsequent international programs.

Functions and Responsibilities of WDC's

The World Data Centers collect data and publications for the following disciplines: Meteorology; Oceanography; Rockets and Satellites; Solar-Terrestrial Physics disciplines (Solar and Interplanetary Phenomena, Ionospheric Phenomena, Flare-Associated Events, Geomagnetic Phenomena, Aurora, Cosmic Rays, Airglow); Solid Earth Geophysics disciplines (Seismology, Tsunamis, Gravimetry, Earth Tides, Recent Movements of the Earth's Crust, Rotation of the Earth, Magnetic Measurements, Paleomagnetism and Archemagnetism, Volcanology, Geothermics), and Marine Geology and Geophysics. In planning for the various scientific programs, decisions on data exchange were made by the scientific community through the international scientific unions and committees. In each discipline, the specialists themselves determined the nature and form of data exchange, based on their needs as research workers. Thus, the type and amount of data in the WDC's differ from discipline to discipline.

The objects of establishing several World Data Centers for collecting observational data were: (1) to insure against loss of data by the catastrophic destruction of a single center, (2) to meet the geographical convenience of, and provide easy communication for workers in different parts of the world. Each WDC is responsible for: (1) endeavoring to collect a complete set of data in the field or discipline for which it is responsible, (2) safe-keeping of the incoming data, (3) correct copying and reproduction of data, maintaining adequate standards of clarity and durability, (4) supplying copies to other WDC's of data not received directly, (5) preparation of catalogs of all data in its charge, and (6) making data in the WDC's available to the scientific community. The WDC's conduct their operation at no expense to ICSU or to the ICSU family of unions and committees.

World Data Center A

World Data Center A, for which the National Academy of Sciences through the Geophysics Research Forum and its Committee on Geophysical Data has overall responsibility, consists of the WDC-A Coordination Office and seven subcenters at scientific institutions in various parts of the United States. The GRF periodically reviews the activities of WDC-A and has conducted several studies on the effectiveness of the WDC system. As a result of these reviews and studies, some of the subcenters of WDC-A have been relocated so that they could more effectively serve the scientific community. The addresses of the WDC-A subcenters and Coordination Office are given inside the front cover.

The data received by WDC-A have been made available to the scientific community in various ways: (1) reports containing data and results of experiments have been compiled, published, and widely distributed; (2) synoptic-type data on cards, microfilm, or tables are available for use at the subcenters and for loan to scientists; (3) copies of data and reports are provided upon request.

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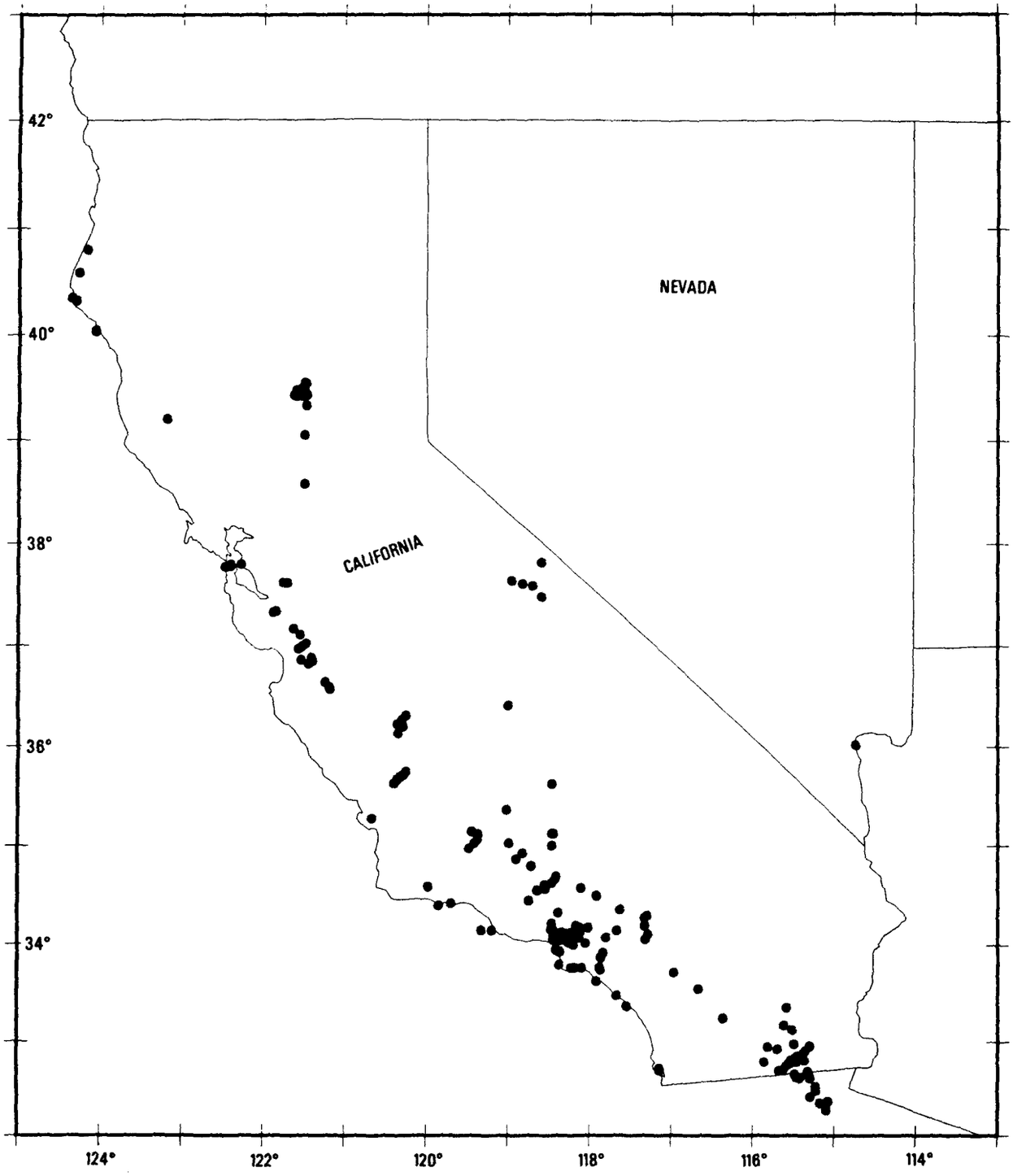

Figure 1.--Accelerograph stations in California that furnished strong-motion data to WDC-A/NGDC

Catalog of Strong-Motion Accelerograph Records

Compiled by
Jerry L. Coffman and Susan Godeaux

Introduction

The National Geophysical Data Center (NGDC) and its collocated World Data Center-A for Solid Earth Geophysics (WDC-A) are responsibile for acquiring, archiving, and disseminating strong-motion accelerograph data to meet requirements of the scientific and technical community. The U.S. Geological Survey (USGS) has provided most of the digital data now in the strong-motion archive from its National Strong-Motion Instrumentation Network (Switzer and others, 1981); however, several organizations in other countries who participate in the World Data Center System have contributed valuable sets of data through WDC-A.

The present catalog contains information on all digital accelerograph records in the archives of NGDC and WDC-A. Table 1 includes the date, time, epicenter, magnitude, depth, and intensity of each triggering earthquake, while table 2 gives the recording station, geographic location, date of record, type of accelerograph, component, acceleration, velocity, and displacement. The catalog provides information on accelerograph records from as early as March 11, 1933 (the Long Beach, Calif., earthquake) through April 24, 1984 (the destructive Morgan Hill, Calif., earthquake). Information on formats of available data is included in the section "Data Formats and Services."

Hudson (1984), in a presentation to the Eighth World Conference on Earthquake Engineering in San Francisco, made the following observation about the collection and dissemination of strong-motion accelerograph records: "A key need [today] is a general catalog of all recovered records, with such information as location of station, time of event, basic earthquake parameters, peak accelerations, and available data formats and source."

Although the present catalog does not contain information on all strong-motion records that have been recovered throughout the world, it does provide information on more than 9,000 records representing about 350 earthquakes that have occurred in 13 different countries (see Tables 1 and 2). A "record" is defined as "corrected, uncorrected, or response spectra data from one instrumental component of one strong-motion station." Therefore, the number of records is large because it includes uncorrected, corrected, and response spectra records from each strong-motion station for many sets of data. Each station normally produces records from three instrumental components (two horizontal and one vertical) when triggered by an earthquake.

This catalog supersedes the following reports issued by NGDC and WDC-A in 1974 and 1977, respectively: "Catalog of Strong-Motion Seismograph Stations and Records, KGRD No. 2" and "Catalog of Seismograms and Strong-Motion Records, Report SE-6." Although those catalogs describe in separate reports the strong-motion data in the National data archive (available through NGDC) and the

data in the International data archive (available through WDC-A), the present publication is issued jointly by WDC-A/NGDC and therefore describes under one cover all available strong-motion data. We hope this change will simplify the procedures involved in retrieving strong-motion data from WDC-A/NGDC for all data users.

Several excellent technical reports have been written on the subject of strong-motion seismometry. Their titles are included in the Bibliography on page 7.

Background of United States Network

In 1931, the Seismological Field Survey was formed in the U.S. Department of Commerce, Coast and Geodetic Survey (C&GS). At that time the U.S. Congress gave C&GS the responsibility for developing and implementing an engineering seismology program. Development of the instruments required for recording strong ground motion began immediately, and, by July 1932, several of the newly designed strong-motion accelerographs already were installed. Fortuitously, three of the instruments were placed in buildings in the Long Beach, Calif., area, just in time to record the first useful data of damaging earthquake motion generated by the Long Beach earthquake in March 1933. Responsibility for the U.S. strong-motion seismometry program was transfered to the USGS in 1973, and the program today is conducted by the USGS Branch of Engineering Seismology and Geology in Menlo Park, Calif.

By 1964, the National Strong-Motion Instrumentation Network included 71 stations, and the station sites extended to areas in the Western United States outside the State of California. And by 1984, 20 years later, the Network had been expanded to include about 1,350 stations in the United States, Canada, the Caribbean, Central America, and South America (see Tables 2 and 3).

Description of Catalog

This catalog is an inventory of all digital strong-motion data available from the National Geophysical Data Center (NGDC) and World Data Center-A for Solid Earth Geophysics (WDC-A). Only a small amount of data is available in analog form, and it is described in a later section of the report (see "Data Formats and Services" section).

Table 1 is a list of earthquakes (1933-84) that triggered the strong-motion records listed in Table 2. The earthquakes are listed alphabetically by country/State, then chronologically by date/time. Table 1 includes the following information on each event: country/date, origin time, geographic coordinates of epicenter, region of occurrence, focal depth, maximum intensity (see Appendix 2), and Richter magnitude.

The inventory of strong-motion data in Table 2 is arranged alphabetically by country. Strong-motion records are listed chronologically by date of record within each country, and then by location of the instrument. The table includes station location (i.e., city, street address), latitude and longitude of station, date of record, epicentral distance (distance from epicenter to recording station), maximum acceleration (in gal--galileo), maximum velocity (in cm/s),

maximum displacement (in cm), recording instrument, and component. A description of each column follows:

Instrument location: The location of each instrument is given as a place, building, or street address, depending on how it is identified by the contributing organization or group.

Latitude/longitude: Locations of station sites are commonly provided by the contributing country. If not provided, strong-motion technical reports were consulted to provide the station locations. Several station locations could not be found, even after thorough checks of station reports.

Record date: Time of occurrence of the earthquake (in Universal Time Coordinated--UTC) is given in these columns. The dates are taken from printouts produced from the magnetic tape.

Epicentral distance: This is the distance of the recording station from the epicenter of the triggering earthquake. All distances were computed by WDC-A/NGDC.

Acceleration/velocity/displacement: These values are the maximum recorded at the strong-motion site. Most of this information has been provided by the agency submitting the data.

Instruments: See Appendix 1 for a brief discussion of instrumental characteristics. The standard abbreviations below are used to designate the recording instruments:

AR-240	Strong-Motion Accelerograph (United States)
CRA-1, DSA-1, DSA-3	Digital Strong-Motion Accelerographs (United States)
DC,DC-3C,DC-3,DCA-310	Strong-Motion Accelerograph (Japan)
MO-2	Strong-Motion Accelerograph (New Zealand)
RFT-250	Strong-Motion Accelerograph (United States)
SMA-1 (SMA)	Strong-Motion Accelerograph (United States)
SMAC-A (SMAC)	Strong-Motion Accelerograph (Japan)
SMAC-B (SMAC-B2)	Strong-Motion Accelerograph (Japan)
SMAC-C	Strong-Motion Accelerograph (Japan)
SMAC-E	Strong-Motion Accelerograph (Japan)
SMAC-M	Digital Strong-Motion Accelerograph (Japan)
SMAC-Q	Digital Strong-Motion Accelerograph (Japan)
S-M	Strong-Motion Accelerograph (United States)
S-MD	Strong-Motion Accelerograph and Displacement Meter (United States)
SSRZ	Triaxial Strong-Motion Accelerograph (USSR)
STD	Standard Strong-Motion Accelerograph (United States)
USCGS	Standard Strong-Motion Accelerograph (United States)
Weed	Strong-Motion Accelerograph (United States)

Figure 1 shows the locations of the strong-motion stations listed in Table 2, and Figure 2 shows analog records produced by a typical instrument. Appendix 1 briefly describes the instruments in use at many of these strong-motion sites.

Table 3 contains a list of organizations that contributed strong-motion data to WDC-A/NGDC. Many of these organizations operate stations in cooperation

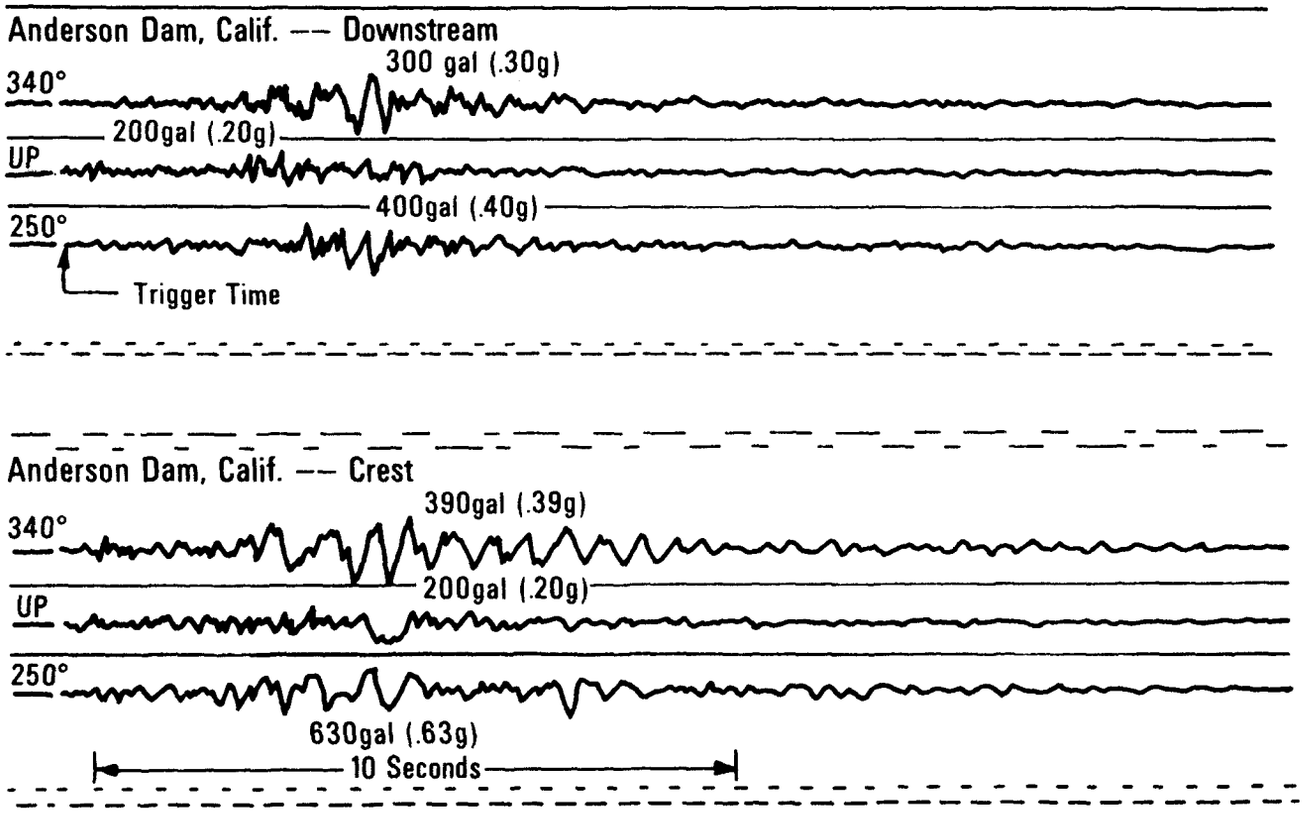

Figure 2. Tracings of strong-motion accelerograph records from the Morgan Hill, California, earthquake of April 24, 1984

with the USGS, and have agreed to permit the USGS to furnish copies of the data to this Center.

Strong-Motion Station Locations

The map in Figure 1 shows the geographic coverage of the strong-motion stations represented in the WDC-A/NGDC archive. The regions for which digital data are available include: Chile, El Salvador, Italy, Japan, Mexico, Nicaragua, Papua New Guinea, People's Republic of China, Peru, Rumania, Taiwan, United States, and USSR (see list of contributing agencies in Table 3). The countries for which analog data are available include: Chile, Costa Rica, Ecuador, El Salvador, Guatemala, New Zealand, Panama, Peru, United States, and Yugoslavia.

Strong-Motion Data Exchange

The Seismology Section of the "Fourth Consolidated Guide to International Data Exchange Through the World Data Centres" (International Council of Scientific Unions, 1979), calls for the collection of significant strong-motion seismograph records from instruments located to give free-field measurements. These include only vault and ground-level instrumental records produced by an earthquake of Modified Mercalli intensity VII or higher (see Appendix 2); acceleration of 0.05 g (50 gal) or higher; particle velocity of 10 cm/s or higher; or displacement of 0.2 cm or higher. These records also should be accompanied by complete information about recording instrument, type of registration, and description of format of data.

At the XVIII General Assembly of the International Union of Geodesy and Geophysics, August 15-27, 1983, at Hamburg, FRG, the following resolutions of the International Association of Seismology and Physics of the Earth's Interior were passed by the Commission on Strong-Motion Seismology (International Union of Geodesy and Geophysics, 1984):

> Resolution 6: Noting that the lack of sufficient strong-motion data hampers the understanding of the near source effects of earthquakes and the behavior of structures, urges that efforts to collect such data be intensified.
>
> Resolution 7: Reaffirming the importance of standardizing strong-motion records, resolves to sponsor an international workshop to compare and exchange current processing techniques.
>
> Resolution 8: Urges the World Data Center, in collaboration with the International Association of Earthquake Engineering and other interested organizations, to encourage and intensify the collection and distribution of strong-motion data.
>
> Resolution 9: Noting the importance of a fuller theoretical and observational understanding of the nonlinear behavior of soils subjected to strong earthquake motion, urges seismologists to install further instruments in boreholes, and three-dimensional arrays, and to carry out such studies.

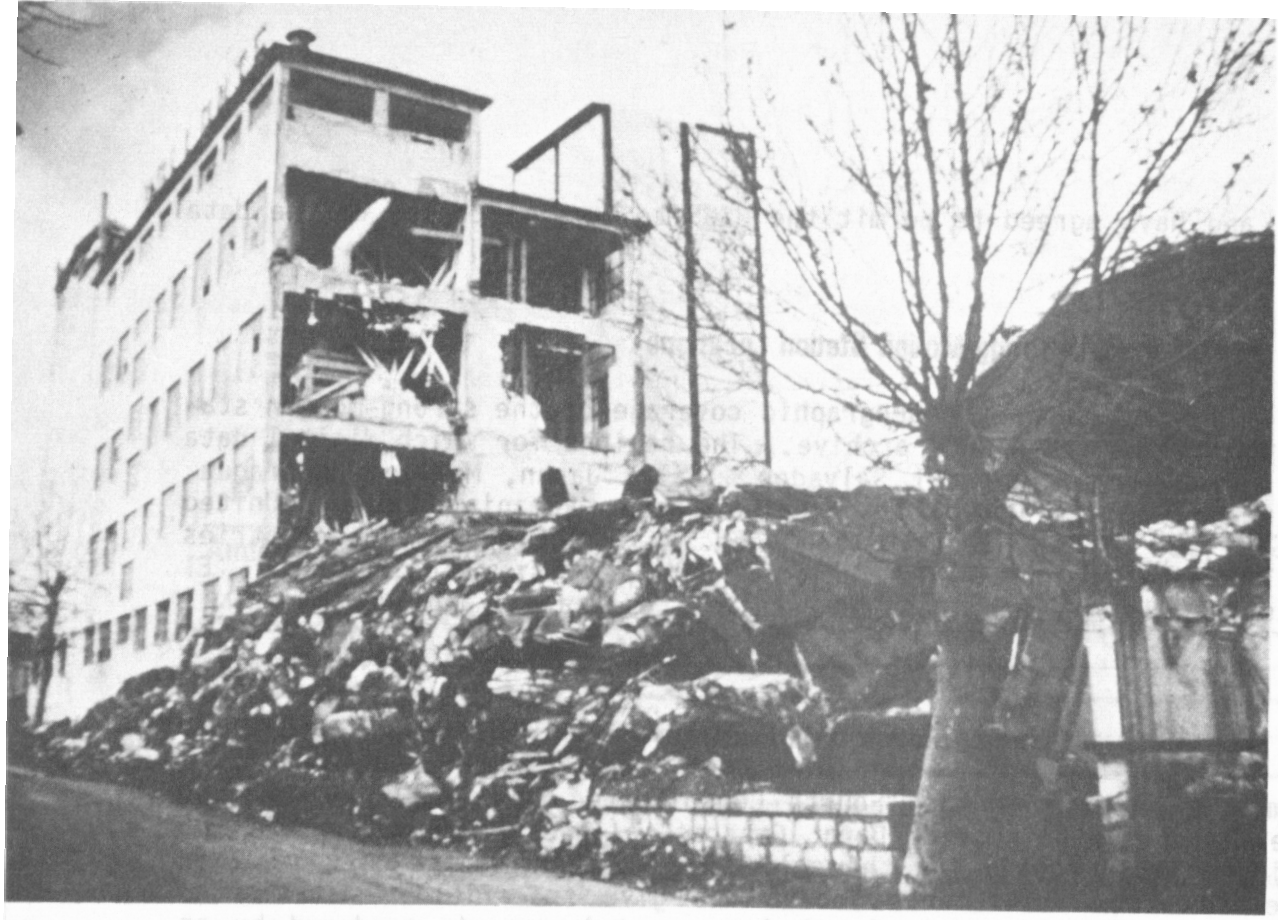

Figure 3 (Top). Campania, Italy, earthquake of November 1980, caused one unit of the Pallante Factory to collapse. Photo Credit: National Academy Press. (Bottom). Morgan Hill, Calif., earthquake of Apr. 24, 1984, generated severe landslide onto Dunne Avenue. Photo Courtesy of U.S. Geological Survey. The National Geophysical Data Center has over 300 digital records in the Strong-Motion Inventory from the Campania event and 75 from the Morgan Hill event.

Data Formats and Services

Strong-motion data in digital format are available on 9-track magnetic tape at a density of 1,600 bpi. The list in Table 4 gives specific information on all digital strong-motion data sets in the WDC-A/NGDC archive. It includes the tape name (which should be used when requesting information or when ordering data), country/State where the data were recorded, and other pertinent information on each set of data. In addition, a set of significant strong-motion records for the years 1933-71 is available in analog form.

Copies of primary data are available at the cost of copying or on an exchange basis. Please forward requests for information on costs of strong-motion data and other services to:

National Geophysical Data Center/NOAA
World Data Center-A for Solid Earth Geophysics
325 Broadway, Code E/GC1
Boulder, CO 80303

Additional information regarding the USGS National Strong-Motion Instrumentation Network and individual stations may be obtained from U.S. Geological Survey, National Strong-Motion Program, MS 977, 345 Middlefield Road, Menlo Park, Calif. 94025.

Acknowledgments

We appreciate the assistance of Herbert Meyers, Chief, Solid Earth Data Services Division, who provided administrative and technical support for the project; Carlos Angel, who set up the inventory format and provided technical support; and Steven Paull, who assisted both in setting up the inventory and in checking the final listings for completeness.

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Table 1. List of Earthquakes That Triggered Strong-Motion Records in Table 2

[Note: UTC = Universal Time Coordinated. Maximum Intensity = Modified Mercalli in U.S.; see Appendix 2 for other areas of the world. (--) = data not available]

Country/Date yr mo da	Origin time (UTC) hr mn sec	Epicentral Coordinates Latitude (deg)	Longitude (deg)	Region	Focal Depth (km)	Maximum Intensity	Richter Mag.
CHILE							
65 03 15	05 09 03	--	--	Santiago	--	--	--
67 09 26	-- -- --	--	--	Santiago	--	--	--
71 07 08	22 03 18.7	32.50S	71.20W	Santiago	58	--	6.6
EL SALVADOR							
67 11 18	22 43 20.0	13.50N	89.20W	San Salvador	5	6	3.6
67 11 18	22 52 23.5	13.50N	89.20W	San Salvador	5	6	--
					--	--	--
ITALY							
76 05 06	19 59 08	46.26N	13.28E	Northeastern Italy	24	--	4.5
76 05 06	20 00 11.6	46.60N	13.30E	Northeastern Italy	9	--	6.5
76 05 07	00 23 50	46.23N	13.35E	Northeastern Italy	30	--	4.9
76 05 07	13 42 52	46.47N	13.07E	Northeastern Italy	26	--	4.3
76 05 08	03 10 10	46.35N	13.18E	Northeastern Italy	13	--	4.5
76 05 09	00 53 43	46.35N	13.26E	Northeastern Italy	1	--	5.5
76 05 10	04 35 53	46.30N	13.25E	Northeastern Italy	1	--	4.7
76 05 10	04 43 53	46.30N	13.25E	Northeastern Italy	1	--	4.7
76 05 11	22 44 02	46.30N	13.08E	Northeastern Italy	19	--	5.3
76 05 13	13 04 50	46.25N	12.98E	Northeastern Italy	7	--	4.3
76 05 15	04 26 16	46.23N	13.26E	Northeastern Italy	16	--	4.2
76 05 18	01 30 08	46.26N	12.87E	Northeastern Italy	5	--	4.3
76 05 18	02 39 39	46.25N	13.00E	Northeastern Italy	3	--	3.7
76 06 01	04 33 49	46.26N	12.92E	Northeastern Italy	4	--	3.4
76 06 01	17 21 11	46.26N	12.92E	Northeastern Italy	4	--	3.4
76 06 08	12 14 37	46.38N	13.33E	Northeastern Italy	29	--	4.5
76 06 09	18 48 14	46.26N	13.00E	Northeastern Italy	13	--	4.2
76 06 10	13 04 25	46.25N	13.02E	Northeastern Italy	12	--	3.3
76 06 11	17 16 37	46.26N	12.97E	Northeastern Italy	18	--	4.4
76 06 17	14 28 48	46.16N	12.86E	Northeastern Italy	18	--	4.4
76 06 26	11 13 49.2	46.17N	13.13E	Northeastern Italy	33	--	4.0
76 07 14	05 39 35	46.24N	13.27E	Northeastern Italy	33	--	4.6
76 07 15	12 58 51	46.20N	13.21E	Northeastern Italy	33	--	5.1
76 09 06	19 28 13.7	46.24N	13.02E	Northeastern Italy	5	--	5.2
76 09 06	21 28 12	--	--	Northeastern Italy	--	--	--
76 09 07	11 08 16.3	46.23N	13.02E	Northeastern Italy	10	--	--
76 09 11	16 31 12	46.28N	13.15E	Northeastern Italy	16	--	5.2
76 09 11	16 35 00	--	--	Northeastern Italy	--	--	--
76 09 13	18 54 46.1	46.21N	13.17E	Northeastern Italy	10	--	3.9
76 09 15	03 15 19.9	46.30N	13.19E	Northeastern Italy	10	--	5.7
76 09 15	04 38 53	--	--	Northeastern Italy	--	--	--
80 11 23	18 34 53.8	40.91N	15.37E	Southern Italy	10	--	7.2
80 11 24	04 00 00	40.91N	15.37E	Southern Italy		--	
80 11 25	-- -- --	--	--	Southern Italy	--	--	--
80 11 26	-- -- --	--	--	Southern Italy	--	--	--
80 12 02	-- -- --	--	--	Southern Italy	--	--	--
81 01 06	01 37 36	--	--	Southern Italy	--	--	--
81 01 06	05 36 40	--	--	Southern Italy	--	--	--
81 01 06	07 31 14	--	--	Southern Italy	--	--	--
81 01 16	01 37 46.8	40.94N	15.37E	Southern Italy	15	--	4.7
81 01 16	05 36 51	--	--	Southern Italy	--	--	--
81 02 13	02 21 31	--	--	Southern Italy	--	--	--

Table 1. List of Earthquakes That Triggered Strong-Motion Records in Table 2 (Cont.)

Country/Date yr mo da	Origin time (UTC) hr mn sec	Epicentral Coordinates Latitude (deg)	Longitude (deg)	Region	Focal Depth (km)	Maximum Intensity	Richter Mag.
JAPAN							
56 02 14	00 52 54.0	35.70N	139.90E	Near South Coast of Honshu	45	4	6.0
56 09 29	23 20 53.0	35.50N	140.20E	Near East Coast of Honshu	70	4	6.9
62 04 23	05 58 --	42.23N	143.92E	Hokkaido	60	4	7.0
62 04 30	02 26 30.0	38.73N	141.13E	Near Northwest Coast of Honshu	35	4	6.5
63 03 26	21 34 38.5	35.90N	135.70E	Near N. Coast of Southern Honshu	16	5	5.3
63 05 08	10 22 --	36.40N	141.18E	Near Southeast Coast of Honshu	40	4	6.1
63 08 04	11 43 --	35.43N	140.35E	Near South Coast of Honshu	39	--	5.1
63 12 14	-- -- --	--	--	Southeastern Honshu	--	--	--
63 12 24	12 55 46.4	36.20N	139.70E	Near East Coast of Honshu	70	3	5.2
64 02 05	11 30 --	36.40N	141.07E	Near Southeast Coast of Honshu	60	4	6.0
64 06 16	04 01 44.3	38.35N	139.18E	Near West Coast of Honshu	40	5	7.5
64 11 14	03 56 --	33.60N	132.00E	Shikoku	70	3	5.3
65 04 19	23 42 --	34.88N	138.30E	Near South Coast of Honshu	40	4	6.1
65 10 25	22 34 --	43.73N	145.52E	Hokkaido	159	4	7.1
66 04 05	08 51 17.9	36.58N	138.32E	Honshu	4	4	5.4
66 04 17	01 22 --	36.53N	138.23E	Honshu	6	5	4.7
66 05 20	00 30 --	36.57N	138.22E	Honshu	6	5	4.9
66 05 28	05 21 --	36.57N	138.22E	Honshu	10	5	5.3
66 08 02	18 48 --	36.47N	138.29E	Honshu	3	--	5.3
66 08 28	04 09 --	36.47N	138.13E	Honshu	7	--	5.3
66 11 12	12 01 --	33.07N	130.27E	Honshu	20	--	5.5
67 11 19	12 07 --	36.43N	141.22E	Near East Coast of Honshu	48	4	6.0
68 03 29	19 04 --	34.12N	135.12E	Southern Honshu	18	4	5.0
68 04 01	00 42 04.2	32.50N	132.20E	Shikoku	30	5	7.5
68 05 16	00 48 55.4	40.73N	143.58E	Near East Coast of Honshu	20	6	7.9
68 05 16	10 39 01.6	41.42N	142.85E	Near East Coast of Honshu	40	5	7.5
68 05 17	23 17 12.4	40.33N	143.40E	Near East Coast of Honshu	30	2	5.1
68 05 22	19 29 25.7	40.25N	142.57E	Near East Coast of Honshu	50	3	6.3
68 06 12	13 41 50.7	39.42N	143.13E	Near East Coast of Honshu	31	4	7.2
68 07 01	10 45 11.9	35.98N	139.43E	Near South Coast of Honshu	67	4	6.1
68 07 05	11 28 12.6	38.43N	142.22E	Near East Coast of Honshu	43	4	6.4
68 08 05	16 17 04.8	33.30N	132.38E	Shikoku	40	5	6.6
68 08 07	08 00 13.4	42.97N	144.97E	Hokkaido	60	4	5.7
68 10 08	00 50 41.8	35.52N	140.15E	Near South Coast of Honshu	76	4	5.3
68 11 13	18 41 47.9	40.15N	142.78E	Near East Coast of Honshu	49	3	6.0
69 04 21	07 19 27.5	32.15N	132.12E	Kyushu	39	4	6.5
69 09 09	05 15 37.7	35.78N	137.06E	Southern Honshu	29	5	6.6
70 01 20	17 33 05.4	42.38N	143.13E	Hokkaido	25	5	6.7
70 04 01	14 23 25.1	39.75N	142.05E	Honshu	75	4	5.8
70 07 25	22 41 10.7	32.07N	132.03E	Kyushu	47	5	6.7
70 07 26	07 10 --	32.12N	132.10E	Shikoku	47	4	6.1
71 01 04	28 08 53.4	34.43N	137.17E	Near South Coast of Honshu	40	4	6.1
71 02 25	19 27 --	37.13N	138.35E	Central Honshu	37	4	5.5
71 06 13	04 06 --	36.23N	140.97E	Near West Coast of Honshu	55	4	5.3
71 08 02	07 25 --	41.23N	143.70E	Near South Coast of Honshu	45	4	7.0
71 10 11	10 16 14.7	35.90N	140.55E	Honshu	40	4	5.2
72 02 29	09 22 59.8	33.18N	141.27E	Near South Coast of Honshu	50	5	7.1
72 05 11	00 44 58.1	42.60N	144.93E	Near East Coast of Honshu	60	4	5.8
73 06 17	03 55 02.9	42.97N	145.95E	Near East Coast of Honshu	41	5	7.7
73 11 19	13 02 --	38.88N	142.15E	Near East Coast of Honshu	56	4	6.4
74 03 03	04 50 48.9	35.57N	140.88E	Near East Coast of Honshu	46	4	6.1
74 07 08	05 45 37.0	36.42N	141.20E	Near East Coast of Honshu	35	4	6.3
74 09 04	09 20 02.5	40.18N	141.93E	Near East Coast of Honshu	55	4	5.6
74 11 08	21 23 21.8	42.48N	141.78E	Hokkaido	132	5	6.5
74 11 15	23 32 42.1	35.75N	141.25E	Near East Coast of Honshu	44	4	6.1

Table 1. List of Earthquakes That Triggered Strong-Motion Records in Table 2 (Cont.)

Country/Date yr mo da	Origin time (UTC) hr mn sec	Epicentral Coordinates Latitude (deg)	Longitude (deg)	Region	Focal Depth (km)	Maximum Intensity	Richter Mag.
JAPAN (CONT.)							
75 04 20	17 35 50.4	33.13N	131.33E	Kyushu	7	4	6.4
78 06 12	08 14 --	38.15N	142.17E	Near East Coast of Honshu	40	--	7.4
MEXICO							
38 06 06	02 42 --	32.20N	115.20W	Baja California	33	--	--
54 11 12	12 26 47.0	31.50N	116.00W	Baja California	16	5	6.3
56 02 09	15 24 56	31.75N	115.92W	Baja California	--	5	6.1
56 02 09	14 32 38.0	31.75N	115.91W	Baja California	16	6	6.8
66 08 07	17 36 --	31.80N	114.50W	Gulf of California	16	5	6.3
73 01 30	21 01 12.5	18.48N	102.99W	Michoacan	43	--	7.5
78 03 11	23 57 46.8	32.26N	115.12W	Mexicali Valley	5	--	4.8
78 03 12	00 30 15.7	32.23N	115.14W	Mexicali Valley	5	--	4.5
78 03 12	18 42 24.0	32.25N	115.11W	Mexicali Valley	--	--	--
79 10 10	19 48 36.7	32.30N	115.32W	Mexicali Valley	--	--	4.1
79 10 15	23 16 54.5	32.63N	115.33W	Imperial Valley	12	--	6.6
79 10 15	23 19 29.9	32.78N	115.45W	Mexicali Valley	--	--	4.8
79 12 21	20 40 25.3	32.78N	115.38W	Mexicali Valley	5	6	4.8
80 06 09	03 28 18.9	32.22N	114.98W	Mexicali Valley	5	5	6.1
80 06 09	03 30 28.1	--	--	Mexicali Valley	--	--	--
80 06 09	10 00 --	32.18N	115.08W	Mexicali Valley	--	--	--
80 06 09	22 33 41.0	32.38N	112.23W	Mexicali Valley	--	--	4.3
NICARAGUA							
68 01 04	10 03 56.5	12.10N	86.30W	Managua	5	7	4.6
72 01 03	04 31 04.8	12.31N	86.30W	Managua	33	--	4.1
72 01 05	11 52 26.9	12.28N	86.23W	Managua	33	--	4.2
72 12 23	06 29 42.5	12.35N	86.11W	Managua	5	9	5.6
72 12 23	07 19 49.0	12.00N	86.18W	Managua	5	--	5.2
73 03 31	20 13 --	12.10N	86.30W	Managua	5	--	4.0
PAPUA NEW GUINEA							
67 11 14	05 28 36.9	5.43S	147.07E	East New Guinea Region	201	--	6.4
68 04 28	20 22 05	5.50S	146.30E	East New Guinea Region	39	--	5.6
68 06 03	09 17 46	5.44S	146.95E	East New Guinea Region	190	--	5.6
68 06 17	17 49 44	6.27S	146.58E	East New Guinea Region	110	--	5.1
68 09 16	13 55 56	6.06S	148.67E	East New Guinea Region	59	--	5.8
69 01 07	01 14 14	6.19S	146.44E	East New Guinea Region	97	--	5.3
69 03 10	06 54 16	5.58S	147.21E	East New Guinea Region	206	--	5.8
69 06 24	03 29 17	5.82S	146.77E	East New Guinea Region	113	--	5.6
69 08 02	04 34 35	6.58S	146.92E	East New Guinea Region	17	4	5.3
69 08 03	00 22 32	4.24S	153.01E	New Britain	65	5	5.6
69 08 23	01 45 20	--	--	East New Guinea Region	--	--	--
69 09 07	08 40 34.3	6.55S	155.76E	Solomon Islands	173	4	5.6
70 03 28	07 45 59.9	6.26S	154.63E	Solomon Islands	63	5	6.1
70 05 13	07 14 01	5.89S	146.74E	East New Guinea Region	118	--	5.2
70 10 31	17 53 09.3	4.93S	145.07E	Near North Coast of New Guinea	42	6	7.1
70 11 12	06 07 12	5.05S	145.06E	Near North Coast of New Guinea	15	4	6.5
71 02 12	19 06 53	6.24S	146.47E	East New Guinea Region	113	5	5.7
71 02 13	22 09 39	6.02S	146.24E	Near North Coast of New Guinea	101	4	5.4
71 03 13	19 12 25	5.72S	145.36E	Near North Coast of New Guinea	118	4	6.3
71 07 14	06 11 29	5.47S	153.88E	Solomon Islands	47	6	7.9

Table 1. List of Earthquakes That Triggered Strong-Motion Records in Table 2 (Cont.)

