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Centro Regional de Sismología para América del Sur

CATALOGO DE TERREMOTOS PARA AMERICA DEL SUR

DATOS DE HYPOCENTROS E INTENSIDADES

CATALOG OF EARTHQUAKES FOR SOUTH AMERICA

HYPOCENTER AND INTENSITY DATA

ECUADOR

PROGRAMA PARA LA MITIGACION DE LOS EFECTOS DE LOS TERREMOTOS EN LA REGION ANDINA (PROYECTO SISRA)

EARTHQUAKE MITIGATION PROGRAM IN THE ANDEAN REGION (PROJECT SISRA)

VOLUMEN 6

1985

Centro Regional de Sismología para América del Sur

PN ABG 300

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EARTHQUAKE MITIGATION PROGRAM IN THE ANDEAN REGION (PROJECT SISRA)

Esta serie de publicaciones del Proyecto SISRA comprende catorce (14) volúmenes que incluyen los siguientes dieciocho (18) tomos:

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- VOL. 1 DESCRIPCION DEL CATALOGO E INFORMES NACIONALES
- VOL. 2 ARGENTINA. DATOS DE HIPOCENTROS E INTENSIDADES
- VOL. 3 BOLIVIA Y BRASIL. DATOS DE HIPOCENTROS E INTENSIDADES
- VOL. 4 COLOMBIA. DATOS DE HIPOCENTROS E INTENSIDADES
- VOL. 5 CHILE. DATOS DE HIPOCENTROS E INTENSIDADES
- VOL. 6 ECUADOR. DATOS DE HIPOCENTROS E INTENSIDADES
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VOLUMEN 10 – TERREMOTOS DESTRUCTIVOS EN AMERICA DEL SUR 1530–1894

VOLUMEN 11 – MAPA NEOTECTONICO PRELIMINAR DE AMERICA DEL SUR

VOLUMEN 12 – MAPA DE MAXIMAS INTENSIDADES SISMICAS EN AMERICA DEL SUR

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- (13A) METODOLOGIA Y RESULTADOS
- (13B) ESTUDIOS DE CASOS
- (13C) ESTUDIOS ECONOMICOS

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DATOS DE HYPOCENTROS E INTENSIDADES

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HYPOCENTER AND INTENSITY DATA

Volumen 6

ECUADOR

Editado por:	Bonny L. Askew y S.T. Algermissen
Coordinador Nacional:	Edgar Proaño N.
Información Básica Recopilada por:	V. Cáceres W. Costa J. Egred.
Comité Consultivo:	
Alberto Giesecke M.:	Director, Centro Regional de Sismología para América del Sur (CERESIS)
S.T. Algermissen:	Project Coordinator, United States Department of the Interior, Geological Survey
Paul F. Krumpe:	Technical Adviser, United States Department of State, Agency for International Development, Office of the U.S. Foreign Disaster Assistance
Leonidas Ocola A.:	Coordinador Regional (hasta Agosto, 1983).

Una explicación de las bases para el Catálogo, los símbolos empleados y una bibliografía de las fuentes de información se encuentra en el Vol. I

An explanation of the basis for the Catalog, the symbols used and a bibliography of source data may be found in Vol. I

DATOS DE HYPOCENTROS

ECUADOR

CATALOG OF EARTHQUAKE HYPOCENTER DATA

1541 – 1981

Ident		F-E Reg	Date			Time				Location			Depth		Num Sto	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isoseismal Map	Dist Geos	Tsun Obs	Nonc Caus
EC	50000	107	1541	04	00	00:00:00.00			Y	-0.140	-78.270	Y				OAE						7.0	K	OAE					•	9	K	OAE				X	X	X	X	C
EC	50010	107	1557	02	00	00:00:00.00			Y	-1.500	-78.500	W				OAE						5.7	K	OAE					•	7	K	OAE				X	X	X	X	X
EC	50020	107	1577	00	00	00:00:00.00			Y	-0.220	-78.500	T				OAE						5.0	K	OAE					•	6	K	OAE				X	X	X	X	X
EC	50030	107	1587	09	04	01:00:00.00			V	-0.220	-78.500	V				OAE						7.7	K	OAE					•	10	K	OAE				X	B	X	G	V
EC	50035	107	1590	04	00	00:00:00.00			V	-0.220	-78.500	V				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	X
EC	50040	107	1628	05	15	00:00:00.00			Y	-0.220	-78.500	V				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	X
EC	50050	107	1645	03	15	00:00:00.00			V	-1.680	-78.780	V				OAE						7.0	K	OAE					•	9	K	OAE				X	X	X	X	X
EC	50060	107	1651	12	04	00:00:00.00			W	-0.220	-78.500	V				OAE						5.0	K	OAE					•	6	K	OAE				X	X	X	X	X
EC	50070	107	1653	07	09	00:30:00.00			V	-2.190	-79.890	W				OAE						5.7	K	OAE					•	7	K	OAE				X	S	X	X	X
EC	50080	107	1656	01	00	00:00:00.00			Y	-0.220	-78.500	W				OAE						5.0	K	OAE					•	6	K	OAE				X	X	X	X	X
EC	50090	107	1660	10	27	15:00:00.00			W	-0.190	-78.590	W				OAE						5.7	K	OAE					•	7	K	OAE				X	S	X	X	V
EC	50100	107	1661	01	00	00:00:00.00			W	-0.220	-78.500	W				OAE						5.0	K	OAE					•	6	K	OAE				X	S	X	X	V
EC	50110	107	1661	12	00	00:00:00.00			W	-0.220	-78.500	W				OAE						5.0	K	OAE					•	6	K	OAE				X	S	X	X	V
EC	50120	107	1662	01	01	00:00:00.00			V	-0.220	-78.600	W				OAE						5.7	K	OAE					•	7	K	OAE				X	X	X	X	X
EC	50130	107	1662	02	00	00:00:00.00			Y	-0.220	-78.500	W				OAE						5.7	K	OAE					•	7	K	OAE				X	X	X	X	X
EC	50135	107	1662	11	23	00:00:00.00			V	-0.220	-78.500	V				OAE						5.7	K	OAE					•	7	K	OAE				X	X	X	X	X
EC	50140	107	1674	08	29	00:00:00.00			V	-1.700	-79.030	W				OAE						7.7	K	OAE					•	10	K	OAE				X	S	X	X	C
EC	50150	107	1678	01	05	06:00:00.00			U	-0.220	-78.500	V				OAE						5.0	K	OAE					•	6	K	OAE				X	X	X	X	X
EC	50160	107	1687	11	22	00:00: 3.00			Y	-1.300	-78.600	V				OAE						5.7	K	OAE					•	7	K	OAE				X	X	X	X	X
EC	50170	107	1698	06	20	06:00: 0.00			U	-1.180	-78.700	V				OAE						7.7	K	OAE					•	10	K	OAE	OAE			X	B	X	X	V
EC	50171	107	1698	06	22	11:00:00.00			U	-1.180	-78.700	V				OAE						5.0	K	OAE						6	K	OAE				X	X	X	X	X
EC	50180	107	1703	03	00	00:00:00.00			W	-0.900	-78.600	V				OAE						5.7	K	OAE					•	7	K	OAE				X	X	X	X	X
EC	50190	107	1725	02	00	00:00:00.00			W	-0.800	-78.900	V				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	V
EC	50200	107	1728	10	00	00:00:00.00			W	-0.500	-78.200	V				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	V
EC	50210	107	1736	12	06	05:00:00.00			U	-0.760	-78.680	V				OAE						5.7	K	OAE					•	8	K	OAE				X	X	X	X	C
EC	50220	107	1739	04	10	00:00:00.00			W	-1.900	-78.300	V				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	V
EC	50230	107	1740	08	27	10:00:00.00			U	-0.220	-78.500	W				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	X
EC	50240	107	1740	09	12	10:00:00.00			U	-0.220	-78.500	W				OAE						3.7	K	OAE					•	4	K	OAE				X	X	X	X	X
EC	50250	107	1740	09	14	09:00:00.00			U	-0.220	-78.500	W				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	X
EC	50260	107	1740	09	16	07:00:00.00			U	-0.220	-78.500	W				OAE						3.7	K	OAE						4	K	OAE				X	X	X	X	X
EC	50270	107	1740	12	00	00:00:00.00			W	-0.860	-78.900	W				OAE						3.7	K	OAE					•	4	K	OAE				X	X	X	X	V
EC	50280	107	1741	06	14	18:45:00.00			U	-0.220	-78.500	U				OAE						5.0	K	OAE					•	6	K	OAE				X	X	X	X	X
EC	50290	107	1741	07	13	00:00:00.00			W	-3.010	-79.040	V				OAE						3.7	K	OAE					•	4	K	OAE				X	X	X	X	X
EC	50300	107	1741	07	16	09:30:00.00			U	-3.010	-79.040	V				OAE						3.7	K	OAE					•	4	K	OAE				X	X	X	X	X
EC	50310	107	1741	08	25	00:00:00.00			V	-3.010	-79.040	V				OAE						4.3	K	OAE					•	5	K	OAE				X	X	X	X	X

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tsun Obs	Non Cas
EC	50320	107	1742	06	15	00:00:00.00	V			-0.700	-78.400	U				OAE						3.7	K	OAE													
EC	50330	107	1742	12	09	18:00:00.00	U			-0.700	-78.400	U				OAE						4.3	K	OAE						•	4	K	OAE			XXXXVX
EC	50340	107	1743	04	00	00:00:00.00	W			-0.700	-78.400	U				OAE						3.7	K	OAE						•	5	K	OAE			XXXXVX
EC	50350	107	1744	11	30	00:00:00.00	V			-0.700	-78.400	U				OAE						3.7	K	OAE						•	4	K	OAE			XXXXVX
EC	50360	107	1745	00	00	00:00:00.00	Y			-1.400	-78.390	V				OAE						5.7	K	OAE						•	4	K	OAE			XXXXVX
EC	50370	107	1749	01	20	00:00:00.00	V			-4.000	-79.200	V				OAE						6.3	K	OAE						•	7	K	OAE			XXXXXX
EC	50380	107	1755	04	26	00:00:00.00	V			-0.220	-78.500	V				OAE						7.0	K	OAE						•	8	K	OAE			XXXXXX
EC	50390	107	1757	02	22	00:00:00.00	V			-0.930	-78.610	V				OAE						7.0	K	OAE						•	9	K	OAE			XXXXXC
EC	50400	107	1764	07	15	05:30:00.00	U			-0.220	-78.500	W				OAE						5.0	K	OAE						•	9	K	OAE			XXXXXC
EC	50410	107	1766	01	22	21:00:00.00	V			0.440	-77.970	V				OAE						4.3	K	OAE						•	6	K	OAE			XXXXXX
EC	50420	107	1768	04	03	02:30:00.00	U			-0.700	-78.400	U				OAE						4.3	K	OAE						•	5	K	OAE			XXXXVX
EC	50430	107	1768	04	04	09:30:00.00	U			-0.760	-78.680	U				OAE						4.3	K	OAE						•	5	K	OAE			XXXSVX
EC	50440	107	1775	06	24	00:00:00.00	V			-0.220	-78.500	W				OAE						3.7	K	OAE						•	4	K	OAE			XXXSVX
EC	50450	107	1776	01	03	00:00:00.00	V			-1.470	-78.440	U				OAE						5.0	K	OAE						•	6	K	OAE			XXXXXX
EC	50460	107	1786	04	18	10:00:00.00	V			-1.670	-78.700	T				OAE						4.3	K	OAE						•	5	K	OAE			XXXXVX
EC	50470	107	1786	05	10	15:00:00.00	U			-1.670	-78.700	T				OAE						3.7	K	OAE						•	4	K	OAE			XXXXXX
EC	50480	107	1786	06	13	00:00:00.00	U			-1.670	-78.700	T				OAE						6.3	K	OAE						•	8	K	OAE			XXXSVX
EC	50490	107	1786	06	23	02:30:00.00	U			-1.670	-78.700	T				OAE						4.3	K	OAE						•	5	K	OAE			XXXSVX
EC	50500	107	1786	06	23	07:15:00.00	U			-1.670	-78.700	T				OAE						4.3	K	OAE						•	5	K	OAE			XXXSVX
EC	50510	107	1787	06	11	14:45:00.00	U			-2.190	-79.890	Y				OAE						4.3	K	OAE						•	5	K	OAE			XXXSVX
EC	50520	107	1797	02	04	12:30:00.00	U			-1.670	-78.640	V				OAE						4.3	K	OAE						•	5	K	OAE			XXXSXX
EC	50530	107	1797	03	18	20:25:00.00	U			0.400	-77.800	W				OAE						8.3	K	OAE						•	11	K	OAE	OAE		XBXCVC
EC	50550	107	1802	00	00	00:00:00.00	Y			-0.930	-78.610	V				OAE						4.3	K	OAE						•	5	K	OAE			XXXXXX
EC	50560	107	1803	00	00	00:00:00.00	Y			-1.670	-78.640	V				OAE						5.0	K	OAE						•	6	K	OAE			XXXXXX
EC	50570	106	1840	04	00	00:00:00.00	W			0.100	-75.800	Y				OAE						5.0	K	OAE						•	6	K	OAE			XXXXXX
EC	50580	107	1840	10	09	00:00:00.00	V			-1.310	-78.500	V				OAE						3.7	K	OAE						•	4	K	OAE			XXXXXX
EC	50590	107	1855	00	00	00:00:00.00	Y			-0.680	-78.420	U				OAE						5.0	K	OAE						•	6	K	OAE			XXXXXX
EC	50600	107	1856	02	10	00:00:00.00	V			-2.900	-79.000	W				OAE						3.7	K	OAE						•	4	K	OAE			XXXXXX
EC	50610	107	1859	01	22	18:05:00.00	U			0.700	-79.900	Y				OAE						5.7	K	OAE						•	7	K	OAE			XXXXXX
EC	50620	107	1859	03	22	13:30:00.00	U			-0.220	-78.500	V				OAE						3.7	K	OAE						•	4	K	OAE			XXXXXX
EC	50621	107	1868	05	17	18:00:00.00	U			-1.160	-78.540	V				OAE						6.3	K	OAE						•	8	K	OAE			XXXXXC
EC	50640	107	1868	08	16	06:30:00.00	U			0.310	-78.180	U				OAE						5.7	K	OAE						•	7	K	OAE			XSXXXC
EC	50650	107	1891	10	23	16:56:00.00	U			-0.220	-78.500	V				OAE						7.7	K	OAE						•	10	K	OAE	OAE		XSXXXC
EC	50660	107	1895	10	02	16:35:00.00	U			-0.220	-78.500	V				OAE						4.3	K	OAE						•	5	K	OAE			XXXXXX
EC	50670	107	1896	05	03	13:45:00.00	U			-1.000	-80.400	W				OAE						4.3	K	OAE						•	5	K	OAE			XXXSXX
																						3.7	K	OAE						•	4	K	OAE			XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Source	Scale	Source	Iso Map	Dist	Tsun Obs	Nonc Gas
EC	50680	107	1897	01	09	19:45:00.00			U	-0.220	-78.500	V				OAE						3.7K	OAE														
EC	00010	104	1901	01	07	00:29:00.00			H	-2.000	-82.000	F	25.0	F		CFR	6.7	SIS	7.8H	PAS									•	4K	OAE				X	S	X	X	X
EC	00011	107	1903	01	25	15:22:00.00			U	-0.220	-78.500	V				OAE						3.7K	OAE							4K	OAE					X	X	X	X	X
EC	00012	107	1903	02	27	00:55:00.00			U	-0.220	-78.500	V				OAE						3.7K	OAE							4K	OAE					X	X	X	X	X
EC	00013	107	1903	06	03	10:00:00.00			U	-2.200	-78.830	W				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00014	107	1903	06	09	05:42:00.00			U	-0.220	-78.500	W				OAE						4.3K	OAE							5K	OAE					X	X	X	S	X
EC	00015	107	1904	02	25	17:50:00.00			U	-0.220	-78.500	V				OAE						3.7K	OAE							4K	OAE					X	X	X	X	X
EC	00016	107	1904	05	04	16:00:00.00			U	-4.000	-79.200	W				OAE						5.7K	OAE						•	7K	OAE					X	X	X	X	X
EC	00017	107	1904	11	01	11:00:00.00			U	-1.000	-80.500	V				OAE						3.7K	OAE							4K	OAE					X	X	X	X	X
EC	00018	107	1905	05	22	19:10:00.00			U	-0.220	-78.500	V				OAE						3.7K	OAE							4K	OAE					X	X	X	X	X
EC	00019	107	1906	01	31	08:00:00.00			U	1.000	-80.000	V				OAE						5.7K	OAE						•	7K	OAE					X	X	X	X	X
EC	00020	104	1906	01	31	15:36:00.00			B	1.000	-81.500	B	25.0	C		G-R	7.4	SIS	8.6H	PAS		8.8W	KAN						•	9M						X	X	T	X	C
EC	00024	107	1906	02	19	08:00:00.00			U	0.400	-78.100	W				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00025	107	1906	08	16	10:18:40.00			U	-0.220	-78.500	V				OAE						3.7K	OAE							4K	OAE					X	X	X	X	X
EC	00026	107	1906	09	10	06:45:00.00			U	-0.900	-78.600	V				OAE						5.0K	OAE						•	6K	OAE					X	X	X	X	X
EC	00027	105	1906	09	28	15:24:54.00			B	-2.000	-79.000	C	150.0	C		G-R			7.5H	PAS																X	X	X	X	X
EC	00028	107	1907	06	01	08:29:00.00			U	-0.220	-78.500	V				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00029	107	1907	11	17	10:15:00.00			U	-4.000	-79.200	W				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00030	107	1908	07	21	08:15:00.00			U	-2.130	-79.890	W				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00031	107	1909	06	12	23:00:00.00			U	-3.100	-80.500	W				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00032	107	1913	02	24	02:30:00.00			U	-4.230	-79.440	V				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00033	107	1913	02	27	20:40:00.00			U	-2.740	-78.830	V				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00034	107	1913	02	28	06:00:00.00			U	-3.150	-79.150	V				OAE						5.7K	OAE						•	7K	OAE					X	X	X	X	X
EC	00035	107	1914	02	27	08:10:00.00			U	-1.420	-78.670	V				OAE						4.3K	OAE							5K	OAE					X	X	X	S	X
EC	00036	107	1914	05	31	13:29:00.00			U	-0.530	-78.410	W				OAE						5.0K	OAE						•	7K	OAE					X	S	X	X	X
EC	00037	107	1914	12	13	08:30:00.00			U	-0.870	-78.730	V				OAE						4.3K	OAE							5K	OAE					X	X	X	X	X
EC	00038	107	1915	08	22	09:18:00.00			U	0.100	-78.700	V				OAE						5.0K	OAE						•	6K	OAE					X	X	X	X	X
EC	00039	107	1918	09	07	23:08:39.00			U	-1.400	-78.390	V				OAE						5.7K	OAE						•	7K	OAE					X	X	X	X	X
EC	00040	104	1918	12	11	17:46:42.00			G	0.500	-82.000	F				ISS																				X	X	X	X	X
EC	00050	107	1919	07	24	04:43:55.00			G	-1.500	-76.000	F				ISS																				X	X	X	X	X
EC	00060	105	1920	07	26	06:30:00.00			U	-2.190	-79.900	W				OAE						5.0K	OAE						•	6K	OAE					X	X	X	X	X
EC	00075	107	1922	05	00	00:00:00.00			Y	-0.220	-78.500	W				OAE						5.7K	OAE						•	7K	OAE					X	X	X	X	X
EC	00080	107	1923	02	05	12:22:00.00			U	-0.500	-78.560	U				OAE	-					6.3K	OAE						•	8K	OAE					X	S	X	S	C
EC	00140	107	1924	01	25	13:49:00.00			U	-1.000	-79.700	Y				OAE						5.0K	OAE						•	6K	OAE					X	X	X	X	X
EC	00150	107	1924	01	26	02:00:10.00			G	-1.500	-76.000	F				ISS																				X	X	X	X	X

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Iso Map	Source	Data	Max Int	Scale	Source	Geo	Tsun	Obs	Ass
EC	00155	107	1924	03	03	06	00	00.00	U	-1.600	-78.630	W				OAE						5.7K	OAE							•	7K	OAE		X	S	X	X	C
EC	00190	105	1924	07	22	04	04	18.00	B	-2.000	-80.000	B	250.0	A		G-R			6.5	H	PAS																X
EC	00200	106	1925	06	23	16	46	58.00	B	0.000	-77.000	C	180.0	B		G-R			6.8	H	PAS																X
EC	00220	105	1926	03	27	06	23	18.00	G	0.300	-80.400	F				ISS																						X
EC	00235	107	1926	11	03	00	00	00.00	V	-0.680	-78.420	W				OAE						5.0K	OAE							•	6K	OAE		X	X	X	X	X
EC	00240	107	1926	12	19	01	05	00.00	H	-1.100	-77.500	F				OAE																						X
EC	00260	107	1927	06	10	17	08	12.00	G	-1.000	-79.000	F				ISS																						X
EC	00270	104	1927	08	05	03	43	03.00	X	0.000	-85.000	I				ISS																						X
EC	00280	107	1927	10	19	14	41	45.00	G	-1.500	-76.000	F				ISS																						X
EC	00350	107	1928	07	03	07	46	50.00	G	-1.500	-76.000	F				ISS																						X
EC	00355	107	1928	07	18	18	45	00.00	U	-1.000	-78.000	Y				OAE						5.7K	OAE							•	7K	OAE		X	S	X	X	X
EC	00390	107	1929	07	25	08	45	00.00	U	-0.410	-78.530	V				OAE						6.3K	OAE							•	8K	OAE		X	X	X	X	C
EC	00400	110	1930	11	24	06	06	48.00	B	-2.000	-77.000	C	100.0	C		G-R	5.9	SIS	6.3	H	PAS																X
EC	00405	696	1931	07	27	16	28	54.00	X	1.500	-90.500	I				G-R			5.6	H	PAS																X
EC	00410	107	1931	08	21	12	35	00.00	U	-0.900	-77.800	F				OAE						5.0K	OAE							•	5K	OAE		X	S	X	X	X
EC	00420	106	1932	06	30	03	28	43.00	H	0.500	-78.000	F				OAE																						X
EC	00425	697	1932	10	03	04	37	40.00	X	-1.000	-91.000	I				G-R			5.6	H	PAS																X
EC	00450	106	1933	05	18	04	28	35.00	B	0.500	-78.500	B	60.0	B		G-R	5.5	SIS	5.6	H	PAS																X
EC	00460	105	1933	10	02	15	29	21.00	B	-2.000	-81.000	B				G-R	6.2	SIS	6.9	H	PAS									•	7K	OAE		X	X	X	X
EC	00470	105	1933	10	02	19	24	33.00	G	-2.100	-81.200	F				ISS																						X
EC	00490	105	1933	10	02	21	55	27.00	G	-2.100	-81.200	F				ISS																						X
EC	00500	105	1933	10	02	23	33	44.00	G	-2.100	-81.200	F				ISS																						X
EC	00510	105	1933	10	03	10	21	20.00	B	-1.750	-80.750	A				G-R	5.9	SIS	6.3	H	PAS																X
EC	00520	105	1933	10	03	14	21	49.00	B	-1.750	-80.750	B				G-R	5.7	SIS	6.0	H	PAS																X
EC	00530	105	1933	10	05	15	06	26.00	G	-2.100	-81.200	F				ISS																						X
EC	00540	104	1933	11	05	07	11	56.00	G	0.000	-83.000	F				ISS																						X
EC	00550	104	1933	11	05	08	35	54.00	G	0.000	-83.000	F				ISS																						X
EC	00560	105	1933	11	05	12	11	56.00	B	-2.000	-80.000	F				OAE																						X
EC	00590	107	1934	05	24	11	46	32.00	G	-0.500	-78.100	F				ISS																						X
EC	00595	107	1934	08	15	19	10	00.00	U	-2.290	-78.980	V				OAE						5.0K	OAE							•	6K	OAE		X	X	X	X	X
EC	00610	107	1934	12	13	10	12	00.00	U	0.130	-78.420	V				OAE						5.0K	OAE							•	6K	OAE		X	X	X	X	X
EC	00620	110	1935	03	08	11	59	14.00	B	-4.000	-80.000	C	100.0	C		G-R	5.7	SIS	6.0	H	PAS																X
EC	00640	105	1935	11	02	21	05	46.00	B	-2.000	-79.000	C	130.0	C		G-R	5.7	SIS	6.0	H	PAS																X
EC	00650	104	1935	11	23	07	52	30.00	X	0.500	-85.500	I	60.0	I		G-R			6.3	H	PAS	6.3	S	JMA													X
EC	00690	107	1936	08	26	07	22	00.00	V	-0.050	-78.450	V				OAE						4.3K	OAE								5K	OAE		X	X	X	X	X

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tsun Obs	Non Cas
EC	00710	107	1937	07	19	19:35:24.00			A	-1.500	-76.500	A	190.0	A		G-R	6.4	SIS	7.1	H	PAS													XXXXXX		
EC	00740	105	1937	09	04	03:39:36.00			G	-0.500	-80.000	F				CGS	6.4	SIS																XXXXXX		
EC	00750	104	1937	09	08	16:10:30.00			G	0.000	-81.000	F				CGS																		XXXXXX		
EC	00770	104	1937	09	15	00:50:18.00			G	-1.000	-82.000	F				CGS																		XXXXXX		
EC	00800	696	1938	02	04	10:27:18.70			X	1.830	-90.900	I				JMA			6.5	H	JMA													XXXXVX		
EC	00810	104	1938	02	08	05:38:15.00			G	-1.500	-81.000	F				ISS																		XXXXXX		
EC	00820	107	1938	02	08	06:00:00.00			V	-1.700	-79.030	V				OAE						4.3	K	OAE						5	K	OAE		XXXXXX		
EC	00830	104	1938	02	08	07:16:09.00			G	-1.500	-81.000	F				ISS																		XXXXXX		
EC	00840	104	1938	02	08	10:56:54.00			G	-2.000	-83.000	F				CGS																		XXXXXX		
EC	00850	104	1938	02	08	14:21:25.00			G	-1.500	-81.000	F				ISS																		XXXXXX		
EC	00860	104	1938	02	08	16:00:48.00			G	-1.000	-81.000	F				CGS																		XXXXXX		
EC	00870	107	1938	02	09	12:26:42.00			G	-1.100	-79.600	F				CGS																		XXXXXX		
EC	00880	105	1938	02	14	15:22:06.00			G	-2.500	-81.900	F				CGS																		XXXXXX		
EC	00890	104	1938	05	28	11:03:04.00			X	1.500	-84.500	I				ISC																		XXXXXX		
EC	00900	107	1938	08	10	02:02:06.00			U	-0.310	-78.420	U				OAE						7.0	K	OAE					•	9	K	OAE	OAE	XLXCXC		
EC	00920	696	1940	08	26	05:00:43.00			X	1.250	-90.000	I				G-R			5.6	H	PAS													XXXXXX		
EC	00950	696	1940	12	29	18:05:36.00			X	1.500	-91.000	I				G-R			5.6	H	PAS													XXXXXX		
EC	00970	105	1941	12	31	17:36:06.00			G	-2.500	-81.000	F				ISS																		XXXXXC		
EC	00990	104	1942	03	01	17:34:54.00			X	0.300	-81.500	I				CGS																		XXXXXX		
EC	01000	104	1942	05	14	02:13:18.00			X	-0.750	-81.500	I	25.0	C		G-R	7.0	SIS	7.3	H	PAS								•	9	K	OAE	OAE	XXXXXX		
EC	01020	105	1942	05	14	03:38:49.00			X	0.000	-80.000	I				ISS																		XXXXXX		
EC	01030	105	1942	05	14	15:46:42.00			X	0.000	-80.000	I				ISS																		XXXXXX		
EC	01040	105	1942	05	15	10:50:36.00			X	0.000	-80.000	I				ISS																		XXXXXX		
EC	01050	105	1942	05	15	11:51:19.00			X	0.000	-80.000	I				ISS																		XXXXXX		
EC	01060	105	1942	05	15	18:12:01.00			X	0.000	-80.000	I				ISS	6.4	SIS																XXXXXX		
EC	01070	105	1942	05	16	05:28:41.00			X	0.400	-80.400	I				ISS																		XXXXXX		
EC	01080	105	1942	05	16	18:58:02.00			X	0.400	-80.400	I				ISS																		XXXXXX		
EC	01090	105	1942	05	16	19:31:23.00			X	0.400	-80.400	I				ISS																		XXXXXX		
EC	01100	105	1942	05	17	15:14:18.00			X	0.400	-80.400	I				ISS	6.2	SIS																XXXXXX		
EC	01110	104	1942	06	06	10:39:30.00			X	1.000	-80.000	I				CGS																		XXXXXX		
EC	01120	105	1942	06	07	10:48:08.00			X	0.400	-80.400	I				ISS	6.1	SIS																XXXXXX		
EC	01130	110	1942	06	12	10:21:33.00			X	-2.100	-76.800	I				ISS																		XXXXXX		
EC	01140	105	1942	06	16	07:42:54.00			X	0.800	-80.500	I				ISS																		XXXXXX		
EC	01150	105	1942	06	16	21:05:15.00			X	0.800	-80.500	I				ISS	6.1	SIS																XXXXXX		
EC	01160	105	1942	07	01	21:33:39.00			X	0.400	-80.400	I				ISS	6.1	SIS																XXXXXX		

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dist Geos	Tsun Obs	Non Caus
EC	01170	105	1942	07	02	07:52:01.00X				0.400	-80.400	I																								
EC	01180	105	1942	07	02	08:19:18.00X				0.500	-80.500	I				ISS																				XXXXXX
EC	01190	105	1942	07	02	13:54:54.00X				0.500	-80.500	I				CGS																				XXXXXX
EC	01200	105	1942	07	03	20:59:30.00X				0.500	-80.500	I				CGS																				XXXXXX
EC	01210	105	1942	07	03	23:46:23.00X				0.400	-80.400	I				CGS	6.1	SIS																		XXXXXX
																ISS	6.2	SIS																		XXXXXX
EC	01220	105	1942	07	04	00:15:14.00X				0.800	-80.500	I																								
EC	01230	105	1942	07	04	00:40:36.00X				0.500	-80.500	I				ISS																				XXXXXX
EC	01240	105	1942	07	04	01:53:07.00X				0.800	-80.500	I				CGS																				XXXXXX
EC	01250	105	1942	07	04	04:59:32.00X				0.800	-80.500	I				ISS	6.2	SIS																		XXXXXX
EC	01260	105	1942	07	04	05:00:00.00X				0.500	-80.500	I				ISS	6.1	SIS																		XXXXXX
																OAE																				XXXXXX
EC	01270	105	1942	07	04	06:08:36.00X				0.800	-80.500	I																								
EC	01280	105	1942	07	04	07:31:15.00X				0.800	-80.500	I				ISS																				XXXXXX
EC	01290	105	1942	07	05	10:29:51.00X				0.800	-80.500	I				ISS																				XXXXXX
EC	01300	105	1942	07	05	10:31:51.00X				0.800	-80.500	I				ISS																				XXXXXX
EC	01310	105	1942	07	05	14:11:12.00X				0.800	-80.500	I				ISS																				XXXXXX
																ISS																				XXXXXX
EC	01320	105	1942	07	06	16:21:12.00X				0.500	-80.500	I																								
EC	01330	105	1942	07	07	12:37:46.00X				0.800	-80.500	I				CGS	6.2	SIS																		XXXXXX
EC	01340	105	1942	07	07	13:40:06.00X				0.500	-80.500	I				ISS																				XXXXXX
EC	01350	105	1942	07	08	22:30:56.00X				0.800	-80.500	I				CGS																				XXXXXX
EC	01360	105	1942	07	10	04:49:57.00X				0.800	-80.500	I				ISS																				XXXXXX
																ISS	6.1	SIS																		XXXXXX
EC	01370	105	1942	07	12	05:05:17.00X				0.000	-80.000	I																								
EC	01390	105	1942	07	29	21:18:35.00X				0.800	-80.500	I				ISS																				XXXXXX
EC	01400	107	1942	08	31	06:39:24.00X				-0.700	-77.000	I				ISS																				XXXXXX
EC	01420	105	1942	11	09	21:55:34.00X				0.400	-80.400	I				CGS																				XXXXXX
EC	01430	105	1942	11	12	15:26:19.00X				0.400	-80.400	I				ISS																				XXXXXX
																ISS																				XXXXXX
EC	01440	105	1942	11	12	16:01:28.00X				0.400	-80.400	I																								
EC	01450	105	1942	11	12	17:59:58.00X				0.400	-80.400	I				ISS																				XXXXXX
EC	01460	104	1942	11	12	18:00:00.00X				0.000	-81.000	I				ISS																				XXXXXX
EC	01470	105	1942	11	12	22:30:11.00X				0.400	-80.400	I				CGS																				XXXXXX
EC	01480	105	1942	11	13	00:45:56.00X				0.400	-80.400	I				ISS																				XXXXXX
																ISS																				XXXXXX
EC	01490	105	1942	11	14	06:19:06.00X				0.400	-80.400	I																								
EC	01500	105	1942	11	14	17:58:54.00X				0.400	-80.400	I				ISS																				XXXXXX
EC	01510	105	1942	11	14	20:56:58.00X				0.400	-80.400	I				ISS																				XXXXXX
EC	01520	105	1942	11	15	00:46:05.00X				0.400	-80.400	I				ISS	6.1	SIS																		XXXXXX
EC	01530	104	1942	11	19	08:51:55.00X				-0.600	-81.700	I				ISS	6.3	SIS																		XXXXXX
																ISS																				XXXXXC

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tson Obs	Nson Cas
EC	01540	104	1942	11	13	09:08:49.00X				-0.600	-81.700	I				ISS																				XXXXXX
EC	01550	104	1942	11	19	14:39:56.00X				-0.600	-81.700	I				ISS	6.1	SIS																		XXXXXX
EC	01560	104	1942	11	19	16:32:48.00X				-0.600	-81.700	I				ISS																				XXXXXX
EC	01570	104	1942	11	25	08:10:07.00X				-0.600	-81.700	I				ISS																				XXXXXX
EC	01580	104	1942	12	15	09:09:05.00X				-0.600	-81.700	I				ISS	6.1	SIS																		XXXXXX
EC	01590	105	1942	12	16	02:44:46.00X				0.400	-80.400	I				ISS	6.1	SIS																		XXXXXX
EC	01600	105	1943	01	30	05:33:03.00H				-2.000	-80.500	G	100.0E			G-R	6.2	SIS	6.9H	PAS										6K	OAE					XXXXXX
EC	01610	105	1943	02	08	20:10:36.00X				-2.500	-80.000	I			13	CGS																				XXXXXX
EC	01620	104	1943	03	16	09:47:24.00X				0.900	-81.500	I				CGS																				XXXXXX
EC	01630	104	1943	03	16	09:51:54.00X				0.600	-81.500	I				CGS																				XXXXXX
EC	01640	104	1943	03	37	21:48:18.40X				0.660	-86.310	I				JMA																				XXXXXX
EC	01650	104	1943	04	28	17:23:42.00X				-1.000	-82.000	I				CGS																				XXXXXX
EC	01660	105	1943	05	17	07:47:12.00X				0.500	-79.000	I				CGS																				XXXXXX
EC	01670	104	1943	07	22	02:09:18.00X				-0.500	-81.500	I				CGS	6.2	SIS																		XXXXXX
EC	01680	110	1943	12	22	07:01:50.00B				-2.500	-77.000	I	130.0A			G-R	5.9	SIS	6.3H	PAS																XXXXXX
EC	01690	10	1944	03	31	20:35:14.00X				-0.500	-80.000	I				OAE																				XXXXXX
EC	01700	696	1944	06	11	19:18:56.00X				1.000	-86.000	I				G-R			5.6H	PAS		6.8S	JMA													XXXXXX
EC	01710	107	1944	09	15	19:20:06.00X				-0.500	-79.000	I				CGS						5.7K	OAE						•	7K	OAE		OAE			XBXGXX
EC	01720	105	1944	10	23	23:40:01.00X				0.500	-80.500	I				G-R	6.2	SIS	6.9H	PAS										6K	OAE					XXXXXX
EC	01730	105	1944	10	24	00:27:42.00X				0.500	-80.000	I				CGS																				XXXXXX
EC	01740	104	1945	02	02	21:37:48.00X				-0.500	-81.000	I				CGS																				XXXXXX
EC	01750	104	1945	02	02	23:27:50.00X				-0.500	-81.000	I				CGS																				XXXXXX
EC	01770	104	1945	07	05	12:02:30.00X				0.900	-81.000	I				CGS																				XXXXXC
EC	01775	073	1945	07	06	02:20:09.00X				2.000	-84.500	I				CGS																				XXXXXX
EC	01800	104	1945	07	16	12:33:30.00X				-1.000	-82.000	I				CGS																				XXXXXX
EC	01850	105	1945	11	28	07:37:15.00X				-2.000	-80.000	I				CGS																				XXXXXX
EC	01860	105	1945	11	28	13:17:20.00X				-2.000	-80.000	I				OAE																				XXXXXX
EC	01880	105	1946	03	29	07:26:04.00X				-1.700	-80.800	I				CGS													•	7K	OAE		OAE			XXXXXC
EC	01890	104	1947	07	31	14:12:54.00X				0.000	-84.000	I			7	CGS																				XXXXXX
EC	01900	107	1947	11	08	05:24:19.00X				-2.100	-76.800	I				OAE																				XXXXXX
EC	01910	107	1948	06	25	09:19:13.00X				-1.800	-77.800	I				OAE																				XXXXXX
EC	01930	110	1949	07	13	09:59:17.00X				-3.000	-80.000	I				CGS																				XXXXXC
EC	01950	107	1949	08	05	19:08:47.00X				-1.500	-78.250	I	60.0I		33	G-R	6.2	SIS	6.8H	PAS									•	11K	OAE		OAE			FBCXXC
EC	01960	107	1949	08	1[illegible]	33:13:10.00X				-1.000	-78.000	I				OAE						5.0K	OAE							6K	OAE					XXXXXX
EC	01963	696	1949	09	07	07:26:57.00X				-2.000	-93.000	I				CGS																				XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tsun Obs	Non Occas
EC	01965	107	1949	09	12	00:00:00.00			V	-0.050	-78.450	V				OAE						4.3	K	OAE													
EC	01970	105	1949	11	14	02:10:10.00			X	-2.000	-80.000	I				CGS														•	5K	OAE					XXXXXX
EC	01980	107	1949	11	22	03:33:28.00			X	-1.500	-79.000	I				CGS																					XXXXXX
EC	02000	105	1950	05	12	23:30:01.00			X	-2.000	-80.500	I				CGS																					XXXXXX
EC	02010	105	1950	05	28	05:06:26.00			X	-0.500	-80.800	I				ISS																					XXXXXX
EC	02030	107	1950	06	22	20:43:03.00			X	-1.200	-78.500	I	96.0	I	13	ISS																					XXXXXX
EC	02035	696	1950	07	16	11:58:48.00			X	-2.000	-86.000	I				CGS																					XXXXXX
EC	02045	104	1950	10	21	13:33:55.00			X	1.400	-85.300	I				ISS																					XXXXXX
EC	02055	696	1950	11	14	21:41:00.00			X	2.000	-88.500	I				BCI																					XXXXXX
EC	02080	104	1950	11	21	13:33:51.40			X	1.370	-85.060	I				JMA																					XXXXXX
EC	02090	107	1950	12	30	13:02:19.00			X	-1.800	-77.700	I	192.0	I		ISS																					XXXXXX
EC	02100	104	1951	02	18	07:09:47.00			X	1.500	-82.200	I				ISS																					XXXXXX
EC	02110	104	1951	06	25	20:16:28.00			X	1.400	-85.300	I				ISS																					XXXXXX
EC	02140	105	1951	08	06	19:29:36.00			X	-2.000	-79.000	I				BCI																					XXXXXX
EC	02160	110	1951	10	12	18:22:36.00			X	-2.000	-77.000	I				BCI																					XXXXXX
EC	02190	107	1951	12	31	12:34:30.00			X	-2.000	-78.000	I				BCI																					XXXXXX
EC	02210	696	1952	01	18	12:44:18.00			X	-0.800	-92.000	I				ISS			5.5	H	JMA																XXXXXX
EC	02220	110	1952	03	24	09:57:25.00			X	-1.200	-75.800	I				ISS																					XXXXXX
EC	02240	104	1952	04	05	12:22:15.00			X	1.500	-83.000	I				BCI																					XXXXXX
EC	02250	107	1952	04	21	01:58:25.00			X	-2.750	-78.500	I				BCI																					XXXXXX
EC	02260	696	1952	04	21	04:12:42.00			X	-0.800	-92.000	I				ISS																					XXXXXX
EC	02270	105	1952	06	22	04:07:56.00			X	-1.500	-80.500	I				ISS														•	5K	OAE					XXXXXC
EC	02290	697	1952	07	27	00:46:29.00			X	-1.000	-91.800	I				ISS																					XXXXXX
EC	02320	105	1953	01	13	07:37:59.00			X	-2.000	-81.000	I				CGS																					XXXXXX
EC	02330	107	1953	02	14	22:10:21.00			X	-1.800	-77.700	I	192.0	I		ISS																					XXXXXX
EC	02340	105	1953	04	01	10:49:42.00			X	-0.500	-80.800	I				ISS																					XXXXXX
EC	02350	105	1953	04	01	11:21:24.00			X	-0.500	-80.800	I				ISS																					XXXXXX
EC	02410	109	1953	12	28	08:39:40.00			X	-3.000	-81.000	I				CGS																					XXXXXX
EC	02420	107	1954	03	10	14:09:07.00			X	-2.000	-78.000	I	100.0	I		CGS																					XXXXXX
EC	02430	105	1954	03	26	09:39:06.00			X	-2.000	-79.500	I				CGS																					XXXXXX
EC	02440	107	1954	03	29	13:58:30.00			X	-2.500	-78.500	I	100.0	I	15	CGS																					XXXXXC
EC	02445	697	1954	04	26	09:17:19.00			X	-0.300	-91.700	I				ISS																					XXXXXX
EC	02460	697	1954	06	04	06:50:40.00			X	-0.700	-91.700	I				ISS			6.8	H	PAS	6.5	S	JMA													XXXXXX
EC	02480	104	1954	06	21	08:59:20.00			X	1.500	-84.000	I				CGS			5.3	H	TAC																XXXXXX
EC	02490	697	1954	06	28	23:24:34.00			X	0.000	-91.500	I				CGS																					XXXXVX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geo	Tsun Obs	Non Caus
EC	02510	107	1954	07	26	19	09	00.00	X	-1.500	-79.000	I	60.0	I		CGS																					XXXXXX
EC	02540	106	1955	01	05	15	35	08.00	X	0.000	-78.000	I				CGS																					XXXXXX
EC	02550	105	1955	01	10	09	38	43.00	X	-0.500	-80.000	I				CGS																					XXXXXC
EC	02560	106	1955	01	19	15	33	07.00	X	1.000	-78.500	I	100.0	I		CGS																					XXXXXX
EC	02580	697	1955	02	08	05	49	00.00	X	-0.500	-92.000	I				CGS																					XXXXVX
EC	02590	110	1955	02	17	08	48	34.00	X	-4.000	-79.000	I				CGS																					XXXXXX
EC	02610	105	1955	04	08	13	11	30.00	X	-2.000	-80.000	I				CGS																					XXXXX2
EC	02620	104	1955	04	22	11	03	35.00	X	0.000	-81.000	I				CGS																					XXXXX2
EC	02630	106	1955	05	11	11	04	00.00	X	0.000	-78.000	I				CGS	6.2	SIS	6.8H	PAS										•	8K	OAE	OAE				XSXXXC
EC	02650	697	1955	05	31	17	57	12.00	X	0.000	-92.000	I				CGS			6.0H	JMA																	XXXXVX
EC	02660	105	1955	06	14	15	00	00.00	X	0.500	-80.000	I				CGS																					XXXXXX
EC	02670	106	1955	07	20	21	00	42.00	X	0.200	-78.400	I				ISS			6.0H	TAC										•	7K	OAE	OAE				XXXXXC
EC	02680	110	1955	08	10	07	45	49.00	X	-4.000	-80.000	I	100.0	I		CGS																					XXXXXX
EC	02685	697	1955	12	22	10	09	13.00	X	-0.500	-91.500	I				BCI																					XXXXXX
EC	02710	105	1956	01	16	23	37	37.00	X	-0.500	-80.500	I				CGS	6.5	SIS	7.3H	PAS										•	9K	OAE	OAE				XSXSXC
EC	02720	104	1956	01	25	06	30	00.00	X	0.500	-85.000	I				BCI																					XXXXXX
EC	02730	104	1956	02	04	02	55	02.00	X	0.000	-81.000	I				CGS																					XXXXXX
EC	02750	104	1956	03	09	17	31	07.00	X	1.000	-80.000	I				CGS																					XXXXXX
EC	02760	105	1956	03	22	06	33	55.00	X	-3.500	-79.000	I	100.0	I		CGS	6.0	SIS	6.5H	PAS										•	7K	OAE	OAE				XXXXXC
EC	02780	105	1956	07	28	11	21	43.00	X	0.000	-80.500	I				CGS																					XXXXXX
EC	02790	110	1957	01	15	04	09	15.00	X	-2.000	-76.500	I	100.0	I		CGS																					XXXXXX
EC	02800	696	1957	02	06	13	06	11.00	X	1.810	-90.560	I				ISS			6.0H	PAS		6.0S	JMA														XXXXXX
EC	02810	105	1957	03	12	21	22	58.00	X	-1.590	-80.150	I	60.0	I		ISS	6.2	SIS																				XXXXXX
EC	02820	107	1957	04	25	04	17	55.00	X	-0.750	-78.750	I	60.0	I		BCI	5.5	SIS																				XXXXXX
EC	02830	104	1957	05	07	01	18	28.00	X	1.000	-85.500	I				CGS																					XXXXXX
EC	02840	696	1957	06	01	19	35	08.00	X	1.000	-91.000	I				CGS																					XXXXVX
EC	02860	105	1957	08	26	13	58	48.00	X	-2.000	-81.000	I				CGS	5.7	SIS	6.0H	PAS																	XXXXXC
EC	02870	105	1957	09	10	14	43	05.00	X	-1.500	-80.000	I	400.0	I		CGS																					XXXXXX
EC	02880	105	1957	09	14	17	06	49.00	X	-1.500	-80.500	I				CGS																					XXXXXX
EC	02890	104	1957	10	31	16	24	17.00	X	1.500	-86.000	I				CGS																					XXXXXX
EC	02900	105	1958	01	19	14	07	26.00	X	1.370	-79.340	I	60.0	I		ISS	6.7	SIS	7.8H	PAS										•	9M		OAE				XSTAXC
EC	02915	107	1958	01	24	13	50	00.00	V	-0.930	-78.610	V				OAE						5.0K	OAE							•	6K	OAE					XXXXXX
EC	02990	107	1958	02	26	19	51	34.00	X	-2.500	-78.500	I	100.0	I		BCI	5.7	SIS																				XXXXXX
EC	03010	104	1958	03	04	01	50	09.00	X	-0.500	-81.000	I				BCI	6.1	SIS																				XXXXXX
EC	03050	105	1958	04	14	21	32	28.00	X	1.000	-79.500	I				CGS	6.4	SIS	6.8H	PAS																	XXXXXC