Country/Date yr mo da	Origin time (UTC) hr mn sec	Epicentral Coordinates Latitude (deg)	Longitude (deg)	Region	Focal Depth (km)	Maximum Intensity	Richter Mag.
PAPUA NEW GUINEA (CONT.)							
71 07 19	14 48 42	4.88S	144.50E	New Guinea Region	74	4	5.5
71 07 26	01 23 21	4.94S	153.17E	Solomon Islands	48	6	7.9
71 08 07	20 12 51	--	--	New Guinea Region	--	--	--
71 09 14	05 20 29	6.47S	151.52E	New Britain	33	4	6.3
71 09 25	04 36 14	6.54S	146.57E	East New Guinea Region	115	7	6.3
71 10 14	13 08 05	4.28S	152.49E	New Britain	25	6	5.5
71 10 28	06 26 04	--	--	New Guinea Region	--	--	--
72 01 18	21 55 15	4.78S	145.03E	East New Guinea Region	33	--	6.6
72 01 19	15 00 54	4.70S	144.97E	East New Guinea Region	33	3	6.4
72 01 20	09 29 48.9	6.93S	147.29E	East New Guinea Region	28	--	4.9
72 09 16	04 15 09.0	9.50S	148.70E	East New Guinea Region	04	6	5.3
72 10 28	02 27 10.1	7.30S	146.70E	East New Guinea Region	02	4	6.0
72 11 05	20 08 03	5.36S	146.67E	East New Guinea Region	230	--	5.5
73 03 22	17 18 02	6.09S	147.03E	East New Guinea Region	101	5	5.1
73 08 13	08 28 19.7	4.47S	144.04E	Near North Coast of New Guinea	112	7	6.0
73 11 25	16 58 48	5.89S	145.57E	East New Guinea Region	116	--	5.0
74 03 02	23 12 00	--	--	New Britain	--	--	--
74 03 04	06 21 48	5.89S	147.07E	Near North Coast of New Guinea	76	3	5.0
74 03 25	18 01 18.5	6.05S	146.10E	Near North Coast of New Guinea	114	5	5.4
74 09 20	21 20 12.3	6.20S	146.10E	Solomon Islands	111	6	6.5
PEOPLE'S REPUBLIC OF CHINA							
76 07 27	19 42 54.6	39.57N	117.98E	Beijing	23	--	8.0
76 07 28	10 45 35.2	39.66N	118.40E	Beijing	26	--	7.1
76 07 30	21 23 15.0	39.82N	118.33E	Tangshan	33	--	5.4
76 08 01	10 32 --	--	--	Tangshan	--	--	4.3
76 08 02	10 26 --	--	--	Tangshan	--	--	4.6
76 08 03	09 33 --	--	--	Tangshan	--	--	4.2
76 08 03	10 16 54.5	39.51N	117.84E	Tangshan	61	--	4.2
76 08 03	12 40 --	--	--	Tangshan	--	--	4.8
76 08 04	23 37 --	--	--	Tangshan	--	--	4.2
76 08 05	15 31 --	--	--	Tangshan	--	--	4.6
76 08 07	03 07 --	--	--	Tangshan	--	--	4.1
76 08 08	11 09 12.4	39.71N	118.51E	Tangshan	33	--	4.9
76 08 14	05 26 --	--	--	Tangshan	--	--	4.1
76 08 14	05 40 --	--	--	Tangshan	--	--	4.6
76 08 14	07 10 --	--	--	Tangshan	--	--	4.5
76 08 14	16 02 44.3	39.73N	118.64E	Tangshan	33	--	4.6
76 08 15	10 21 20.0	40.20N	118.24E	Tangshan	33	--	4.1
76 08 15	10 28 41.2	40.16N	118.27E	Tangshan	33	--	4.1
76 08 15	21 27 --	--	--	Tangshan	--	--	4.8
76 08 18	15 37 --	--	--	Tangshan	--	--	4.4
76 08 23	07 45 --	--	--	Tangshan	--	--	3.6
76 08 25	17 31 --	--	--	Tangshan	--	--	4.9
76 08 26	08 55 --	--	--	Tangshan	--	--	3.5
76 08 27	19 50 --	--	--	Tangshan	--	--	4.2
76 08 28	06 34 04.3	39.92N	118.84E	Tangshan	33	--	4.7
76 08 31	03 25 27.8	39.80N	118.86E	Tangshan	32	--	5.3
76 08 31	03 27 31.7	39.86N	118.54E	Tangshan	95	--	5.2
76 08 31	03 56 --	--	--	Tangshan	--	--	5.1
76 08 31	04 03 --	--	--	Tangshan	--	--	4.2
76 08 31	05 05 --	--	--	Tangshan	--	--	4.3
76 09 02	08 49 --	--	--	Tangshan	--	--	5.0
76 09 06	17 02 00.4	39.89N	118.73E	Tangshan	33	--	4.8

Table 1. List of Earthquakes That Triggered Strong-Motion Records in Table 2 (Cont.)

Country/Date yr mo da	Origin time (UTC) hr mn	sec	Epicentral Coordinates Latitude (deg)	Longitude (deg)	Region	Focal Depth (km)	Maximum Intensity	Richter Mag.
PEOPLE'S REPUBLIC OF CHINA (CONT.)								
76 09 06	20 02	--	--	--	Tangshan	--	--	5.0
76 09 25	11 50	26.0	39.94N	118.36E	Tangshan	35	--	5.0
76 09 28	23 13	00.3	39.87N	118.86E	Tangshan	33	--	4.9
76 09 30	20 05	--	--	--	Tangshan	--	--	5.0
76 11 15	13 53	00.6	39.44N	117.69E	Beijing	15	--	6.3
PERU								
51 01 31	16 39	18.0	12.00S	78.00W	Near West Coast of Peru	--	--	--
66 10 17	21 41	56.3	10.70S	78.70W	Near West Coast of Peru	38	9	7.5
70 05 31	20 23	27.3	9.20S	78.80W	Near West Coast of Peru	43	--	7.8
71 11 29	18 49	36.4	11.24S	77.75W	Near West Coast of Peru	54	--	5.3
74 01 05	08 33	50.7	12.29S	76.35W	Near West Coast of Peru	98	--	6.6
74 10 03	14 21	29.1	12.26S	77.79W	Near West Coast of Peru	13	7	7.6
74 11 09	12 59	49.8	12.50S	77.78W	Near West Coast of Peru	6	4	7.2
RUMANIA								
77 03 04	19 21	54.2	45.87N	26.75E	Bucharest	94	9	7.2
TAIWAN								
80 10 18	00 08	22.9	24.67N	121.74E	Northeastern Taiwan	8	--	5.7
80 11 14	13 37	04.0	24.67N	121.78E	Northeastern Taiwan	62	--	5.9
80 11 14	13 38	15.8	24.67N	121.75E	Northeastern Taiwan	59	--	5.6
81 01 24	14 10	31.8	24.67N	121.77E	Northeastern Taiwan	43	--	5.8
81 01 29	04 51	36.1	24.67N	121.77E	Northeastern Taiwan	11	--	6.9
81 02 27	02 27	33.9	24.67N	121.77E	Northeastern Taiwan	77	--	5.8
81 03 02	12 13	46.5	24.65N	121.77E	Northeastern Taiwan	10	--	6.8
81 03 10	08 24	51.2	24.67N	121.75E	Northeastern Taiwan	7	--	4.4
81 03 22	21 25	32.6	24.67N	121.77E	Northeastern Taiwan	11	--	3.8
81 05 03	19 19	51.3	24.67N	121.75E	Northeastern Taiwan	68	--	5.3
81 06 01	11 53	44.2	24.67N	121.78E	Northeastern Taiwan	1	--	5.3
81 08 20	19 03	28.1	24.67N	121.77E	Northeastern Taiwan	--	--	3.8
81 08 20	20 55	06.5	24.68N	121.77E	Northeastern Taiwan	--	--	3.8
81 08 30	18 54	53.6	24.67N	121.77E	Northeastern Taiwan	--	--	5.0
81 10 05	13 24	30.5	24.67N	121.78E	Northeastern Taiwan	4	--	3.4
82 01 23	14 10	39.8	24.67N	121.77E	Northeastern Taiwan	3	--	6.6
82 02 21	06 04	37.7	24.67N	121.75E	Northeastern Taiwan	1	--	4.5
82 02 28	13 23	32.1	24.65N	121.77E	Northeastern Taiwan	10	--	4.9
82 04 01	04 50	02.8	24.67N	121.75E	Northeastern Taiwan	8	--	4.9
82 12 17	02 43	03.6	24.68N	121.77E	Northeastern Taiwan	31	--	6.9
83 04 26	15 26	38.4	24.67N	121.75E	Northeastern Taiwan	97	--	6.6
83 05 10	00 15	03.7	24.67N	121.75E	Northeastern Taiwan	1	--	6.3
83 06 21	14 48	03.5	24.67N	121.77E	Northeastern Taiwan	15	--	6.8
83 06 24	09 06	42.9	24.67N	121.75E	Northeastern Taiwan	25	--	7.2
83 09 21	19 20	40.7	24.68N	121.77E	Northeastern Taiwan	18	--	7.1
UNITED STATES								
33 03 11	01 54	07.8	33.58N	117.98W	Southern California	16	9	6.3
33 10 02	09 10	17.6	33.78N	118.13W	Southern California	16	6	5.4
34 07 06	22 49	--	41.70N	124.60W	Near Coast of N. California	--	5	--
34 12 30	13 52	--	32.25N	115.50W	California-Mexico Border Region	16	9	6.5
35 10 31	18 37	49.0	46.60N	112.00W	Helena, MT	16	8	6.0
35 10 31	19 18	--	46.63N	111.97W	Helena, MT	--	3	--
35 11 22	03 58	--	46.60N	112.00W	Helena, MT	--	6	--
35 11 01	03 58	--	46.62N	111.97W	Helena, MT	--	6	--

Table 1. List of Earthquakes That Triggered Strong-Motion Records in Table 2 (Cont.)

Country/Date yr mo da	Origin time (UTC) hr mn sec	Epicentral Coordinates Latitude (deg)	Longitude (deg)	Region	Focal Depth (km)	Maximum Intensity	Richter Mag.
UNITED STATES (CONT.)							
35 11 28	14 41 54.0	46.60N	112.00W	Helena, MT	--	6	--
37 02 07	04 41 34.0	40.50N	125.25W	Ferndale, CA	--	5	--
38 04 12	16 24 --	32.90N	115.60W	Imperial Valley, CA	16	6	3.0
38 06 06	12 35 --	32.25N	115.17W	Imperial Valley, CA	16	5	3.0
38 09 12	06 10 43.0	40.25N	124.80W	Off Cape Mendocino, CA	--	6	5.5
40 05 19	04 37 28.5	32.74N	115.50W	Imperial Valley, CA	16	10	7.1
40 05 19	04 38 24.0	--	--	Imperial Valley, CA	--	--	--
40 05 19	04 38 41.5	--	--	Imperial Valley, CA	--	--	--
40 05 19	04 39 05.0	--	--	Imperial Valley, CA	--	--	--
40 05 19	04 39 34.0	--	--	Imperial Valley, CA	--	--	--
40 05 19	04 40 23.0	--	--	Imperial Valley, CA	--	--	--
40 05 19	04 41 02.0	--	--	Imperial Valley, CA	--	--	--
40 05 19	04 41 42.5	--	--	Imperial Valley, CA	--	--	--
40 05 19	04 42 13.0	--	--	Imperial Valley, CA	--	--	--
41 02 09	09 44 04.0	40.90N	125.40W	Off Cape Mendocino, CA	--	6	6.6
41 07 01	07 50 54.8	34.36N	119.58W	Santa Barbara, CA	16	8	5.9
41 10 03	16 13 08.0	40.60N	124.60W	Off Cape Mendocino, CA	--	7	6.4
41 11 14	08 41 36.3	33.78N	118.25W	Los Angeles, CA	16	8	5.4
42 10 21	16 22 13.0	32.96N	116.00W	Imperial Valley, CA	16	7	6.5
49 03 09	12 28 39.0	37.02N	121.48W	Hollister, CA	--	7	5.3
49 04 13	19 55 41.0	47.25N	122.50W	Seattle, WA	--	8	7.0
51 01 24	07 17 02.6	33.10N	115.60W	Imperial Valley, CA	16	7	5.6
51 10 08	04 10 35.0	40.25N	124.80W	Off Cape Mendocino, CA	--	7	6.0
52 07 21	11 52 14.0	35.00N	119.01W	Kern County, CA	16	11	7.7
52 07 23	-- -- --	35.30N	118.65W	Kern County, CA	--	--	--
52 09 22	11 41 25.0	40.20N	124.42W	Cape Mendocino Area, CA	--	7	5.4
52 11 22	07 46 37.0	35.80N	121.20W	San Luis Obispo, CA	--	7	6.0
53 06 14	04 17 29.9	32.80N	115.71W	Imperial Valley, CA	6	7	5.5
54 01 12	23 33 49	35.00N	119.02W	Wheeler Ridge, CA	--	8	5.9
54 04 25	20 33 28.0	36.93N	121.68W	Watsonville-Hollister Area, CA	--	8	5.3
54 12 21	19 56 29.0	40.78N	124.10W	Eureka-Arcata Area, CA	--	7	6.6
55 09 05	02 01 18.0	37.37N	121.78W	San Jose, CA	--	7	5.8
55 12 17	05 17 19	33.00N	115.50W	Imperial Valley, CA	16	--	4.3
55 12 17	05 42 --	33.00N	115.50W	Imperial Valley, CA	--	--	3.9
55 12 17	06 07 29.0	33.00N	115.50W	Imperial Valley, CA	16	7	5.4
57 03 18	18 56 28.0	34.11N	119.21W	Oxnard, CA	14	6	4.7
57 03 22	19 44 21.0	37.67N	122.48W	San Francisco, CA	--	7	5.3
57 03 22	23 14 35	37.65N	122.45W	San Francisco, CA	--	5	4.4
57 03 23	00 26 55	37.65N	122.48W	Daly City, CA	--	5	4.0
60 01 20	03 25 53	36.78N	121.43W	Hollister, CA	--	6	5.1
60 06 06	01 17 48	40.80N	124.90W	West of Arcata, CA	--	6	5.7
61 04 09	07 23 16.0	36.68N	121.30W	Hollister, CA	--	7	5.6
62 09 04	17 17 26.0	41.00N	124.20W	Northwest of Arcata, CA	--	6	5.0
65 04 29	15 28 43.3	47.40N	122.30W	Seattle, WA	--	8	6.5
65 07 16	07 46 21.5	34.40N	118.60W	Southern California	15	6	4.5
66 06 28	04 26 13.6	35.90N	120.90W	Parkfield, CA	--	7	5.5
66 09 12	16 41 01.7	39.40N	120.10W	Lake Tahoe Area, CA	--	7	6.3
67 12 10	12 06 50.3	40.50N	124.70W	Off Cape Mendocino, CA	6	6	5.8
67 12 18	17 24 31.9	37.00N	121.80W	Hollister, CA	--	6	5.2
68 04 09	02 28 29.0	33.18N	116.11W	Salton Sea Area, CA	11	7	6.4
70 09 12	14 30 53.0	34.26N	117.53W	Lytle Creek, CA	--	7	5.4
71 02 09	14 00 41.8	34.40N	118.40W	San Fernando Area, CA	8	11	6.5
71 03 08	23 08 07.7	35.70N	118.40W	Kernville, CA	6	5	4.1
71 05 02	06 08 27.3	51.40N	177.20W	Adak, AK	43	4	7.1
71 09 12	19 32 38.0	41.30N	123.66W	Arcata, CA	20	5	4.6

Table 1. List of Earthquakes That Triggered Strong-Motion Records in Table 2 (Cont.)

Country/Date yr mo da	Origin time (UTC) hr mn sec	Epicentral Coordinates Latitude (deg)	Longitude (deg)	Region	Focal Depth (km)	Maximum Intensity	Richter Mag.
UNITED STATES (CONT.)							
72 07 30	21 45 14.1	56.82N	135.68W	Sitka, AK	25	7	7.6
72 09 04	18 04 40.3	36.64N	121.26W	Salinas Area, CA	2	6	4.9
73 04 26	20 26 28.0	19.93N	155.10W	Honolulu, HI	50	8	6.2
74 11 28	23 01 24.8	36.91N	121.49W	San Juan Bautista, CA	9	6	5.2
75 01 01	03 55 12.0	61.90N	149.70W	Southern Alaska	66	5	5.9
75 01 12	01 37 17.2	40.22N	124.26W	Cape Mendocino, CA	2	6	4.7
75 05 07	02 35 28.6	40.37N	124.81W	Off Cape Mendocino, CA	24	2	4.5
75 06 07	08 46 22.4	40.57N	124.14W	Cape Mendocino, CA	21	7	5.7
75 06 07	11 01 33.2	40.31N	124.07W	Ferndale, CA	33	--	3.6
75 06 13	22 40 27.0	36.53N	89.66W	New Madrid, MO	9	6	4.3
75 08 01	20 20 12.9	39.43N	121.52W	Oroville, CA	15	8	5.8
75 08 02	20 22 16.3	39.45N	121.46W	Oroville, CA	4	3	5.1
75 08 02	20 58 55.7	39.43N	121.47W	Oroville, CA	5	--	3.8
75 08 03	01 03 05.8	39.49N	121.52W	Oroville, CA	8	3	4.6
75 08 03	02 47 08.8	39.48N	121.50W	Oroville, CA	7	3	4.1
75 08 05	02 28 57.4	39.42N	121.49W	Oroville, CA	7	--	3.3
75 08 06	03 50 29.9	39.48N	121.52W	Oroville, CA	7	5	4.7
75 08 06	16 41 52.1	39.50N	121.53W	Oroville, CA	8	--	3.6
75 08 08	07 00 50.1	39.50N	121.51W	Oroville, CA	8	4	4.9
75 08 11	06 11 36.3	39.45N	121.48W	Oroville, CA	4	6	4.8
75 08 11	15 59 05.3	39.47N	121.55W	Oroville, CA	6	--	3.6
75 08 16	05 48 09.4	39.47N	121.52W	Oroville, CA	9	3	4.0
75 08 16	20 23 --	--	--	Oroville, CA	--	--	--
75 09 26	02 31 07.1	39.50N	121.50W	Oroville, CA	11	2	4.0
75 09 27	22 34 38.1	39.51N	121.54W	Oroville, CA	8	5	4.6
75 11 29	13 35 41.0	19.35N	155.06W	Honokaa, HI	5	6	5.8
75 11 29	14 47 40.3	19.34N	155.03W	Honokaa, HI	5	8	7.2
76 03 25	00 41 20.5	35.59N	90.48W	Northeast Arkansas	15	6	4.9
76 03 25	01 00 11.9	35.59N	90.48W	Northeast Arkansas	--	--	--
78 03 26	00 27 04.8	39.21N	123.17W	Ukiah, CA	9	6	4.9
78 08 13	22 54 52.4	34.37N	119.72W	Santa Barbara, CA	12	7	5.6
78 08 27	10 23 --	34.31N	81.33W	Jenkinsville, SC	--	--	--
79 02 28	21 27 06.1	60.64N	141.59W	Southern Alaska	15	7	7.3
79 08 06	17 05 22.7	37.10N	121.50W	Gilroy, CA	6	7	5.9
79 10 16	07 16 54.5	32.63N	115.33W	Imperial Valley, CA	12	9	6.9
79 10 16	07 06 --	34.31N	81.33W	Jenkinsville, SC	--	--	--
80 01 24	19 00 09.7	37.83N	121.79W	Livermore, CA	8	7	5.9
80 01 27	02 33 36.2	37.75N	121.71W	Livermore, CA	10	7	5.4
80 05 25	12 36 45.5	37.60N	118.80W	Convict Creek, CA	--	--	--
80 05 25	16 33 44.2	37.59N	118.85W	Mammoth Lakes, CA	8	7	6.1
80 05 25	16 49 26.2	37.62N	118.90W	Mammoth Lakes, CA	1	5	6.0
80 05 25	19 44 51.0	37.54N	118.84W	Mammoth Lakes, CA	13	7	6.1
80 05 25	20 35 48.0	37.61N	118.86W	Mammoth Lakes, CA	5	3	5.7
80 05 26	18 57 55.9	37.54N	118.89W	Convict Creek, CA	8	3	5.7
80 05 27	07 51 02.0	37.60N	118.80W	Benton, CA	--	--	--
80 05 27	14 50 56.6	37.49N	118.83W	Mammoth Lakes, CA	8	6	5.7
81 04 26	12 09 28.4	33.10N	115.63W	Imperial Valley, CA	4	7	5.7
83 05 02	23 42 37.7	36.22N	120.32W	Coalinga, CA	10	8	6.5
83 05 09	02 49 11.2	36.23N	120.31W	Coalinga, CA	13	6	5.1
83 07 22	02 39 54.1	36.24N	120.40W	Coalinga, CA	7	6	6.0
84 04 24	21 15 18.8	37.32N	121.67W	Morgan Hill, CA	--	7	6.1
U.S.S.R.							
76 05 17	02 58 40.6	40.40N	63.50E	Gazli, S.S.R.	10	9	7.0

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC

[See Appendix 1 for additional information on instruments; see Appendix 5 for explanation of abbreviations used in "Station location" column. UTC = Universal Time Coordinated; gal = galileo (= cm/s/s).]

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
CHILE									
UNIV OF CHILE, SANTIAGO	33.47S	070.67W	650315 05					S-M	V
UNIV OF CHILE, SANTIAGO	33.47S	070.67W	670926					S-M	N10W
UNIV OF CHILE, SANTIAGO	33.47S	070.67W	670926					S-M	S80W
UNIV OF CHILE, SANTIAGO	33.47S	070.67W	710708 22	119				S-M	N10W
UNIV OF CHILE, SANTIAGO	33.47S	070.67W	710708 22	119				S-M	S80W
EL SALVADOR									
SAN SALVADOR, SEISMO OBSV	13.70N	089.20W	671118 22	22				S-MD	EW
SAN SALVADOR, SEISMO OBSV	13.70N	089.20W	671118 22	22				S-MD	NS
SAN SALVADOR, SEISMO OBSV	13.70N	089.20W	671118 22	22				S-MD	V
ITALY									
TOLMEZZO	46.38N	012.97E	760506 19	27	75.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760506 19	27	100.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760506 19	27	26.00			SMA-1	V
ASIAGO	45.86N	011.48E	760506 20	162	23.00			SMA-1	EW
ASIAGO	45.86N	011.48E	760506 20	162	19.00			SMA-1	NS
ASIAGO	45.86N	011.48E	760506 20	162	4.00			SMA-1	V
BARCIS	46.18N	012.60E	760506 20	71	30.00			SMA-1	EW
BARCIS	46.18N	012.60E	760506 20	71	31.00			SMA-1	NS
BARCIS	46.18N	012.60E	760506 20	71	9.00			SMA-1	V
CASTELFRANCO	45.65N	011.92E	760506 20	150	20.00			SMA-1	EW
CASTELFRANCO	45.65N	011.92E	760506 20	150	31.00			SMA-1	NS
CASTELFRANCO	45.65N	011.92E	760506 20	150	1.00			SMA-1	V
CODROIPO	45.96N	012.98E	760506 20	75	87.00			SMA-1	EW
CODROIPO	45.96N	012.98E	760506 20	75	53.00			SMA-1	NS
CODROIPO	45.96N	012.98E	760506 20	75	38.00			SMA-1	V
CONEGLIANO	45.90N	012.33E	760506 20	108	52.00			SMA-1	EW
CONEGLIANO	45.90N	012.33E	760506 20	108	49.00			SMA-1	NS
CONEGLIANO	45.90N	012.33E	760506 20	108	31.00			SMA-1	V
CORTINA	46.52N	012.11E	760506 20	91	17.00			SMA-1	EW
CORTINA	46.52N	012.11E	760506 20	91	13.00			SMA-1	NS
CORTINA	46.52N	012.11E	760506 20	91	11.00			SMA-1	V
FELTRE	46.00N	011.97E	760506 20	122	41.00			SMA-1	EW
FELTRE	46.00N	011.97E	760506 20	122	46.00			SMA-1	NS
FELTRE	46.00N	011.97E	760506 20	122	26.00			SMA-1	V
MALCESINE	45.85N	010.84E	760506 20	207	27.00			SMA-1	EW
MALCESINE	45.85N	010.84E	760506 20	207	26.00			SMA-1	NS
MALCESINE	45.85N	010.84E	760506 20	207	15.00			SMA-1	V
MONSELICE	45.85N	010.84E	760506 20	207	14.00			SMA-1	EW
MONSELICE	45.85N	010.84E	760506 20	207	15.00			SMA-1	NS
MONSELICE	45.85N	010.84E	760506 20	207	10.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760506 20	35	260.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760506 20	35	367.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760506 20	35	277.00			SMA-1	V
TREGNAGO	46.38N	012.97E	760506 20	35	30.00			SMA-1	EW
TREGNAGO	46.38N	012.97E	760506 20	35	18.00			SMA-1	NS
TREGNAGO	46.38N	012.97E	760506 20	35	19.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760507 00	34	51.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760507 00	34	128.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760507 00	34	56.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760507 13	12	20.00			SMA-1	EW

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
ITALY (CONT.)									
TOLMEZZO	46.38N	012.97E	760507 13	12	20.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760507 13	12	5.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760508 03	16	35.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760508 03	16	46.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760508 03	16	9.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760509 00	26	37.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760509 00	26	43.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760509 00	26	26.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760509 00	22	35.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760509 00	22	41.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760509 00	22	22.00			SMA-1	V
MAJANO	46.17N	013.05E	760509 00	26	48.00			SMA-1	EW
MAJANO	46.17N	013.05E	760509 00	26	84.00			SMA-1	NS
MAJANO	46.17N	013.05E	760509 00	26	29.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760510 04	23	29.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760510 04	23	31.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760510 04	23	14.00			SMA-1	V
MAJANO	46.17N	013.05E	760510 04	21	38.00			SMA-1	EW
MAJANO	46.17N	013.05E	760510 04	21	48.00			SMA-1	NS
MAJANO	46.17N	013.05E	760510 04	21	14.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760511 22	12	308.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760511 22	12	190.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760511 22	12	168.00			SMA-1	V
MAJANO	46.17N	013.05E	760511 22	15	82.00			SMA-1	EW
MAJANO	46.17N	013.05E	760511 22	15	75.00			SMA-1	NS
MAJANO	46.17N	013.05E	760511 22	15	101.00			SMA-1	V
TARCENTO	46.20N	013.22E	760511 22	15	77.00			SMA-1	EW
TARCENTO	46.20N	013.22E	760511 22	15	36.00			SMA-1	NS
TARCENTO	46.20N	013.22E	760511 22	15	15.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760511 22	12	7.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760511 22	12	26.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760511 22	12	18.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760513 13	2	66.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760513 13	2	74.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760513 13	2	61.00			SMA-1	V
TARCENTO	46.20N	013.22E	760513 13	19	18.00			SMA-1	EW
TARCENTO	46.20N	013.22E	760513 13	19	19.00			SMA-1	NS
TARCENTO	46.20N	013.22E	760513 13	19	12.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760513 13	14	13.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760513 13	14	19.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760513 13	14	15.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760515 04	22	28.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760515 04	22	15.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760515 04	22	10.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760518 01	9	62.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760518 01	9	59.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760518 01	9	42.00			SMA-1	V
S. ROCCO	46.22N	012.98E	760518 01	9	49.00			SMA-1	EW
S. ROCCO	46.22N	012.98E	760518 01	9	39.00			SMA-1	NS
S. ROCCO	46.22N	012.98E	760518 01	9	30.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760518 02	3	26.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760518 02	3	23.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760518 02	3	22.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760601 04	6	8.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760601 04	6	14.00			SMA-1	NS

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
ITALY (CONT.)									
FORGARIA-CORNINO	46.22N	012.98E	760601 04	6	9.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760601 17	6	25.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760601 17	6	27.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760601 17	6	16.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760601 17	12	16.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760601 17	12	9.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760601 17	12	9.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760601 17	14	21.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760601 17	14	19.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760601 17	14	8.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760608 12	32	44.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760608 12	32	47.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760608 12	32	28.00			SMA-1	V
MAJANO	46.18N	013.07E	760608 12	30	71.00			SMA-1	EW
MAJANO	46.18N	013.07E	760608 12	30	11.00			SMA-1	EW
MAJANO	46.18N	013.07E	760608 12	30	20.00			SMA-1	NS
MAJANO	46.18N	013.07E	760608 12	30	50.00			SMA-1	NS
MAJANO	46.18N	013.07E	760608 12	30	14.00			SMA-1	V
MAJANO	46.18N	013.07E	760608 12	30	12.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760609 18	4	64.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760609 18	4	72.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760609 18	4	45.00			SMA-1	V
MAJANO	46.18N	013.07E	760609 18	10	34.00			SMA-1	EW
MAJANO	46.18N	013.07E	760609 18	10	9.00			SMA-1	EW
MAJANO	46.18N	013.07E	760609 18	10	13.00			SMA-1	NS
MAJANO	46.18N	013.07E	760609 18	10	35.00			SMA-1	NS
MAJANO	46.18N	013.07E	760609 18	10	9.00			SMA-1	V
MAJANO	46.18N	013.07E	760609 18	10	14.00			SMA-1	V
MAJANO PRATO	46.18N	013.07E	760609 18	10	12.00			SMA-1	EW
MAJANO PRATO	46.18N	013.07E	760609 18	10	15.00			SMA-1	NS
MAJANO PRATO	46.18N	013.07E	760609 18	10	14.00			SMA-1	V
S. ROCCO	46.22N	012.98E	760609 18	4	38.00			SMA-1	EW
S. ROCCO	46.22N	012.98E	760609 18	4	32.00			SMA-1	NS
S. ROCCO	46.22N	012.98E	760609 18	4	13.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760609 18	8	12.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760609 18	8	15.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760609 18	8	10.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760609 18	13	31.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760609 18	13	29.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760609 18	13	34.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760609 18	13	12.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760610 13	4	13.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760610 13	4	11.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760610 13	4	8.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760611 17	4	89.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760611 17	4	100.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760611 17	4	56.00			SMA-1	V
MAJANO ASCENSORE	46.18N	013.07E	760611 17	11	57.00			SMA-1	EW
MAJANO ASCENSORE	46.18N	013.07E	760611 17	11	42.00			SMA-1	NS
MAJANO ASCENSORE	46.18N	013.07E	760611 17	11	34.00			SMA-1	V
MAJANO PIANO TERRA	46.18N	013.07E	760611 17	11	15.00			SMA-1	EW
MAJANO PIANO TERRA	46.18N	013.07E	760611 17	11	18.00			SMA-1	NS
MAJANO PIANO TERRA	46.18N	013.07E	760611 17	11	15.00			SMA-1	V
MAJANO PRATO	46.18N	013.07E	760611 17	11	18.00			SMA-1	EW
MAJANO PRATO	46.18N	013.07E	760611 17	11	23.00			SMA-1	NS

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
ITALY (CONT.)									
MAJANO PRATO	46.18N	013.07E	760611 17	11	18.00			SMA-1	V
S. ROCCO	46.22N	012.98E	760611 17	4	35.00			SMA-1	EW
S. ROCCO	46.22N	012.98E	760611 17	4	69.00			SMA-1	NS
S. ROCCO	46.22N	012.98E	760611 17	4	31.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760611 17	9	24.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760611 17	9	16.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760611 17	9	7.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760611 17	13	21.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760611 17	13	19.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760611 17	13	28.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760611 17	13	30.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760611 17	13	10.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760611 17	13	11.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760617 14	11	53.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760617 14	11	49.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760617 14	11	29.00			SMA-1	V
MAJANO ASCENSORE	46.18N	013.07E	760617 14	11	75.00			SMA-1	EW
MAJANO ASCENSORE	46.18N	013.07E	760617 14	11	85.00			SMA-1	NS
MAJANO ASCENSORE	46.18N	013.07E	760617 14	11	13.00			SMA-1	V
MAJANO PIANO TERRA	46.18N	013.07E	760617 14	11	15.00			SMA-1	EW
MAJANO PIANO TERRA	46.18N	013.07E	760617 14	11	19.00			SMA-1	NS
MAJANO PIANO TERRA	46.18N	013.07E	760617 14	11	13.00			SMA-1	V
MAJANO PRATO	46.18N	013.07E	760617 14	11	18.00			SMA-1	EW
MAJANO PRATO	46.18N	013.07E	760617 14	11	7.00			SMA-1	NS
MAJANO PRATO	46.18N	013.07E	760617 14	11	10.00			SMA-1	V
SOMPLAGO PIANO TURBINE	46.33N	013.05E	760617 14		3.00			SMA-1	EW
SOMPLAGO PIANO TURBINE	46.33N	013.05E	760617 14		5.00			SMA-1	NS
SOMPLAGO PIANO TURBINE	46.33N	013.05E	760617 14		3.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760617 14		9.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760617 14		5.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760617 14		8.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760617 14	13	10.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760617 14	13	10.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760617 14	13	9.00			SMA-1	V
MAJANO ASCENSORE	46.18N	013.07E	760626 11	5	19.00			SMA-1	EW
MAJANO ASCENSORE	46.18N	013.07E	760626 11	5	19.00			SMA-1	NS
MAJANO ASCENSORE	46.18N	013.07E	760626 11	5	19.00			SMA-1	V
MAJANO PIANO TERRA	46.18N	013.07E	760626 11	5	6.00			SMA-1	EW
MAJANO PIANO TERRA	46.18N	013.07E	760626 11	5	7.00			SMA-1	NS
MAJANO PIANO TERRA	46.18N	013.07E	760626 11	5	5.00			SMA-1	V
MAJANO PRATO	46.18N	013.07E	760626 11	5	10.00			SMA-1	EW
MAJANO PRATO	46.18N	013.07E	760626 11	5	8.00			SMA-1	NS
MAJANO PRATO	46.18N	013.07E	760626 11	5	9.00			SMA-1	V
SOMPLAGO PIANO TURBINE	46.33N	013.05E	760626 11	19	6.00			SMA-1	EW
SOMPLAGO PIANO TURBINE	46.33N	013.05E	760626 11	19	8.00			SMA-1	NS
SOMPLAGO PIANO TURBINE	46.33N	013.05E	760626 11	19	8.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760626 11	19	10.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760626 11	19	10.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760626 11	19	11.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760626 11	26	17.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760626 11	26	13.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760626 11	26	47.00			SMA-1	V
MAJANO ASCENSORE	46.18N	013.07E	760714 05	17	23.00			SMA-1	EW
MAJANO ASCENSORE	46.18N	013.07E	760714 05	17	22.00			SMA-1	NS
MAJANO ASCENSORE	46.18N	013.07E	760714 05	17	10.00			SMA-1	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.).

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
ITALY (CONT.)									
MAJANO PIANO TERRA	46.18N	013.07E	760714 05	17	10.00			SMA-1	EW
MAJANO PIANO TERRA	46.18N	013.07E	760714 05	17	9.00			SMA-1	NS
MAJANO PIANO TERRA	46.18N	013.07E	760714 05	17	7.00			SMA-1	V
MAJANO PRATO	46.18N	013.07E	760714 05	17	8.00			SMA-1	EW
MAJANO PRATO	46.18N	013.07E	760714 05	17	11.00			SMA-1	NS
MAJANO PRATO	46.18N	013.07E	760714 05	17	6.00			SMA-1	V
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760714 05	19	10.00			SMA-1	EW
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760714 05	19	11.00			SMA-1	NS
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760714 05	19	6.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760714 05	19	17.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760714 05	19	8.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760714 05	19	13.00			SMA-1	V
TARCENTO	46.20N	013.22E	760714 05	5	66.00			SMA-1	EW
TARCENTO	46.20N	013.22E	760714 05	5	75.00			SMA-1	NS
TARCENTO	46.20N	013.22E	760714 05	5	33.00			SMA-1	V
TARCENTO	46.20N	013.22E	760715 12	1	45.00			SMA-1	EW
TARCENTO	46.20N	013.22E	760715 12	1	33.00			SMA-1	NS
TARCENTO	46.20N	013.22E	760715 12	1	21.00			SMA-1	V
BUIA	46.22N	013.08E	760906 19	5	20.00			SMA-1	EW
BUIA	46.22N	013.08E	760906 19	5	32.00			SMA-1	NS
BUIA	46.22N	013.08E	760906 19	5	21.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760906 19	10	10.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760906 19	10	8.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760906 19	10	4.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760906 21		22.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760906 21		21.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760906 21		18.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760907 11	3	24.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760907 11	3	33.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760907 11	3	19.00			SMA-1	V
MAJANO ASCENSORE	46.18N	013.07E	760907 11	6	29.00			SMA-1	EW
MAJANO ASCENSORE	46.18N	013.07E	760907 11	6	29.00			SMA-1	NS
MAJANO ASCENSORE	46.18N	013.07E	760907 11	6	15.00			SMA-1	V
MAJANO PIANO TERRA	46.18N	013.07E	760907 11	6	9.00			SMA-1	EW
MAJANO PIANO TERRA	46.18N	013.07E	760907 11	6	9.00			SMA-1	NS
MAJANO PIANO TERRA	46.18N	013.07E	760907 11	6	10.00			SMA-1	V
MAJANO PRATO	46.18N	013.07E	760907 11	6	10.00			SMA-1	EW
MAJANO PRATO	46.18N	013.07E	760907 11	6	7.00			SMA-1	NS
MAJANO PRATO	46.18N	013.07E	760907 11	6	14.00			SMA-1	V
SOMPLAGO GALLERIA CAVI	46.33N	013.05E	760907 11	11	9.00			SMA-1	EW
SOMPLAGO GALLERIA CAVI	46.33N	013.05E	760907 11	11	8.00			SMA-1	NS
SOMPLAGO GALLERIA CAVI	46.33N	013.05E	760907 11	11	12.00			SMA-1	V
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760907 11	11	27.00			SMA-1	EW
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760907 11	11	24.00			SMA-1	NS
SOMPLAGO USCITA GALLERIA	46.33N	013.05E	760907 11	11	11.00			SMA-1	V
TOLMEZZO	46.38N	012.97E	760907 11	17	14.00			SMA-1	EW
TOLMEZZO	46.38N	012.97E	760907 11	17	17.00			SMA-1	NS
TOLMEZZO	46.38N	012.97E	760907 11	17	10.00			SMA-1	V
BUIA	46.22N	013.08E	760911 16	8	40.00			SMA-1	EW
BUIA	46.22N	013.08E	760911 16	8	49.00			SMA-1	NS
BUIA	46.22N	013.08E	760911 16	8	22.00			SMA-1	V
S. ROCCO	46.22N	012.98E	760911 16	14	71.00			SMA-1	EW
S. ROCCO	46.22N	012.98E	760911 16	14	42.00			SMA-1	NS
S. ROCCO	46.22N	012.98E	760911 16	14	20.00			SMA-1	V
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760911 16	9	34.00			SMA-1	EW

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
ITALY (CONT.)									
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760911 16	9	39.00			SMA-1	NS
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760911 16	9	32.00			SMA-1	V
TARCENTO	46.20N	013.22E	760911 16	10	105.00			SMA-1	EW
TARCENTO	46.20N	013.22E	760911 16	10	202.00			SMA-1	NS
TARCENTO	46.20N	013.22E	760911 16	10	71.00			SMA-1	V
BARCIS	46.18N	012.60E	760911 16		16.00			SMA-1	EW
BARCIS	46.18N	012.60E	760911 16		9.00			SMA-1	NS
BARCIS	46.18N	012.60E	760911 16		6.00			SMA-1	V
BUIA	46.22N	013.08E	760911 16		108.00			SMA-1	EW
BUIA	46.22N	013.08E	760911 16		233.00			SMA-1	NS
BUIA	46.22N	013.08E	760911 16		93.00			SMA-1	V
CODROIPO	45.96N	012.98E	760911 16		26.00			SMA-1	EW
CODROIPO	45.96N	012.98E	760911 16		19.00			SMA-1	NS
CODROIPO	45.96N	012.98E	760911 16		14.00			SMA-1	V
CONEGLIANO	45.90N	012.33E	760911 16		12.00			SMA-1	EW
CONEGLIANO	45.90N	012.33E	760911 16		14.00			SMA-1	NS
CONEGLIANO	45.90N	012.33E	760911 16		10.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760911 16		235.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760911 16		133.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760911 16		119.00			SMA-1	V
S. ROCCO	46.22N	012.98E	760911 16		95.00			SMA-1	EW
S. ROCCO	46.22N	012.98E	760911 16		92.00			SMA-1	NS
S. ROCCO	46.22N	012.98E	760911 16		48.00			SMA-1	V
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760911 16		62.00			SMA-1	EW
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760911 16		63.00			SMA-1	NS
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760911 16		34.00			SMA-1	V
TREGNAGO	45.52N	011.13E	760911 16		11.00			SMA-1	EW
TREGNAGO	45.52N	011.13E	760911 16		8.00			SMA-1	NS
TREGNAGO	45.52N	011.13E	760911 16		7.00			SMA-1	V
BUIA	46.22N	013.08E	760913 18	7	65.00			SMA-1	EW
BUIA	46.22N	013.08E	760913 18	7	68.00			SMA-1	NS
BUIA	46.22N	013.08E	760913 18	7	68.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760913 18	14	16.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760913 18	14	26.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760913 18	14	20.00			SMA-1	V
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760913 18	16	10.00			SMA-1	EW
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760913 18	16	9.00			SMA-1	NS
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760913 18	16	7.00			SMA-1	V
BUIA	46.22N	013.08E	760915 03	12	96.00			SMA-1	EW
BUIA	46.22N	013.08E	760915 03	12	110.00			SMA-1	NS
BUIA	46.22N	013.08E	760915 03	12	82.00			SMA-1	V
CODROIPO	45.96N	012.98E	760915 03	41	29.00			SMA-1	EW
CODROIPO	45.96N	012.98E	760915 03	41	39.00			SMA-1	NS
CODROIPO	45.96N	012.98E	760915 03	41	23.00			SMA-1	V
CONEGLIANO	45.90N	012.33E	760915 03	80	20.00			SMA-1	EW
CONEGLIANO	45.90N	012.33E	760915 03	80	13.00			SMA-1	NS
CONEGLIANO	45.90N	012.33E	760915 03	80	8.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760915 03	18	218.0			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760915 03	18	263.0			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760915 03	18	99.00			SMA-1	V
S. ROCCO	46.22N	012.98E	760915 03	18	123.00			SMA-1	EW
S. ROCCO	46.22N	012.98E	760915 03	18	69.00			SMA-1	NS
S. ROCCO	46.22N	012.98E	760915 03	18	59.00			SMA-1	V
TREGNAGO	45.52N	011.13E	760915 03	181	10.00			SMA-1	EW
TREGNAGO	45.52N	011.13E	760915 03	181	11.00			SMA-1	NS