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dist Geos	Tsun Obs	Non Caus
EC	03060	105	1958	04	14	22:48:32.00			X	0.820	-79.820	I				ISS	6.2	SIS	6.6H		PAS																XXXXXX
EC	03070	105	1958	04	15	01:30:43.00			X	1.000	-79.500	I				CGS	6.1	SIS	6.6H		PAS																XXXXXX
EC	03075	696	1958	05	09	00:44:12.00			X	1.140	-94.490	I				ISS			6.0H		PAS																XXXXXX
EC	03080	107	1958	05	17	18:23:12.00			X	-1.500	-79.000	I				BCI																					XXXXXX
EC	03090	110	1958	05	25	21:11:42.00			X	-3.120	-78.090	I	29.0	I		ISS	6.1	SIS	6.5H		PAS								•	7K	OAE	OAE				XXXXXC
EC	03110	110	1958	05	26	09:06:51.00			X	-3.500	-78.500	I				CGS																					XXXXXX
EC	03140	104	1958	08	16	15:48:42.00			X	1.000	-80.000	I				BCI																					XXXXXX
EC	03150	104	1958	08	17	03:24:36.00			X	1.000	-80.000	I				BCI	6.1	SIS											•	3K	OAE					XXXXXX
EC	03160	107	1958	09	22	11:32:54.00			X	-1.500	-77.000	I	200.0	I		CGS	5.5	SIS																			XXXXXX
EC	03180	105	1958	11	23	03:20:52.00			X	-2.500	-79.000	I	100.0	I		CGS	5.7	SIS											•	3K	OAE					XXXXXX
EC	03210	107	1959	01	26	17:46:51.00			X	-1.000	-77.000	I	200.0	I		CGS	6.2	SIS																			XXXXXX
EC	03240	105	1959	01	31	23:25:09.00			X	0.250	-79.000	I				BCI																					XXXXXX
EC	03270	104	1959	02	15	23:26:17.00			X	-1.500	-81.500	I	33.0	I		CGS	5.6	SIS																			XXXXXX
EC	03280	104	1959	02	16	00:39:32.00			X	-1.360	-81.250	I				ISS	6.0	SIS				3.7K	OAE						•	4K	OAE					XXXXXX
EC	03290	104	1959	02	16	00:53:54.00			X	-1.000	-81.500	I				BCI																					XXXXXX
EC	03300	104	1959	02	16	01:14:52.00			X	-1.000	-81.500	I				BCI																					XXXXXX
EC	03320	105	1959	02	17	02:51:56.00			X	-1.000	-80.500	I				CGS	6.3	SIS																			XXXXXX
EC	03340	104	1959	03	27	22:57:36.00			X	1.000	-85.000	I				CGS																					XXXXXX
EC	03370	110	1959	08	12	02:00:52.00			X	-3.000	-80.500	I	33.0	I		CGS	5.7	SIS											•	3K	OAE					XXXXXX
EC	03440	105	1960	04	02	11:07:57.00			X	0.500	-80.500	I				CGS	6.2	SIS											•	3K	OAE					XXXXXX
EC	03450	107	1960	04	29	12:47:16.00			X	-1.000	-78.500	I	100.0	I		CGS	5.9	SIS											•	5K	OAE					XXXXXX
EC	03460	105	1960	06	21	14:05:57.00			X	-2.000	-80.500	I				CGS	6.1	SIS											•	4K	OAE					XXXXXX
EC	03470	696	1960	07	19	02:42:30.00			X	1.000	-87.500	I				CGS			6.0H		JMA																XXXXVX
EC	03480	107	1960	07	30	02:04:48.00			X	-1.500	-79.000	I	21.0	I	8	CGS	5.8	SIS											•	7K	OAE	OAE				XSXXXC
EC	03490	110	1960	07	30	07:15:15.00			X	-2.500	-77.500	I	200.0	I		CGS																					XXXXXX
EC	03495	107	1960	08	06	18:53:18.00			V	-0.222	-78.500	V				OAE						3.7K	OAE						•	4K	OAE					XXXXXX
EC	03500	104	1960	08	29	04:53:23.20			X	1.000	-85.200	I	48.0	I	11	CGS																					XXXXXX
EC	03510	104	1960	09	10	05:17:24.00			X	-2.500	-82.000	I	33.0	I		BCI	5.7	SIS											•	5K	OAE					XXXXXX
EC	03525	107	1960	09	21	02:40:00.00			U	-3.280	-79.310	Y				OAE													•	4K	OAE					XXXXXX
EC	03550	696	1960	10	27	05:25:04.90			X	1.500	-90.800	I	25.0	I		CGS			5.0H		JMA																XXXXVX
EC	03560	104	1960	12	10	06:05:36.00			X	0.000	-82.000	I				BCI																					XXXXXX
EC	03590	105	1961	01	25	03:46:46.20			X	0.000	-80.200	I	22.0	I	6	CGS													•	4K	OAE					XXXXXX
EC	03600	110	1961	02	02	09:42:15.40			X	-2.800	-77.800	I	25.0	I		CGS	5.4	SIS																			XXXXXX
EC	03610	110	1961	02	20	22:27:02.00			X	-2.490	-77.370	I	47.0	I		ISS	6.1	SIS																			XXXXXX
EC	03620	107	1961	03	25	02:10:13.20			X	-2.100	-78.700	I	132.0	I	5	CGS	6.3	SIS											•	4K	OAE					XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dis Geos	Tsun Obs	Non Caus
EC	03630	105	1961	04	08	03:06:49.90	X			-2.600	-81.000	I	25.0	I	12	CGS	6.2	SIS																		XXXXXX
EC	03640	105	1961	04	08	04:22:07.00	X			-2.110	-79.110	I				ISS	6.1	SIS																		XXXXXX
EC	03650	105	1961	04	08	04:47:06.00	X			-2.120	-79.180	I	47.0	I		ISS	6.1	SIS																		XXXXXX
EC	03660	105	1961	04	08	09:03:48.00	X			-2.050	-79.000	I				ISS	6.1	SIS											•	8K	OAE		OAE			FSXXXX
EC	03670	105	1961	04	22	19:01:34.40	X			-2.800	-80.800	I	30.0	I	8	CGS			5.8H	MAT																XXXXXX
EC	03690	110	1961	05	21	17:41:28.20	X			-3.100	-80.900	I	27.0	I	12	CGS	6.0	SIS																		XXXXXX
EC	03700	110	1961	06	02	18:26:12.60	X			-3.000	-80.400	I	37.0	I	13	CGS	6.2	SIS																		XXXXXX
EC	03720	105	1961	07	03	08:26:13.40	X			-2.800	-79.700	I	33.0	I	9	CGS																				XXXXXX
EC	03730	105	1961	07	24	01:53:29.90	X			-2.100	-79.400	I	33.0	I	17	CGS	6.2	SIS											•	4K	OAE					XXXXXX
EC	03740	107	1961	07	24	02:07:18.60	X			-1.600	-78.300	I	30.0	I	8	CGS	6.4	SIS																		XXXXXX
EC	03750	110	1961	07	28	01:05:34.00	X			-2.100	-77.150		165.0	I		ISS	5.9	SIS	6.3H	PAS									•	3K	OAE					XXXXXX
EC	03800	104	1961	09	08	05:57:37.50	X			-1.800	-81.400	I	33.0	I		CGS																				XXXXXX
EC	03810	696	1961	09	09	19:10:45.70	X			1.300	-90.800	I	33.0	I	10	CGS																				XXXXVX
EC	03820	105	1961	09	18	04:52:30.90	X			-0.400	-80.400	I	16.0	I		CGS																				XXXXXX
EC	03840	105	1961	10	07	09:55:55.40	X			-0.400	-80.400	I	56.0	I	12	CGS	6.2	SIS																		XXXXXX
EC	03850	105	1961	10	14	21:18:03.40	X			-0.900	-80.400	I	25.0	I	5	CGS	6.1	SIS																		XXXXXX
EC	03870	106	1961	12	04	16:12:12.00	X			0.300	-78.300	I	33.0	I		CGS	6.4	SIS											•	3K	OAE					XXXXXX
EC	03910	104	1962	02	08	08:28:26.80	X			-1.700	-84.600	I	45.0	I	11	CGS																				XXXXXX
EC	03920	697	1962	02	18	23:25:20.10	X			-0.600	-91.700	I	33.0	I	15	CGS																				XXXXVX
EC	03940	105	1962	03	12	16:57:46.80	X			-2.900	-80.200	I	25.0	I	5	CGS	6.2	SIS											•	3K	OAE					XXXXXX
EC	03950	110	1962	03	19	14:00:08.90	X			-2.300	-77.100	I	119.0	I	12	CGS	5.7	SIS											•	2K	OAE					XXXXXX
EC	03970	697	1962	04	11	23:21:26.30	X			-0.200	-91.500	I	25.0	I	18	CGS	6.4	SIS																		XXXXVX
EC	03990	105	1962	05	04	23:08:05.30	X			-0.900	-80.100	I	74.0	I	12	CGS	6.2	SIS																		XXXXXX
EC	04000	105	1962	05	25	14:49:11.20	X			-2.500	-79.100	I	79.0	I	12	CGS	6.1	SIS											•	3K	OAE					XXXXXX
EC	04010	107	1962	06	14	20:18:06.20	X			-1.900	-76.900	I	160.0	I	13	CGS	6.1	SIS																		XXXXXX
EC	04020	107	1962	06	21	15:40:23.40	X			-1.200	-77.400	I	194.0	I	8	CGS																				XXXXXX
EC	04030	107	1962	07	08	05:29:12.00	X			-2.600	-78.000	I	21.0	I	5	CGS																				XXXXXX
EC	04050	110	1962	07	28	02:32:26.00	X			-4.100	-79.700	I	110.0	I	6	CGS																				XXXXXX
EC	04060	110	1962	07	30	06:58:35.60	X			-2.500	-77.000	I	146.0	I	8	CGS	5.8	SIS																		XXXXXX
EC	04065	076	1962	08	13	06:35:56.00	X			2.100	-83.500	I	33.0	I	23	CGS			6.6H	PAS																XXXXXX
EC	04070	110	1962	08	17	07:26:33.40	X			-4.700	-79.400	I	96.0	I	18	CGS																				XXXXXX
EC	04080	104	1962	08	18	06:59:33.20	X			0.800	-82.300	I	33.0	I	8	CGS																				XXXXXX
EC	04085	107	1962	09	12	20:10:00.00	U			-1.040	-78.590	I				OAE						5.6K	OAE						•	7K	OAE					XXXXXX
EC	04100	104	1962	09	26	12:47:30.40	X			-1.500	-80.900	I	33.0	I		CGS																				XXXXXX
EC	04110	107	1962	10	06	14:05:24.00	X			-1.500	-77.400	I	149.0	I	8	CGS																				XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tsun	Noon Obs	Cass
EC	04120	110	1962	10	10	11:42:35.10X				-3.100	-78.400	I	33.0I		11	CGS	6.2	SIS																			
EC	04130	105	1962	10	11	06:22:50.60X				-1.300	-80.400	I	75.0I		14	CGS	6.2	SIS											•	6K	OAE			XXXXXX			
EC	04150	110	1962	10	12	00:10:04.80X				-4.100	-80.300	I	195.0I		5	CGS																		XXXXXX			
EC	04160	107	1962	11	01	11:31:48.70X				-1.500	-77.800	I	181.0I		12	CGS	5.9	SIS																XXXXXX			
EC	04170	110	1962	11	06	12:23:22.70X				-4.000	-79.800	I	84.0I		17	CGS	6.1	SIS																XXXXXX			
EC	04180	107	1962	11	11	03:52:19.40X				-1.200	-78.800	I	59.0I		5	CGS	6.3	SIS																			
EC	04190	107	1962	11	16	06:39:08.20X				-1.000	-78.600	I	33.0I		23	CGS	6.3	SIS											•	6K	OAE			XXXXXX			
EC	04200	107	1962	11	22	06:53:35.80X				-1.700	-76.900	I	166.0I		15	CGS	5.5	SIS											•	8K	OAE			FSXXXC			
EC	04210	105	1962	12	21	21:27:51.00X				-1.080	-80.930	I	25.0I			ISS	6.0	SIS	5.8H	MAT														XXXXXX			
EC	04220	104	1962	12	22	06:35:57.10X				-1.100	-81.000	I	33.0I		10	CGS																		XXXXXX			
EC	04230	105	1963	01	06	06:17:25.70X				-2.000	-80.800	I	32.0I		30	CGS																		XXXXXX			
EC	04250	107	1963	02	27	00:10:01.30X				-1.200	-79.000	I	33.0I		13	CGS	4.3	CGS																XXXXXX			
EC	04280	107	1963	03	30	09:23:13.90X				-1.500	-77.700	I	154.0I		10	CGS	4.5	CGS											•	6K	OAE			XXXXXX			
EC	04300	697	1963	04	24	02:33:08.30X				-1.000	-91.600	I	33.0I		13	CGS	4.1	CGS																XXXXXX			
EC	04310	107	1963	04	28	05:22:05.00X				-1.700	-78.100	I	10.0I			CGS																		XXXXVX			
EC	04320	110	1963	05	10	22:22:44.00X				-2.120	-77.510	I	25.0I			ISS	5.8	CGS	6.8H	PAS									•	7K	OAE	OAE		XXXXXX			
EC	04330	105	1963	05	11	21:03:56.50X				-2.900	-79.200	I	33.0I		8	CGS	4.2	CGS																XXXXXX			
EC	04340	110	1963	05	12	11:00:50.10X				-2.700	-77.000	I	115.0I		6	CGS	4.0	CGS																XXXXXX			
EC	04350	105	1963	05	14	11:23:02.10X				0.700	-80.200	I	25.0I		9	CGS	4.4	CGS																XXXXXX			
EC	04370	105	1963	05	23	03:57:43.80X				-1.600	-80.800	I	90.0I		24	CGS	4.6	CGS																XXXXXX			
EC	04390	110	1963	06	08	08:57:24.90X				-2.300	-77.800	I	33.0I		12	CGS	4.4	CGS																XXXXXX			
EC	04410	110	1963	06	20	20:42:17.10X				-2.300	-77.500	I	33.0I		8	CGS	4.1	CGS																XXXXXX			
EC	04430	110	1963	07	02	02:52:53.00X				-2.400	-77.800	I	33.0I		19	CGS	4.6	CGS																XXXXXX			
EC	04460	110	1963	07	25	20:31:17.70X				-2.400	-77.800	I	33.0I		6	CGS	4.0	CGS																XXXXXX			
EC	04480	107	1963	08	11	06:30:36.50X				-1.000	-78.900	I	33.0I		9	CGS	4.0	CGS																XXXXXX			
EC	04483	696	1963	08	12	13:06:46.10X				2.100	-90.400	I	33.0I		10	CGS	4.6	CGS																XXXXXX			
EC	04487	696	1963	08	12	13:12:08.40X				2.100	-90.500	I	33.0I		6	CGS	4.6	CGS																XXXXXX			
EC	04490	110	1963	08	13	12:39:55.30X				-3.100	-80.400	I	66.0I		10	CGS	4.3	CGS																XXXXXX			
EC	04500	105	1963	08	20	20:14:31.40X				0.000	-80.900	I	64.0I		5	CGS	4.2	CGS																XXXXXX			
EC	04505	076	1963	09	06	13:57:42.50X				2.200	-83.200	I	33.0I		11	CGS	4.8	CGS																XXXXXX			
EC	04510	107	1963	09	17	07:34:38.70X				-1.500	-77.900	I	178.0I		13	CGS	4.0	CGS																XXXXXX			
EC	04520	107	1963	09	19	00:06:43.00X				-2.600	-78.000	I	33.0I		13	CGS	4.3	CGS																XXXXXX			
EC	04530	107	1963	10	02	15:51:48.20X				-1.700	-76.000	I	176.0I		6	CGS	3.7	CGS																XXXXXX			
EC	04540	110	1963	10	14	05:39:17.10X				-2.300	-77.600	I	33.0I		24	CGS	4.7	CGS																XXXXXX			
EC	04550	110	1963	10	26	12:56:46.80X				-2.700	-77.800	I	33.0I		7	CGS	4.2	CGS																XXXXXX			

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geo	Tsun Obs	Nono Cas
EC	04640	105	1963	11	16	18:06:55.00X				-2.200	-80.000	I	59.0I		13	CGS	4.6	CGS																			XXXXXX
EC	04650	104	1963	12	02	15:37:37.50X				1.400	-84.000	I	33.0I		6	CGS	4.3	CGS																			XXXXXX
EC	04655	076	1963	12	03	17:12:01.60X				2.200	-84.500	I	56.0I		16	CGS	5.2	CGS																			XXXXXX
EC	04660	107	1963	12	13	04:16:13.50X				-2.700	-78.400	I	109.0I		10	CGS	4.5	CGS																			XXXXXX
EC	04670	107	1963	12	16	16:41:09.50X				-1.600	-78.000	I	170.0I		20	CGS	4.8	CGS																			XXXXXX
EC	04690	107	1963	12	30	23:39:27 20X				-2.500	-78.400	I	33.0I		8	CGS	4.3	CGS																			XXXXXX
EC	04710	107	1964	01	03	22:12:09.40X				-1.350	-79.190	I	33.0I		6	ISC	4.4	CGS																			XXXXXX
EC	04720	106	1964	01	05	15:49:17.50X				0.390	-78.210	I	80.0I		13	ISC	4.4	ISC				4.1B	CGS														XXXXXX
EC	04740	697	1964	01	09	21:19:38.40X				-1.200	-89.900	I	33.0I		6	CGS	4.0	CGS																			XXXXXX
EC	04760	105	1964	01	23	11:38:51.00X				-2.200	-79.400	I	418.0I		12	ISC	3.7	ISC				3.6B	CGS														XXXXXX
EC	04770	104	1964	01	25	03:46:41.30X				1.320	-88.300	I	41.0I		9	ISC	3.7	CGS																			XXXXXX
EC	04780	107	1964	01	31	21.46:31.90X				-0.180	-77.900	I	33.0I		29	ISC	4.6	ISC				4.6B	CGS														XXXXXX
EC	04830	104	1964	02	23	23:09:14.30X				1.300	-84.700	I	115.0I		11	ISC	4.1	ISC				3.9B	CGS														XXXXXX
EC	04860	107	1964	03	02	17:19:50.90X				-1.990	-77.500	I	29.0I		27	ISC	4.6	ISC				4.6B	CGS														XXXXXX
EC	04870	110	1964	03	11	07:19:29.10X				-2.500	-76.600	I	162.0I		6	CGS	3.9	CGS																			XXXXXX
EC	04890	110	1964	03	15	14:14:53.70X				-2.700	-78.100	I	94.0I		14	ISC	4.2	ISC				4.3B	CGS														XXXXXX
EC	04900	105	1964	03	20	06:55:29.90X				-2.040	-79.720	I	89.0I		83	ISC	5.3	ISC	5.3		BRK	5.3B	CGS	5.5B	SIS			•	4K	OAE							XXXXXX
EC	04920	107	1964	03	23	03:35:45.50X				-1.110	-78.800	I	68.0I		15	ISC	4.2	ISC				4.2B	CGS						•	4K	OAE						XXXXXX
EC	04930	111	1964	03	24	06:36:19.50X				-5.400	-79.400	I	33.0I		10	ISC	3.8	ISC				4.0B	CGS														XXXXXX
EC	04950	105	1964	04	01	04:26:56.10X				-2.940	-80.200	I	65.0I		27	ISC	4.4	ISC				4.5B	CGS														XXXXXX
EC	04955	076	1964	04	07	17:50:09.40X				2.200	-83.200	I	33.0I		11	CGS	4.5	CGS																			XXXXXX
EC	04960	105	1964	04	19	13:17:11.50X				-3.730	-79.400	I	134.0I		10	ISC	4.0	ISC				4.3B	CGS														XXXXXX
EC	04980	104	1964	05	01	14:04:47.20X				1.200	-85.190	I	58.0I		13	ISC	4.5	ISC				4.4B	CGS														XXXXXX
EC	04985	696	1964	05	08	10:52:17.00X				0.300	-93.200	I	33.0I		8	CGS	4.2	CGS																			XXXXXX
EC	05000	107	1964	05	12	08:27:04.90X				-0.600	-77.300	I	33.0I		6	ISC	4.0	ISC				4.0B	CGS														XXXXXX
EC	05010	105	1964	05	19	23:03:38.20X				-0.840	-80.290	I	34.0I		186	ISC	5.7	ISC	6.0H		PAS	5.4B	CGS						•	8K	OAE	OAE					XSXXXC
EC	05020	105	1964	05	20	03:25:07.00X				-0.840	-80.270	I	61.0I		56	ISC	4.6	ISC				4.7B	CGS														XXXXXX
EC	05030	107	1964	06	01	09:20:56.00X				-0.820	-77.300	I	33.0I		8	ISC	4.8	ISC				4.0B	CGS														XXXXXX
EC	05060	107	1964	06	09	18:16:14.20X				-0.170	-78.950	I	55.0I		56	ISC	4.8	ISC				4.6B	CGS						•	7K	OAE						XXXXXX
EC	05070	107	1964	06	22	03:29:55.80X				-2.600	-78.100	I	46.0I			CGS	3.9	CGS																			XXXXXX
EC	05090	105	1964	06	23	02:04:40.20X				-2.650	-79.980	I	39.0I		52	ISC	5.0	ISC				5.2B	CGS						•	3K	OAE						XXXXXX
EC	05100	110	1964	06	23	13:53:52.10X				-2.510	-77.680	I	33.0I		11	ISC	3.8	ISC				3.9B	CGS														XXXXXX
EC	05110	110	1964	06	24	06:21:42.30X				-3.800	-78.500	I	33.0I		6	ISC	3.9	ISC				4.0B	CGS														XXXXXX
EC	05120	107	1964	06	29	08:50:56.00X				-1.600	-78.000	I	158.0I		11	ISC	4.0	ISC				4.1B	CGS														XXXXXX
EC	05130	107	1964	07	05	01:06:26.20X				-1.140	-78.660	I	70.0I		17	ISC	4.0	ISC				4.0B	CGS														XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isom Map	Dias	Tsun	Noon Geos	Obs Cas
EC	05140	110	1964	07	11	08:15:40.20X				-2.750	-78.100	I	148.0I		8	ISC	3.8	ISC					4.1B	CGS													XXXXXX
EC	05150	107	1964	07	27	04:03:33.30X				-1.750	-77.890	I	165.0I		35	ISC	4.4	ISC					4.5B	CGS													XXXXXX
EC	05180	104	1964	08	07	19:57:53.70X				1.700	-85.100	I	99.0I		8	ISC	4.2	ISC					4.3B	CGS													XXXXXX
EC	05190	107	1964	08	09	08:26:57.00X				-1.700	-78.800	I	175.0I		10	ISC	3.8	ISC					3.8B	CGS													XXXXXX
EC	05210	105	1964	08	14	19:25:34.40X				-0.270	-80.040	I	70.0I		22	ISC	4.4	ISC					4.6B	CGS													XXXXXX
EC	05220	107	1964	08	24	10:37:23.70X				-1.500	-77.920	I	178.0I		71	ISC	5.1	ISC					5.1B	CGS						•	3K	OAE					XXXXXX
EC	05225	696	1964	08	29	17:17:34.20X				-3.200	-92.200	I	33.0I		6	CGS	4.2	CGS																			XXXXXX
EC	05290	105	1964	10	08	10:55:26.00X				-2.780	-79.600	I	131.0I		7	ISC	4.8	ISC					4.0B	CGS													XXXXXX
EC	05300	110	1964	10	25	06:25:49.10X				-1.970	-77.190	I	169.0I		59	ISC	5.2	ISC					5.3B	CGS													XXXXXX
EC	05310	105	1964	10	25	22:56:31.30X				-2.070	-78.800	I	48.0I		73	ISC	5.2	ISC					5.4B	CGS						•	7K	OAE					XXXXXC
EC	05370	110	1964	11	29	17:08:27.50X				-4.740	-79.210	I	98.0I		22	ISC	4.2	ISC					4.6B	CGS													XXXXXX
EC	05390	107	1964	12	09	19:12:18.50X				-1.230	-77.520	I	218.0I		37	ISC	4.7	ISC					4.5B	CGS													XXXXXX
EC	05410	104	1964	12	17	04:43:56.50X				1.860	-84.620	I	27.0I		27	ISC	4.6	ISC					4.6B	CGS													XXXXXX
EC	05420	124	1965	01	06	16:30:37.30X				-0.890	-81.520	I	21.0I		21	ISC	4.6	ISC					4.6B	CGS													XXXXXX
EC	05460	105	1965	01	16	16:22:16.40X				-2.300	-80.100	I	135.0I		20	ISC	4.4	ISC					4.7B	CGS													XXXXXX
EC	05470	107	1965	01	16	16:59:45.00X				-4.100	-79.600	I	26.0I		11	ISC	4.5	CGS																			XXXXXX
EC	05480	104	1965	01	26	13:48:44.20X				-0.660	-80.900	I	158.0I		8	ISC	4.0	ISC					4.2B	CGS													XXXXXX
EC	05490	105	1965	01	26	14:17:53.10X				-0.410	-80.750	I	81.0I		25	ISC	4.3	ISC					4.7B	CGS													XXXXXX
EC	05500	107	1965	02	11	16:10:29.90X				-1.420	-77.930	I	181.0I		88	ISC	5.1	ISC	6.8H	PAS			5.1B	CGS		6.2B	SIS			•	3K	OAE					XXXXXX
EC	05520	110	1965	02	20	18:00:17.00X				-4.300	-79.100	I			13	ISC	3.9	CGS																			XXXXXX
EC	05525	076	1965	03	02	03:46:41.70X				2.400	-84.500	I	33.0I		11	CGS	4.5	CGS																			XXXXXX
EC	05530	110	1965	03	05	07:18:30.60X				-4.020	-79.400	I	231.0I		14	ISC	3.8	ISC																			XXXXXX
EC	05540	107	1965	03	06	04:43:12.00X				-1.260	-78.300	I	53.0I		28	ISC	4.2	ISC					4.3B	CGS						•	3K	OAE					XXXXXX
EC	05560	105	1965	03	14	15:30:37.10X				-0.360	-80.750	I	33.0I		6	CGS	4.1	CGS																			XXXXXX
EC	05570	107	1965	03	31	16:50:19.00X				-2.130	-77.170	I	193.0I		13	ISC	3.8	ISC					4.7B	CGS													XXXXXX
EC	05580	104	1965	04	04	05:53:45.10X				1.410	-79.760	I	99.0I		26	ISC	4.3	ISC					4.8B	CGS													XXXXXX
EC	05590	110	1965	04	06	19:21:50.50X				-3.110	-78.170	I	110.0I		52	ISC	4.8	ISC					5.0B	CGS													XXXXXX
EC	05600	107	1965	04	14	08:23:38.30X				-1.170	-78.930	I	84.0I		34	ISC	4.4	ISC					4.6B	CGS													XXXXXX
EC	05620	105	1965	04	18	12:23:10.10X				1.220	-79.700	I	114.0I		10	ISC	4.2	ISC					4.3B	CGS													XXXXXX
EC	05640	107	1965	04	26	08:39:04.10X				-1.310	-77.850	I	193.0I		40	ISC	4.5	ISC					4.8B	CGS													XXXXXX
EC	05650	104	1965	04	27	20:09:16.90X				1.600	-85.220	I	17.0I		51	ISC	4.9	ISC					5.5B	CGS													XXXXXX
EC	05660	104	1965	04	28	10:26:26.20X				1.500	-85.200	I	76.0I		13	ISC	4.2	ISC					4.0B	CGS													XXXXXX
EC	05670	104	1965	04	29	08:11:09.80X				1.570	-85.200	I	50.0I		26	ISC	4.9	ISC					4.9B	CGS													XXXXXX
EC	05680	107	1965	05	01	23:45:34.20X				-1.750	-77.780	I	199.0I		14	ISC	3.9	ISC					3.9B	CGS													XXXXXX
EC	05690	110	1965	05	09	19:59:00.30X				-2.830	-77.260	I	120.0I		46	ISC	4.8	ISC					4.8B	CGS													XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes							Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dius Geos	Tsun Obs	Non Caus
EC	05700	107	1965	05	19	08	05	14.70	X	-1.790	-79.400	I	71.0	I	8	ISC	3.9	ISC				4.1	B	CGS													XXXXXX
EC	05720	105	1965	06	06	21	41	40.00	X	-1.370	-80.600	I	75.0	I	18	ISC	4.2	ISC				4.3	B	CGS													XXXXXX
EC	05760	110	1965	06	27	17	09	05.70	X	-2.560	-76.930	I	140.0	I	59	ISC	4.9	ISC				5.0	B	CGS													XXXXXX
EC	05770	110	1965	06	27	17	09	25.30	X	-2.300	-77.100	I	33.0	I	9	ISC	5.3	CGS																			XXXXXX
EC	05790	107	1965	07	13	22	49	44.90	X	-2.780	-78.800	I	97.0	I	15	CGS	4.5	CGS																			XXXXXX
EC	05800	696	1965	07	14	17	07	01.30	X	1.320	-90.600	I	168.0	I	32	ISC	4.4	ISC				4.7	B	CGS													XXXXVX
EC	05810	696	1965	07	14	17	18	48.70	X	1.380	-90.400	I	155.0	I	21	ISC	4.3	ISC				4.7	B	CGS													XXXXVX
EC	05820	696	1965	07	16	12	47	15.60	X	1.360	-90.360	I	33.0	I	56	ISC	4.9	ISC				5.1	B	CGS													XXXXVX
EC	05840	107	1965	07	30	16	32	37.70	X	-1.480	-78.070	I	170.0	I	31	ISC	4.4	ISC				4.6	B	CGS													XXXXXX
EC	05860	105	1965	08	09	07	53	18.00	X	-3.090	-79.540	I	251.0	I	5	CGS	3.4	CGS																			XXXXXX
EC	05870	107	1965	08	09	08	40	30.60	X	-1.360	-78.690	I	141.0	I	41	ISC	4.7	ISC				5.1	B	CGS													XXXXXX
EC	05890	104	1965	08	14	03	47	48.10	X	1.750	-84.800	I	33.0	I	6	CGS	4.0	CGS																			XXXXXX
EC	05900	107	1965	08	18	07	20	02.70	X	-1.880	-78.170	I	266.0	I	7	CGS	3.5	CGS																			XXXXXX
EC	05910	110	1965	08	22	10	39	26.60	X	-2.310	-77.020	I	169.0	I	13	CGS	4.0	CGS																			XXXXXX
EC	05920	110	1965	09	07	16	30	27.40	X	-4.400	-80.500	I	227.0	I	6	CGS	4.2	CGS																			XXXXXX
EC	05930	106	1965	09	17	11	13	53.50	X	-1.400	-77.700	I	161.0	I	234	ISC	5.9	ISC	6.5	H	PAS	6.0	B	CGS					•	4K	OAE						XXXXXX
EC	05940	107	1965	09	19	01	45	01.90	X	-1.560	-77.600	I	209.0	I	25	ISC	4.6	ISC				4.6	B	CGS													XXXXXX
EC	05950	107	1965	09	21	05	34	45.40	X	-1.700	-77.500	I	245.0	I	9	CGS	3.8	CGS																			XXXXXX
EC	05960	105	1965	09	27	03	15	55.30	X	-1.400	-80.600	I	86.0	I	5	ISC	4.5	ISC				4.6	B	CGS													XXXXXX
EC	05970	105	1965	09	30	11	35	06.80	X	-3.110	-78.980	I	75.0	I	7	CGS	3.8	CGS																			XXXXXX
EC	05980	104	1965	10	10	16	46	19.10	X	-1.100	-81.700	I	33.0	I	9	CGS	4.5	CGS																			XXXXXX
EC	06000	105	1965	10	12	15	10	46.80	X	-1.380	-80.900	I	33.0	I	6	CGS	4.4	CGS																			XXXXXX
EC	06010	104	1965	10	18	04	58	04.00	X	1.390	-85.180	I	43.0	I	40	ISC	4.8	ISC				4.8	B	CGS													XXXXXX
EC	06020	104	1965	10	18	05	24	49.60	X	1.380	-85.180	I	120.0	I	25	ISC	4.5	ISC				4.6	B	CGS													XXXXXX
EC	06030	104	1965	10	18	16	17	40.60	X	1.470	-85.260	I	33.0	I	19	CGS	4.6	CGS																			XXXXXX
EC	06040	104	1965	10	23	16	00	43.80	X	-1.620	-80.900	I	156.0	I	11	CGS	4.2	CGS																			XXXXXX
EC	06050	104	1965	10	25	11	17	26.70	X	-1.110	-80.990	I	33.0	I	6	CGS	4.3	CGS																			XXXXXX
EC	06060	110	1965	10	30	08	37	14.00	X	-1.740	-76.030	I	130.0	I	15	CGS	4.3	CGS																			XXXXXX
EC	06070	107	1965	10	31	04	02	24.80	X	-1.720	-77.540	I	241.0	I	8	CGS	5.0	CGS																			XXXXXX
EC	06080	107	1965	11	13	19	02	24.30	X	-1.630	-77.480	I	224.0	I	24	ISC	4.4	ISC				4.8	B	CGS													XXXXXX
EC	06090	696	1965	11	14	03	10	06.90	X	1.920	-90.450	I	33.0	I	15	CGS	4.7	CGS																			XXXXVX
EC	06100	696	1965	11	14	03	11	28.60	X	1.810	-90.570	I	79.0	I	45	ISC	4.9	ISC				4.9	B	CGS													XXXXVX
EC	06110	696	1965	11	14	03	22	08.30	X	1.580	-90.560	I	33.0	I	8	CGS	4.4	CGS																			XXXXVX
EC	06120	696	1965	11	14	04	20	18.80	X	1.880	-90.250	I	33.0	I	21	ISC	4.6	ISC				4.7	B	CGS													XXXXVX
EC	06130	110	1965	11	19	09	52	37.30	X	-2.010	-77.640	I	183.0	I	12	CGS	4.2	CGS																			XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tsun Obs	Non Caus
EC	06180	105	1965	12	04	17:16:29.10			X	-3.940	-79.960	I	33.0	I	8	CGS	4.3	CGS																		
EC	06200	107	1965	12	12	22:25:14.10			X	-1.500	-77.680	I	191.0	I	15	CGS	4.2	CGS																		XXXXXX
EC	06210	104	1965	12	25	07:21:54.80			X	-1.860	-81.210	I	33.0	I	7	CGS	4.5	CGS																		XXXXXX
EC	06240	110	1966	01	12	08:02:08.80			X	-2.270	-77.150	I	167.0	I	53	ISC	4.7	ISC				4.8B	CGS												XXXXXX
EC	06250	105	1966	01	17	06:24:47.00			X	-3.250	-79.400	I	133.0	I	8	ISC	3.7	CGS																		XXXXXX
EC	06270	107	1966	01	20	21:31:24.80			X	-0.600	-79.800	I	53.0	I	9	ISC	4.1	CGS																		XXXXXX
EC	06290	107	1966	01	31	13:54:24.80			X	-1.670	-78.010	I	180.0	I	31	ISC	4.5	ISC				4.6B	CGS												XXXXXX
EC	06300	107	1966	02	09	20:30:24.00			X	-1.650	-77.870	I	172.0	I	23	ISC	4.3	ISC				4.9B	CGS												XXXXXX
EC	06310	696	1966	02	10	00:19:41.70			X	1.700	-90.400	I	33.0	I	15	ISC	4.4	ISC				4.4B	CGS												XXXXXX
EC	06320	696	1966	02	17	15:00:29.00			X	1.500	-90.200	I	122.0	I	22	ISC	4.4	ISC				4.5B	CGS												XXXXXX
EC	06330	105	1966	02	20	10:51:24.20			X	-1.130	-80.300	I	133.0	I	12	ISC	4.3	ISC				4.7B	CGS												XXXXXX
EC	06350	105	1966	03	04	10:25:04.30			X	-1.230	-80.100	I	33.0	I	9	ISC	3.7	ISC				4.2B	CGS												XXXXXX
EC	06355	696	1966	03	08	10:39:20.30			X	0.200	-92.700	I	33.0	I	9	CGS	4.2	CGS																		XXXXXX
EC	06420	107	1966	04	09	07:53:24.00			X	-1.360	-78.000	I	182.0	I	9	ISC	3.8	ISC				4.0B	CGS												XXXXXX
EC	06430	105	1966	04	15	10:14:58.80			X	-2.870	-80.300	I	37.0	I	10	ISC	4.0	ISC				4.1B	CGS												XXXXXX
EC	06450	107	1966	05	15	20:16:04.10			X	-1.550	-78.020	I	194.0	I	21	ISC	4.0	ISC				4.2B	CGS												XXXXXX
EC	06460	697	1966	05	19	08:44:03.00			X	-1.200	-91.300	I	33.0	I	13	ISC	4.3	ISC				4.3B	CGS												XXXXXX
EC	06470	110	1966	05	24	20:50:59.00			X	-2.290	-78.100	I	1.0	I	19	ISC	4.1	ISC				4.3B	CGS												XXXXXX
EC	06480	105	1966	06	16	12:27:52.00			X	-1.550	-80.500	I	51.0	I	13	ISC	4.1	ISC				4.3B	CGS												XXXXXX
EC	06500	110	1966	06	29	00:36:16.00			X	-2.200	-77.800	I	158.0	I	10	ISC	3.9	ISC				3.8B	CGS												XXXXXX
EC	06510	110	1966	07	13	08:32:49.00			X	-2.220	-77.300	I	142.0	I	21	ISC	4.1	ISC				4.5B	CGS												XXXXXX
EC	06520	107	1966	07	25	01:06:56.90			X	-0.790	-78.320	I	58.0	I	8	ISC	3.8	ISC				3.9B	CGS												XXXXXX
EC	06530	107	1966	08	01	09:48:03.80			X	-1.160	-78.600	I	74.0	I	36	ISC	4.7	ISC				4.8B	CGS						•	4K	OAE				XXXXXX
EC	06550	110	1966	08	21	09:39:22.00			X	-4.050	-78.900	I	138.0	I	12	ISC	4.2	ISC				4.3B	CGS												XXXXXX
EC	06560	107	1966	08	24	20:10:08.90			X	-1.490	-77.420	I	205.0	I	38	ISC	4.6	ISC				5.0B	CGS												XXXXXX
EC	06590	104	1966	09	10	16:13:50.00			X	-0.200	-80.900	I	63.0	I	18	ISC	4.3	ISC				4.3B	CGS												XXXXXX
EC	06620	104	1966	10	09	02:17:57.00			X	1.530	-85.110	I	110.0	I	31	ISC	4.6	ISC				4.7B	CGS												XXXXXX
EC	06630	107	1966	10	10	15:28:46.00			X	-1.640	-79.000	I	57.0	I	8	ISC	4.0	ISC				4.1B	CGS												XXXXXX
EC	06670	107	1966	11	11	20:17:46.80			X	-1.150	-79.200	I	119.0	I	8	ISC	4.2	ISC				4.3B	CGS												XXXXXX
EC	06715	076	1966	12	03	17:04:56.00			X	2.100	-83.400	I	17.0	I	15	CGS	4.7	CGS																		XXXXXX
EC	06720	104	1966	12	05	04:55:43.00			X	1.410	-84.500	I	75.0	I	10	ISC	4.3	ISC				4.4B	CGS												XXXXXX
EC	06740	105	1966	12	07	18:23:11.00			X	-1.620	-80.200	I	98.0	I	10	ISC	4.3	ISC				4.3B	CGS												XXXXXX
EC	06750	105	1966	12	08	11:34:30.00			X	-1.580	-80.600	I	98.0	I	25	ISC	4.4	ISC				4.5B	CGS												XXXXXX
EC	06760	107	1966	12	21	11:37:27.00			X	-1.900	-77.000	I	33.0	I	8	ISC	4.1	ISC																		XXXXXX
EC	06770	104	1966	12	25	12:26:12.00			X	-0.610	-83.480	I	44.0	I	31	ISC	4.9	ISC				4.9B	CGS												XXXXXX