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
ITALY (CONT.)									
TREGNAGO	45.52N	011.13E	760915 03	181	6.00			SMA-1	V
FORGARIA-CORNINO	46.22N	012.98E	760915 04		54.00			SMA-1	EW
FORGARIA-CORNINO	46.22N	012.98E	760915 04		58.00			SMA-1	NS
FORGARIA-CORNINO	46.22N	012.98E	760915 04		35.00			SMA-1	V
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760915 04		61.00			SMA-1	NS
SOMPLAGO QUOTA TURBINE	46.33N	013.05E	760915 04		35.00			SMA-1	V
ARIENZO	41.02N	014.47E	801123 18	77	29.00	6.86		SMA-1	NS
AULETTA	40.55N	015.55E	801123 18	43	61.00	5.83		SMA-1	NS
BAGNOLI - IRPINO	40.67N	015.07E	801123 18	37	133.00	23.40		SMA-1	NS
BENEVENTO	41.12N	014.78E	801123 18	55				SMA-1	NS
BISACCIA	41.00N	015.53E	801123 18	17	85.00	26.15		SMA-1	NS
BOVINO	41.25N	015.50E	801123 18	39	47.00	6.94		SMA-1	NS
BRIENZA	40.47N	015.63E	801123 18	54	222.00	13.74		SMA-1	NS
CALITRI	40.92N	015.43E	801123 18	4	159.00	26.02		SMA-1	NS
GARIGLIANO	41.25N	013.82E	801123 18	135	38.00	8.88		SMA-1	NS
RIONERO IN VULTURE	40.92N	015.67E	801123 18	25	102.00	15.21		SMA-1	NS
SAN SEVERO	41.68N	015.38E	801123 18	86	27.00	3.85		SMA-1	NS
STURNO	41.02N	015.12E	801123 18	24	226.00	42.37		SMA-1	NS
TORRE DEL GRECO	40.80N	014.38E	801123 18	84	60.00	8.45		SMA-1	NS
TRICARICO	40.62N	016.15E	801123 18	73	48.00	9.77		SMA-1	NS
VIESTE	41.87N	016.15E	801123 18	125	38.00	5.14		SMA-1	NS
CALITRI	40.92N	015.43E	801124 04	4				SMA-1	NS
CAIRANO 1			801125					SMA-1	NS
CAIRANO 2			801125					SMA-1	NS
CAIRANO 3			801125					SMA-1	NS
CAIRANO 4			801125					SMA-1	NS
CONZA (BASE)			801125					SMA-1	NS
CONZA (PIANA)			801125					SMA-1	NS
S. ANGELO DEI LOMBARDI			801125					SMA-1	NS
SANNICANDRO	41.83N	015.57E	801125					SMA-1	NS
VIESTE	41.87N	016.15E	801125					SMA-1	NS
PROCISA NUOVA			801126					SMA-1	NS
CAIRANO 2			8012					SMA-1	NS
CAIRANO 3			8012					SMA-1	NS
CONZA (BASE)			8012					SMA-1	NS
CONZA (PIANA)			8012					SMA-1	NS
S. ANGELO DEI LOMBARDI			8012					SMA-1	NS
GARIGLIANO	41.25N	013.82E	801202					SMA-1	NS
TORRE DEL GRECO	40.80N	014.38E	801202					SMA-1	NS
CAIRANO 2			810106 01					SMA-1	NS
CAIRANO 2			810106 05					SMA-1	NS
CAIRANO 2			810106 07					SMA-1	NS
PROCISA NUOVA			810116					SMA-1	NS
CONZA (BASE)			810116 01					SMA-1	NS
CAIRANO 1			810116 01					SMA-1	NS
CAIRANO 3			810116 01					SMA-1	NS
CAIRANO 4			810116 01					SMA-1	NS
CALITRI	40.92N	015.43E	810116 01					SMA-1	NS
CONZA (VETTA)			810116 01					SMA-1	NS
S. ANGELO (ALTO)			810116 01					SMA-1	NS
S. ANGELO (BASE)			810116 01					SMA-1	NS
CONZA (BASE)			810116 05					SMA-1	NS
ARIENZO	41.02N	014.47E	810213 02					SMA-1	NS
MERCATO SAN SEVERINO	40.78N	014.92E	810213 02					SMA-1	NS
TORRE DEL GRECO	40.80N	014.38E	810213 02					SMA-1	NS

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
JAPAN									
EARTHQUAKE INSTITUTE, TOKYO	35.71N	139.76E	560214 00	13	57.80	7.50	1.10	SMAC-A	EW
EARTHQUAKE INSTITUTE, TOKYO	35.71N	139.76E	560214 00	13	75.60	6.00	.90	SMAC-A	NS
EARTHQUAKE INSTITUTE, TOKYO	35.71N	139.76E	560214 00	13	37.30	1.70	.30	SMAC-A	UD
EARTHQUAKE INSTITUTE, TOKYO	35.71N	139.76E	560214 00	13	29.40			SMAC-A	V
TETSUDO-KAIKAN (TOKYO 103)	35.59N	139.77E	560929 23	40				SMAC	EW
TETSUDO-KAIKAN (TOKYO 103)	35.59N	139.77E	560929 23	40				SMAC	NS
KUSHIRO METEOROLOGICAL OBSV.	42.98N	144.40E	620423 05	92	517.50	21.60	4.20	SMAC-A	EW
KUSHIRO METEOROLOGICAL OBSV.	42.98N	144.40E	620423 05	92	281.50	14.30	3.60	SMAC-A	NS
KUSHIRO METEOROLOGICAL OBSV.	42.98N	144.40E	620423 05	92	273.00	17.70	11.40	SMAC-A	UD
KUSHIRO METEOROLOGICAL OBSV.	42.98N	144.40E	620423 05	92	222.20			SMAC-A	V
TOHOKU-DAIGAKU	35.52N	139.91E	620430 02	373	51.70	6.30	.50	SMAC-A	EW
TOHOKU-DAIGAKU	35.52N	139.91E	620430 02	373	71.70	3.00	.40	SMAC-A	NS
TOHOKU-DAIGAKU KOGAKUBU	35.52N	139.91E	620430 02	373	51.70	4.30	.50	SMAC-A	EW
TOHOKU-DAIGAKU KOGAKUBU	35.52N	139.91E	620430 02	373	71.70	3.00	.40	SMAC-A	NS
AKASHI PLANETARIUM			630326 21					SMAC	EW
CHUBU-DENRYOKU BLDG.	35.17N	136.91E	630326 21	136				SMAC	EW
CHUBU-DENRYOKU BLDG.	35.17N	136.91E	630326 21	136				SMAC	NS
KANSAI-DENRYOKU (OSAKA 204)	43.68N	135.49E	630326 21	135	27.50	10.10	25.08	SMAC	EW
KANSAI-DENRYOKU (OSAKA 204)	43.68N	135.49E	630326 21	135				SMAC	NS
NIHON-ITAGARASU (OSAKA 205)	35.69N	135.50E	630326 21	29				SMAC	EW
OSAKA-DAIICHI-SEIMEI BLDG.	34.70N	135.50E	630326 21	135				SMAC	NS
OSAKA-SHIN-ASAHI BLDG	34.69N	135.50E	630326 21	136				SMAC-A	NS
SHIN-SUMITOMO BLDG	34.69N	135.50E	630326 21	136				SMAC-A	NS
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	630508 10	52	30.80	1.70	.10	SMAC-A	EW
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	630508 10	52	29.50	1.60	.20	SMAC-A	NS
JAPAN ATOMIC POWER COMPANY	36.46N	140.60E	630508 10	52	64.90	3.10	.60	SMAC-A	EW
JAPAN ATOMIC POWER COMPANY	36.46N	140.60E	630508 10	52	64.90	3.10	.60	SMAC-A	EW
TOKAI POWER STATION	36.47N	140.62E	630508 10	51	64.90	3.10	.60	SMAC-A	EW
TOKAI POWER STATION	36.47N	140.62E	630508 10	51	60.80	4.20	1.00	SMAC-A	NS
PUBLIC WORKS RESEARCH INST.	35.63N	140.13E	630804 11	30	79.20	2.70	.10	SMAC-A	EW
PUBLIC WORKS RESEARCH INST.	35.63N	140.13E	630804 11	30	92.60	4.30	1.10	SMAC-A	NS
PUBLIC WORKS RESEARCH INST.	35.63N	140.13E	630804 11	30	38.40	1.10	.10	SMAC-A	UD
PUBLIC WORKS RESEARCH INST.	35.63N	140.13E	630804 11	30	35.50			SMAC-A	V
KOKUTETSU-TOKYO-YOHINKO	35.75N	139.83E	631214					SMAC	EW
KOKUTETSU-TOKYO-YOHINKO	35.75N	139.83E	631214					SMAC	NS
MITSUI-BEKKAN BLDG	35.69N	139.79E	631214					SMAC	EW
MITSUI-BEKKAN BLDG	35.69N	139.79E	631214					SMAC	NS
SHIN-TOKYO BLDG (TOKYO 132)	35.67N	139.77E	631214					SMAC	EW
SHIN-TOKYO BLDG (TOKYO 132)	35.67N	139.77E	631214					SMAC	NS
KENKEN TRAINING CENTER	35.69N	139.77E	631224 12	57	15.00	4.10	5.43	SMAC	EW
KENKEN TRAINING CENTER	35.69N	139.77E	631224 12	57				SMAC	NS
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	640205 11	43	136.70	5.90	.50	SMAC-A	EW
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	640205 11	43	202.90	8.50	1.30	SMAC-A	NS
GENKEN JRR-3 (KANTO 601-2)	36.46N	140.60E	640205 11	43	31.70	1.60	.20	SMAC-A	EW
GENKEN JRR-3 (KANTO 601-2)	36.46N	140.60E	640205 11	43	41.40	1.70	.30	SMAC-A	NS
GENKEN KISHOSHITSU	36.46N	140.60E	640205 11	43	39.70	1.70	.20	SMAC-A	EW
GENKEN KISHOSHITSU	36.46N	140.60E	640205 11	43	56.30	2.10	.30	SMAC-A	NS
GENKEN PR-HALL (KANTO 601-1)	36.46N	140.60E	640205 11	43	136.70	5.90	.50	SMAC-A	EW
GENKEN PR-HALL (KANTO 601-1)	36.46N	140.60E	640205 11	43	202.90	8.50	1.30	SMAC-A	NS
TOHUKU UNIV. ENG. DEPT.			640616 04		170.90	54.70	26.30	SMAC-A	EW
TOHUKU UNIV. ENG. DEPT.			640616 04		128.90	45.60	32.40	SMAC-A	NS
TOHUKU UNIV. ENG. DEPT.			640616 04		55.80	13.00	7.80	SMAC-A	UD
TOHUKU UNIV. ENG. DEPT.			640616 04		49.30			SMAC-A	V
ATOMIC ENERGY RESEARCH INST.			641114 03		238.30	6.80	.20	SMAC-A	EW
ATOMIC ENERGY RESEARCH INST.			641114 03		260.50	7.70	.20	SMAC-A	NS

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
JAPAN (CONT.)									
SHIMIZU FACTORY	34.99N	138.50E	650419 23	22	152.80	10.30	1.80	SMAC-B2	EW
SHIMIZU FACTORY	34.99N	138.50E	650419 23	22	108.60	8.90	1.80	SMAC-B2	NS
SHIMIZU FACTORY	34.99N	138.50E	650419 23	22	45.50	4.90	.70	SMAC-B2	UD
SHIZUOKA RAILWAY	35.00N	138.33E	650419 23	13	66.10	6.10	.90	SMAC-B	EW
SHIZUOKA RAILWAY	35.00N	138.33E	650419 23	13	119.70	9.60	1.30	SMAC-B	NS
KUSHIRO CENTRAL WHARF	42.98N	144.37E	651025 22	125	66.80	3.80	.40	SMAC-B2	EW
KUSHIRO CENTRAL WHARF	42.98N	144.37E	651025 22	125	105.60	4.90	.60	SMAC-B2	NS
HOSHINA-A	36.61N	138.27E	660405 08	5	391.80			DC-3C	EW
HOSHINA-A	36.61N	138.27E	660405 08	5	202.30			DC-3C	NS
HOSHINA-A	36.61N	138.27E	660405 08	5	46.10			DC-3C	V
OCHIAI BRIDGE	36.61N	138.24E	660405 08	8	151.20	13.80	1.90	SMAC-B2	EW
OCHIAI BRIDGE	36.61N	138.24E	660405 08	8	274.70	24.30	5.90	SMAC-B2	NS
OCHIAI BRIDGE	36.61N	138.24E	660405 08	8	229.50	8.80	1.40	SMAC-B2	T
WAKAHO	36.65N	138.26E	660405 08	9	245.00			DC-3C	EW
WAKAHO	36.65N	138.26E	660405 08	9	250.80			DC-3C	NS
WAKAHO	36.65N	138.26E	660405 08	20	20.10			DC-3C	V
HOSHINA-A	36.61N	138.27E	660417 01	9	88.50			DC-3C	EW
HOSHINA-A	36.61N	138.27E	660417 01	9	219.90			DC-3C	NS
MATSUSHIRO-C			660520 00		214.10			DC-3C	EW
MATSUSHIRO-C			660520 00		234.20			DC-3C	NS
MATSUSHIRO-C	36.58N	138.19E	660528 05	3	268.80			DC-3C	EW
MATSUSHIRO-C	36.58N	138.19E	660528 05	3	367.20			DC-3C	NS
SUSOBANA DAM, NAGANO CITY	36.65N	138.12E	660528 05	13	47.80			SMAC-B2	EW
SUSOBANA DAM, NAGANO CITY	36.65N	138.12E	660528 05	13	71.30	3.50	.30	SMAC-B2	NS
MATSUSHIRO-C	36.58N	138.19E	660802 18	15	183.50			DC-3	EW
MATSUSHIRO-C	36.58N	138.19E	660802 18	15	220.10			DC-3	NS
MATSUSHIRO-C	36.58N	138.19E	660802 18	15	65.10			DC-3	V
MATSUSHIRO-C	36.58N	138.19E	660828 04	13	102.70			DC-3	EW
MATSUSHIRO-C	36.58N	138.19E	660828 04	13	187.40			DC-3	NS
ARIAKE SEA EMBANKMENT	33.18N	130.27E	661112 12	12	128.50	12.90	1.70	SMAC-B2	N40E
ARIAKE SEA EMBANKMENT	33.18N	130.27E	661112 12	12	99.70	10.30	1.40	SMAC-B2	N50W
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	671119 12	56	350.20	10.30	.50	SMAC-A	EW
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	671119 12	56	464.30	21.60	1.00	SMAC-A	NS
WAKAYAMA HARBOR	34.21N	135.15E	680329 19	10	442.10	13.70	1.50	SMAC-B2	EW
WAKAYAMA HARBOR	34.21N	135.15E	680329 19	10	292.70	6.70	.90	SMAC-B2	NS
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	680401 00	84	351.30	27.30	6.10	SMAC-B2	EW
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	680401 00	84	197.90			SMAC-B2	NS
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	680401 00	84	288.50	16.50	3.30	SMAC-B2	NS
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	680401 00	84	81.20	5.10	1.10	SMAC-B2	UD
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	680401 00	84	47.60			SMAC-B2	V
ITASHIMA BRIDGE	33.21N	132.56E	680401 00	103	193.00	13.20	2.90	SMAC-B2	L
ITASHIMA BRIDGE	33.21N	132.56E	680401 00	103	223.90	20.00	4.50	SMAC-B2	T
KOCHI HARBOR WORKS	33.53N	133.55E	680401 00	168	107.20	15.60	2.70	SMAC-B2	EW
KOCHI HARBOR WORKS	33.53N	133.55E	680401 00	168	70.60	11.00	2.50	SMAC-B2	NS
KOCHI HARBOR WORKS	33.53N	133.55E	680401 00	168	38.50	5.50	1.20	SMAC-B2	UD
KOCHI HARBOR WORKS	33.53N	133.55E	680401 00	168	31.40			SMAC-B2	V
WAKAYAMA HARBOR	34.21N	135.15E	680401 00	325	166.30	2.00	.10	SMAC-B2	EW
WAKAYAMA HARBOR	34.21N	135.15E	680401 00	325	32.90	2.80	.40	SMAC-B2	L
WAKAYAMA HARBOR	34.21N	135.15E	680401 00	325	135.50	1.20	.10	SMAC-B2	NS
WAKAYAMA HARBOR	34.21N	135.15E	680401 00	325	32.40	3.30	.40	SMAC-B2	T
AOMORI HARBOR WORKS	40.82N	140.82E	680516 00	233	196.50	32.70	23.80	SMAC-B2	EW
AOMORI HARBOR WORKS	40.82N	140.82E	680516 00	233	227.30	39.70	19.40	SMAC-B2	NS
AOMORI HARBOR WORKS	40.82N	140.82E	680516 00	233	156.40	14.60	11.10	SMAC-B2	UD
AOMORI HARBOR WORKS	40.82N	140.82E	680516 00	233	137.20			SMAC-B2	V
HACHINOHE HARBOR			680516 00					SMAC-B	EW

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
JAPAN (CONT.)									
HACHINOHE HARBOR			680516 00					SMAC-B	NS
HOROMAN BRIDGE	42.06N	143.03E	680516 00	155	125.20	5.50	2.70	SMAC-B2	L
HOROMAN BRIDGE	42.06N	143.03E	680516 00	155	75.70	5.80	2.40	SMAC-B2	T
HOTEL NEW-OTANI	35.67N	139.73E	680516 00	655	206.20	40.50	20.60	SMAC-B2	EW
HOTEL NEW-OTANI	35.67N	139.73E	680516 00	655	311.70	35.70	11.90	SMAC-B2	NS
HOTEL NEW-OTANI	35.67N	139.73E	680516 00	655	135.40	11.40	9.00	SMAC-B2	UD
HOTEL NEW-OTANI	35.67N	139.73E	680516 00	655	116.00			SMAC-B2	V
MIYAKO HARBOR WORKS	39.64N	141.96E	680516 00	183	157.60	5.40	2.20	SMAC-B2	EW
MIYAKO HARBOR WORKS	39.64N	141.96E	680516 00	183	164.90	6.10	.80	SMAC-B2	NS
MIYAKO HARBOR WORKS	39.64N	141.96E	680516 00	183	50.20	3.50	2.10	SMAC-B2	UD
MIYAKO HARBOR WORKS	39.64N	141.96E	680516 00	183	30.90			SMAC-B2	V
MURORAN HARBOR	42.31N	140.96E	680516 00	280	155.30	15.90	6.60	SMAC-B2	EW
MURORAN HARBOR	42.31N	140.96E	680516 00	280	221.50	33.40	10.10	SMAC-B2	NS
MURORAN HARBOR	42.31N	140.96E	680516 00	280	113.40	6.90	3.80	SMAC-B2	UD
MURORAN HARBOR	42.31N	140.96E	680516 00	280	69.40			SMAC-B2	V
SHIN-ISHIKARI-OOHASHI BRIDGE	43.12N	141.51E	680516 00	316	182.00	26.40	12.90	SMAC-B2	L
SHIN-ISHIKARI-OOHASHI BRIDGE	43.12N	141.51E	680516 00	316	193.50	24.00	7.20	SMAC-B2	T
HOROMAN BRIDGE	42.06N	143.03E	680516 10	73	107.00	3.60	1.10	SMAC-B2	L
HOROMAN BRIDGE	42.06N	143.03E	680516 10	73	113.70	5.20	2.00	SMAC-B2	T
MIYAKO HARBOR WORKS	39.64N	141.96E	680516 10	212	124.40	3.30	.60	SMAC-B2	EW
MIYAKO HARBOR WORKS	39.64N	141.96E	680516 10	212	154.80	4.40	.70	SMAC-B2	NS
MURORAN HARBOR	42.31N	140.96E	680516 10	185	90.60	5.60	2.00	SMAC-B2	EW
MURORAN HARBOR	42.31N	140.96E	680516 10	185	113.80	6.10	1.00	SMAC-B2	NS
MURORAN HARBOR	42.31N	140.96E	680516 10	185	38.10	2.00	.50	SMAC-B2	UD
MURORAN HARBOR	42.31N	140.96E	680516 10	185	31.10			SMAC-B2	V
OFUNATO HARBOR	39.64N	141.96E	680517 23	145	59.90	5.80	.90	SMAC-B2	EW
OFUNATO HARBOR	39.64N	141.96E	680517 23	145	85.30	13.80	2.20	SMAC-B2	NS
MIYAKO HARBOR WORKS	39.64N	141.96E	680522 19	85	115.20	1.60	.10	SMAC-B2	EW
MIYAKO HARBOR WORKS	39.64N	141.96E	680522 19	85	132.70	2.40	.10	SMAC-B2	NS
MIYAKO HARBOR WORKS	39.64N	141.96E	680612 13	103	163.50	5.10	.60	SMAC-B2	EW
MIYAKO HARBOR WORKS	39.64N	141.96E	680612 13	103	190.20	5.90	1.20	SMAC-B2	NS
AKASHI SEISAKUSHO	35.60N	139.74E	680701 10	51	102.30	6.38	8.02	SMAC	EW
AKASHI SEISAKUSHO	35.60N	139.74E	680701 10	51				SMAC	NS
BOKUTO HOSPITAL (TOKYO 121)	35.70N	139.82E	680701 10	47	48.00	12.94	18.94	SMAC	EW
BOKUTO HOSPITAL (TOKYO 121)	35.70N	139.82E	680701 10	47				SMAC	NS
EARTHQUAKE INSTITUTE, TOKYO	35.71N	139.76E	680701 10	42	107.80			SMAC	EW
EARTHQUAKE INSTITUTE, TOKYO	35.71N	139.76E	680701 10	42				SMAC	NS
FUJI-GIN HONTEN (TOKYO 141)	35.70N	139.77E	680701 10	44				SMAC	EW
FUJI-GIN HONTEN (TOKYO 141)	35.70N	139.77E	680701 10	44				SMAC	NS
HIBIYA DENDEN (TOKYO 120)			680701 10		32.60	7.80	10.37	SMAC	EW
HIBIYA DENDEN (TOKYO 120)			680701 10					SMAC	NS
HIGASHI SHINJUKU DENDEN	35.70N	139.72E	680701 10	41				SMAC	EW
HIGASHI SHINJUKU DENDEN	35.70N	139.72E	680701 10	41				SMAC	NS
HOTEL EMPIRE (KANTO 609)	35.40N	139.50E	680701 10	65				SMAC	EW
HOTEL EMPIRE (KANTO 609)	35.40N	139.50E	680701 10	65				SMAC	NS
HOTEL NEW OHTANI (TOKYO 134)	35.67N	139.73E	680701 10	44				SMAC	EW
HOTEL NEW OHTANI (TOKYO 134)	35.67N	139.73E	680701 10	44				SMAC	NS
IKEBUKURO MARUBUTSU-D	35.73N	139.71E	680701 10	37	57.50	5.22	2.92	SMAC	EW
IKEBUKURO MARUBUTSU-D	35.73N	139.71E	680701 10	37				SMAC	NS
ISETAN-D (TOKYO 122)	35.70N	139.70E	680701 10	39				SMAC	EW
ISETAN-D (TOKYO 122)	35.70N	139.70E	680701 10	39				SMAC	NS
KEIO BLDG (TOKYO 141)			680701 10					SMAC	EW
KEIO BLDG (TOKYO 141)			680701 10					SMAC	NS
KENKEN TRAINING CENTER	35.41N	139.77E	680701 10	70	111.70	10.91	15.55	SMAC	EW
KENKEN TRAINING CENTER	35.41N	139.77E	680701 10	70				SMAC	NS

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
JAPAN (CONT.)									
KOKUTETSU GIKEN (TOKYO 118)	35.67N	139.50E	680701 10	35	38.10	4.05	2.15	SMAC	EW
KOKUTETSU GIKEN (TOKYO 118)	35.67N	139.50E	680701 10	35				SMAC	NS
KOKUTETSU KAWASAKI KARYOKU	35.50N	139.75E	680701 10	61				SMAC	EW
KOTO DENWA KYOKU (TOKYO 119)			680701 10					SMAC	EW
KOTO DENWA KYOKU (TOKYO 119)			680701 10					SMAC	NS
MITSUI NO.3 BEKKAN(TOKYO 133)	35.70N	139.80E	680701 10	46				SMAC	EW
MITSUI NO.3 BEKKAN(TOKYO 133)	35.70N	139.80E	680701 10	46				SMAC	NS
OHBAYASHIGUMI TOKYO	35.70N	139.70E	680701 10	39				SMAC	NS
SANAI BLDG (TOKYO 130)	35.67N	139.77E	680701 10	46	24.10	5.31	2.16	SMAC	EW
SANAI BLDG (TOKYO 130)	35.67N	139.77E	680701 10	46				SMAC	NS
SHIMIZUKENSETSU HONSYA	35.67N	139.80E	680701 10	48				SMAC	EW
SHIMIZUKENSETSU HONSYA	35.67N	139.80E	680701 10	48				SMAC	NS
SHIN TOKYO BLDG (TOKYO 132)	35.67N	139.78E	680701 10	47	32.60	4.33	2.94	SMAC	EW
SHIN TOKYO BLDG (TOKYO 132)	35.67N	139.78E	680701 10	47				SMAC	NS
SHINAGAWA WHARF	35.61N	139.75E	680701 10	50	127.40	8.80	1.60	SMAC-B2	EW
SHINAGAWA WHARF	35.61N	139.75E	680701 10	50	80.30	7.80	1.60	SMAC-B2	NS
SHINAGAWA WHARF	35.61N	139.75E	680701 10	50	51.10	1.30	.20	SMAC-B2	UD
SHINAGAWA WHARF	35.61N	139.75E	680701 10	50	21.80			SMAC-B2	V
TOCHO NO.1-CHOSHA			680701 10					SMAC	EW
TOCHO NO.1-CHOSHA			680701 10					SMAC	NS
TOCHO NO.2-CHOSHA			680701 10					SMAC	EW
TOCHO NO.2-CHOSHA			680701 10					SMAC	NS
TODOROKI PARK OFFICE	35.60N	139.65E	680701 10	47	58.80			SMAC	EW
TODOROKI PARK OFFICE	35.60N	139.65E	680701 10	47				SMAC	NS
UENO MATSUZAKAYA	35.70N	139.80E	680701 10	46				SMAC	EW
UENO MATSUZAKAYA	35.70N	139.80E	680701 10	46				SMAC	NS
OFUNATO HARBOR	39.64N	141.96E	680705 11	136	67.70	4.90	.70	SMAC-B2	EW
OFUNATO HARBOR	39.64N	141.96E	680705 11	136	41.30	2.70	.40	SMAC-B2	NS
HIROSHIMA HARBOR WORKS	34.35N	132.47E	680805 16	117	67.00	5.40	1.00	SMAC-B2	EW
HIROSHIMA HARBOR WORKS	34.35N	132.47E	680805 16	117	82.40	4.50	.50	SMAC-B2	NS
HIROSHIMA HARBOR WORKS	34.35N	132.47E	680805 16	117	29.60	2.10	.30	SMAC-B2	UD
HIROSHIMA HARBOR WORKS	34.35N	132.47E	680805 16	117	21.80			SMAC-B2	V
ITASHIMA BRIDGE	33.21N	132.56E	680805 16	20	823.30	29.60	4.10	SMAC-B2	L
ITASHIMA BRIDGE	33.21N	132.56E	680805 16	20	752.10	32.80	4.10	SMAC-B2	T
KUSHIRO CENTRAL WHARF	42.98N	144.37E	680807 08	49	86.00	5.50	.50	SMAC-B2	EW
KUSHIRO CENTRAL WHARF	42.98N	144.37E	680807 08	49	49.00	3.20	.30	SMAC-B2	NS
YAMASHITA WHARF SUBSTATION	35.45N	139.66E	681008 00	45	33.50	1.70	.20	SMAC-B2	EW
YAMASHITA WHARF SUBSTATION	35.45N	139.66E	681008 00	45	72.90	3.80	.20	SMAC-B2	NS
MIYAKO HARBOR WORKS	39.64N	141.96E	681113 18	90	76.50	1.20		SMAC-B2	EW
MIYAKO HARBOR WORKS	39.64N	141.96E	681113 18	90	109.30	2.10	.10	SMAC-B2	NS
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	690421 07	54	120.20	6.30	.80	SMAC-B2	EW
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	690421 07	54	85.70	5.80	.70	SMAC-B2	NS
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	690421 07	54	71.30	2.10	.30	SMAC-B2	UD
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	690421 07	54	25.70			SMAC-B2	V
KINUGAURA HARBOR WORKS	34.88N	136.94E	690909 05	101	57.90			SMAC-B2	EW
KINUGAURA HARBOR WORKS	34.88N	136.94E	690909 05	101	41.40			SMAC-B2	NS
HOROMAN BRIDGE	42.06N	143.03E	700120 17	36	149.00	6.90	1.00	SMAC-B2	L
HOROMAN BRIDGE	42.06N	143.03E	700120 17	36	215.00	6.90	1.60	SMAC-B2	T
MIYAKO HARBOR WORKS	39.64N	141.96E	700401 14	14	161.80	3.30	.30	SMAC-B2	EW
MIYAKO HARBOR WORKS	39.64N	141.96E	700401 14	14	189.70	4.40	.30	SMAC-B2	NS
MIYAKO HARBOR WORKS	39.64N	141.96E	700401 14	14	80.90	1.30	.10	SMAC-B2	UD
MIYAKO HARBOR WORKS	39.64N	141.96E	700401 14	14	40.20			SMAC-B2	V
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	700725 22	54	139.70	13.40	1.50	SMAC-B2	EW
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	700725 22	54	136.70	8.70	1.40	SMAC-B2	NS
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	700725 22	54	48.30	2.80	.60	SMAC-B2	UD

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
JAPAN (CONT.)									
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	700725 22	54	31.80			SMAC-B2	V
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	700726 07	55	70.60	2.80	.30	SMAC-B2	EW
HOSOSHIMA HARBOR WORKS	32.43N	131.65E	700726 07	55	66.90	3.50	.30	SMAC-B2	NS
YOKKAICHI HARBOR WORKS	34.95N	136.64E	710104 28	75	104.20	6.90	.80	SMAC-B2	EW
YOKKAICHI HARBOR WORKS	34.95N	136.64E	710104 28	75	93.20	6.20	1.10	SMAC-B2	NS
YOKKAICHI HARBOR WORKS	34.95N	136.64E	710104 28	75	46.10	2.00	.20	SMAC-B2	UD
YOKKAICHI HARBOR WORKS	34.95N	136.64E	710104 28	75	33.60			SMAC-B2	V
YONEYAMA BRIDGE	37.34N	138.46E	710225 19	25	153.80	8.50	1.20	SMAC-B2	L
YONEYAMA BRIDGE	37.34N	138.46E	710225 19	25	148.10	5.90	1.00	SMAC-B2	T
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	710613 04	42	160.70	5.50	1.10	SMAC-A	EW
ATOMIC ENERGY RESEARCH INST.	36.46N	140.60E	710613 04	42	248.10	9.00	.60	SMAC-A	NS
KUSHIRO CENTRAL WHARF	42.98N	144.37E	710802 07	202	76.10	6.80	1.20	SMAC-B2	EW
KUSHIRO CENTRAL WHARF	42.98N	144.37E	710802 07	202	89.70	7.00	1.40	SMAC-B2	NS
KASHIMA HARBOR WORKS	35.92N	140.69E	711011 10	13	127.80			SMAC-B2	EW
YAMASHITA WHARF SUBSTATION	35.45N	139.66E	720229 09	293	58.40	3.30	.80	SMAC-B2	EW
YAMASHITA WHARF SUBSTATION	35.45N	139.66E	720229 09	293	79.80	3.70	.90	SMAC-B2	NS
KUSHIRO CENTRAL WHARF	42.98N	144.37E	720511 00	62	80.10	5.60	.80	SMAC-B2	EW
KUSHIRO CENTRAL WHARF	42.98N	144.37E	720511 00	62	142.80	6.00	.60	SMAC-B2	NS
KUSHIRO CENTRAL WHARF	42.98N	144.37E	730617 03	129	126.80	15.70	4.60	SMAC-B2	EW
KUSHIRO CENTRAL WHARF	42.98N	144.37E	730617 03	129	200.90	27.50	6.40	SMAC-B2	NS
KUSHIRO CENTRAL WHARF	42.98N	144.37E	730617 03	129	57.30	6.60	2.30	SMAC-B2	UD
KUSHIRO CENTRAL WHARF	42.98N	144.37E	730617 03	129	50.30			SMAC-B2	V
SHIOGAMA HARBOR	38.31N	141.05E	731119 13	115	63.60	5.20	.50	SMAC-B2	EW
SHIOGAMA HARBOR	38.31N	141.05E	731119 13	115	52.80	4.30	.40	SMAC-B2	NS
KASHIMA HARBOR WORKS	35.92N	140.69E	740303 04	43	111.60	10.40	2.00	SMAC-B2	EW
KASHIMA HARBOR WORKS	35.92N	140.69E	740303 04	43	37.70	5.30	1.30	SMAC-B2	NS
KASHIMA HARBOR WORKS	35.92N	140.69E	740708 05	72	51.70	3.20	.80	SMAC-B2	EW
KASHIMA HARBOR WORKS	35.92N	140.69E	740708 05	72	68.50	3.70	.60	SMAC-B2	NS
HACHINOHE FACTORY	40.55N	141.48E	740904 09	56	84.40	3.10	.50	SMAC-B2	EW
HACHINOHE FACTORY	40.55N	141.48E	740904 09	56	87.30	4.10	.40	SMAC-B2	NS
TOMAKOMAI HARBOR	42.62N	141.61E	741108 21	21	83.80	3.60	.40	SMAC-B2	EW
TOMAKOMAI HARBOR	42.62N	141.61E	741108 21	21	88.20	3.50	.70	SMAC-B2	NS
KASHIMA HARBOR WORKS	35.92N	140.69E	741115 23	54	91.40	5.90	.80	SMAC-B2	EW
KASHIMA HARBOR WORKS	35.92N	140.69E	741115 23	54	69.10	7.20	1.00	SMAC-B2	NS
KASHIMA HARBOR WORKS	35.92N	140.69E	741115 23	54	37.90	2.00	.40	SMAC-B2	UD
KASHIMA HARBOR WORKS	35.92N	140.69E	741115 23	54	23.90			SMAC-B2	V
BEPPU HARBOR WORKS	33.23N	131.71E	750420 17	37	137.50	3.40	1.30	SMAC-B2	EW
BEPPU HARBOR WORKS	33.23N	131.71E	750420 17	37	96.20	3.00	1.00	SMAC-B2	NS
BEPPU HARBOR WORKS	33.23N	131.71E	750420 17	37	67.60	1.90	.60	SMAC-B2	UD
BEPPU HARBOR WORKS	33.23N	131.71E	750420 17	37	29.90			SMAC-B2	V
OFUNATO HARBOR	39.01N	141.73E	780612 08	103	222.10	14.10	5.10	SMAC-B2	E41S
OFUNATO HARBOR	39.01N	141.73E	780612 08	103	206.70	12.80	2.20	SMAC-B2	N41E
OFUNATO HARBOR	39.01N	141.73E	780612 08	103	76.10	4.90	.90	SMAC-B2	UD
OFUNATO HARBOR	39.01N	141.73E	780612 08	103	59.70			SMAC-B2	V
SHIOGAMA HARBOR	38.31N	141.05E	780612 08	99	288.20	52.90	10.70	SMAC-B2	EW
SHIOGAMA HARBOR	38.31N	141.05E	780612 08	99	314.30	28.60	6.50	SMAC-B2	NS
SHIOGAMA HARBOR	38.31N	141.05E	780612 08	99	213.90	15.00	2.20	SMAC-B2	UD
SHIOGAMA HARBOR	38.31N	141.05E	780612 08	99	165.80			SMAC-B2	V
MEXICO									
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380606 02	33	26.03	.82	.63	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380606 02	33	33.28	.94	.47	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380606 02	33	13.07	.62	.48	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	541112 12	148	27.37	2.95	1.39	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	541112 12	148	24.20	4.11	.66	S-M	NORTH

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
MEXICO (CONT.)									
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	541112 12	148	6.79	.71	.19	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	560209 14	119	32.41	3.96	2.44	S-M	S00W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	560209 14	119	12.44	2.54	1.02	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	660807 17	146	14.77	2.40	1.66	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	660807 17	146	13.65	2.44	1.45	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	660807 17	146	4.86	1.36	1.72	S-M	V
INFIERNILLO DAM	18.27N	101.90W	730130 21	117					T
INFIERNILLO DAM	18.27N	101.90W	730130 21	117					V
LA VILLITA DAM	18.02N	102.21W	730130 21	97					L
LA VILLITA DAM	18.02N	102.21W	730130 21	97					T
LA VILLITA DAM	18.02N	102.21W	730130 21	97					V
DELTA	32.35N	115.18W	780311 23	11				SMA-1	S45E
DELTA	32.35N	115.18W	780311 23	11				SMA-1	S45W
DELTA	32.35N	115.18W	780311 23	11				SMA-1	V
VICTORIA	32.28N	115.10W	780311 23	2				SMA-1	S45E
VICTORIA	32.28N	115.10W	780311 23	2				SMA-1	S45W
VICTORIA	32.28N	115.10W	780311 23	2				SMA-1	V
VICTORIA	32.28N	115.10W	780312 00	7				SMA-1	S45E
VICTORIA	32.28N	115.10W	780312 00	7				SMA-1	S45W
VICTORIA	32.28N	115.10W	780312 00	7				SMA-1	V
VICTORIA	32.28N	115.10W	780312 18	2				SMA-1	S45E
VICTORIA	32.28N	115.10W	780312 18	2				SMA-1	S45W
VICTORIA	32.28N	115.10W	780312 18	2				SMA-1	V
ARY#1,BORCHARD RNCH, EL CENTRO	32.96N	115.32W	791015 23	37				SMA-1	140
ARY#1,BORCHARD RNCH, EL CENTRO	32.96N	115.32W	791015 23	37				SMA-1	230
ARY#1,BORCHARD RNCH, EL CENTRO	32.96N	115.32W	791015 23	37				SMA-1	V
ARY#2, KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	31				SMA-1	V
ARY#2, KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	31				SMA-1	140
ARY#2, KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	31				SMA-1	230
ARY #3,PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	29				SMA-1	140
ARY#3, PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	29				SMA-1	230
ARY#3, PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	29				SMA-1	V
ARY#4,ANDERSON RD.,EL CENTRO	32.86N	115.43W	791015 23	27				SMA-1	V
ARY#4,ANDERSON RD.,EL CENTRO	32.86N	115.43W	791015 23	27				SMA-1	230
ARY#4,ANDERSON RD.,EL CENTRO	32.86N	115.43W	791015 23	27				SMA-1	140
ARY#5, JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	27				SMA-1	140
ARY#5, JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	27				SMA-1	230
ARY#5, JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	27				SMA-1	V
ARY#6, HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	26				SMA-1	140
ARY#6, HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	26				SMA-1	230
ARY#6, HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	26				SMA-1	V
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	26				SMA-1	140
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	26				SMA-1	230
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	26				SMA-1	V
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	27				SMA-1	140
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	27				SMA-1	230
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	27				SMA-1	V
ARY#10, DOGWOOD RD.,EL CENTRO	32.80N	115.54W	791015 23	27				SMA-1	270
ARY#10, DOGWOOD RD.,EL CENTRO	32.80N	115.54W	791015 23	27				SMA-1	360
ARY#10, DOGWOOD RD.,EL CENTRO	32.80N	115.54W	791015 23	27				SMA-1	V
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	27				RFT-250	320
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	27				RFT-250	50
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	27				RFT-250	V
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	28				SMA-1	140
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	28				SMA-1	230