Ident	F-E Reg	Date	Time	Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Year Month Day	Hour Minute Second Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomap	Dias Geos	Tsun	Noon Cbas
EC	06780	107	1967 01 03	04:55:57.50X	-1.260	-77.680	I	193.0I	39	ISC	4.3	ISC				4.3B	CGS													XXXXXX
EC	06810	104	1967 01 20	13:03:49.00X	1.100	-85.000	I	76.0I	30	ISC	4.6	ISC				4.6B	CGS													XXXXXX
EC	06820	104	1967 01 21	15:30:43.00X	1.760	-84.900	I	33.0I	19	ISC	4.6	ISC				4.6B	CGS													XXXXXX
EC	06880	107	1967 03 02	02:47:32.50X	-0.160	-78.600	I	122.0I	203	ISC	5.8	ISC	5.0		BRK	5.8B	CGS						•	4K	OAE					XXXXXX
EC	06890	107	1967 03 05	10:13:30.40X	-1.490	-77.690	I	221.0I	12	ISC	3.7	ISC				3.7B	CGS													XXXXXX
EC	06900	107	1967 03 07	15:30:27.30X	-1.480	-78.030	I	169.0I	20	ISC	4.1	ISC				4.2B	CGS													XXXXXX
EC	06940	107	1967 04 02	11:42:43.70X	-1.372	-79.380	I	143.0I	5	CGS	3.9	CGS																		XXXXXX
EC	06970	696	1967 04 14	04:38:35.00X	0.200	-90.100	I	26.0I	23	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	06980	696	1967 04 14	04:41:46.00X	0.900	-91.000	I	23.0I	35	ISC	4.5	ISC				4.6B	CGS													XXXXVX
EC	06990	105	1967 04 18	09:48:49.10X	-1.280	-80.960	I	43.0I	14	ISC	4.3	ISC				4.2B	CGS													XXXXXX
EC	07000	105	1967 04 19	06:26:57.00X	-1.090	-80.930	I	39.0I	27	ISC	4.5	ISC				4.5B	CGS													XXXXXX
EC	07030	105	1967 04 28	17:45:17.00X	-2.880	-79.500	I	82.0I	15	ISC	4.2	ISC				4.3B	CGS													XXXXXX
EC	07050	105	1967 05 10	19:02:36.50X	-3.860	-79.900	I	33.0I	6	ISC	4.0	ISC				4.1B	CGS													XXXXXX
EC	07060	107	1967 05 18	07:48:52.00X	-0.840	-78.560	I	14.0I	32	ISC	4.3	ISC				4.4B	CGS						•	6K	OAE					XXXXXX
EC	07070	107	1967 06 07	11:39:51.30X	-0.990	-78.690	I	40.0I	40	ISC	4.5	ISC				4.4B	CGS													XXXXXX
EC	07120	110	1967 06 21	06:49:58.70X	-2.250	-77.750	I	72.0I	162	ISC	5.4	ISC	6.0H		PAS	5.3B	CGS													XXXXXX
EC	07130	110	1967 06 22	12:06:24.00X	-2.400	-78.200	I	71.0I	12	ISC	4.1	ISC																		XXXXXX
EC	07140	110	1967 06 22	13:49:48.00X	-2.380	-77.620	I	30.0I	40	ISC	4.7	ISC				4.8B	CGS													XXXXXX
EC	07150	110	1967 06 22	20:53:59.00X	-2.330	-77.800	I	36.0I	18	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07160	110	1967 06 23	17:24:47.00X	-2.340	-77.720	I	25.0I	17	ISC	4.1	ISC				3.9B	CGS													XXXXXX
EC	07170	105	1967 06 24	07:16:38.70X	-2.230	-79.900	I	85.0I	15	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07180	107	1967 06 25	05:56:54.00X	-2.300	-77.700	I	52.0I	11	ISC	3.8	ISC				3.9B	CGS													XXXXXX
EC	07190	107	1967 06 26	02:10:32.00X	-2.600	-78.500	I	38.0I	9	ISC	3.8	ISC				3.8B	CGS													XXXXXX
EC	07200	107	1967 07 04	08:46:30.00X	-2.200	-79.700	I	19.0I	6	ISC																				XXXXXX
EC	07210	107	1967 07 13	21:01:37.40X	-1.490	-77.350	I	216.0I	32	ISC	4.4	ISC				4.6B	CGS													XXXXXX
EC	07240	110	1967 07 24	04:35:49.00X	-2.240	-77.500	I	15.0I	18	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07250	107	1967 07 29	09:48:29.00X	-1.040	-78.600	I	3.0I	12	ISC	4.0	ISC				4.0B	CGS													XXXXXX
EC	07260	104	1967 08 12	01:33:03.00X	1.390	-82.600	I	84.0I	12	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07290	104	1967 09 14	14:16:10.00X	1.840	-84.930	I	71.0I	49	ISC	4.7	ISC	5.0		BRK	4.8B	CGS													XXXXXX
EC	07300	104	1967 09 22	05:04:26.00X	1.700	-85.000	I	54.0I	10	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07310	105	1967 10 01	12:22:48.10X	-2.330	-79.920	I	91.0I	19	ISC	4.4	ISC				4.5B	CGS													XXXXXX
EC	07330	107	1967 10 06	14:45:20.80X	-1.490	-77.990	I	177.0I	20	ISC	4.2	ISC				4.1B	CGS													XXXXXX
EC	07340	107	1967 10 14	01:07:15.00X	-1.110	-80.400	I	82.0I	11	ISC	4.4	ISC																		XXXXXX
EC	07370	107	1967 10 22	06:39:05.30X	-0.720	-78.700	I	33.0I	12	ISC	3.9	ISC																		XXXXXX
EC	07380	105	1967 10 24	15:17:51.30X	-2.480	-79.060	I	101.0I	49	ISC	4.5	ISC				5.5B	CGS													XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomap	Dist Geos	Tsun Obs	Nonn Cas
EC	07390	107	1967	10	30	02:52:06.40			X	-0.590	-78.500	I	33.0	I	30	ISC	4.5	ISC																			
EC	07400	110	1967	11	04	16:26:48.00			X	-2.730	-77.690	I	94.0	I	244	ISC	5.7	ISC	5.7		BRK	6.0B	MOS		6.0B	CGS										XXXXXX
EC	07420	105	1967	11	15	18:37:32.00			X	-1.960	-80.960	I	40.0	I	48	ISC	4.6	ISC				4.7B	CGS													XXXXXX
EC	07440	107	1967	11	19	06:58:54.60			X	-1.110	-78.370	I	6.0	I	27	ISC	4.4	ISC				4.2B	CGS													XXXXXX
EC	07520	107	1968	01	15	08:18:11.40			X	-2.250	-78.670	I	122.0	I	13	ISC	4.1	ISC				4.0B	CGS													XXXXXX
EC	07530	105	1968	02	23	09:10:05.00			X	0.200	-80.000	I	132.0	I	12	ISC	3.8	ISC																		XXXXXX
EC	07540	110	1968	03	03	16:16:30.80			X	-2.520	-76.880	I	162.0	I	32	ISC	4.3	ISC				4.3B	CGS													XXXXXX
EC	07550	110	1968	03	08	04:08:37.60			X	-2.080	-76.940	I	176.0	I	13	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07600	107	1968	03	21	21:24:49.00			X	-1.130	-78.900	I	32.0	I	20	ISC	4.3	ISC				4.2B	CGS													XXXXXX
EC	07605	076	1968	03	25	17:52:48.20			X	2.200	-85.100	I	33.0	I	13	CGS	4.7	CGS																		XXXXXX
EC	07615	076	1968	04	01	04:41:21.00			X	2.200	-84.500	I	33.0	I	24	CGS	4.6	CGS																		XXXXXX
EC	07620	105	1968	04	04	02:46:16.10			X	-2.520	-78.990	I	100.0	I	19	ISC	4.1	ISC				4.0B	CGS													XXXXXX
EC	07680	105	1968	04	23	13:48:43.00			X	-1.010	-80.400	I	78.0	I	27	ISC	4.3	ISC				4.3B	CGS													XXXXXX
EC	07690	105	1968	04	24	02:54:20.40			X	-1.030	-80.320	I	59.0	I	17	ISC	4.3	ISC				3.9B	CGS													XXXXXX
EC	07700	110	1968	04	29	22:26:54.70			X	-2.540	-77.270	I	133.0	I	64	ISC	4.8	ISC				4.7B	CGS													XXXXXX
EC	07730	104	1968	05	14	16:33:30.00			X	0.700	-81.000	I	33.0	I	5	ISC	3.9	ISC																		XXXXXX
EC	07740	696	1968	05	15	02:29:35.00			X	1.510	-90.600	I	77.0	I	30	ISC	4.4	ISC				4.5B	CGS													XXXXVX
EC	07780	105	1968	05	27	21:32:05.00			X	0.310	-80.900	I	18.0	I	8	ISC	4.1	ISC				4.2B	CGS													XXXXXX
EC	07790	105	1968	05	27	22:49:20.00			X	0.260	-80.990	I	12.0	I	11	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07800	696	1968	06	05	04:09:50.70			X	-0.100	-91.400	I	33.0	I		ISC	4.5	ISC				4.6B	CGS													XXXXVX
EC	07810	105	1968	06	05	13:42:19.50			X	0.900	-80.400	I	33.0	I	9	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	07820	697	1968	06	07	04:48:01.00			X	-1.100	-91.800	I	33.0	I	8	ISC	4.3	ISC																		XXXXVX
EC	07850	105	1968	06	11	14:41:21.00			X	-3.150	-79.900	I	141.0	I	8	ISC	3.8	ISC				3.7B	CGS													XXXXXX
EC	07860	697	1968	06	12	05:42:55.00			X	-1.700	-91.400	I	33.0	I	12	ISC	4.3	ISC																		XXXXVX
EC	07870	697	1968	06	12	06:59:44.00			X	-0.200	-91.700	I	45.0	I	18	ISC	4.2	ISC				4.2B	CGS													XXXXVX
EC	07880	696	1968	06	12	08:02:40.00			X	0.200	-91.400	I	119.0	I	18	ISC	4.3	ISC																		XXXXVX
EC	07890	697	1968	06	12	18:17:51.00			X	-0.400	-91.500	I	180.0	I	30	ISC	4.3	ISC				4.7B	CGS													XXXXVX
EC	07900	697	1968	06	12	22:21:19.00			X	-0.300	-91.400	I	69.0	I	46	ISC	4.7	ISC				4.8B	CGS													XXXXVX
EC	07910	697	1968	06	13	04:48:24.00			X	-0.100	-91.600	I	33.0	I	25	ISC	4.4	ISC				4.9B	CGS													XXXXVX
EC	07920	697	1968	06	13	04:56:22.30			X	-0.560	-91.600	I	33.0	I	14	ISC	4.4	ISC				4.5B	CGS													XXXXVX
EC	07930	697	1968	06	13	07:33:51.00			X	-0.310	-91.500	I	37.0	I	92	ISC	5.4	ISC				5.3B	CGS													XXXXVX
EC	07940	697	1968	06	13	15:44:58.00			X	-0.340	-91.300	I	78.0	I	51	ISC	5.0	ISC	5.4H		CGS	4.8B	CGS													XXXXVX
EC	07950	697	1968	06	13	21:39:16.04			X	-0.200	-91.500	I	65.0	I	49	ISC	4.9	ISC	5.3		BRK	4.7B	CGS													XXXXVX
EC	07960	697	1968	06	14	04:09:09.90			X	-0.200	-91.700	I	31.0	I	71	ISC	4.9	ISC				4.6B	CGS													XXXXVX
EC	07970	697	1968	06	14	10:40:00.00			X	-0.400	-91.800	I	36.0	I	70	ISC	5.0	ISC	5.5		BRK	4.7B	CGS													XXXXVX

Ident		F-E	Date			Time				Location			Depth		Num	Hyp	mb		MS			Other Magnitudes						Foc	Intensity				Assoc		
Country	Number	Reg Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual	Sta	Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Mec Source	Data	Max Int	Source	Isomap	Phenom Dias	Tsun Geos	Obs Cas
EC	07980	697	1968	06	14	16:23:45.50	X			-0.350	-91.550	I	33.0	I	75	ISC	5.1	ISC	5.7	BRK		4.9	B	CGS											XXXXVX
EC	07990	697	1968	06	14	21:27:14.70	X			-0.200	-91.860	I	33.0	I	10	ISC	4.2	ISC																	XXXXVX
EC	08000	697	1968	06	14	22:27:44.10	X			-0.390	-91.410	I	21.0	I	84	ISC	5.4	ISC	5.9	BRK		5.2	B	CGS											XXXXVX
EC	08010	697	1968	06	15	01:42:36.80	X			-0.540	-91.800	I	33.0	I	10	ISC	4.5	ISC				4.6	B	CGS											XXXXVX
EC	08020	697	1968	06	15	04:20:03.00	X			-0.360	-91.440	I	33.0	I	77	ISC	5.4	ISC				5.4	B	CGS											XXXXVX
EC	08030	697	1968	06	15	08:50:52.00	X			-0.300	-91.500	I	108.0	I	48	ISC	4.4	ISC	4.6	H	CGS	4.7	B	CGS											XXXXVX
EC	08050	697	1968	06	15	13:14:41.00	X			-0.300	-91.400	I	59.0	I	75	ISC	5.2	ISC				5.2	B	CGS											XXXXVX
EC	08060	696	1968	06	15	16:35:09.00	X			1.700	-94.100	I	33.0	I	9	ISC	4.5	ISC				4.6	B	CGS											XXXXVX
EC	08070	697	1968	06	15	16:56:18.30	X			-0.720	-92.000	I	33.0	I	14	ISC	4.4	ISC				4.4	B	CGS											XXXXVX
EC	08080	697	1968	06	15	17:40:16.00	X			-0.270	-91.600	I	17.0	I	73	ISC	5.3	ISC	5.2	H	CGS	5.0	B	CGS											XXXXVX
EC	08100	697	1968	06	15	21:24:57.00	X			-0.300	-91.700	I	2.0	I	73	ISC	5.2	ISC				5.2	B	CGS											XXXXVX
EC	08110	697	1968	06	16	00:31:04.30	X			-0.360	-91.600	I	30.0	I	72	ISC	5.1	ISC				5.0	B	CGS											XXXXVX
EC	08120	697	1968	06	16	02:48:12.00	X			-0.400	-91.700	I	33.0	I	14	ISC	4.6	ISC				4.7	B	CGS											XXXXVX
EC	08130	697	1968	06	16	03:47:04.00	X			-0.310	-91.420	I	4.0	I	73	ISC	5.0	ISC	5.2	H	CGS	4.9	B	CGS											XXXXVX
EC	08140	696	1968	06	16	06:31:38.60	X			0.000	-91.200	I	33.0	I	11	ISC	4.2	ISC				4.2	B	CGS											XXXXVX
EC	08150	696	1968	06	16	06:47:14.00	X			0.000	-91.300	I	33.0	I	11	ISC	4.2	ISC				4.3	B	CGS											XXXXVX
EC	08160	697	1968	06	16	06:57:14.00	X			-0.100	-91.400	I	33.0	I	11	ISC	4.2	ISC				4.2	B	CGS											XXXXVX
EC	08170	697	1968	06	16	07:13:17.60	X			-0.200	-91.490	I	33.0	I	65	ISC	5.1	ISC	5.5	H	CGS	4.9	B	CGS											XXXXVX
EC	08180	697	1968	06	16	09:20:14.00	X			-1.200	-91.670	I	33.0	I	10	ISC	4.5	ISC																	XXXXVX
EC	08190	697	1968	06	16	10:12:15.50	X			-0.300	-91.400	I	32.0	I	68	ISC	4.9	ISC	5.2	H	CGS	4.6	B	CGS											XXXXVX
EC	08200	697	1968	06	16	12:17:14.00	X			-0.600	-91.300	I	33.0	I	13	ISC	4.4	ISC				4.4	B	CGS											XXXXVX
EC	08205	697	1968	06	15	12:59:57.60	X			-0.280	-91.739	I	33.0	I	18	CGS	4.7	CGS																	XXXXXX
EC	08210	697	1968	06	16	13:00:03.00	X			-0.600	-92.700	I	48.0	I	61	ISC	4.7	ISC				4.7	B	CGS											XXXXVX
EC	08220	697	1968	06	16	15:16:54.60	X			-0.440	-91.480	I	33.0	I	39	ISC	4.5	ISC				4.6	B	CGS											XXXXVX
EC	08230	697	1968	06	16	16:20:17.50	X			-0.200	-91.450	I	33.0	I	72	ISC	5.1	ISC				4.7	B	CGS											XXXXVX
EC	08240	697	1968	06	16	18:45:15.00	X			-0.280	-91.400	I	24.0	I	64	ISC	5.0	ISC				4.7	B	CGS											XXXXVX
EC	08250	697	1968	06	16	20:51:45.10	X			-0.400	-91.600	I	33.0	I	62	ISC	5.0	ISC				4.8	B	CGS											XXXXVX
EC	08260	697	1968	06	16	22:44:37.00	X			-0.300	-91.400	I	42.0	I	20	ISC	4.3	ISC				4.4	B	CGS											XXXXVX
EC	08270	697	1968	06	16	23:10:41.00	X			-0.400	-91.800	I	33.0	I	67	ISC	4.9	ISC				4.6	B	CGS											XXXXVX
EC	08280	697	1968	06	17	01:07:40.00	X			-0.400	-91.700	I	9.0	I	49	ISC	4.7	ISC	5.6	H	CGS	4.7	B	CGS											XXXXVX
EC	08290	697	1968	06	17	02:14:51.40	X			-0.500	-91.710	I	33.0	I	23	ISC	4.8	ISC	4.6	H	CGS	4.7	B	CGS											XXXXVX
EC	08300	107	1968	06	17	03:08:22.00	X			-2.900	-79.200	I	105.0	I	13	ISC	4.1	ISC																	XXXXXX
EC	08310	697	1968	06	17	04:28:22.60	X			-0.260	-91.470	I	33.0	I	68	ISC	4.9	ISC				4.5	B	CGS											XXXXVX
EC	08320	697	1968	06	17	05:26:37.20	X			-0.100	-91.400	I	33.0	I	26	ISC	4.6	ISC				4.6	B	CGS											XXXXVX
EC	08330	697	1968	06	17	06:06:44.00	X			-0.300	-91.400	I	33.0	I	23	ISC	4.3	ISC				4.2	B	CGS											XXXXVX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomop	Dias Geos	Tsun Obs	Nonn Cas
EC	08350	697	1968	06	17	06:45:38.80X				-0.140	-91.440	I	33.0I		44	ISC	4.5	ISC				4.6B	CGS											XXXXVX		
EC	08360	697	1968	06	17	08:09:02.00X				-0.460	-91.460	I	33.0I		26	ISC	4.6	ISC				4.8B	CGS											XXXXVX		
EC	08370	697	1968	06	17	08:51:23.00X				-0.150	-91.200	I	119.0I		65	ISC	4.8	ISC				5.0B	CGS											XXXXVX		
EC	08380	697	1968	06	17	10:34:14.50X				-0.500	-91.670	I	33.0I		65	ISC	4.8	ISC				4.8B	CGS											XXXXVX		
EC	08390	697	1968	06	17	12:30:28.80X				-0.500	-91.400	I	36.0I		37	ISC	4.5	ISC				4.6B	CGS											XXXXVX		
EC	08400	697	1968	06	17	13:49:48.00X				-0.200	-91.300	I	98.0I		21	ISC	4.6	ISC				4.7B	CGS											XXXXVX		
EC	08410	697	1968	06	17	14:16:49.00X				-0.140	-91.400	I	118.0I		22	ISC	4.6	ISC				4.7B	CGS											XXXXVX		
EC	08420	697	1968	06	17	14:30:50.60X				-0.200	-91.100	I	33.0I		7	ISC	4.3	ISC				4.3B	CGS											XXXXVX		
EC	08430	697	1968	06	17	14:54:42.00X				-0.300	-91.500	I	31.0I		68	ISC	5.1	ISC				4.9B	CGS											XXXXVX		
EC	08440	697	1968	06	17	16:35:30.00X				-0.500	-91.400	I	45.0I		27	ISC	4.4	ISC				4.5B	CGS											XXXXVX		
EC	08450	697	1968	06	17	16:56:25.00X				-0.100	-91.300	I	120.0I		23	ISC	4.4	ISC				4.6B	CGS											XXXXVX		
EC	08460	697	1968	06	17	17:17:08.20X				-0.200	-91.400	I	33.0I		27	ISC	4.4	ISC				4.4B	CGS											XXXXVX		
EC	08470	697	1968	06	17	17:37:03.00X				-0.410	-91.580	I	58.0I		63	ISC	5.1	ISC				5.1B	CGS											XXXXVX		
EC	08480	697	1968	06	17	18:59:41.00X				-0.300	-91.500	I	33.0I		24	ISC	4.4	ISC				4.5B	CGS											XXXXVX		
EC	08490	697	1968	06	17	19:23:40.00X				-0.300	-91.400	I	33.0I		15	ISC	4.6	ISC				4.6B	CGS											XXXXVX		
EC	08500	697	1968	06	17	19:51:20.00X				-0.100	-91.500	I	80.0I		48	ISC	4.6	ISC				4.8B	CGS											XXXXVX		
EC	08510	697	1968	06	17	21:08:02.60X				-0.600	-91.320	I	33.0I		27	ISC	4.4	ISC				4.5B	CGS											XXXXVX		
EC	08520	697	1968	06	17	21:17:00.00X				-0.200	-91.100	I	148.0I		21	ISC	4.9	ISC				4.6B	CGS											XXXXVX		
EC	08530	697	1968	06	17	21:37:27.00X				-0.600	-91.500	I	53.0I		23	ISC	4.5	ISC				4.4B	CGS											XXXXVX		
EC	08540	697	1968	06	17	22:05:42.20X				-0.500	-91.380	I	33.0I		67	ISC	4.8	ISC	5.5H		CGS	4.6B	CGS											XXXXVX		
EC	08550	697	1968	06	17	23:07:28.00X				0.200	-91.200	I	221.0I		18	ISC	3.9	ISC				4.4B	CGS											XXXXVX		
EC	08560	697	1968	06	17	23:32:48.00X				-0.600	-91.700	I	33.0I		21	ISC	4.3	ISC				4.4B	CGS											XXXXVX		
EC	08570	697	1968	06	17	23:43:23.60X				-0.100	-91.000	I	33.0I		6	ISC	4.0	ISC				4.1B	CGS											XXXXVX		
EC	08580	697	1968	06	18	00:08:45.00X				-0.400	-91.600	I	15.0I		59	ISC	4.9	ISC				4.8B	CGS											XXXXVX		
EC	08590	697	1968	06	18	01:10:16.60X				-0.600	-91.500	I	11.0I		24	ISC	4.3	ISC				4.3B	CGS											XXXXVX		
EC	08600	697	1968	06	18	01:37:03.00X				0.000	-91.100	I	116.0I		43	ISC	4.5	ISC				4.7B	CGS											XXXXVX		
EC	08610	697	1968	06	18	01:55:10.00X				-0.300	-91.500	I	6.0I		23	ISC	4.4	ISC				4.4B	CGS											XXXXVX		
EC	08620	697	1968	06	18	02:22:47.00X				-0.200	-91.510	I	47.0I		80	ISC	5.0	ISC	5.6H		CGS	4.7B	CGS											XXXXVX		
EC	08630	697	1968	06	18	03:24:56.00X				-0.600	-91.400	I	33.0I		8	ISC	4.1	ISC				4.2B	CGS											XXXXVX		
EC	08640	697	1968	06	18	03:53:02.00X				-0.400	-91.500	I	37.0I		66	ISC	4.7	ISC				4.6B	CGS											XXXXVX		
EC	08650	697	1968	06	18	04:42:21.70X				-1.000	-91.100	I	33.0I		17	ISC	4.3	ISC				4.3B	CGS											XXXXVX		
EC	08660	697	1968	06	18	05:04:38.00X				-0.200	-91.400	I	33.0I		31	ISC	4.4	ISC				4.5B	CGS											XXXXVX		
EC	08670	697	1968	06	18	05:27:10.00X				-0.200	-91.700	I	13.0I		58	ISC	4.6	ISC				4.5B	CGS											XXXXVX		
EC	08680	697	1968	06	18	06:26:02.00X				-1.000	-91.400	I	61.0I		37	ISC	4.5	ISC				4.6B	CGS											XXXXVX		
EC	08690	697	1968	06	18	06:59:30.00X				-0.700	-91.800	I	28.0I		28	ISC	4.4	ISC				4.5B	CGS											XXXXVX		

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomap	Dius	Tsun	Nobas
																																		Geos		
EC	08700	697	1968	06	18	07:13:03.00X				-0.300	-91.600	I	62.0I		70	ISC	4.9	ISC				4.8B	CGS													XXXXVX
EC	08710	697	1968	06	18	08:05:08.00X				-0.200	-91.500	I	33.0I		17	ISC	4.2	ISC				4.3B	CGS													XXXXVX
EC	08720	697	1968	06	18	08:31:21.00X				-0.300	-91.400	I	76.0I		19	ISC	4.2	ISC				4.2B	CGS													XXXXVX
EC	08730	697	1968	06	18	08:56:10.10X				-0.400	-91.700	I	33.0I		48	ISC	4.7	ISC				4.7B	CGS													XXXXVX
EC	08740	697	1968	06	18	09:36:06.00X				-0.800	-91.300	I	20.0I		27	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	08750	697	1968	06	18	09:59:06.40X				-0.200	-91.300	I	33.0I		25	ISC	4.4	ISC				4.2B	CGS													XXXXVX
EC	08760	697	1968	06	18	10:04:48.00X				-0.400	-91.000	I	33.0I		18	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	08770	697	1968	06	18	10:30:18.00X				-0.300	-91.600	I	60.0I		68	ISC	4.9	ISC	5.5H	CGS		4.7B	CGS													XXXXVX
EC	08780	697	1968	06	18	11:34:33.00X				-0.500	-91.610	I	33.0I		22	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	08790	697	1968	06	18	11:53:38.00X				-0.100	-91.100	I	104.0I		29	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	08800	697	1968	06	18	12:08:02.90X				-0.200	-91.100	I	33.0I		20	ISC	4.4	ISC				4.4B	CGS													XXXXVX
EC	08810	697	1968	06	18	12:27:37.30X				-0.500	-91.500	I	33.0I		66	ISC	4.7	ISC				4.7B	CGS													XXXXVX
EC	08820	697	1968	06	18	13:07:45.00X				-0.500	-91.200	I	33.0I		20	ISC	4.4	ISC				4.5B	CGS													XXXXVX
EC	08830	697	1968	06	18	13:33:15.00X				-0.600	-91.600	I	33.0I		21	ISC	4.4	ISC				4.5B	CGS													XXXXVX
EC	08840	697	1968	06	18	13:51:36.00X				0.100	-91.000	I	127.0I		24	ISC	4.5	ISC				4.7B	CGS													XXXXVX
EC	08850	697	1968	06	18	14:06:16.70X				-0.500	-91.640	I	18.0I		42	ISC	4.7	ISC				4.8B	CGS													XXXXVX
EC	08860	697	1968	06	18	14:42:34.00X				-0.300	-91.500	I	35.0I		52	ISC	4.2	ISC				5.0B	CGS													XXXXVX
EC	08870	697	1968	06	18	15:26:36.20X				-0.380	-91.320	I	33.0I		21	ISC	4.4	ISC				4.4B	CGS													XXXXVX
EC	08880	697	1968	06	18	15:43:30.50X				-0.560	-91.770	I	33.0I		16	ISC	4.4	ISC				4.5B	CGS													XXXXVX
EC	08890	697	1968	06	18	16:17:17.10X				-0.500	-91.620	I	33.0I		51	ISC	4.9	ISC				4.9B	CGS													XXXXVX
EC	08900	697	1968	06	18	16:53:48.00X				-1.000	-91.600	I	33.0I		14	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	08910	697	1968	06	18	17:17:52.00X				-0.500	-91.600	I	33.0I		14	ISC	4.4	ISC																		XXXXVX
EC	08920	697	1968	06	18	17:36:31.00X				0.000	-91.200	I	157.0I		39	ISC	4.5	ISC				4.8B	CGS													XXXXVX
EC	08930	697	1968	06	18	18:02:50.00X				-0.400	-91.600	I	74.0I		42	ISC	4.6	ISC				4.8B	CGS													XXXXVX
EC	08940	697	1968	06	18	18:24:49.70X				-0.200	-91.100	I	33.0I		9	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	08950	697	1968	06	18	18:44:18.00X				-1.100	-91.300	I	30.0I		50	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	08960	697	1968	06	18	18:58:14.00X				-0.100	-91.300	I	140.0I		54	ISC	4.6	ISC				4.9B	CGS													XXXXVX
EC	08970	697	1968	06	18	19:27:30.50X				-0.030	-91.380	I	33.0I		19	ISC	4.5	ISC				4.6B	CGS													XXXXVX
EC	08980	697	1968	06	18	20:03:17.30X				0.040	-91.720	I	33.0I		7	ISC	4.5	ISC				4.4B	CGS													XXXXVX
EC	08990	697	1968	06	18	20:11:02.00X				-0.300	-91.500	I	37.0I		47	ISC	4.7	ISC				4.7B	CGS													XXXXVX
EC	09000	697	1968	06	18	21:17:50.00X				-0.400	-91.500	I	33.0I		32	ISC	4.6	ISC				4.6B	CGS													XXXXVX
EC	09020	697	1968	06	18	21:48:55.00X				-0.300	-91.600	I	83.0I		55	ISC	4.9	ISC				5.0B	CGS													XXXXVX
EC	09030	697	1968	06	18	22:23:34.00X				-0.800	-91.600	I	33.0I		15	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	09040	697	1968	06	18	22:41:09.60X				-0.200	-91.610	I	33.0I		15	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	09050	697	1968	06	18	23:07:04.00X				-0.470	-91.390	I	35.0I		32	ISC	4.4	ISC				4.5B	CGS													XXXXVX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tsun Obs	Non Caus
EC	09060	697	1968	06	18	23:21:51.90	X			-0.400	-91.500	I	33.0	I	19	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09070	697	1968	06	18	23:37:49.00	X			-0.400	-91.400	I	164.0	I	51	ISC	4.6	ISC				4.5	B	CGS												XXXXVX
EC	09080	697	1968	06	19	00:23:12.00	X			-0.700	-91.200	I	186.0	I	18	ISC	4.2	ISC				4.4	B	CGS												XXXXVX
EC	09090	697	1968	06	19	00:39:53.60	X			-0.800	-91.900	I	33.0	I	18	ISC	4.5	ISC				4.6	B	CGS												XXXXVX
EC	09100	697	1968	06	19	00:50:29.80	X			-0.800	-91.500	I	33.0	I	13	ISC	4.1	ISC				4.2	B	CGS												XXXXVX
EC	09110	697	1968	06	19	01:10:40.00	X			-0.500	-91.700	I	134.0	I	56	ISC	4.8	ISC				4.8	B	CGS												XXXXVX
EC	09120	697	1968	06	19	02:17:16.00	X			-0.100	-91.100	I	33.0	I	28	ISC	4.6	ISC				4.6	B	CGS												XXXXVX
EC	09130	697	1968	06	19	02:27:13.00	X			-0.300	-91.400	I	19.0	I	52	ISC	4.9	ISC				4.7	B	CGS												XXXXVX
EC	09140	697	1968	06	19	03:12:30.00	X			-0.100	-91.300	I	33.0	I	30	ISC	4.5	ISC				4.6	B	CGS												XXXXVX
EC	09150	697	1968	06	19	03:30:34.40	X			-0.880	-91.510	I	33.0	I	14	ISC	4.5	ISC				4.5	B	CGS												XXXXVX
EC	09160	697	1968	06	19	03:41:45.00	X			-1.000	-92.500	I	33.0	I	14	ISC	4.4	ISC				4.5	B	CGS												XXXXVX
EC	09170	697	1968	06	19	04:05:39.00	X			-0.400	-91.600	I	32.0	I	59	ISC	5.0	ISC				4.7	B	CGS												XXXXVX
EC	09180	697	1968	06	19	04:38:36.60	X			-0.500	-91.500	I	33.0	I	15	ISC	4.2	ISC				4.2	B	CGS												XXXXVX
EC	09190	697	1968	06	19	05:08:12.80	X			-0.300	-91.100	I	33.0	I	36	ISC	4.6	ISC				4.7	B	CGS												XXXXVX
EC	09200	697	1968	06	19	05:20:52.00	X			-0.120	-91.500	I	158.0	I	17	ISC	4.3	ISC				4.5	B	CGS												XXXXVX
EC	09210	697	1968	06	19	05:28:57.60	X			-0.700	-91.560	I	33.0	I	13	ISC	4.3	ISC				4.3	B	CGS												XXXXVX
EC	09220	697	1968	06	19	05:47:48.00	X			-0.490	-91.700	I	90.0	I	56	ISC	5.0	ISC				5.1	B	CGS												XXXXVX
EC	09230	697	1968	06	19	06:15:26.80	X			-0.290	-91.480	I	33.0	I	21	ISC	4.4	ISC				4.5	B	CGS												XXXXVX
EC	09240	697	1968	06	19	06:46:14.00	X			-0.210	-91.300	I	94.0	I	29	ISC	4.6	ISC				4.7	B	CGS												XXXXVX
EC	09250	697	1968	06	19	06:58:04.30	X			-0.230	-91.340	I	33.0	I	19	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09260	697	1968	06	19	07:30:31.00	X			-0.460	-91.640	I	72.0	I	52	ISC	4.8	ISC				4.9	B	CGS												XXXXVX
EC	09270	697	1968	06	19	08:11:48.50	X			-0.400	-91.770	I	33.0	I	21	ISC	4.6	ISC				4.7	B	CGS												XXXXVX
EC	09380	696	1968	06	19	09:16:21.00	X			0.400	-91.000	I	33.0	I	21	ISC	4.9	ISC																		XXXXVX
EC	09430	697	1968	06	19	09:58:19.60	X			-0.200	-91.200	I	33.0	I	19	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09440	697	1968	06	19	10:17:55.30	X			-0.100	-90.800	I	33.0	I	13	ISC	4.2	ISC				4.3	B	CGS												XXXXVX
EC	09460	697	1968	06	19	10:27:00.10	X			-0.100	-91.000	I	33.0	I	18	ISC	4.5	ISC				4.5	B	CGS												XXXXVX
EC	09480	697	1968	06	19	10:47:20.00	X			-0.400	-91.400	I	92.0	I	37	ISC	4.4	ISC				4.6	B	CGS												XXXXVX
EC	09510	697	1968	06	19	11:26:25.00	X			-0.600	-91.300	I	33.0	I	16	ISC	4.2	ISC				4.2	B	CGS												XXXXVX
EC	09520	697	1968	06	19	11:48:34.00	X			0.000	-91.200	I	131.0	I	21	ISC	4.1	ISC				4.3	B	CGS												XXXXVX
EC	09530	697	1968	06	19	11:53:42.00	X			0.500	-92.000	I	33.0	I	15	ISC	4.2	ISC																		XXXXVX
EC	09540	697	1968	06	19	12:01:36.00	X			-0.700	-91.500	I	33.0	I	8	ISC	4.1	ISC				4.2	B	CGS												XXXXVX
EC	09550	697	1968	06	19	12:17:14.00	X			-0.600	-92.100	I	33.0	I	17	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09560	697	1968	06	19	12:36:51.00	X			-0.200	-91.600	I	78.0	I	46	ISC	4.6	ISC				4.6	B	CGS												XXXXVX
EC	09590	697	1968	06	19	13:10:11.40	X			-0.200	-91.550	I	33.0	I	16	ISC	4.2	ISC				4.2	B	CGS												XXXXVX
EC	09600	697	1968	06	19	13:27:49.00	X			-0.600	-91.500	I	33.0	I	9	ISC	4.2	ISC				4.2	B	CGS												XXXXVX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias	Tsun	Nons
EC	09610	697	1968	06	19	13:44:42.00	X			-0.500	-91.500	I	99.0	I	40	ISC	4.6	ISC				4.6	B	CGS												XXXXVX
EC	09620	697	1968	06	19	13:56:14.80	X			-0.400	-91.100	I	33.0	I	17	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09650	697	1968	06	19	14:22:51.00	X			-0.030	-90.720	I	33.0	I	12	ISC	4.3	ISC				4.4	B	CGS												XXXXVX
EC	09660	697	1968	06	19	14:34:55.30	X			0.100	-90.700	I	33.0	I	16	ISC	4.3	ISC				4.3	B	CGS												XXXXVX
EC	09670	697	1968	06	19	14:53:36.00	X			-0.600	-91.700	I	33.0	I	21	ISC	4.4	ISC																		XXXXVX
EC	09680	697	1968	06	19	15:06:01.00	X			0.190	-90.910	I	155.0	I	47	ISC	4.8	ISC				5.1	B	CGS												XXXXVX
EC	09690	697	1968	06	19	15:35:19.80	X			0.000	-91.900	I	33.0	I	12	ISC	4.3	ISC				4.3	B	CGS												XXXXVX
EC	09700	697	1968	06	19	15:48:50.10	X			0.000	-91.600	I	33.0	I	10	ISC	4.3	ISC				4.3	B	CGS												XXXXVX
EC	09710	697	1968	06	19	16:17:10.00	X			-0.500	-91.500	I	93.0	I	22	ISC	4.7	ISC				4.8	B	CGS												XXXXVX
EC	09720	697	1968	06	19	16:28:05.00	X			-0.700	-91.400	I	33.0	I	15	ISC	4.3	ISC				4.4	B	CGS												XXXXVX
EC	09730	697	1968	06	19	16:47:46.00	X			-0.100	-91.700	I	71.0	I	47	ISC	4.7	ISC				4.7	B	CGS												XXXXVX
EC	09770	697	1968	06	19	17:23:45.00	X			-0.900	-91.100	I	33.0	I	17	ISC	4.7	ISC				4.8	B	CGS												XXXXVX
EC	09780	697	1968	06	19	17:56.47.00	X			-0.200	-91.700	I	33.0	I	40	ISC	4.5	ISC				4.5	B	CGS												XXXXVX
EC	09790	697	1968	06	19	18:18:09.40	X			0.060	-90.500	I	33.0	I	17	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09800	697	1968	06	19	18:50:10.00	X			-0.600	-91.400	I	33.0	I	19	ISC	4.6	ISC				4.6	B	CGS												XXXXVX
EC	09810	697	1968	06	19	19:07:16.00	X			-0.800	-90.900	I	33.0	I	17	ISC	4.4	ISC				4.5	B	CGS												XXXXVX
EC	09820	697	1968	06	19	19:19:30.00	X			-0.380	-91.730	I	33.0	I	51	ISC	4.8	ISC				4.8	B	CGS												XXXXVX
EC	09830	697	1968	06	19	19:51:16.90	X			-0.100	-91.300	I	33.0	I	12	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09840	697	1968	06	19	20:16:24.30	X			-0.151	-91.117	I	33.0	I	12	CGS	4.5	CGS																		XXXXVX
EC	09850	697	1968	06	19	20:39:07.00	X			-0.300	-91.300	I	33.0	I	36	ISC	4.5	ISC				4.6	B	CGS												XXXXVX
EC	09860	697	1968	06	19	21:16:32.00	X			-0.700	-91.600	I	17.0	I	33	ISC	4.5	ISC				4.5	B	CGS												XXXXVX
EC	09880	697	1968	06	19	21:36:01.00	X			-0.700	-91.600	I	33.0	I	15	ISC	4.3	ISC																		XXXXVX
EC	09890	697	1968	06	19	22:01:16.00	X			1.000	-91.500	I	33.0	I	10	ISC	4.3	ISC				4.4	B	CGS												XXXXVX
EC	09900	697	1968	06	19	22:11:20.20	X			-0.402	-91.293	I	33.0	I	17	CGS	4.9	CGS																		XXXXVX
EC	09910	697	1968	06	19	22:21:17.60	X			-0.600	-91.400	I	33.0	I	11	ISC	4.4	ISC				4.4	B	CGS												XXXXVX
EC	09920	697	1968	06	19	22:40:13.00	X			0.290	-90.500	I	33.0	I	14	ISC	4.4	ISC				4.3	B	CGS												XXXXVX
EC	09930	697	1968	06	19	22:55:52.20	X			-0.500	-91.800	I	33.0	I	12	ISC	4.2	ISC				4.3	B	CGS												XXXXVX
EC	09940	697	1968	06	19	23:05:40.00	X			-1.800	-91.100	I	70.0	I	13	ISC	4.3	ISC																		XXXXVX
EC	09950	697	1968	06	19	23:32:01.00	X			-0.080	-91.380	I	93.0	I	50	ISC	4.7	ISC	4.4	H	CGS	4.9	B	CGS												XXXXVX
EC	09970	697	1968	06	20	00:08:45.70	X			-0.326	-91.359	I	33.0	I	7	CGS	4.3	CGS																		XXXXVX
EC	10000	697	1968	06	20	00:37:21.50	X			-0.430	-91.590	I	33.0	I	27	ISC	4.6	ISC				4.6	B	CGS												XXXXVX
EC	10010	697	1968	06	20	00:42:43.90	X			0.210	-90.300	I	33.0	I	12	ISC	4.3	ISC				4.3	B	CGS												XXXXVX
EC	10030	697	1968	06	20	01:01:42.60	X			-0.300	-91.400	I	33.0	I	15	ISC	4.3	ISC				4.3	B	CGS												XXXXVX
EC	10040	697	1968	06	20	01:11:09.10	X			-0.700	-91.100	I	33.0	I	9	ISC	4.2	ISC				4.4	B	CGS												XXXXVX
EC	10050	697	1968	06	20	01:32:49.00	X			-0.270	-91.390	I	69.0	I	63	ISC	4.8	ISC				4.8	B	CGS												XXXXVX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dist Geos	Tsun Obs	Non Cas
EC	10060	697	1968	06	20	01:48:47.00			X	-0.400	-91.300	I	33.0	I	8	ISC	4.2	ISC							4.1	B	CGS									XXXXVX
EC	10070	697	1968	06	20	02:12:32.30			X	-0.188	-91.099	I	33.0	I	13	CGS	4.5	CGS																		XXXXVX
EC	10080	697	1968	06	20	02:23:33.00			X	0.000	-91.000	I	33.0	I	10	ISC	4.3	ISC							4.3	B	CGS									XXXXVX
EC	10100	697	1968	06	20	02:59:59.00			X	-0.600	-91.360	I	41.0	I	33	ISC	4.9	ISC							4.8	B	CGS									XXXXVX
EC	10105	697	1968	06	20	03:00:00.00			X	-0.282	-91.192	I	33.0	I	19	CGS	4.8	CGS																		XXXXXX
EC	10110	697	1968	06	20	03:14:52.60			X	-0.500	-91.700	I	33.0	I	18	ISC	4.4	ISC							4.4	B	CGS									XXXXVX
EC	10120	697	1968	06	20	04:21:36.80			X	0.300	-90.300	I	33.0	I	13	ISC	4.2	ISC							4.2	B	CGS									XXXXVX
EC	10130	697	1968	06	20	04:55:31.00			X	-0.230	-91.600	I	84.0	I	56	ISC	4.9	ISC	5.5	H	CGS				5.0	B	CGS									XXXXVX
EC	10140	697	1968	06	20	05:21:06.30			X	0.000	-91.000	I	33.0	I	14	ISC	4.3	ISC							4.4	B	CGS									XXXXVX
EC	10150	697	1968	06	20	05:38:26.40			X	1.500	-89.200	I	33.0	I	10	ISC	4.1	ISC							4.2	B	CGS									XXXXVX
EC	10160	697	1968	06	20	05:48:26.80			X	-0.267	-91.237	I	33.0	I	7	CGS	4.2	CGS																		XXXXVX
EC	10170	697	1968	06	20	06:21:52.10			X	-0.500	-91.700	I	33.0	I	30	ISC	4.7	ISC							4.6	B	CGS									XXXXVX
EC	10180	697	1968	06	20	06:26:02.00			X	0.500	-90.400	I	33.0	I	9	ISC	4.3	ISC							4.3	B	CGS									XXXXVX
EC	10190	697	1968	06	20	06:39:15.90			X	0.000	-90.900	I	33.0	I	16	ISC	4.2	ISC							4.3	B	CGS									XXXXVX
EC	10200	697	1968	06	20	06:48:38.60			X	0.000	-90.900	I	33.0	I	13	ISC	4.1	ISC							4.2	B	CGS									XXXXVX
EC	10210	697	1968	06	20	07:04:27.50			X	-0.177	-91.101	I	33.0	I		CGS	4.5	CGS																		XXXXVX
EC	10220	697	1968	06	20	07:14:53.90			X	-0.220	-91.410	I	33.0	I	51	ISC	5.0	ISC							4.8	B	CGS									XXXXVX
EC	10230	697	1968	06	20	07:28:04.70			X	0.100	-91.000	I	33.0	I	13	ISC	4.3	ISC							4.3	B	CGS									XXXXVX
EC	10260	697	1968	06	20	08:33:52.00			X	-0.600	-91.100	I	68.0	I	12	ISC	4.3	ISC																		XXXXVX
EC	10270	697	1968	06	20	08:43:31.60			X	0.100	-90.900	I	33.0	I	8	ISC	4.2	ISC																		XXXXVX
EC	10280	697	1968	06	20	09:11:30.60			X	-0.400	-91.820	I	33.0	I	39	ISC	4.8	ISC							4.7	B	CGS									XXXXVX
EC	10290	697	1968	06	20	09:41:33.90			X	-0.600	-90.900	I	33.0	I	17	ISC	4.4	ISC							4.2	B	CGS									XXXXVX
EC	10300	697	1968	06	20	10:13:08.00			X	-0.600	-91.200	I	33.0	I	13	ISC	4.3	ISC							4.4	B	CGS									XXXXVX
EC	10310	697	1968	06	20	10:21:39.00			X	-1.300	-91.500	I	33.0	I	10	ISC	4.4	ISC																		XXXXVX
EC	10320	697	1968	06	20	10:40:04.00			X	-0.500	-91.500	I	33.0	I	27	ISC	4.4	ISC							4.5	B	CGS									XXXXVX
EC	10330	697	1968	06	20	11:08:35.00			X	-0.500	-91.800	I	33.0	I	45	ISC	4.9	ISC							4.8	B	CGS									XXXXVX
EC	10340	697	1968	06	20	11:46:14.10			X	-0.200	-91.100	I	33.0	I	11	ISC	4.1	ISC							4.2	B	CGS									XXXXVX
EC	10350	697	1968	06	20	12:14:31.00			X	-0.300	-91.700	I	83.0	I	52	ISC	4.6	ISC							4.7	B	CGS									XXXXVX
EC	10360	697	1968	06	20	13:07:31.50			X	0.000	-90.900	I	33.0	I	17	ISC	4.4	ISC																		XXXXVX
EC	10370	697	1968	06	20	13:20:25.00			X	0.100	-90.800	I	33.0	I	13	ISC	4.2	ISC							4.2	B	CGS									XXXXVX
EC	10380	697	1968	06	20	13:50:24.00			X	-0.800	-91.800	I	31.0	I	38	ISC	4.5	ISC							4.5	B	CGS									XXXXVX
EC	10390	697	1968	06	20	14:12:33.90			X	-0.110	-90.900	I	33.0	I	12	ISC	4.3	ISC							4.4	B	CGS									XXXXVX
EC	10400	697	1968	06	20	14:32:45.00			X	0.110	-90.500	I	41.0	I	13	ISC	4.2	ISC							4.2	B	CGS									XXXXVX
EC	10410	697	1968	06	20	15:04:20.20			X	0.000	-91.700	I	33.0	I	19	ISC	4.5	ISC							4.4	B	CGS									XXXXVX
EC	10420	697	1968	06	20	15:16:09.00			X	-0.700	-91.500	I	33.0	I	13	ISC	4.7	ISC							4.3	B	CGS									XXXXVX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dis Geos	Tsun Obs	Non Cas
EC	10440	697	1968	06	20	16:09:12.00X				-0.420	-91.600	I	85.0I		61	ISC	5.2	ISC				5.1B	CGS													
EC	10450	697	1968	06	20	17:16:35.00X				-0.200	-91.000	I	33.0I		8	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	10470	697	1968	06	20	20:36:12.40X				-0.190	-91.610	I	33.0I		50	ISC	4.9	ISC				4.9B	CGS													XXXXVX
EC	10480	697	1968	06	20	20:53:05.40X				0.000	-90.900	I	33.0I		10	ISC	4.4	ISC				4.4B	CGS													XXXXVX
EC	10490	697	1968	06	20	22:01:46.00X				0.200	-90.900	I	33.0I		11	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	10500	697	1968	06	20	22:14:55.20X				-0.300	-91.200	I	33.0I		6	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	10510	697	1968	06	20	23:25:29.00X				-0.300	-91.700	I	36.0I		54	ISC	4.8	ISC				4.6B	CGS													XXXXVX
EC	10530	697	1968	06	21	01:19:37.00X				-0.900	-91.600	I	33.0I		13	ISC	4.1	ISC				4.2B	CGS													XXXXVX
EC	10560	697	1968	06	21	02:31:51.40X				-0.400	-91.600	I	33.0I		49	ISC	4.6	ISC				4.6B	CGS													XXXXVX
EC	10570	697	1968	06	21	03:43:57.00X				-0.600	-91.700	I	33.0I		17	ISC	4.3	ISC																		XXXXVX
EC	10580	697	1968	06	21	03:52:06.00X				0.070	-89.520	I	33.0I		10	ISC	4.2	ISC				4.2B	CGS													XXXXVX
EC	10590	697	1968	06	21	04:09:20.30X				-0.109	-91.048	I	33.0I		7	CGS	4.1	CGS																		XXXXVX
EC	10600	697	1968	06	21	04:29:12.00X				-0.130	-91.590	I	33.0I		13	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	10610	697	1968	06	21	04:46:50.00X				-0.900	-91.400	I	58.0I		12	ISC	4.2	ISC				4.3B	CGS													XXXXVX
EC	10620	697	1968	06	21	05:15:03.00X				-1.200	-91.640	I	33.0I		10	ISC	4.1	ISC				4.1B	CGS													XXXXVX
EC	10630	697	1968	06	21	05:47:30.00X				-0.300	-91.530	I	84.0I		67	ISC	4.7	ISC				4.7B	CGS													XXXXVX
EC	10640	697	1968	06	21	06:44:51.00X				-0.800	-90.500	I	33.0I		9	ISC	4.1	ISC																		XXXXVX
EC	10670	697	1968	06	21	08:01:04.10X				-0.300	-91.590	I	33.0I		32	ISC	4.4	ISC				4.4B	CGS													XXXXVX
EC	10680	697	1968	06	21	08:15:36.00X				-0.200	-91.100	I	33.0I		7	ISC	4.1	ISC				4.1B	CGS													XXXXVX
EC	10690	697	1968	06	21	09:08:41.10X				-0.100	-90.900	I	33.0I		6	ISC	3.8	CGS																		XXXXVX
EC	10700	697	1968	06	21	09:32:30.00X				-0.400	-91.710	I	33.0I		45	ISC	4.7	CGS																		XXXXVX
EC	10710	697	1968	06	21	09:52:48.30X				0.100	-90.900	I	33.0I		12	ISC	4.2	ISC				4.3B	CGS													XXXXVX
EC	10720	697	1968	06	21	10:38:08.69X				0.000	-90.900	I	33.0I		10	ISC	4.4	ISC				4.4B	CGS													XXXXVX
EC	10730	697	1968	06	21	11:04:37.70X				-0.210	-91.650	I	33.0I		48	ISC	4.7	ISC				4.8B	CGS													XXXXVX
EC	10740	697	1968	06	21	12:16:39.60X				-0.570	-91.554	I	33.0I		9	CGS	4.3	CGS																		XXXXVX
EC	10770	697	1968	06	21	15:25:05.00X				-0.900	-91.500	I	33.0I		17	ISC	4.2	ISC																		XXXXVX
EC	10780	697	1968	06	21	16:54:01.00X				-0.300	-91.700	I	33.0I		35	ISC	4.3	ISC				4.6B	CGS													XXXXVX
EC	10790	697	1968	06	21	18:40:32.30X				-0.870	-92.100	I	33.0I		13	ISC	4.2	ISC				4.2B	CGS													XXXXVX
EC	10800	697	1968	06	21	20:13:24.30X				0.600	-90.400	I	33.0I		13	ISC	4.1	ISC				4.1B	CGS													XXXXVX
EC	10810	697	1968	06	21	20:51:14.00X				0.000	-91.300	I	68.0I		60	ISC	5.0	ISC				5.0B	CGS													XXXXVX
EC	10820	697	1968	06	21	22:15:33.00X				-0.900	-92.100	I	33.0I		14	ISC	4.1	ISC				4.2B	CGS													XXXXVX
EC	10830	697	1968	06	21	23:01:05.00X				-0.800	-91.500	I	33.0I		12	ISC	4.1	ISC				4.1B	CGS													XXXXVX
EC	10840	697	1968	06	21	23:44:13.00X				-0.890	-91.570	I	33.0I		10	ISC	4.2	ISC				4.3B	CGS													XXXXVX
EC	10850	697	1968	06	22	00:22:09.00X				-0.400	-91.640	I	33.0I		56	ISC	4.7	ISC				4.6B	CGS													XXXXVX
EC	10860	697	1968	06	22	00:47:07.00X				-0.700	-91.600	I	33.0I		11	ISC	4.2	ISC				4.3B	CGS													XXXXVX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dist Geo	Tsun Obs	Non Cas
EC	10870	697	1968	06	22	02:18:26.00X				-0.500	-91.700	I	33.0I		14	ISC	4.3	ISC				4.3B	CGS													
EC	10880	697	1968	06	22	03:32:55.80X				-0.400	-91.600	I	33.0I		11	ISC	4.2	ISC				4.2B	CGS													XXXXVX
EC	10910	697	1968	06	22	04:38:14.00X				-1.900	-91.600	I	33.0I		10	ISC	4.2	ISC																		XXXXVX
EC	10920	697	1968	06	22	04:49:14.10X				-0.230	-90.988	I	33.0I			CGS	4.3	CGS																		XXXXVX
EC	10930	697	1968	06	22	06:04:39.10X				-0.550	-91.900	I	33.0I		26	ISC	4.4	ISC				4.4B	CGS													XXXXVX
EC	10940	697	1968	06	22	06:44:58.50X				-0.500	-91.700	I	33.0I		18	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	10950	697	1968	06	22	07:29:02.00X				-0.400	-91.600	I	33.0I		19	ISC	4.4	ISC				4.5B	CGS													XXXXVX
EC	10970	697	1968	06	22	09:31:29.00X				-1.700	-91.560	I	33.0I		10	ISC	4.3	ISC																		XXXXVX
EC	10980	697	1968	06	22	09:46:49.80X				-0.300	-91.680	I	33.0I		57	ISC	4.8	ISC				4.9B	CGS													XXXXVX
EC	11000	697	1968	06	22	12:06:41.00X				-0.700	-91.600	I	33.0I		17	ISC	4.4	ISC				4.3B	CGS													XXXXVX
EC	11010	697	1968	06	22	14:13:11.00X				-1.300	-91.700	I	33.0I		11	ISC	4.2	ISC				4.2B	CGS													XXXXVX
EC	11020	697	1968	06	22	16:09:28.70X				-0.300	-91.400	I	33.0I		36	ISC	4.6	ISC				4.5B	CGS													XXXXVX
EC	11050	697	1968	06	22	23:10:50.80X				-0.600	-91.900	I	33.0I		18	ISC	4.3	ISC				4.2B	CGS													XXXXVX
EC	11060	697	1968	06	23	00:59:27.70X				0.000	-90.800	I	33.0I		10	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	11070	697	1968	06	23	03:43:25.80X				-0.220	-91.480	I	33.0I		59	ISC	4.9	ISC	5.3H	CGS		4.8B	CGS													XXXXVX
EC	11080	697	1968	06	23	04:49:13.00X				-0.400	-91.400	I	33.0I		12	ISC	4.2	ISC				4.3B	CGS													XXXXVX
EC	11090	697	1968	06	23	13:58:41.80X				-0.500	-91.200	I	33.0I		12	ISC	4.2	ISC				4.3B	CGS													XXXXVX
EC	11110	697	1968	06	23	20:02:56.00X				-0.500	-91.600	I	33.0I		18	ISC	4.3	ISC				4.4B	CGS													XXXXVX
EC	11150	697	1968	06	25	01:19:17.00X				-0.100	-91.400	I	79.0I		65	ISC	4.7	ISC				4.7B	CGS													XXXXVX
EC	11170	697	1968	06	25	16:31:21.20X				-0.950	-91.870	I	33.0I		10	ISC	4.4	ISC																		XXXXVX
EC	11200	697	1968	06	26	14:07:03.00X				-0.300	-91.200	I	125.0I		17	ISC	4.4	ISC				4.5B	CGS													XXXXVX
EC	11260	697	1968	06	29	01:51:28.30X				-0.284	-91.734	I	33.0I		8	CGS	4.3	CGS																		XXXXVX
EC	11290	697	1968	06	30	07:42:02.00X				-0.600	-91.900	I	33.0I		11	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	11310	697	1968	07	02	20:31:04.40X				-0.570	-91.780	I	33.0I		19	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	11370	110	1968	07	09	05:13:45.70X				-2.400	-76.780	I	163.0I		20	ISC	4.0	ISC				4.0B	CGS													XXXXXX
EC	11430	104	1968	07	17	08:19:17.70X				1.210	-83.110	I	33.0I		14	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	11440	104	1968	07	18	09:18:33.00X				1.000	-85.080	I	74.0I		49	ISC	4.6	ISC				4.6B	CGS													XXXXXX
EC	11460	110	1968	07	24	22:31:40.80X				-2.570	-77.790	I	84.0I		55	ISC	4.8	ISC				4.9B	CGS													XXXXXC
EC	11465	104	1968	07	28	08:22:16.40X				1.996	-85.037	I	33.0I		11	CGS	4.2	CGS																		XXXXXX
EC	11490	697	1968	07	29	11:48:57.00X				-2.000	-90.100	I	33.0I		10	ISC	4.3	ISC				4.3B	CGS													XXXXVX
EC	11500	107	1968	08	02	07:33:02.00X				-1.100	-78.800	I	51.0I		8	ISC	4.0	ISC				4.0B	CGS													XXXXXX
EC	11520	106	1968	08	19	23:24:28.00X				0.800	-78.800	I	138.0I		15	ISC	3.9	ISC				4.1B	CGS													XXXXXX
EC	11580	105	1968	09	09	19:57:38.90X				-2.930	-80.880	I	47.0I		23	ISC	4.5	ISC				4.5B	CGS													XXXXXX
EC	11610	104	1968	09	22	09:06:27.90X				-0.390	-81.300	I	54.0I		9	ISC	4.1	ISC				4.1B	CGS													XXXXXX
EC	11620	104	1968	09	22	11:17:35.20X				-0.600	-81.400	I	33.0I		6	ISC	3.9	CGS																		XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomap	Disaus	Geos	Tsun	Obs	Ocas
EC	11630	104	1968	09	22	15:42:24.10X				-0.690	-81.710	I	33.0I		6	ISC	4.0	CGS																			X	X
EC	11650	107	1968	10	12	07:54:38.40X				-1.500	-77.610	I	185.0I		54	ISC	4.4	ISC				4.4	B	CGS													X	X
EC	11670	107	1968	10	30	15:56:23.50X				-1.420	-77.400	I	165.0I		12	ISC	3.8	ISC				3.9	B	CGS													X	X
EC	11700	107	1968	11	09	23:23:35.80X				-1.160	-77.490	I	209.0I		64	ISC	4.5	ISC				4.5	B	CGS													X	X
EC	11740	105	1968	12	01	04:08:23.00X				-3.600	-79.500	I	142.0I		19	ISC	4.0	ISC				4.3	B	CGS													X	X
EC	11750	107	1968	12	04	15:41:38.00X				-1.200	-78.400	I	30.0I		20	ISC	4.3	ISC				4.3	B	CGS													X	X
EC	11755	076	1968	12	19	23:24:01.20X				2.059	-84.479	I	33.0I		16	CGS	4.8	CGS																			X	C
EC	11770	106	1968	12	23	13:00:35.30X				0.190	-78.200	I	55.0I		12	ISC	4.3	ISC				4.3	B	CGS													X	X
EC	11775	076	1969	01	12	10:50:59.90X				2.389	-84.513	I	33.0I		14	CGS	4.3	CGS																			X	C
EC	11790	105	1969	01	21	11:41:43.00X				-1.890	-79.200	I	141.0I		11	ISC	3.8	ISC				4.2	B	CGS													X	X
EC	11850	110	1969	02	22	02:52:57.10X				-2.020	-77.200	I			35	ISC	3.9	ISC				3.9	B	LAO													X	X
EC	11890	697	1969	03	23	00:58:18.00X				0.200	-89.900	I			4	CGS	4.2	CGS																			X	V
EC	11910	107	1969	03	30	20:14:06.70X				-1.970	-77.220	I	173.0I		48	ISC	4.8	ISC				4.7	B	CGS													X	X
EC	11920	106	1969	04	02	03:07:18.00X				-0.320	-78.380	I	33.0I		9	ISC	4.0	ISC				4.0	B	CGS													X	X
EC	11930	104	1969	04	04	12:58:26.00X				1.180	-85.180	I	460.0I		66	ISC	5.2	ISC	5.6	H	CGS	5.3	B	CGS													X	X
EC	11940	104	1969	04	05	22:15:57.00X				1.380	-85.270	I	20.0I		15	ISC	4.3	ISC				4.2	B	CGS													X	X
EC	11950	104	1969	04	05	23:26:11.00X				1.340	-85.130	I	19.0I		136	ISC	5.7	ISC	6.2	H	CGS	5.8	B	CGS													X	X
EC	11960	104	1969	04	06	00:34:47.00X				1.800	-85.000	I	33.0I		13	ISC	4.2	ISC				4.2	B	CGS													X	X
EC	12030	105	1969	05	20	13:04:56.00X				-0.990	-80.400	I	61.0I		21	ISC	4.3	ISC				4.2	B	CGS													X	X
EC	12040	107	1969	05	21	20:35:56.00X				-2.000	-79.800	I	108.0I		14	ISC	3.8	CGS																			X	C
EC	12060	107	1969	05	28	09:52:36.80X				-1.240	-77.360	I	212.0I		23	ISC	3.9	ISC				4.0	B	CGS													X	X
EC	12070	110	1969	05	28	13:30:07.50X				-2.140	-76.900	I	164.0I		229	ISC	5.4	ISC	5.4		BRK	5.5	B	CGS													X	X
EC	12080	107	1969	05	31	11:07:17.40X				-1.750	-77.850	I	174.0I		119	ISC	5.0	ISC	4.8		BRK	5.1	B	CGS													X	X
EC	12090	105	1969	06	07	08:27:35.70X				-2.090	-79.750	I	119.0I		29	ISC	4.4	ISC				4.5	B	CGS													X	C
EC	12100	109	1969	06	18	13:53:51.90X				-2.510	-78.030	I	123.0I		11	ISC	4.3	CGS																			X	X
EC	12105	696	1969	06	25	20:48:55.60X				2.127	-90.735	I	33.0I		17	CGS	4.4	CGS	4.3	H	CGS																X	X
EC	12115	696	1969	06	25	21:53:30.70X				2.123	-90.461	I	33.0I		27	CGS	4.8	CGS	5.2	H	CGS																X	X
EC	12125	696	1969	06	26	02:30:58.40X				2.009	-90.485	I	33.0I		38	CGS	5.0	CGS	5.3	H	CGS																X	X
EC	12210	110	1969	08	06	03:50:44.00X				-3.480	-80.200	I	34.0I		13	ISC	4.6	ISC																			X	X
EC	12220	107	1969	08	08	07:47:30.00X				-1.040	-78.650	I	33.0I		43	ISC	4.5	ISC				4.6	B	CGS													X	X
EC	12240	697	1969	08	30	01:26:31.00X				-1.030	-90.740	I	44.0I		82	ISC	5.4	ISC	5.1	H	CGS	5.1	S	BRK	5.5	B	CGS										X	V
EC	12250	697	1969	08	30	05:43:32.80X				-0.800	-89.600	I	33.0I		9	ISC	4.2	ISC				4.2	B	CGS													X	V
EC	12270	110	1969	09	19	02:45:47.00X				-4.400	-80.400	I	85.0I		13	ISC	4.5	ISC				4.2	B	CGS													X	X
EC	12300	104	1969	10	01	17:10:59.00X				0.780	-85.010	I	53.0I		189	ISC	5.7	ISC	5.9	H	CGS	6.1	S	PAS	5.5	B	CGS										X	X
EC	12350	111	1969	10	27	22:32:31.20X				-2.250	-78.900	I	124.0I		25	ISC	4.6	ISC				4.5	B	CGS					•	3K	OAE						X	X

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geo	Tsun Obs	Non Cas
EC	12390	105	1969	11	10	00	10	22.00	X	-2.500	-79.600	I	111.0	I	10	ISC	4.3	ISC				4.0	B	CGS													XXXXXX
EC	12400	105	1969	11	11	02	45	29.80	X	-2.440	-80.230	I	62.0	I	10	ISC	4.0	ISC				4.1	B	CGS													XXXXXX
EC	12430	107	1969	12	17	07	05	25.70	X	-0.910	-78.870	I	19.0	I	24	ISC	4.3	ISC				4.5	B	CGS					•	6K	OAE					XXXXXX
EC	12440	107	1969	12	17	07	13	06.00	X	-0.740	-78.300	I	26.0	I	13	ISC	4.2	ISC				4.2	B	CGS													XXXXXC
EC	12460	105	1969	12	31	02	08	57.00	X	-0.400	-80.000	I	62.0	I	13	ISC	3.9	ISC				3.9	B	CGS													XXXXXC
EC	12480	107	1970	01	03	03	07	55.00	X	-1.870	-78.500	I	19.0	I	32	ISC	4.7	ISC				4.8	B	CGS													XXXXXC
EC	12490	110	1970	01	11	22	49	59.80	X	-2.470	-77.180	I	156.0	I	18	ISC	4.6	ISC				4.5	B	CGS													XXXXXX
EC	12500	105	1970	01	18	23	33	07.00	X	-2.000	-80.800	I	168.0	I	11	ISC	3.9	ISC				4.2	B	CGS													XXXXXX
EC	12520	105	1970	02	02	08	46	26.60	X	-1.000	-85.600	I	33.0	I	5	ISC																					XXXXXX
EC	12580	105	1970	03	02	08	55	13.00	X	-3.700	-79.800	I	33.0	I	7	ISC																					XXXXXX
EC	12600	105	1970	03	06	02	28	15.00	X	-2.890	-80.100	I	35.0	I	15	ISC	4.1	ISC				4.2	B	CGS													XXXXXC
EC	12620	105	1970	03	25	13	17	44.10	X	-2.210	-79.000	I	57.0	I	39	ISC	4.6	ISC				4.6	B	CGS													XXXXXX
EC	12630	105	1970	03	25	13	21	06.80	X	-2.410	-79.100	I	41.0	I	38	ISC	4.9	ISC				4.7	B	CGS					•	3K	OAE					XXXXXC
EC	12660	105	1970	04	07	17	41	35.00	X	-0.200	-80.800	I	76.0	I	20	ISC	4.4	ISC				4.4	B	CGS													XXXXXX
EC	12690	110	1970	04	25	05	54	54.70	X	-3.890	-80.090	I	96.0	I	31	ISC	4.8	ISC				4.7	B	CGS													XXXXXX
EC	12700	105	1970	04	25	19	24	56.00	X	-2.610	-81.940	I	9.0	I	106	ISC	5.2	ISC				5.1	B	CGS													XXXXXX
EC	12710	104	1970	05	03	18	30	59.40	X	0.850	-83.490	I	33.0	I	22	ISC	4.5	ISC				4.5	B	CGS													XXXXXX
EC	12730	105	1970	05	07	10	12	57.00	X	-3.490	-79.540	I	89.0	I	41	ISC	4.8	ISC				4.8	B	CGS													XXXXXX
EC	12740	111	1970	05	14	07	00	19.00	X	-4.490	-78.900	I	61.0	I	16	ISC	4.2	ISC																			XXXXXX
EC	12750	107	1970	05	22	20	41	57.30	X	-1.660	-78.030	I	71.0	I	13	ISC	4.5	CGS																			XXXXXX
EC	12755	076	1970	06	17	09	05	40.40	X	2.340	-84.524	I	33.0	I	17	CGS	4.8	CGS																			XXXXXX
EC	12780	107	1970	06	22	02	11	54.00	X	-1.570	-80.600	I	54.0	I	15	ISC	4.6	ISC																			XXXXXX
EC	12820	107	1970	07	17	17	49	59.20	X	-[illegible]	-77.380	I	183.0	I	92	ISC	4.9	ISC				4.9	B	CGS													XXXXXX
EC	12830	107	1970	07	18	19	58	59.10	X	-0.230	-78.650	I	71.0	I	39	ISC	4.6	ISC				4.6	B	CGS					•	5M	CGS					XXXXXC
EC	12840	105	1970	07	21	05	26	22.00	X	-2.850	-79.300	I	33.0	I	6	ISC																					XXXXXX
EC	12860	697	1970	08	03	18	12	00.00	X	1.800	-91.400	I	33.0	I	8	ISC	4.3	ISC				4.3	B	CGS													XXXXVX
EC	12870	107	1970	08	07	03	48	04.40	X	-0.760	-80.000	I	83.0	I	19	ISC	4.4	ISC				4.2	B	CGS													XXXXXX
EC	12880	107	1970	08	14	04	40	07.00	X	-0.930	-80.500	I	44.0	I	7	ISC	4.0	ISC																			XXXXXX
EC	12890	107	1970	08	16	13	03	28.00	X	-0.280	-78.820	I	48.0	I	27	ISC	4.3	ISC				4.3	B	CGS													XXXXXX
EC	12920	104	1970	09	03	15	14	35.20	X	1.700	-85.000	I	33.0	I	16	ISC	4.6	ISC				4.7	B	CGS													XXXXXX
EC	13000	105	1970	11	06	07	33	30.00	X	-0.850	-80.980	I	31.0	I	26	ISC	4.5	ISC				4.5	B	CGS													XXXXXX
EC	13010	107	1970	11	14	19	01	11.00	X	-1.650	-77.920	I	184.0	I	22	ISC	4.4	ISC				4.6	B	CGS													XXXXXX
EC	13020	110	1970	11	15	19	36	44.10	X	-2.640	-78.690	I	111.0	I	62	ISC	4.6	ISC				4.6	B	CGS													XXXXXX
EC	13050	107	1970	12	09	16	28	33.00	X	-1.450	-77.710	I	176.0	I	114	ISC	5.0	ISC				5.0	B	CGS													XXXXXX
EC	13360	110	1970	12	12	19	47	53.40	X	-2.600	-79.200	I	35.0	I	6	ISC	4.0	ISC																			XXXXXX

Ident		F-E	Date			Time				Location			Depth		Num	Hyp	mb		MS			Other Magnitudes						Foc	Intensity				Assoc Phenom		
Country	Number	Reg Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual	Sta	Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Mec Source	Data	Max Int	Scale	Source	Isomap	Dias	Tsun	Noncas
																																		Geos	Obs	Cas
EC	13450	105	1970	12	14	07:32:53.10	X			-1.340	-80.800	I	34.0	I	173	ISC	5.3	ISC	5.7	H	CGS	5.8	S	BRK	5.4	B	CGS									XXXXXX
EC	13460	105	1970	12	14	08:01:45.00	X			-1.454	-80.850	I	56.0	I	30	ISC	4.7	ISC				4.8	B	CGS												XXXXXX
EC	13490	105	1970	12	14	10:46:33.00	X			-1.360	-80.400	I	87.0	I	17	ISC	4.0	ISC				4.2	B	CGS												XXXXXX
EC	13500	105	1970	12	14	15:29:28.00	X			-1.550	-80.700	I	55.9	I	37	ISC	4.7	ISC				4.7	B	CGS												XXXXXX
EC	13530	105	1970	12	17	07:10:29.00	X			-1.600	-80.700	I	46.0	I	15	ISC	4.4	ISC																		XXXXXX
EC	13590	110	1970	12	21	10:58:39.00	X			-3.950	-80.100	I	67.0	I	29	ISC	4.7	ISC				4.7	B	CGS												XXXXXX
EC	13610	105	1970	12	22	04:12:57.00	X			-1.300	-80.800	I	33.0	I	5	ISC																				XXXXXX
EC	13680	105	1970	12	27	23:08:44.00	X			-1.120	-80.780	I	48.0	I	20	ISC	4.8	ISC				4.7	B	CGS												XXXXXX
EC	13740	105	1971	01	01	16:55:24.00	X			-1.330	-81.000	I	43.0	I	9	ISC	4.3	CGS																		XXXXXX
EC	13760	110	1971	01	03	11:16:23.20	X			-2.430	-76.870	I	162.0	I	19	ISC	4.1	ISC				4.3	B	CGS												XXXXXX
EC	13800	105	1971	01	07	07:29:44.00	X			-1.760	-80.700	I	62.0	I	32	ISC	4.6	ISC				4.5	B	CGS												XXXXXX
EC	13870	105	1971	02	01	20:34:25.40	X			-2.260	-80.650	I	33.0	I	8	ISC	4.1	CGS																		XXXXXX
EC	13940	697	1971	04	08	12:38:14.30	X			-0.260	-91.690	I	33.0	I	33	ISC	4.7	ISC				4.8	B	CGS												XXXXXX
EC	13950	697	1971	04	09	15:40:45.00	X			-0.500	-92.000	I	45.0	I	24	ISC	4.5	CGS																		XXXXXX
EC	13960	697	1971	04	17	17:15:12.70	X			-0.400	-91.770	I	33.0	I	93	ISC	5.3	ISC	5.2	H	CGS	5.4	B	CGS												XXXXXX
EC	13970	697	1971	04	18	17:41:30.00	X			-0.340	-91.590	I	54.0	I	115	ISC	5.5	ISC	5.5	H	CGS	6.0	S	PAS	5.7	B	CGS									XXXXXX
EC	13980	697	1971	04	21	02:43:30.00	X			-0.400	-91.600	I	33.0	I	18	ISC	4.4	ISC				4.4	B	CGS												XXXXXX
EC	14000	697	1971	04	24	22:52:53.90	X			-0.300	-91.600	I	33.0	I	30	ISC	4.9	ISC				4.9	B	CGS												XXXXXX
EC	14010	105	1971	04	26	02:49:37.20	X			0.130	-79.030	I	57.0	I	29	ISC	4.6	ISC				4.6	B	CGS												XXXXXC
EC	14020	697	1971	04	26	23:22:16.40	X			-0.380	-91.800	I	24.0	I	42	ISC	4.9	ISC				4.9	B	CGS												XXXXXX
EC	14030	697	1971	04	30	08:21:14.30	X			-0.400	-91.500	I	33.0	I	11	ISC	4.6	ISC				4.7	B	CGS	4.7	B	MOS									XXXXXX
EC	14040	697	1971	05	03	05:04:30.00	X			-0.700	-91.000	I	33.0	I	9	ISC	4.4	ISC																		XXXXXX
EC	14050	107	1971	05	05	05:27:31.00	X			-1.900	-78.300	I	186.0	I	11	ISC																				XXXXXX
EC	14060	697	1971	05	06	05:18:29.00	X			-0.330	-91.670	I	33.0	I	56	ISC	5.1	ISC				5.2	B	CGS												XXXXXX
EC	14070	697	1971	05	06	05:49:43.00	X			-0.700	-92.200	I	33.0	I	10	ISC	4.5	ISC				4.6	B	CGS												XXXXXX
EC	14080	697	1971	05	06	06:20:09.00	X			0.060	-91.230	I	33.0	I	50	ISC	5.1	ISC				5.1	B	CGS												XXXXXX
EC	14090	697	1971	05	07	02:36:20.00	X			-0.240	-91.400	I	36.0	I	28	ISC	4.9	ISC				4.8	B	CGS												XXXXXX
EC	14100	103	1971	05	09	14:53:22.10	X			-0.100	-77.700	I	127.0	I	6	ISC																				XXXXXX
EC	14110	697	1971	05	09	22:21:38.00	X			0.000	-91.300	I	26.0	I	25	ISC	4.8	ISC				4.8	B	CGS												XXXXXX
EC	14120	697	1971	05	10	00:11:53.00	X			-0.300	-91.550	I	34.0	I	72	ISC	5.4	ISC	4.7	H	CGS	5.5	B	CGS												XXXXXX
EC	14130	107	1971	05	12	14:56:03.00	X			-3.300	-78.800	I	125.0	I	5	ISC																				XXXXXX
EC	14140	107	1971	05	13	10:40:51.00	X			-1.300	-78.490	I	46.0	I	29	ISC	4.8	ISC				4.7	B	CGS												XXXXXX
EC	14150	105	1971	05	15	03:32:07.00	X			1.500	-84.800	I	90.0	I	10	ISC																				XXXXXX
EC	14160	107	1971	05	17	11:04:06.90	X			-1.590	-77.690	I	172.0	I	316	ISC	5.7	ISC	6.5	H	PAS	5.7	B	CGS	6.1	B	MOS									XXXXXC
EC	14170	107	1971	05	20	22:04:37.70	X			-1.570	-77.760	I	187.0	I	19	ISC	4.3	ISC				4.6	B	CGS												XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomap	Dias	Tsun	Nons Geos	Obs	Cas
EC	14180	107	1971	05	21	18:48:54.50			X	-2.510	-78.700	I	33.0	I	6	ISC																						
EC	14200	697	1971	05	30	10:47:14.40			X	0.100	-91.300	I	22.0	I	25	ISC	4.8	ISC				4.8	B	CGS													XXXXXX
EC	14220	697	1971	06	02	05:27:19.00			X	-0.390	-91.910	I	36.0	I	45	ISC	5.0	ISC	5.8	H	CGS	5.1	B	CGS													XXXXXX
EC	14230	697	1971	06	02	06:07:17.00			X	-0.500	-91.500	I	65.0	I	23	ISC	4.8	ISC				4.9	B	CGS													XXXXXX
EC	14270	107	1971	07	08	08:02:37.00			X	-0.900	-78.500	I	20.0	I	11	ISC	4.1	ISC				4.1	B	CGS													XXXXXX
EC	14310	110	1971	07	27	02:02:44.50			X	-2.790	-77.350	I	88.0	I	333	ISC	6.4	ISC	7.5	H	PAS	6.3	B	CGS					•	7K	OAE	OAE					XXXXXC
EC	14320	107	1971	08	03	21:51:43.00			X	-2.200	-79.000	I	112.0	I	11	ISC	4.4	ISC				4.3	B	CGS													XXXXXX
EC	14330	697	1971	08	14	04:26:04.00			X	-2.500	-89.200	I	27.0	I	25	ISC	4.6	ISC				4.6	B	CGS													XXXXXX
EC	14360	107	1971	09	16	15:49:35.00			X	-1.150	-78.810	I	50.0	I	21	ISC	4.5	ISC				4.6	B	CGS													XXXXXC
EC	14370	107	1971	09	29	05:48:15.40			X	-1.790	-77.930	I	167.0	I	31	ISC	4.1	ISC				4.4	B	CGS													XXXXXX
EC	14410	107	1971	11	27	22:26:47.50			X	-1.760	-77.900	I	170.0	I	29	ISC	4.5	ISC				4.6	B	CGS													XXXXXX
EC	14420	110	1971	12	21	01:07:19.80			X	-2.040	-77.460	I	175.0	I	40	ISC	4.4	ISC				4.5	B	CGS													XXXXXX
EC	14430	107	1971	12	21	10:52:18.70			X	-1.470	-77.800	I	169.0	I	26	ISC	4.3	ISC				4.4	B	CGS													XXXXXX
EC	14460	105	1972	01	13	15:53:17.00			X	-0.180	-80.500	I	44.0	I	21	ISC	4.2	ISC				4.3	B	CGS													XXXXXX
EC	14470	105	1972	01	13	18:31:22.00			X	-0.110	-80.320	I	36.0	I	51	ISC	4.8	ISC				4.8	B	CGS													XXXXXX
EC	14480	105	1972	01	27	18:45:06.20			X	-3.900	-79.720	I	83.0	I	79	ISC	5.1	ISC				5.2	B	CGS													XXXXXX
EC	14510	107	1972	04	06	15:26:15.80			X	-1.450	-77.910	I	178.0	I	99	ISC	5.0	ISC				5.2	B	CGS													XXXXXX
EC	14520	107	1972	04	09	21:42:20.60			X	-1.540	-78.060	I	180.0	I	24	ISC	4.5	ISC				4.6	B	CGS													XXXXXX
EC	14530	104	1972	04	13	06:31:12.00			X	-1.300	-81.400	I			7	ISC																					XXXXXX
EC	14540	104	1972	04	13	12:07:55.00			X	-1.210	-81.190	I	12.0	I	10	ISC	4.2	ISC																			XXXXXX
EC	14550	107	1972	04	19	10:57:33.00			X	-0.520	-77.490	I	38.0	I	31	ISC	4.4	ISC				4.4	B	CGS													XXXXXX
EC	14570	104	1972	04	23	11:28:49.00			X	-2.700	-79.600	I			4	ISC																					XXXXXX
EC	14590	697	1972	04	30	14:42:10.00			X	-0.700	-91.200	I			10	ISC	4.5	ISC																			XXXXXX
EC	14610	107	1972	05	08	12:21:20.50			X	-0.400	-76.300	I			9	ISC																					XXXXXX
EC	14620	107	1972	05	10	17:30:31.60			X	-2.740	-78.710	I	52.0	I	117	ISC	5.3	ISC				5.5	B	MOS	5.4	B	CGS										XXXXXX
EC	14640	104	1972	05	28	06:05:30.00			X	-1.900	-79.600	I			6	ISC																					XXXXXX
EC	14650	107	1972	06	04	22:22:57.90			X	-2.830	-78.870	I	106.0	I	64	ISC	5.1	ISC				5.0	B	CGS													XXXXXX
EC	14700	104	1972	06	30	10:17:47.00			X	1.600	-85.010	I	60.0	I	34	ISC	4.8	ISC	4.1	H	CGS	4.8	B	CGS													XXXXXX
EC	14710	107	1972	07	01	14:12:37.60			X	-2.000	-79.200	I			10	ISC	4.5	ISC																			XXXXXX
EC	14720	107	1972	07	17	09:16:49.00			X	-0.790	-76.600	I	133.0	I	8	ISC																					XXXXXX
EC	14740	107	1972	07	29	16:02:48.10			X	-1.460	-77.960	I	172.0	I	82	ISC	4.6	ISC				4.7	B	CGS													XXXXXX
EC	14760	105	1972	10	12	04:40:30.90			X	-1.140	-79.130	I			18	ISC	4.5	ISC																			XXXXXX
EC	14800	110	1972	12	10	21:12:58.00			X	-3.000	-78.900	I			6	ISC																					XXXXXX
EC	14820	104	1972	12	19	20:02:21.00			X	0.800	-83.030	I	30.0	I	25	ISC	4.7	ISC				4.7	B	CGS													XXXXXX
EC	14830	107	1972	12	26	04:24:54.90			X	-1.110	-78.800	I	7.0	I	15	ISC	4.4	CGS																			XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes					Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomap	Dias	Tsun	Nocas
EC	14850	105	1973	01	05	00:39:47.00X				0.660	-80.060	I	27.0I		84	ISC	4.9	ISC				4.7B	CGS						•	5K	OAE				XXXXXC
EC	14860	105	1973	01	06	06:41:14.00X				0.770	-79.900	I	50.0I		13	ISC	3.9	ISC				3.8B	CGS												XXXXXX
EC	14870	107	1973	01	13	07:47:29.30X				-0.450	-78.020	I	35.0I		16	ISC	4.4	ISC				4.4B	CGS												XXXXXX
EC	14880	697	1973	01	25	08:10:57.70X				0.100	-91.200	I	33.0I		19	ISC	4.5	ISC				4.5B	CGS												XXXXXX
EC	14890	107	1973	01	25	13:06:09.70X				-1.500	-77.730	I	192.0I		33	ISC	4.4	ISC				4.7B	CGS												XXXXXX
EC	14900	697	1973	01	28	04:07:22.00X				0.400	-90.900	I	33.0I		11	ISC	4.3	ISC				4.4B	CGS												XXXXXX
EC	14910	697	1973	01	28	18:37:27.60X				0.100	-91.200	I	15.0I		15	ISC	4.5	ISC				4.4B	CGS												XXXXXX
EC	14930	697	1973	02	01	02:58:40.50X				-0.500	-91.400	I	33.0I		21	ISC	4.6	ISC				4.7B	CGS												XXXXXX
EC	14970	697	1973	02	18	00:38:51.00X				1.600	-91.000	I	33.0I		14	ISC	4.0	ISC				4.1B	CGS												XXXXXX
EC	14980	107	1973	02	23	04:26:21.10X				-2.160	-78.330	I	44.0I		214	ISC	5.7	ISC	5.8		BRK	5.7B	CGS												XXXXXX
EC	14990	107	1973	02	23	06:41:24.20X				-2.180	-78.290	I	81.0I		57	ISC	4.9	ISC				5.0B	CGS												XXXXXX
EC	15000	107	1973	02	23	23:10:52.50X				-2.260	-78.380	I	41.0I		37	ISC	4.5	ISC				4.6B	CGS												XXXXXX
EC	15010	107	1973	03	01	17:49:04.90X				-2.180	-78.220	I	79.0I		50	ISC	4.8	ISC				4.9B	CGS												XXXXXX
EC	15020	697	1973	03	01	19:58:05.00X				-1.000	-91.300	I			12	ISC	4.5	ISC																	XXXXXX
EC	15050	107	1973	03	08	13:15:02.00X				-2.400	-78.600	I			5	ISC																			XXXXXX
EC	15060	105	1973	03	09	11:54:20.00X				-1.260	-80.400	I	72.0I		11	ISC	4.1	CGS																	XXXXXX
EC	15070	697	1973	03	17	08:29:13.80X				0.920	-90.300	I			12	ISC																			XXXXXX
EC	15080	697	1973	03	19	03:13:15.50X				0.000	-91.300	I	33.0I		32	ISC	4.8	ISC				4.9B	CGS												XXXXXX
EC	15110	107	1973	04	28	10:18:38.70X				-2.900	-77.900	I			5	ISC																			XXXXXX
EC	15120	107	1973	04	28	12:21:04.00X				-1.830	-80.140	I	54.0I		188	ISC	5.5	ISC				5.5B	CGS						•	4K	OAE				XXXXXC
EC	15130	107	1973	05	03	15:50:36.00X				-1.880	-78.300	I	77.0I		14	ISC	4.1	CGS																	XXXXXX
EC	15140	107	1973	05	10	13:46:32.30X				-2.190	-78.960	I	110.0I		84	ISC	4.9	ISC				4.9B	CGS												XXXXXX
EC	15150	107	1973	05	30	04:38:00.90X				-2.260	-78.510	I	101.0I		282	ISC	5.6	ISC				5.7B	CGS												XXXXXC
EC	15160	107	1973	06	04	13:14:30.20X				-1.290	-77.800	I	178.0I		13	ISC	4.3	CGS																	XXXXXX
EC	15170	107	1973	06	06	08:40:28.00X				-1.100	-76.100	I			7	ISC																			XXXXXX
EC	15180	105	1973	06	06	19:32:47.40X				-2.067	-79.963	I	40.0I		10	CGS	4.1	CGS																	XXXXXX
EC	15200	104	1973	06	11	11:42:29.60X				1.400	-85.900	I			8	ISC																			XXXXXX
EC	15210	105	1973	07	14	01:57:23.80X				-1.570	-80.800	I			13	ISC																			XXXXXX
EC	15240	110	1973	08	01	10:35:09.60X				-2.740	-77.800	I	71.0I		15	ISC	4.2	ISC				4.0B	CGS												XXXXXX
EC	15290	107	1973	10	14	06:23:15.40X				0.700	-79.600	I			7	ISC																			XXXXXX
EC	15310	104	1973	11	02	02:40:18.00X				1.100	-82.800	I	48.0I		15	ISC	4.9	ISC				4.7B	GS												XXXXXX
EC	15320	107	1973	11	04	21:06:54.70X				-1.480	-79.600	I	33.0I		8	ISC	4.5	GS																	XXXXXX
EC	15350	110	1973	11	22	07:23:45.00X				-3.300	-80.200	I			5	ISC																			XXXXXX
EC	15370	696	1973	12	03	08:54:33.70X				1.100	-90.900	I	33.0I		13	ISC	4.3	ISC				4.4B	GS												XXXXXX
EC	15380	107	1973	12	10	19:28:13.00X				-1.390	-77.710	I	177.0I		206	ISC	5.4	ISC				5.6B	MOS	5.3B	GS										XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max int	Scale	Source	Map	Dist	Tsun	Obs	Conn
EC	15390	696	1974	01	05	23:52:15	00X			-0.100	-91.400	I	33.0I		12	ISC	4.3	ISC				4.5B	GS													
EC	15400	696	1974	01	07	02:18:50	00X			-0.100	-91.630	I	33.0I		88	ISC	5.4	ISC	5.5H	GS		5.4B	GS													XXXXXX
EC	15410	697	1974	01	07	10:07:11	10X			-0.300	-91.600	I	33.0I		20	ISC	4.4	ISC				4.5B	GS													XXXXXX
EC	15420	105	1974	01	13	04:55:27	00X			-0.900	-81.000	I	50.0I		14	ISC	4.2	GS																		XXXXXX
EC	15440	106	1974	02	03	06:45:14	00X			-0.100	-75.600	I			6	ISC	4.4	ISC																		XXXXXX
EC	15460	107	1974	02	25	02:45:22	60X			-1.580	-78.020	I	175.0I		23	ISC	4.2	ISC				4.3B	GS													XXXXXX
EC	15465	076	1974	03	05	14:53:40	80X			2.421	-84.353	I	34.0I		22	GS	4.9	GS																		XXXXXX
EC	15470	105	1974	03	10	09:08:48	00X			0.220	-79.800	I	60.0I		17	ISC	4.6	ISC				4.4B	GS													XXXXXX
EC	15480	105	1974	03	10	16:17:10	20X			0.390	-80.010	I	53.0I		183	ISC	5.2	ISC	5.6H	GS		5.1B	GS													XXXXXX
EC	15485	105	1974	03	11	16:17:09	00U			-2.190	-79.890	Y				OAE													•	5K	OAE					XXXXXX
EC	15500	110	1974	03	28	21:22:59	00X			-2.550	-77.800	I	109.0I		13	ISC	4.1	GS																		XXXXXX
EC	15580	107	1974	05	13	22:26:01	00X			-1.800	-80.700	I			7	ISC																				XXXXXX
EC	15590	107	1974	05	17	08:42:09	00X			-0.590	-78.450	I	85.0I		22	ISC	4.6	ISC				4.6B	GS													XXXXXX
EC	15600	107	1974	05	23	23:35:55	80X			-3.970	-79.000	I			9	ISC																				XXXXXX
EC	15620	105	1974	06	01	21:11:26	30X			-2.860	-80.850	I	34.0I		47	ISC	4.9	ISC	4.1H	GS		4.9B	GS													XXXXXX
EC	15640	105	1974	06	04	11:19:27	00X			-1.850	-80.700	I	66.0I		25	ISC	4.7	ISC				4.6B	GS													XXXXXX
EC	15680	105	1974	06	12	21:55:51	00X			-3.330	-81.000	X	61.0X		8	ISC														0						XXXXXX
EC	15690	110	1974	06	16	00:01:14	00X			-3.200	-78.800	I			6	ISC																				XXXXXX
EC	15700	105	1974	06	23	07:34:16	00X			-2.010	-80.500	I	62.0I		11	ISC	4.4	GS																		XXXXXX
EC	15720	105	1974	06	30	18:41:51	20X			-2.840	-79.900	I	58.0I		11	ISC	4.2	ISC				4.2B	GS													XXXXXX
EC	15730	104	1974	07	06	14:53:41	00X			1.100	-81.700	I	14.0I		18	ISC	4.6	ISC																		XXXXXX
EC	15740	104	1974	07	18	03:09:32	00X			1.270	-85.300	I	3.0I		26	ISC	4.3	ISC	4.8H	GS		4.5B	GS													XXXXXX
EC	15750	104	1974	07	18	04:41:46	00X			1.600	-85.200	I	47.0I		12	ISC	4.3	ISC				4.3B	GS													XXXXXX
EC	15760	697	1974	07	21	12:01:38	30X			1.800	-89.800	I	33.0I		26	ISC	4.8	ISC	4.3H	GS		4.7B	GS													XXXXXX
EC	15765	076	1974	07	22	11:34:41	80X			2.448	-84.462	I	33.0I		16	GS	4.9	GS																		XXXXXX
EC	15790	107	1974	07	30	00:43:03	20X			-2.790	-79.000	I	195.0I		8	ISC	4.1	ISC				4.2B	GS													XXXXXX
EC	15800	104	1974	07	31	14:40:57	00X			-1.300	-85.000	I			6	ISC	4.0	ISC																		XXXXXX
EC	15810	697	1974	07	31	15:30:26	90X			-0.190	-91.630	I	33.0I		30	ISC	4.7	ISC	3.9H	GS		4.7B	GS													XXXXXX
EC	15820	105	1974	08	01	23:36:52	00X			0.840	-79.400	I	79.0I		35	ISC	4.7	ISC				4.7B	GS													XXXXXX
EC	15830	104	1974	08	17	08:19:45	00X			-1.640	-81.210	I	19.0I		36	ISC	4.7	ISC				4.7B	GS													XXXXXX
EC	15840	107	1974	09	19	08:23:13	50X			-2.440	-77.800	I	121.0I		11	ISC	4.2	ISC				4.2B	GS													XXXXXX
EC	15870	110	1974	10	14	07:45:17	50X			-2.340	-76.410	I	164.0I		101	ISC	5.0	ISC				5.1B	GS													XXXXXX
EC	15890	111	1974	10	19	06:56:17	90X			-2.180	-77.800	I	155.0I		13	ISC																				XXXXXX
EC	15900	107	1974	10	21	07:15:05	50X			-1.160	-78.800	I	4.0I		8	ISC	3.9	GS																		XXXXXX
EC	15910	110	1974	10	21	11:21:39	00X			-2.350	-76.400	I	177.0I		11	ISC	3.8	GS																		XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias Geos	Tsun Obs	Non Caus
EC	15920	697	1974	10	23	09:45:35.00X				1.720	-90.830	I	33.0I		25	ISC	4.8	ISC				4.6B	GS													XXXXXX
EC	15970	107	1974	11	17	11:55:10.00X				-0.900	-80.400	I	61.0I		8	ISC																				XXXXXX
EC	15980	107	1974	11	22	03:33:57.00X				-3.800	-79.400	I	33.0I		12	ISC	4.5	ISC																		XXXXXX
EC	15990	107	1974	11	26	13:55:02.00X				-0.710	-79.200	I	103.0I		12	ISC	4.2	GS																		XXXXXX
EC	16000	105	1974	12	13	11:53:34.50X				-3.790	-79.590	I	118.0I		17	ISC	4.5	ISC				4.5B	GS													XXXXXX
EC	16030	110	1974	12	25	19:25:28.20X				-2.600	-76.840	I	173.0I		12	ISC	3.9	ISC				4.0B	GS													XXXXXX
EC	16040	697	1974	12	26	22:15:57.50X				-0.200	-91.300	I	33.0I		18	ISC	4.7	ISC				4.8B	GS													XXXXXX
EC	16050	697	1975	01	22	16:51:50.00X				-1.200	-91.700	I	33.0I		8	ISC	4.4	ISC				4.4B	GS													XXXXXX
EC	16070	697	1975	02	07	17:37:31.00X				-1.400	-92.000	I			8	ISC																				XXXXXX
EC	16080	697	1975	02	13	09:18:24.00X				0.200	-91.000	I			5	ISC																				XXXXXX
EC	16090	697	1975	02	26	0[illegible]:02:55.00X				-0.400	-91.500	I	46.0I		13	ISC	4.6	ISC				4.6B	GS													XXXXXX
EC	16095	105	1975	03	18	[illegible]7:21:23.00U				-2.190	-79.890	Y				OAE														4K	OAE					XXXXXX
EC	16110	105	1975	03	19	13:07:05.00X				-1.130	-80.900	I	47.0I		13	ISC	4.3	ISC				4.4B	GS													XXXXXX
EC	16120	697	1975	03	21	15:56:41.00X				0.000	-91.400	I	8.0I		17	ISC	4.8	ISC				4.9B	GS													XXXXXX
EC	16130	105	1975	04	06	10:52:33.90X				1.090	-79.800	I			5	ISC																				XXXXXX
EC	16140	105	1975	04	07	01:39:51.60X				-1.860	-80.250	I	68.0I		72	ISC	4.7	ISC				4.9B	GS													XXXXXC
EC	16150	107	1975	04	11	09:18:59.00X				-0.700	-78.700	I	33.0I		5	ISC																				XXXXXX
EC	16180	104	1975	05	22	06:12:46.10X				-2.520	-80.400	I			8	ISC	4.1	ISC																		XXXXXX
EC	16220	104	1975	06	27	09:17:53.70X				-1.980	-81.060	I	37.0I		30	ISC	4.5	ISC				4.5B	GS													XXXXXX
EC	16240	697	1975	07	19	22:34:44.20X				1.636	-90.755	I	33.0I		37	GS	4.9	GS	4.9Z	GS																XXXXXX
EC	16250	107	1975	07	29	01:12:47.30X				-1.430	-77.880	I	178.0I		36	ISC	4.6	ISC				4.6B	GS													XXXXXX
EC	16270	107	1975	08	10	10:04:49.70X				-0.730	-78.900	I	33.0I		11	ISC																				XXXXXX
EC	16290	697	1975	08	16	09:43:48.30X				-2.100	-90.330	I	33.0I		20	ISC	4.8	ISC	3.1Z	GS		4.9B	GS													XXXXXX
EC	16320	105	1975	10	07	08:25:58.80X				-0.430	-80.650	I	95.0I		6	ISC																				XXXXXX
EC	16340	105	1975	10	17	00:57:07.00X				-0.600	-80.790	I	151.0I		17	ISC	4.4	ISC				4.6B	GS													XXXXXX
EC	16350	104	1975	10	17	23:27:00.00X				-1.100	-81.100	I	286.0I		7	ISC	4.2	ISC																		XXXXXX
EC	16360	697	1975	10	18	10:08:40.20X				0.651	-90.814	I	33.0I		10	GS	4.6	GS				4.6B	ISC													XXXXXX
EC	16370	107	1975	10	29	14:41:24.00X				0.000	-77.800	I	34.0I		15	ISC	4.1	GS																		XXXXXC
EC	16390	697	1975	11	05	03:58:43.00X				0.700	-90.800	I	30.0I		16	ISC	4.2	ISC				4.3B	GS													XXXXXX
EC	16400	105	1975	11	06	17:44:15.90X				-0.350	-80.770	I	47.0I		50	ISC	5.0	ISC				5.1B	GS													XXXXXX
EC	16410	105	1975	11	06	22:38:52.00X				-0.600	-80.800	I	73.0I		15	ISC	4.7	ISC				4.8B	GS													XXXXXX
EC	16430	105	1975	11	08	10:34:08.06X				-3.390	-79.000	I	220.0I		8	ISC																				XXXXXX
EC	16470	696	1975	12	27	02:44:19.00X				-1.100	-88.400	I	33.0I		16	ISC	4.6	ISC	4.2Z	GS		4.5B	GS													XXXXXX
EC	16490	110	1976	01	24	16:57:34.10X				-2.950	-77.900	I	69.0I		10	ISC	4.2	GS																		XXXXXX
EC	16510	107	1976	02	19	02:28:32.90X				-1.480	-77.790	I	191.0I		25	ISC	4.4	ISC				4.5B	GS													XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Date	Max Int	Scale	Source	Isomap	Dias Geos	Tsun Obs	Nons Cos
EC	16520	107	1976	03	15	22:04:18.10	X			-1.850	-78.390	I	148.0	I	10	ISC																				XXXXXX
EC	16530	107	1976	03	19	08:21:52.70	X			-1.270	-77.730	I	190.0	I	25	ISC	4.6	ISC				4.9	B	GS												XXXXXX
EC	16540	104	1976	03	24	18:39:02.70	X			1.400	-85.200	I	33.0	I	24	ISC	4.5	ISC				4.6	B	GS												XXXXXX
EC	16560	696	1976	03	25	22:16:06.00	X			1.160	-90.670	I			157	ISC	5.5	ISC	5.8	Z	GS	5.5	B	GS												XXXXXX
EC	16570	105	1976	04	09	07:08:50.00	X			0.850	-79.630	I	19.0	I	389	ISC	6.0	ISC	6.7	Z	GS	6.5	S	PAS	6.1	B	GS		•	8M		OAE				XXXAXC
EC	16580	105	1976	04	11	19:13:47.00	X			1.540	-80.170	I	65.0	I	27	ISC	4.9	ISC				5.0	B	GS												XXXXXX
EC	16590	105	1976	04	11	19:29:28.00	X			1.500	-80.500	I	33.0	I	10	ISC																				XXXXXX
EC	16600	105	1976	04	12	06:53:21.70	X			1.320	-79.560	I	127.0	I	5	ISC																				XXXXXX
EC	16610	105	1976	05	05	02:39:44.00	X			-2.850	-80.500	I	41.0	I	6	ISC																				XXXXXX
EC	16620	104	1976	05	07	06:09:59.00	X			1.400	-85.400	I	33.0	I	14	ISC																				XXXXXX
EC	16650	105	1976	05	24	15:46:43.00	X			-0.270	-80.800	I	60.0	I	18	ISC	4.5	GS																		XXXXXX
EC	16670	107	1976	07	15	23:05:16.00	X			-1.350	-77.780	I	196.0	I	32	ISC	4.3	ISC				4.5	B	GS												XXXXXX
EC	16700	105	1976	09	01	20:34:25.00	X			-2.600	-80.200	I	131.0	I	8	ISC																				XXXXXX
EC	16710	110	1976	09	02	02:34:29.00	X			-4.200	-79.700	I	33.0	I	8	ISC																				XXXXXX
EC	16720	697	1976	09	12	13:52:00.60	X			-4.200	-91.830	I	33.0	I	22	ISC	4.6	ISC				4.6	B	GS												XXXXXX
EC	16740	107	1976	10	02	16:16:03.00	X			-0.370	-77.700	I	33.0	I	17	ISC																				XXXXXX
EC	16750	107	1976	10	04	23:36:11.00	X			-0.710	-78.610	I	51.0	I	53	ISC	5.1	ISC				5.1	B	GS						4M		GS				XXXXXC
EC	16760	107	1976	10	05	16:36:31.00	X			-0.670	-78.770	I	55.0	I	32	ISC	5.0	ISC				5.2	B	GS												XXXXXC
EC	16770	107	1976	10	06	09:12:39.00	X			-0.760	-78.750	I	33.0	I	159	ISC	5.7	ISC				5.7	B	MOS	5.7	B	GS		•	9K	OAE	OAE				XSXXXC
EC	16780	107	1976	10	06	10:45:23.00	X			-0.840	-79.100	I	15.0	I	10	ISC	4.7	GS																		XXXXXX
EC	16790	107	1976	10	06	15:44:29.00	X			-0.980	-78.800	I	93.0	I	18	ISC	4.8	GS																		XXXXXX
EC	16800	105	1976	10	07	22:01:22.00	X			-0.320	-80.280	I	71.0	I	42	ISC	4.8	ISC				5.0	B	GS												XXXXXX
EC	16810	107	1976	10	10	06:19:25.00	X			-0.740	-78.720	I	49.0	I	34	ISC	4.9	ISC				4.8	B	GS												XXXXXX
EC	16820	107	1976	10	27	00:05:49.90	X			-1.260	-77.950	I	42.0	I	96	ISC	5.2	ISC																		XXXXXX
EC	16830	107	1976	11	26	23:43:41.90	X			-1.380	-77.640	I	203.0	I	47	ISC	4.4	ISC				4.8	B	GS												XXXXXX
EC	16840	107	1976	11	29	23:20:05.00	X			-0.530	-78.600	I			1	OAE			5.0	H	OAE								•	7K	OAE	OAE				XSXXXC
EC	16850	104	1976	12	05	08:22:57.00	X			1.290	-85.050	I	56.0	I	52	ISC	4.7	ISC	4.7	Z	GS	4.8	B	GS												XXXXXX
EC	16860	107	1976	12	26	04:18:37.00	X			-0.760	-77.850	I	38.0	I	22	ISC	4.9	ISC				5.2	B	GS												XXXXXX
EC	16880	104	1977	01	05	16:13:31.60	X			1.050	-85.080	I	33.0	I	45	ISC	4.8	ISC	4.9	Z	GS	5.0	B	GS												XXXXXX
EC	16890	107	1977	01	13	03:27:23.10	X			-1.520	-77.710	I	187.0	I	20	ISC	4.7	GS																		XXXXXX
EC	16900	696	1977	02	11	11:39:06.10	X			1.200	-90.700	I	33.0	I	62	ISC	4.8	ISC				4.9	B	GS												XXXXXX
EC	16910	696	1977	02	11	11:41:30.00	X			-1.560	-90.630	I	33.0	I	54	ISC	5.1	ISC				5.1	B	GS												XXXXXX
EC	16930	696	1977	03	07	04:43:25.00	X			1.500	-90.600	I	33.0	I	21	ISC	4.4	ISC				4.8	B	GS												XXXXXX
EC	16940	696	1977	03	07	05:55:41.80	X			1.540	-90.930	I	33.0	I	18	ISC	4.8	GS																		XXXXXX
EC	16950	696	1977	03	07	06:21:35.90	X			1.670	-90.850	I	33.0	I	33	ISC	4.8	ISC				4.8	B	GS												XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dias	Tsun	Nobs
EC	16960	107	1977	03	17	16:58:44.00X				-0.650	-78.500	I	63.0I		8	ISC	4.5	GS																		
EC	16970	107	1977	03	19	06:28:18.40X				-1.570	-77.690	I	199.0I		26	ISC	4.4	ISC				4.4B	GS											XXXXXX		
EC	17000	104	1977	05	08	16:45:16.30X				-1.200	-81.040	I	27.0I		120	ISC	5.0	ISC	4.9Z	GS		5.0B	GS											XXXXXX		
EC	17010	105	1977	05	08	18:00:00.60X				-1.150	-80.980	I	38.0I		81	ISC	5.0	ISC	4.6Z	GS		5.0B	GS											XXXXXX		
EC	17020	104	1977	05	08	19:29:56.00X				-1.480	-81.200	I	109.0I		10	ISC																		XXXXXX		
EC	17030	105	1977	05	09	04:48:48.00X				-1.220	-80.990	I	54.0I		34	ISC	4.6	ISC				4.8B	GS											XXXXXX		
EC	17040	104	1977	05	10	23:56:33.80X				-1.320	-81.090	I	52.0I		21	ISC	4.9	GS																XXXXXX		
EC	17060	105	1977	05	14	06:04:37.00X				1.450	-85.310	I	16.0I		156	ISC	5.2	ISC	5.7Z	GS		5.7S	BRK	5.2B	GS									XXXXXX		
EC	17070	105	1977	05	14	06:56:45.40X				1.300	-85.500	I	33.0I		12	ISC																		XXXXXX		
EC	17080	105	1977	05	14	06:58:48.00X				1.570	-85.320	I	20.0I		104	ISC	5.0	ISC	5.5Z	GS		5.1B	GS											XXXXXX		
EC	17090	105	1977	05	14	07:09:11.60X				1.460	-85.410	I	33.0I		20	ISC	4.9	ISC				4.8B	GS											XXXXXX		
EC	17100	105	1977	05	14	07:35:40.30X				1.800	-85.110	I	33.0I		18	ISC	4.6	GS																XXXXXX		
EC	17110	105	1977	05	14	09:16:06.00X				-1.110	-80.900	I	62.0I		22	ISC	4.7	GS																XXXXXX		
EC	17120	104	1977	05	18	05:55:13.00X				-1.100	-81.500	I	33.0I		8	ISC																		XXXXXX		
EC	17130	107	1977	05	19	06:28:18.70X				-1.551	-77.649	I	200.0I		21	GS	4.4	GS																XXXXXX		
EC	17140	105	1977	05	21	12:02:26.00X				-1.530	-80.800	I	68.0I		41	ISC	4.5	ISC				4.7B	GS											XXXXXX		
EC	17150	105	1977	05	21	14:14:42.30X				-1.560	-80.830	I	58.0I		79	ISC	5.0	ISC	4.7Z	GS		5.0B	GS											XXXXXX		
EC	17180	104	1977	05	21	20:26:06.10X				-1.610	-81.200	I	33.0I		8	ISC	4.3	GS																XXXXXX		
EC	17190	104	1977	05	22	03:02:13.00X				-1.800	-81.200	I	33.0I		8	ISC																		XXXXXX		
EC	17200	105	1977	05	22	10:24:23.00X				-1.460	-81.000	I	59.0I		7	ISC	4.4	GS																XXXXXX		
EC	17210	104	1977	05	26	06:19:42.00X				-1.710	-81.130	I	10.0I		79	ISC	5.1	ISC	5.1Z	GS		5.0B	GS											XXXXXX		
EC	17220	105	1977	05	26	14:16:41.00X				-2.300	-79.600	I	309.0I		10	ISC																		XXXXXX		
EC	17230	105	1977	05	28	07:27:14.00X				-2.370	-80.000	I	66.0I		16	ISC	4.4	ISC				4.5B	GS											XXXXXX		
EC	17250	107	1977	06	27	18:57:19.50X				-1.760	-77.140	I	20.0I		77	ISC	4.9	ISC				5.0B	GS											XXXXXX		
EC	17260	696	1977	07	03	13:44:51.00X				-1.800	-91.400	I	33.0I		6	ISC																		XXXXXX		
EC	17270	105	1977	07	15	01:53:54.00X				0.500	-79.100	I	135.0I		11	ISC																		XXXXXX		
EC	17280	107	1977	07	16	16:34:17.50X				-2.060	-78.800	I	33.0I		13	ISC	4.8	GS																XXXXXX		
EC	17340	105	1977	08	20	21:40:12.10X				1.200	-85.300	I	33.0I		15	ISC	4.4	GS																XXXXXX		
EC	17350	697	1977	09	02	07:09:54.00X				0.030	-91.760	I	33.0I		48	ISC	4.9	ISC				4.9B	GS											XXXXXX		
EC	17360	110	1977	09	20	17:18:00.00X				-4.000	-79.900	I	164.0I		10	ISC	4.7	GS																XXXXXX		
EC	17400	107	1977	11	03	05:05:10.10X				-1.840	-77.770	I	172.0I		64	ISC	4.6	ISC				4.7B	GS											XXXXXX		
EC	17410	107	1977	11	12	16:57:58.20X				-1.750	-77.740	I	172.0I		18	ISC	4.5	GS																XXXXXX		
EC	17420	107	1978	01	10	10:15:16.00X				-0.190	-77.960	I				GS																		XXXXXX		
EC	17430	107	1978	01	24	20:20:30.70X				-1.830	-78.040	I	159.0I		10	ISC	4.6	GS																XXXXXX		
EC	17450	107	1978	03	17	09:00:39.00X				-0.680	-78.700	I				GS																		XXXXXX		