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
MEXICO (CONT.)									
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	28				SMA-1	V
ARY#12,BROCKMAN RD,EL CENTRO	32.71N	115.63W	791015 23	30				SMA-1	140
ARY#12,BROCKMAN RD,EL CENTRO	32.71N	115.63W	791015 23	30				SMA-1	230
ARY#13, STROBEL, EL CENTRO	32.70N	115.68W	791015 23	34				SMA-1	140
ARY#13, STROBEL, EL CENTRO	32.70N	115.68W	791015 23	34				SMA-1	230
ARY#13, STROBEL, EL CENTRO	32.70N	115.68W	791015 23	34				SMA-1	V
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	7				SMA-1	140
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	7				SMA-1	230
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	7				SMA-1	V
CANAL #4, COACHELLA	33.36N	115.59W	791015 23	85				SMA-1	135
CANAL #4, COACHELLA	33.36N	115.59W	791015 23	85				SMA-1	45
CANAL #4, COACHELLA	33.36N	115.59W	791015 23	85				SMA-1	V
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	16				SMA-1	225
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	16				SMA-1	315
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	16				SMA-1	V
FIRE STATION, CALIPATRIA	33.13N	115.52W	791015 23	58				SMA-1	225
FIRE STATION, CALIPATRIA	33.13N	115.52W	791015 23	58				SMA-1	315
FIRE STATION, CALIPATRIA	33.13N	115.52W	791015 23	58				SMA-1	V
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	42				SMA-1	225
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	42				SMA-1	315
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	42				SMA-1	V
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	791015 23	48				SMA-1	225
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	791015 23	48				SMA-1	315
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	791015 23	48				SMA-1	V
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	20				SMA-1	225
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	20				SMA-1	315
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	20				SMA-1	V
STOREHOUSE, PLASTER CITY	32.79N	115.86W	791015 23	53				SMA-1	135
STOREHOUSE, PLASTER CITY	32.79N	115.86W	791015 23	53				SMA-1	45
STOREHOUSE, PLASTER CITY	32.79N	115.86W	791015 23	53				SMA-1	V
SUPERSTITION MOUNTAIN, CA	32.95N	115.82W	791015 23	58				SMA-1	135
SUPERSTITION MOUNTAIN, CA	32.95N	115.82W	791015 23	58				SMA-1	45
SUPERSTITION MOUNTAIN, CA	32.95N	115.82W	791015 23	58				SMA-1	V
ARY #1,BORCHARD RNCH,EL CENTRO	32.96N	115.32W	791015 23	23				SMA-1	140
ARY #1,BORCHARD RNCH,EL CENTRO	32.96N	115.32W	791015 23	23				SMA-1	230
ARY #1,BORCHARD RNCH,EL CENTRO	32.96N	115.32W	791015 23	23				SMA-1	V
ARY #2,KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	17				SMA-1	140
ARY #2,KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	17				SMA-1	230
ARY #2,KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	17				SMA-1	V
ARY #3,PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	14				SMA-1	140
ARY #3,PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	14				SMA-1	230
ARY #3,PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	14				SMA-1	V
ARY #4,ANDERSON RD, EL CENTRO	32.86N	115.43W	791015 23	9				SMA-1	140
ARY #4,ANDERSON RD, EL CENTRO	32.86N	115.43W	791015 23	9				SMA-1	230
ARY #4,ANDERSON RD, EL CENTRO	32.86N	115.43W	791015 23	9				SMA-1	V
ARY #5,JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	8				SMA-1	140
ARY #5,JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	8				SMA-1	230
ARY #5,JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	8				SMA-1	V
ARY #6,HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	6				SMA-1	140
ARY #6,HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	6				SMA-1	230
ARY #6,HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	6				SMA-1	V
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	7				SMA-1	322
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	7				SMA-1	52
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	7				SMA-1	V
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	8				SMA-1	140

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
MEXICO (CONT.)									
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	8				SMA-1	230
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	8				SMA-1	V
ARY#9,COMMERCIAL AVE,EL CENTRO	32.79N	115.47W	791015 23	2				SMA-1	360
ARY#9,COMMERCIAL AVE,EL CENTRO	32.79N	115.47W	791015 23	2				SMA-1	90
ARY#9,COMMERCIAL AVE,EL CENTRO	32.79N	115.47W	791015 23	2				SMA-1	V
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	11				SMA-1	320
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	11				SMA-1	50
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	11				SMA-1	V
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	14				SMA-1	140
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	14				SMA-1	230
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	14				SMA-1	V
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	14				SMA-1	140
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	14				SMA-1	230
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	14				SMA-1	V
DIFF. ARRAY, EL CENTRO	32.79N	115.53W	791015 23	8				SMA-1	270
DIFF. ARRAY, EL CENTRO	32.79N	115.53W	791015 23	8				SMA-1	360
DIFF. ARRAY, EL CENTRO	32.79N	115.53W	791015 23	8				SMA-1	V
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	13				SMA-1	225
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	13				SMA-1	315
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	13				SMA-1	V
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	23				SMA-1	225
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	23				SMA-1	315
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	23				SMA-1	V
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	8				SMA-1	225
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	8				SMA-1	315
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	8				SMA-1	V
CERRO PRIETO	32.42N	115.30W	791010 19	13				DCA-310	DOWN
CERRO PRIETO	32.42N	115.30W	791010 19	13				DCA-310	S33E
CERRO PRIETO	32.42N	115.30W	791010 19	13				DCA-310	S57W
DELTA	32.35N	115.18W	791010 19	14				DCA-310	N08W
DELTA	32.35N	115.18W	791010 19	14				DCA-310	S82W
DELTA	32.35N	115.18W	791010 19	14				DCA-310	V
AEROPUERTO MEXICALI	32.65N	115.32W	791015 23	2				SMA-1	N45E
AEROPUERTO MEXICALI	32.65N	115.32W	791015 23	2				SMA-1	V
AGRARIAS	32.62N	115.30W	791015 23	3				DCA-310	DOWN
AGRARIAS	32.62N	115.30W	791015 23	3				DCA-310	N03E
AGRARIAS	32.62N	115.30W	791015 23	3				DCA-310	N87W
CERRO PRIETO	32.42N	115.30W	791015 23	24				DCA-310	DOWN
CERRO PRIETO	32.42N	115.30W	791015 23	24				DCA-310	S33E
CERRO PRIETO	32.42N	115.30W	791015 23	24				DCA-310	S57W
CHIHUAHUA	32.48N	115.23W	791015 23	19				DCA-310	DOWN
CHIHUAHUA	32.48N	115.23W	791015 23	19				DCA-310	N12E
CHIHUAHUA	32.48N	115.23W	791015 23	19				DCA-310	N78W
COMPUERTAS	32.37N	115.08W	791015 23	37				DCA-310	N15E
COMPUERTAS	32.37N	115.08W	791015 23	37				DCA-310	N75W
COMPUERTAS	32.37N	115.08W	791015 23	37				DCA-310	V
CUCAPAH	32.53N	115.23W	791015 23	15				DSA-1	N85E
CUCAPAH	32.53N	115.23W	791015 23	15				DSA-1	V
DELTA	32.35N	115.18W	791015 23	34				DCA-310	N08W
DELTA	32.35N	115.18W	791015 23	34				DCA-310	S82W
DELTA	32.35N	115.18W	791015 23	34				DCA-310	V
MEXICALI CASA FLORES	32.62N	115.43W	791015 23	9				SMA-1	N00E
MEXICALI CASA FLORES	32.62N	115.43W	791015 23	9				SMA-1	N90W
MEXICALI CASA FLORES	32.62N	115.43W	791015 23	9				SMA-1	V
VICTORIA	32.28N	115.10W	791015 23	44				DSA-1	N15W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
MEXICO (CONT.)									
VICTORIA	32.28N	115.10W	791015 23	44				DSA-1	N75E
VICTORIA	32.28N	115.10W	791015 23	44				DSA-1	V
DELTA	32.35N	115.18W	791015 23	54				DCA-310	N08W
DELTA	32.35N	115.18W	791015 23	54				DCA-310	S82W
DELTA	32.35N	115.18W	791015 23	54				DCA-310	V
CHIHUAHUA	32.48N	115.23W	791221 20	36				DCA-310	DOWN
CHIHUAHUA	32.48N	115.23W	791221 20	36				DCA-310	N12E
CHIHUAHUA	32.48N	115.23W	791221 20	36				DCA-310	N78W
COMPUERTAS	32.37N	115.08W	791221 20	54				DCA-310	N15E
COMPUERTAS	32.37N	115.08W	791221 20	54				DCA-310	N75W
COMPUERTAS	32.37N	115.08W	791221 20	54				DCA-310	V
CUCAPAH	32.53N	115.23W	791221 20	31				DSA-1	N85E
CUCAPAH	32.53N	115.23W	791221 20	31				DSA-1	V
CERRO PRIETO	32.42N	115.30W	800609 03	37	663.00			SMA-1	N45E
CERRO PRIETO	32.42N	115.30W	800609 03	37	565.00			SMA-1	N45W
CERRO PRIETO	32.42N	115.30W	800609 03	37	301.00			SMA-1	V
CHIHUAHUA	32.48N	115.23W	800609 03	37	95.00			DCA-310	S12W
CHIHUAHUA	32.48N	115.23W	800609 03	37	151.00			DCA-310	S78E
CHIHUAHUA	32.48N	115.23W	800609 03	37	69.00			DCA-310	V
CUCAPAH	32.53N	115.23W	800609 03	42	75.00			DSA-1	N85E
CUCAPAH	32.53N	115.23W	800609 03	42	59.00			DSA-1	V
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	179.00			SMA-1	N00E
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	46.00			SMA-1	N00E
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	111.00			SMA-1	N00E
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	57.00			SMA-1	N90W
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	44.00			SMA-1	N90W
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	118.00			SMA-1	N90W
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	32.00			SMA-1	V
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	44.00			SMA-1	V
HOSPITAL, VICTORIA	32.63N	115.47W	800609 03	65	66.00			SMA-1	V
MEXICALI SAHOP	32.62N	115.43W	800609 03	61	72.00			SMA-1	N10E
MEXICALI SAHOP	32.62N	115.43W	800609 03	61	59.00			SMA-1	N80W
MEXICALI SAHOP	32.62N	115.43W	800609 03	61	42.00			SMA-1	V
VICTORIA	32.28N	115.10W	800609 03	13	833.00			DSA-1	N40W
VICTORIA	32.28N	115.10W	800609 03	13	772.00			DSA-1	N50E
VICTORIA	32.28N	115.10W	800609 03	13	980.00			DSA-1	V
VICTORIA	32.28N	115.10W	800609 03					DSA-1	N40W
VICTORIA	32.28N	115.10W	800609 03					DSA-1	N50E
VICTORIA	32.28N	115.10W	800609 03					DSA-1	V
CERRO PRIETO	32.42N	115.30W	800609 10	34				SMA-1	N45E
CERRO PRIETO	32.42N	115.30W	800609 10	34				SMA-1	N45W
CERRO PRIETO	32.42N	115.30W	800609 10	34				SMA-1	V
CERRO PRIETO	32.42N	115.30W	800609 22	288				SMA-1	N45E
CERRO PRIETO	32.42N	115.30W	800609 22	288				SMA-1	N45W
CERRO PRIETO	32.42N	115.30W	800609 22	288				SMA-1	VERT
DELTA	32.35N	115.18W	800609 22	277				DCA-310	N08W
DELTA	32.35N	115.18W	800609 22	277				DCA-310	S82W
DELTA	32.35N	115.18W	800609 22	277				DCA-310	V
NICARAGUA									
MANAGUA	12.15N	086.27W	680104 10	5				AR-240	N84W
MANAGUA	12.15N	086.27W	680104 10	5				AR-240	S05W
MANAGUA	12.15N	086.27W	680104 10	5				AR-240	V
ESSO REFINERY, MANAGUA	12.14N	086.32W	720103 04	19				AR-240	EAST
ESSO REFINERY, MANAGUA	12.14N	086.32W	720103 04	19				AR-240	SOUTH

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
NICARAGUA (CONT.)									
ESSO REFINERY, MANAGUA	12.14N	086.32W	720103 04	19				AR-240	V
ESSO REFINERY, MANAGUA	12.14N	086.32W	720105 11	18				AR-240	EAST
ESSO REFINERY, MANAGUA	12.14N	086.32W	720105 11	18				AR-240	SOUTH
ESSO REFINERY, MANAGUA	12.14N	086.32W	720105 11	18				AR-240	V
NATIONAL UNIVERSITY, MANAGUA	12.11N	086.24W	720105 11	19				AR-240	EW
NATIONAL UNIVERSITY, MANAGUA	12.11N	086.24W	720105 11	19				AR-240	NS
NATIONAL UNIVERSITY, MANAGUA	12.11N	086.24W	720105 11	19				AR-240	V
ESSO REFINERY, MANAGUA	12.14N	086.32W	721223 06	32				AR-240	EAST
ESSO REFINERY, MANAGUA	12.14N	086.32W	721223 06	32				AR-240	SOUTH
ESSO REFINERY, MANAGUA	12.14N	086.32W	721223 06	32				AR-240	V
ESSO REFINERY, MANAGUA	12.14N	086.32W	721223 07	22				AR-240	EAST
ESSO REFINERY, MANAGUA	12.14N	086.32W	721223 07	22				AR-240	SOUTH
ESSO REFINERY, MANAGUA	12.14N	086.32W	721223 07	22				AR-240	V
NATIONAL UNIVERSITY, MANAGUA	12.11N	086.24W	730331 20	6				AR-240	EW
NATIONAL UNIVERSITY, MANAGUA	12.11N	086.24W	730331 20	6				AR-240	NS
NATIONAL UNIVERSITY, MANAGUA	12.11N	086.24W	730331 20	6				AR-240	V
PAPUA NEW GUINEA									
UPPER RAMU, YONKI	06.24S	145.97E	671114 05	151	54.10			MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	680428 20	90	27.20			MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	680603 09	140	37.00			MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	680603 09	140	37.00			MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	680603 09	140	37.00			MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	680617 17	68	41.00			MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	680617 17	68	41.00			MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	680617 17	68	41.00			MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	680916 13	299	8.00			MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	680916 13	299	8.00			MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	690107 01	52	13.00			MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	690107 01	52	13.00			MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	690107 01	52	13.00			MO-2	HZ
LAE BOTANY	06.71S	146.99E	690310 06	128				MO-2	HA
LAE BOTANY	06.71S	146.99E	690310 06	128				MO-2	HB
LAE BOTANY	06.71S	146.99E	690310 06	128				MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	690310 06	156	45.00			MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	690310 06	156	45.00			MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	690310 06	156	45.00			MO-2	HZ
BOUGAINVILLE, PANGUNA	06.24S	145.97E	690624 03	100	58.60	4.30		MO-2	HA
BOUGAINVILLE, PANGUNA	06.24S	145.97E	690624 03	100				MO-2	HB
BOUGAINVILLE, PANGUNA	06.24S	145.97E	690624 03	100				MO-2	HZ
LAE BOTANY	06.71S	146.99E	690624 03	102				MO-2	HA
LAE BOTANY	06.71S	146.99E	690624 03	102				MO-2	HB
LAE BOTANY	06.71S	146.99E	690624 03	102				MO-2	HZ
LAE BOTANY	06.71S	146.99E	690802 04	16				MO-2	HA
LAE BOTANY	06.71S	146.99E	690802 04	16				MO-2	HB
LAE BOTANY	06.71S	146.99E	690802 04	16				MO-2	HZ
DEPT OF WORKS, RABAUL	04.22S	152.19E	690803 00	91				MO-2	HA
LAE BOTANY	06.71S	146.99E	690823 01					MO-2	HB
LAE BOTANY	06.71S	146.99E	690823 01					MO-2	HA
LAE BOTANY	06.71S	146.99E	690823 01					MO-2	HB
BOUGAINVILLE, PANGUNA	06.32S	155.35E	690907 08	52				MO-2	HA
BOUGAINVILLE, PANGUNA	06.32S	155.35E	690907 08	52				MO-2	HB
BOUGAINVILLE, PANGUNA	06.32S	155.35E	690907 08	52				MO-2	HZ
BOUGAINVILLE, PANGUNA	06.32S	155.35E	700328 07	80	121.90	7.90		MO-2	HA
BOUGAINVILLE, PANGUNA	06.32S	155.35E	700328 07	80	121.90			MO-2	HB
BOUGAINVILLE, PANGUNA	06.32S	155.35E	700328 07	80	121.90			MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	700513 07	94				MO-2	HA

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
PAPUA NEW GUINEA (CONT.)									
UPPER RAMU, YONKI	06.24S	145.97E	701112 06	166				MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	701112 06	166				MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	701112 06	166				MO-2	HZ
LAE BOTANY	06.71S	146.99E	710212 19	78				MO-2	HA
LAE BOTANY	06.71S	146.99E	710212 19	78				MO-2	HB
LAE BOTANY	06.71S	146.99E	710212 19	78				MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	710212 19	55	185.70	9.90		MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	710212 19	55				MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	710212 19	55				MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	710213 22	39	79.30	3.50		MO-2	HA
LAE BOTANY	06.71S	146.99E	710213 22	113				MO-2	HA
LAE BOTANY	06.71S	146.99E	710213 22	113				MO-2	HB
LAE BOTANY	06.71S	146.99E	710213 22	113				MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	710313 19	89				MO-2	HA
BOUGAINVILLE, PANGUNA	06.32S	155.48E	710714 06	201	124.40	12.90		MO-2	HA
BOUGAINVILLE, PANGUNA	06.32S	155.48E	710714 06	201				MO-2	HB
BOUGAINVILLE, PANGUNA	06.32S	155.48E	710714 06	201				MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	710719 14	222				MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	710719 14	222				MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	710719 14	222				MO-2	HZ
BOUGAINVILLE, PANGUNA	06.32S	155.35E	710726 01	286	59.00	5.00		MO-2	HA
DEPT OF WORKS, RABAUL	04.22S	152.19E	710807 20		62.00	4.00		MO-2	HA
DEPT OF WORKS, RABAUL	04.22S	152.19E	710807 20					MO-2	HB
DEPT OF WORKS, RABAUL	04.22S	152.19E	710807 20					MO-2	HZ
DEPT OF WORKS, RABAUL	04.22S	152.19E	710914 05	261				MO-2	HA
DEPT OF WORKS, RABAUL	04.22S	152.19E	710914 05	261				MO-2	HB
DEPT OF WORKS, RABAUL	04.22S	152.19E	710914 05	261				MO-2	HZ
LAE BOTANY	06.71S	146.99E	710925 04	49	148.90	5.20		MO-2	HA
DEPT OF WORKS, RABAUL	04.22S	152.19E	711014 13	35				MO-2	HA
DEPT OF WORKS, RABAUL	04.22S	152.19E	711014 13	35				MO-2	HB
DEPT OF WORKS, RABAUL	04.22S	152.19E	711014 13	35				MO-2	HZ
DEPT OF WORKS, RABAUL	04.22S	152.19E	711028 06		72.10	5.30		MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	720118 21	193				MO-2	HA
UPPER RAMU, YONKI	06.24S	145.97E	720118 21	193				MO-2	HB
UPPER RAMU, YONKI	06.24S	145.97E	720118 21	193				MO-2	HZ
UPPER RAMU, YONKI	06.24S	145.97E	720119 15	204				MO-2	HA
LAE BOTANY	06.71S	146.99E	720120 09	41				MO-2	HA
LAE BOTANY	06.71S	146.99E	720120 09	41				MO-2	HB
LAE BOTANY	06.71S	146.99E	720120 09	41				MO-2	HZ
MUSA DAMSITE B	09.55S	148.67E	720916 04	6	186.80	8.90		MO-2	HA
MUSA DAMSITE B	09.55S	148.67E	720916 04	6				MO-2	HB
MUSA DAMSITE B	09.55S	148.67E	720916 04	6				MO-2	HZ
MUSA RIDGE A	09.55S	148.67E	720916 04	6				MO-2	HA
MUSA RIDGE A	09.55S	148.67E	720916 04	6				MO-2	HB
MUSA RIDGE A	09.55S	148.67E	720916 04	6				MO-2	HZ
LAE BOTANY	06.71S	146.99E	721028 02	73	314.70	12.90		MO-2	HA
LAE BOTANY	06.71S	146.99E	721028 02	73				MO-2	HB
LAE BOTANY	06.71S	146.99E	721028 02	73				MO-2	HZ
LAE BOTANY	06.71S	146.99E	721105 20	154				MO-2	HA
LAE BOTANY	06.71S	146.99E	721105 20	154				MO-2	HB
LAE BOTANY	06.71S	146.99E	721105 20	154				MO-2	HZ
LAE BOTANY	06.71S	146.99E	730322 17	69				MO-2	HA
BOUGAINVILLE, YONKI	06.24S	145.97E	730813 08	290				MO-2	HA
LAE BOTANY	06.71S	146.99E	730813 08	411				MO-2	HA
LAE BOTANY	06.71S	146.99E	730813 08	411				MO-2	HB

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
PAPUA NEW GUINEA (CONT.)									
LAE BOTANY	06.71S	146.99E	730813 08	411				MO-2	HZ
DEPT OF WORKS UPPER RAMU YONKI	06.24S	145.97E	731125 16	59				MO-2	HB
DEPT OF WORKS UPPER RAMU YONKI	06.24S	145.97E	731125 16	59				MO-2	HZ
DEPT OF WORKS, RABAUL	04.22S	152.19E	740302 23					MO-2	HA
DEPT OF WORKS, RABAUL	04.22S	152.19E	740302 23					MO-2	HB
DEPT OF WORKS, RABAUL	04.22S	152.19E	740302 23					MO-2	HZ
DEPT OF WORKS, RABAUL	04.22S	152.19E	740302 23					MO-2	HA
BOUGAINVILLE, YONKI	06.24S	145.97E	740304 06	128				MO-2	HA
BOUGAINVILLE, YONKI	06.24S	145.97E	740304 06	128				MO-2	HB
BOUGAINVILLE, YONKI	06.24S	145.97E	740304 06	128				MO-2	HZ
BOUGAINVILLE, YONKI	06.24S	145.97E	740325 18	26	64.40	2.40		MO-2	HA
BOUGAINVILLE, YONKI	06.24S	145.97E	740325 18	26				MO-2	HB
BOUGAINVILLE, YONKI	06.24S	145.97E	740325 18	26				MO-2	HZ
BOUGAINVILLE, PANGUNA	06.24S	145.97E	740920 21	15	222.90	9.40		MO-2	HA
BOUGAINVILLE, PANGUNA	06.24S	145.97E	740920 21	15				MO-2	HB
BOUGAINVILLE, PANGUNA	06.24S	145.97E	740920 21	15				MO-2	HZ
INTAKE UPPER RAMU	06.23S	145.96E	740920 21	16				MO-2	HA
PEOPLE'S REPUBLIC OF CHINA									
BEIJING HOTEL			760727 19		220.60				EW
BEIJING HOTEL			760727 19		244.80				SN
BEIJING HOTEL			760727 19		113.40				UD
FENGCUN RAILWAY BRIDGE, HEBEI			760727 19		15.90				EW
FENGCUN RAILWAY BRIDGE, HEBEI			760727 19		24.10				SN
FENGCUN RAILWAY BRIDGE, HEBEI			760727 19		10.40				UD
GUANTPNG RESERVOIR, BEIJING			760727 19		41.40				SN
GUANTPNG RESERVOIR, BEIJING			760727 19		36.10				UD
HONGSHAN, HEBEI			760727 19		14.50				EW
HONGSHAN, HEBEI			760727 19		7.10				SN
HONGSHAN, HEBEI			760727 19		4.70				UD
HUJIALO, BEIJING			760727 19		148.60				EW
HUJIALO, BEIJING			760727 19		224.00				SN
HUJIALO, BEIJING			760727 19		89.80				UD
MIYUN RESERVOIR, BEIJING			760727 19		172.70				EW
MIYUN RESERVOIR, BEIJING			760727 19		60.10				UD
BEIJING HOTEL			760728 10		100.70				EW
BEIJING HOTEL			760728 10		68.80				SN
BEIJING HOTEL			760728 10		25.30				UD
HUJIALO, BEIJING			760728 10		70.00				EW
HUJIALO, BEIJING			760728 10		112.00				SN
HUJIALO, BEIJING			760728 10		34.10				UD
TANGSHAN AIRFIELD			760730 21		34.40				EW
TANGSHAN AIRFIELD			760730 21		29.00				SN
TANGSHAN AIRFIELD			760801 10		20.10				EW
TANGSHAN AIRFIELD			760801 10		20.10				SN
TANGSHAN AIRFIELD			760801 10		18.00				UD
QIANAN LANHEI BRIDGE, HEBEI			760802 10		18.20				EW
QIANAN LANHEI BRIDGE, HEBEI			760802 10		21.70				SN
QIANAN LANHEI BRIDGE, HEBEI			760802 10		8.70				UD
QIANAN LANHEI BRIDGE, HEBEI			760803 09		52.00				EW
QIANAN LANHEI BRIDGE, HEBEI			760803 09		59.30				SN
QIANAN LANHEI BRIDGE, HEBEI			760803 09		18.60				UD
TANGSHAN AIRFIELD			760803 10		40.40				EW
TANGSHAN AIRFIELD			760803 10		47.10				SN

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
PEOPLE'S REPUBLIC OF CHINA (CONT.)									
TANGSHAN AIRFIELD			760803 10		22.50				UD
QIANAN LANHEI BRIDGE, HEBEI			760803 12		21.60				EW
QIANAN LANHEI BRIDGE, HEBEI			760803 12		23.50				SN
QIANAN LANHEI BRIDGE, HEBEI			760803 12		8.10				UD
QIANAN LANHEI BRIDGE, HEBEI			760804 23		16.20				EW
QIANAN LANHEI BRIDGE, HEBEI			760804 23		24.00				SN
QIANAN LANHEI BRIDGE, HEBEI			760804 23		7.80				UD
TANGSHAN AIRFIELD			760805 15		12.00				EW
TANGSHAN AIRFIELD			760805 15		17.10				SN
TANGSHAN AIRFIELD			760805 15		14.20				UD
QIANAN LANHEI BRIDGE, HEBEI			760807 03		25.60				EW
QIANAN LANHEI BRIDGE, HEBEI			760807 03		23.20				SN
QIANAN LANHEI BRIDGE, HEBEI			760807 03		8.70				UD
CHANGLI FENGHJANGSHAN, HEBEI			760808 11		11.50				EW
CHANGLI FENGHJANGSHAN, HEBEI			760808 11		10.60				SN
CHANGLI FENGHJANGSHAN, HEBEI			760808 11		10.50				UD
QIANAN LANHEI BRIDGE, HEBEI			760808 11		45.10				EW
QIANAN LANHEI BRIDGE, HEBEI			760808 11		55.70				SN
QIANAN LANHEI BRIDGE, HEBEI			760808 11		19.20				UD
TANGSHAN AIRFIELD			760808 11		14.00				EW
TANGSHAN AIRFIELD			760808 11		22.00				SN
TANGSHAN AIRFIELD			760808 11		11.50				UD
TANGSHAN CEMENT MILL			760808 11		14.70				EW
TANGSHAN CEMENT MILL			760808 11		20.00				SN
TANGSHAN CEMENT MILL			760808 11		12.30				UD
YUTIANXIAN ENTERTAINMENT HOUSE			760808 11		11.40				EW
YUTIANXIAN ENTERTAINMENT HOUSE			760808 11		6.00				SN
YUTIANXIAN ENTERTAINMENT HOUSE			760808 11		3.90				UD
CHANGLI FENGHUANGSHAN, HEBEI			760808 22		32.30				EW
CHANGLI FENGHUANGSHAN, HEBEI			760808 22		35.70				SN
CHANGLI FENGHUANGSHAN, HEBEI			760808 22		31.30				UD
QIANAN LANHEI BRIDGE, HEBEI			760808 22		164.20				EW
QIANAN LANHEI BRIDGE, HEBEI			760808 22		177.70				SN
QIANAN LANHEI BRIDGE, HEBEI			760808 22		93.10				UD
TANGSHAN AIRFIELD			760808 22		12.90				EW
TANGSHAN AIRFIELD			760808 22		14.10				SN
TANGSHAN AIRFIELD			760808 22		8.10				UD
TANGSHAN CEMENT MILL			760808 22		4.80				EW
TANGSHAN CEMENT MILL			760808 22		4.60				SN
TANGSHAN CEMENT MILL			760808 22		3.40				UD
YUTIANXIAN ENTERTAINMENT HOUSE			760808 22		7.90				EW
YUTIANXIAN ENTERTAINMENT HOUSE			760808 22		6.70				SN
YUTIANXIAN ENTERTAINMENT HOUSE			760808 22		3.30				UD
QIANAN LANHEI BRIDGE, HEBEI			760814 05		30.80				EW
QIANAN LANHEI BRIDGE, HEBEI			760814 05		72.90				SN
QIANAN LANHEI BRIDGE, HEBEI			760814 05		18.20				UD
QIANAN LANHEI BRIDGE, HEBEI			760814 07		67.00				EW
QIANAN LANHEI BRIDGE, HEBEI			760814 07		106.20				SN
QIANAN LANHEI BRIDGE, HEBEI			760814 07		37.20				UD
QIANAN LANHEI BRIDGE, HEBEI			760814 16		41.20				EW
QIANAN LANHEI BRIDGE, HEBEI			760814 16		63.10				SN
QIANAN LANHEI BRIDGE, HEBEI			760814 16		35.70				UD
TANGSHAN AIRFIELD			760815 10		22.90				EW
TANGSHAN AIRFIELD			760815 10		21.60				SN
TANGSHAN AIRFIELD			760815 10		12.20				UD

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
PEOPLE'S REPUBLIC OF CHINA (CONT.)									
TANGSHAN CEMENT MILL			760815 10		22.00				EW
TANGSHAN CEMENT MILL			760815 10		13.10				UD
TANGSHAN CEMENT MILL			760815 10		19.50				SN
QIANAN LANHEI BRIDGE, HEBEI			760815 21		39.40				EW
QIANAN LANHEI BRIDGE, HEBEI			760815 21		29.00				SN
QIANAN LANHEI BRIDGE, HEBEI			760815 21		15.10				UD
TANGSHAN CEMENT MILL			760818 15		28.30				EW
TANGSHAN CEMENT MILL			760818 15		23.50				SN
TANGSHAN CEMENT MILL			760818 15		9.20				UD
QIANAN LANHEI BRIDGE, HEBEI			760823 07		37.60				EW
QIANAN LANHEI BRIDGE, HEBEI			760823 07		62.30				SN
QIANAN LANHEI BRIDGE, HEBEI			760823 07		17.50				UD
TANGSHAN CEMENT MILL			760825 17		57.70				EW
TANGSHAN CEMENT MILL			760825 17		82.50				SN
QIANAN LANHEI BRIDGE, HEBEI			760826 08		25.90				EW
QIANAN LANHEI BRIDGE, HEBEI			760826 08		30.20				SN
QIANAN LANHEI BRIDGE, HEBEI			760826 08		18.80				UD
QIANAN LANHEI BRIDGE, HEBEI			760827 19		26.70				EW
QIANAN LANHEI BRIDGE, HEBEI			760827 19		30.00				SN
QIANAN LANHEI BRIDGE, HEBEI			760827 19		8.10				UD
QIANAN LANHEI BRIDGE, HEBEI			760828 06		30.70				EW
QIANAN LANHEI BRIDGE, HEBEI			760828 06		58.50				SN
QIANAN LANHEI BRIDGE, HEBEI			760828 06		13.50				UD
CHANGLI FENGHUANGSHAN, HEBEI			760831 03		31.40				EW
CHANGLI FENGHUANGSHAN, HEBEI			760831 03		36.00				SN
CHANGLI FENGHUANGSHAN, HEBEI			760831 03		29.20				UD
QIANAN LANHEI BRIDGE, HEBEI			760831 03		112.30				EW
QIANAN LANHEI BRIDGE, HEBEI			760831 03		149.30				SN
QIANAN LANHEI BRIDGE, HEBEI			760831 03		55.50				UD
CHANGLI FENGHUANGSHAN, HEBEI			760831 03		30.70				EW
CHANGLI FENGHUANGSHAN, HEBEI			760831 03		30.60				EW
CHANGLI FENGHUANGSHAN, HEBEI			760831 03		32.40				UD
QIANAN LANHEI BRIDGE, HEBEI			760831 03		117.70				EW
QIANAN LANHEI BRIDGE, HEBEI			760831 03		121.30				SN
QIANAN LANHEI BRIDGE, HEBEI			760831 03		64.30				UD
QIANAN LANHEI BRIDGE, HEBEI			760831 04		14.00				EW
QIANAN LANHEI BRIDGE, HEBEI			760831 04		20.80				SN
QIANAN LANHEI BRIDGE, HEBEI			760831 04		6.70				UD
QIANAN LANHEI BRIDGE, HEBEI			760831 05		21.40				EW
QIANAN LANHEI BRIDGE, HEBEI			760831 05		21.20				SN
QIANAN LANHEI BRIDGE, HEBEI			760831 05		9.60				UD
QIANAN LANHEI BRIDGE, HEBEI			760902 08		51.10				EW
QIANAN LANHEI BRIDGE, HEBEI			760902 08		47.30				SN
QIANAN LANHEI BRIDGE, HEBEI			760902 08		23.00				UD
QIANAN LANHEI BRIDGE, HEBEI			760906 17		29.80				EW
QIANAN LANHEI BRIDGE, HEBEI			760906 17		36.40				SN
QIANAN LANHEI BRIDGE, HEBEI			760906 17		12.70				UD
QIANAN LANHEI BRIDGE, HEBEI			760906 20		19.30				EW
QIANAN LANHEI BRIDGE, HEBEI			760906 20		21.30				SN
QIANAN LANHEI BRIDGE, HEBEI			760906 20		9.90				UD
QIANAN LANHEI BRIDGE, HEBEI			760925 11		42.20				EW
QIANAN LANHEI BRIDGE, HEBEI			760925 11		36.40				SN
QIANAN LANHEI BRIDGE, HEBEI			760925 11		18.30				UD
QIANAN LANHEI BRIDGE, HEBEI			760928 23		24.70				EW
QIANAN LANHEI BRIDGE, HEBEI			760928 23		34.80				SN

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
PEOPLE'S REPUBLIC OF CHINA (CONT.)									
QIANAN LANHEI BRIDGE, HEBEI			760928 23		13.70				UD
QIANAN LANHEI BRIDGE, HEBEI			760930 20		40.50				EW
QIANAN LANHEI BRIDGE, HEBEI			760930 20		38.80				SN
QIANAN LANHEI BRIDGE, HEBEI			760930 20		16.50				UD
BEIJING HOTEL			761115 13		160.60				EW
BEIJING HOTEL			761115 13		93.00				SN
FENGCUN RAILWAY BRIDGE, HEBEI			761115 13		8.20				EW
FENGCUN RAILWAY BRIDGE, HEBEI			761115 13		8.80				SN
FENGCUN RAILWAY BRIDGE, HEBEI			761115 13		3.90				UD
GNANTING RESERVOIR, BEIJING			761115 13		22.90				SN
GNANTING RESERVOIR, BEIJING			761115 13		13.40				UD
TIANJIN HOSPITAL			761115 13		107.20				EW
TIANJIN HOSPITAL			761115 13		571.60				SN
TIANJIN HOSPITAL			761115 13		169.20				UD
TONGXIAN BALI BRIDGE, BEIJING			761115 13		57.80				EW
TONGXIAN BALI BRIDGE, BEIJING			761115 13		65.10				SN
TONGXIAN BALI BRIDGE, BEIJING			761115 13		25.00				UD
TONGXIAN DONGGUAN BRIDGE			761115 13		43.10				EW
TONGXIAN DONGGUAN BRIDGE			761115 13		59.50				SN
TONGXIAN DONGGUAN BRIDGE			761115 13		70.00				UD
ZHONGGUANCUN, BEIJING			761115 13		41.40				EW
ZHONGGUANCUN, BEIJING			761115 13		58.20				SN
PERU									
GEO INST, PLAZA HABICH, LIMA	12.12S	077.07W	510131 16	102	73.00		.02	STD	N08E
GEO INST, PLAZA HABICH, LIMA	12.12S	077.07W	510131 16	102				STD	N82W
GEO INST, PLAZA HABICH, LIMA	12.12S	077.07W	510131 16	102				STD	V
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	661017 21	238				STD	N08E
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	661017 21	238				STD	N82W
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	661017 21	238				STD	V
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	700531 20	376				STD	N08E
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	700531 20	376				STD	N82W
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	700531 20	376				STD	V
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	711129 18	123				STD	N08E
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	711129 18	123				STD	N82W
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	711129 18	123				STD	V
INSTITUTO GEOFISICO, LIMA	12.12S	077.07W	711129 18	123				S-M	N82W
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	740105 08	80				STD	N08E
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	740105 08	80				STD	N82W
GEO INST, AVE AREQUIPA, LIMA	12.12S	077.07W	740105 08	80				STD	V
ZARATE STATION, LIMA	12.03S	077.02W	740105 08	78				SMA	L
ZARATE STATION, LIMA	12.03S	077.02W	740105 08	78				SMA	T
ZARATE STATION, LIMA	12.03S	077.02W	740105 08	78				SMA	V
CASA HUACO,LAS GARDENIAS, LIMA	12.03S	077.02W	741003 14	87				SMA	L
CASA HUACO,LAS GARDENIAS, LIMA	12.03S	077.02W	741003 14	87				SMA	T
CASA HUACO,LAS GARDENIAS, LIMA	12.03S	077.02W	741003 14	87				SMA	V
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741003 14	82				STD	N08E
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741003 14	82				STD	N82W
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741003 14	82				STD	N82W
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741003 14	82				STD	N82W
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741003 14	82				STD	V
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741109 12	82				STD	N08E
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741109 12	82				STD	N82W
GEO INST, AVE. AREQUIPA, LIMA	12.12S	077.07W	741109 12	82				STD	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
PERU (CONT.)									
LA MOLINA STATION, LIMA, PERU	12.13S	076.95W	741109 12	99				SMA	L
LA MOLINA STATION, LIMA, PERU	12.13S	076.95W	741109 12	99				SMA	T
LA MOLINA STATION, LIMA, PERU	12.13S	076.95W	741109 12	99				SMA	V
RUMANIA									
BLDG. RESEARCH INST, BUCHAREST			770304 19	166	174.50	32.60	10.60	SMAC-B	EW
BLDG. RESEARCH INST, BUCHAREST			770304 19	166	201.80	75.10	20.10	SMAC-B	NS
BLDG. RESEARCH INST, BUCHAREST			770304 19	166	107.10	12.50	3.00	SMAC-B	V
TAIWAN									
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801018 00	47	21.20				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801018 00	47	24.40				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801018 00	47	14.20				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801114 13	10	68.70				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801114 13	10	78.50				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801114 13	10	29.70				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801114 13	13	23.40				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801114 13	13	24.50				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	801114 13	13	10.40				V
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810124 14	89	7.90				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810124 14	89	9.00				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810124 14	89	3.20				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810129 04	31	158.70				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810129 04	31	243.60				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810129 04	31	91.60				V
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810227 02	16	13.70				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810227 02	16	12.90				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810227 02	16	4.30				V
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810302 12	195	7.10				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810302 12	195	10.80				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.77E	810302 12	195	2.80				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810310 08	8	23.20				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810310 08	8	34.10				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810310 08	8	15.50				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810322 21	9	23.00				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810322 21	9	19.30				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810322 21	9	13.40				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810503 19	22	21.10				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810503 19	22	18.50				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810503 19	22	16.30				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810601 11	33	14.60				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810601 11	33	14.40				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810601 11	33	19.40				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810820 19	0	23.00				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810820 19	0	35.40				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810820 19	0	22.70				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810820 20	3	26.00				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810820 20	3	35.40				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810820 20	3	19.90				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810830 18	24	32.40				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810830 18	24	44.20				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	810830 18	24	18.60				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	811005 13	1	95.70				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	811005 13	1	55.50				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	811005 13	1	42.10				V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
TAIWAN (CONT.)									
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820123 14	87	23.90				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820123 14	87	24.90				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820123 14	87	12.40				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820221 06	11	27.80				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820221 06	11	26.80				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820221 06	11	22.00				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820228 13	7	69.90				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820228 13	7	90.00				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820228 13	7	31.60				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820401 04	23	39.20				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820401 04	23	30.60				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	820401 04	23	21.10				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	821217 02	118	62.80				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	821217 02	118	86.10				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	821217 02	118	31.80				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830426 15	117	49.80				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830426 15	117	24.90				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830426 15	117	12.40				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830510 00	35	70.80				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830510 00	35	64.10				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830510 00	35	45.90				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830621 14	119	27.80				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830621 14	119	37.30				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830621 14	119	13.40				V
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830624 09	116	53.60				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830624 09	116	65.10				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830921 19	100	35.40				EW
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830921 19	100	36.40				NS
SMART-1 ARRAY, TAIWAN	24.67N	121.75E	830921 19	100	18.20				V
UNITED STATES									
CMD BLDG., VERNON	34.00N	118.20W	330311 01	51	151.51	17.31	17.53	S-M	N82W
CMD BLDG., VERNON	34.00N	118.20W	330311 01	51	130.63	29.04	15.45	S-M	S08W
CMD BLDG., VERNON	34.00N	118.20W	330311 01	51	149.49	12.01	7.37	S-M	V
PUB. UTIL. BLDG., LONG BEACH	33.77N	118.19W	330311 01	29	192.73	29.42	22.72	S-M	SOUTH
PUB. UTIL. BLDG., LONG BEACH	33.77N	118.19W	330311 01	29	279.78	30.18	26.39	S-M	V
PUB. UTIL. BLDG., LONG BEACH	33.77N	118.19W	330311 01	29	155.99	16.51	11.86	S-M	WEST
SUBWAY TERMINAL, LOS ANGELES	34.05N	118.25W	330311 01	58	62.32	17.34	8.21	S-MD	N39E
SUBWAY TERMINAL, LOS ANGELES	34.05N	118.25W	330311 01	58	95.63	23.68	16.33	S-MD	N51W
SUBWAY TERMINAL, LOS ANGELES	34.05N	118.25W	330311 01	58	63.60	9.07	5.72	S-MD	V
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	331002 09	38	43.25	5.24	1.85	S-M	N00E
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	331002 09	38	85.43	9.40	4.37	S-M	N90E
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	331002 09	38	26.35	2.20	.44	S-MD	N90W
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	331002 09	38	26.80	1.93	.91	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	340706 22	128	14.50	1.40	1.12	S-M	N45W
CITY HALL, FERNDALE	40.58N	124.26W	340706 22	128	14.64	1.05	1.26	S-M	S45W
CITY HALL, FERNDALE	40.58N	124.26W	340706 22	128	5.98	.81	1.03	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	341230 13	59	179.14	20.85	4.19	S-M	S00W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	341230 13	59	179.15	11.56	3.66	S-M	S90W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	341230 13	59	68.15	8.77	5.61	S-M	V
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 18	43	24.67	.33	.00	S-M	EAST
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 18	43	29.22	.39	.01	S-M	NORTH
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 18	43	6.91	.21	.00	S-M	V
CARROLL COLLEGE, HELENA	46.58N	112.03W	351031 18	2	143.71	7.20	.94	S-M	S00W
CARROLL COLLEGE, HELENA	46.58N	112.03W	351031 18	2	142.49	13.32	3.73	S-M	S90W
CARROLL COLLEGE, HELENA	46.58N	112.03W	351031 18	2	87.62	9.65	2.49	S-M	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 19	41	25.27	.39	.15	S-M	EAST
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 19	41	29.35	.54	.31	S-M	NORTH
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 19	41	7.11	.52	.67	S-M	V
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 20	41				USCGS	EAST
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 20	41				USCGS	NORTH
FEDERAL BLDG., HELENA	46.98N	112.07W	351031 20	41				USCGS	V
FEDERAL BLDG., HELENA	46.98N	112.07W	351101 03	41	11.04	.41	.22	S-M	EAST
FEDERAL BLDG., HELENA	46.98N	112.07W	351101 03	41	7.30	.28	.17	S-M	NORTH
FEDERAL BLDG., HELENA	46.98N	112.07W	351101 03	41	4.95	.20	.14	S-M	V
FEDERAL BLDG., HELENA	46.98N	112.07W	351128 14	43	83.06	3.88	.98	S-M	EAST
FEDERAL BLDG., HELENA	46.98N	112.07W	351128 14	43	75.70	2.46	.34	S-M	NORTH
FEDERAL BLDG., HELENA	46.98N	112.07W	351128 14	43	31.73	1.42	.78	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	370207 04	84	36.20	2.38	.27	USCGS	S45W
CITY HALL, FERNDALE	40.58N	124.26W	370207 04	84	38.45	4.07	.90	S-M	N45W
CITY HALL, FERNDALE	40.58N	124.26W	370207 04	84	13.93	1.59	1.04	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380412 16	15	48.78	3.86	3.08	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380412 16	15	28.21	1.81	1.32	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380412 16	15	21.33	1.38	2.41	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380606 12	67	12.28	.84	.40	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380606 12	67	8.37	.53	.80	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	380606 12	67	3.94	.57	.95	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	380912 06	59	140.88	6.60	3.89	S-M	N45E
CITY HALL, FERNDALE	40.58N	124.26W	380912 06	59	87.14	6.78	1.65	S-M	S45E
CITY HALL, FERNDALE	40.58N	124.26W	380912 06	59	31.73	1.70	.14	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	400519 04	7	341.70	33.44	10.87	S-M	S00E
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	400519 04	7	210.14	36.92	19.78	S-M	S90W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	400519 04	7	206.34	10.83	5.55	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	400519 04	7	77.20	3.99	1.59	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	400519 04	7	63.96	5.10	2.81	S-M	NORTH
CITY HALL, FERNDALE	40.58N	124.26W	410209 09	103	61.46	3.57	1.00	S-M	N45E
CITY HALL, FERNDALE	40.58N	124.26W	410209 09	103	38.66	3.63	.91	S-M	S45E
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	410701 07	13	233.77	21.77	3.74	S-M	N45E
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	410701 07	13	172.30	21.69	3.92	S-M	S45E
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	410701 07	13	68.52	3.64	2.59	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	411003 16	29	119.07	6.80	1.39	USCGS	N45W
CITY HALL, FERNDALE	40.58N	124.26W	411003 16	29	118.64	6.92	2.95	S-M	N45W
CITY HALL, FERNDALE	40.58N	124.26W	411003 16	29	113.62	5.74	2.51	S-M	S45W
CITY HALL, FERNDALE	40.58N	124.26W	411003 16	29	37.54	2.56	1.12	S-M	V
CHAMBER OF COMMERCE, L. A.	34.03N	118.25W	411114 08	28	11.29	1.30	.39	USCGS	S40W
CHAMBER OF COMMERCE, L. A.	34.03N	118.25W	411114 08	28	14.94	1.33	.84	S-M	S50E
CHAMBER OF COMMERCE, L. A.	34.03N	118.25W	411114 08	28	6.93	.56	.08	USCGS	V
PUB. UTIL. BLDG., LONG BEACH	33.77N	118.19W	411114 08	6	53.70	9.21	3.69	S-M	EAST
PUB. UTIL. BLDG., LONG BEACH	33.77N	118.19W	411114 08	6	39.72	7.61	2.47	S-M	NORTH
PUB. UTIL. BLDG., LONG BEACH	33.77N	118.19W	411114 08	6	8.47	1.04	.56	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	421021 16	48	46.53	6.05	3.33	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	421021 16	48	58.48	6.22	4.24	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	421021 16	48	25.18	1.58	.79	S-M	V
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	490309 12	20	194.02	12.29	.90	S-M	N89W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	490309 12	20	120.05	7.98	.78	S-M	S01W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	490309 12	20	69.74	3.63	.36	S-M	V
DIST ENGRS OFC, SEATTLE	47.55N	122.33W	490413 19	36	65.85	7.93	2.67	USCGS	N88W
DIST ENGRS OFC, SEATTLE	47.55N	122.33W	490413 19	36	66.50	8.22	2.40	USCGS	S02W
DIST ENGRS OFC, SEATTLE	47.55N	122.33W	490413 19	36	21.95	2.38	2.30	USCGS	V
HWY TEST LAB, OLYMPIA	47.03N	122.90W	490413 19	39	161.63	21.39	8.57	S-M	N04W
HWY TEST LAB, OLYMPIA	47.03N	122.90W	490413 19	39	274.62	17.08	10.37	S-M	N86E