Ident		F-E	Date			Time				Location			Depth		Num	Hyp	mb		MS			Other Magnitudes							Intensity					Assoc Phenom		
Country	Number	Region	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual	Sta	Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Isomap	Dist	Geos	Tsun	Obs	Nons	Cas
EC	17460	107	1978	03	17	09	05	16.00	X	-0.680	-78.700	I				GS																							
EC	17490	107	1978	04	07	09	52	06.20	X	-1.690	-78.320	I	54.0	I	9	ISC	4.3	ISC				4.3	B	GS															X
EC	17510	104	1978	04	11	17	20	56.00	X	1.320	-85.290	I	55.0	I	28	ISC	4.7	ISC				4.7	B	GS															X
EC	17540	105	1978	04	23	01	58	49.40	X	-2.080	-81.110	I	34.0	I	61	ISC	4.8	ISC	3.7	Z	GS	4.8	B	GS	3.7	S	ISC											X
EC	17560	106	1978	05	10	18	37	26.50	X	1.460	-79.120	I	33.0	I		GS																							X
EC	17580	107	1978	06	03	18	56	01.30	X	-1.390	-79.850	I	33.0	I		GS	4.9	GS																					X
EC	17590	107	1978	06	07	08	00	33.80	X	-0.710	-78.300	I	9.0	I	80	ISC	4.8	ISC	4.2	Z	GS	4.9	B	GS	4.2	S	ISC											C
EC	17610	696	1978	06	11	05	07	45.00	X	0.830	-87.400	I	50.0	I	23	ISC	4.4	ISC	4.2	Z	GS	4.4	B	GS	4.2	S	ISC											X
EC	17620	105	1978	06	18	11	07	47.00	X	-2.700	-80.900	I	103.0	I	15	ISC	4.5	ISC				4.5	B	GS															X
EC	17640	110	1978	07	13	05	38	10.80	X	-2.420	-77.100	I	136.0	I	12	ISC	3.7	ISC				3.9	B	GS															X
EC	17645	108	1978	07	19	03	29	25.40	X	-3.145	-84.335	I	33.0	I	5	GS																							X
EC	17670	107	1978	07	22	07	40	04.30	X	-1.290	-77.790	I	202.0	I	38	ISC	4.4	ISC				4.6	B	GS															X
EC	17690	697	1978	08	08	15	55	33.00	X	0.020	-91.200	I	131.0	I	25	ISC	4.2	ISC				4.5	B	GS															X
EC	17700	107	1978	08	10	04	10	56.30	X	-2.050	-78.700	I	132.0	I	39	ISC	4.8	ISC				4.9	B	GS															X
EC	17710	105	1978	08	20	05	04	16.10	X	-0.220	-80.540	I	29.0	I	7	ISC	3.7	ISC				3.7	B	GS															X
EC	17730	105	1978	09	10	08	08	46.00	X	-2.670	-79.500	I	112.0	I	8	ISC	3.8	ISC																					X
EC	17740	107	1978	09	11	04	21	57.40	X	-2.090	-78.200	I	166.0	I	7	ISC	4.3	ISC				4.3	B	GS															X
EC	17750	107	1978	09	20	23	07	43.00	X	-1.670	-77.900	I	218.0	I	14	ISC																							X
EC	17760	105	1978	09	26	13	39	04.70	X	-1.540	-80.970	I	33.0	I	14	ISC	4.7	ISC				4.7	B	GS															X
EC	17770	104	1978	11	04	03	04	19.20	X	1.350	-85.240	I	33.0	I	47	ISC	4.6	ISC				4.7	B	GS															X
EC	17790	107	1978	11	04	20	16	09.00	X	-2.120	-76.500	I	58.0	I	17	ISC	4.3	ISC				4.3	B	GS															X
EC	17800	107	1978	11	09	00	36	56.30	X	-1.440	-77.860	I	184.0	I	117	ISC	4.8	ISC				4.8	B	GS															X
EC	17810	107	1978	11	11	21	47	56.00	X	-1.930	-78.011	I	158.0	I	11	ISC	4.2	ISC				4.3	B	GS															X
EC	17840	107	1978	12	18	13	37	31.20	X	-1.390	-77.500	I	168.0	I	16	ISC	4.2	ISC				4.4	B	GS															X
EC	17850	696	1978	12	20	07	26	04.30	X	-0.759	-88.709	I	33.0	I		GS																							X
EC	17860	105	1978	12	24	23	13	44.00	X	-2.650	-80.000	I	40.0	I	11	ISC	4.6	ISC				4.7	B	GS															X
EC	17870	107	1978	12	27	09	33	25.00	X	-1.800	-76.500	I	33.0	I	13	ISC	4.0	ISC				4.0	B	GS															X
EC	17880	107	1979	01	17	02	12	51.60	X	-1.240	-77.744	I	197.0	I	40	ISC	4.4	ISC				4.8	B	GS															X
EC	17900	105	1979	02	04	04	52	32.90	X	0.110	-79.300	I	62.0	I	12	ISC	4.5	ISC																					X
EC	17905	76	1979	02	17	21	33	01.20	X	2.096	-84.602	I	33.0	I	11	GS	4.7	GS																					X
EC	17910	105	1979	02	28	15	03	49.00	X	0.900	-79.760	I	42.0	I	15	ISC	4.8	ISC				4.8	B	GS															C
EC	17920	105	1979	03	01	14	33	12.00	X	0.630	-80.100	I	12.0	I	240	ISC	5.6	ISC	5.4	Z	GS	5.6	B	GS	5.3	S	ISC			3	M	GS						C
EC	17930	105	1979	03	09	08	40	13.00	X	0.770	-80.030	I	72.0	I	18	ISC	4.3	ISC				4.0	B	GS															C
EC	17940	105	1979	03	09	09	17	22.00	X	0.480	-80.200	I	68.0	I	16	ISC	4.5	ISC				4.2	B	GS															C
EC	17950	105	1979	03	10	00	29	00.00	X	0.600	-80.000	I	83.0	I	19	ISC	4.5	ISC				4.7	B	GS															X

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Mop	Dias	Tsun	Noon Obs
EC	17970	107	1979	03	26	16:07:00.40X				-1.580	-77.510	I	178.0I		13	ISC	4.4	ISC				4.4B	GS													XXXXXX
EC	17980	107	1979	04	06	02:41:21.40X				-1.660	-77.700	I	193.0I		26	ISC	4.4	ISC				4.5B	GS													XXXXXX
EC	18000	105	1979	04	22	07:35:43.40X				-2.170	-80.630	I	53.0I		7	ISC	4.3	ISC																		XXXXXX
EC	18010	107	1979	04	30	01.04:24.00X				-1.600	-77.800	I	245.0I		24	ISC	4.4	ISC				4.5B	GS													XXXXXX
EC	18020	105	1979	05	13	22:41:53.60X				-3.760	-79.420	I	97.0I		70	ISC	4.6	ISC				4.7B	GS													XXXXXX
EC	13030	105	1979	05	25	04:31:35.00X				0.440	-80.200	I	39.0I		16	ISC	4.3	ISC				4.3B	GS													XXXXXX
EC	18040	110	1979	05	30	06:17:07.90X				-2.540	-76.930	I	141.0I		11	ISC	3.7	ISC				3.8B	GS													XXXXXX
EC	18050	107	1979	06	02	01:32:51.50X				-1.710	-77.970	I	174.0I		67	ISC	4.4	ISC				4.5B	GS													XXXXXX
EC	18070	110	1979	06	16	18:06:58.90X				-2.520	-76.870	I	145.0I		20	ISC	4.3	ISC				4.5B	GS													XXXXXX
EC	18080	105	1979	07	27	05:27:37.20X				-2.448	-80.882	I	33.0I		5	GS																				XXXXXX
EC	18100	105	1979	09	16	09:09:09.20X				-2.300	-79.064	I	86.0I		102	ISC	4.8	ISC																		XXXXXX
EC	18105	76	1979	10	21	00.22:11.80X				2.156	-84.881	I	33.0I		15	GS	4.8	GS																		XXXXXX
EC	18140	697	1979	10	28	16:06:23.90X				-0.419	-91.591	I	33.0I		21	GS	5.0	GS																		XXXXXX
EC	18150	110	1979	11	13	06:22:03.20X				-2.335	-76.723	I	150.0I		100	ISC	4.6	ISC																		XXXXXX
EC	18160	697	1979	11	13	13:51:25.20X				-0.807	-91.074	I	33.0I		14	GS	4.3	GS																		XXXXXX
EC	18170	697	1979	11	16	00:58:05.50X				-1.039	-91.285	I	33.0I		17	GS	4.8	GS	4.8Z	GS																XXXXXX
EC	18190	107	1979	12	04	12:47:58.40X				-2.591	-78.544	I	110.0I		33	ISC	4.8	ISC																		XXXXXX
EC	18220	104	1979	12	13	08:05:31.20X				1.616	-80.003	I	53.0I		14	ISC	4.4	ISC																		XXXXXX
EC	18260	105	1979	12	21	00:26:07.70X				-2.653	-79.032	I	96.0I		89	ISC	5.0	ISC																		XXXXXX
EC	18263		1979	12	31	19:28:23.00X				-2.901	-81.944	I	33.0I		7	ISC	4.2	ISC																		XXXXXX
EC	18267		1980	01	03	23:08:32.60X				-0.118	-77.972	I	33.0I		8	ISC																				XXXXXX
EC	18280	107	1980	01	13	00:29:09.20X				-0.116	-78.608	I	127.0I		16	ISC	4.7	ISC																		XXXXXX
EC	18305		1980	02	15	21:19:42.40X				-2.788	-80.261	I	71.0I		8	ISC	4.3	ISC																		XXXXXX
EC	18310	105	1980	02	18	13:03:24.60X				-2.272	-79.741	I	92.0I		165	ISC	5.2	ISC																		XXXXXX
EC	18330	104	1980	03	16	03:26:12.90X				1.583	-79.844	I	33.0I		7	ISC	4.1	ISC																		XXXXXX
EC	18350	107	1980	03	28	15:39:39.00X				-1.769	-77.922	I	159.0I		43	GS	4.7	GS																		XXXXXX
EC	18350	107	1980	03	28	15:39:40.10X				-1.799	-77.898	I	170.0I		53	ISC	4.6	ISC																		XXXXXX
EC	18370	107	1980	04	20	11:26:22.80X				-2.532	-78.556	I	106.0I		139	ISC	5.1	ISC																		XXXXXX
EC	18390	105	1980	05	08	15:44:09.60X				-0.153	-77.594	I	25.0I		12	ISC																				XXXXXX
EC	18410	106	1980	05	16	02:52:53.60X				-0.480	-79.167	I	11.0I		28	ISC	4.7	ISC																		XXXXXX
EC	18415	76	1980	06	24	04:12:01.20X				2.209	-84.521	I	33.0I		61	GS	5.0	GS	4.5Z	GS																XXXXXX
EC	18430	107	1980	06	29	19:41:35.00X				-1.444	-78.193	I	225.0I		11	ISC																				XXXXXX
EC	18440	106	1980	07	06	18:10:10.60X				1.078	-78.983	I	33.0I		36	ISC	4.4	ISC																		XXXXXX
EC	18450	107	1980	07	23	08:43:55.40X				-2.313	-78.369	I	126.0I		10	ISC	4.2	ISC																		XXXXXX
EC	18460	107	1980	07	29	11:43:44.00X				-1.496	-77.825	I	186.0I		29	ISC	4.5	ISC																		XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src		mb		MS			Other Magnitudes						Foc Mec	Intensity				Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Datum	Magnitude	Scale	Source	Isomap	Disaster	Tsunami	Nonobs	Cobs
EC	18470	105	1980	08	18	15:07:54.60			X	-1.976	-80.030	I	74.0	I	265	ISC	5.5	ISC																			XXXXXX
EC	18480	105	1980	08	20	20:32:09.40			X	-2.189	-80.259	I	59.0	I	17	ISC	4.5	ISC																			XXXXXX
EC	18490	107	1980	09	03	18:48:37.20			X	-1.910	-78.014	I	159.0	I	88	ISC	4.7	ISC																			XXXXXX
EC	18495	76	1980	09	04	03:39:21.20			X	2.457	-84.478	I	10.0	I	12	GS	4.8	GS	4.5	Z	GS																XXXXXX
EC	18500	107	1980	09	14	23:41:58.60			X	-1.848	-77.996	I	172.0	I	16	ISC	4.1	ISC																			XXXXXX
EC	18505		1980	09	21	00:39:41.40			X	-1.959	-78.433	I	198.0	I	5	ISC																					XXXXXX
EC	18510	107	1980	10	08	22:01:35.20			X	-1.401	-77.568	I	194.0	I	271	ISC	5.4	ISC																			XXXXXX
EC	18520	105	1980	10	21	12:55:29.10			X	-2.045	-79.540	I	117.0	I	13	ISC	4.7	ISC																			XXXXXX
EC	18530	110	1980	11	02	18:21:19.10			X	-4.586	-79.298	I	132.0	I	80	ISC	4.9	ISC																			XXXXXX
EC	18535		1980	11	09	13:02:57.20			X	1.623	-80.530	I	33.0	I	6	ISC	4.0	ISC																			XXXXXX
EC	18540	107	1980	11	12	08:19:48.50			X	-1.137	-77.822	I	33.0	I	11	ISC	4.1	ISC																			XXXXXX
EC	18550	107	1980	11	27	22:04:20.90			X	0.270	-79.280	I	33.0	I	14	ISC	4.8	ISC																			XXXXXX
EC	18560	104	1980	11	29	05:33:53.20			X	1.424	-84.581	I	33.0	I	25	ISC	4.6	ISC																			XXXXXX
EC	18570	696	1980	12	06	11:09:31.80			X	0.913	-90.610	I	10.0	I	17	GS	4.7	GS	5.0	Z	GS																XXXXXX
EC	18595		1981	01	03	04:05:58.40			X	-2.125	-80.278	I	50.0	I	7	ISC	4.2	ISC																			XXXXXX
EC	18600	105	1981	01	30	07:58:25.20			X	-1.517	-78.860	I	128.0	I	6	GS	4.1	GS																			XXXXXX
EC	18610	104	1981	02	06	14:28:04.10			X	1.125	-85.504	I	10.0	I	16	GS	4.6	GS																			XXXXXX
EC	18620	107	1981	02	18	23:24:55.50			X	-1.803	-77.452	I	191.0	I	23	ISC	4.6	ISC																			XXXXXX
EC	18625		1981	03	04	08:38:20.40			X	-2.338	-81.077	I	33.0	I	10	ISC	4.6	ISC																			XXXXXX
EC	18630	105	1981	03	09	22:03:02.30			X	-2.120	-80.231	I	63.0	I	30	ISC	4.8	ISC																			XXXXXX
EC	18635		1981	03	10	06:51:01.80			X	-0.767	-77.409	I	49.0	I	12	ISC	4.5	ISC																			XXXXXX
EC	18650	107	1981	03	26	02:46:46.30			X	-1.611	-77.889	I	173.0	I	31	ISC	4.4	ISC																			XXXXXX
EC	18673		1981	04	17	06:13:12.80			X	1.354	-81.013	I	33.0	I	9	ISC	4.2	ISC																			XXXXXX
EC	18677		1981	04	22	09:47:21.50			X	-2.823	-78.740	I	33.0	I	12	ISC	4.4	ISC																			XXXXXX
EC	18700	107	1981	04	29	17:51:45.40			X	-1.463	-77.374	I	190.0	I	11	ISC	4.2	ISC																			XXXXXX
EC	18710	105	1981	05	06	21:34:49.40			X	-2.066	-80.988	I	36.0	I	177	ISC	5.4	ISC																			XXXXXX
EC	18720	105	1981	05	06	21:36:07.20			X	-1.955	-80.989	I	36.0	I	227	ISC	5.8	ISC																			XXXXXX
EC	18725		1981	05	07	20:38:22.40			X	-2.063	-80.990	I	44.0	I	13	ISC	4.5	ISC																			XXXXXX
EC	18730	107	1981	05	13	03:58:12.10			X	-1.293	-78.597	I	33.0	I	10	ISC	4.6	ISC																			XXXXXX
EC	18760	105	1981	05	26	04:55:30.60			X	-3.025	-79.186	I	102.0	I	50	ISC	5.1	ISC																			XXXXXX
EC	18780	105	1981	06	19	21:03:45.90			X	0.924	-78.631	I	121.0	I	46	ISC	4.5	ISC																			XXXXXX
EC	18800	105	1981	06	24	13:25:37.00			X	-2.499	-79.089	I	107.0	I	22	ISC	4.5	ISC																			XXXXXX
EC	18810	110	1981	06	27	21:54:15.30			X	-3.055	-80.345	I	55.0	I	119	ISC	5.2	ISC																			XXXXXX
EC	18850	107	1981	10	04	20:03:53.30			X	-1.520	-77.356	I	206.0	I	243	ISC	5.2	ISC																			XXXXXX
EC	18860	107	1981	10	07	20:03:48.30			X	-2.497	-77.041	I	150.0	I	27	ISC	4.5	ISC																			XXXXXX

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes						Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Data	Max Int	Scale	Source	Iso Map	Dist Geo	Tsun Obs	Non Caus
EC	18870	107	1981	10	13	04:33:09.10X				-1.690	-78.074	I	172.0I		23	ISC	4.3	ISC																XXXXXX		
EC	18880	107	1981	11	03	07:02:39.00X				-1.789	-78.411	I	131.0I		312	ISC	5.5	ISC																XXXXXX		
EC	18890	107	1981	11	19	01:13 37.30X				-1.720	-78.001	I	170.0I		24	ISC	4.6	ISC																XXXXXX		
EC	18910	107	1981	12	06	04:31:07.90X				-1.402	-77.651	I	193.0I		32	ISC	4.5	ISC																XXXXXX		
EC	18915		1981	12	25	18:54:23.50X				-3 485	-78.280	I	108.0I		25	ISC	4 7	ISC																XXXXXX		

DATOS DE INTENSIDADES

CATALOGO DE TERREMOTOS PARA AMERICA DEL SUR
Datos de Hypocentros e Intensidades

CATALOG OF EARTHQUAKES FOR SOUTH AMERICA
Hypocentral and Intensity Data

ECUADOR

Volumen 6
1985

ERRATA

Intensity Data

In general, where references are tested for only the first location under a given event, they are applicable to all locations for that event which are located in Ecuador.

Event 50060 – the interpreter code should be JELF

Event 02630 – Pasto, Colombia, elevation = 2,594
interpreter = VC

– Ipiales, Colombia, elevation = 2,921
interpreter = JE

Event 02670 – Atuntaqui, interpreter = JEWC

FE DE ERRATAS

Datos de Intensidades

En general, donde las referencias son comprobadas sólo para la primera localidad bajo un evento dado, éstos son aplicables a todas las localidades para ese evento, que se encuentran en el Ecuador.

Evento 50060 – el código del interpretador debe ser JELF

Evento 02630 – la elevación de Pasto, Colombia es 2,594 mts.; el interpretador es VC

– la elevación de Ipiales, Colombia es 2,921 mts.; el interpretador es JE

Evento 02670 – Atuntaqui, el interpretador es JEWC

ECUADOR

CATALOG OF EARTHQUAKE INTENSITY DATA

1541 - 1980

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50000	1541 04 00	00:00:00		-0.140 -78.270				9K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	27	45	251	9K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50010	1557 02 00	00:00:00		-1.500 -78.500				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	142	147	360	7K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50020	1575 00 00	00:00:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50030	1587 09 04	01:00:00		-0.220 -78.500				10K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		10K	JELF	901	
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	56	66	360	7K	JELF	902	
EC NORTE DE QUITO	PICHINCHA	ECUADOR	0.03	-78.50	2800	28	45	360	10K	JELF		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50035	1590 04 00	00:00:00		-0.220 -78.500				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		5K	JE	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50040	1628 05 15	00:00:00		-0.220 -78.500				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		5K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50050	1645 03 15	00:00:00		-1.680 -78.780				9K			4

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320		36		9K	JELF	923	
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815	53	64	54	8K	JE	901	
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	53	64	20	7K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	165	169	11	5K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50060	1651 12 04	00:00:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JEFL	901	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50070	1653 07 09	00:00:00		-2.190 -79.890				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6		33		7K	JELF	904	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50080	1656 01 00	00:00:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50090	1660 10 27	15:00:00		-0.190 -78.590				7K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN PICHINCHA	PICHINCHA	ECUADOR	-0.16	-78.59	4794	3	38	360	7K	JELF	901	
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	11	37	108	7K	JELF	902	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50100	1661 01 00	00:00:00		-0.220 -78.500				6K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SINCHOLAGUA	PICHINCHA	ECUADOR	-0.53	-78.36		38	52	156	6K	JELF	901	
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JELF		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50110	1661 12 00	00:00:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50120	1662 01 01	00:00:00		-0.220 -78.600				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		7K	JELF	905	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 50130	1662 02 00	00:00:00	-0.220	-78.500				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		7K	JELF	901	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 50135	1662 11 23	00:00:00	-0.220	-78.500				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		7K	JE	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50140	1674 08 29	00:00:00		-1.700 -79.030				10K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	60	70	158	10K	JELF	909	
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450		35		8K	JE		
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320	28	46	85	8K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50150	1678 01 05	06:00:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JELF	903	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50160	1687 11 22	00:00:00		-1.300 -78.600				8K			9

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	8	36	344	7K	JELF	901	
EC PELILEO	TUNGURAHUA	ECUADOR	-1.33	-78.52	2800	9	37	111	7K	JELF	910	
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	41	54	358	6K	JELF		
EC IZAMBA	TUNGURAHUA	ECUADOR	-1.22	-78.58	2520	9	37	14	7K	JELF		
EC QUISAPINCHA	TUNGURAHUA	ECUADOR	-1.23	-78.67	2920	11	38	315	7K	JELF		
EC PILLARO	TUNGURAHUA	ECUADOR	-1.16	-78.54	2805	17	40	23	7K	JELF		
EC SN.MIGUELITO	TUNGURAHUA	ECUADOR	-1.20	-78.53	2680	14	38	35	7K	JELF		
EC CERRO PONDOA	TUNGURAHUA	ECUADOR							8K	JELF		
EC CERRO SACATOA	TUNGURAHUA	ECUADOR							8K	JELF		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50170	1698 06 20	06:00:00		-1.180 -78.700				10K			15

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	10	37	122	10K	JELF	906	
EC CARIHUAIRAZO	TUNGURAHUA	ECUADOR	-1.41	-78.77	5020	27	46	197	10K	JELF	901	
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	30	46	20	9K	JE		
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320	56	67	189	8K	JE		
EC TIXAN ANTIGUO	CHIMBORAZO	ECUADOR	-2.16	-78.83	2500	110	115	188	9K	JE		
EC MOCHA	TUNGURAHUA	ECUADOR	-1.42	-78.67	3260	27	45	173	8K	JE		
EC PILLARO	TUNGURAHUA	ECUADOR	-1.16	-78.54	2805	18	40	83	8K	JE		
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	68	77	212	8K	JE		
EC COLTA	CHIMBORAZO	ECUADOR	-1.72	-78.75	3300	60	70	185	9K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50170	1698 06 20	06:00:00		-1.180 -78.700				10K			15

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CHIMBORAZO	CHIMBORAZO	ECUADOR	-1.46	-78.81	6000	33	51	201	9K	JE		
EC TIOPULLO	COTOPAXI	ECUADOR	-0.66	-78.59	3460	59	69	12	5K	JE		
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.22	-78.83	2356	117	122	187	6K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	109	115	12	4K	JE		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	163	167	17	2K	JE		
EC GATAZO	CHIMBORAZO	ECUADOR							7K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50180	1703 03 00	00:00:00		-0.900 -78.600				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	4	36	197	7K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL INTENSITY		DEP KMS	MAGNITUDES MS Mb	MAX INT OBS EST COM	NUM OBS
EC 50190	1725 02 00	00:00:00	-0.800	-78.900			5K	1

INTENSITY OBSERVATIONS

LOCATION		COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN QUILOTOA COTOPAXI	ECUADOR	-0.86	-78.90	3700		37		5K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL INTENSITY		DEP KMS	MAGNITUDES MS Mb	MAX INT OBS EST COM	NUM OBS
EC 50200	1728 10 00	00:00:00	-0.500	-78.200			5K	1

INTENSITY OBSERVATIONS

LOCATION		COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN ANTISANA PICHINCHA	ECUADOR	-0.50	-78.20	5700		39		5K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50210	1736 12 06	05:00:00		-0.760 -78.680				8K			7

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PASTOCALLE	COTOPAXI	ECUADOR	-0.72	-78.63	3180	7	37	51	7K	JELF	901	
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	20	41	158	6K	JELF	910	
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	22	42	183	7K	JELF		
EC TOACASO	COTOPAXI	ECUADOR	-0.76	-78.68	3180		36		7K	JELF		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	8	37	180	7K	JE		
EC ILINIZA	COTOPAXI	ECUADOR	-0.64	-78.72	4000	14	40	342	8K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	63	72	18	4K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50220	1739 04 10	00:00:00		-1.900 -78.300				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN SANGAY	MORONA SANTIAGO	ECUADOR	-1.96	-78.36	5230		38		5K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50230	1740 08 27	10:00:00		-0.220 -78.509				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		5K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50240	1740 09 12	10:00:00		-0.220 -78.500				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		4K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50250	1740 09 14	09:00:00		-0.220 -78.500				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		5K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50270	1740 12 00	00:00:00		-0.860 -78.900				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN QUILOTOA	COTOPAXI	ECUADOR	-0.86	-78.90	3700		37		4K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50280	1741 06 14	18:45:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2813		36		6K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50290	1741 07 13	00:00:00		-3.010 -79.040				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC TARQUI	AZUAY	ECUADOR	-3.01	-79.04	2600		36		4K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50300	1741 07 16	09:30:00		-3.010 -79.040				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC TARQUI	AZUAY	ECUADOR	-3.01	-79.04	2600		36		4K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50310	1741 08 25	00:00:00		-3.010 -79.040				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC TARQUI	AZUAY	ECUADOR	-3.01	-79.04	2600		36		4K	JELF	910	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50320	1742 06 15	00:00:00		-0.700 -78.400				4K			1

INTENSITY OBSERVATIONS

LOCATION	COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN COTOPAXI COTOPAXI ECUADOR	-0.70	-78.40	5897		39		4K	JELF	910	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50330	1742 12 09	18:00:00		-0.700 -78.400				5K			1

INTENSITY OBSERVATIONS

LOCATION	COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN COTOPAXI COTOPAXI ECUADOR	-0.70	-78.40	5897		39		5K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50340	1743 04 30	00:00:00		-0.700 -78.400				4K			1

INTENSITY OBSERVATIONS

LOCATION	COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN COTOPAXI COTOPAXI ECUADOR	-0.70	-78.40	5897		39		4K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50350	1744 11 30	00:00:00		-0.700 -78.400				4K			1

INTENSITY OBSERVATIONS

LOCATION	COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN COTOPAXI COTOPAXI ECUADOR	-0.70	-78.40	5897		39		4K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50360	1745 00 00	00:00:00		-1.400 -78.390				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815		35		7K	JELF	911	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50370	1749 01 20	00:00:00		-4.000 -79.200				8K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064		35		8K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50380	1755 04 26	00:00:00		-0.220 -78.500				9K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		9K	JELF	912	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50390	1757 02 22	00:00:00		-0.930 -78.610				9K			7

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740		36		9K	JELF	901	
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	33	48	182	8K	JE		
EC TOACASO	COTOPAXI	ECUADOR	-0.76	-78.68	3180	20	42	338	8K	JE		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	14	38	325	8K	JE		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	9	37	249	8K	JE		
EC PILLARO	TUNGURAHUA	ECUADOR	-1.16	-78.54	2805	27	45	163	8K	JE		
EC CULAPACHAN	COTOPAXI	ECUADOR							9K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50400	1764 07 15	05:30:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50410	1766 01 22	21:00:00		0.440 -77.970				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CARPUELA	IMBABURA	ECUADOR	0.44	-77.97	1830		35		5K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50420	1768 04 03	02:30:00		-0.700 -78.400				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN COTOPAXI	COTOPAXI	ECUADOR	-0.70	-78.40	5897		39		5K	JELF	901	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50430	1768 04 04	09:30:00		-0.760 -78.680				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC TOACASO	COTOPAXI	ECUADOR	-0.76	-78.67	3180	1	36	90	4K	JELF	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50440	1775 06 24	00:00:00		-0.220 -78.500				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		6K	JELF	903	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50450	1776 01 03	00:00:00		-1.470 -78.440				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EL VOLCAN TUNGURAHUA	TUNGURAHUA	ECUADOR	-1.47	-78.44	5016		38		5K	JELF	910	

EVENT									
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS EST COM	NUM OBS
EC 50460	1786 04 18	10:00:00		-1.670 -78.700				4K	1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LICAN	CHIMBORAZO	ECUADOR	-1.67	-78.70	2880		36		4K	JELF	910	