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
HWY TEST LAB, OLYMPIA	47.03N	122.90W	490413 19	39	90.62	7.02	4.03	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	510124 07	36	27.56	3.09	.99	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	510124 07	36	30.58	2.78	.80	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	510124 07	36	13.63	.78	.08	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	511008 04	59	109.50	7.38	2.73	S-M	N46W
CITY HALL, FERNDALE	40.58N	124.26W	511008 04	59	102.13	4.36	1.14	S-M	S44W
CITY HALL, FERNDALE	40.58N	124.26W	511008 04	59	25.98	1.98	.23	S-M	V
FIREHOUSE, TEHACHAPI	35.13N	118.45W	5207	25	63.71	3.37	1.69	S-M	N10E
FIREHOUSE, TEHACHAPI	35.13N	118.45W	5207	25	61.81	9.80	4.31	S-M	S80E
FIREHOUSE, TEHACHAPI	35.13N	118.45W	5207	25	36.71	2.40	.67	S-M	V
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	520721 11	126	46.46	6.23	2.69	SMA-1	S00E
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	520721 11	126	52.06	9.06	2.87	S-M	S90W
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	520721 11	126	29.70	3.38	.93	S-M	V
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	520721 11	90	87.83	11.76	4.64	S-M	N42E
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	520721 11	90	128.61	19.27	5.76	S-M	S48E
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	520721 11	90	43.60	5.00	2.15	S-M	V
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	520721 11	120	43.52	9.37	5.88	S-M	N90E
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	520721 11	120	58.10	6.57	4.54	S-MD	S00W
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	520721 11	120	52.44	5.09	3.62	S-M	V
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	520721 11	120	145.61	21.68	10.36	S-M	WEST
LINCOLN SCHOOL, TAFT	35.15N	119.45W	520721 11	43	152.70	15.72	6.69	S-M	N21E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	520721 11	43	175.94	17.72	9.00	S-M	S69E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	520721 11	43	102.85	6.67	5.03	S-M	V
FIREHOUSE, TEHACHAPI	35.13N	118.45W	520723	26	63.71	3.37	1.69	S-M	N10E
FIREHOUSE, TEHACHAPI	35.13N	118.45W	520723	26	61.81	9.80	4.31	S-M	S80E
FIREHOUSE, TEHACHAPI	35.13N	118.45W	520723	26	36.71	2.40	.67	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	520922 11	44	53.10	6.94	2.04	S-M	N44E
CITY HALL, FERNDALE	40.58N	124.26W	520922 11	44	74.13	4.74	1.85	S-M	S46E
CITY HALL, FERNDALE	40.58N	124.26W	520922 11	44	74.07	4.83	1.15	S-M	S46E
CITY HALL, FERNDALE	40.58N	124.26W	520922 11	44	29.24	3.02	1.52	S-M	V
CITY REC BLDG,SAN LUIS OBISPO	35.28N	120.67W	521122 07	75	52.91	3.35	.79	S-M	N36W
CITY REC BLDG,SAN LUIS OBISPO	35.28N	120.67W	521122 07	75	35.49	3.08	1.18	S-M	S54W
CITY REC BLDG,SAN LUIS OBISPO	35.28N	120.67W	521122 07	75	26.47	2.46	.70	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	530614 04	16	35.84	6.32	1.51	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	530614 04	16	7.21	1.39	1.31	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	530614 04	16	16.85	.88	.98	S-M	V
LINCOLN SCHOOL, TAFT	35.15N	119.45W	540112 23	43	64.16	5.87	.83	S-M	N21E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	540112 23	43	66.80	3.68	1.06	S-M	S69E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	540112 23	43	35.55	1.78	.27	S-M	V
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	540425 20	26	52.70	3.68	.45	S-M	N89W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	540425 20	26	48.94	4.52	1.36	S-M	S01W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	540425 20	26	21.93	1.53	.20	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	541221 19	26	155.72	35.65	14.17	S-M	N44E
CITY HALL, FERNDALE	40.58N	124.26W	541221 19	26	197.26	26.03	9.65	S-M	N46W
CITY HALL, FERNDALE	40.58N	124.26W	541221 19	26	41.92	7.60	3.89	S-M	V
FEDERAL BLDG., EUREKA	40.80N	124.16W	541221 19	5	164.53	31.59	12.43	S-M	N11W
FEDERAL BLDG., EUREKA	40.80N	124.16W	541221 19	5	252.71	29.37	14.05	S-M	N79E
FEDERAL BLDG., EUREKA	40.80N	124.16W	541221 19	5	81.52	8.62	4.62	S-M	V
BANK OF AMERICA, SAN JOSE	37.33N	121.88W	550905 02	10	126.44	15.23	4.23	S-M	N31W
BANK OF AMERICA, SAN JOSE	37.33N	121.88W	550905 02	10	106.35	3.72	.52	S-M	N59E
BANK OF AMERICA, SAN JOSE	37.33N	121.88W	550905 02	10	118.20	7.98	3.97	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	551217 05	25	71.06	5.16	2.19	S-M	EAST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	551217 05	25	62.52	4.60	2.06	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	551217 05	25	56.48	1.54	.61	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	551217 06	25	70.22	4.73	.99	S-M	EAST

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	551217 06	25	62.90	4.74	1.23	S-M	NORTH
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	551217 06	25	56.28	.87	.07	S-M	V
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	560209 15	120	11.82	1.89	1.65	S-M	S00W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	560209 15	120	15.44	2.66	2.29	S-M	S90W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	560209 15	120	3.70	1.77	2.93	S-M	V
NAVAL LAB, PORT HUENEME	34.15N	119.20W	570318 18	4	163.63	17.93	4.02	S-M	SOUTH
NAVAL LAB, PORT HUENEME	34.15N	119.20W	570318 18	4	24.71	1.93	.47	S-MD	V
NAVAL LAB, PORT HUENEME	34.15N	119.20W	570318 18	4	86.85	8.85	2.61	S-M	WEST
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 19	14	41.79	2.87	1.30	S-M	N09W
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 19	14	45.39	2.12	.99	S-M	N81E
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 19	14	30.04	1.33	.43	S-M	V
CITY HALL, OAKLAND	37.80N	122.27W	570322 19	23	88.16	10.66	4.33	S-M	N26E
CITY HALL, OAKLAND	37.80N	122.27W	570322 19	23	59.95	5.98	1.90	S-M	N46W
CITY HALL, OAKLAND	37.80N	122.27W	570322 19	23	24.38	1.09	.16	S-M	S64E
CITY HALL, OAKLAND	37.80N	122.27W	570322 19	23	96.44	4.06	3.54	S-M	V
GOLDEN GATE PARK,SAN FRANCISCO	37.77N	122.47W	570322 19	11	81.80	4.90	2.23	RFT-250	N10E
GOLDEN GATE PARK,SAN FRANCISCO	37.77N	122.47W	570322 19	11	103.16	4.74	.46	RFT-250	S80E
GOLDEN GATE PARK,SAN FRANCISCO	37.77N	122.47W	570322 19	11	37.19	1.21	.67	RFT-250	V
S. PACIFIC BLDG, SAN FRANCISCO	37.80N	122.40W	570322 19	16	45.86	2.89	1.09	S-M	N45E
S. PACIFIC BLDG, SAN FRANCISCO	37.80N	122.40W	570322 19	16	44.88	4.95	1.39	S-M	N45W
S. PACIFIC BLDG, SAN FRANCISCO	37.80N	122.40W	570322 19	16	26.82	1.46	.87	S-M	V
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 19	16	45.86	2.89	1.09	S-M	N45E
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 19	16	44.89	4.84	1.05	S-M	N45W
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 19	16	26.82	1.46	.87	S-M	V
STATE BLDG., SAN FRANCISCO	37.78N	122.42W	570322 19	13	84.07	5.24	1.01	D-M	S09E
STATE BLDG., SAN FRANCISCO	37.78N	122.42W	570322 19	13	55.12	4.11	.66	D-M	S81W
STATE BLDG., SAN FRANCISCO	37.78N	122.42W	570322 19	13	43.51	2.33	.64	D-M	V
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	18.59	.97	.72	S-M	N09W
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	15.69	.81	.25	S-M	N81E
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	35.79	2.43	2.31	S-M	S09E
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	39.55	2.63	1.54	S-M	S81W
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	17.80	1.69	2.72	S-M	V
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	8.13	1.98	1.09	S-M	N26E
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	14.75	2.69	.95	S-M	N64W
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	3.53	.59	.35	S-M	S64E
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	5.75	.86	.46	S-M	V
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 23	17	8.56	.82	.40	S-M	N45E
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 23	17	24.58	2.61	1.17	S-M	N45W
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 23	17	6.05	.87	.88	S-M	V
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	18.59	.97	.72	S-M	N09W
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	15.69	.81	.25	S-M	N81E
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	35.79	2.43	2.31	S-M	S09E
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	39.55	2.63	1.54	S-M	S81W
ALEXANDER BLDG, SAN FRANCISCO	37.78N	122.40W	570322 23	15	17.80	1.69	2.72	S-M	V
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	8.13	1.98	1.09	S-M	N26E
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	14.75	2.69	.95	S-M	N64W
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	3.53	.59	.35	S-M	S64E
CITY HALL, OAKLAND	37.80N	122.27W	570322 23	23	5.75	.86	.46	S-M	V
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 23	17	8.56	.82	.40	S-M	N45E
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 23	17	24.58	2.61	1.17	S-M	N45W
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570322 23	17	6.05	.87	.88	S-M	V
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570323 00	18	2.07	.41	.37	S-M	N45E
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570323 00	18	9.00	.91	.47	S-M	N45W
SOPAC BLDG., SAN FRANCISCO	37.80N	122.40W	570323 00	18	2.79	.54	.51	S-M	V
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	600120 03	8	56.05	5.36	1.27	S-M	N89W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	600120 03	8	35.33	3.64	1.21	S-M	S01W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	600120 03	8	23.79	1.96	.25	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	600606 01	32	57.57	3.11	1.21	S-M	N46W
CITY HALL, FERNDALE	40.58N	124.26W	600606 01	32	73.90	3.47	.69	S-M	S44W
CITY HALL, FERNDALE	40.58N	124.26W	600606 01	32	14.70	1.09	.14	S-M	V
CITY HALL, HOLLISTER	36.85N	121.40W	610409 07	21	175.68	17.14	3.84	S-M	N89W
CITY HALL, HOLLISTER	36.85N	121.40W	610409 07	21	63.46	7.77	2.89	S-M	S01W
CITY HALL, HOLLISTER	36.85N	121.40W	610409 07	21	49.26	4.45	1.85	S-M	V
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	610409 07	21	168.55	10.82	3.00	S-M	N89W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	610409 07	21	74.93	6.28	1.77	S-M	S01W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	610409 07	21	60.22	4.23	1.99	S-M	V
FEDERAL BLDG., EUREKA	40.80N	124.16W	620904 17	22	45.30	3.52	1.70	S-M	N79E
FEDERAL BLDG., EUREKA	40.80N	124.16W	620904 17	22	47.33	2.67	1.18	S-M	S11E
FEDERAL BLDG., EUREKA	40.80N	124.16W	620904 17	22	12.99	1.50	2.00	S-M	V
FEDERAL OFC. BLDG., SEATTLE	47.60N	122.33W	650429 15	22	52.19	5.59	2.55	S-M	S32E
FEDERAL OFC. BLDG., SEATTLE	47.60N	122.33W	650429 15	22	77.57	9.35	5.43	S-MD	S58W
FEDERAL OFC. BLDG., SEATTLE	47.60N	122.33W	650429 15	22	32.12	2.35	1.62	S-M	V
HWY TEST LAB, OLYMPIA	47.03N	122.90W	650429 15	78	134.22	8.05	2.73	S-M	S04E
HWY TEST LAB, OLYMPIA	47.03N	122.90W	650429 15	78	194.33	13.05	3.84	S-M	S86W
HWY TEST LAB, OLYMPIA	47.03N	122.90W	650429 15	61	60.37	3.25	.48	S-MD	V
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	650716 07	15	35.92	1.13	.42	AR-240	EAST
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	650716 07	15	40.44	2.12	.86	AR-240	SOUTH
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	650716 07	15	26.25	.57	.18	AR-240	V
LINCOLN SCHOOL, TAFT	35.15N	119.45W	660628 04	156	8.10	2.10	2.53	S-M	N21E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	660628 04	156	11.41	1.70	.29	S-M	S69E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	660628 04	156	8.10	2.10	2.53	S-M	V
REC BLDG., SAN LUIS OBISPO	35.28N	120.67W	660628 04	72	14.33	.72	.08	S-M	N36W
REC BLDG., SAN LUIS OBISPO	35.28N	120.67W	660628 04	72	11.44	.80	.57	S-M	S54W
REC BLDG., SAN LUIS OBISPO	35.28N	120.67W	660628 04	72	6.12	1.28	.94	S-M	V
SHANDON ARY #12, CHOLAME	35.63N	120.40W	660628 04	54	63.17	8.02	5.68	AR-240	N40W
SHANDON ARY #12, CHOLAME	35.63N	120.40W	660628 04	54	52.14	7.01	4.09	AR-240	N50E
SHANDON ARY #12, CHOLAME	35.63N	120.40W	660628 04	54	44.64	4.97	2.58	AR-240	V
SHANDON ARY #2, CHOLAME	35.72N	120.28W	660628 04	60	479.64	78.08	26.45	AR-240	N65E
SHANDON ARY #2, CHOLAME	35.72N	120.28W	660628 04	60	202.24	14.12	4.33	AR-240	V
SHANDON ARY #5, CHOLAME	35.70N	120.32W	660628 04	57	347.81	23.17	5.30	AR-240	N05W
SHANDON ARY #5, CHOLAME	35.70N	120.32W	660628 04	57	425.68	25.43	7.11	AR-240	N85E
SHANDON ARY #5, CHOLAME	35.70N	120.32W	660628 04	57	116.88	7.28	3.44	AR-240	V
SHANDON ARY #8, CHOLAME	35.67N	120.36W	660628 04	55	269.60	11.75	3.93	AR-240	N40W
SHANDON ARY #8, CHOLAME	35.67N	120.36W	660628 04	55	232.62	10.84	4.42	AR-240	N50E
SHANDON ARY #8, CHOLAME	35.67N	120.36W	660628 04	55	77.73	4.51	2.07	AR-240	V
TEMBLOR #2, CALIFORNIA	35.75N	120.25W	660628 04	61	264.34	14.51	4.65	AR-240	N65W
TEMBLOR #2, CALIFORNIA	35.75N	120.25W	660628 04	61	340.80	22.52	5.49	AR-240	S25W
TEMBLOR #2, CALIFORNIA	35.75N	120.25W	660628 04	61	129.78	4.37	1.39	AR-240	V
PACIFIC T&T BLDG., SACRAMENTO	38.58N	121.50W	660912 16	152	12.48	1.74	.74	S-M	EAST
PACIFIC T&T BLDG., SACRAMENTO	38.58N	121.50W	660912 16	152	14.49	1.57	.73	S-M	SOUTH
PACIFIC T&T BLDG., SACRAMENTO	38.58N	121.50W	660912 16	152	8.07	.83	.64	S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	671210 12	38	103.07	11.81	1.70	S-M	N46W
CITY HALL, FERNDALE	40.58N	124.26W	671210 12	38	232.07	11.93	1.66	S-M	S44W
CITY HALL, FERNDALE	40.58N	124.26W	671210 12	38	32.42	2.69	1.00	S-M	V
FEDERAL BLDG., EUREKA	40.80N	124.16W	671210 12	57	20.12	2.65	.55	S-M	N79E
FEDERAL BLDG., EUREKA	40.80N	124.16W	671210 12	57	20.54	2.29	.80	S-M	S11E
FEDERAL BLDG., EUREKA	40.80N	124.16W	671210 12	57	7.74	1.47	1.29	S-M	V
BETHLEHEM BLDG.,SAN FRANCISCO	37.78N	122.40W	671218 17	102	9.46	1.26	1.28	S-M	NORTH
BETHLEHEM BLDG.,SAN FRANCISCO	37.78N	122.40W	671218 17	102	9.87	1.01	1.15	S-M	V
BETHLEHEM BLDG.,SAN FRANCISCO	37.78N	122.40W	671218 17	102	5.85	1.09	.90	S-M	WEST

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	671218 17	39	13.10	2.67	2.26	S-M	N89W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	671218 17	39	16.29	1.74	2.08	S-M	S01W
PUBLIC LIBRARY, HOLLISTER	36.85N	121.40W	671218 17	39	9.61	.43	.08	S-M	V
LTPWRCO BLDG., SAN DIEGO	32.70N	117.15W	680409 02	111	28.88	6.06	3.04	S-MD	N90E
LTPWRCO BLDG., SAN DIEGO	32.70N	117.15W	680409 02	111	29.52	5.96	4.44	S-MD	S00W
LTPWRCO BLDG., SAN DIEGO	32.70N	117.15W	680409 02	111	12.68	1.88	1.28	S-MD	V
601 W. 5TH ST., LOS ANGELES	34.05N	118.25W	680409 02	221	7.66	2.33	1.98	S-M	N52W
601 W. 5TH ST., LOS ANGELES	34.05N	118.25W	680409 02	221	11.91	3.08	2.31	S-M	S38W
601 W. 5TH ST., LOS ANGELES	34.05N	118.25W	680409 02	221	4.12	1.33	1.36	S-M	V
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	680409 02	214	6.99	2.10	2.02	MO-2	SOUTH
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	680409 02	214	3.81	.98	1.05	MO-2	V
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	680409 02	214	10.06	2.45	1.62	MO-2	WEST
CMD BLDG., VERNON	34.00N	118.20W	680409 02	214	18.45	4.27	2.50	S-M	N83W
CMD BLDG., VERNON	34.00N	118.20W	680409 02	214	18.50	4.65	2.69	S-M	S07W
CMD BLDG., VERNON	34.00N	118.20W	680409 02	214	6.97	2.38	1.47	S-M	V
ENGINEERING BLDG., SANTA ANA	33.75N	117.87W	680409 02	175	13.18	4.38	3.47	S-M	S04E
ENGINEERING BLDG., SANTA ANA	33.75N	117.87W	680409 02	175	11.73	4.28	2.85	S-M	S86W
ENGINEERING BLDG., SANTA ANA	33.75N	117.87W	680409 02	175	5.65	2.21	1.94	S-M	V
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	680409 02	229	12.39	3.18	1.38	S-M	EAST
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	680409 02	229	30.07	11.09	8.77	S-M	SOUTH
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	680409 02	229	9.24	2.70	2.77	S-M	V
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	680409 02	229	34.95	5.11	3.40	S-M	WEST
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	680409 02	69	127.76	25.81	12.24	S-M	S00W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	680409 02	69	56.26	14.68	10.98	S-M	S90W
IMPVALIRRGDIST, EL CENTRO	32.78N	115.54W	680409 02	69	29.73	3.44	3.87	S-M	V
JPL, CALTECH, PASADENA	34.20N	118.17W	680409 02	222	23.03	4.34	1.54	RFT-250	S08W
JPL, CALTECH, PASADENA	34.20N	118.17W	680409 02	222	30.52	4.42	2.16	RFT-250	S82E
JPL, CALTECH, PASADENA	34.20N	118.17W	680409 02	222	6.84	1.66	1.84	RFT-250	V
LTPWRCO, SAN DIEGO	32.70N	117.15W	680409 02	111	28.88	6.06	3.04	S-MD	N90E
LTPWRCO, SAN DIEGO	32.70N	117.15W	680409 02	111	29.52	5.96	4.44	S-M	S00W
LTPWRCO, SAN DIEGO	32.70N	117.15W	680409 02	111	12.68	1.88	1.28	S-M	V
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	680409 02	214	10.32	2.24	1.84	AR-240	EAST
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	680409 02	214	9.82	2.20	1.70	RFT-250	NORTH
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	680409 02	214	6.38	1.14	.85	RFT-250	V
SOCALEDCO, COLTON	34.06N	117.32W	680409 02	149	28.14	2.71	2.11	S-M	EAST
SOCALEDCO, COLTON	34.06N	117.32W	680409 02	149	21.49	3.53	4.25	S-M	SOUTH
SOCALEDCO, COLTON	34.06N	117.32W	680409 02	149	21.46	1.80	1.07	S-M	V
SOCALEDCO, SAN ONOFRE	33.37N	117.55W	680409 02	136	40.02	3.67	1.66	AR-240	N33E
SOCALEDCO, SAN ONOFRE	33.37N	117.55W	680409 02	136	45.53	4.20	2.87	AR-240	N57W
SOCALEDCO, SAN ONOFRE	33.37N	117.55W	680409 02	136	54.15	3.72	1.72	AR-240	V
SUBWAY TERMINAL, LOS ANGELES	34.05N	118.25W	680409 02	221	11.47	3.07	2.30	S-M	S38W
SUBWAY TERMINAL, LOS ANGELES	34.05N	118.25W	680409 02	221	6.97	2.23	1.07	S-MD	S52E
SUBWAY TERMINAL, LOS ANGELES	34.05N	118.25W	680409 02	221	5.41	1.23	1.01	S-M	V
TERMINAL ISLAND, LONG BEACH	33.77N	118.23W	680409 02	208	8.73	3.19	4.98	S-M	N21W
TERMINAL ISLAND, LONG BEACH	33.77N	118.23W	680409 02	208	9.51	2.86	2.11	S-M	S69W
TERMINAL ISLAND, LONG BEACH	33.77N	118.23W	680409 02	208	5.14	1.75	1.82	S-M	V
120 N. ROBERTSON BLVD., L. A.	34.07N	118.38W	700912 14	81				AR-240	S02W
120 N. ROBERTSON BLVD., L. A.	34.07N	118.38W	700912 14	81				AR-240	S88E
120 N. ROBERTSON BLVD., L. A.	34.07N	118.38W	700912 14	81				AR-240	V
1640 S. MARENGO ST., L. A.	34.05N	118.20W	700912 14	66				SMA-1	N37W
1640 S. MARENGO ST., L. A.	34.05N	118.20W	700912 14	66				SMA-1	N38W
1640 S. MARENGO ST., L. A.	34.05N	118.20W	700912 14	66				SMA-1	S52W
1640 S. MARENGO ST., L. A.	34.05N	118.20W	700912 14	66				SMA-1	V
445 FIGUEROA ST., LOS ANGELES	34.05N	118.26W	700912 14	71				AR-240	N38E
445 FIGUEROA ST., LOS ANGELES	34.05N	118.26W	700912 14	71				AR-240	N52W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
445 FIGUEROA ST., LOS ANGELES	34.05N	118.26W	700912 14	71				AR-240	S38W
445 FIGUEROA ST., LOS ANGELES	34.05N	118.26W	700912 14	71				AR-240	V
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	700912 14	16	194.41	9.63	1.03	RFT-250	S25W
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	700912 14	14	139.04	8.87	2.21	RFT-250	S65E
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	700912 14	14	53.05	3.18	1.44	RFT-250	V
646 S. OLIVE ST., L. A.	34.05N	118.25W	700912 14	70				S-M	S37W
646 S. OLIVE ST., L. A.	34.05N	118.25W	700912 14	70				S-M	S53E
646 S. OLIVE ST., L. A.	34.05N	118.25W	700912 14	70				S-M	V
808 S. OLIVE ST., L. A.	34.05N	118.26W	700912 14	71				AR-240	N37E
808 S. OLIVE ST., L. A.	34.05N	118.26W	700912 14	71				AR-240	S37W
808 S. OLIVE ST., L. A.	34.05N	118.26W	700912 14	71				AR-240	S53E
808 S. OLIVE ST., L. A.	34.05N	118.26W	700912 14	71				AR-240	V
945 TIVERTON AVE., L. A.	34.05N	118.43W	700912 14	86				AR-240	N78W
945 TIVERTON AVE., L. A.	34.05N	118.43W	700912 14	86				AR-240	S12W
945 TIVERTON AVE., L. A.	34.05N	118.43W	700912 14	86				AR-240	V
ALLEN RANCH, CEDAR SPRINGS	34.28N	117.33W	700912 14	16	54.91	1.96	2.00	AR-240	S05W
ALLEN RANCH, CEDAR SPRINGS	34.28N	117.33W	700912 14	18	69.88	5.55	2.42	AR-240	S85E
ALLEN RANCH, CEDAR SPRINGS	34.28N	117.33W	700912 14	18	59.31	2.58	1.15	AR-240	V
ARY #1, LAKE HUGHES	34.67N	118.43W	700912 14	94				AR-240	N21E
ARY #1, LAKE HUGHES	34.67N	118.43W	700912 14	94				AR-240	N69W
ARY #1, LAKE HUGHES	34.67N	118.43W	700912 14	94				AR-240	V
CWR SITE, CEDAR SPRINGS	34.30N	117.30W	700912 14	22	69.42	3.96	1.21	AR-240	S36W
CWR SITE, CEDAR SPRINGS	34.30N	117.30W	700912 14	22	55.95	2.94	.77	AR-240	S54E
CWR SITE, CEDAR SPRINGS	34.30N	117.30W	700912 14	22	36.92	1.25	.36	AR-240	V
DEVILS CANYON, SAN BERNARDINO	34.20N	117.33W	700912 14	20				AR-240	EAST
DEVILS CANYON, SAN BERNARDINO	34.20N	117.33W	700912 14	20				AR-240	SOUTH
DEVILS CANYON, SAN BERNARDINO	34.20N	117.33W	700912 14	20				AR-240	V
HALL/RECORDS, SAN BERNARDINO	34.11N	117.29W	700912 14	28	57.52	3.10	1.66	RFT-250	EAST
HALL/RECORDS, SAN BERNARDINO	34.11N	117.29W	700912 14	28	113.83	4.75	1.75	RFT-250	NORTH
HALL/RECORDS, SAN BERNARDINO	34.11N	117.29W	700912 14	28	52.52	1.83	1.54	RFT-250	V
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	700912 14	76				USCGS	EAST
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	700912 14	76				S-M	SOUTH
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	700912 14	76				S-M	V
JPL, CALTECH, PASADENA	34.20N	118.17W	700912 14	59	37.11	2.73	1.24	RFT-250	S08W
JPL, CALTECH, PASADENA	34.20N	118.17W	700912 14	59	25.25	2.04	1.48	RFT-250	S82E
JPL, CALTECH, PASADENA	34.20N	118.17W	700912 14	59	37.45	2.27	1.91	RFT-250	V
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	700912 14	56	34.60	2.96	1.25	RFT-250	EAST
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	700912 14	56	53.62	4.63	3.47	RFT-250	NORTH
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	700912 14	56	19.65	.98	.88	RFT-250	V
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	700912 14	108				AR-240	N21E
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	700912 14	108				AR-240	N69W
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	700912 14	108				AR-240	V
PUDDINGSTONE RESVR, SAN DIMAS	34.08N	117.80W	700912 14	32				AR-240	N34W
PUDDINGSTONE RESVR, SAN DIMAS	34.08N	117.80W	700912 14	32				AR-240	N56E
PUDDINGSTONE RESVR, SAN DIMAS	34.08N	117.80W	700912 14	32				AR-240	V
SANTA ANITA RESVR, ARCADIA	34.18N	118.02W	700912 14	46				AR-240	N03E
SANTA ANITA RESVR, ARCADIA	34.18N	118.02W	700912 14	46				AR-240	N87W
SANTA ANITA RESVR, ARCADIA	34.18N	118.02W	700912 14	46				AR-240	V
SOCALEDCO, COLTON	34.06N	117.32W	700912 14	30	35.38	1.87	.69	S-M	EAST
SOCALEDCO, COLTON	34.06N	117.32W	700912 14	30	40.20	2.55	.94	S-M	SOUTH
SOCALEDCO, COLTON	34.06N	117.32W	700912 14	30	33.61	1.30	.72	S-M	V
WATER & POWER BLDG., L. A.	34.05N	118.25W	700912 14	70				SMA-1	N50W
WATER & POWER BLDG., L. A.	34.05N	118.25W	700912 14	70				SMA-1	S40W
WATER & POWER BLDG., L. A.	34.05N	118.25W	700912 14	70				SMA-1	V
1150 S. HILL ST., LOS ANGELES	34.03N	118.25W	710209 14	43	117.28	56.17	29.94	RFT-250	N37E