EVENT									
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS EST COM	NUM OBS
EC 50470	1786 05 10	15:00:00		-1.670 -78.700				8K	11

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LICAN	CHIMBORAZO	ECUADOR					36		8K	JELF	926	
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.67	-78.70	2880							
EC CAJABAMBA	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320	9	37	263	8K	JE		
EC SICALPA	CHIMBORAZO	ECUADOR	-1.70	-78.75	3212	6	37	239	8K	JE		
EC MISQUILLI	CHIMBORAZO	ECUADOR	-1.70	-78.77	3200	8	37	247	8K	JE		
			-1.71	-78.76	3160	8	37	236	8K	JE		
EC STO.DOMINGO	CHIMBORAZO	ECUADOR	-1.72	-78.77	3400	10	38	234	7K	JE		
EC SIGCHOGUAYCO	CHIMBORAZO	ECUADOR							7K	JE		
EC CUNUGPOGYO	CHIMBORAZO	ECUADOR							7K	JE		
EC SAN BLAS	CHIMBORAZO	ECUADOR							7K	JE		
EC SN FRANCISCO	CHIMBORAZO	ECUADOR							7K	JE		
EC BARRIO NUEVO	CHIMBORAZO	ECUADOR							7K	JE		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 50480	1786 06 13	00:00:00	-1.670	-78.700				5K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LICAN	CHIMBORAZO	ECUADOR	-1.67	-78.70	2880		36		5K	JELF	926	
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320	9	37	263	5K	JE		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 50490	1786 06 23	02:30:00	-1.670	-78.700				4K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LICAN	CHIMBORAZO	ECUADOR	-1.67	-73.70	2880		36		4K	JELF	926	
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320	9	37	263	4K	JELF		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50500	1786 06 23	07:15:00		-1.670 -78.700				5K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LICAN	CHIMBORAZO	ECUADOR	-1.67	-78.70	2880		36		4K	JELF	926	
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320	9	37	263	4K	JELF		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50510	1787 06 11	14:45:00		-2.190 -79.890				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6		33		5K	JELF		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50520	1797 02 04	12:30:00	-1.670 -78.640					11K			100

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC RIOBAMBA ANTIGUO	CHIMBORAZO	ECUADOR	-1.68	-78.78	3320	16	40	266	11K	JE	926	
EC CERRO CULLCA	CHIMBORAZO	ECUADOR	-1.68	-78.79	3400	17	40	266	11K	JE	914	
EC PENIPE	CHIMBORAZO	ECUADOR	-1.57	-78.53	2510	17	39	48	11K	JE		
EC CERRO PICHAN	CHIMBORAZO	ECUADOR	-1.56	-78.71	3150	14	39	328	10K	JE		
EC ELEN	CHIMBORAZO	ECUADOR	-1.61	-78.61	2640	7	36	27	10K	JE		
EC GUANO	CHIMBORAZO	ECUADOR	-1.60	-78.63	2713	8	37	8	10K	JE		
EC CALPI	CHIMBORAZO	ECUADOR	-1.73	-78.74	3080	13	38	239	10K	JE		
EC SN.ANDRES	CHIMBORAZO	ECUADOR	-1.59	-78.69	2880	10	37	328	10K	JE		
EC CUSUBAMBA	CHIMBORAZO	ECUADOR	-1.07	-78.70	3205	67	76	354	10K	JE		
EC GUANANDO	CHIMBORAZO	ECUADOR	-1.54	-78.54	2400	18	40	38	10K	JE		
EC CHAMBO	CHIMBORAZO	ECUADOR	-1.72	-78.59	2759	8	37	135	10K	JE		
EC PUNIN	CHIMBORAZO	ECUADOR	-1.76	-78.65	2800	10	37	186	10K	JE		
EC YARUQUIES	CHIMBORAZO	ECUADOR	-1.69	-78.67	2800	4	36	236	10K	JE		
EC LICAN	CHIMBORAZO	ECUADOR	-1.66	-78.70	2880	7	37	279	10K	JE		
EC CAJABAMBA	CHIMBORAZO	ECUADOR	-1.70	-78.75	3212	13	38	255	10K	JE		
EC LICTO	CHIMBORAZO	ECUADOR	-1.78	-78.55	2880	16	39	141	10K	JE		
EC GUAMOTE	CHIMBORAZO	ECUADOR	-1.93	-78.72	3020	30	47	197	10K	JE		
EC CALLATA	CHIMBORAZO	ECUADOR	-1.81	-78.59	3850	17	40	160	10K	JE		
EC SN.LUIS	CHIMBORAZO	ECUADOR	-1.71	-78.64	2680	4	36	180	10K	JE		
EC QUERO	CHIMBORAZO	ECUADOR	-1.38	-78.59	2959	33	49	10	9K	JE		
EC CERRO LLIMPI	TUNGURAHUA	ECUADOR	-1.21	-78.57	3732	52	64	9	10K	JE		
EC MACAJI	CHIMBORAZO	ECUADOR	-1.66	-78.69	2940	6	36	281	9K	JE		
EC GUASUNTOS	CHIMBORAZO	ECUADOR	-2.23	-78.80	2356	65	74	196	8K	JE		
EC TIXAN	CHIMBORAZO	ECUADOR	-2.14	-78.79	2922	55	66	198	8K	JE		
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	63	72	200	8K	JE		
EC SIBAMBE	CHIMBORAZO	ECUADOR	-2.19	-78.87	2419	63	72	204	8K	JE		
EC CHUNCHI	CHIMBORAZO	ECUADOR	-2.29	-78.91	3000	75	83	204	8K	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	49	60	3	9K	JE		
EC STA.ROSA	TUNGURAHUA	ECUADOR	-1.28	-78.66	3040	43	56	357	9K	JE		
EC HDA.YATAQUI	TUNGURAHUA	ECUADOR	-1.36	-78.50	2200	38	52	24	8K	JE		
EC MOCHA	TUNGURAHUA	ECUADOR	-1.42	-78.67	3260	28	46	353	8K	JE		
EC PELILEO VIEJO	TUNGURAHUA	ECUADOR	-1.33	-78.52	2800	40	54	19	9K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50520	1797 02 04	12:30:00	-1.670 -78.640					11K			100

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUISAPINCHA	TUNGURAHUA	ECUADOR	-1.23	-78.67	2920	49	61	356	8K	JE		
EC IZAMBA	TUNGURAHUA	ECUADOR	-1.22	-78.58	2520	50	60	8	8K	JE		
EC TISALEO	TUNGURAHUA	ECUADOR	-1.35	-78.66	3327	36	51	356	8K	JE		
EC PATATE VIEJO	TUNGURAHUA	ECUADOR	-1.19	-78.50	2360	56	66	16	8K	JE		
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1816	41	54	43	8K	JE		
EC PILLARO	TUNGURAHUA	ECUADOR	-1.16	-78.54	2805	58	68	11	8K	JE		
EC HDA.QUILLAN	TUNGURAHUA	ECUADOR	-1.22	-78.54	2200	51	62	13	9K	JE		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	82	89	2	8K	JE		
EC CERRO PUTZALAHUA	COTOPAXI	ECUADOR	-0.96	-78.55	3512	80	88	7	10K	JE		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.58	2960	94	100	357	8K	JE		
EC NINTANGA	COTOPAXI	ECUADOR	-0.84	-78.63	2930	92	99	1	8K	JE		
EC TILIPULO	COTOPAXI	ECUADOR	-0.90	-78.65	3460	86	93	359	8K	JE		
EC CANCHAGUA	COTOPAXI	ECUADOR	-0.81	-78.69	3080	96	103	357	8K	JE		
EC RIO AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.55	2240	50	61	12	9K	JE		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	130	135	4	6K	JE		
EC TIOPULLO	COTOPAXI	ECUADOR	-0.66	-78.59	3460	112	118	3	7K	JE		
EC CALLO	COTOPAXI	ECUADOR	-0.70	-78.60	2128	108	114	2	8K	JE		
EC ALAQUES	COTOPAXI	ECUADOR	-0.86	-78.59	2895	90	97	4	9K	JE		
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3020	99	105	4	9K	JE		
EC TANICUCHI	COTOPAXI	ECUADOR	-0.78	-78.63	2970	99	105	1	9K	JE		
EC TOACASO	COTOPAXI	ECUADOR	-0.76	-78.68	3180	101	107	357	8K	JE		
EC CERRO CALLO	COTOPAXI	ECUADOR	-0.71	-78.58	3186	107	113	4	7K	JE		
EC GUAYTACAMA	COTOPAXI	ECUADOR	-0.82	-78.64	2960	95	102		8K	JE		
EC CUICUNO	COTOPAXI	ECUADOR	-0.77	-78.68	2980	100	106	357	8K	JE		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	79	87	356	8K	JE		
EC MULALILLO	COTOPAXI	ECUADOR	-1.09	-78.62	2800	65	74	2	9K	JE		
EC SN.FELIPE	COTOPAXI	ECUADOR	-0.93	-78.63	2800	82	89	1	9K	JE		
EC LA CALERA	CHIMBORAZO	ECUADOR	-1.52	-78.92	4000	35	51	298	10K	JE		
EC SIGCHOS	COTOPAXI	ECUADOR	-0.70	-78.90	2900	112	118	345	8K	JE		
EC ISINLIVI	COTOPAXI	ECUADOR	-0.77	-78.86	2951	103	109	346	7K	JE		
EC ANGAMARCA	COTOPAXI	ECUADOR	-1.10	-78.93	3970	71	80	333	7K	JE		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	41	54	282	8K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL INTENSITY		DEP KMS	MAGNITUDES MS Mb	MAX INT OBS EST COM	NUM OBS
EC 50520	1797 02 04	12:30:00	-1.670	-78.640			11K	100

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SIMIATUG	BOLIVAR	ECUADOR	-1.29	-78.95	3210	55	66	320	7K	JE		
EC PALLATANGA	CHIMBORAZO	ECUADOR	-1.99	-78.96	1600	50	61	225	7K	JE		
EC CHILLANES	BOLIVAR	ECUADOR	-1.94	-79.06	2300	55	66	237	7K	JE		
EC GUANUJO	BOLIVAR	ECUADOR	-1.55	-79.00	2923	42	55	288	8K	JE		
EC ASANCOTO	BOLIVAR	ECUADOR	-1.66	-79.17	1600	59	68	271	8K	JE		
EC CERRO TILULUN	TUNGURAHUA	ECUADOR	-1.28	-78.68	2880	46	55	354	10K	JE		
EC COLUMBE	CHIMBORAZO	ECUADOR	-1.88	-78.72	3160	25	44	201	10K	JE		
EC YATAQUI	CHIMBORAZO	ECUADOR	-1.35	-78.51	2220	38	52	22	8K	JE		
EC CHAPACOTO	BOLIVAR	ECUADOR	-1.66	-79.05	2500	46	58	271	7K	JE		
EC SN.LORENZO	BOLIVAR	ECUADOR	-1.67	-78.98	2600	38	52	270	7K	JE		
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	43	56	266	5K	JE		
EC SN.MIGUEL	BOLIVAR	ECUADOR	-1.72	-79.05	2450	46	58	263	8K	JE		
EC SANTIAGO	BOLIVAR	ECUADOR	-1.70	-78.99	2600	39	53	265	8K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	162	166	6	7K	JE		
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.43	2785	142	146	9	7K	JE		
EC IBARRA	IMBABURA	ECUADOR	0.35	-78.11	2628	233	236	15	4K	JE		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	266	268	193	3K	JE		
EC TENA	NAPO	ECUADOR	-1.00	-77.80	527	119	124	51	3K	JE		
EC HDA.GANZI	TUNGURAHUA	ECUADOR							11K	JE		
EC ALLANCAXI	CHIMBORAZO	ECUADOR							10K	JE		
EC SONPUENE	CHIMBORAZO	ECUADOR							10K	JE		
EC CERRO GALAN	CHIMBORAZO	ECUADOR							10K	JE		
EC HDA.ITVIOCACHA	CHIMBORAZO	ECUADOR							9K	JE		
EC HDA.FIPIN	CHIMBORAZO	ECUADOR							9K	JE		
EC BALMANEDA	CHIMBORAZO	ECUADOR	-1.71	-78.76	3100	14	39	252	8K	JE		
EC MIRAFLORES	TUNGURAHUA	ECUADOR							8K	JE		
EC SALAMALAG	COTOPAXI	ECUADOR							8K	JE		
EC SN.MIGUEL	COTOPAXI	ECUADOR	-1.04	-78.59	2636	70	79	5	8K	JE		
EC TARIGAGUA	BOLIVAR	ECUADOR	-1.49	-79.36		82	88	284	8K	JE		
EC CHININTANGA LOMA		ECUADOR							9K	JE		
EC CERRO HUAICOPUNGO		ECUADOR							9K	JE		
EC CERRO TANDAPATAC		ECUADOR							9K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50520	1797 02 04	12:30:00		-1.670 -78.640				11K			100

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CERRO CHUMAQUI		ECUADOR							9K	JE		
EC CERRO GUAMBOA		ECUADOR							9K	JE		
CO POPAYAN	CAUCA	COLOMBI	2.45	-76.60		511	512	26	3K	JE		
PE PIURA	PIURA	PERU	-5.20	-80.67		453	454	210	3K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50530	1797 03 18	20:25:00		0.400 -77.800				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	53	64	223	5K	JELF	910	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50550	1802 00 00	00:00:00		-0.930 -78.610				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740		36		5K	LFVC	910	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50560	1803 00 00	00:00:00		-1.670 -78.640				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754		36		6K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL INTENSITY		DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 50570	1840 04 00	00:00:00	0.100	-75.800				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PTO RIERA	NAPO	ECUADOR	0.10	-75.80	200		36		4K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL INTENSITY		DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 50580	1840 10 09	00:00:00	-1.310	-78.500				6K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PATATE	TUNGURAHUA	ECUADOR	-1.31	-78.50	2360		35		6K	JE	910	
EC PELILEO VIEJO	TUNGURAHUA	ECUADOR	-1.33	-78.52	2800	3	36	225	6K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50590	1855 00 00	00:00:00		-0.680 -78.420				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC VOLCAN COTOPAXI	COTOPAXI	ECUADOR	-0.68	-78.42	2597		36		4K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50600	1856 02 10	00:00:00		-2.900 -79.000				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527		36		7K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50610	1859 01 22	18:05:00		0.700 -79.900				4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	41	53	41	4K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50620	1859 03 22	13:30:00		-0.220 -78.500				8K			25

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		8K	JE	915 901 910	
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	32	48	192	8K	JE		
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	13	38	149	8K	JE		
EC CONOCOTO	PICHINCHA	ECUADOR	-0.27	-78.47	2536	6	36	149	8K	JE		
EC CHILLOGALLO	PICHINCHA	ECUADOR	-0.30	-78.58	2886	13	38	225	8K	JE		
EC TIOPULLO	COTOPAXI	ECUADOR	-0.66	-78.59	3460	50	62	192	8K	JE		
EC URCUQUI	IMBABURA	ECUADOR	0.43	-78.18	2100	80	88	26	7K	JE		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	63	72	25	7K	JE		
EC SN.PABLO	IMBABURA	ECUADOR	0.19	-78.18	2680	58	68	38	7K	JE		
EC IMANTAG	IMBABURA	ECUADOR	0.36	-78.24	3055	71	80	24	7K	JE		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	80	88	189	7K	JE		
EC EL ANGEL	CARCHI	ECUADOR	0.62	-77.94	3001	112	118	34	3K	JE		
EC JUNCAL	CARCHI	ECUADOR	0.78	-77.98	3500	125	130	27	3K	JE		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	162	166	186	4K	JE		
EC GUANO	CHIMBORAZO	ECUADOR	-1.60	-78.63	2713	154	158	185	6K	JE		
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	223	226	189	3K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50620	1859 03 22	13:30:00		-0.220 -78.500				8K			25

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-78.93	2608	160	164	197	6K	JE		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	186	189	316	3K	JE		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	268	270	215	3K	JE		
EC SN LUIS	IMBABURA	ECUADOR							7K	JE		
EC JORDAN	IMBABURA	ECUADOR							7K	JE		
EC HDA.LA QUINTA	PICHINCHA	ECUADOR	0.12	-78.38	2400	40	53	19	7K	JE		
EC HDA.QUISINGUIG	IMBABURA	ECUADOR							7K	JE		
EC HDA.PERUGACHI	IMBABURA	ECUADOR							7K	JE		
EC SN.SEBASTIAN	COTOPAXI	ECUADOR							8K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50621	1868 05 17	18:00:00		-1.160 -78.540				7K			8

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PILLARO	TUNGURAHUA	ECUADOR	-1.16	-78.54	2805		36		7K	JEVC	916	
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	12	38	229	6K	JEVC		
EC IZAMBA	TUNGURAHUA	ECUADOR	-1.22	-78.58	2520	8	36	214	7K	JEVC		
EC PELILEO VIEJO	TUNGURAHUA	ECUADOR	-1.33	-78.52	2800	19	41	173	7K	JEVC		
EC MOCHA	TUNGURAHUA	ECUADOR	-1.42	-78.67	3260	32	49	207	6K	JEVC		
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815	31	47	148	5K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	105	111	2	3K	JEVC		
EC CULAPACHAN	TUNGURAHUA	ECUADOR							6K	JEVC		

EVENT									
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS EST COM	NUM OBS
EC 50640	1868 08 16	06:30:00		0.310 -78.180				10K	65

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	13	38	222	10K	JE	916 926	
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	9	36	256	10K	JE		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	10	36	54	9K	JE		
EC TOCACHI	IMBABURA	ECUADOR	0.05	-78.28	2870	31	47	201	9K	JE		
EC PIMAMPIRO	IMBABURA	ECUADOR	0.40	-77.93	2060	30	46	70	8K	JE		
EC SN.ANTONIO	IMBABURA	ECUADOR	0.33	-78.11	2260	8	36	74	9K	JE		
EC NATABUELA ALTO	IMBABURA	ECUADOR	0.34	-78.18	2300	3	35		9K	JE		
EC CARANQUI	IMBABURA	ECUADOR	0.33	-78.10	2240	9	36	76	8K	JE		
EC URCUQUI	IMBABURA	ECUADOR	0.43	-78.18	2100	13	38		10K	JE		
EC SALINAS	IMBABURA	ECUADOR	0.57	-78.21	1500	29	45	353	9K	JE		
EC TUMBABIRO	IMBABURA	ECUADOR	0.47	-78.20	2030	18	39	353	9K	JE		
EC IMANTAG	IMBABURA	ECUADOR	0.36	-78.24	3055	9	37	310	10K	JE		
EC PERUCHO	PICHINCHA	ECUADOR	0.13	-78.42	1830	33	48	233	9K	JE		
EC VOLCAN COTACACHI	IMBABURA	ECUADOR	0.49	-78.54	4937	45	59	297	9K	JE		
EC CHOTA	IMBABURA	ECUADOR	0.48	-78.06	2000	23	42	35	8K	JE		
EC INTAG	IMBABURA	ECUADOR	0.30	-78.50	2200	36	50	268	7K	JE		
EC ATUNTAQUI	IMBABURA	ECUADOR	0.34	-78.23	2350	6	36	301	9K	JE		
EC SN.PABLO DEL LAGO	IMBABURA	ECUADOR	0.19	-78.18	2680	13	38	180	9K	JE		
EC AMBUQUI	IMBAEURA	ECUADOR	0.42	-78.00	1830	23	42	59	6K	JE		
EC CAHUASQUI	IMBABURA	ECUADOR	0.52	-78.21	2340	24	42	352	8K	JE		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	76	84	43	5K	JE		
EC COTOCOLLAO	PICHINCHA	ECUADOR	-0.10	-78.49	2784	57	67	217	7K	JE		
EC SN.ANTONIO	PICHINCHA	ECUADOR	-0.01	-78.44	2430	46	58	219	8K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	69	78	211	7K	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	178	181	196	4K	JE		
EC MALCHINGUI	PICHINCHA	ECUADOR	0.07	-78.33	2900	31	48	212	9K	JE		
EC NANEGAL	PICHINCHA	ECUADOR	0.14	-78.68	900	59	68	251	8K	JE		
EC PUELLARO	PICHINCHA	ECUADOR	0.12	-78.40	2063	32	48	229	8K	JE		
EC MINDO	PICHINCHA	ECUADOR	-0.05	-78.77	1770	77	84	239	8K	JE		
EC YARUQUI	PICHINCHA	ECUADOR	-0.17	-78.32	2570	56	65	196	7K	JE		
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	76	84	202	7K	JE		
EC HDA.CONRROGAL	PICHINCHA	ECUADOR	0.10	-78.42	1940	35	50	229	9K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL INTENSITY		DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 50640	1868 08 16	06:30:00	0.310	-78.180				10K			65

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC HDA.PIGANTA	PICHINCHA	ECUADOR	0.15	-78.30	2200	22	42	217	8K	JE		
EC EL CABUYAL AMBI	PICHINCHA	ECUADOR	0.06	-78.44	2360	40	150	226	8K	JE		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	146	150	199	5K	JE		
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	29	46	169	7K	JE		
EC CANGAHUA	PICHINCHA	ECUADOR	-0.07	-78.17	3070	42	56	178	6K	JE		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	226	229	193	4K	JE		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	279	281	212	4K	JE		
EC PUCARA	CHIMBORAZO	ECUADOR	-1.77	-78.61	2900	236	239	192	6K	JE		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	337	238	214	4K	JE		
EC PINAN	IMBABURA	ECUADOR	0.49	-78.34	4400	27	46	318	8K	JE		
EC PINSAQUI	IMBABURA	ECUADOR	0.33	-78.26	2340	9	36	284	10K	JE		
EC PEGUCHE	IMBABURA	ECUADOR	0.26	-78.23	2620	8	36	225	10K	JE		
EC HDA.QUITUMBITA	IMBABURA	ECUADOR							9K	JE		
EC HDA.EL MOLINO	IMBABURA	ECUADOR							9K	JE		
EC CHALGUAR	IMBABURA	ECUADOR							9K	JE		
EC SN.JOSE DE TURO		ECUADOR							8K	JE		
EC TABABUELA	IMBABURA	ECUADOR	0.49	-78.08	1400	23	31	29	8K	JE		
EC LAGO YAGUARCOCHA	IMBABURA	ECUADOR	0.38	-78.09	2200	13	37	52	8K	JE		
EC CERRO IMBABURA	IMBABURA	ECUADOR							8K	JE		
EC LOMA GUAYAVILLAS	IMBABURA	ECUADOR							8K	JE		
EC LULUNQUI	IMBABURA	ECUADOR							8K	JE		
EC VOLCAN AZAYA	IMBABURA	ECUADOR							8K	JE		
EC ANGOCHAHUA	IMBABURA	ECUADOR	0.24	-78.07	2750	14	39	122	7K	JE		
EC HDA.LA MAGDALENA	IMBABURA	ECUADOR							8K	JE		
EC YANAYACO	IMBABURA	ECUADOR							9K	JE		
EC PUENTE AMBI	IMBABURA	ECUADOR	0.23	-78.26	2500	12	38	225	8K	JE		
EC CORD.CUSPIGUAICO	IMBABURA	ECUADOR							8K	JE		
EC CERRO LA VIUDA	IMBABURA	ECUADOR							8K	JE		
EC CULQUIPOLSA PUENT.	IMBABURA	ECUADOR							8K	JE		
CO IPIALES	NARINO	COLOMBI	0.82	-77.63	2921	83	91	47	7K	JE		
CO GUAYTARA	NARINO	COLOMBI	1.18	-77.50		123	127	38	6K	JE		
CO TUMACO	NARINO	COLOMBI	1.80	-78.80	4	179	182	337	4K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50640	1868 08 16	06:30:00		0.310 -78.180				10K			65

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
CO BUENAVENTURA	VALLE	COLOMBI	3.90	-77.00	4	420	421	18	3K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50650	1891 10 23	16:56:00		-0.220 -78.500				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		30		5K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50560	1895 10 02	16:35:00		-0.220 -78.500				5K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		5K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 50670	1896 05 03	13:45:00		-1.000 -80.400							4

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	9	34	220	8K	JE		
EC MANTA	MANABI	ECUADOR	-0.94	-80.73	6	37	50	280	6K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	228	231	68	4K	JE		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	359	361	56	3K	JE		

EVENT									
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS EST COM	NUM OBS
EC 50680	1897 01 09	19:45:00		-0.220 -78.500				4K	1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		35		4K	LFVC	910	

EVENT									
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS EST COM	NUM OBS
EC 00016	196 :5 04	16:00:00		-4.000 -79.200				7K	1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064		35		7K	LFVC	910	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 00019	1906 01 31	08:00.00	1.000	-80 000				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	50	38	93	7K	LFVC	910	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS	EST	COM	NUM OBS
EC 00020	1906 01 31	15:36.00	1 000	-81.500	25	8.9		9M			65

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS	ESMERALDAS	ECUADOR	1.00	-79.70	26				9M	UTLO		
EC ESMERALDAS	ESMERALDAS	ECUADOR	1.00	-79.70	26				8M	TPRG		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	204	206	91	8M	JE	917	
EC LIMONES	ESMERALDAS	ECUADOR	1.24	-78.99	5	280	281	95	8M	JE		
EC ISLAS LIMONES	ESMERALDAS	ECUADOR	1.27	-79.01	5	278	279	96	9M	JE		
EC LA TOLA	ESMERALDAS	ECUADOR	1.20	-79.05	5	273	274	95	8M	JE		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.86	6	398	399	153	6M	JE		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	382	383	145	5M	JE		
EC JIPIJAPA	MANABI	ECUADOR	-1.35	-80.58	180	280	282	159	5M	JE		
EC DAULE	GUAYAS	ECUADOR	-1.86	-79.97	20	360	362	152	4M	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	360	362	112	4M	JE		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	386	388	124	4M	JE		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	400	402	130	4M	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	405	406	128	4M	JE		
EC CUBIJIES	CHIMBORAZO	ECUADOR	-1.65	-78.58	2740	438	440	132	7M	JE		
EC GUANO	CHIMBORAZO	ECUADOR	-1.60	-78.63	2713	430	432	132	5M	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00020	1906 01 31	15:36:00	1.000 -81.500		25	8 9		9M			65

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC OTAVALO	IMBABURA	ECUADOR	0 25	-78.27	2556				7M	TPRG		
EC OTAVALO	IMBABURA	ECUADOR	0.25	-78 27	2556				6M	UTLO		
EC QUITO	PICHINCHA	ECUADOR	-0.20	-78.50	2800				7M	TPRG		
EC QUITO	PICHINCHA	ECUADOR	-0.20	-78.50	2800				6M	UTLO		
EC QUITO	PICHINCHA	ECUADOR	-0.20	-78.50	2800				5M	TPRG		
EC GUAYAQUIL	GUAYAS	ECUADOR	-5 15	-79 90	5				6M	TPRG		
EC BOCA GRANDE									8M	JE		
EC LAS VARAS									8M	JE		
EC TELENGI									8M	JE		
EC GALERA ZAMBA									7M	JE		
EC TURBACO									8M	JE		
EC CHANGAL												
CO IPIALES	NARINO	COLOMB.	0.82	-77 63		430	432	93	8M	JE		
CO BARBACOAS	NARINO	COLOMB.	1.67	-78.08		387	389	79	8M	JE		
CO TUMACO	NARINO	COLOMB.	1.80	-78.80		313	315	73	8M	JE		
CO PATIA	CAUCA	COLOMB	2 04	-76.97		516	517	77	8M	JE		
CO POPAYAN	CAUCA	COLOMB.	2.45	-76 60		568	569	74	7M	JE		
CO BUENAVENTURA	VALLE	COLOMB.	3 89	-77 00		594	595	57	6M	JE		
CO TUMACO		COLOMB.	1.80	-78.88	2				9M	TPRG	801	
CO TUMACO		COLOMB.	1.80	-78.77	2				8M	TPRG		
CO BARBACOAS			1 68	-78 13	36				8M	TPRG		
CO BARBACOAS			1.68	-78.13	36				9M	UTLO		
CO GUAPI			2.57	-77 90	5				9M	TPRG		
CO GUAPI			2.57	-77.90	5				8M	TPRG		
CO CALI			3.45	-76.53	995				7M	TPRG		
CO CALI			3.45	-76.53	995				9M	UTLO		
CO POPAYAN			2.45	-76.62	1738				7M	TPRG		
CO POPAYAN	CAUCA	COLOMB.	2.45	-76.62	1738				6M	UTLO		
CO TUQUERRES	NARINO	COLOMB.	1.10	-77.62	3051				7M	TPRG		
CO TUQUERRES	NARINO	COLOMB.	1.10	-77.62	3051				6M	UTLO		
EC IBARRA	IMBABURA	ECUADOR	0 37	-78.12					7M	TPRG		
EC IBARRA	IMBABURA	ECUADOR	0.37	-78.12					6M	UTLO		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00020	1906 01 31	15:36:00	1.000 -81.500		25	8.9		9M			65

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
CO TIMBIO			2.35	-76.70	1852				7M	TPRG		
CO TIMBIO			2.35	-76.70	1852				6M	UTLO		
CO PASTO	NARINO	COLOMB.	1.22	-77.28	2527				7M	TPRG		
CO BUGA		COLOMB.	3.90	-76.30	969				7M	TPRG		
CO BUGA		COLOMB.	3.90	-76.30	969				6M	UTLO		
CO BUGA		COLOMB.	3.90	-76.30	969				5M	UTLO		
CO PEREIRA		COLOMB.	4.81	-75.70	1411				6M	UTLO		
CO PEREIRA		COLOMB.	4.81	-75.70	1411				5M	TPRG		
CO TULUA		COLOMB.	4.08	-76.20	973				6M	TPRG		
CO TULUA		COLOMB.	4.08	-76.20	973				5M	UTLO		
CO CARTAGO		COLOMB.	4.75	-75.55	917				6M	TPRG		
CO CARTAGO		COLOMB.	4.75	-75.55	917				5M	UTLO		
CO BOGOTA	CUDINAMARC	COLOMB.	4.59	-74.08	2600				5M	TPRG		
CO MEDELLIN	ANTIOQUIA	COLOMB.	6.27	-75.57	1479				5M	TPRG		
CO LORICA		COLOMB.	9.23	-75.82	23				4M	TPRG		
VE LAGO DE MARACAIBO		VENEZUE	10.00	-71.50					4M			
VE CANO COLORADO		VENEZUE	9.75	-63.25					4M			

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00026	1906 09 10	06:45:00		-0.900 -78.600				6K			6

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	4	35	198	6M	JE	917 920	
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3120	14	38	9	6M	JE		
EC EL CHASQUI	COTOPAXI	ECUADOR	-0.78	-78.69	3500	17	40	323	6M	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	78.62	2540	37	51	183	6M	JE		
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815	60	70	157	6M	JE		
EC SN MIGUELITO	TUNGURAHUA	ECUADOR	-1.20	-78.53	2680	34	49	167	6M	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00034	1913 02 27	06:00:00		-3.150 -79.150				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GIRON	AZUAY	ECUADOR	-3.15	-79.15	2118		35		7K	LFVC	910	

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00036	1914 05 31	13:29:00		-0 220 -78 200				7K			44

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PULLURIMA	PICHINCHA	ECUADOR	-0 53	-78.65	3880	27	45	270	8K	JE	919 920	
EC CUTUGLAHNA	PICHINCHA	ECUADOR	-0 36	-78.55	2886	24	43	320	8K	JE		
EC VOLCAN ANTIZANA	PICHINCHA	ECUADOR	-0.48	-78 14	5720	30	49	80	8K	JE		
EC SINCHOLAHUA	PICHINCHA	ECUADOR	-0 53	-78.36	4899	6	38	90	8K	JE		
EC CONTADERO	COTOPAXI	ECUADOR	-0 82	-78.33	3700	33	50	164	8K	JE		
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	24	43	352	7K	JE		
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.53	2785	19	40	315	7K	JE		
EC MACHACHI	PICHINCHA	ECUADOR	-0 50	-78 56	2950	17	40	281	7K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78 50	2818	36	51	344	6K	JE		
EC POMASQUI	PICHINCHA	ECUADOR	-0.05	-78.45	2560	54	64	355	6K	JE		
EC LASSO	COTOPAXI	ECUADOR	-0 75	-78.60	3000	32	32	222	6K	JE		
EC SN ANTON	COTOPAXI	ECUADOR	-0 84	-78 56	3090	38	52	206	7K	JE		
EC POTRERILLOS	COTOPAXI	ECUADOR	-0.52	-78.28	2880	14	40	86	7K	JE		
EC ZANJATUNGA	COTOPAXI	ECUADOR	-0.52	-78.27	4120	16	40	86	7K	JE		
EC HDA EL CARMEN	PICHINCHA	ECUADOR	-0.46	-78.36	3360	10	38	36	7K	JE		
EC ANTIZANILLA	PICHINCHA	ECUADOR	-0.43	-78.31	3800	16	40	45	7K	JE		
EC LATACUNGA	COTOPAXI	ECUADOR	-0 93	-78.61	2740	50	61	206	7K	JE		
EC HDA SN AGUSIN	PICHINCHA	ECUADOR	-0.36	-78.36	2760	20	41	16	7K	JE		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	45	57	222	5K	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1 23	-78.52	2540	81	89	197	5K	JE		
EC PELILEO	TUNGURAHUA	ECUADOR	-1.33	-78.54	2800	90	97	189	5K	JE		
EC PATATE	TUNGURAHUA	ECUADOR	-1.31	-78.54	2800	90	97	189	5K	JE		
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815	97	103	179	5K	JE		
EC GUANO	CHIMBORAZO	ECUADOR	-1.60	-78 63	2713	121	127	192	5K	JE		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754				4K	JE		
EC ATUNTAQUI	IMBABURA	ECUADOR	0 34	-78 23	2350	99	105	12	4K	JE		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	85	92	11	4K	JE		
EC SN ANTONIO	IMBABURA	ECUADOR	0.33	-78.11	2260	101	107	19	4K	JE		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	93	99	10	4K	JE		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	104	110	19	3K	JE		
EC MALCHINGUI	PICHINCHA	ECUADOR	0.07	-78 33	2900	67	76	8	4K	JE		
EC TABACUNDO	PICHINCHA	ECUADOR	0.06	-78.21	2877	69	78	19	4K	JE		

EVENT -- Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00036	1914 05 31	13:29:00		-0.220 -78.200				7K			44

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	22	80	18	4K	JE		
EC SN ANTONIO	PICHINCHA	ECUADOR	-0.01	-78.44	2430	58	68	3	3K	JE		
EC SN JOSE DE MINAS	PICHINCHA	ECUADOR	0.18	-78.42	2417	79	86	359	3K	JE		
EC ALOAG	PICHINCHA	ECUADOR	-0.46	-78.58	3100	20	41	292	3K	JE		
EC MOCHA	TUNGURAHUA	ECUADOR	-1.42	-78.67	3260	103	109	196	4K	JE		
EC AZOGUES	CANAR	ECUADOR	-2.74	-78.53	2519	250	252	191	3K	JE		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	271	274	194	3K	JE		
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	191	194	194	3K	JE		
EC COLIMES	GUAYAS	ECUADOR	-1.55	-80.02	40	212	214	238	3K	JE		
EC STA LUCIA	GUAYAS	ECUADOR	-2.71	-79.95	10	218	221	233	3K	JE		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	247	249	222	3K	JE		
EC JUNIN	MANABI	ECUADOR	-0.93	-80.20	6	204	206	257	3K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00038	1915 08 22	09:18:00		0.100 -78.700				6K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CALACALI	PICHINCHA	ECUADOR	0.00	-78.50	2816	25	44	117	6K	JEVC	910	
EC NANEGAL	PICHINCHA	ECUADOR	0.14	-78.66	900	5	34	27	6K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	42	55	148	5K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00039	1918 09 07	23 08 39		-1.400 -78.390				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815		35		7K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00050	1920 07 26	06 30.00		-2.190 -79.900				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	1	33	90	6K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00075	1922 05 00	00:00:00		-0.220 -78.500				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		7K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00080	1923 02 05	12:22:00		-0.500 -78.560				8K			9

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950		36		8K	JE	919	
EC VOLCAN CORAZON	PICHINCHA	ECUADOR	-0.52	-78.66	4788	11	39	259	8K	JE		
EC ALOAG	PICHINCHA	ECUADOR	-0.46	-78.58	3100	5	36	333	7K	JE		
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.53	2785	11	37	18	7K	JE		
EC HDA.LOS POTREROS	PICHINCHA	ECUADOR	-0.51	-78.61	3200	6	37	259	8K	JE		
EC HDA.SILLUNCHI	PICHINCHA	ECUADOR	-0.48	-78.54	2840	3	36	45	8K	JE		
EC HDA.GUALILAGUA	PICHINCHA	ECUADOR	-0.4[illegible]	-78.56	2840	4	36	360	8K	JE		
EC HDA.CHISINCHE	PICHINCHA	ECUADOR	-0.54	-78.59	3120	6	37	217	8K	JE		
EC PUICHIG	PICHINCHA	ECUADOR							8K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00140	1924 01 25	13:49:00		-1.000 -79.700				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	134	138	189	6K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00155	1924 03 03	06:00:00		-1.600 -78.630				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUANO	CHIMBORAZO	ECUADOR	-1.60	-78.63	2713		36		7K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00235	1926 11 03	00:00.00		-0.680 -78.420				6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3020	21	42	238	6K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00355	1928 07 18	18:45:00		-1.000 -78.000				7K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CHIMBI	NAPO	ECUADOR	-1.00	-78.00			33		7K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00390	1929 07 25	08:45:00		-0.410 -78.530				8K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.53	2785		36		8K	LFVC	910	
EC UYUMBICHO	PICHINCHA	ECUADOR	-0.40	-78.53	2750	1	36	360	8K	JEVC		
EC MURCO	PICHINCHA	ECUADOR	-0.51	-78.54	2760	11	37	186	8K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00410	1931 08 21	12:35:00	-0.900 -77.800					6K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ARCHIDONA	NAPO	ECUADOR	-0.90	-77.83	600	3	34	270	6K	LFVC	910	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00460	1933 10 02	15:29:21	-2.000	-81.000		6.9		7K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	125	129	100	6K	JEVC	910	
EC ISLA VERDE	GUAYAS	ECUADOR	-2.63	-79.95	2	136	140	121	6K	JEVC		
EC PAJAN	MANABI	ECUADOR	-1.55	-80.42	80	82	88	52	7K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00595	1934 08 15	19:10:00		-2.290 -78.980				6K			4

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC HUIGRA	CHIMBORAZO	ECUADOR	-2.29	-78.98	1255		34		6K	JEVC	910	
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	78	86	358	4K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	102	107	276	4K	JEVC		
EC MILAGRO	GUAYAS	ECUADOR	-2.13	-79.60	13	71	78	284	5K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00610	1934 12 13	10:12:00		0.130 -78.420				6K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PUELLARO	PICHINCHA	ECUADOR	0.12	-78.40	2063	2	35	117	6K	JEVC	910	
EC PERUCHO	PICHINCHA	ECUADOR	0.13	-78.42	1830		35		6K	JEVC		
EC SN.ANTONIO	PICHINCHA	ECUADOR	-0.01	-78.44	2430	16	39	188	6K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00900	1938 08 10	02:02:06		-0.310 -78.420				9K			35

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	2	36	243	8K	JE	921 919 922	
EC ALANGASI	PICHINCHA	ECUADOR	-0.39	-78.39	2589	9	37	159	9K	JE		
EC EL TINGO	PICHINCHA	ECUADOR	-0.31	-78.42	2520		33		9K	JE		
EC CHAUPICHILLO	PICHINCHA	ECUADOR	-0.32	-78.43	2510	2	36	225	9K	JE		
EC TOLONTAG	PICHINCHA	ECUADOR	0.00	0.10					9K	JE		
EC LA TOLA	PICHINCHA	ECUADOR	-0.27	-78.40	2730	5	36	27	8K	JE		
EC SN.PEDRO TABOADA	PICHINCHA	ECUADOR	-0.32	-78.48	2500	7	36	260	9K	JE		
EC JATUNPUNGO	PICHINCHA	ECUADOR	-0.33	-78.46	2550	5	36	243	9K	JE		
EC ILALO	PICHINCHA	ECUADOR	-0.27	-78.44	3000	5	36	333	8K	JE		
EC CONOCOTO	PICHINCHA	ECUADOR	-0.27	-78.47	2536	7	36	309	7K	JE		
EC SN PEDRO	PICHINCHA	ECUADOR	-0.33	-78.46	2500	5	36	243	6K	JE		
EC ICHALILLO	PICHINCHA	ECUADOR	0.00	-0.10					7K	JE		
EC GUANGOPOLO	PICHINCHA	ECUADOR	-0.26	-78.45	2400	6	36	329	7K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2810	13	38	318	5K	JE		
EC POMASQUI	PICHINCHA	ECUADOR	-0.05	-78.45	2560	29	46	353	3K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 00900	1938 08 10	02:02:06		-0.310 -78.420				9K			35

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	26	44	216	3K	JE		
EC AMAGUANA	PICHINCHA	ECUADOR	-0.38	-78.45	2580	8	36	203	5K	JE		
EC PINTAG	PICHINCHA	ECUADOR	-0.36	-78.37	2760	8	37	135	5K	JE		
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	51	63	39	4K	JE		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	62	71	17	4K	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	105	110	192	4K	JE		
EC TUMBACO	PICHINCHA	ECUADOR	-0.22	-78.40	2348	10	37	13	6K	JE		
EC ATUNTAQUI	IMBABURA	ECUADOR	0.30	-78.23	2350	71	79	17	3K	JE		
EC CHILLOGALLO	PICHINCHA	ECUADOR	-0.30	-78.58	2886	18	40	274	6K	JE		
EC CUMBAYA	PICHINCHA	ECUADOR							6K	JE		
EC GUAPULO	PICHINCHA	ECUADOR							6K	JE		
EC COTCCOLLAO	PICHINCHA	ECUADOR							5K	JE		
EC PUEMBO	PICHINCHA	ECUADOR							5K	JE		
EC PINANTURA	PICHINCHA	ECUADOR							6K	JE		
EC UYUMBICHO	PICHINCHA	ECUADOR							5K	JE		
EC TAMBILLO	PICHINCHA	ECUADOR							5K	JE		
EC PIFO	PICHINCHA	ECUADOR							5K	JE		
EC YARUQUI	PICHINCHA	ECUADOR							4K	JE		
EC QUINCHE	PICHINCHA	ECUADOR							4K	JE		
EC STA ROSA	PICHINCHA	ECUADOR							5K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01000	1942 05 14	02:13:18	-0.750	-81.500	25	7.9	7.0	9K			70

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	240	241	132	9K	JE	921	
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.80	-79.66	6	267	268	50	8K	JE		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	122	124	106	8K	JE		
EC CHONE	MANABI	ECUADOR	-0.70	-80.08	20	158	160	88	9K	JE		
EC SN ISIDRO	MANABI	ECUADOR	-0.38	-80.16	40	154	158	75	8K	JE		
EC MUISNE	ESMERALDAS	ECUADOR	-0.59	-80.01	6	167	168	84	9K	JE		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	366	367	131	7K	JE		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	442	443	145	7K	JE		
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	294	295	111	6K	JE		
EC TAMBAN		ECUADOR							6K	JE		
EC RIO CHICO	MANABI	ECUADOR	-0.99	-80.40	20	125	128	102	8K	JE		
EC JUNIN	MANABI	ECUADOR	-0.93	-80.20	6	146	148	98	8K	JE		
EC OTAVALO	IMBABURA	ECUADOR	0.33	-78.26	2556	379	380	72	6K	JE		
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	385	386	77	6K	JE		
EC APUELA	TUNGURAHUA	ECUADOR	0.32	-78.51	1940	353	354	70	7K	JE		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-78.93	2608	300	302	108	7K	JE		
EC SN MIGUEL	BOLIVAR	ECUADOR	-1.72	-79.00	2450	298	299	111	7K	JE		
EC SN SIMON	BOLIVAR	ECUADOR	-1.65	-79.03	2600	292	293	110	7K	JE		
EC STA FE	BOLIVAR	ECUADOR	-1.62	-79.03	3000	291	292	109	7K	JE		
EC GUANUJO	BOLIVAR	ECUADOR	-1.55	-79.00	2923	292	293	108	8K	JE		
EC MILAGRO	GUAYAS	ECUADOR	-2.13	-79.80	13	261	262	126	6K	JE		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	378	379	72	6K	JE		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	297	298	72	6K	JE		
EC ATUNTAQUI	IMBABURA	ECUADOR	0.30	-78.23	2350	382	283	72	4K	JE		
EC GUAYLLABAMBA	PICHINCHA	ECUADOR	-0.05	-78.33	2260	361	362	78	5K	JE		
EC CALDERON	PICHINCHA	ECUADOR	-0.09	-78.41	2671	351	352	78	6K	JE		
EC PENAHERRERA	IMBABURA	ECUADOR	0.36	-78.53	1940	333	334	83	7K	JE		
EC PLAZA GUTIERREZ	IMBABURA	ECUADOR	0.35	-78.50	1936	355	356	70	7K	JE		
EC INTAG	IMBABURA	ECUADOR	-0.36	-78.50	2200	336	337	83	7K	JE		
EC SANTIAGUILLO		ECUADOR							7K	JE		
EC TABACUNDO	PICHINCHA	ECUADOR	0.06	-78.21	2877	374	375	78	6K	JE		
EC ANDRADE MARIN	IMBABURA	ECUADOR	0.32	-78.20	2400	386	387	72	5K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01000	1942 05 14	02:13:18	-0.750 -81.500		25	7.9	7.0	9K			70