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
1150 S. HILL ST., LOS ANGELES	34.03N	118.25W	710209 14	43	139.04	35.77	21.31	RFT-250	S53E
1150 S. HILL ST., LOS ANGELES	34.03N	118.25W	710209 14	43	148.83	10.02	4.60	RFT-250	V
11661 SAN VINCENT BLVD., L. A.	34.05N	118.45W	710209 14	39	109.79	19.75	9.66	MO-2	N35W
11661 SAN VINCENT BLVD., L. A.	34.05N	118.45W	710209 14	39	103.98	17.66	8.37	MO-2	S55W
11661 SAN VINCENT BLVD., L. A.	34.05N	118.45W	710209 14	39	146.00	7.15	2.61	MO-2	V
1177 BEVERLY DR., LOS ANGELES	34.06N	118.40W	710209 14	38	107.91	11.05	5.53	MO-2	N31W
1177 BEVERLY DR., LOS ANGELES	34.06N	118.40W	710209 14	38	97.95	18.16	11.95	MO-2	N59E
1177 BEVERLY DR., LOS ANGELES	34.06N	118.40W	710209 14	38	64.85	4.95	2.26	MO-2	V
120 N. ROBERTSON BLVD., L. A.	34.07N	118.38W	710209 14	37	312.70	27.12	14.49	AR-240	S02W
120 N. ROBERTSON BLVD., L. A.	34.07N	118.38W	710209 14	37	250.49	28.79	9.99	AR-240	S88E
120 N. ROBERTSON BLVD., L. A.	34.07N	118.38W	710209 14	37	123.11	6.22	2.99	AR-240	V
1215 GALLERY, HOOVER DAM	36.02N	114.74W	710209 14	379	.65	.26	.20	USCGS	S45E
1215 GALLERY, HOOVER DAM	36.02N	114.74W	710209 14	379	1.23	.28	.18	S-M	S45W
1215 GALLERY, HOOVER DAM	36.02N	114.74W	710209 14	379	.86	.54	.70	USCGS	V
14724 VENTURA BLVD., L. A.	34.15N	118.45W	710209 14	28	287.37	23.57	7.78	MO-2	N78W
14724 VENTURA BLVD., L. A.	34.15N	118.45W	710209 14	28	375.07	29.05	15.94	MO-2	S12W
14724 VENTURA BLVD., L. A.	34.15N	118.45W	710209 14	28	158.76	14.52	7.28	MO-2	V
15107 VAN OWEN ST., L. A.	34.18N	118.12W	710209 14	36	372.06	55.14	20.48	SMA-1	S00W
15107 VAN OWEN ST., L. A.	34.18N	118.12W	710209 14	36	311.05	34.77	17.20	RFT-250	S90W
15107 VAN OWEN ST., L. A.	34.18N	118.12W	710209 14	36	189.71	19.25	7.36	RFT-250	V
15250 VENTURA BLVD., L. A.	34.15N	118.45W	710209 14	28	254.95	44.66	18.62	MO-2	N11E
15250 VENTURA BLVD., L. A.	34.15N	118.45W	710209 14	28	237.58	54.58	29.28	MO-2	N79W
15250 VENTURA BLVD., L. A.	34.15N	118.45W	710209 14	28	152.31	11.24	5.23	SMA-1	V
15433 VENTURA BLVD., L. A.	34.15N	118.45W	710209 14	28	220.14	26.41	9.36	MO-2	N12E
15433 VENTURA BLVD., L. A.	34.15N	118.47W	710209 14	29	164.73	14.20	4.99	MO-2	N78W
15910 VENTURA BLVD., L. A.	34.16N	118.48W	710209 14	28	215.36	68.23	37.84	SMA-1	S09W
15910 VENTURA BLVD., L. A.	34.16N	118.48W	710209 14	28	220.59	58.05	26.20	SMA-1	S81E
15910 VENTURA BLVD., L. A.	34.16N	118.48W	710209 14	28	201.23	10.48	2.89	SMA-1	V
1625 OLYMPIC BLVD., L. A.	34.03N	118.26W	710209 14	43	221.93	51.88	16.28	RFT-250	N28E
1625 OLYMPIC BLVD., L. A.	34.03N	118.26W	710209 14	43	273.79	52.20	16.71	SMA-1	N62W
1625 OLYMPIC BLVD., L. A.	34.03N	118.26W	710209 14	43	196.49	14.15	5.21	SMA-1	V
1640 S. MARENGO ST., L. A.	34.05N	118.20W	710209 14	43	229.59	30.62	9.38	AR-240	N38W
1640 S. MARENGO ST., L. A.	34.05N	118.20W	710209 14	43	411.73	49.05	13.40	AR-240	S52W
1640 S. MARENGO ST., L. A.	34.05N	118.20W	710209 14	43	103.33	10.31	4.53	AR-240	V
1760 N. ORCHID, HOLLYWOOD	34.10N	118.33W	710209 14	34	197.25	25.37	11.33	MO-2	EAST
1760 N. ORCHID, HOLLYWOOD	34.10N	118.33W	710209 14	34	167.28	13.49	6.13	MO-2	SOUTH
1760 N. ORCHID, HOLLYWOOD	34.10N	118.33W	710209 14	34	183.88	9.34	1.89	MO-2	V
1800 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	278.77	40.23	19.33	SMA-1	N54E
1800 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	275.78	27.45	7.67	SMA-1	S36E
1800 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	269.98	11.99	2.35	SMA-1	V
1880 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	126.78	11.89	5.05	S-M	N36W
1880 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	114.44	17.02	10.82	RFT-250	N54E
1880 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	264.43	11.52	2.98	SMA-1	V
1888 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	86.34	36.28	20.70	RFT-250	N36W
1888 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	292.58	26.46	12.00	RFT-250	S36E
1888 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	333.92	14.60	6.11	RFT-250	N54E
1888 CENTURY PARK EAST, L. A.	34.05N	118.40W	710209 14	39	346.22	12.94	1.90	RFT-250	V
1900 AVE. OF THE STARS, L. A.	34.06N	118.42W	710209 14	38	136.63	63.08	45.02	MO-2	N44E
1900 AVE. OF THE STARS, L. A.	34.06N	118.42W	710209 14	38	108.34	38.09	26.96	MO-2	S46E
1900 AVE. OF THE STARS, L. A.	34.06N	118.42W	710209 14	38	351.76	15.48	3.42	MO-2	V
1901 AVE. OF THE STARS, L. A.	34.06N	118.42W	710209 14	38	137.63	20.45	12.67	AR-240	N46W
1901 AVE. OF THE STARS, L. A.	34.06N	118.42W	710209 14	38	147.10	16.74	12.23	AR-240	S44W
215 200 W. BROADWAY, LONG BEACH	33.77N	118.19W	710209 14	73	25.99	8.17	5.81	USCGS	N00E
200 W. BROADWAY, LONG BEACH	33.77N	118.19W	710209 14	73	20.78	9.58	7.27	S-M	N90E
200 W. BROADWAY, LONG BEACH	33.77N	118.19W	710209 14	73	12.29	6.12	3.58	USCGS	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
2011 ZONAL AVE., LOS ANGELES	34.05N	118.20W	710209 14	43	198.17	24.00	8.59	AR-240	S28W
2011 ZONAL AVE., LOS ANGELES	34.05N	118.20W	710209 14	43	184.86	18.89	10.33	AR-240	S62E
2011 ZONAL AVE., LOS ANGELES	34.05N	118.20W	710209 14	43	92.96	7.85	4.21	AR-240	V
222 FIGUEROA ST., LOS ANGELES	34.05N	118.25W	710209 14	41	377.59	67.70	19.53	MO-2	N53W
222 FIGUEROA ST., LOS ANGELES	34.05N	118.25W	710209 14	41	302.24	30.93	10.17	AR-240	S37W
222 FIGUEROA ST., LOS ANGELES	34.05N	118.25W	710209 14	41	79.83	9.44	4.27	MO-2	V
234 FIGUEROA ST., LOS ANGELES	34.05N	118.25W	710209 14	41	487.02	40.29	15.22	MO-2	N37E
234 FIGUEROA ST., LOS ANGELES	34.05N	118.25W	710209 14	41	418.90	41.73	11.44	MO-2	S53E
234 FIGUEROA ST., LOS ANGELES	34.05N	118.25W	710209 14	41	103.36	10.10	4.60	MO-2	V
250 E. 1ST ST., LOS ANGELES	34.05N	118.23W	710209 14	42	189.16	27.57	13.93	AR-240	N36E
250 E. 1ST ST., LOS ANGELES	34.05N	118.23W	710209 14	42	159.00	41.07	20.08	AR-240	N54W
250 E. 1ST ST., LOS ANGELES	34.05N	118.23W	710209 14	42	162.74	13.74	7.50	AR-240	V
2500 WILSHIRE BLVD., L. A.	34.05N	118.26W	710209 14	41	203.42	59.22	23.38	SMA-1	N29E
2500 WILSHIRE BLVD., L. A.	34.05N	118.26W	710209 14	41	186.30	49.50	14.58	SMA-1	N61W
2500 WILSHIRE BLVD., L. A.	34.05N	118.26W	710209 14	41	116.57	9.88	4.27	SMA-1	V
2516 VIA TEJON, PALOS VERDES	33.80N	118.38W	710209 14	67	24.81	4.02	2.54	RFT-250	N65E
2516 VIA TEJON, PALOS VERDES	33.80N	118.38W	710209 14	67	24.74	4.14	2.59	RFT-250	N65E
2516 VIA TEJON, PALOS VERDES	33.80N	118.38W	710209 14	67	40.06	4.94	3.27	RFT-250	S25E
2516 VIA TEJON, PALOS VERDES	33.80N	118.38W	710209 14	67	40.07	4.98	3.36	RFT-250	S25E
2516 VIA TEJON, PALOS VERDES	33.80N	118.38W	710209 14	67	18.91	2.22	1.35	RFT-250	V
2516 VIA TEJON, PALOS VERDES	33.80N	118.38W	710209 14	67	18.97	2.30	1.40	RFT-250	V
2600 NUTWOOD AVE. FULLERTON	33.87N	117.87W	710209 14	76	139.79	14.70	3.60	SMA-1	S00W
2600 NUTWOOD AVE., FULLERTON	33.87N	117.87W	710209 14	76	144.62	14.73	2.88	SMA-1	S00W
2600 NUTWOOD AVE., FULLERTON	33.87N	117.87W	710209 14	76	102.25	11.22	3.12	SMA-1	S90W
2600 NUTWOOD AVE., FULLERTON	33.87N	117.87W	710209 14	76	36.20	3.18	2.47	SMA-1	V
3345 WILSHIRE BLVD., L. A.	34.05N	118.28W	710209 14	40	250.72	40.20	13.28	AR-240	N90E
3345 WILSHIRE BLVD., L. A.	34.05N	118.28W	710209 14	40	193.60	33.92	14.38	AR-240	S00W
3345 WILSHIRE BLVD., L. A.	34.05N	118.28W	710209 14	40	103.12	7.69	3.89	AR-240	V
3407 6TH ST., LOS ANGELES	34.06N	118.30W	710209 14	39	206.04	42.40	18.67	AR-240	N90E
3407 6TH ST., LOS ANGELES	34.06N	118.30W	710209 14	39	273.34	33.86	10.65	AR-240	S00W
3407 6TH ST., LOS ANGELES	34.06N	118.30W	710209 14	39	214.66	9.28	5.38	AR-240	V
3411 WILSHIRE BLVD., L. A.	34.05N	118.28W	710209 14	40	104.16	17.88	8.49	MO-2	SOUTH
3411 WILSHIRE BLVD., L. A.	34.05N	118.28W	710209 14	40	53.77	6.79	3.56	MO-2	V
3411 WILSHIRE BLVD., L. A.	34.05N	118.28W	710209 14	40	125.26	18.34	12.60	MO-2	WEST
3440 UNIVERSITY AVE., L. A.	34.02N	118.26W	710209 14	44	215.33	43.49	14.28	AR-240	N29E
3440 UNIVERSITY AVE., L. A.	34.02N	118.26W	710209 14	44	228.81	37.12	14.33	MO-2	S61E
3440 UNIVERSITY AVE., L. A.	34.02N	118.26W	710209 14	44	76.17	7.44	3.07	MO-2	V
3470 WILSHIRE BLVD., L. A.	34.06N	118.30W	710209 14	39	235.99	54.16	15.94	AR-240	N00E
3470 WILSHIRE BLVD., L. A.	34.06N	118.30W	710209 14	39	222.69	27.51	13.30	AR-240	N90E
3470 WILSHIRE BLVD., L. A.	34.06N	118.30W	710209 14	39	111.84	18.56	11.63	AR-240	S90W
3470 WILSHIRE BLVD., L. A.	34.06N	118.30W	710209 14	39	121.79	7.83	3.53	AR-240	V
3550 WILSHIRE BLVD., L. A.	34.05N	118.30W	710209 14	40	153.55	17.51	8.04	MO-2	NORTH
3550 WILSHIRE BLVD., L. A.	34.05N	118.30W	710209 14	40	54.28	7.08	3.15	MO-2	V
3550 WILSHIRE BLVD., L. A.	34.05N	118.30W	710209 14	40	129.81	21.58	11.44	MO-2	WEST
3710 WILSHIRE BLVD., L. A.	34.05N	118.30W	710209 14	40	345.66	41.02	17.96	AR-240	N90E
3710 WILSHIRE BLVD., L. A.	34.05N	118.30W	710209 14	40	223.30	37.29	14.05	AR-240	S00W
3710 WILSHIRE BLVD., L. A.	34.05N	118.30W	710209 14	40	253.55	24.71	14.04	AR-240	S90W
3710 WILSHIRE BLVD., L. A.	34.05N	118.30W	710209 14	40	149.85	9.80	5.27	AR-240	V
3838 LANKERSHIM BLVD., L. A.	34.13N	118.35W	710209 14	30	164.23	12.40	4.85	RFT-250	N00E
3838 LANKERSHIM BLVD., L. A.	34.13N	118.35W	710209 14	30	179.58	33.39	10.95	RFT-250	S90W
3838 LANKERSHIM BLVD., L. A.	34.13N	118.35W	710209 14	30	203.63	7.03	2.89	RFT-250	V
4000 W. CHAPMAN AVE., ORANGE	33.77N	117.88W	710209 14	85	71.76	14.71	6.05	AR-240	S00W
4000 W. CHAPMAN AVE., ORANGE	33.77N	117.88W	710209 14	85	79.25	14.23	7.49	RFT-250	S90W
4000 W. CHAPMAN AVE., ORANGE	33.77N	117.88W	710209 14	85	34.90	3.79	2.53	RFT-250	V
420 S. GRAND AVE., L. A.	34.05N	118.25W	710209 14	41	221.74	31.43	11.04	RFT-250	S37W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
420 S. GRAND AVE., L. A.	34.05N	118.25W	710209 14	41	309.44	43.49	13.49	RFT-250	S53E
420 S. GRAND AVE., L. A.	34.05N	118.25W	710209 14	41	203.21	12.28	5.29	RFT-250	V
435 N. OAKHURST,BEVERLY HILLS	34.07N	118.38W	710209 14	37	250.90	27.37	8.04	SMA-1	N00E
435 N. OAKHURST,BEVERLY HILLS	34.07N	118.38W	710209 14	37	240.07	22.64	9.11	SMA-1	S90W
435 N. OAKHURST,BEVERLY HILLS	34.07N	118.38W	710209 14	37	93.95	6.24	2.59	SMA-1	V
445 FIGUEROA ST., LOS ANGELES	34.05N	118.26W	710209 14	41	195.53	35.31	21.95	AR-240	N52W
445 FIGUEROA ST., LOS ANGELES	34.05N	118.26W	710209 14	41	120.83	35.48	23.42	AR-240	S38W
445 FIGUEROA ST., LOS ANGELES	34.05N	118.26W	710209 14	41	108.29	10.19	4.22	AR-240	V
450 N. ROXBURY, BEVERLY HILLS	34.07N	118.40W	710209 14	37	206.85	28.36	7.85	SMA-1	N40W
450 N. ROXBURY, BEVERLY HILLS	34.07N	118.40W	710209 14	37	290.05	26.37	12.69	SMA-1	N50E
450 N. ROXBURY, BEVERLY HILLS	34.07N	118.40W	710209 14	37	90.18	5.33	2.30	SMA-1	V
4680 WILSHIRE BLVD., L. A.	34.06N	118.33W	710209 14	38	237.88	21.90	9.49	AR-240	N15E
4680 WILSHIRE BLVD., L. A.	34.06N	118.33W	710209 14	38	278.93	34.14	15.98	AR-240	N75W
4680 WILSHIRE BLVD., L. A.	34.06N	118.33W	710209 14	38	135.77	6.19	3.39	AR-240	V
4867 SUNSET BLVD., L. A.	34.08N	118.28W	710209 14	37	206.33	29.60	9.69	AR-240	N89E
4867 SUNSET BLVD., L. A.	34.08N	118.28W	710209 14	37	413.21	24.80	15.20	AR-240	S01E
4867 SUNSET BLVD., L. A.	34.08N	118.28W	710209 14	37	425.60	45.49	14.77	AR-240	S89W
4867 SUNSET BLVD., L. A.	34.08N	118.28W	710209 14	37	154.18	11.76	6.46	AR-240	V
5260 CENTURY BLVD., L. A.	33.93N	118.37W	710209 14	52	61.53	14.08	9.70	MO-2	EAST
5260 CENTURY BLVD., L. A.	33.93N	118.37W	710209 14	52	73.00	16.08	8.93	MO-2	NORTH
5260 CENTURY BLVD., L. A.	33.93N	118.37W	710209 14	52	87.84	5.80	3.66	MO-2	V
535 S. FREMONT AVE., L. A.	34.05N	118.25W	710209 14	41	305.66	32.90	13.62	AR-240	N30W
535 S. FREMONT AVE., L. A.	34.05N	118.25W	710209 14	41	268.54	21.95	13.19	MO-2	S60W
535 S. FREMONT AVE., L. A.	34.05N	118.25W	710209 14	41	150.82	11.20	4.45	MO-2	V
5900 WILSHIRE BLVD., L. A.	34.05N	118.35W	710209 14	39	155.99	75.05	61.88	MO-2	N83W
5900 WILSHIRE BLVD., L. A.	34.05N	118.35W	710209 14	39	101.73	45.51	30.18	MO-2	N83W
5900 WILSHIRE BLVD., L. A.	34.05N	118.35W	710209 14	39	153.06	85.40	70.13	MO-2	S07W
5900 WILSHIRE BLVD., L. A.	34.05N	118.35W	710209 14	39	135.72	9.18	2.85	MO-2	V
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	710209 14	71	56.45	2.89	.30	RFT-250	N25E
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	710209 14	71	43.15	2.84	.54	RFT-250	N65W
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	710209 14	71	57.19	2.86	.73	RFT-250	S25W
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	710209 14	71	43.11	4.66	1.19	RFT-250	S65E
6074 PARK DR., WRIGHTWOOD	34.36N	117.63W	710209 14	71	24.73	1.81	.90	RFT-250	V
611 W. 6TH ST., LOS ANGELES	34.05N	118.25W	710209 14	41	177.61	66.37	64.58	RFT-250	N38E
611 W. 6TH ST., LOS ANGELES	34.05N	118.25W	710209 14	41	108.75	48.76	38.28	RFT-250	N52W
611 W. 6TH ST., LOS ANGELES	34.05N	118.25W	710209 14	41	128.35	14.88	5.95	RFT-250	V
616 S. NORMANDIE AVE., L. A.	34.05N	118.28W	710209 14	40	314.00	50.92	16.33	SMA-1	N00E
616 S. NORMANDIE AVE., L. A.	34.05N	118.28W	710209 14	40	217.83	37.63	18.38	SMA-1	S90W
616 S. NORMANDIE AVE., L. A.	34.05N	118.28W	710209 14	40	177.24	8.29	4.15	SMA-1	V
6200 WILSHIRE BLVD., L. A.	34.05N	118.35W	710209 14	39	286.71	29.60	18.03	MO-2	N08E
6200 WILSHIRE BLVD., L. A.	34.05N	118.35W	710209 14	39	248.94	39.89	16.44	MO-2	N82W
6200 WILSHIRE BLVD., L. A.	34.05N	118.35W	710209 14	39	81.39	6.16	3.22	MO-2	V
633 E. BROADWAY, GLENDALE	34.13N	118.23W	710209 14	34	209.10	23.45	5.29	AR-240	S20W
633 E. BROADWAY, GLENDALE	34.13N	118.23W	710209 14	34	265.68	30.84	11.09	AR-240	S70E
633 E. BROADWAY, GLENDALE	34.13N	118.23W	710209 14	34	131.45	15.64	5.62	AR-240	V
6430 SUNSET BLVD., L. A.	34.08N	118.32W	710209 14	36	174.35	18.20	10.20	MO-2	EAST
6430 SUNSET BLVD., L. A.	34.08N	118.32W	710209 14	36	184.03	19.75	7.68	MO-2	SOUTH
6430 SUNSET BLVD., L. A.	34.08N	118.32W	710209 14	36	88.92	6.39	2.64	MO-2	V
646 S. OLIVE ST., L. A.	34.05N	118.25W	710209 14	41	355.70	27.22	12.91	AR-240	S37W
646 S. OLIVE ST., L. A.	34.05N	118.25W	710209 14	41	170.74	10.45	5.73	AR-240	V
646 S. OLIVE ST., L. A.	34.05N	118.25W	710209 14	41	440.00	31.43	3.02	AR-240	S53E
6464 SUNSET BLVD., L. A.	34.08N	118.32W	710209 14	36	248.10	55.52	25.86	MO-2	EAST
6464 SUNSET BLVD., L. A.	34.08N	118.32W	710209 14	36	107.09	18.12	10.28	MO-2	EAST
6464 SUNSET BLVD., L. A.	34.08N	118.32W	710209 14	36	227.31	33.94	13.36	MO-2	SOUTH
6464 SUNSET BLVD., L. A.	34.08N	118.32W	710209 14	36	264.11	12.96	2.20	MO-2	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
666 W. 19TH ST., COSTA MESA	33.63N	117.92W	710209 14	96	34.34	5.78	6.70	AR-240	N90E
666 W. 19TH ST., COSTA MESA	33.63N	117.92W	710209 14	96	24.16	7.01	6.92	AR-240	S00W
666 W. 19TH ST., COSTA MESA	33.63N	117.92W	710209 14	96	9.29	3.47	2.32	AR-240	V
7080 HOLLYWOOD BLVD., L. A.	34.10N	118.33W	710209 14	34	113.92	20.46	7.96	AR-240	N00E
7080 HOLLYWOOD BLVD., L. A.	34.10N	118.33W	710209 14	34	205.03	36.14	14.97	AR-240	N90E
7080 HOLLYWOOD BLVD., L. A.	34.10N	118.33W	710209 14	34	109.16	21.34	8.29	AR-240	S00W
7080 HOLLYWOOD BLVD., L. A.	34.10N	118.33W	710209 14	34				AR-240	S90E
7080 HOLLYWOOD BLVD., L. A.	34.10N	118.33W	710209 14	34	181.07	31.50	12.24	AR-240	S90W
7080 HOLLYWOOD BLVD., L. A.	34.10N	118.33W	710209 14	34	191.04	9.07	4.10	AR-240	V
750 GARLAND AVE., L. A.	34.05N	118.27W	710209 14	41	224.26	31.32	11.70	RFT-250	N60W
750 GARLAND AVE., L. A.	34.05N	118.27W	710209 14	41	303.30	50.55	14.32	RFT-250	S30W
750 GARLAND AVE., L. A.	34.05N	118.27W	710209 14	41	122.59	10.15	5.11	RFT-250	V
800 W. 1ST ST., LOS ANGELES	34.05N	118.25W	710209 14	41	180.74	75.88	39.00	AR-240	N37E
800 W. 1ST ST., LOS ANGELES	34.05N	118.25W	710209 14	41	284.91	55.13	25.83	MO-2	N53W
800 W. 1ST ST., LOS ANGELES	34.05N	118.25W	710209 14	41	210.70	13.07	4.86	AR-240	V
808 S. OLIVE ST., L. A.	34.05N	118.26W	710209 14	41	130.00	22.12	12.19	AR-240	N37E
808 S. OLIVE ST., L. A.	34.05N	118.26W	710209 14	41	219.62	23.67	12.94	AR-240	S37W
808 S. OLIVE ST., L. A.	34.05N	118.26W	710209 14	41	403.95	30.89	17.71	AR-240	S53E
808 S. OLIVE ST., L. A.	34.05N	118.26W	710209 14	41	163.88	11.95	5.20	AR-240	V
8244 ORION BLVD., L. A.	34.22N	118.47W	710209 14	21	375.30	63.94	24.14	AR-240	N00W
8244 ORION BLVD., L. A.	34.22N	118.47W	710209 14	21	313.53	43.23	21.87	AR-240	S90W
8244 ORION BLVD., L. A.	34.22N	118.47W	710209 14	21	223.14	31.15	12.37	AR-240	V
900 S. FREMONT AVE., ALHAMBRA	34.08N	118.13W	710209 14	43	144.30	23.15	9.04	SMA-1	S00W
900 S. FREMONT AVE., ALHAMBRA	34.08N	118.13W	710209 14	43	180.33	58.80	19.79	SMA-1	S90W
900 S. FREMONT AVE., ALHAMBRA	34.08N	118.13W	710209 14	43	163.59	9.90	3.50	SMA-1	V
9100 WILSHIRE, BEVERLY HILLS	34.07N	118.39W	710209 14	37	161.75	19.14	11.60	MO-2	EAST
9100 WILSHIRE, BEVERLY HILLS	34.07N	118.39W	710209 14	37	150.54	30.93	11.73	MO-2	SOUTH
9100 WILSHIRE, BEVERLY HILLS	34.07N	118.39W	710209 14	37	67.66	8.87	3.46	MO-2	V
930 HILGARD AVE., L. A.	34.05N	118.43W	710209 14	39	170.77	24.00	8.12	MO-2	N14E
930 HILGARD AVE., L. A.	34.05N	118.43W	710209 14	39	151.76	18.14	7.06	MO-2	N76W
930 HILGARD AVE., L. A.	34.05N	118.43W	710209 14	39	177.17	5.97	1.96	MO-2	V
945 TIVERTON AVE., L. A.	34.05N	118.43W	710209 14	39	144.89	17.44	6.33	AR-240	N78W
945 TIVERTON AVE., L. A.	34.05N	118.43W	710209 14	39	214.89	18.00	9.21	AR-240	S12W
945 TIVERTON AVE., L. A.	34.05N	118.43W	710209 14	39	131.75	5.97	3.19	AR-240	V
9841 AIRPORT BLVD., L. A.	33.93N	118.38W	710209 14	52	91.76	29.53	11.11	MO-2	N00E
9841 AIRPORT BLVD., L. A.	33.93N	118.38W	710209 14	52	91.65	23.68	14.43	MO-2	S90W
9841 AIRPORT BLVD., L. A.	33.93N	118.38W	710209 14	52	49.72	6.53	3.81	MO-2	V
ALLEN RANCH, CEDAR SPRINGS	34.28N	117.33W	710209 14	99				AR-240	S05W
ALLEN RANCH, CEDAR SPRINGS	34.28N	117.33W	710209 14	99				AR-240	S85E
ALLEN RANCH, CEDAR SPRINGS	34.28N	117.33W	710209 14	99				AR-240	V
ANZA POST OFFICE, ANZA	33.55N	116.67W	710209 14	186	24.91	1.30	.15	RFT-250	N45E
ANZA POST OFFICE, ANZA	33.55N	116.67W	710209 14	186	34.79	2.19	.18	RFT-250	N45W
ANZA POST OFFICE, ANZA	33.55N	116.67W	710209 14	186	13.35	.70	.09	RFT-250	V
ARY #1, LAKE HUGHES	34.67N	118.43W	710209 14	30	145.52	17.95	3.42	AR-240	N21E
ARY #1, LAKE HUGHES	34.67N	118.43W	710209 14	30	108.88	14.42	2.96	AR-240	S69E
ARY #1, LAKE HUGHES	34.67N	118.43W	710209 14	30	92.98	11.66	2.85	AR-240	V
ARY #1, MARICOPA	34.98N	119.48W	710209 14	118				RFT-250	S40W
ARY #1, MARICOPA	34.98N	119.48W	710209 14	118				RFT-250	S50E
ARY #1, MARICOPA	34.98N	119.48W	710209 14	118				RFT-250	V
ARY #12, LAKE HUGHES	34.57N	118.55W	710209 14	23	346.16	14.75	1.78	AR-240	N21E
ARY #12, LAKE HUGHES	34.57N	118.55W	710209 14	23	277.90	12.76	8.85	AR-240	N69W
ARY #12, LAKE HUGHES	34.57N	118.55W	710209 14	23	105.33	4.13	3.26	AR-240	V
ARY #2, MARICOPA	35.03N	119.42W	710209 14	117				RFT-250	S40W
ARY #2, MARICOPA	35.03N	119.42W	710209 14	117				RFT-250	S50E
ARY #2, MARICOPA	35.03N	119.42W	710209 14	117				RFT-250	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
ARY #3, MARICOPA	35.07N	119.38W	710209 14	117				RFT-250	S40W
ARY #3, MARICOPA	35.07N	119.38W	710209 14	117				RFT-250	S50E
ARY #3, MARICOPA	35.07N	119.38W	710209 14	117				RFT-250	V
ARY #4, LAKE HUGHES	34.63N	118.47W	710209 14	26	143.51	8.61	1.74	RFT-250	S21W
ARY #4, LAKE HUGHES	34.63N	118.47W	710209 14	26	168.24	5.74	1.24	RFT-250	S69E
ARY #4, LAKE HUGHES	34.63N	118.47W	710209 14	26	150.83	7.09	1.49	RFT-250	V
ARY #4, MARICOPA	35.12N	119.37W	710209 14	119				RFT-250	S40W
ARY #4, MARICOPA	35.12N	119.37W	710209 14	119				RFT-250	S50E
ARY #4, MARICOPA	35.12N	119.37W	710209 14	119				RFT-250	V
ARY #9, LAKE HUGHES	34.61N	118.56W	710209 14	28	119.26	4.79	1.98	AR-240	N21E
ARY #9, LAKE HUGHES	34.61N	118.56W	710209 14	28	109.44	4.50	2.41	AR-240	N69W
ARY #9, LAKE HUGHES	34.61N	118.56W	710209 14	28	71.46	3.04	2.21	AR-240	V
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	710209 14	319				RFT-250	S38E
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	710209 14	319				RFT-250	S52W
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	710209 14	319				RFT-250	V
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	710209 14	40	93.49	7.96	2.95	SMA-1	N00E
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	710209 14	40	107.25	14.26	7.36	SMA-1	N90E
ATHENAEUM, CALTECH, PASADENA	34.13N	118.12W	710209 14	40	92.87	6.64	2.66	SMA-1	V
CALTECH ATHENAEUM, PASADENA	34.13N	118.12W	710209 14	40	93.53	7.92	2.94	S-M	N00E
CALTECH ATHENAEUM, PASADENA	34.13N	118.12W	710209 14	40	107.10	14.16	7.12	S-M	N90E
CALTECH ATHENAEUM, PASADENA	34.13N	118.12W	710209 14	40	92.85	6.68	2.63	S-M	V
CALTECH SEISMO LAB, PASADENA	34.15N	118.17W	710209 14	35	87.48	5.99	1.65	RFT-250	S00W
CALTECH SEISMO LAB, PASADENA	34.15N	118.17W	710209 14	35	188.68	11.50	4.85	RFT-250	S90W
CALTECH SEISMO LAB, PASADENA	34.15N	118.17W	710209 14	35	83.47	5.86	2.31	RFT-250	V
CARBON CANYON DAM	33.92N	117.84W	710209 14	74	67.27	4.45	2.06	RFT-250	S40W
CARBON CANYON DAM	33.92N	117.84W	710209 14	74	67.33	3.46	1.71	RFT-250	S50E
CARBON CANYON DAM	33.92N	117.84W	710209 14	74	41.47	2.49	1.55	RFT-250	V
CITY HALL,SAN JUAN CAPISTRANO	33.48N	117.67W	710209 14	122	40.90	3.55	2.38	RFT-250	N33E
CITY HALL,SAN JUAN CAPISTRANO	33.48N	117.67W	710209 14	122	30.98	4.63	2.44	RFT-250	N57W
CITY HALL,SAN JUAN CAPISTRANO	33.48N	117.67W	710209 14	122	21.00	3.42	1.58	RFT-250	V
CMD BLDG., VERNON	34.00N	118.20W	710209 14	48	104.55	17.50	14.77	S-M	N83W
CMD BLDG., VERNON	34.00N	118.20W	710209 14	48	80.46	15.08	18.76	S-M	S07W
CMD BLDG., VERNON	34.00N	118.20W	710209 14	48	42.66	6.66	3.96	SMA-1	V
ENGINEERING BLDG., SANTA ANA	33.75N	117.87W	710209 14	87	26.75	5.00	3.56	S-M	S04E
ENGINEERING BLDG., SANTA ANA	33.75N	117.87W	710209 14	87	28.23	7.98	5.68	S-M	S86W
ENGINEERING BLDG., SANTA ANA	33.75N	117.87W	710209 14	87	16.80	2.43	1.42	S-M	V
FAIRMONT RESERVOIR	34.70N	118.42W	710209 14	33	97.13	8.00	1.57	S-M	N34W
FAIRMONT RESERVOIR	34.70N	118.42W	710209 14	33	64.69	3.84	1.23	S-M	N56E
FAIRMONT RESERVOIR	34.70N	118.42W	710209 14	33	32.91	3.37	1.73	USCGS	V
FIRE DEPT, BORREGO SPRINGS	33.25N	116.37W	710209 14	227				S-M	S45E
FIRE DEPT, BORREGO SPRINGS	33.25N	116.37W	710209 14	227				S-M	S45W
FIRE DEPT, BORREGO SPRINGS	33.25N	116.37W	710209 14	227				S-M	V
FIRE STATION, HEMET	33.72N	116.97W	710209 14	152	34.93	2.86	1.66	RFT-250	S45E
FIRE STATION, HEMET	33.72N	116.97W	710209 14	152	39.23	2.33	.27	RFT-250	S45W
FIRE STATION, HEMET	33.72N	116.97W	710209 14	152	25.07	2.33	1.25	RFT-250	V
FIRE STATION, PALMDALE	34.58N	118.11W	710209 14	33	136.24	9.34	2.76	RFT-250	S30W
FIRE STATION, PALMDALE	34.58N	118.11W	710209 14	33	110.81	14.18	3.85	RFT-250	S60E
FIRE STATION, PALMDALE	34.58N	118.11W	710209 14	33	86.63	7.75	2.40	RFT-250	V
FORT TEJON, TEJON	34.87N	118.90W	710209 14	69	25.35	.80	.04	AR-240	N00E
FORT TEJON, TEJON	34.87N	118.90W	710209 14	69	21.84	.98	.04	AR-240	N90E
FORT TEJON, TEJON	34.87N	118.90W	710209 14	69	16.23	.65	.02	AR-240	V
GAS & ELEC BLDG., SAN DIEGO	32.72N	117.15W	710209 14	220				S-M	N00E
GAS & ELEC BLDG., SAN DIEGO	32.72N	117.15W	710209 14	220				S-M	N90E
GAS & ELEC BLDG., SAN DIEGO	32.72N	117.15W	710209 14	220				S-M	V
GRIFFITH PARK OBSV, L. A.	34.12N	118.30W	710209 14	32	176.89	20.48	7.19	RFT-250	S00W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
GRIFFITH PARK OBSV, L. A.	34.12N	118.30W	710209 14	32	167.43	14.46	5.46	RFT-250	S90W
GRIFFITH PARK OBSV, L. A.	34.12N	118.30W	710209 14	32	120.33	77.42	3.38	RFT-250	V
HALL/RECORDS, SAN BERNARDINO	34.11N	117.29W	710209 14	107	37.44	3.45	1.30	RFT-250	N00E
HALL/RECORDS, SAN BERNARDINO	34.11N	117.29W	710209 14	107	44.05	2.69	.87	RFT-250	N90E
HALL/RECORDS, SAN BERNARDINO	34.11N	117.29W	710209 14	107	18.85	1.20	.25	RFT-250	V
HARVEY AUD., BAKERSFIELD	35.37N	119.02W	710209 14	122				USCGS	S00W
HARVEY AUD., BAKERSFIELD	35.37N	119.02W	710209 14	122				USCGS	S90W
HARVEY AUD., BAKERSFIELD	35.37N	119.02W	710209 14	122				USCGS	V
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	710209 14	36	206.99	21.13	14.72	S-M	N90E
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	710209 14	36	167.26	16.50	8.05	S-M	S00W
HOLLYWOOD STRG., LOS ANGELES	34.08N	118.33W	710209 14	36	87.39	5.53	2.03	S-MD	V
HOOVER DAM, NV	36.02N	114.74W	710209 14	379				S-MD	N45E
HOOVER DAM, NV	36.02N	114.74W	710209 14	379				S-MD	N45W
HOOVER DAM, NV	36.02N	114.74W	710209 14	379				S-MD	V
ISABELLA DAM	35.63N	118.47	710209 14	137				RFT-250	N14E
ISABELLA DAM	35.63N	118.47W	710209 14	137				MO-2	N76W
ISABELLA DAM	35.63N	118.47	710209 14	137				RFT-250	V
JPL, CALTECH, PASADENA	34.20N	118.17W	710209 14	31	205.62	29.45	6.56	RFT-250	S08W
JPL, CALTECH, PASADENA	34.20N	118.17W	710209 14	31	374.84	32.57	9.64	RFT-250	S82E
JPL, CALTECH, PASADENA	34.20N	118.17W	710209 14	31	248.01	12.35	2.79	RFT-250	V
LINCOLN SCHOOL, TAFT	35.15N	119.45W	710209 14	127				AR-240	N21E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	710209 14	127				USCGS	S21W
LINCOLN SCHOOL, TAFT	35.15N	119.45W	710209 14	127				AR-240	S69E
LINCOLN SCHOOL, TAFT	35.15N	119.45W	710209 14	127				AR-240	V
LONG BEACH STATE COLLEGE	33.77N	118.10W	710209 14	75	35.09	9.72	8.16	RFT-250	N76W
LONG BEACH STATE COLLEGE	33.77N	118.10W	710209 14	75	31.21	9.25	6.73	RFT-250	S14W
LONG BEACH STATE COLLEGE	33.77N	118.10W	710209 14	75	25.91	4.79	3.65	RFT-250	V
LTPWRCO BLDG., SAN DIEGO	32.70N	117.15W	710209 14	221				USCGS	N90E
LTPWRCO BLDG., SAN DIEGO	32.70N	117.15W	710209 14	221				USCGS	S00W
LTPWRCO BLDG., SAN DIEGO	32.70N	117.15W	710209 14	221				USCGS	V
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	710209 14	40	305.48	24.92	3.82	RFT-250	N00E
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	710209 14	40	340.89	49.86	11.67	RFT-250	N90E
MILLIKAN LIB,CALTECH,PASADENA	34.13N	118.12W	710209 14	40	119.38	7.67	2.76	RFT-250	V
NAVAL LAB, PORT HUENEME	34.15N	119.20W	710209 14	79	25.91	7.25	4.54	S-M	S00W
NAVAL LAB, PORT HUENEME	34.15N	119.20W	710209 14	79	25.22	5.51	4.92	USCGS	S90W
NAVAL LAB, PORT HUENEME	34.15N	119.20W	710209 14	79	10.56	3.16	1.92	S-M	V
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	710209 14	28	309.40	17.16	4.22	AR-240	N21E
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	710209 14	28	265.44	27.81	9.48	AR-240	N69W
OLD RIDGE ROUTE, CASTAIC	34.55N	118.65W	710209 14	28	153.31	6.44	3.50	AR-240	V
ORANGE CNTY ENGR., SANTA ANA	33.75N	117.87W	710209 14	87	26.75	2.00	3.56	S-M	S04E
ORANGE CNTY ENGR., SANTA ANA	33.75N	117.87W	710209 14	87	28.23	7.98	5.68	S-M	S86W
ORANGE CNTY ENGR., SANTA ANA	33.75N	117.87W	710209 14	87	16.71	2.37	1.67	S-M	V
OSO PUMPING PLANT, GORMAN	34.80N	118.72W	710209 14	53	85.19	8.50	2.06	AR-240	N00E
OSO PUMPING PLANT, GORMAN	34.80N	118.72W	710209 14	53	103.06	6.11	2.34	AR-240	N90W
OSO PUMPING PLANT, GORMAN	34.80N	118.72W	710209 14	53	36.34	3.55	.70	AR-240	V
PACOIMA DAM	34.33N	118.39W	710209 14	8	1148.06	113.23	37.66	AR-240	S16E
PACOIMA DAM	34.33N	118.39W	710209 14	8	1054.94	57.74	10.81	AR-240	S74W
PACOIMA DAM	34.33N	118.39W	710209 14	8	695.97	58.30	19.31	AR-240	V
POST OFFICE, ANZA	33.55N	116.67W	710209 14	186	25.56	2.19	1.18	RFT-250	N45E
POST OFFICE, ANZA	33.55N	116.67W	710209 14	186	35.37	2.62	1.00	RFT-250	N45W
POST OFFICE, ANZA	33.55N	116.67W	710209 14	186	14.00	1.37	1.08	RFT-250	V
PUDDINGSTONE RSVR, SAN DIMAS	34.08N	117.80W	710209 14	66	53.91	4.00	.50	AR-240	N35W
PUDDINGSTONE RSVR, SAN DIMAS	34.08N	117.80W	710209 14	66	69.70	4.60	2.07	AR-240	N55E
PUDDINGSTONE RSVR, SAN DIMAS	34.08N	117.80W	710209 14	66	37.82	2.24	1.79	AR-240	V
PUMP PLANT, CEDAR SPRINGS	34.30N	117.30W	710209 14	102				SMA-1	S36W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
PUMP PLANT, CEDAR SPRINGS	34.30N	117.30W	710209 14	102				SMA-1	S54E
PUMP PLANT, CEDAR SPRINGS	34.30N	117.30W	710209 14	102				SMA-1	V
PUMPING PLANT, PEARBLOSSOM	34.50N	117.92W	710209 14	45	91.47	4.43	2.52	AR-240	N00E
PUMPING PLANT, PEARBLOSSOM	34.50N	117.92W	710209 14	45	120.52	5.43	2.39	AR-240	N90W
PUMPING PLANT, PEARBLOSSOM	34.50N	117.92W	710209 14	45	47.71	2.06	.82	AR-240	V
SAN ANTONIO DAM, UPLAND	34.15N	117.67W	710209 14	73	56.19	2.90	.48	RFT-250	N15E
SAN ANTONIO DAM, UPLAND	34.15N	117.67W	710209 14	73	75.86	3.67	.78	RFT-250	N75W
SAN ANTONIO DAM, UPLAND	34.15N	117.67W	710209 14	73	28.44	1.13	.16	RFT-250	V
SAN JUAN CAPISTRANO	33.48N	117.67W	710209 14	122	40.96	3.51	2.22	RFT-250	N33E
SAN JUAN CAPISTRANO	33.48N	117.67W	710209 14	122	30.98	4.63	2.44	RFT-250	N57W
SAN JUAN CAPISTRANO	33.48N	117.67W	710209 14	122	21.00	3.42	1.58	RFT-250	V
SANTA ANITA RESVR, ARCADIA	34.18N	118.02W	710209 14	43	137.68	5.29	3.15	AR-240	N03E
SANTA ANITA RESVR, ARCADIA	34.18N	118.02W	710209 14	43	165.75	6.66	5.91	AR-240	N87W
SANTA ANITA RESVR, ARCADIA	34.18N	118.02W	710209 14	43	47.64	4.46	2.46	AR-240	V
SANTA FELICIA DAM	34.45N	118.75W	710209 14	33	212.99	9.87	7.01	AR-240	S08E
SANTA FELICIA DAM	34.45N	118.75W	710209 14	33	203.31	22.22	7.11	AR-240	S15E
SANTA FELICIA DAM	34.45N	118.75W	710209 14	33	174.04	18.05	5.26	AR-240	S75W
SANTA FELICIA DAM	34.45N	118.75W	710209 14	33	198.25	6.24	4.59	AR-240	S82W
SANTA FELICIA DAM	34.45N	118.75W	710209 14	33	64.98	6.19	2.77	AR-240	V
SHANDON ARY #2, CHOLAME	35.72N	120.28W	710209 14	226				AR-240	N39W
SHANDON ARY #2, CHOLAME	35.72N	120.28W	710209 14	226				AR-240	N51E
SHANDON ARY #2, CHOLAME	35.72N	120.28W	710209 14	226				AR-240	V
SHANDON ARY #8, CHOLAME	35.67N	120.36W	710209 14	228				AR-240	N39W
SHANDON ARY #8, CHOLAME	35.67N	120.36W	710209 14	228				AR-240	N51E
SHANDON ARY #8, CHOLAME	35.67N	120.36W	710209 14	228				AR-240	V
SOCALEDCO, COLTON	34.06N	117.32W	710209 14	106	29.95	2.20	1.28	S-M	N90E
SOCALEDCO, COLTON	34.06N	117.32W	710209 14	106	37.45	2.61	1.08	S-M	S00W
SOCALEDCO, COLTON	34.06N	117.32W	710209 14	106	20.03	1.02	.12	S-M	V
SOCALEDCO, SAN ONOFRE	33.37N	117.55W	710209 14	139	11.95	1.80	2.05	AR-240	N33E
SOCALEDCO, SAN ONOFRE	33.37N	117.55W	710209 14	139	16.20	1.73	.44	AR-240	N57W
SOCALEDCO, SAN ONOFRE	33.37N	117.55W	710209 14	139	10.38	.73	.12	AR-240	V
TAFT CWR SITE, BUENA VISTA	34.15N	119.33W	710209 14	90				AR-240	N90E
TAFT CWR SITE, BUENA VISTA	34.15N	119.33W	710209 14	90				AR-240	S00W
TAFT CWR SITE, BUENA VISTA	34.15N	119.33W	710209 14	90				AR-240	V
TEHACHAPI PUMPPLT, GRAPEVINE	34.93N	118.82W	710209 14	70	49.12	1.95	.08	AR-240	N90E
TEHACHAPI PUMPPLT, GRAPEVINE	34.93N	118.82W	710209 14	70	20.79	1.14	.74	AR-240	S00W
TEHACHAPI PUMPPLT, GRAPEVINE	34.93N	118.82W	710209 14	70	38.49	2.13	1.15	AR-240	V
TERMINAL ISLAND, LONG BEACH	33.77N	118.23W	710209 14	72	28.41	7.37	6.39	S-M	N21W
TERMINAL ISLAND, LONG BEACH	33.77N	118.23W	710209 14	72	28.13	10.38	8.72	S-MD	S69W
TERMINAL ISLAND, LONG BEACH	33.77N	118.23W	710209 14	72	16.17	4.24	2.83	S-M	V
TERMINUS DAM	36.41N	119.00W	710209 14	230				RFT-250	N09E
TERMINUS DAM	36.41N	119.00W	710209 14	230				RFT-250	S81E
TERMINUS DAM	36.41N	119.00W	710209 14	230				RFT-250	V
UCLA REACTOR LAB, L. A.	34.07N	118.45W	710209 14	37	77.62	8.47	4.94	S-M	N90E
UCLA REACTOR LAB, L. A.	34.07N	118.45W	710209 14	37	83.14	8.32	4.04	S-M	S00W
UCLA REACTOR LAB, L. A.	34.07N	118.45W	710209 14	37	67.05	4.48	2.89	S-M	V
UNIV OF CAL, SANTA BARBARA	34.40N	119.85W	710209 14	133	16.52	2.65	1.63	RFT-250	N42E
UNIV OF CAL, SANTA BARBARA	34.40N	119.85W	710209 14	133	17.07	3.57	2.34	RFT-250	S48E
UNIV OF CAL, SANTA BARBARA	34.40N	119.85W	710209 14	133	11.06	1.68	1.42	RFT-250	V
WATER & POWER BLDG., L. A.	34.05N	118.25W	710209 14	41	163.29	28.23	18.17	AR-240	N50W
WATER & POWER BLDG., L. A.	34.05N	118.25W	710209 14	41	169.16	16.12	8.88	AR-240	S40W
WATER & POWER BLDG., L. A.	34.05N	118.25W	710209 14	41	157.76	14.02	5.47	AR-240	V
WHEELER RIDGE	35.03N	118.99W	710209 14	88	25.47	1.44	.52	AR-240	N90E
WHEELER RIDGE	35.03N	118.99W	710209 14	88	26.85	1.34	.76	AR-240	S00W
WHEELER RIDGE	35.03N	118.99W	710209 14	88	13.04	2.45	3.25	AR-240	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
WHITTIER NARROWS DAM	34.02N	118.05W	710209 14	53	95.73	8.66	4.81	RFT-250	S37E
WHITTIER NARROWS DAM	34.02N	118.05W	710209 14	53	96.75	9.60	4.97	RFT-250	S53W
WHITTIER NARROWS DAM	34.02N	118.05W	710209 14	53	58.64	3.50	2.17	RFT-250	V
WHITTIER NARROWS DAM	34.02N	118.05W	710209 14	53	95.72	8.75	4.94	RFT-250	S37E
WHITTIER NARROWS DAM	34.02N	118.05W	710209 14	53	96.68	9.73	5.01	RFT-250	S53W
WHITTIER NARROWS DAM	34.02N	118.05W	710209 14	53	58.57	3.63	2.34	RFT-250	V
ISABELLA DAM	35.63N	118.47W	710308 23	10				RFT-250	N14E
ISABELLA DAM	35.63N	118.47W	710308 23	10				RFT-250	N76W
ISABELLA DAM	35.63N	118.47W	710308 23	10				RFT-250	V
SEISMIC VAULT, NAVAL BASE	51.88N	176.58W	710502 09	69				AR-240	NORTH
SEISMIC VAULT, NAVAL BASE	51.88N	176.58W	710502 09	69				AR-240	V
SEISMIC VAULT, NAVAL BASE	51.88N	176.58W	710502 09	69				AR-240	WEST
CITY HALL, FERNDALE	40.58N	124.26W	710912 19	95				S-M	N46W
CITY HALL, FERNDALE	40.58N	124.26W	710912 19	95				S-M	S44W
CITY HALL, FERNDALE	40.58N	124.26W	710912 19	95				S-M	V
SITKA, ALASKA, MAGNETIC OBSY	57.06N	135.32W	720730 21	35	107.80			AR-240	NORTH
SITKA, ALASKA, MAGNETIC OBSY	57.06N	135.32W	720730 21	35				AR-240	V
SITKA, ALASKA, MAGNETIC OBSY	57.06N	135.32W	720730 21	35				AR-240	WEST
BEAR VALLEY FIRE STATION	36.57N	121.18W	720904 18	10				SMA-1	N09E
BEAR VALLEY FIRE STATION	36.57N	121.18W	720904 18	10				SMA-1	S81E
BEAR VALLEY FIRE STATION	36.57N	121.18W	720904 18	10				SMA-1	V
GEOPHYSICS OB., STONE CANYON	36.64N	121.24W	720904 18	0				SMA-1	N87E
GEOPHYSICS OB., STONE CANYON	36.64N	121.24W	720904 18	0				SMA-1	S03E
GEOPHYSICS OB., STONE CANYON	36.64N	121.24W	720904 18	0				SMA-1	V
MELENDY RANCH	36.59N	121.19W	720904 18	8				RFT-250	N29W
MELENDY RANCH	36.59N	121.19W	720904 18	8				RFT-250	N61E
MELENDY RANCH	36.59N	121.19W	720904 18	8				RFT-250	V
HONOLULU, ALAWAI GOLF CLUB	21.29N	157.86W	730426 20	324				SMA-1	EAST
HONOLULU, ALAWAI GOLF CLUB	21.29N	157.86W	730426 20	324				SMA-1	SOUTH
HONOLULU, ALAWAI GOLF CLUB	21.29N	157.86W	730426 20	324				SMA-1	V
KILAUEA, NAMAKANI PAIO	19.43N	155.30W	730426 20	59				SMA-1	S30W
KILAUEA, NAMAKANI PAIO	19.43N	155.30W	730426 20	59				SMA-1	S60E
KILAUEA, NAMAKANI PAIO	19.43N	155.30W	730426 20	59				SMA-1	V
24 POLK ST,SAN JUAN BAUTISTA	36.86N	121.54W	741128 23	7	117.60			S-MD	N33E
24 POLK ST,SAN JUAN BAUTISTA	36.86N	121.54W	741128 23	7				S-MD	S57E
24 POLK ST,SAN JUAN BAUTISTA	36.86N	121.54W	741128 23	7				S-MD	V
CITY HALL, HOLLISTER	36.85N	121.40W	741128 23	10				S-MD	N89W
CITY HALL, HOLLISTER	36.85N	121.40W	741128 23	10				S-MD	S01W
CITY HALL, HOLLISTER	36.85N	121.40W	741128 23	10				S-MD	V
GAVILAN COLLEGE, GILROY	36.97N	121.57W	741128 23	10	127.40			SMA-1	S23E
GAVILAN COLLEGE, GILROY	36.97N	121.57W	741128 23	10				SMA-1	S67W
GAVILAN COLLEGE, GILROY	36.97N	121.57W	741128 23	10				SMA-1	V
FAA-VOR BLDG., TALKEETNA	62.30N	150.10W	750101 03	47	74.30			SMA-1	N075
FAA-VOR BLDG., TALKEETNA	62.30N	150.10W	750101 03	47	72.40	5.52	1.05	SMA-1	N165
FAA-VOR BLDG., TALKEETNA	62.30N	150.10W	750101 03	47	87.70	2.91	.43	SMA-1	V
WESTWARD HOTEL, ANCHORAGE	61.22N	149.89W	750101 03	79	44.90	2.98	.60	SMA-1	N045
WESTWARD HOTEL, ANCHORAGE	61.22N	149.89W	750101 03	79	49.20	5.19	.62	SMA-1	N135
WESTWARD HOTEL, ANCHORAGE	61.22N	149.89W	750101 03	79	20.60			SMA-1	V
CAPE MENDOCINO, PETROLIA	40.35N	124.35W	750112 01	16				SMA-1	N30E
CAPE MENDOCINO, PETROLIA	40.35N	124.35W	750112 01	16				SMA-1	S60E
CAPE MENDOCINO, PETROLIA	40.35N	124.35W	750112 01	16				SMA-1	V
GENERAL STORE, PETROLIA	40.32N	124.29W	750112 01	11				SMA-1	N15W
GENERAL STORE, PETROLIA	40.32N	124.29W	750112 01	11				SMA-1	N75E
GENERAL STORE, PETROLIA	40.32N	124.29W	750112 01	11				SMA-1	V
STA. 1, SHELTER COVE	40.04N	124.06W	750507 02	74				SMA-1	N70W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
STA. 1, SHELTER COVE	40.04N	124.06W	750507 02	74				SMA-1	S20W
STA. 1, SHELTER COVE	40.04N	124.06W	750507 02	74				SMA-1	V
STA. 2, SHELTER COVE	40.03N	124.06W	750507 02	74				SMA-1	N70E
STA. 2, SHELTER COVE	40.03N	124.06W	750507 02	74				SMA-1	S20E
STA. 2, SHELTER COVE	40.03N	124.06W	750507 02	74				SMA-1	V
CAPE MENDOCINO, PETROLIA	40.35N	124.35W	750607 08	30				SMA-1	N30E
CAPE MENDOCINO, PETROLIA	40.35N	124.35W	750607 08	30				SMA-1	S60E
CAPE MENDOCINO, PETROLIA	40.35N	124.35W	750607 08	30				SMA-1	V
CITY HALL, FERNDALE	40.58N	124.26W	750607 08	10				S-M	N46W
CITY HALL, FERNDALE	40.58N	124.26W	750607 08	10				S-M	S44W
CITY HALL, FERNDALE	40.58N	124.26W	750607 08	10				S-M	V
GENERAL STORE, PETROLIA	40.32N	124.29W	750607 08	30				S-M	N15W
GENERAL STORE, PETROLIA	40.32N	124.29W	750607 08	30				S-M	N75E
GENERAL STORE, PETROLIA	40.32N	124.29W	750607 08	30				S-M	V
STA. 1, SHELTER COVE	40.04N	124.06W	750607 08	59				S-M	N70W
STA. 1, SHELTER COVE	40.04N	124.06W	750607 08	59				S-M	S20W
STA. 1, SHELTER COVE	40.04N	124.06W	750607 08	59				S-M	V
STA. 2, SHELTER COVE	40.03N	124.06W	750607 08	60				S-M	N70E
STA. 2, SHELTER COVE	40.03N	124.06W	750607 08	60				S-M	S20E
STA. 2, SHELTER COVE	40.03N	124.06W	750607 08	60				S-M	V
CITY HALL, FERNDALE	40.58N	124.26W	750607 11	34				S-M	N46W
CITY HALL, FERNDALE	40.58N	124.26W	750607 11	34				S-M	S44W
CITY HALL, FERNDALE	40.58N	124.26W	750607 11	34				S-M	V
NORANDA PLANT, NEW MADRID	36.51N	089.57W	750613 22	8	64.00				S02E
NORANDA PLANT, NEW MADRID	36.51N	089.57W	750613 22	8	43.00				S88W
NORANDA PLANT, NEW MADRID	36.51N	089.57W	750613 22	8	31.00				V
OROVILLE DAM	39.54N	121.48W	750801 20	13	127.40			AR-240	N44W
OROVILLE DAM	39.54N	121.48W	750801 20	13				AR-240	N46E
OROVILLE DAM	39.54N	121.48W	750801 20	13				AR-240	V
SEISMOGRAPH STATION	39.55N	121.50W	750801 20	13				S-MD	N37E
SEISMOGRAPH STATION	39.55N	121.50W	750801 20	13				S-MD	N53W
SEISMOGRAPH STATION	39.55N	121.50W	750801 20	13				S-MD	V
AIRPORT, OROVILLE	39.48N	121.60W	750802 20	12				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750802 20	12				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750802 20	12				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750802 20	12				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750802 20	12				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750802 20	12				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750802 20	12				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750802 20	12				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750802 20	12				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750802 20	11				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750802 20	11				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750802 20	11				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750802 20	9				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750802 20	9				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750802 20	9				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750803 01	7				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750803 01	7				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750803 01	7				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750803 01	10				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750803 01	10				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750803 01	10				SMA-1	V
CDMG STATION 3, OROVILLE	39.05N	121.50W	750803 01	49				SMA-1	N85W
CDMG STATION 3, OROVILLE	39.05N	121.50W	750803 01	49				SMA-1	S05W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CDMG STATION 3, OROVILLE	39.05N	121.50W	750803 01	49				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750803 01	8				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750803 01	8				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750803 01	8				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750803 01	8				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750803 01	8				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750803 01	8				SMA-1	V
DEPT.WATER RESOURCES,OROVILLE	39.51N	121.50W	750803 01	0				SMA-1	N90E
DEPT.WATER RESOURCES,OROVILLE	39.51N	121.50W	750803 01	0				SMA-1	S00E
DEPT.WATER RESOURCES,OROVILLE	39.51N	121.50W	750803 01	0				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750803 01	7				SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750803 01	7				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750803 01	7				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750803 01	0				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750803 01	0				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750803 01	0				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750803 02	9				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750803 02	9				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750803 02	9				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750803 02	11				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750803 02	11				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750803 02	11				SMA-1	V
CDMG STATION 3, OROVILLE	39.05N	121.50W	750803 02	48				SMA-1	N85W
CDMG STATION 3, OROVILLE	39.05N	121.50W	750803 02	48				SMA-1	S05W
CDMG STATION 3, OROVILLE	39.05N	121.50W	750803 02	48				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750803 02	9				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750803 02	9				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750803 02	9				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750803 02	8				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750803 02	8				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750803 02	8				SMA-1	V
DEPT.WATER RESOURCES,OROVILLE	39.51N	121.50W	750803 02	2				SMA-1	N90E
DEPT.WATER RESOURCES,OROVILLE	39.51N	121.50W	750803 02	2				SMA-1	S00E
DEPT.WATER RESOURCES,OROVILLE	39.51N	121.50W	750803 02	2				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750803 02	7				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750803 02	7				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750803 02	3				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750803 02	3				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750803 02	3				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750805 02	2				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750805 02	2				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750805 02	2				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750806 03	7				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750806 03	7				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750806 03	7				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750806 03	10				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750806 03	10				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750806 03	10				SMA-1	V
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 03	11				SMA-1	N90W
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 03	11				SMA-1	S00E
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 03	11				SMA-1	V
CDMG STATION 3, OROVILLE	39.05N	121.50W	750806 03	48				SMA-1	N85W
CDMG STATION 3, OROVILLE	39.05N	121.50W	750806 03	48				SMA-1	S05W
CDMG STATION 3, OROVILLE	39.05N	121.50W	750806 03	48				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750806 03	8				SMA-1	N35W

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CDMG STATION 4, OROVILLE	39.45N	121.60W	750806 03	8				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750806 03	8				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750806 03	7				SMA-1	DOWN
CDMG STATION 5, OROVILLE	39.43N	121.57W	750806 03	7				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750806 03	7				SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750806 03	48				SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750806 03	48				SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750806 03	48				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 03	7				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 03	7				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 03	7				SMA-1	V
EBH STATION, OROVILLE	39.43N	121.55W	750806 03	6				SMA-1	N00E
EBH STATION, OROVILLE	39.43N	121.55W	750806 03	6				SMA-1	N90E
EBH STATION, OROVILLE	39.43N	121.55W	750806 03	6				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750806 03	0				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750806 03	0				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750806 03	0				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750806 03					SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750806 03					SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750806 03					SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750806 03					SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750806 03					SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750806 03					SMA-1	V
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 03					SMA-1	N90W
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 03					SMA-1	S00E
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 03					SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750806 03					SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750806 03					SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750806 03					SMA-1	V
CWR, OROVILLE	39.05N	121.50W	750806 03					SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750806 03					SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750806 03					SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 03					SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 03					SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 03					SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 03					SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 03					SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 03					SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750806 03					SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750806 03					SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750806 03					SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750806 16					SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750806 16					SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750806 16					SMA-1	V
CWR, OROVILLE	39.05N	121.50W	750806 16					SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750806 16					SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750806 16					SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 16					SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 16					SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 16					SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750806 16	6				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750806 16	6				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750806 16	6				SMA-1	V
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 16	11				SMA-1	N90W
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 16	11				SMA-1	S00E

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CDMG STATION 2, OROVILLE	39.43N	121.63W	750806 16	11				SMA-1	V
CDMG STATION 3, OROVILLE	39.05N	121.50W	750806 16	50				SMA-1	N85W
CDMG STATION 3, OROVILLE	39.05N	121.50W	750806 16	50				SMA-1	S05W
CDMG STATION 3, OROVILLE	39.05N	121.50W	750806 16	50				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750806 16	8				SMA-1	N90E
CDMG STATION 4, OROVILLE	39.45N	121.60W	750806 16	8				SMA-1	S00E
CDMG STATION 4, OROVILLE	39.45N	121.60W	750806 16	8				SMA-1	V
CWR, OROVILLE	39.05N	121.50W	750806 16	50				SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750806 16	50				SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750806 16	50				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 16	9				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 16	9				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750806 16	9				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 16	8				SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 16	8				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750806 16	8				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750808 07	8				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750808 07	8				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750808 07	8				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750808 07	11				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750808 07	11				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750808 07	11				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750808 07	9				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750808 07	9				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750808 07	9				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750808 07	9				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750808 07	9				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750808 07	9				SMA-1	V
CDMG STATION 6, OROVILLE	39.43N	121.48W	750808 07	8				SMA-1	N35E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750808 07	8				SMA-1	S55E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750808 07	8				SMA-1	V
CDMG STATION 7, OROVILLE	39.48N	121.50W	750808 07	0				SMA-1	N90W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750808 07	0				SMA-1	S00W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750808 07	0				SMA-1	V
CWR, OROVILLE	39.05N	121.50W	750808 07	50				SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750808 07	50				SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750808 07	50				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750808 07	9				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750808 07	9				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750808 07	9				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750808 07	8				SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750808 07	8				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750808 07	8				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750811 06	11				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750811 06	11				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750811 06	11				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750811 06	10				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750811 06	10				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750811 06	10				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750811 06	8				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750811 06	8				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750811 06	8				SMA-1	V
CDMG STATION 6, OROVILLE	39.43N	121.48W	750811 06	2				SMA-1	N35E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750811 06	2				SMA-1	S55E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750811 06	2				SMA-1	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CDMG STATION 7, OROVILLE	39.48N	121.50W	750811 06	4				SMA-1	N90W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750811 06	4				SMA-1	S00W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750811 06	4				SMA-1	V
CWR, OROVILLE	39.05N	121.50W	750811 06	44				SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750811 06	44				SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750811 06	44				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750811 06	4				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750811 06	4				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750811 06	4				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750811 06	7				SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750811 06	7				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750811 06	7				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750811 06	6				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750811 06	6				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750811 06	6				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750811 15	4				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750811 15	4				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750811 15	4				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750811 15	7				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750811 15	7				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750811 15	7				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750811 15	4				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750811 15	4				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750811 15	4				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750811 15	4				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750811 15	4				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750811 15	4				SMA-1	V
CDMG STATION 6, OROVILLE	39.43N	121.48W	750811 15	7				SMA-1	N35E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750811 15	7				SMA-1	S55E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750811 15	7				SMA-1	V
CDMG STATION 7, OROVILLE	39.48N	121.50W	750811 15	4				SMA-1	N90W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750811 15	4				SMA-1	S00W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750811 15	4				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750811 15	6				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750811 15	6				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750811 15	6				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750811 15	3				SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750811 15	3				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750811 15	3				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750811 15	2				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750811 15	2				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750811 15	2				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750816 05	7				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750816 05	7				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750816 05	7				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750816 05	9				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750816 05	9				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750816 05	9				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750816 05	7				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750816 05	7				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750816 05	7				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750816 05	5				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750816 05	5				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750816 05	5				SMA-1	V
CDMG STATION 6, OROVILLE	39.43N	121.48W	750816 05	5				SMA-1	N35E

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Acc eration		ment	SMA-1 ment	V ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CWR, OROVILLE	39.05N	121.50W	750816 05	47					
CWR, OROVILLE	39.05N	121.50W	750816 05	47					
CWR, OROVILLE	39.05N	121.50W	750816 05	47					
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750816 05	5					
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750816 05	5					
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750816 05	5					
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750816 05	4					
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750816 05	4					
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750816 05	4					
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750816 05	0					
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750816 05	0					
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750816 05	0					
CDMG STATION 8, OROVILLE	39.43N	121.47W	750816 05	5					
CDMG STATION 8, OROVILLE	39.43N	121.47W	750816 05	5				SMA-1	S00E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750816 05	5				SMA-1	S55E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750816 05	5				SMA-1	V
CDMG STATION 8, OROVILLE	39.43N	121.47W	750816 05	5				SMA-1	N90W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750816 05	0				SMA-1	S00W
CDMG STATION 7, OROVILLE	39.48N	121.50W	750816 05	0				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750816 20						
AIRPORT, OROVILLE	39.48N	121.60W	750816 20						
AIRPORT, OROVILLE	39.48N	121.60W	750816 20						
CDMG STATION 4, OROVILLE	39.45N	121.60W	750816 20						
CDMG STATION 4, OROVILLE	39.45N	121.60W	750816 20					SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750816 20					SMA-1	V
CDMG STATION 6, OROVILLE	39.43N	121.48W	750816 20					SMA-1	N35E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750816 20					SMA-1	S55E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750816 20					SMA-1	V
CDMG STATION 8, OROVILLE	39.43N	121.47W	750816 20					SMA-1	N90W
CDMG STATION 8, OROVILLE	39.43N	121.47W	750816 20					SMA-1	S00E
CDMG STATION 8, OROVILLE	39.43N	121.47W	750816 20					SMA-1	V
CWR, OROVILLE	39.05N	121.50W	750816 20					SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750816 20					SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750816 20					SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750816 20					SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750816 20					SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750816 20					SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750816 20					SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750816 20					SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750816 20					SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750926 02	9				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750926 02	9				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750926 02	9				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750926 02	12				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750926 02	12				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750926 02	12				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750926 02	10				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750926 02	10				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750926 02	10				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750926 02	10				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750926 02	10				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750926 02	10				SMA-1	V
CDMG STATION 6, OROVILLE	39.43N	121.48W	750926 02	8				SMA-1	N35E
CDMG STATION 6, OROVILLE	39.43N	121.48W	750926 02	8				SMA-1	S55E

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CDMG STATION 6, OROVILLE	39.43N	121.48W	750926 02	8				SMA-1	V
CDMG STATION 8, OROVILLE	39.43N	121.47W	750926 02	8				SMA-1	N90W
CDMG STATION 8, OROVILLE	39.43N	121.47W	750926 02	8				SMA-1	S00E
CDMG STATION 8, OROVILLE	39.43N	121.47W	750926 02	8				SMA-1	V
CDMG STATION 9, OROVILLE	39.33N	121.48W	750926 02	19				SMA-1	N20W
CDMG STATION 9, OROVILLE	39.33N	121.48W	750926 02	19				SMA-1	S70W
CDMG STATION 9, OROVILLE	39.33N	121.48W	750926 02	19				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750926 02	9				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750926 02	9				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750926 02	9				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750926 02	9				SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750926 02	9				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750926 02	9				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750926 02	0				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750926 02	0				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750926 02	0				SMA-1	V
AIRPORT, OROVILLE	39.48N	121.60W	750927 22	6				SMA-1	N90W
AIRPORT, OROVILLE	39.48N	121.60W	750927 22	6				SMA-1	S00E
AIRPORT, OROVILLE	39.48N	121.60W	750927 22	6				SMA-1	V
CDMG STATION 1, OROVILLE	39.42N	121.60W	750927 22	11				SMA-1	N00E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750927 22	11				SMA-1	N90E
CDMG STATION 1, OROVILLE	39.42N	121.60W	750927 22	11				SMA-1	V
CDMG STATION 4, OROVILLE	39.45N	121.60W	750927 22	9				SMA-1	N35W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750927 22	9				SMA-1	S55W
CDMG STATION 4, OROVILLE	39.45N	121.60W	750927 22	9				SMA-1	V
CDMG STATION 5, OROVILLE	39.43N	121.57W	750927 22	9				SMA-1	N90E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750927 22	9				SMA-1	S00E
CDMG STATION 5, OROVILLE	39.43N	121.57W	750927 22	9				SMA-1	V
CDMG STATION 8, OROVILLE	39.43N	121.47W	750927 22	11				SMA-1	N90W
CDMG STATION 8, OROVILLE	39.43N	121.47W	750927 22	11				SMA-1	S00E
CDMG STATION 8, OROVILLE	39.43N	121.47W	750927 22	11				SMA-1	V
CDMG STATION 9, OROVILLE	39.33N	121.48W	750927 22	21				SMA-1	N20W
CDMG STATION 9, OROVILLE	39.33N	121.48W	750927 22	21				SMA-1	S70W
CDMG STATION 9, OROVILLE	39.33N	121.48W	750927 22	21				SMA-1	V
CWR, OROVILLE	39.05N	121.50W	750927 22	51				SMA-1	N90E
CWR, OROVILLE	39.05N	121.50W	750927 22	51				SMA-1	S00E
CWR, OROVILLE	39.05N	121.50W	750927 22	51				SMA-1	V
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750927 22	10				SMA-1	N00E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750927 22	10				SMA-1	N90E
D. JOHNSON RANCH, OROVILLE	39.42N	121.52W	750927 22	10				SMA-1	V
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750927 22	9				SMA-1	N00E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750927 22	9				SMA-1	N90E
EARL BROADBECK ST., OROVILLE	39.43N	121.55W	750927 22	9				SMA-1	V
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750927 22	0				SMA-1	N24W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750927 22	0				SMA-1	S66W
MEDICAL CENTER, OROVILLE	39.50N	121.53W	750927 22	0				SMA-1	V
HONOKAA, HAWAII	20.07N	155.06W	751129 13	80				SMA-1	N15W
HONOKAA, HAWAII	20.07N	155.06W	751129 13	80				SMA-1	S75W
HONOKAA, HAWAII	20.07N	155.06W	751129 13	80				SMA-1	V
HONOKA, HAWAII	19.70N	155.08W	751129 14	40				SMA-1	N15W
HONOKA, HAWAII	19.70N	155.08W	751129 14	40				SMA-1	S75W
HONOKA, HAWAII	19.70N	155.08W	751129 14	40				SMA-1	V
PUNALUU, HAWAII	19.16N	155.52W	751129 14	55				SMA-1	N63E
PUNALUU, HAWAII	19.16N	155.52W	751129 14	55				SMA-1	S37W
PUNALUU, HAWAII	19.16N	155.52W	751129 14	55				SMA-1	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
UNIV OF HAWAII, HILO	19.70N	155.08W	751129 14	40				SMA-1	N16W
UNIV OF HAWAII, HILO	19.70N	155.08W	751129 14	40				SMA-1	N74E
UNIV OF HAWAII, HILO	19.70N	155.08W	751129 14	40				SMA-1	V
ARKABUTLA DAM	34.76N	090.12W	760325 00	98	41.00			SMA-1	S28W
ARKABUTLA DAM	34.76N	090.12W	760325 00	98	22.00			SMA-1	S62E
ARKABUTLA DAM	34.76N	090.12W	760325 00	98	10.00			SMA-1	V
NORANDA PLANT, NEW MADRID	36.51N	089.57W	760325 00	131	11.00			SMA-1	S02E
NORANDA PLANT, NEW MADRID	36.51N	089.57W	760325 00	131	13.00			SMA-1	S88W
NORANDA PLANT, NEW MADRID	36.51N	089.57W	760325 00	131	10.00			SMA-1	V
REELFOOT, TIPTONVILLE	36.37N	089.41W	760325 00	130	17.00			SMA-1	S20E
REELFOOT, TIPTONVILLE	36.37N	089.41W	760325 00	130	11.00			SMA-1	S70W
REELFOOT, TIPTONVILLE	36.37N	089.41W	760325 00	130	12.00			SMA-1	V
WAPPAPELLO DAM	36.93N	090.27W	760325 00	150	10.00			SMA-1	S38W
WAPPAPELLO DAM	36.93N	090.27W	760325 00	150	12.00			SMA-1	S52E
WAPPAPELLO DAM	36.93N	090.27W	760325 00	150	5.00			SMA-1	V
ARKABUTLA DAM	34.76N	090.12W	760325 01	98	10.00			SMA-1	S28W
ARKABUTLA DAM	34.76N	090.12W	760325 01	98	5.00			SMA-1	S62E
ARKABUTLA DAM	34.76N	090.12W	760325 01	98	4.00			SMA-1	V
COYOTE DAM (CREST), UKIAH	39.20N	123.18W	780326 00	0				RFT-250	180
COYOTE DAM (CREST), UKIAH	39.20N	123.18W	780326 00	0				RFT-250	270
COYOTE DAM (CREST), UKIAH	39.20N	123.18W	780326 00	0				RFT-250	V
COYOTE DAM (TOE), UKIAH	39.20N	123.18W	780326 00	0				RFT-250	180
COYOTE DAM (TOE), UKIAH	39.20N	123.18W	780326 00	0				RFT-250	270
COYOTE DAM (TOE), UKIAH	39.20N	123.18W	780326 00	0				RFT-250	V
COYOTE DAM ABUTMENT, UKIAH	39.20N	123.18W	780326 00	0				RFT-250	180
COYOTE DAM ABUTMENT, UKIAH	39.20N	123.18W	780326 00	0				RFT-250	270
COYOTE DAM ABUTMENT, UKIAH	39.20N	123.18W	780326 00	0				RFT-250	V
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	780813 22	6	100.00			RFT-250	132
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	780813 22	6	210.00			RFT-250	222
COURTHOUSE, SANTA BARBARA	34.42N	119.70W	780813 22	6	70.00			RFT-250	V
CREST, CACHUMA DAM	34.59N	119.98W	780813 22	34	120.00			SMA-1	250
CREST, CACHUMA DAM	34.59N	119.98W	780813 22	34	80.00			SMA-1	340
CREST, CACHUMA DAM	34.59N	119.98W	780813 22	34	20.00			SMA-1	V
VALVE HOUSE, CACHUMA DAM	34.59N	119.98W	780813 22	34	70.00			SMA-1	250
VALVE HOUSE, CACHUMA DAM	34.59N	119.98W	780813 22	34	30.00			SMA-1	340
VALVE HOUSE, CACHUMA DAM	34.59N	119.98W	780813 22	34	20.00			SMA-1	V
MONTICELLO DAM	34.30N	81.33W	780827 10	2	250.00			SMA-1	180
MONTICELLO DAM	34.30N	81.33W	780827 10	2	200.00			SMA-1	90
MONTICELLO DAM	34.30N	81.33W	780827 10	2	80.00			SMA-1	V
FAA-VOR BLDG., YAKUTAT	59.51N	139.65W	790228 21	153	81.30	24.25	14.36	SMA-1	N009
FAA-VOR BLDG., YAKUTAT	59.51N	139.65W	790228 21	153	60.80	31.51	22.04	SMA-1	N279
FAA-VOR BLDG., YAKUTAT	59.51N	139.65W	790228 21	153	24.40	8.78	8.84	SMA-1	V
GULF TIMBER CO., ICY BAY	59.97N	141.64W	790228 21	62	96.30	21.00	7.02	SMA-1	N090
GULF TIMBER CO., ICY BAY	59.97N	141.64W	790228 21	62	171.40	35.05	11.23	SMA-1	N180
GULF TIMBER CO., ICY BAY	59.97N	141.64W	790228 21	62	62.90	20.09	6.63	SMA-1	V
ARY #1, GAVILAN COL., GILROY	36.97N	121.57W	790806 17	16	100.00			SMA-1	230
ARY #1, GAVILAN COL., GILROY	36.97N	121.57W	790806 17	16	130.00			SMA-1	320
ARY #1, GAVILAN COL., GILROY	36.97N	121.57W	790806 17	16	80.00			SMA-1	V
ARY #2, GILROY	36.98N	121.55W	790806 17	14	200.00			SMA-1	050
ARY #2, GILROY	36.98N	121.55W	790806 17	14	260.00			SMA-1	140
ARY #2, GILROY	36.98N	121.55W	790806 17	14	180.00			SMA-1	V
ARY #3, GILROY	36.99N	121.53W	790806 17	12	260.00			SMA-1	050
ARY #3, GILROY	36.99N	121.53W	790806 17	12	270.00			SMA-1	140
ARY #3, GILROY	36.99N	121.53W	790806 17	12	150				
ARY #6, SAN YSIDRO, GILROY	37.02N	121.48W	790806 17	9	420				

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
ARY #6, SAN YSIDRO, GILROY	37.02N	121.48W	790806 17	9	340.00			SMA-1	320
ARY #6, SAN YSIDRO, GILROY	37.02N	121.48W	790806 17	9	170.00			SMA-1	V
ARY#4, SAN YSIDRO SCH, GILROY	37.00N	121.52W	790806 17	11	240.00			SMA-1	270
ARY#4, SAN YSIDRO SCH, GILROY	37.00N	121.52W	790806 17	11	260.00			SMA-1	360
ARY#4, SAN YSIDRO SCH, GILROY	37.00N	121.52W	790806 17	11	440.00			SMA-1	V
SAN MARTIN, COYOTE CREEK	37.11N	121.55W	790806 17	4	160.00			SMA-1	160
SAN MARTIN, COYOTE CREEK	37.11N	121.55W	790806 17	4	230.00			SMA-1	250
SAN MARTIN, COYOTE CREEK	37.11N	121.55W	790806 17	4	100.00			SMA-1	V
ARY #2,KEYSTONE RD,EL CENTRO	32.91N	115.36W	791015 23	31				SMA-1	V
ARY #3,PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	29				SMA-1	140
ARY #3,PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	29				SMA-1	230
ARY #3,PINE UNION, EL CENTRO	32.89N	115.38W	791015 23	29				SMA-1	V
ARY #4,ANDERSON RD,EL CENTRO	32.86N	115.43W	791015 23	27				SMA-1	V
ARY #5, JAMES RD, EL CENTRO	32.85N	115.46W	791015 23	27				SMA-1	V
ARY#1,BORCHARD RNCH,EL CENTRO	32.96N	115.32W	791015 23	37				SMA-1	140
ARY#1,BORCHARD RNCH,EL CENTRO	32.96N	115.32W	791015 23	37				SMA-1	230
ARY#1,BORCHARD RNCH,EL CENTRO	32.96N	115.32W	791015 23	37				SMA-1	V
ARY#10, DOGWOOD RD.,EL CENTRO	32.80N	115.54W	791015 23	27				SMA-1	270
ARY#10, DOGWOOD RD.,EL CENTRO	32.80N	115.54W	791015 23	27				SMA-1	270
ARY#10, DOGWOOD RD.,EL CENTRO	32.80N	115.54W	791015 23	27				SMA-1	360
ARY#10, DOGWOOD RD.,EL CENTRO	32.80N	115.54W	791015 23	27				SMA-1	V
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	27				RFT-250	320
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	27				RFT-250	50
ARY#10, HOSPITAL, EL CENTRO	32.78N	115.56W	791015 23	27				RFT-250	V
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	28				SMA-1	140
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	28				SMA-1	230
ARY#11,MCCABE SCHOOL,EL CENTRO	32.75N	115.59W	791015 23	28				SMA-1	V
ARY#12,BROCKMAN RD,EL CENTRO	32.71N	115.63W	791015 23	30				SMA-1	140
ARY#12,BROCKMAN RD,EL CENTRO	32.71N	115.63W	791015 23	30				SMA-1	230
ARY#12,BROCKMAN RD,EL CENTRO	32.71N	115.63W	791015 23	30				SMA-1	V
ARY#13, STROBEL, EL CENTRO	32.70N	115.68W	791015 23	34				SMA-1	140
ARY#13, STROBEL, EL CENTRO	32.70N	115.68W	791015 23	34				SMA-1	230
ARY#13, STROBEL, EL CENTRO	32.70N	115.68W	791015 23	34				SMA-1	V
ARY#2,KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	31				SMA-1	140
ARY#2,KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	31				SMA-1	230
ARY#2,KEYSTONE RD, EL CENTRO	32.91N	115.36W	791015 23	31				SMA-1	V
ARY#4,ANDERSON RD.,EL CENTRO	32.86N	115.43W	791015 23	27				SMA-1	140
ARY#4,ANDERSON RD.,EL CENTRO	32.86N	115.43W	791015 23	27				SMA-1	230
ARY#4,ANDERSON RD.,EL CENTRO	32.86N	115.43W	791015 23	27				SMA-1	V
ARY#5, JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	27				SMA-1	140
ARY#5, JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	27				SMA-1	230
ARY#5, JAMES RD., EL CENTRO	32.85N	115.46W	791015 23	27				SMA-1	V
ARY#6, HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	26				SMA-1	140
ARY#6, HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	26				SMA-1	230
ARY#6, HUSTON RD., EL CENTRO	32.83N	115.48W	791015 23	26				SMA-1	V
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	26				SMA-1	140
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	26				SMA-1	230
ARY#7,IMP.VAL.COLL.,EL CENTRO	32.82N	115.50W	791015 23	26				SMA-1	V
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	27				SMA-1	140
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	27				SMA-1	230
ARY#8,CRUICKSHANK RD,EL CENTRO	32.81N	115.53W	791015 23	27				SMA-1	V
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	7				SMA-1	140
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	7				SMA-1	230
BONDS CORNER, EL CENTRO	32.69N	115.34W	791015 23	7				SMA-1	V
CANAL #4, COACHELLA	33.36N	115.59W	791015 23	85				SMA-1	135

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CANAL #4, COACHELLA	33.36N	115.59W	791015 23	85				SMA-1	45
CANAL #4, COACHELLA	33.36N	115.59W	791015 23	85				SMA-1	V
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	16				SMA-1	225
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	16				SMA-1	315
FIRE STATION, CALEXICO	32.67N	115.49W	791015 23	16				SMA-1	V
FIRE STATION, CALIPATRIA	33.13N	115.52W	791015 23	58				SMA-1	225
FIRE STATION, CALIPATRIA	33.13N	115.52W	791015 23	58				SMA-1	315
FIRE STATION, CALIPATRIA	33.13N	115.52W	791015 23	58				SMA-1	V
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	42				SMA-1	225
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	42				SMA-1	315
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	791015 23	42				SMA-1	V
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	791015 23	48				SMA-1	225
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	791015 23	48				SMA-1	315
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	791015 23	48				SMA-1	V
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	20				SMA-1	225
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	20				SMA-1	315
POST OFFICE, HOLTVILLE	32.81N	115.37W	791015 23	20				SMA-1	V
STOREHOUSE, PLASTER CITY	32.79N	115.86W	791015 23	53				SMA-1	135
STOREHOUSE, PLASTER CITY	32.79N	115.86W	791015 23	53				SMA-1	45
STOREHOUSE, PLASTER CITY	32.79N	115.86W	791015 23	53				SMA-1	V
SUPERSTITION MOUNTAIN, CA	32.95N	115.82W	791015 23	58				SMA-1	135
SUPERSTITION MOUNTAIN, CA	32.95N	115.82W	791015 23	58				SMA-1	45
SUPERSTITION MOUNTAIN, CA	32.95N	115.82W	791015 23	58				SMA-1	V
MONTICELLO DAM	34.30N	81.33W	791016 07	2				SMA-1	180
MONTICELLO DAM	34.30N	81.33W	791016 07	2				SMA-1	90
MONTICELLO DAM	34.30N	81.33W	791016 07	2				SMA-1	V
DEL VALLEY DAM (TOE), CA	37.62N	121.71W	800124 19	24				SMA-1	156
DEL VALLEY DAM (TOE), CA	37.62N	121.71W	800124 19	24				SMA-1	246
DEL VALLEY DAM (TOE), CA	37.62N	121.71W	800124 19	24				SMA-1	V
DEL VALLEY DAM, CA	37.62N	121.71W	800124 19	24				SMA-1	156
DEL VALLEY DAM, CA	37.62N	121.71W	800124 19	24				SMA-1	246
DEL VALLEY DAM, CA	37.62N	121.71W	800124 19	24				SMA-1	V
LIVERMORE, CA	37.62N	121.76W	800124 19	23				SMA-1	128
LIVERMORE, CA	37.62N	121.76W	800124 19	23				SMA-1	38
LIVERMORE, CA	37.62N	121.76W	800124 19	23				SMA-1	V
DEL VALLEY DAM (TOE), CA	37.62N	121.71W	800127 02	14				SMA-1	156
DEL VALLEY DAM (TOE), CA	37.62N	121.71W	800127 02	14				SMA-1	246
DEL VALLEY DAM (TOE), CA	37.62N	121.71W	800127 02	14				SMA-1	V
DEL VALLEY DAM, CA	37.62N	121.71W	800127 02	14				SMA-1	156
DEL VALLEY DAM, CA	37.62N	121.71W	800127 02	14				SMA-1	246
DEL VALLEY DAM, CA	37.62N	121.71W	800127 02	14				SMA-1	V
LIVERMORE	37.62N	121.76W	800127 02	15				SMA-1	38
LIVERMORE	37.62N	121.76W	800127 02	15				SMA-1	V
LIVERMORE	37.62N	121.76W	800127 02	15				SMA-1	128
CONVICT CREEK	37.61N	118.83W	800525 12	2	202.84	3.27	.09	SMA-1	180
CONVICT CREEK	37.61N	118.83W	800525 16	2	392.09	23.15	5.37	SMA-1	180
LONG VALLEY DAM	37.59N	118.71W	800525 16	12	75.45	7.12	3.37	CRA-1	90
LONG VALLEY DAM	37.59N	118.71W	800525 16	12	261.68	13.63	3.17	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800525 16	12	220.99	17.95	3.47	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800525 16	12	147.71	13.06	3.89	SMA-1	90
MAMMOTH LAKES-HIGH SCHOOL	37.64N	118.96W	800525 16	11	303.97	15.77	2.43	CRA-1	270
MAMMOTH LAKES-HIGH SCHOOL	37.64N	118.96W	800525 16	13	44.37	1.88	.08	CRA-1	270
CONVICT CREEK	37.61N	118.83W	800525 16	6	176.79	13.61	2.61	SMA-1	180
LONG VALLEY DAM	37.59N	118.71W	800525 16	17	64.49	4.36	.52	SMA-1	90
MAMMOTH LAKES-HIGH SCHOOL	37.64N	118.96W	800525 16	5	372.42	23.18	2.87	CRA-1	270

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
CONVICT CREEK	37.61N	118.83W	800525 19	7	179.89	15.88	2.49	SMA-1	180
LONG VALLEY DAM	37.59N	118.71W	800525 19	13	187.31	12.13	1.83	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800525 19	13	115.55	7.71	1.83	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800525 19	13	74.43	6.25	1.50	CRA-1	90
CONVICT CREEK	37.61N	118.83W	800525 20	2	490.54	18.33	2.62	SMA-1	180
LONG VALLEY DAM	37.59N	118.71W	800525 20	13	90.13	5.96	.73	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800525 20	13	138.25	6.81	.86	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800525 20	13	59.89	3.58	.51	CRA-1	90
CONVICT CREEK	37.61N	118.83W	800526 18	9	96.64	3.58	.37	SMA-1	180
LONG VALLEY DAM	37.59N	118.71W	800526 18	17	70.48	6.45	.73	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800526 18	17	97.01	5.46	.65	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800526 18	17	114.66	7.89	.87	SMA-1	90
BENTON	37.82N	118.60W	800527 07	30	172.52	11.18	1.27	SMA-1	360
PARADISE LODGE, BISHOP	37.48N	118.60W	800527 07	22	98.62	5.46	1.35	SMA-1	160
CONVICT CREEK	37.61N	118.83W	800527 14	13	287.93	15.62	2.93	SMA-1	180
LONG VALLEY DAM	37.59N	118.71W	800527 14	15	465.82	34.44	5.76	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800527 14	15	454.76	51.74	7.22	SMA-1	90
LONG VALLEY DAM	37.59N	118.71W	800527 14	15	194.95	20.77	3.50	CRA-1	90
LONG VALLEY DAM	37.59N	118.71W	800527 14	15	342.36	34.18	6.17	SMA-1	90
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	810426 12	18	160.00			SMA-1	225
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	810426 12	18	180.00			SMA-1	315
MUNICIPAL AIRPORT, BRAWLEY	32.98N	115.50W	810426 12	18	110.00			SMA-1	V
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	810426 12	20	230.00			SMA-1	225
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	810426 12	20	160.00			SMA-1	315
PARACHUTE TSTFAC, EL CENTRO	32.93N	115.70W	810426 12	20	160.00			SMA-1	V
SUPERSTITION MOUNTAIN	32.95N	115.82W	810426 12	24	110.00			RFT-250	135
SUPERSTITION MOUNTAIN	32.95N	115.82W	810426 12	24	90.00			RFT-250	45
SUPERSTITION MOUNTAIN	32.95N	115.82W	810426 12	24	60.00			RFT-250	V
WILDLIFE REFUGE, SALTON SEA	33.18N	115.62W	810426 12	9	200.00			SMA-1	225
WILDLIFE REFUGE, SALTON SEA	33.18N	115.62W	810426 12	9	190.00			SMA-1	315
WILDLIFE REFUGE, SALTON SEA	33.18N	115.62W	810426 12	9	220.00			SMA-1	V
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830502 23	11	514.43	39.22	5.05	SMA-1	135
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830502 23	11	595.06	49.96	15.46	SMA-1	45
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830502 23	11	371.13	16.40	7.58	SMA-1	V
ANTICLINE RIDGE, COALINGA	36.23N	120.33W	830509 02	2	560.00			SMA-1	270
ANTICLINE RIDGE, COALINGA	36.23N	120.33W	830509 02	2	560.00			SMA-1	360
ANTICLINE RIDGE, COALINGA	36.23N	120.33W	830509 02	2	300.00			SMA-1	V
BURNETT CONSTRUCTION, COALINGA	36.13N	120.35W	830509 02	12	80.00			SMA-1	270
BURNETT CONSTRUCTION, COALINGA	36.13N	120.35W	830509 02	12	90.00			SMA-1	360
BURNETT CONSTRUCTION, COALINGA	36.13N	120.35W	830509 02	12	70.00			SMA-1	V
OIL CITY, COALINGA	36.22N	120.36W	830509 02	4	30.00			SMA-1	270
OIL CITY, COALINGA	36.22N	120.36W	830509 02	4	10.00			SMA-1	360
OIL CITY, COALINGA	36.22N	120.36W	830509 02	4	24.00			SMA-1	V
OILFIELD FIRE STA., COALINGA	36.24N	120.31W	830509 02	0	18.00			SMA-1	270
OILFIELD FIRE STA., COALINGA	36.24N	120.31W	830509 02	0	16.00			SMA-1	360
OILFIELD FIRE STA., COALINGA	36.24N	120.31W	830509 02	0	25.00			SMA-1	V
PALMER AVE., COALINGA	36.20N	120.29W	830509 02	4	26.00			SMA-1	270
PALMER AVE., COALINGA	36.20N	120.29W	830509 02	4	10.00			SMA-1	360
PALMER AVE., COALINGA	36.20N	120.29W	830509 02	4	22.00			SMA-1	V
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830509 02	10	23.00			SMA-1	135
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830509 02	10	6.00			SMA-1	45
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830509 02	10	24.00			SMA-1	V
SKUNK HOLLOW, COALINGA	36.27N	120.30W	830509 02	4	12.00			SMA-1	270
SKUNK HOLLOW, COALINGA	36.27N	120.30W	830509 02	4	12.00			SMA-1	360
SKUNK HOLLOW, COALINGA	36.27N	120.30W	830509 02	4	15.00			SMA-1	V

Table 2.--List of Digital Strong-Motion Records Available from WDC-A/NGDC (cont.)