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PIFO	PICHINCHA	ECUADOR	-0.22	-78.33	2616	357	358	81	6K	JE		
EC NAYON	PICHINCHA	ECUADOR	-0.15	-78.43	2600	348	349	79	6K	JE		
EC PUEMBO	PICHINCHA	ECUADOR	-0.15	-78.31	2478	361	362	79	4K	JE		
EC SN ANTONIO	PICHINCHA	ECUADOR	-0.01	-78.44	2430	350	351	76	6K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	338	340	80	6K	JE		
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.53	2785	332	333	83	6K	JE		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	328	329	85	6K	JE		
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	325	326	96	6K	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	324	326	99	7K	JE		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	334	335	108	6K	JE		
EC AZOGUEZ	CANAR	ECUADOR	-2.74	-78.83	2519	370	371	127	4K	JE		
EC ZARUMA	EL ORO	ECUADOR	-3.71	-79.61	1150	390	391	147	5K	JE		
EC TENA	NAPO	ECUADOR	-1.00	-77.80	527	412	413	94	5K	JE		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	366	367	131	4K	JE		
EC MACHALA	EL ORO	ECUADOR	-3.26	-79.98	6	326	327	149	4K	JE		
EC JIPIJAPA	MANABI	ECUADOR	-1.35	-80.58	6	122	124	123	4K	JE		
EC SANTIAGO	BOLIVAR	ECUADOR	-1.70	-78.99	2600	298	299	111	7K	JE		
EC MONTALVO	TUNGURAHUA	ECUADOR	-1.33	-78.62	2920	326	328	101	7K	JE		
EC HUAMBALO	TUNGURAHUA	ECUADOR	-1.39	-78.52	2785	339	340	102	4K	JE		
EC GUANO	CHIMBORAZO	ECUADOR	-1.60	-78.63	2713	332	334	106	6K	JE		
EC YAGUACHI	GUAYAS	ECUADOR	-2.09	-79.69	10	250	251	126	6K	JE		
EC ASUNCION	BOLIVAR	ECUADOR	-1.66	-79.01	2600	294	296	110	7K	JE		
EC MAGDALENA	BOLIVAR	ECUADOR	-1.66	-79.06	2400	289	291	110	7K	JE		
EC PINTAG	PICHINCHA	ECUADOR	-0.36	-78.37	2760	350	352	83	6K	JE		
EC BAHIA DE CARAQUEZ	MANABI	ECUADOR	-0.60	-80.42	3	121	124	82	8K	JE		
EC TOSAGUA	MANABI	ECUADOR	-0.78	-80.19	10	145	148	91	7K	JE		
EC CANUTO	MANABI	ECUADOR	-0.79	-80.12	20	153	155	92	7K	JE		
EC GALAPAGOS	GALAPAGOS	ECUADOR	-0.99	-89.60	6	900	901	268	2K	JE		
EC PASTOCALLE	COTOPAXI	ECUADOR	-0.72	-78.63	3180	319	320	89	3K	JE		
EC TOACASO	COTOPAXI	ECUADOR	-0.76	-78.68	3180	313	314	90	6K	JE		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	313	315	92	6K	JE		
EC LASSO	COTOPAXI	ECUADOR	-0.75	-78.60	3000	322	323	90	6K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01000	1942 05 14	02:13:18	-0.750	-81.500		25	7.9	7.0	9K			70

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3020	324	326	90	6K	JE		
EC RIO BLANCO	COTOPAXI	ECUADOR	-0.74	-78.62	3030	320	312	90	6K	JE		
EC CHUNCHI	CHIMBORAZO	ECUADOR	-2.29	-78.91	3000	335	336	121	6K	JE		
EC PUCARA	AZUAY	ECUADOR	-3.22	-79.47	1000	355	356	140	6K	JE		
CO IPIALES	NARINO	COLOMBI	0.82	-77.63	2921	464	465	68	6K	JE		
CO PASTO	NARINO	COLOMBI	1.22	-77.28	2594	517	518	65	5K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01710	1944 09 15	19:20:06	-0.500	-79.000					7K			23

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PASTOCALLE	COTOPAXI	ECUADOR	-0.72	-78.63	3180	48	60	121	7K	JEWC	921	
EC RIO BLANCO BAJO	COTOPAXI	ECUADOR	-0.74	-78.68	3030	44	57	127	6K	JEWC		
EC SN BARTOLO	COTOPAXI	ECUADOR	-0.98	-78.57	3180	72	80	138	6K	JEWC		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	49	61	90	5K	JEWC		
EC TOACASO	COTOPAXI	ECUADOR	-0.76	-78.68	3180	46	59	129	7K	JEWC		
EC TANICUCHI	COTOPAXI	ECUADOR	-0.78	-78.63	2970	52	63	127	5K	JEWC		
EC CUILCHE	COTOPAXI	ECUADOR	-0.72	-78.60	3078	51	62	119	7K	JEWC		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	51	62	136	6K	JEWC		
EC LASSO	COTOPAXI	ECUADOR	-0.75	-78.60	3000	52	63	122	6K	JEWC		
EC GUAITACAMA	COTOPAXI	ECUADOR	-0.82	-78.63	2906	54	65	131	5K	JEWC		
EC SHELL MERA	NAPO	ECUADOR	-1.50	-78.06	1100	153	157	137	1K	JEWC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01710	1944 09 15	19:20:06	-0.500	-79.000				7K			23

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LATACUNGA	COTOPAXI	ECUADOR	-0.92	-78.61	2740	64	73	137	5K	JEWC		
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3020	56	67	124	7K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	64	73	61	3K	JEWC		
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	65	74	72	3K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	92	99	152	4K	JEWC		
EC PINTAG	PICHINCHA	ECUADOR	-0.36	-78.37	2760	72	80	77	4K	JEWC		
EC GUAPULO	PICHINCHA	ECUADOR	-0.19	-78.45	2560	69	78	60	3K	JEWC		
EC PAPALLACTA	NAPO	ECUADOR	-0.37	-78.14	3160	97	104	81	2K	JEWC		
EC COTOCOLLAO	PICHINCHA	ECUADOR	-0.10	-78.49	2784	72	80	52	2K	JEWC		
EC PUCARA	AZUAY	ECUADOR	-3.22	-79.47	1000	307	309	190	6K	JEWC		
EC LLUGSI CHIHUICU	COTOPAXI	ECUADOR							7K	JEWC		
EC RIO FUMACUNDI		ECUADOR							5K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01880	1946 03 29	07:26:04	-1.700	-80.800				7K			11

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	115	119	118	6K	JE		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	81	81	29	5K	JE		
EC IBARRA	IMBABURA	ECUADOR	-0.36	-78.11	2228	334	336	64	2K	JE		
EC TULCAN	CARCHI	ECUADOR	-0.81	-77.72	2950	356	358	74	2K	JE		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.92	-78.61	2740	258	261	70	3K	JE		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01880	1946 03 29	07:26:04	-1.700 -80.800					7K			11

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	240	243	89	3K	JE		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	311	313	145	3K	JE		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	240	243	124	3K	JE		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	248	250	78	4K	JE		
EC MACHALA	EL ORO	ECUADOR	-3.73	-79.98	6	196	199	152	4K	JE		
EC SARAGURO	LOJA	ECUADOR	-3.60	-79.23	2521	274	276	140	7K	JE		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01950	1949 08 05	19:08:47	-1.500 -78.250		60	6.8		11K			76

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PELILEO	TUNGURAHUA	ECUADOR	-1.33	-78.54	2300	37	73	300	11K	JEVC	921	
EC CHACAUCO	TUNGURAHUA	ECUADOR	-1.30	-78.51	2200	36	72	308	9K	JEVC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	51	81	306	8K	JEVC		
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815	19	65	306	9K	JEVC		
EC COTALO	TUNGURAHUA	ECUADOR	-1.43	-78.51	2515	30	69	285	9K	JEVC		
EC HUAMBALO	COTOPAXI	ECUADOR	-1.39	-78.52	2875	32	71	292	9K	JEVC		
EC BOLIVAR	TUNGURAHUA	ECUADOR	-1.38	-78.54	3000	35	72	292	9K	JEVC		
EC PATATE	TUNGURAHUA	ECUADOR	-1.31	-78.50	2360	35	71	307	9K	JEVC		
EC GUANO	CHIMBORAZO	ECUADOR	-1.60	-78.63	2713	44	76	255	7K	JEVC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.92	-78.61	2740	76	98	328	8K	JEVC		
EC PANZALEO	COTOPAXI	ECUADOR	-1.05	-78.59	2683	63	89	323	8K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01950	1949 08 05	19:08:47	-1.500 -78.250		60	6.8		11K			76

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	64	89	324	8K	JEVC		
EC IZAMBA	TUNGURAHUA	ECUADOR	-1.22	-78.58	2520	48	79	310	8K	JEVC		
EC HUACHI CHICO	TUNGURAHUA	ECUADOR	-1.30	-78.63	2750	48	79	298	8K	JEVC		
EC CEVALLOS	TUNGURAHUA	ECUADOR	-1.36	-78.62	2910	44	77	291	8K	JEVC		
EC MONTALVO	TUNGURAHUA	ECUADOR	-1.33	-78.62	2920	45	77	295	8K	JEVC		
EC BENITES	TUNGURAHUA	ECUADOR	-1.33	-78.58	2770	41	75	297	9K	JEVC		
EC PILLARO	TUNGURAHUA	ECUADOR	-1.16	-78.54	2805	50	80	320	8K	JEVC		
EC STA ROSA	TUNGURAHUA	ECUADOR	-1.28	-78.66	3040	52	82	298	8K	JEVC		
EC TOTORAS	TUNGURAHUA	ECUADOR	-1.31	-78.59	2550	43	76	299	8K	JEVC		
EC SUCRE	TUNGURAHUA	ECUADOR	-1.26	-78.49	2720	38	73	315	8K	JEVC		
EC QUERO	TUNGURAHUA	ECUADOR	-1.38	-78.59	2959	40	75	289	8K	JEVC		
EC TUNGA	TUNGURAHUA	ECUADOR	-1.33	-78.51	2040	34	71	303	9K	JEVC		
EC CHACANCO	TUNGURAHUA	ECUADOR	-1.30	-78.51	2200	35	72	308	9K	JEVC		
EC MOCHA	TUNGURAHUA	ECUADOR	-1.42	-78.67	3260	48	79	281	7K	JEVC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	77	100	321	7K	JEVC		
EC CUNCHIBAMBA	COTOPAXI	ECUADOR	-1.10	-78.60	2430	59	86	319	7K	JEVC		
EC TISALEO	TUNGURAHUA	ECUADOR	-1.35	-78.66	3327	49	80	290	7K	JEVC		
EC PILAHUIN	TUNGURAHUA	ECUADOR	-1.30	-78.72	3327	57	85	293	7K	JEVC		
EC SAMANGA	TUNGURAHUA	ECUADOR	-1.17	-78.59	2730	53	83	314	7K	JEVC		
EC ALOBAMBA	TUNGURAHUA	ECUADOR	-1.34	-78.55	3000	38	73	298	7K	JEVC		
EC QUISAPINCHA	TUNGURAHUA	ECUADOR	-1.23	-78.67	2920	55	84	303	7K	JEVC		
EC GUANANDO	CHIMBORAZO	ECUADOR	-1.54	-78.54	2400	32	70	262	7K	JEVC		
EC MULALILLO	COTOPAXI	ECUADOR	-1.09	-78.62	2800	61	88	318	7K	JEVC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	47	78	246	6K	JEVC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	176	187	208	4K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	198	207	247	4K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	145	158	349	4K	JEVC		
EC LICAN	CHIMBORAZO	ECUADOR	-1.66	-78.70	2880	53	82	250	4K	JEVC		
EC ALAQUES	COTOPAXI	ECUADOR	-0.86	-78.59	2895	80	102	332	6K	JEVC		
EC LOS ANDES	TUNGURAHUA	ECUADOR	-1.24	-78.53	2260	42	75	313	6K	JEVC		
EC SN MIGUEL	BOLIVAR	ECUADOR	-1.72	-79.05	2450	92	111	255	6K	JEVC		
EC POALO	TUNGURAHUA	ECUADOR	-1.10	-78.48	2960	51	81	330	6K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01950	1949 08 05	19:08:47	-1.500 -78.250		60	6.8		11K			76

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SN MIGUELITO	TUNGURAHUA	ECUADOR	-1.20	-78.54	2680	46	78	316	5K	JEVC		
EC SN ANDRES	TUNGURAHUA	ECUADOR	-1.13	-78.53	1940	52	81	323	5K	JEVC		
EC CUBIJIES	CHIMBORAZO	ECUADOR	-1.65	-78.58	2740	40	74	246	5K	JEVC		
EC PENIPE	CHIMBORAZO	ECUADOR	-1.57	-78.53	2510	32	70	256	5K	JEVC		
EC PROVIDENCIA	CHIMBORAZO	ECUADOR	-1.56	-78.54	2460	33	71	258	5K	JEVC		
EC SN JOSE DE CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	89	109	256	5K	JEVC		
EC TENA	NAPO	ECUADOR	-1.00	-77.80	527	75	96	42	5K	JEVC		
EC ALOASI	PICHINCHA	ECUADOR	-0.51	-78.58	2356	116	132	342	5K	JEVC		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	116	132	343	5K	JEVC		
EC SANTO DOMINGO	PICHINCHA	ECUADOR	-0.25	-79.17	660	173	184	324	4K	JEVC		
EC PUNGALA	CHIMBORAZO	ECUADOR	-1.82	-78.59	2850	52	81	227	4K	JEVC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	84	105	263	4K	JEVC		
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3020	88	108	335	4K	JEVC		
EC SANTIAGO	BOLIVAR	ECUADOR	-1.70	-78.99	2600	85	106	255	4K	JEVC		
EC PASA	TUNGURAHUA	ECUADOR	-1.27	-78.66	3160	52	82	299	4K	JEVC		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	207	216	4	3K	JEVC	921	
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	173	184	4	3K	JEVC		
EC OTAVALO	IMBABURA	ECUADOR	-0.22	-78.26	2556	142	155	359	3K	JEVC		
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	101	119	220	3K	JEVC		
EC PUELA	CHIMBORAZO	ECUADOR	-1.51	-78.50	2470	28	68	268	6K	JEVC		
EC ARCHIDONA	NAPO	ECUADOR	-0.90	-77.83	600	81	101	35	3K	JEVC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	249	256	2[illegible]1	3K	JEVC		
EC EMILIO TERAN	TUNGURAHUA	ECUADOR	-1.21	-78.51	2400	43	76	318	4K	JEVC		
EC MOCHAPATA	TUNGURAHUA	ECUADOR	-1.44	-78.67	3400	47	79	278	4K	JEVC		
EC RIO VERDE	TUNGURAHUA	ECUADOR	-1.38	-78.30	1000	14	63	[illegible]	4K	JEVC		
EC SN MIGUEL	BOLIVAR	ECUADOR	-1.20	-78.53	2680	46	78	317	5K	JEVC		
EC PLAZUELAPAMBA	TUNGURAHUA	ECUADOR	-1.22	-78.50	2410	42	75	31[illegible]	5K	JEVC		
EC LA MERCED	TUNGURAHUA	ECUADOR	-1.31	-78.72	3490	56	85	292	5K	JEVC		
EC SAN ANDRES	CHIMBORAZO	ECUADOR	-1.59	-78.69	2880	50	80	258	5K	JEVC		
EC CUTSATAHUA	TUNGURAHUA	ECUADOR	-1.21	-78.50	2480	43	76	319	6K	JEVC		
EC URBINA	TUNGURAHUA	ECUADOR	-1.12	-78.55	2840	54	83	322	4K	JEVC		
EC BARATILLO	TUNGURAHUA	ECUADOR							9K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01950	1949 08 05	19:08:47	-1.500 -78.250		60	6.8		11K			76

INTENSITY OBSERVATIONS

LOCATION		COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC IGUALPA	ECUADOR							9K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 01965	1949 09 12	00:00:00		-0.050 -78.450				5K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CALDERON	PICHINCHA	ECUADOR	-0.09	-78.41	2671	6	36	135	5K	JEWC	921	
EC POMASQUI	PICHINCHA	ECUADOR	-0 05	-78.45	2560		36		5K	JEWC		
EC SN ANTONIO	PICHINCHA	ECUADOR	-0.01	-78.44	2430	4	36	14	5K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02270	1952 06 22	04:07:56	-1.500	-80.500				5K			5

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	264	266	57	3K		921	
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	167	171	93	5K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	211	214	82	5K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	102	108	138	2K	JEWC		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	314	316	52	2K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02630	1955 05 11	11:04:00	0.000	-78.000		6.8		8K			22

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	61	70	246	6K	JE	921	
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	42	55	343	7K	JE		
EC CARANQUI	IMBABURA	ECUADOR	0.33	-78.12	2228	39	52	340	2K	JE		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	38	52	310	6K	JE		
EC ATUNTAQUI	IMBABURA	ECUADOR	0.34	-78.23	2350	46	58	326	5K	JE		
EC SN GABRIEL	CARCHI	ECUADOR	0.59	-77.82	2860	69	78	17	6K	JE		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	43	56	318	8K	JE		
EC TABACUNDO	PICHINCHA	ECUADOR	0.06	-78.21	2877	24	43	286	7K	JE		
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	15	39	291	6K	VC		
EC ATAHUALPA	PICHINCHA	ECUADOR	0.13	-78.38	2200	45	57	289	7K	JE		
EC EL ANGEL	CARCHI	ECUADOR	0.62	-77.94	3001	69	78	6	6K	JE		
EC INTAG	IMBABURA	ECUADOR	0.30	-78.50	2200	65	74	301	6K	VC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02630	1955 05 11	11:04:00	0.000 -78.000			6.8		8K			22

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SN PABLO	IMBABURA	ECUADOR	0.19	-78.18	2680	29	46	316	6K	VC		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	95	102	19	3K	JE		
EC JULIO ANDRADE	CARCHI	ECUADOR	0.67	-77.72	2790	81	89	23	5K	JE		
EC HUACA	CARCHI	ECUADOR	0.65	-77.73	2900	78	86	23	7K	JE		
EC MONTE OLIVO	CARCHI	ECUADOR	0.40	-77.87	2520	47	59	18	7K	JE		
EC ANDRADE MARIN	CARCHI	ECUADOR	0.32	-78.12	2400	38	52	339	5K	JE		
CO TUQUERRES	NARINO	COLOMB.	1.10	-77.63	3050	129	134	19	2K	JE		
CO PASTO	NARINO	COLOMB.	1.22	-77.28	594	158	162	30	2K	C		
CO CUMBAL	NARINO	COLOMB.	0.90	-77.80	3000	102	108	12	2K	JE		
CO IPIALES	NARINO	COLOMB.	0.82	-77.63	921	100	106	24	2K	E		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02670	1955 07 20	21:00:42	0.200 -78.400			6.0		7K			15

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	18	40	57	7K	JEWC	921	
EC SN GABRIEL	CARCHI	ECUADOR	0.59	-77.82	2860	78	86	56	4K	JEWC		
EC IMANTAG	IMBABURA	ECUADOR	0.36	-78.24	3055	25	44	45	7K	JEWC		
EC PENAHERRERA	IMBABURA	ECUADOR	0.36	-78.53	1940	23	42	321	7K	JEWC		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	36	50	61	7K	JEWC		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	16	39	82	6K	JEWC		
EC SN PABLO	IMBABURA	ECUADOR	0.19	-78.18	2680	24	43	93	6K	JEWC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02670	1955 07 20	21:00:42	0.200 -78.400			6.0		7K			15

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ATUNTAQUI	IMBABURA	ECUADOR	0.34	-78.23	2350	24	43	50	6K	EWC		
EC EL ANGEL	CARCHI	ECUADOR	0.62	-77.94	3001	69	78	48	4K	JEWC		
EC ATAHUALPA	PICHINCHA	ECUADOR	0.13	-78.38	2200	8	36	104	4K	JEWC		
EC INTAG	IMBABURA	ECUADOR	0.30	-78.50	2200	16	39	315	4K	JEWC		
EC CAYAMBE	IMBABURA	ECUADOR	0.05	-78.13	2812	34	49	119	4K	JEWC		
EC TABACUNDO	PICHINCHA	ECUADOR	0.06	-78.21	2877	26	44	126	4K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	48	60	126	3K	JEWC		
EC QUIROGA	IMBABURA	ECUADOR	0.29	-78.29	2300	16	39	51	7K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02710	1956 01 16	23:37:37	-0.500 -80.500			7.3		9K			34

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC BAHIA DE CARAQUEZ	MANABI	ECUADOR	-0.60	-80.42	3	14	36	141	9K	JE	921	
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	62	70	175	8K	JE		
EC MANTA	MANABI	ECUADOR	-0.94	-80.73	6	55	64	208	8K	JE		
EC JIPIJAPA	MANABI	ECUADOR	-1.35	-80.58	180	95	100	185	7K	JE		
EC CHONE	MANABI	ECUADOR	-0.70	-80.08	20	52	62	115	7K	JE		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	200	203	160	6K	JE		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	192	195	81	6K	JE		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	264	266	71	6K	JE		
EC GIMA	AZUAY	ECUADOR	-3.20	-78.95	2950	346	348	150	6K	JEVC		
EC CUMBE	AZUAY	ECUADOR	-3.08	-79.01	2760	331	333	150	6K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02710	1956 01 16	23:37:37	-0.500 -80.500			7.3		9K			34

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PLAZA GUTIERREZ	IMBABURA	ECUADOR	0.35	-78.50	1936	242	245	67	6K	JEVC		
EC PENAHERRERA	IMBABURA	ECUADOR	0.36	-78.53	1940	239	242	66	6K	JEVC		
EC SUCRE	MANABI	ECUADOR	-1.27	-80.42	140	86	92	174	6K	JEVC		
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	270	272	77	4K	JEVC		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	262	264	72	5K	JEVC		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	282	284	70	5K	JEVC		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	264	266	71	6K	JEVC		
EC ATUNTAQUI	IMBABURA	ECUADOR	0.34	-78.23	2350	269	271	70	6K	JEWC		
EC ANDRADE MARIN	CARCHI	ECUADOR	0.32	-78.20	2400	272	274	70	4K	JEVC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	244	247	122	4K	JEVC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	206	209	126	5K	JEVC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	188	185	143	4K	JEVC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	315	317	148	4K	JEVC		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	415	416	160	3K	JEVC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	224	227	111	4K	JEVC		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	342	343	65	3K	JEVC		
EC PASTO	CARCHI	ECUADOR	0.81	-77.72	2594	406	408	62	3K	JEVC		
EC ZAMORA	ZAMORA CHINCHIPE	ECUADOR	-4.06	-78.97	970	431	432	157	3K	JEVC		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	189	192	30	6K	JEVC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.92	-78.61	2740	215	218	102	4K	JEVC		
EC PUYO	PASTAZA	ECUADOR	-1.49	-77.99	950	300	302	112	4K	JEVC		
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	221	224	106	4K	JEVC		
EC MERA	PASTAZA	ECUADOR	-1.45	-78.10	1140	287	289	112	4K	JEVC		
CO IPIALES	NARINO	COLOMB.	0.82	-77.63	2921	351	353	65	4K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02760	1956 03 22	06:33:55	-3.500 -79.000		100	6.5		7K			24

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	67	122	360	7K	JEWC	921	
EC ABDON CALDERON	AZUAY	ECUADOR	-3.24	-79.27	1900	42	110	314	6K	JEWC		
EC PAUTE	AZUAY	ECUADOR	-2.78	-78.76	2289	84	132	18	7K	JEWC		
EC AZOGUES	CANAR	ECUADOR	-2.74	-78.83	2519	87	134	13	5K	JEWC		
EC GUALACEO	AZUAY	ECUADOR	-2.90	-78.78	2360	71	125	20	5K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	176	202	326	4K	JEWC		
EC HUIGRA	CHIMBORAZO	ECUADOR	-2.29	-78.98	1255	134	168	1	5K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-76.62	2540	256	276	10	5K	JEWC		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	60	118	202	6K	JEWC		
EC GUALACUIZA	MORONA SANTIAGO	ECUADOR	-3.42	-78.57	971	49	112	79	5K	JEWC		
EC CARIAMANGA	LOJA	ECUADOR	-4.33	-79.57	1933	112	151	214	6K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	207	231	11	4K	JEWC		
EC STA ISABEL	AZUAY	ECUADOR	-3.28	-79.31	1598	42	110	305	6K	JEWC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	315	331	329	4K	JEWC		
EC YUNGUILLA	AZUAY	ECUADOR	-3.43	-79.45	2240	51	114	279	6K	JEWC		
EC GIRON	AZUAY	ECUADOR	-3.15	-79.15	2118	42	110	337	4K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	369	383	9	3K	JEWC		
PE EL ALTO			-4.26	-81.11	130	211	234	257	3M	ESF	61	
PE EL ALTO			-4.26	-81.11	130	211	234	257	4M	ESF	61	
PE JAEN			-5.68	-78.76	740	210	233	165	3M	ESF	61	
PE PIURA			-5.20	-80.62	35	213	236	225	4M	ESF	61	
PE PIURA			-5.20	-80.62	35	213	236	225	3M	ESF	61	
PE ZORRITOS			-3.67	-80.65		157	186	277	3M	ESF	61	
PE ZORRITOS			-3.67	-80.65		157	186	277	4M	ESF	61	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02900	1958 01 19	14:07:26	1.370 -79.340		60	7.8		9M			68

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS			1.00	-79.70	26				8M	PHTP	801	
EC ESMERALDAS			1.00	-79.70	26				9M	PHTP		
EC ESMERALDAS			1.00	-79.70	26				7M	UTLO		
EC QUITO			-0.20	-78.50	2800				7M	PHTP		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	56	82	219	8K	JEWC	921	
EC MUISNE	ESMERALDAS	ECUADOR	0.59	-80.01	6	114	129	221	7K	JEWC		
EC LIMONES	ESMERALDAS	ECUADOR	0.20	-79.40	6	130	143	182	7K	JEWC		
EC BORBON	ESMERALDAS	ECUADOR	1.09	-79.00	20	49	77	129	7K	JEWC		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	175	186	137	7K	JEWC		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	170	181	135	6K	JEWC		
EC INTAG	IMBABURA	ECUADOR	0.30	-78.50	2200	151	163	142	6K	JEWC		
EC IMANTAG	IMBABURA	ECUADOR	0.36	-78.24	3055	166	178	133	6K	JEWC		
EC SN PABLO	IMBABURA	ECUADOR	0.19	-78.18	2680	184	194	135	6K	JEWC		
EC GONZALES SUAREZ	IMBABURA	ECUADOR	0.18	-78.20	2680	183	193	136	4K	JEWC		
EC SN RAFAEL	IMBABURA	ECUADOR	0.18	-78.20	2600	183	193	136	4K	JEWC		
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	199	209	137	5K	JEWC		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	255	263	163	6K	JEWC		
EC PENAHERRERA	IMBABURA	ECUADOR	0.36	-78.53	1940	144	157	141	7K	JEWC		
EC PLAZA GUTIERREZ	IMBABURA	ECUADOR	0.35	-78.50	1936	147	160	141	7K	JEWC		
EC ATUNTAQUI	IMBABURA	ECUADOR	0.34	-78.23	2350	168	179	133	6K	JEWC		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	191	201	109	4K	JEWC		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	177	188	129	6K	JEWC		
EC SN GABRIEL	CARCHI	ECUADOR	0.59	-77.82	2860	190	200	117	5K	JEWC		
EC SN LORENZO	ESMERALDAS	ECUADOR	1.25	-78.83	5	58	84	103	7K	JEWC		
EC ATAHUALPA	PICHINCHA	ECUADOR	0.13	-78.38	2200	174	185	142	6K	JEWC		
EC EL ANGEL	CARCHI	ECUADOR	0.62	-77.94	3001	177	188	118	6K	JEWC		
EC SN ANTONIO	IMBABURA	ECUADOR	0.33	-78.12	2260	178	189	130	5K	JEWC		
EC QUIROGA	IMBABURA	ECUADOR	0.29	-78.29	2300	167	178	136	5K	JEWC		
EC GUAYLLABAMBA	PICHINCHA	ECUADOR	-0.05	-78.33	2260	194	203	145	4K	JEWC		
EC CALDERON	PICHINCHA	ECUADOR	-0.09	-78.41	2671	192	202	147	4K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	200	210	152	4K	JEWC		
EC POMASQUI	PICHINCHA	ECUADOR	-0.05	-78.45	2560	186	196	148	5K	JEWC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02900	1958 01 19	14:07:26	1.370 -79.340		60	7.8		9M			68

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.53	2785	217	226	156	5K	JEWC		
EC PUEMBO	PICHINCHA	ECUADOR	-0.15	-78.31	2478	204	213	146	4K	JEWC		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	225	234	157	4K	JEWC		
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	213	222	152	4K	JEWC		
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	281	287	163	4K	JEWC		
EC SANTO DOMINGO	PICHINCHA	ECUADOR	-0.25	-79.17	660	181	191	174	4K	JEWC		
EC AZOGUES	CANAR	ECUADOR	-2.74	-78.83	2519	461	465	173	3K	JEWC		
EC MACHALA	EL ORO	ECUADOR	-3.26	-79.98	6	520	523	188	3K	JEWC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	331	337	173	4K	JEWC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	354	359	183	3K	JEWC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	297	303	205	4K	JEWC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	476	480	175	3K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	347	353	167	3K	JEWC		
EC CUICOCHA	IMBABURA	ECUADOR	0.30	-78.16	2650	177	188	132	4K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	401	405	189	4K	JEWC		
EC STA ELENA	GUAYAS	ECUADOR	-2.23	-80.86	6	435	439	203	4K	JEWC		
EC LOCOA	COTOPAXI	ECUADOR	-0.92	-78.58	2850	268	275	162	6K	JEWC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.92	-78.61	2740	267	274	162	4K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	300	306	165	4K	JEWC		
EC ALOAG	PICHINCHA	ECUADOR	-0.46	-78.58	3100	220	229	157	4K	JEWC		
EC SN JOSE DE CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	343	349	174	4K	JEWC		
EC LAS PALMAS	ESMERALDAS	ECUADOR	0.98	-79.65	6	55	81	218	7K	JEWC		
EC PTO BAQUERIZO	GALAPAGOS	ECUADOR	-0.90	-89.60	6	1168	1170	258	4K	JEWC		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	597	600	178	1K	JEWC		
CO TUMACO			1.80	-78.77	2				8M	PHTP		
CO TUMACO			1.80	-78.77	2				7M	UTLO		
CO LOS ANDES			1.48	-77.52	1588				7M	PHTP		
CO PASTO			1.22	-77.28	2527				7M	PHTP		
CO IPIALES			0.87	-77.63	2897				7M	PHTP		
CO IMUES			1.07	-77:50	2550				7M	PHTP		
CO TUQUERRES			1.10	-77.62	3051				7M	PHTP		
CO TUQUERRES			1.10	-77.62	3051				5M	UTLO		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02900	1958 01 19	14:07:26	1.370 -79.340		60	7.8		9M			68

INTENSITY OBSERVATIONS

LOCATION	COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
CO CALI	3.45	-76.35	995				6M	PHTP		
CO CALI	3.45	-76.35	995				3M	UTLO		
CO PEREIRA	4.82	-75.70	1411				5M	PHTP		
CO PEREIRA	4.82	-75.70	1411				3M	UTLO		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 02915	1958 01 24	13:50:00		-0.930 -78.610				6K			14

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740		36		6K	JEWC	921	
EC ELOY ALFARO	COTOPAXI	ECUADOR	-0.94	-78.62	2760	2	36	225	6K	JEWC		
EC LOCOA	COTOPAXI	ECUADOR	-0.92	-78.58	2850	4	36	72	6K	JEWC		
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	12	38	170	5K	JEWC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	9	37	249	4K	JEWC		
EC SIGCHOS	COTOPAXI	ECUADOR	-0.70	-78.90	2900	41	54	308	3K	JEWC		
EC CHUGCHILAN	COTOPAXI	ECUADOR	-0.80	-78.92	3200	37	52	308	3K	JEWC		
EC TOACASO	COTOPAXI	ECUADOR	-0.76	-78.68	3180	20	41	338	3K	JEWC		
EC PASTOCALLE	COTOPAXI	ECUADOR	-0.72	-78.63	3180	23	43	355	3K	JEWC		
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3020	17	40	11	3K	JEWC		
EC LASSO	COTOPAXI	ECUADOR	-0.75	-78.68	3000	21	42	339	3K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	80	87	9	2K	JEWC		
EC SANTAN	COTOPAXI	ECUADOR	-0.94	-78.58	2880	4	36	108	6K	JEWC		
EC INSILIVI	COTOPAXI	ECUADOR	-0.77	-78.86	2951	33	49	303	3K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03090	1958 05 25	21:11:42	-3.120 -78.090		100	6.5		7K			14

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CUMBARATZA	ZAMORA	ECUADOR	-3.95	-78.85	930	125	161	222	7K	JEWC	921	
EC VERACRUZ	TUNGURAHUA	ECUADOR	-1.40	-78.39	1820	194	219	350	6K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	225	246	297	4K	JEWC		
EC PUYO	PASTAZA	ECUADOR	-1.49	-77.99	950	181	208	4	5K	JEWC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	198	223	329	4K	JEWC		
EC AZOGUES	CANAR	ECUADOR	-2.74	-78.83	2519	92	138	297	5K	JEWC		
EC STA ROSA	EL ORO	ECUADOR	-3.55	-80.08	15	226	247	258	4K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	326	347	352	3K	JEWC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	104	146	284	3K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	218	241	344	3K	JEWC		
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	131	166	321	3K	JEWC		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	439	451	5	1K	JEWC		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	437	449	360	1K	JEWC		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	488	498	339	1K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03150	1958 08 17	03:24:36	1.000 -80.000				6.1	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	38	50	93	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03180	1958 11 23	03:20:52	-2.500	-79.000	100		5.7	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	105	145	289	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03280	1959 02 16	00:39:32	-1.360	-81.250			3.7	4K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	331	333	67	4K	JEVC	921	
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	95	101	69	4K	JEVC		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	314	316	34	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03370	1959 08 12	02:00:52	-3.000 -80 500		33		5.7	3K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	113	117	37	2K	JEVC	921	
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	167	171	86	3K	JEVC		
EC STA ROSA	EL ORO	ECUADOR	-3.55	-80.08	15	77	84	143	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03440	1960 04 02	11:07:57	0.500 -80.500				6.2	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	107	112	60	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03450	1960 04 29	12:47:16	-1.000	-78.500	100		5.9	5K			5

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	87	134	360	3K	JEVC	921	
EC LLOA	PICHINCHA	ECUADOR	-0.24	-78.58	3577	85	134	354	4K	JEVC		
EC AMAGUANA	PICHINCHA	ECUADOR	-0.38	-78.45	2580	69	124	5	4K	JEVC		
EC CALDERON	PICHINCHA	ECUADOR	-0.05	-78.57	2671	102	144	6	5K	JEVC		
EC NONO	PICHINCHA	ECUADOR	-0.05	-78.57	2730	106	147	356	5K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03460	1960 06 21	14:05:57	-2.000	-80.500			6.1	4K			4

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	71	78	107	3K	JEVC	921	
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	297	300	48	2K	JEVC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	111	116	79	4K	JEVC		
EC EL CORAZON	COTOPAXI	ECUADOR	-1.13	-79.10	1500	183	186	58	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03480	1960 07 30	02:04:48	-1.500 -79 000		21		5.8	7K			27

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PASA	TUNGURAHUA	ECUADOR	-1.27	-78.66	3160	46	52	56	7K	JEWC		
EC SN FERNANDO	TUNGURAHUA	ECUADOR	-1.26	-78.73	3250	40	47	48	7K	JEWC		
EC PILAHUIN	TUNGURAHUA	ECUADOR	-1.30	-78.72	3327	38	45	54	7K	JEWC		
EC QUISAPINCHA	TUNGURAHUA	ECUADOR	-1.23	-78.67	2920	47	53	51	7K	JEWC		
EC ILLAGUA CHICO	TUNGURAHUA	ECUADOR	-1.22	-78.71	3360	45	51	46	7K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	52	57	55	6K	JEWC		
EC TISALEO	TUNGURAHUA	ECUADOR	-1.35	-78.66	3327	41	48	66	6K	JEWC		
EC TILULUN	TUNGURAHUA	ECUADOR	-1.26	-78.68	2880	44	50	53	6K	JEWC		
EC HUACHI CHICO	TUNGURAHUA	ECUADOR	-1.30	-78.63	2750	47	52	62	6K	JEWC		
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	22	32	189	5K	JEWC	921	
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	10	26	180	5K	JEWC		
EC PILLARO	TUNGURAHUA	ECUADOR	-1.16	-78.54	2805	64	68	54	5K	JEWC		
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	69	73	42	4K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	65	69	38	3K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	125	127	232	3K	JEWC		
EC PELILEO	TUNGURAHUA	ECUADOR	-1.33	-78.54	2800	55	60	70	5K	JEWC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	77	81	34	4K	JEWC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	69	73	30	4K	JEWC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	67	70	239	4K	JEWC		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	121	124	24	4K	JEWC		
EC QUERO	TUNGURAHUA	ECUADOR	-1.38	-78.59	2959	47	53	74	4K	JEWC		
EC MOCHA	TUNGURAHUA	ECUADOR	-1.42	-78.67	3260	38	45	76	4K	JEWC		
EC CEVALLOS	TUNGURAHUA	ECUADOR	-1.36	-78.62	2910	45	51	70	4K	JEWC		
EC SN BARTOLOME	TUNGURAHUA	ECUADOR	-1.16	-78.60	2550	58	63	50	5K	JEWC		
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815	69	73	81	4K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	153	155	21	3K	JEWC		
EC MANZANAHUAICO	TUNGURAHUA	ECUADOR							4K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03495	1960 08 06	18:53:18		-0.222 -78.500			3.7	4K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818		36		4K	JEVC	921	
EC CAYAMBE	PICHINCHA	ECUADOR	-0.05	-78.13	2812	45	58	65	4K	JEVC		
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	13	38	149	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03510	1960 09 10	05:17:24	-2.500 -82.000		33		5.7	5K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	237	239	82	2K	JEVC	921	
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	342	344	75	5K	JEVC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	286	288	74	3K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03525	1960 09 21	02:40:00		-3.280 -79.310				4K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	165	168	352	3K	JEVC	921	
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	178	182	10	3K	JEVC		
EC STA ISABEL	AZUAY	ECUADOR	-3.28	-79.31	1598		35		4K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03590	1961 01 25	03:46:46	0.000 -80.200		22			4K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	126	124	29	4K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03620	1961 03 25	02:10:13	-2.100 -78.700		132		6.3	4K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	95	165	201	3K	JEVC	921	
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	58	146	320	4K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03660	1961 04 08	09:03:49	-2.050 -79.000		24		6.1	8K			33

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PEPINALES	CHIMBORAZO	ECUADOR	-2.24	-78.92	2200	23	35	157	8K	JEWC	921	
EC LA MOYA	CHIMBORAZO	ECUADOR	-2.23	-78.90	2360	22	35	151	8K	JEWC		
EC ALAPACHACA	CHIMBORAZO	ECUADOR	-2.17	-78.94	2760	15	31	153	8K	JEWC		
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	25	36	131	7K	JEWC		
EC TIXAN	CHIMBORAZO	ECUADOR	-2.14	-78.79	2922	25	37	113	7K	JEWC		
EC SIBAMBE	CHIMBORAZO	ECUADOR	-2.19	-78.87	2419	21	34	137	7K	JEWC		
EC PINANCAY	CHIMBORAZO	ECUADOR	-2.30	-78.94	1770	28	39	166	7K	JEWC		
EC TOLTE	CHIMBORAZO	ECUADOR	-2.25	-78.87	2190	26	37	147	7K	JEWC		
EC GUASUNTOS	CHIMBORAZO	ECUADOR	-2.23	-78.80	2356	30	40	132	7K	JEWC		
EC LLIQUILLAY	CHIMBORAZO	ECUADOR	-2.26	-78.90	2040	26	37	154	7K	JEWC		
EC VERDEPAMBA	CHIMBORAZO	ECUADOR	-2.32	-78.92	2000	31	41	163	7K	JEWC		
EC CAJABAMBA	CHIMBORAZO	ECUADOR	-1.70	-78.75	3212	47	55	36	6K	JEWC		
EC HUIGRA	CHIMBORAZO	ECUADOR	-2.29	-78.98	1255	27	37	175	6K	JEWC		
EC GUAMOTE	CHIMBORAZO	ECUADOR	-1.93	-78.72	3020	34	43	67	6K	JEWC		
EC PALMIRA	CHIMBORAZO	ECUADOR	-2.08	-78.73	3300	30	41	96	5K	JEWC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSIT	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03660	1961 04 08	09:03:49	-2.050 -79.000		24		6.1	8K			33

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC NIZAG	CHIMBORAZO	ECUADOR	-2.23	-78.84	2280	27	38	138	6K	JEWC		
EC CHUNCHI	CHIMBORAZO	ECUADOR	-2.29	-78.99	3000	27	38	178	6K	JEWC		
EC GUININ	CHIMBORAZO	ECUADOR	-2.23	-78.91	2550	22	35	153	6K	JEWC		
EC PISTISHI	CHIMBORAZO	ECUADOR	-2.24	-78.88	1830	24	35	146	6K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	100	103	261	5K	JEWC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	51	58	360	5K	JEWC		
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	39	47	355	5K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	58	64	43	5K	JEWC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	64	68	295	5K	JEWC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	94	98	180	4K	JEWC		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	344	345	348	4K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	100	104	25	4K	JEWC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	195	196	304	4K	JEWC		
EC CHONE	MANABI	ECUADOR	-0.70	-80.08	20	192	194	321	3K	JEWC		
EC YACUAMBI	AZUAY	ECUADOR							4K	JEWC		
EC EL SALADO	CHIMBORAZO	ECUADOR							6K	JEWC		
EC CHUCUSPAMBA		ECUADOR							6K	JEWC		
EC QUINCHALOMA		ECUADOR							6K	JEWC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS EST COM	NUM OBS
EC 03730	1961 07 24	01:53:30	-2.100	-79.400		33		6.2	4K	5

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	97	103	60	4K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	55	64	260	3K	JEVC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	72	80	38	3K	JEVC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	130	135	42	2K	JEVC		
EC SN JOSE DE CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	60	70	43	4K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS EST COM	NUM OBS
EC 03750	1961 07 28	01:05:34	-2.100	-77.150		136	6.3	5.9	3K	9

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	305	334	268	3K	JEVC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	384	408	287	3K	JEVC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	228	263	247	3K	JEVC		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	310	340	227	3K	JEVC		
EC MACHALA	EL ORO	ECUADOR	-3.26	-79.98	6	340	366	248	3K	JEVC		
EC AZOGUES	CANAR	ECUADOR	-2.74	-78.83	2519	200	243	249	3K	JEVC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	172	221	286	3K	JEVC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	213	254	285	3K	JEVC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	265	298	277	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03870	1961 12 04	16:12:12	0.300 -78.300		33		6.4	3K			6

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	62	72	201	3K	JEVC	921	
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	86	93	49	3K	JEVC		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	22	42	72	3K	JEVC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	224	227	200	3K	JEVC		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	6	4	33	104	3K	JEVC		
EC ESMERALDAS	ESMERALDAS	ECUADOR	-0.98	-79.66	6	208	210	227	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03940	1962 03 12	16:57:47	-2.900 -80.200		25		6.2	3K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	86	90	24	3K	JEVC	921	
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	186	188	44	2K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 03950	1962 03 19	14:00:09	-2.300 -77.100		119		5.7	2K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	224	255	287	2K	JEVC	921	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04000	1962 05 25	14:49:11	-2.500 -79.100		79		6.1	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	45	93	42	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04085	1962 09 12	20:10:00					5.6	7K			5

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636		36		7K	JEVC	921	
EC NAGSICHE	COTOPAXI	ECUADOR							6K	JEVC		
EC LOMA DE ILINPUCHO	COTOPAXI	ECUADOR	-1.00	-78.10					6K	JEVC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	12	38	350	5K	JEVC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	21	42	189	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04120	1962 10 10	11:42:35	-3.100 -78.400		33			3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PUYO	PAZTAZA	ECUADOR	1.49	-77.99	950	184	188	14	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04180	1962 11 11	03:52:19	-1.200 -78.800		59		6.3	6K			2

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	29	68	25	3K	JEVC	921	
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	20	65	99	6K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04190	1962 11 15	06:39:08	-1.090 -78.600		33		6.3	8K			12

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CUSUBAMBA	COTOPAXI	ECUADOR	-1.07	-78.70	3205	14	39	235	8K	JEWC	921	
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	11	38	294	7K	JEWC		
EC SN ANTONIO	COTOPAXI	ECUADOR	-1.05	-78.69	3040	11	38	241	8K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	26	44	185	6K	JEWC		
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	4	36	166	6K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	74	83	183	4K	JEWC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	8	37	352	4K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	195	198	227	3K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	87	94	7	3K	JEWC		
EC CUTURIVI	COTOPAXI	ECUADOR							8K	JEWC		
EC CERRO CASAHUALA	COTOPAXI	ECUADOR							8K	JEWC		
EC CERRO CONCHAPACAC	COTOPAXI	ECUADOR							8K	JEWC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04250	1963 02 27	00:10:01	-1.200	-79.000	33		4.3	6K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	42	55	94	6K	JEVC	921	
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	49	60	69	4K	JEVC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.6[illegible]	-78.64	2754	66	75	142	3K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04320	1963 05 10	22:22:43	-2.120	-77.510	30	6.8	5.8	7K			22