Station location Country/State/City	Lat.	Long.	Record date (UTC)	Epicentral distance	Accel-eration	Velocity	Displace-ment	Instru-ment	Com-ponent
	Deg	Deg	YRMODA HR	km	gal	cm/s	cm		
UNITED STATES (CONT.)									
ANTICLINE RIDGE, COALINGA	36.23N	120.33W	830722 02	2	1131.50	50.70	9.23	SMA-1	270
ANTICLINE RIDGE, COALINGA	36.23N	120.33W	830722 02	2	490.31	20.15	2.64	SMA-1	360
ANTICLINE RIDGE, COALINGA	36.23N	120.33W	830722 02	2	780.83	13.79	2.64	SMA-1	V
BURNETT CONSTRUCTION, COALINGA	36.13N	120.35W	830722 02	12	251.58	15.70	2.39	SMA-1	270
BURNETT CONSTRUCTION, COALINGA	36.13N	120.35W	830722 02	12	330.48	17.54	1.35	SMA-1	360
BURNETT CONSTRUCTION, COALINGA	36.13N	120.35W	830722 02	12	201.94	10.00	1.51	SMA-1	V
OIL CITY, COALINGA	36.22N	120.36W	830722 02	4	454.72	34.13	9.45	SMA-1	360
OIL CITY, COALINGA	36.22N	120.36W	830722 02	4	920.76	38.20	6.22	SMA-1	270
OIL CITY, COALINGA	36.22N	120.36W	830722 02	4	562.89	20.76	4.31	SMA-1	V
OILFIELD FIRE STA., COALINGA	36.24N	120.31W	830722 02	0	212.05	16.78	3.39	SMA-1	270
OILFIELD FIRE STA., COALINGA	36.24N	120.31W	830722 02	0	189.45	15.88	3.50	SMA-1	360
OILFIELD FIRE STA., COALINGA	36.24N	120.31W	830722 02	0	142.49	6.57	2.63	SMA-1	V
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830722 02	11	250.83	9.84	2.06	SMA-1	135
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830722 02	11	1083.27	52.97	7.51	SMA-1	45
PLEASANT VALLEY PUMP PLANT	36.31N	120.25W	830722 02	11	391.28	8.49	1.64	SMA-1	V
ANDERSON DAM, DOWNSTREAM	37.17N	121.63W	840424 21	18	409.00			DSA-1	250
ANDERSON DAM, DOWNSTREAM	37.17N	121.63W	840424 21	18	301.00			DSA-1	340
ANDERSON DAM, DOWNSTREAM	37.17N	121.63W	840424 21	18	201.00			DSA-1	V
CITY HALL, HOLLISTER	36.85N	121.40W	840424 21	59	78.00			DSA-1	180
CITY HALL, HOLLISTER	36.85N	121.40W	840424 21	59	77.00			DSA-1	90
CITY HALL, HOLLISTER	36.85N	121.40W	840424 21	59	425.00			DSA-1	V
DIFF. ARRAY, HOLLISTER	36.88N	121.41W	840424 21	55	89.00			SMA-1	165
DIFF. ARRAY, HOLLISTER	36.88N	121.41W	840424 21	55	94.00			SMA-1	255
DIFF. ARRAY, HOLLISTER	36.88N	121.41W	840424 21	55	222.00			SMA-1	V
FREEWAY INTRCHG, SAN JOSE	37.34N	121.85W	840424 21	14	83.00			DSA-1	232
FREEWAY INTRCHG, SAN JOSE	37.34N	121.85W	840424 21	14	123.00			DSA-1	322
FREEWAY INTRCHG, SAN JOSE	37.34N	121.85W	840424 21	14	82.00			DSA-1	V
SAN JUSTO DAMSITE	36.82N	121.45W	840424 21	60	76.00			DSA-1	270
SAN JUSTO DAMSITE	36.82N	121.45W	840424 21	60	74.00			DSA-1	360
SAN JUSTO DAMSITE	36.82N	121.45W	840424 21	60	60.00			DSA-1	V
UNION OF SOVIET SOCIALIST REPUBLICS									
GAZLI, SSR			760517 02		800.00			SSRZ	EW
GAZLI, SSR			760517 02		600.00			SSRZ	NS
GAZLI, SSR			760517 02		1300.00			SSRZ	V

Table 3.--List of Agencies That Contributed Strong-Motion Records to WDC-A/NGDC

Australia:	Bureau of Mineral Resources, Canberra
Chile:	Universidad de Chile, Santiago, and U.S. Geological Survey
Costa Rica*:	Observatorio Meteorologico, San Jose, and U.S. Geological Survey
El Salvador:	U. S. Geological Survey
Ecuador*:	Observatorio Nacional, Quito, and U.S. Geological Survey
Guatemala*:	National Observatory, Guatemala City, and U.S. Geological Survey
Italy:	Italian State Power Board (ENEL) and Italian Commission for Nuclear Energy (CNEN), Rome
Japan:	Strong-Motion Accelerometer Committee, Tokyo, and EXXON Production Research Company
Mexico:	Universidad Nacional Autonoma, Mexico City, and University of California at San Diego
New Zealand:	Department of Scientific & Industrial Research, Wellington
Nicaragua:	U. S. Geological Survey
Panama*:	U. S. Geological Survey
Papua New Guinea:	Bureau of Mineral Resouces, Canberra, Australia
People's Republic of China:	Academy of Sciences, Beijing
Peru:	Instituto Geofisico, Lima, and U.S. Geological Survey
Rumania:	Institut Central de Fizica, Bucharest
Taiwan:	University of California at Berkeley
United States:	U.S. Geological Survey, California Division of Mines and Geology (Sacramento), and EXXON Production Research Co.
USSR:	Academy of Sciences, Moscow
Yugoslavia:	Institute of Earthquake Engineering and Engineering Seismology, University Kiril and Metodij, Skopje

*Only analog data (mostly xerographic copies from published reports) are available for these countries.

Table 4. List of Magnetic Tapes Containing Digitized Strong-Motion Data

TAPE NAME AND COUNTRY/STATE	DESCRIPTION OF TAPE	NO. ~~RECORDS~~ FILES	NO. STA-TIONS	TAPE BLOCKING	CONTRIBUTING AGENCY	NO. EVENTS
UNITED STATES:						
Alaska:						
AK----------	ST. ELIAS, AK, 2/28/79 (CORRECTED AND RESPONSE SPECTRA DATA).	18	3	80 X 25	USGS----------	2
(SEE TAPE "71" FOR ADAK, AK EARTHQUAKE OF 5/2/71; SEE TAPE "72" FOR SITKA EARTHQUAKE OF 7/30/72.)						
California:						
AF----------	CALIFORNIA EARTHQUAKES, 1933-71 (CORRECTED AND UNCORRECTED RECORDS) (TAPES AB, CG, HL).	311	52	100 X 25	USGS----------	22
AB----------	CALIFORNIA EARTHQUAKES (UNCORRECTED RECORDS): 7/1/41; 3/9/49; 1/12/54; 3/22/57; 4/9/61; AND 6/28/66.	44	15	80 X 10	USGS----------	6
CG----------	SAN FERNANDO, CALIF. EARTHQUAKE, 2/9/71 (UNCORRECTED RECORDS).	223	74	80 X 50	USGS----------	1
HL----------	SAN FERNANDO, CALIF. EARTHQUAKE, 2/9/71 (UNCORRECTED RECORDS).	190	63	80 X 50	USGS----------	1
GP----------	SAN FERNANDO, CALIF. EARTHQUAKE, 2/9/71 (CORRECTED RECORDS). (CG, HL, MO, PW).	306	101	100 X 25	USGS----------	1
MO----------	SAN FERNANDO, CALIF. EARTHQUAKE, 2/9/71 (UNCORRECTED RECORDS).	111	36	80 X 50	USGS----------	1
QY----------	CALIFORNIA EVENTS, 1933-71 (TAPES PW, XY) (CORRECTED RECORDS).	366	80	100 X 25	USGS----------	40
PW----------	CALIFORNIA EVENTS, 1933-71 (UNCORRECTED RECORDS).	421	101	80 X 50	USGS----------	40
XY----------	SAN FERNANDO, CALIF. EARTHQUAKE, 2/9/71 (UNCORRECTED RECORDS).	81	27	80 X 50	USGS----------	1
NS56----------	CALTECH UNCORRECTED ACCELEROGRAMS, VOL. I, 1933-71.	444	104	80 X 10	USGS----------	39
CAL1----------	CALTECH CORRECTED, REFILTERED ACCELEROGRAMS, VOL. II, 1933-71.	483	161	80 X 25	USGS----------	44
NS50----------	CALTECH CORRECTED ACCELEROGRAMS, VOL. II, 1933-71.	524	151	80 X 40	USGS----------	21
NS51----------	CALTECH CORRECTED ACCELEROGRAMS, VOL. II, 1933-71.	434	98	80 X 40	USGS----------	40
RS----------	CALTECH RESPONSE SPECTRA (VOL. III), AMPLITUDE SPECTRA (VOL. IV), 1933-71.	961	237	80 X 42	USGS----------	63
(ALSO SEE TAPE "67" FOR OTHER CALIFORNIA EVENTS INCLUDING: 3/8/71, ISABELLA DAM; 8/1/75, OROVILLE; 9/12/71, FERNDALE.)						
(SEE TAPE "72" FOR BEAR VALLEY, CALIF. EARTHQUAKE OF 9/4/72.)						
74----------	CALIFORNIA RECORDS (CORRECTED, UNCORRECTED, RESPONSE SPECTRA): INCLUDES 11/28/74, 1/12/75, 5/7/75, AND 6/7/75 (TWO EVENTS).	108	8	80 X 10	USGS----------	4

Table 4. List of Magnetic Tapes Containing Digitized Strong-Motion Data (Cont.)

TAPE NAME AND COUNTRY/STATE	DESCRIPTION OF TAPE	NO. RECORDS	NO. STATIONS	TAPE BLOCKING	CONTRIBUTING AGENCY	NO. EVENTS
California (Cont.):						
OR----------	OROVILLE, CALIF. AFTERSHOCKS OF 1975 (UNCORRECTED). ALSO SEE TAPE "67" FOR EVENT OF 8/1/75.	372	15	80 X 10	USGS----------	11
CD----------	COYOTE DAM, CALIF. EARTHQUAKE, 3/26/78 (UNCORRECTED, CORRECTED, AND RESPONSE).	27	3	80 X 10	USGS----------	1
SB----------	SANTA BARBARA, CALIF. EARTHQUAKE, 8/13/78 (UNCORRECTED, CORRECTED, RESPONSE SPECTRA).	27	2	80 X 10	USGS----------	1
✓CY----------	COYOTE LAKE, CALIF. EARTHQUAKE, 8/6/79 (UNCORRECTED, CORRECTED, AND RESPONSE SPECTRA).	54	6	80 X 10	USGS----------	1
DA----------	NEAR EL CENTRO, CALIF., DIFFERENTIAL GROUND-MOTION ARRAY, 10/15/79 (CORRECTED AND UNCORRECTED).	10	5	80 X 25	USGS----------	1
IV-1----------	IMPERIAL VALLEY, CALIF., 10/15/79 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	99	11	80 X 10	USGS----------	1
IV-2----------	IMPERIAL VALLEY, CALIF., 10/15/79 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	99	11	80 X 10	USGS----------	1
IVA----------	IMPERIAL VALLEY, CALIF. AFTERSHOCK, 10/15/79 (CORRECTED, UNCORRECTED AND RESPONSE SPECTRA).	144	16	80 X 25	USGS----------	1
BD----------	MOUNT DIABLO, CALIF., 1/24/80 AND AFTERSHOCKS OF 1/27/80 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	72	8	80 X 10	USGS----------	2
ML1----------	MAMMOTH LAKES, CALIF. EARTHQUAKES, 5/25/80 (16:34 AND 16:49; CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	30	3	80 X 10	CDMG----------	2
ML2----------	MAMMOTH LAKES, CALIF. EARTHQUAKES, 5/25/80 (19:45 AND 20:36; CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	27	2	80 X 10	CDMG----------	2
ML3----------	MAMMOTH LAKES, CALIF. EARTHQUAKES, 5/26/80 AND 5/27/80 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	33	4	80 X 10	CDMG----------	2
CAL3----------	WESTMORLAND, CALIF. EARTHQUAKE, 4/26/81 (CORRECTED, UNCORRECTED, AND RESPONSE DATA).	36	4	80 X 25	USGS----------	1
COA1----------	COALINGA, CALIF. EARTHQUAKES, 5/2/83 AND 5/9/83 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	91	10	80 X 25	USGS----------	2
COA2----------	COALINGA, CALIF. EARTHQUAKE, 7/22/83 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	63	7	80 X 25	USGS----------	1
MHC1----------	MORGAN HILL, CALIF. EARTHQUAKE, 4/24/84 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	48	5	80 X 25	USGS----------	1
MHC2----------	MORGAN HILL, CALIF. EARTHQUAKE, 4/24/84 (CORRECTED, UNCORRECTED, AND RESPONSE SPECTRA).	27	--	80 X 25	CDMG----------	1

Table 4. List of Magnetic Tapes Containing Digitized Strong-Motion Data (Cont.)

TAPE NAME AND COUNTRY/STATE	DESCRIPTION OF TAPE	NO. RECORDS	NO. STA-TIONS	TAPE BLOCKING	CONTRIBUTING AGENCY	NO. EVENTS
Hawaii:	HAWAII EARTHQUAKES, 4/26/73 AND 11/29/75, SEE TAPE "67".					
Missouri (and Miscellaneous Areas):						
PUN----------	UNCORRECTED AND CORRECTED RECORDS. INCLUDES 6/13/75 AND 3/25/76 (2 SHOCKS), NEW MADRID, MO SEISMIC ZONE; 5/17/76, UZBEK SSR, USSR; 3/4/77, BUCHAREST, RUMANIA; AND 3/15/65, 9/26/67, AND 7/8/71, SANTIAGO, CHILE.	43	10	80 X 25	ST. LOUIS UNIV., MO; ACAD. OF SCIENCES, USSR; UNIVERSIDAD DE CHILE, SANTIAGO.	7
South Carolina:						
MT----------	MONTICELLO DAM, JENKINSVILLE, SC, 8/27/78, 10/16/79, AND AFTERSHOCKS (UNCORRECTED, CORRECTED).	13	2	80 X 10	USGS----------	2
FOREIGN EVENTS:						
CHILE	SEE TAPE "PUN" FOR EARTHQUAKES OF 3/15/65, 9/26/67, AND 7/8/71; ALSO SEE TAPE "71" FOR EARTHQUAKE OF 7/8/71.					
EL SALVADOR	SEE TAPE "67" FOR EARTHQUAKE OF 11/18/67.					
ITALY						
IT----------	FRIULI, ITALY, 1976 (UNCORRECTED RECORDS).	335	23	80 X 40	ITALIAN COM. FOR NUCLEAR ENERGY, ITALY.	23
CAM----------	CAMPANIA-LUCANIA, ITALY EARTHQUAKE, 11/23/80 (UNCORRECTED, CORRECTED, RESPONSE SPECTRA).	228	28	80 X 45	ITALIAN COM. FOR NUCLEAR ENERGY, ITALY.	9
JAPAN						
JJ----------	JAPAN, 1957-68 (UNCORRECTED RECORDS).	88	41	80 X 12	STRONG-MOTION ACCEL. COMM., TOKYO, JAPAN.	11
JJ1----------	JAPAN, 1956-78 (UNCORRECTED AND RESPONSE SPECTRA RECORDS).	177	42	80 X 10	EXXON PRODUCTION RESEARCH CO.	51
JJ2----------	JAPAN, 1956-78 (CORRECTED AND RESPONSE SPECTRA RECORDS).	177	42	80 X 10	EXXON PRODUCTION RESEARCH CO.	51
MEXICO						
MX----------	MEXICALI VALLEY, MEXICO, 1978-80 (UNCORRECTED). ALSO SEE TAPE "67" FOR EVENT OF 1/30/73.	90	13	120 X 50	UC, SAN DIEGO, IGPP, CALIF.	12
NICARAGUA	SEE TAPE "67" FOR EARTHQUAKES OF 1/4/68 AND 3/31/73; SEE TAPE "72" FOR EARTHQUAKES OF 1/3/72, 1/5/72, AND 12/23/72.					
PAPUA NEW GUINEA REGION						
AU----------	PAPUA NEW GUINEA REGION, 1967-74 (UNCORRECTED, CORRECTED).	223	9	80 X 1	BUR. OF MINERAL RES., CANBERRA	44

Table 4. List of Magnetic Tapes Containing Digitized Strong-Motion Data (Cont.)

TAPE NAME AND COUNTRY/STATE	DESCRIPTION OF TAPE	NO. RECORDS	NO. STA-TIONS	TAPE BLOCKING	CONTRIBUTING AGENCY	NO. EVENTS
PEOPLE'S REPUBLIC OF CHINA						
PRC----------	TANSHANG, PRC EARTHQUAKES, 7/27/76 THROUGH 11/15/76 (UNCORRECTED).	267	44	80 X 10	ACAD. SCIENCES, PRC.	38
PERU						
PP----------	PERU RECORDS, 1951-74 (UNCORRECTED, CORRECTED, RESPONSE SPECTRA). SEE TAPE "71" FOR PERU EARTHQUAKE OF 11/29/71.	90	5	80 X 10	USGS----------	7
RUMANIA	SEE TAPE "PUN" FOR EARTHQUAKE OF 3/4/77.					
TAIWAN, REPUBLIC OF CHINA						
TAI----------	TAIWAN DATA FOR EARTHQUAKES BETWEEN 10/80 AND 9/83 (UNCORRECTED RECORDS).	1400	39	80 X 45	UC, BERKELEY-----	25
USSR	SEE TAPE "PUN" FOR EARTHQUAKE OF 5/17/76.					
WESTERN HEMISPHERE EVENTS:						
67----------	RECORDS FROM WESTERN HEMISPHERE INCLUDING: EL SALVADOR, 11/18/67; NICARAGUA, 1/4/68; 3/31/73; MEXICO, 1/30/73; HAWAII, 4/26/73, 11/29/75 (2 EVENTS); OROVILLE, CALIF., 8/1/75 (UNCORRECTED, CORRECTED, RESPONSE SPECTRA).	126	12	80 X 10	USGS----------	8
71----------	RECORDS FROM WESTERN HEMISPHERE INCLUDING: ISABELLA DAM, CALIF., 3/8/71; ADAK, AK, 5/2/71; SANTIAGO, CHILE, 7/8/71; FERNDALE, CALIF., 9/12/71; AND LIMA, PERU, 11/29/71 (UNCORRECTED, CORRECTED, RESPONSE SPECTRA).	33	5	80 X 10	USGS----------	5
72----------	RECORDS FROM WESTERN HEMISPHERE INCLUDING: NICARAGUA, 1/3/72, 1/5/72, 12/23/72; SITKA, AK, 7/30/72; AND BEAR VALLEY, CALIF., 9/4/72 UNCORRECTED, CORRECTED, RESPONSE SPECTRA).	90	6	80 X 10	USGS----------	5

CALTECH = CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA.
CDMG = CALIFORNIA DIVISION OF MINES AND GEOLOGY, SACRAMENTO.
IGPP = INSTITUTE OF GEOPHYSICS AND PLANETARY PHYSICS.
UC = UNIVERSITY OF CALIFORNIA.
USGS = U. S. GEOLOGICAL SURVEY, MENLO PARK, CALIF.

Appendix 1. Characteristics of Strong-Motion Earthquake Accelerographs

Data in the National Geophysical Data Center/World Data Center-A strong motion inventory were recorded by several types of accelerographs. Brief descriptions of these instruments are given below. For additional information on strong-motion accelerographs, contact the U.S. Geological Survey, National Strong-Motion Program, 345 Middlefield Road, MS 977, Menlo Park, Calif. 94025.

AR-240

The AR-240, introduced by Teledyne-Geotech in 1963, quickly became the standard accelerograph used in the United States. It has a period of 0.058 second, a static magnification of 90, and a sensitivity of 12.9 gal/mm. The recording medium is photographic paper.

Digital Recorders--DSA-1, CRA-1, and DSA-3

Digital strong-motion accelerographs include the DSA-1 (a three-channel recorder that records on digital cassette), the CRA-1 (a 13-channel recorder that records on photographic film), and the DSA-3, a central recording instrument based on the DSA-1 accelerograph.

MO-2, SMA-1

The New Zealand Model MO-2 has a natural period of 0.03 second, sensitivity range of 65.3 to 446 gal/mm, and recording medium of 35-mm film. Because it is fluid damped, it is not commonly used as a portable instrument. The MO-2 was developed by the New Zealand Department of Scientific and Industrial research. The SMA-1 accelerograph also is used in the strong-motion network of Papua New Guinea. The SMA-1 is a compact, self-contained accelerograph that records on 70-mm photographic film.

A strong-motion instrumentation network was started in the Taiwan area in 1972, and the SMA-1 was the only accelerograph used throughout the network. The island-wide strong-motion accelerograph network was later augmented by a specifically designed array of digital instruments in September 1980. Called SMART-1 this array has a total of 37 triaxial, digital accelerographs (DR-110, designed by Sprengnether), all operating on a common time base. The force-balance accelerometers are connected to digital event recorders that use magnetic tape cassettes as a recording medium.

RFT-250

This instrument, developed in 1967 by Teledyne-Geotech, was the successor to the AR-240. Its natural period is 0.048 second, static magnification 35, and sensitivity 51.6 gal/mm. The recording medium is 70-mm photographic film.

S-M, S-MD, STD, USCGS, Weed

The instrument designated S-M in this catalog is the oldest of the strong-motion instruments (dating from 1932). The natural period of the S-M is 0.1 second, and it has a sensitivity range of 49.0 to 3.8 gal/mm. The instruments record in three directions--two horizontal and one vertical. The D-M (displacement meter) has a natural period of 10 seconds and a static magnification of about 1.1. The instruments designated S-MD are modifications of the S-M and have a Carder Displacement Meter. The recording medium for these instruments is photographic paper.

The Weed accelerograph is obsolete. Designed by A.J. Weed of the University of Virginia, it was among the first instruments installed in California in 1932. Its natural period is about 0.2 second and its sensitivity is 6 cm/g (where g is the acceleration of gravity). The Weed records on smoked glass plates.

Appendix 1. Characteristics of Strong-Motion Earthquake Accelerographs (Cont.)

SMAC Series

The SMAC series of instruments was begun in 1953. All SMAC instruments record in three directions—two horizontal and one vertical. The following features are characteristic of the SMAC series of instruments.

Instrument	Natural period s	Sensitivity gal/mm	Recording speed mm/s	Recording medium	Damping
SMAC-A	0.1	25	10	waxed paper	critical
SMAC-B(B2)	0.1(0.14)	12.5(25)	10	waxed paper	critical
SMAC-C(C2)	0.1(0.14)	12.5(25)	10	waxed paper	critical
SMAC-D	0.05	100	5	scratch record film	critical
SMAC-E(E2)	0.05	200(100)	5	scratch record film	60% of critical
DC(DC-3C)	0.1	12.5(25)	10	smoked paper (waxed paper)	critical
SMAC-Q	0.05	200	5	scratch record film	60% of critical
SMAC-M	450 Hz	1(volt/g)	47.5	cassette tape	60% of critical

SSRZ (USSR)

The standard instrument characteristics for the SSRZ triaxial accelerograph with electromagnetic damping are: natural frequency, 20 Hz; trace sensitivity, 15 mm/g; and damping factor, 60% critical. The recording medium is 35-mm photographic film.

Appendix 2. Comparison of Earthquake Intensity Scales

U.S., Modified Mercalli, 1931 (MM)	Japanese, 1950 (JMA)	MSK, 1964	European (Mercalli-Cancani-Sieberg), 1917
I	0	I	I
II	I	II	II
III	II	III	III
IV	II-III	IV-V	IV
V	III	V	V
VI	IV	VI	VI
VII	IV-V	---	VII
VIII	V	VIII	VIII
IX	V-VI	---	IX
X	VI	IX-X	X
XI	VII	XI	XI
XII	---	---	XII

Appendix 3. Description of Magnetic Tape Format for Strong-Motion Data Inventory

Tape Position	Field	Comments
1-6	Earthquake date (UTC)	Positions 1-2, year; 3-4, month; 5-6, day (e.g., 850701 = July 1, 1985).
7-14	Earthquake origin time (UTC)	Positions 7-8, hour; 9-10, minute; 11-12, second; 13, decimal point; 14, tenth of second (e.g., 235959.9).
15-20	Geographic latitude of epicenter in decimal degrees	Given to 2 decimal places, followed by one blank space (e.g., 35.40).
21	North or south latitude	Represented by N or S.
22-28	Geographic lontitude of epicenter in decimal degrees	Given to 2 decimal places, followed by one blank space (e.g., 120.50).
29	East or west longitude	Represented by E or W.
30-59	Name of earthquake	San Fernando, CA, earthquake.
60-65	Earthquake focal depth in kilometers (km)	013.00 = 13 km.
66-67	Maximum intensity reported in region	Modified Mercalli intensity for United States (see Appendix 2 for scales used in other countries).
68-72	Richter magnitude	Expressed to 2 decimal places (e.g., 05.50).
73-79	Station number	Network number assigned by contributor.
80-86	Component	Orientation of instrument as listed on record label.
87-116	Location of station	Hollywood Storage parking lot, for example.
117-118	State code	2-digit identifier that applies only to United States (see Appendix 4).
119-123	Country code	5-digit identifier (see Appendix 4).
124-126	Blank	Reserved for future data.
127-129	Distance from recording station to epicenter in kilometers (km)	150 = 150 km.
130-139	Acceleration of gravity in gal (galileo)	984.00000 = 984 gal.
140-149	Velocity in centimeters per second (cm/s)	100.00000 = 100 cm/s.
150-159	Displacement in centimeters (cm)	100.00000 = 100 cm.
160-166	Instrument	Type of instrument at station.
167-168	Floor	2-character identifier (alphanumeric) for floor where instrument is located (see Appendix 5).
169-174	Geographic latitude of station in decimal degrees	Given to 2 decimal places, followed by one space (e.g., 36.25).
175	North or south latitude	Represented by N or S.
176-182	Geographic longitude of station in decimal degrees	Given to 2 decimal places, followed by one space (e.g., 118.61).
183	East or west longitude	Represented by E or W.
184-187	Tape name (to be used when requesting data)	4-character code (alphanumeric) for archival identification of magnetic tapes.
188	Data processing code	U = uncorrected, C = corrected, R = response spectra.

Appendix 4. List of Country and State Codes Used in Strong-Motion Data Inventory. [Data are not available from every State.]

90033	CHILE	24	MASSACHUSETTS
90045	EL SALVADOR	25	MICHIGAN
90075	ITALY	26	MINNESOTA
90078	JAPAN	27	MISSISSIPPI
90099	MEXICO	28	MISSOURI
90110	NICARAGUA	29	MONTANA
90118	PAPUA NEW GUINEA	30	NEBRASKA
90121	PEOPLE'S REPUBLIC OF CHINA	31	NEVADA
90122	PERU	32	NEW HAMPSHIRE
90128	RUMANIA	33	NEW JERSEY
90153	TAIWAN	34	NEW MEXICO
90167	UNITED STATES	35	NEW YORK
01	ALABAMA	36	NORTH CAROLINA
02	ALASKA	37	NORTH DAKOTA
03	ARIZONA	38	OHIO
04	ARKANSAS	39	OKLAHOMA
05	CALIFORNIA	40	OREGON
06	BLANK	41	PENNSYLVANIA
07	COLORADO	42	PUERTO RICO
08	CONNECTICUT	43	RHODE ISLAND
09	DELAWARE	45	SOUTH CAROLINA
10	DISTRICT OF COLUMBIA	46	SOUTH DAKOTA
11	FLORIDA	47	TENNESSEE
12	GEORGIA	48	TEXAS
14	HAWAII	49	UTAH
15	IDAHO	50	VERMONT
16	ILLINOIS	51	VIRGINIA
17	INDIANA	52	VIRGIN ISLANDS
18	IOWA	54	WASHINGTON
19	KANSAS	55	WEST VIRGINIA
20	KENTUCKY	56	WISCONSIN
21	LOUISIANA	57	WYOMING
22	MAINE	90168	UNION OF SOVIET SOCIALIST REPUBLICS
23	MARYLAND		

Appendix 5. List of Abbreviations Used in Strong-Motion Data Inventory

AA	=	AUXILLARY ABUTMENT
AC	=	AUXILLARY CREST
ARY	=	ARRAY
AUD	=	AUDITORIUM
BA	=	BRIDGE ABUTMENT
BM	=	BASEMENT
BR	=	BERM
CC	=	CENTER CREST
CDMG	=	CALIFORNIA DIV. OF MINING & GEOLOGY
CMD	=	CENTRAL MANUFACTURING DISTRICT
CR	=	CREST
CT	=	CONTROL TOWER
CWR	=	CALIFORNIA DEPT. OF WATER RESOURCES
DA	=	DAM ABUTMENT
DS	=	DOWNSTREAM SLOPE
DT	=	DAM TOE
E	=	EAST
EST	=	ESTATES
FAA	=	FEDERAL AVIATION ADMINISTRATION
FF	=	FREEFIELD
FWYINTRCHG	=	FREEWAY INTERCHANGE
GR	=	GROUND LEVEL
GY	=	GALLERY
HA	=	HORIZONTAL COMPONENT
HB	=	HORIZONTAL COMPONENT
HZ	=	VERTICAL COMPONENT
HWY	=	HIGHWAY
IMPVALCOLL	=	IMPERIAL VALLEY COLL.
IMPVALIRRGDIST	=	IMPERIAL VALLEY IRRIGATION DISTRICT
IT	=	INTAKE TOWER
JPL	=	JET PROPULSION LAB
LA	=	LEFT ABUTMENT
LC	=	LEFT CREST
LIB	=	LIBRARY
L	=	LONGITUDINAL
LT	=	LEFT TOE
LTPWRCO	=	LIGHT & POWER CO.
MR	=	MOON ROOM
MSB	=	MUNICIPAL SERVICES BUILDING
N	=	NORTH
NAVRESEVLAB	=	NAVAL RESEARCH & EVALUATION LAB
NP	=	NUCLEAR POWERPLANT
OH	=	OIL HOUSE
OW	=	OUTLET WORKS
PC	=	PENTHOUSE CENTER
PD	=	PAD
PH	=	PENTHOUSE
PL	=	PARKING LOT
PP	=	PILE CAP
PR	=	PARKING RAMP
PUMPPLT	=	PUMPING PLANT
PW	=	PENTHOUSE WEST WING
PWH	=	POWER HOUSE
RA	=	RIGHT ABUTMENT
RC	=	RIGHT CREST
REC	=	RECREATION
RESVR	=	RESERVOIR
RF	=	ROOF
RT	=	RIGHT TOE
S	=	SOUTH
SB	=	SUBBASEMENT
SH	=	STORE HOUSE
SN	=	SOUTH-NORTH
SOCALEDCO	=	SOUTHERN CALIFORNIA EDISON COMPANY
SOCALEDNUCPWRPLT	=	SOUTHERN CALIF. EDISON NUCLEAR POWERPLANT
SOPAC	=	SOUTHERN PACIFIC
SP	=	SHOP
SR	=	STORAGE ROOM
STP	=	SEWAGE TREATMENT PLANT
STRG	=	STORAGE
SY	=	SWITCHYARD
TERTECH	=	TERRA TECH
TN	=	TUNNEL
TP	=	TOP OF PIER
T	=	TRANSVERSE
TSTFAC	=	TEST FACILITY
UB	=	UTILITIES BUILDING
UD	=	UP-DOWN
US	=	UPSTREAM SLOPE
V	=	VERTICAL
W	=	WEST
WP	=	WATER PLANT
WT	=	WATER TOWER

SOLID EARTH (SE) DATA REPORT SERIES

Listed below are data reports published in the Solid Earth (SE) series of World Data Center A for Solid Earth Geophysics, NOAA/NGDC, Boulder, Colo. 80303, USA. Additional information on the services of the National Geophysical Data Center is available in the following publications: Earthquake Data Services and Publications (KGRD-15); Marine Geology and Geophysics Data Services and Publications (KGRD-14); and Terrestrial Geophysics Data Services and Publications (KGRD-19).

SE-1 Catalog of Tsunamis in Alaska

SE-2 Geodynamics International-9

SE-3 Summary of Earthquake Focal Mechanisms for the Western Pacific-Indonesian Region, 1929-1973

SE-4 Catalog of Tsunamis in Hawaii

SE-5 Geodynamics International-10

SE-6 Catalog of Seismograms and Strong-Motion Records

SE-7 Directory of Seismograph Stations

SE-8 Survey of Practice in Determining Magnitudes of Near Earthquakes, Part 2: Europe, Asia, Africa, Australia, the Pacific

SE-9 Survey of Practice in Determining Magnitudes of Near Earthquakes, Part 1: North, Central, and South America

SE-10 Geodynamics International-11

SE-11 The Information Explosion and Its Consequences for Data Acquisition, Documentation, and Processing: An Additional Aspect of the Limits to Growth

SE-12 Geodyanamics International-12

SE-13 Bibliography of Statistical Aspects of Seismicity

SE-14 Directory of U.S. Data Repositories Supporting the International Geodynamics Project

SE-15 Geodynamics International-13

SE-16 Geodynamics International-14

SE-17 Annual Mean Values of Geomagnetic Components for Selected Observatories, 1940-73

SE-18 Homogeneous Magnitude System of the Eurasian Continent: P-Waves

SE-19 Geodynamics International-15

SE-20 Manual of Seismological Practice

SE-21 Geomagnetic Observatories, 1978

SE-22 Historical Seismogram Filming Project: First Progress Report

SE-23 Geodynamics International-16

SE-24 Historical Seismogram Filming Project: Second Progress Report

SE-25 Directory of World Seismograph Stations, Volume 1. The Americas - Part 1. United States, Canada, Bermuda

SE-26 Geodynamics International-17 - Final Report

SE-27 Catalog of Significant Earthquakes, 2000 B.C. - 1979

SE-28 Historical Seismogram Filming Project: Third Progress Report

SE-29 Strong-Motion Data from Japanese Earthquakes

SE-30 Progress Report on Selected Geophysical Activities of the United States, 1977-1981

SE-31 New Catalog of Strong Earthquakes in the U.S.S.R. from Ancient Times Through 1977

SE-32 Directory of World Digital Seismic Stations

(continued)

SOLID EARTH (SE) DATA REPORT SERIES (Continued)

SE-33 Historical Seismogram Filming Project: Fourth Progress Report

SE-34 Homogeneous Magnitude System of the Eurasian Continent: S and L Waves

SE-35 Documentation of Earthquake Algorithms

SE-36 Catalog of Submarine Volcanoes and Hydrological Phenomena Associated with Volcanic Events 1500 B.C. to December 31, 1899

SE-37 Inventory of Filmed Historical Seismograms and Station Bulletins at World Data Center A

SE-38 Catalog of Strong-Motion Accelerograph Records

*U.S. GOVERNMENT PRINTING OFFICE: 1985-576-042:20002