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC SUCUA	MORONA SANTIAGO	ECUADOR	-2.46	-78.16	910	81	87	242	7K	JEWC	921	
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	147	150	266	6K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	135	138	292	6K	JEWC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	184	186	314	6K	JEWC		
EC SIGSIG	AZUAY	ECUADOR	-3.05	-78.79	2550	176	178	234	6K	JEWC		
EC MACAS	MORONA SANTIAGO	ECUADOR	-2.30	-78.10	1070	68	75	253	6K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	238	240	332	5K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	264	266	268	5K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	158	161	309	5K	JEWC		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	326	328	356	6K	JEWC		
EC IBARRA	IMBABURA	ECUADOR	0.36	-78.11	2228	284	285	346	6K	JEWC		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	280	282	343	6K	JEWC		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	273	275	342	4K	JEWC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	176	178	290	4K	JEWC		
EC CANAR	AZOGUES	ECUADOR	-2.56	-78.94	3128	166	169	253	4K	JEWC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04320	1963 05 10	22:22:43	-2.120 -77.510		30	6.8	5.8	7K			22

INTENSITY OBSERVATION

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	187	189	242	4K	JEWC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	226	228	279	4K	JEWC		
EC HUAQUILLAS	EL ORO	ECUADOR	-3.47	-80.25	10	339	341	244	4K	JEWC		
EC TENA	NAPO	ECUADOR	-1.00	-77.80	527	128	132	345	4K	JEWC		
EC LOMA LLUGLLI		ECUADOR							7K	JEWC		
CO PASTO	NARINO	COLOMBIA	1.22	-77.28	2594	372	373	4	3K	JEWC		
CO BOGOTA	CUNDINAMARCA	COLOMBIA	4.59	-74.09		837	837	27	2K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04900	1964 03 20	06:55:30	-2.040 -79.720		89	5.3	5.3	4K			5

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	127	157	71	4K	JEVC	921	
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-78.93	2608	101	136	60	4K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	25	92	228	3K	JEVC		
EC GUALE		ECUADOR	0.00	-0.10					4K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	243	260	34	2K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 04920	1964 03 23	03:35:45	-1.110	-78.800		68		4 2	4K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	104	126	19	4K	JEVC	921	
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	24	75	124	3K	JEVC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	21	74	36	4K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05010	1964 05 19	23:03:38	-0.840	-80.290		34	6.0	5.7	8K			24

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	30	46	216	8K	JEWC		
EC BAHIA DE CARAQUEZ	MANABI	ECUADOR	-0.60	-80.42	3	30	46	332	8K	JEWC		
EC ANDRES VERA	MANABI	ECUADOR	-1.06	-80.45	100	30	46	216	8K	JEWC		
EC MONTECRISTI	MANABI	ECUADOR	-1.04	-80.65	50	46	57	241	7K	JEWC		
EC STA ANA	MANABI	ECUADOR	-1.20	-80.37	50	41	53	192	7K	JEWC		
EC SN ROQUE	MANABI	ECUADOR	-0.60	-80.43	20	31	46	330	6K	JEWC		
EC MANTA	MANABI	ECUADOR	-0.94	-80.73	6	50	60	257	6K	JEWC		
EC STO DOMINGO	PICHINCHA	ECUADOR	-0.25	-79.17	660	141	145	62	4K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	210	214	71	4K	JEWC		
EC HUAQUILLAS	EL ORO	ECUADOR	-3.47	-80.25	10	292	294	179	1K	JEWC		
EC MACHALA	EL ORO	ECUADOR	-3.26	-79.98	6	271	273	173	2K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	156	160	163	5K	JEWC		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	214	217	19	5K	JEWC		
EC MUISNE	ESMERALDAS	ECUADOR	0.59	-80.01	6	162	165	11	4K	JEWC		
EC LIMONES	ESMERALDAS	ECUADOR	0.20	-79.40	6	152	156	40	4K	JEWC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05010	1964 05 19	23:03:38	-0.840 -80.290		34	6.0	5.7	8K			24

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	138	142	142	4K	JEWC		
EC AZOGUES	CANAR	ECUADOR	-2.74	-78.83	2519	266	269	142	3K	JEWC		
EC CHIMBO	CANAR	ECUADOR	-1.70	-79.03	2450	170	174	124	4K	JEWC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	178	182	94	4K	JEWC		
EC QUEVEDO	LOS RIOS	ECUADOR	-1.02	-79.46	54	94	100	102	4K	JEWC		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.25	2556	254	257	62	3K	JEWC		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.25	2340	258	261	61	3K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	190	194	103	3K	JEWC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	166	170	120	4K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05060	1964 06 09	18:16:14	-0.170 -78.950		55		4.6	7K			5

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC STO DOMINGO	PICHINCHA	ECUADOR	-0.25	-79.19	660	28	62	252	7K	JEVC	921	
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	92	108	56	3K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	50	77	96	3K	JEVC		
EC INTAG	IMBABURA	ECUADOR	0.30	-78.23	2350	96	111	57	3K	JEVC		
EC ATUNTAQUI	IMBABURA	ECUADOR	0.34	-78.50	2200	76	95	41	2K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05090	1964 06 23	02:04:40	-2.650 -79.980		39		5.2	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	52	65	11	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05220	1964 08 24	10:37:23	-1.500 -77.920		178		5.1	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	232	292	251	3K	JEVC	921	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05310	1964 10 25	22:56:31	-2.070 -78.800		48		5.4	7K			11

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ALAUSI	CHIMBORAZO	ECUADOR	-2.20	-78.83	2356	15	52	193	7K	JEWC	921	
EC GUASUNTOS	CHIMBORAZO	ECUADOR	-2.23	-78.80	2356	18	53	180	6K	JEWC		
EC LOMA SHINGASHIN	CHIMBORAZO	ECUADOR	-2.22	-78.84	2800	17	54	195	6K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	48	70	22	3K	JEWC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	58	77	337	4K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	122	131	264	3K	JEWC		
EC STO DOMINGO	PICHINCHA	ECUADOR	-0.25	-79.17	660	206	212	348	2K	JEWC		
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	48	70	326	4K	JEWC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.35	44	206	211	303	3K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	208	214	9	2K	JEWC		
EC LOMA LLUGLLI	CHIMBORAZO	ECUADOR							7K	JEWC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05500	1965 02 11	16:10:30	-1.420 -77.930		190	6.8	5.1	3K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	148	243	334	1K	JEVC	921	
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	234	301	248	3K	JEVC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	182	263	256	3K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05540	1965 03 05	04:43:12	-1.260 -78.300		53		4.3	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	36	66	275	3K	JEVC	921	

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 05930	1965 09 17	11:13:54	-1.400 -77.700		101	6.5	5.9	4K			6

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	158	228	326	3K	JEVC	921	
EC ALOAG	PICHINCHA	ECUADOR	-0.46	-78.58	3100	143	217	317	4K	JEVC		
EC LA MAGDALENA	CHIMBORAZO	ECUADOR	0.00	-0.10					4K	JEVC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	220	274	221	3K	JEVC		
EC LIMON	AZUAY	ECUADOR	0.00	0.10					4K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	259	305	250	4K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 06530	1966 08 01	09:48:03	-1.160 -78.600		74				K		3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENC	COMMENTS
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	57	96	1[illegible]	4K	JEVC	921	
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	8	77	196	4K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	105	130	6	2K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 06880	1967 03 02	02:47:32	-0.160 -78.600		122	5.0	5.8	4K			3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	13	125	121	4K	JEVC	921	
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	267	294	212	4K	JEVC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	308	332	188	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 07060	1967 05 18	07:48:52	-0.840 -78.560		14		4.4	6K			4

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	20	26	227	6K	JEVC	921	
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	69	71	6	2K	JEVC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	11	20	209	3K	JEVC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	44	47	189	3K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 12350	1969 10 27	22:32:31	-2.250 -78.900		124		4.5	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	110	166	273	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 12430	1969 12 17	07:05:26	-0.910	-78.870		19		4.5	6K			4

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	87	90	28	2K	JEVC	921	
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	23	32	67	6K	JEVC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	29	36	94	6K	JEVC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	21	30	106	2K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 12630	1970 03 25	13:21:07	-2.410	-79.100		41		4.7	3K			1

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	91	100	286	3K	JEVC	921	

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 14310	1971 07 27	02:02:45	-2.790	-77.350		88	7.5	6.4	7K			31

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	290	303	283	7K	JEWC	921	
EC PAUTE	AZUAY	ECUADOR	-2.78	-78.76	2289	156	181	270	7K	JEWC		
EC AZOGUES	CANAR	ECUADOR	-2.74	-78.83	2519	164	188	272	7K	JEWC		
EC SIGSIG	AZUAY	ECUADOR	-3.05	-78.79	2550	162	186	260	7K	JEWC		
EC SN BARTOLOME	TUNGURAHUA	ECUADOR	-1.16	-78.67	2550	233	250	321	7K	JEWC		
EC GACHUN		ECUADOR	0.00	-0.10					6K	JEWC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	184	205	266	6K	JEWC		
EC CARIAMANGA	LOJA	ECUADOR	-4.33	-79.57	1933	300	313	235	6K	JEWC		
EC CELICA	LOJA	ECUADOR	-4.10	-79.96	2700	324	337	243	6K	JEWC		
EC ALAMOR	LOJA	ECUADOR	-4.02	-80.02	1580	339	327	245	6K	JEWC		
EC MACARA	LOJA	ECUADOR	-4.38	-79.95	456	350	338	238	6K	JEWC		
EC SOZORANGA	LOJA	ECUADOR	-4.33	-79.78	1490	332	320	238	6K	JEWC		
EC MACHALA	EL ORO	ECUADOR	-3.26	-79.98	6	310	297	260	5K	JEWC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	210	190	311	5K	JEWC		
EC CHIMBO	BOLIVAR	ECUADOR	-1.70	-79.03	2450	240	222	303	5K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	326	313	336	4K	JEWC		
EC EL ANGEL	CARCHI	ECUADOR	0.62	-77.94	3001	395	385	350	4K	JEWC		
EC OTAVALO	IMBABURA	ECUADOR	0.22	-78.26	2556	361	349	343	4K	JEWC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	244	227	306	4K	JEWC		
EC COTACACHI	IMBABURA	ECUADOR	0.29	-78.26	2340	368	357	344	4K	JEWC		
PE RIOJA	SAN MARTIN	PERU	-6.09	-77.13		378	367	176	5K	JEWC		
PE PIURA	PIURA	PERU	-5.15	-80.67		461	452	234	4K	JEWC		
PE CHICLAYO	LAMBAYEQUE	PERU	-6.76	-79.83		527	520	212	4K	JEWC		
PE TRUJILLO	LIBERTAD	PERU	-8.13	-79.04		628	622	198	4K	JEWC		
PE LIMA	LIMA	PERU	-12.05	-78.06		1036	1032	184	3K	JEWC		
CO PASTO	NARINO	COLOMB.	1.22	-77.28	2594	455	446	1	4K	JEWC		
CO POPAYAN	CAUCA	COLOMB.	2.45	-76.60		595	588	8	4K	JEWC		
CO CALI	VALLE	COLOMB.	3.41	-76.50		701	695	8	4K	JEWC		
CO BOGOTA	CUNDINAMARCA	COLOMB.	4.59	-74.09		901	896	24	3K	JEWC		
CO CUCUTA	SANTANDER NORTE	COLOMB.	7.05	-72.65		1212	1215	26	2K	JEWC		
VE CARACAS	DISTRITO FEDERAL	VENEZU.	10.47	-66.85		1879	1881	38	2K	JEWC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS EST COM	NUM OBS
EC 14850	1973 01 05	00:39:47	0.660	-80.060		27		4.7	5K	3

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	199	201	119	2K	JEVC	921	
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	57	63	51	5K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-799.89	6	317	318	176	2K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS EST COM	NUM OBS
EC 15120	1973 04 28	12:21:04	-1.830	-80.140		54		5.5	4K	12

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	92	107	338	4K	JEWC	921	
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	163	177	84	4K	JEWC		
EC BAHIA DE CARAQUEZ	MANABI	ECUADOR	-0.60	-80.42	3	140	150	347	3K	JEWC		
EC CHONE	MANABI	ECUADOR	-0.70	-80.08	20	126	137	3	3K	JEWC		
EC MANTA	MANABI	ECUADOR	-0.94	-80.73	6	119	130	326	3K	JEWC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	49	73	145	3K	JEWC		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	398	402	42	3K	JEWC		
EC IBARRA	IMBABURA	ECUADOR	-0.36	-78.11	2228	278	284	54	3K	JEWC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	255	262	46	3K	JEWC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	182	190	68	3K	JEWC		
EC SUCUA	MORONA SANTIAGO	ECUADOR	-2.46	-78.16	910	231	237	108	2K	JEWC		
EC LOJA	LOJA	ECUADOR	-4.00	-79.20	2064	262	269	156	2K	JEWC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 15485	1974 03 11	16:17:09		-2.190 -79.890				5K			4

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.9[illegible]	-79.66	5	353	355	4	5K	JEVC	921	
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	268	270	35	3K	JEVC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.05	-80.45	44	140	144	334	4K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6		33		4K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 15570	1976 04 09	07:08:50	0.850 -79.630		19	6.7	6.1	8M			71

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
VE ESMERALDAS			9.94	-79.69					8M	JPGG		
VE CARACAS			10.50	-66.92					2M	CAG		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	15	24	347	7K	JEVC		
EC TACHINA	ESMERALDAS	ECUADOR	0.96	-79.63	6	12	22	360	7K	JEVC		
EC SN MATEO	ESMERALDAS	ECUADOR	0.88	-79.65	20	4	19	326	7K	JEVC		
EC ATACAMES	ESMERALDAS	ECUADOR	0.84	-79.86	6	26	32	272	7K	JEVC		
EC SUA	ESMERALDAS	ECUADOR	0.86	-79.86	6	26	32	268	7K	JEVC		
EC TONCHIGUE	ESMERALDAS	ECUADOR	0.82	-79.94	6	35	39	254	7K	JEVC		
EC CHINCA	ESMERALDAS	ECUADOR	0.74	-79.58	100	13	23	156	6K	JEVC		
EC VICHE	ESMERALDAS	ECUADOR	0.63	-79.53	30	27	33	156	6K	JEVC		
EC ROSA ZARATE	ESMERALDAS	ECUADOR	0.35	-79.46	95	59	62	161	6K	JEVC		
EC LA UNION	ESMERALDAS	ECUADOR	0.15	-79.42	300	81	83	163	6K	JEVC		
EC FLAVIO ALFARO	MANABI	ECUADOR	-0.39	-79.95	200	142	144	194	6K	JEVC		
EC L.TA	IMBABURA	ECUADOR	-0.85	-78.47	450	228	229	146	6K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 16570	1976 04 09	07:08:50	0.850 -79.630		19	6.7	6.1	8M			71

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC LA CONCORDIA	PICHINCHA	ECUADOR	0.01	-79.40	300	97	99	165	6K	JEVC		
EC BAHIA DE CARAQUEZ	MANABI	ECUADOR	-0.60	-80.42	3	183	184	205	5K	JEVC		
EC CHONE	MANABI	ECUADOR	-0.70	-80.08	20	179	180	196	5K	JEVC		
EC ROCAFUERTE	MANABI	ECUADOR	-0.92	-80.43	30	216	217	204	5K	JEVC		
EC MANTA	MANABI	ECUADOR	-0.94	-80.73	6	233	234	212	5K	JEVC		
EC STO DOMINGO	PICHINCHA	ECUADOR	-0.25	-79.17	660	132	134	157	5K	JEVC		
EC PEDRO CARBO	MANABI	ECUADOR	-1.81	-80.22	60	303	303	192	4K	JEVC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	301	302	158	3K	JEVC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	422	423	170	2K	JEVC		
EC VENTANAS	LOS RIOS	ECUADOR	-1.43	-79.60	20	253	254	179	4K	JEVC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1.81	-79.52	10	296	296	178	4K	JEVC		
EC BAQUERIZO MORENO	GUAYAS	ECUADOR	-1.90	-79.55	8	306	306	178	4K	JEVC		
EC TINGO	COTOPAXI	ECUADOR	-0.91	-79.05	1500	206	207	162	4K	JEVC		
EC PILALO	COTOPAXI	ECUADOR	-0.97	-78.99	2500	214	215	161	4K	JEVC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	227	228	152	4K	JEVC		
EC ALLURIQUIN	PICHINCHA	ECUADOR	-0.32	-78.98	805	149	150	151	4K	JEVC		
EC TANDAPI	PICHINCHA	ECUADOR	-0.42	-78.82	2000	167	169	147	4K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	173	174	133	4K	JEVC		
EC ALOAG	PICHINCHA	ECUADOR	-0.46	-78.58	3100	186	188	141	4K	JEVC		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	191	193	142	4K	JEVC		
EC OTON	PICHINCHA	ECUADOR	-0.02	-78.25	2720	181	182	122	1K	JEVC		
EC CAYAMBE	PICHINCHA	ECUADOR	0.05	-78.13	2812	189	190	118	1K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	339	340	185	3K	JEVC		
EC YAGUACHI	GUAYAS	ECUADOR	-2.09	-79.69	10	327	327	181	3K	JEVC		
EC TULCAN	CARCHI	ECUADOR	0.81	-77.72	2950	212	213	91	2K	JEVC		
EC HUACA	CARCHI	ECUADOR	0.65	-77.73	2900	212	213	96	3K	JEVC		
EC SN GABRIEL	CARCHI	ECUADOR	0.59	-77.82	2860	203	204	98	3K	JEVC		
EC BOLIVAR	CARCHI	ECUADOR	0.52	-77.91		194	196	101	4K	JEVC		
EC SN VICENTE PUSIR	CARCHI	ECUADOR	0.52	-78.04	2000	180	182	102	3K	JEVC		
EC CAMARONES	ESMERALDAS	ECUADOR	0.99	-79.57	6	17	25	23	4K	JEVC		
EC CARRETERA	ESMERALDAS	ECUADOR	0.80	-79.60		6	20	149	6K	JEVC		
EC CARRETERA	ESMERALDAS	ECUADOR	0.83	-79.90		30	36	266	6K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 16570	1976 04 09	07:08:50	0.850 -79.630		19	6.7	6.1	8M			71

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CARRETERA	ESMERALDAS	ECUADOR	0.48	-79.52		43	47	163	6K	JEVC		
EC CARRETERA	PICHINCHA	ECUADOR	-0.10	-79.25		114	115	158	5K	JEVC		
EC CARRETERA	PICHINCHA	ECUADOR	-0.16	-79.20		122	123	157	5K	JEVC		
EC CARRETERA	PICHINCHA	ECUADOR	-0.22	-79.33		123	125	164	5K	JEVC		
EC CARRETERA	PICHINCHA	ECUADOR	-0.51	-79.37		154	155	169	6K	JEVC		
EC CARRETERA	LOS RIOS	ECUADOR	-1.13	-79.42		111	113	168	5K	JEVC		
EC CARRETERA	MANABI	ECUADOR	-0.66	-80.36		186	187	206	5K	JEVC		
EC CARRETERA	MANABI	ECUADOR	-1.16	-80.57		246	247	205	4K	JEVC		
EC CARRETERA	MANABI	ECUADOR	-1.06	-80.15		220	221	195	4K	JEVC		
EC CARRETERA	MANABI	ECUADOR	-1.54	-80.52		283	284	200	5K	JEVC		
EC CARRETERA	GUAYAS	ECUADOR	-2.00	-79.60		317	317	179	3K	JEVC		
EC CARRETERA	COTOPAXI	ECUADOR	-0.93	-78.90		214	215	158	5K	JEVC		
CO ALTAQUER	NARINO	COLOMB.	1.23	-78.08	988	177	178	76	5K	JEVC		
CO TUMACO	NARINO	COLOMB.	1.80	-78.80		210	211	60	5K	JEVC		
CO RICAURTE	NARINO	COLOMB.	1.22	-77.99	1250	187	188	77	4K	JEVC		
CO RECODO	NARINO	COLOMB.	1.46	-78.40	200	152	154	64	4K	JEVC		
CO IPIALES	NARINO	COLOMB.	0.82	-77.63	2921	222	223	91	2K	JEVC		
CO MALLAMA	NARINO	COLOMB.	1.11	-77.84	2450	201	202	82	2K	JEVC		
CO ESPINO	NARINO	COLOMB.	1.06	-77.69	3000	217	218	84	2K	JEVC		
CO GUACHUCAL	NARINO	COLOMB.	0.97	-77.72	3000	213	214	86	2K	JEVC		
CO POTOSI	NARINO	COLOMB.	0.82	-77.58	2950	228	229	91	1K	JEVC		
CO CARRETERA	NARINO	COLOMB.	1.49	-78.65		130	131	57	5K	JEVC		
CO CARRETERA	NARINO	COLOMB.	1.40	-78.56		134	135	63	5K	JEVC		
CO CARRETERA	NARINO	COLOMB.	1.41	-78.46		144	145	64	5K	JEVC		
CO CARRETERA	NARINO	COLOMB.	1.30	-78.46		139	140	69	4K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS EST COM	NUM OBS
EC 10770	1976 10 06	09:12:39	-0.760	-78.750		33		5.7	9K	74

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC HDA TUNDULIGUIN	COTOPAXI	ECUADOR	-0.63	-78.67	3550	17	40	32	7K	JEVC	919	
EC SN BARTOLO	COTOPAXI	ECUADOR	-0.70	-78.63	3210	15	39	63	8K	JEVC		
EC PILONGO	COTOPAXI	ECUADOR	-0.61	-78.68	3720	18	41	25	9K	JEVC		
EC PASTOCALLE	COTOPAXI	ECUADOR	-0.72	-78.63	3180	14	39	72	8K	JEVC		
EC PASTOCALLE SUR	COTOPAXI	ECUADOR	-0.72	-78.63	3180	14	39	72	7K	JEVC		
EC TOACAZO	COTOPAXI	ECUADOR	-0.76	-78.68	3180	8	37	90	7K	JEVC		
EC CUICUNO	COTOPAXI	ECUADOR	-0.77	-78.68	2980	8	37	98	8K	JEVC		
EC CUICUNO CHICO	COTOPAXI	ECUADOR	-0.79	-78.67	2920	9	37	110	7K	JEVC		
EC GUAYTACAMA	COTOPAXI	ECUADOR	-0.82	-78.64	2960	14	38	119	6K	JEVC		
EC TANICUCHI	COTOPAXI	ECUADOR	-0.78	-78.63	2970	14	38	99	6K	JEVC		
EC MACAGUANGO	COTOPAXI	ECUADOR	-0.66	-78.54	2950	26	44	64	5K	JEVC		
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.59	3020	19	41	97	7K	JEVC		
EC MINO	COTOPAXI	ECUADOR	-0.71	-78.62	3120	15	39	69	8K	JEVC		
EC CHAUPI	COTOPAXI	ECUADOR	-0.60	-78.64	3360	22	42	34	7K	JEVC		
EC ALAQUEZ	COTOPAXI	ECUADOR	-0.86	-78.59	2895	21	42	122	6K	JEVC		
EC SAQUISILI	COTOPAXI	ECUADOR	-0.83	-78.68	2960	11	38	135	6K	JEVC		
EC ALOAG	PICHINCHA	ECUADOR	-0.46	-78.58	3100	38	53	30	5K	JEVC		
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.53	2785	46	58	32	5K	JEVC		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	36	51	36	5K	JEVC		
EC LASSO	COTOPAXI	ECUADOR	-0.75	-78.60	3000	17	40	86	6K	JEVC		
EC LA AVELINA	COTOPAXI	ECUADOR	-0.80	-78.62	2935	15	39	107	6K	JEVC		
EC SALCEDO	COTOPAXI	ECUADOR	-1.04	-78.59	2636	36	51	150	6	JEV		
EC ESTACION NASA	COTOPAXI	ECUADOR	-0.62	-78.57	3600	25	44	52	5K	JEVC		
EC MULALILLO	COTOPAXI	ECUADOR	-1.09	-78.62	2800	39	53	158	5K	JEVC		
EC ONCE DE NOVIEMBRE	COTOPAXI	ECUADOR	-0.91	-78.67	2920	19	40	151	6K	JEVC		
EC CAMP M SUCRE	COTOPAXI	ECUADOR	-0.64	-78.50	3640	31	47	64	5K	JEVC		
EC GUAPULO	COTOPAXI	ECUADOR	-0.70	-78.62	3200	16	39	65	8K	JEVC		
EC CURIPUGIO	COTOPAXI	ECUADOR	-0.67	-78.66	3560	14	39	45	8K	JEVC		
EC SN PEDRO	COTOPAXI	ECUADOR	-0.89	-78.66	3000	18	40	145	6K	JEVC		
EC SN ANTONIO	COTOPAXI	ECUADOR	-0.56	-78.56	3090	31	47	44	6K	JEVC		
EC TANDALIVI	COTOPAXI	ECUADOR	-0.85	-78.61	2921	18	40	123	5K	JEVC		
EC JOSE GUANGO BAJO	COTOPAXI	ECUADOR	-0.82	-78.60	2930	18	40	112	5K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 16770	1976 10 06	09:12:39	-0.760 -78.750		33		5.7	9K			74

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CHIRIACU	COTOPAXI	ECUADOR	-0.80	-78.60	2970	17	40		6K	JEVC		
EC HDA BARRANCAS	COTOPAXI	ECUADOR	-0.80	-78.53	3200	25	44		6K	JEVC		
EC JATUN HUAICU	COTOPAXI	ECUADOR	-0.80	-78.56	3120	22	42		6K	JEVC		
EC SN RAMON	COTOPAXI	ECUADOR	-0.75	-78.56	3100	21	42		4K	JEVC		
EC LA CEBA	COTOPAXI	ECUADOR	-0.74	-78.58	3050	19	41		5K	JEVC		
EC CUCHIHUAICU	COTOPAXI	ECUADOR	-0.73	-78.76	3050	4	36		5K	JEVC		
EC CALLO	COTOPAXI	ECUADOR	-0.70	-78.60	2128	18	40	68	7K	JEVC		
EC HDA ALIAGA	COTOPAXI	ECUADOR	-0.72	-78.64	3200	13	38	70	7K	JEVC		
EC RIO BLANCO ALTO	COTOPAXI	ECUADOR	-0.74	-78.62	3030	15	39	81	8K	JEVC		
EC RIO BLANCO BAJO	COTOPAXI	ECUADOR	-0.76	-78.62	3030	14	39	90	8K	JEVC		
EC SN BUENAVENTURA	COTOPAXI	ECUADOR	-0.89	-78.61	2800	21	42	133	5K	JEVC		
EC MULALO	COTOPAXI	ECUADOR	-0.78	-78.58	3020	19	41	83	7K	JEVC		
EC HDA JORDAN SECO	PICHINCHA	ECUADOR	-0.58	-78.62	3360	25	44	36	5K	JEVC		
EC ANGALOMA	COTOPAXI	ECUADOR	-0.92	-78.53	3400	30	47	126	4K	JEVC		
EC Q TUABILLI	COTOPAXI	ECUADOR	-0.92	-78.56	2960	28	45	130	5K	JEVC		
EC CUSUBAMBA	COTOPAXI	ECUADOR	-1.07	-78.50	2480	44	57	141	5K	JEVC		
EC HDA EL CENSO	COTOPAXI	ECUADOR	-0.75	-78.67	2920	9	37	83	8K	JEVC		
EC Q COTOPILALO	COTOPAXI	ECUADOR	-0.75	-78.73	3480	2	36	63	6K	JEVC		
EC GOTERAS	COTOPAXI	ECUADOR	-0.76	-78.65	3040	11	38	90	8K	JEVC		
EC TANDACATO	COTOPAXI	ECUADOR	-0.72	-78.65	3100	12	38	68	7K	JEVC		
EC PUJILI	COTOPAXI	ECUADOR	-0.96	-78.69	2941	23	43	163	5K	JEVC		
EC PILALO	COTOPAXI	ECUADOR	-0.97	-78.99	2500	35	50	229	5K	JEVC		
EC MACUCHI	COTOPAXI	ECUADOR	-0.94	-79.12	1567	46	58	244	4K	JEVC		
EC LA MANA	COTOPAXI	ECUADOR	-0.94	-79.22	320	56	65	249	4K	JEVC		
EC VALENCIA	LOS RIOS	ECUADOR	-0.95	-79.35	200	70	77	252	2K	JEVC		
EC QUEVEDO	LOS RIOS	ECUADOR	-1.02	-79.46	54	84	90	250	2K	JEVC		
EC STO DOMINGO	PICHINCHA	ECUADOR	-0.25	-79.17	660	73	81	320	4K	JEVC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	102	108	320	4K	JEVC		
EC ESTACION NASA	COTOPAXI	ECUADOR	-0.62	-78.57	3600	25	44	52	5K	JEVC		
EC LATACUNGA	COTOPAXI	ECUADOR	-0.93	-78.61	2740	24	43	140	5K	JEVC		
EC BANOS	TUNGURAHUA	ECUADOR	-1.40	-78.39	1815	82	89	151	3K	JEVC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	54	65	164	4K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 16770	1976 10 06	09:12:39	-0.760 -78.750		33		5.7	9K			74

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC CANAR	CANAR	ECUADOR	-2.56	-78.94	3128	201	204	186	1K	JEVC		
EC CHISINCHE	PICHINCHA	ECUADOR	-0.56	-78.58	3100	29	46	40	7K	JEVC		
EC GUAYAQUIL	GUAYAS	ECUADOR	-2.19	-79.89	6	203	206	218	2K	JEVC		
EC SAN SIMON	BOLIVAR	ECUADOR	-1.65	-78.98	2600	102	108	194	3K	JEVC		
EC CURIQUINGUE	COTOPAXI	ECUADOR	-1.11	-78.59	2440	43	56	155	4K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	66	75	25	3K	JEVC		
EC ZUMBAHUA	COTOPAXI	ECUADOR	-0.94	-78.89	3500	25	44	218	5K	JEVC		
EC JACHAHUANGU	COTOPAXI	ECUADOR							3K	JEVC		
EC TIGUA	COTOPAXI	ECUADOR							2K	JEVC		
EC RECINTO FUMISA	PICHINCHA	ECUADOR							4K	JEVC		

EVENT

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 16840	1976 11 29	23:20:05	-0.530 -78.600			5.0		7K			34

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC HDA WNBRIA	PICHINCHA	ECUADOR	-0.55	-78.63	3400	4	37	236	7K	JEVC	919	
EC SN FELIX	PICHINCHA	ECUADOR	-0.53	-78.60	3110		36		7K	JEVC		
EC LA MOYA	PICHINCHA	ECUADOR	-0.53	-78.60	3110		36		7K	JEVC		
EC SN ROQUE	PICHINCHA	ECUADOR	-0.52	-78.60	3120	1	36	360	7K	JEVC		
EC HUASINILLO	PICHINCHA	ECUADOR	-0.51	-78.61	3190	2	36	334	6K	JEVC		
EC MIRAFLORES	PICHINCHA	ECUADOR	-0.53	-78.59	3080	1	36	90	6K	JEVC		
EC HDA SAN JUAN	PICHINCHA	ECUADOR	-0.52	-78.59	3040	2	36	45	6K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		EPICENTER INTENSITY	DEP KMS	MAGN.TUDES MS	MAGN.TUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 16840	1976 11 29	23:20:05	-0.530	-78.600			5.0		7K			34

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC MIRAFLORES NORTE	PICHINCHA	ECUADOR	-0.52	-78.58	3010	2	36	63	6K	JEVC		
EC EL SOLTERO	PICHINCHA	ECUADOR	-0.50	-78.59	2990	4	36	18	6K	JEVC		
EC HDA PANSALEO	PICHINCHA	ECUADOR	-0.55	-78.57	3050	4	36	124	6K	JEVC		
EC RANCHO SN RICARDO	PICHINCHA	ECUADOR	-0.53	-78.59	3030	1	36	90	6K	JEVC		
EC HDA SN JAVIER	PICHINCHA	ECUADOR	-0.52	-78.60	3080	1	36	360	6K	JEVC		
EC LA MOYA SN LUIS	PICHINCHA	ECUADOR	-0.54	-78.52	3310	2	36	243	5K	JEVC		
EC MACHACHI	PICHINCHA	ECUADOR	-0.50	-78.56	2950	6	36	53	5K	JEVC		
EC SN JOSE DE TUCUSO	PICHINCHA	ECUADOR	-0.52	-78.55	3120	6	37	79	5K	JEVC		
EC EL CHAUPI	PICHINCHA	ECUADOR	-0.60	-78.64	3360	9	37	210	5K	JEVC		
EC LA AVANZADA PICHIN	PICHINCHA	ECUADOR	-0.52	-78.58	3000	2	36	63	5K	JEVC		
EC CHISINCHE	PICHINCHA	ECUADOR	-0.55	-78.59	3100	2	36	153	6K	JEVC		
EC GUAMANI	PICHINCHA	ECUADOR	-0.33	-78.55	2840	23	42	14	5K	JEVC		
EC ALOAG	PICHINCHA	ECUADOR	-0.46	-78.58	3100	8	37	16	4K	JEVC		
EC TESALIA	PICHINCHA	ECUADOR	-0.51	-78.53	3000	8	37	74	4K	JEVC		
EC CAMP M SUCRE	COTOPAXI	ECUADOR	-0.64	-78.50	3640	17	40	138	4K	JEVC		
EC OBELISCO ALOAG	PICHINCHA	ECUADOR	-0.46	-78.56	2820	9	37	30	3K	JEVC		
EC AMAGUANA	PICHINCHA	ECUADOR	-0.38	-78.45	2580	24	43	45	4K	JEVC		
EC SN BARTOLO	PICHINCHA	ECUADOR	-0.28	-78.53	2850	29	46	16	3K	JEVC		
EC LASSO	COTOPAXI	ECUADOR	-0.75	-78.60	3000	24	44	180	3K	JEVC		
EC UYUMBICHO	PICHINCHA	ECUADOR	-0.40	-78.53	2750	16	39	28	3K	JEVC		
EC SN CARLOS	PICHINCHA	ECUADOR	-0.65	-78.46	2800	21	42	131	3K	JEVC		
EC TAMBILLO	PICHINCHA	ECUADOR	-0.41	-78.53	2785	15	39	30	3K	JEVC		
EC SANGOLQUI	PICHINCHA	ECUADOR	-0.32	-78.44	2510	29	46	37	2K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	36	51	18	2K	JEVC		
EC RUMIPAMBA	PICHINCHA	ECUADOR	-0.61	-78.68	3570	13	39	225	2K	JEVC		
EC HDA JORDAN SECO	PICHINCHA	ECUADOR	-0.58	-78.62	3360	6	37	202	2K	JEVC		
EC PASTOCALLE	COTOPAXI	ECUADOR	-0.72	-78.63	3180	21	42	189	2K	JEVC		

EVENT										
IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL		INTENSITY	DEP KMS	MAGNITUDES MS	Mb	MAX INT OBS EST COM	NUM OBS
EC 18470	1980 08 18	15:07:53	-1.976	-80.030		74	6.1	5.6	8K	64

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC STA LUCIA	GUAYAS	ECUADOR	-1.71	-79.98	10	30	80	11	7K	JEVC	919	
EC DAULE	GUAYAS	ECUADOR	-1 86	-79.97	20	14	75	27	6K	JEVC		
EC MONTEVERDE	GUAYAS	ECUADOR	-2.04	-80.73	2	78	108	265	6K	JEVC		
EC COLONCHE	GUAYAS	ECUADOR	-2.02	-80.67	40	71	103	256	7K	JEVC		
EC SN PABLO	GUAYAS	ECUADOR	-2 13	-80.78	6	85	113	258	7K	JEVC		
EC CERECITA	GUAYAS	ECUADOR	-2.33	-80.27	40	48	88	214	7K	JEVC		
EC GOMEZ RENDON	GUAYAS	ECUADOR	-2.40	-80.36	40	60	95	218	6K	JEVC		
EC STA ELENA	GUAYAS	ECUADOR	-2.23	-80.86	2	96	122	253	6K	JEVC		
EC MILAGRO	GUAYAS	ECUADOR	-2.13	-79.60	13	51	90	110	6K	JEVC		
EC EL TRIUNFO	GUAYAS	ECUADOR	-2 32	-79.41	44	79	108	119	6K	JEVC		
EC PIEDRERO	GUAYAS	ECUADOR	-2.36	-79.34	60	88	115	119	6K	JEVC		
EC PEDRO MONTERO	GUAYAS	ECUADOR	-2 25	-79.63	20	54	92	124	5K	JEVC		
EC LA UNION	MANABI	ECUADOR	-1.21	-80.15	150	86	114	351	6K	JEVC		
EC LA PILA	MANABI	ECUADOR	-1.10	-80.58	50	115	137	328	6K	JEVC		
EC BUCAY	GUAYAS	ECUADOR	-2 18	-79.14	317	101	126	103	5K	JEVC		
EC CONSUELO	GUAYAS	ECUADOR	-2.28	-80.19	60	38	83	207	5K	JEVC		
EC PUNTA BLANCA	GUAYAS	ECUADOR	-2.15	-80.82	2	90	116	258	5K	JEVC		
EC PALMAR	GUAYAS	ECUADOR	-2.02	-80.72	4	77	107	266	5K	JEVC		
EC PALESTINA	GUAYAS	ECUADOR	-1.62	-79.98	7	40	84	8	5K	JEVC		
EC HDA ROSA ELVIRA	GUAYAS	ECUADOR	-2.02	-79.96	10	9	74	122	5K	JEVC		
EC NOBOL	GUAYAS	ECUADOR	-1.90	-80 00	20	9	74	22	5K	JEVC		
EC ISIDRO AYORA	GUAYAS	ECUADOR	-1.88	-80.14	60	16	76	311	5K	JEVC		
EC PEDRO CARBO	GUAYAS	ECUADOR	-1.81	-80.22	60	28	79	311	5K	JEVC		
EC LA CADENA	GUAYAS	ECUADOR	-1.63	-80.36	120	53	91	316	5K	JEVC		
EC BABAHOYO	LOS RIOS	ECUADOR	-1 81	-79.52	10	60	95	72	6K	JEVC		
EC ZAPOTAL	GUAYAS	ECUADOR	-2.32	-80.53	100	67	100	235	6K	JEVC		
EC JIPIJAPA	MANABI	ECUADOR	-1.33	-80.58	180	94	120	320	5K	JEVC		
EC LA CRUCITA	MANABI	ECUADOR	-1.55	-80.53	280	73	104	310	6K	JEVC		
EC STA ANA	MANABI	ECUADOR	-1.20	-80.37	50	94	120	336	5K	JEVC		
EC STA ROSA	EL ORO	ECUADOR	-3.44	-79.96	15	163	179	177	5K	JEVC		
EC PALLATANGA	CHIMBORAZO	ECUADOR	-1.99	-78.96	1600	119	140	89	5K	JEVC		
EC MARCABELI	EL ORO	ECUADOR	-3.77	-79.91	680	200	213	176	4K	JEVC		

EVENT - Continued

IDENT CY NUM	DATE YR MO DA	TIME HR MN SC	EPICENTER INSTRUMENTAL	EPICENTER INTENSITY	DEP KMS	MAGNITUDES MS	MAGNITUDES Mb	MAX INT OBS	MAX INT EST	MAX INT COM	NUM OBS
EC 18470	1980 08 18	15:07:53	-1.976 -80.030		74	6.1	5.6	8K			64

INTENSITY OBSERVATIONS

LOCATION			COORDINATES LAT	COORDINATES LONG	ELEV (M)	EPIC DIST	HYP DIST	AZI	INT	INTP	REFERENCES	COMMENTS
EC HDA GUAYAQUIL	GUAYAS	ECUADOR	-1.11	-79.75	30	101	125	18	4K	JEVC		
EC EL EMPALME	GUAYAS	ECUADOR	-1.04	-79.63	50	113	135	23	4K	JEVC		
EC QUEVEDO	LOS RIOS	ECUADOR	-1.02	-79.46	54	124	144	31	4K	JEVC		
EC PICHINCHA	MANABI	ECUADOR	-1.04	-79.83	50	106	130	12	5K	JEVC		
EC SN MIGUEL	MANABI	ECUADOR	-1.03	-80.09	40	105	129	356	5K	JEVC		
EC ALAJUELA	MANABI	ECUADOR	-1.04	-80.28	180	108	131	345	5K	JEVC		
EC ABDON CALDERON	MANABI	ECUADOR	-1.03	-80.34	20	111	133	342	5K	JEVC		
EC RESTAUR EL RODEO	MANABI	ECUADOR	-1.02	-80.39	10	114	135	339	5K	JEVC		
EC PORTOVIEJO	MANABI	ECUADOR	-1.06	-80.45	44	112	134	335	4K	JEVC		
EC RANCHO LOPEZ	GUAYAS	ECUADOR	-1.77	-79.95	7	24	78	21	5K	JEVC		
EC PETRILLO	GUAYAS	ECUADOR	-1.96	-80.01	10	3	74	51	5K	JEVC		
EC MACHALA	EL ORO	ECUADOR	-3.26	-79.98	6	143	161	178	6K	JEVC		
EC RIOBAMBA	CHIMBORAZO	ECUADOR	-1.67	-78.64	2754	158	174	78	4K	JEVC		
EC AMBATO	TUNGURAHUA	ECUADOR	-1.23	-78.62	2540	177	192	62	4K	JEVC		
EC GUARANDA	BOLIVAR	ECUADOR	-1.59	-79.00	2608	122	143	69	4K	JEVC		
EC CUENCA	AZUAY	ECUADOR	-2.90	-79.00	2527	154	171	132	3K	JEVC		
EC QUITO	PICHINCHA	ECUADOR	-0.22	-78.50	2818	259	269	41	3K	JEVC		
EC PUYO	PASTAZA	ECUADOR	-1.49	-77.99	950	233	244	77	3K	JEVC		
EC ESMERALDAS	ESMERALDAS	ECUADOR	0.98	-79.66	6	331	339	7	4K	JEVC		
EC MANTA	MANABI	ECUADOR	-0.94	-80.73	6	139	157	326	4K	JEVC		
EC PASAJE	EL ORO	ECUADOR	-3.33	-79.81	15	152	169	171	4K	JEVC		
EC GUABO	EL ORO	ECUADOR	-3.24	-79.83	10	142	160	171	4K	JEVC		
EC NARANJAL	GUAYAS	ECUADOR	-2.70	-79.63	30	92	118	151	4K	JEVC		
EC MONTECRISTI	MANABI	ECUADOR	-1.04	-80.65	50	125	145	326	3K	JEVC		
EC RECINTO SOLEDAD	GUAYAS	ECUADOR	-2.83	-79.72	25	101	125	160	3K	JEVC		
EC PONCE ENRIQUEZ	AZUAY	ECUADOR	-3.04	-79.74	20	122	143	165	3K	JEVC		
EC EL CAMBIO	EL ORO	ECUADOR	-3.28	-79.90	6	146	163	174	3K	JEVC		
EC LA AVANZADA	EL ORO	ECUADOR	-3.53	-79.96	15	173	188	177	3K	JEVC		
EC ARENILLAS	EL ORO	ECUADOR	-3.56	-80.07	15	176	191	181	3K	JEVC		
EC CERRO GONZALEZ	GUAYAS	ECUADOR							5K	JEVC		
EC JAMBELI	GUAYAS	ECUADOR							5K	JEVC		
EC PUEBLO NUEVO	GUAYAS	ECUADOR							5K	JEVC		

ECUADOR

CATALOG OF EARTHQUAKE HYPOCENTER DATA

1541 – 1981

Ident		F-E Reg	Date			Time				Location			Depth		Num Sta	Hyp Src	mb		MS			Other Magnitudes					Foc Mec	Intensity					Assoc Phenom		
Country	Number	Number	Year	Month	Day	Hour	Minute	Second	Qual	Lat	Long	Qual	Kms	Qual		Code	Mag	Source	Mag	Comp	Source	Mag	Scale	Source	Mag	Scale	Source	Source	Date	Max Int	Source	Iso	Map	Geo	Tsun	Obs	Nons
EC	50000	107	1541	04	00	00:00:00.00			Y	-0.140	-78.270	Y				OAE						7.0	K	OAE					•	9	K	OAE			X	X	X	X	C
EC	50010	107	1557	02	00	00:00:00.00			Y	-1.500	-78.500	W				OAE						5.7	K	OAE					•	7	K	OAE			X	X	X	X	X
EC	50020	107	1577	00	00	00:00:00.00			Y	-0.220	-78.500	T				OAE						5.0	K	OAE					•	6	K	OAE			X	X	X	X	X
EC	50030	107	1587	09	04	01:00:00.00			V	-0.220	-78.500	V				OAE						7.7	K	OAE					•	10	K	OAE			X	X	X	X	V
EC	50035	107	1590	04	00	00:00:00.00			V	-0.220	-78.500	V				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X
EC	50040	107	1628	05	15	00:00:00.00			Y	-0.220	-78.500	V				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X
EC	50050	107	1645	03	15	00:00:00.00			V	-1.680	-78.780	V				OAE						7.0	K	OAE					•	9	K	OAE			X	X	X	X	X
EC	50060	107	1651	12	04	00:00:00.00			W	-0.220	-78.500	V				OAE						5.0	K	OAE					•	6	K	OAE			X	X	X	X	X
EC	50070	107	1653	07	09	00:00:00.00			V	-2.190	-79.890	W				OAE						5.7	K	OAE					•	7	K	OAE			X	X	X	X	X
EC	50080	107	1656	01	00	00:00:00.00			Y	-0.220	-78.500	W				OAE						5.0	K	OAE					•	6	K	OAE			X	X	X	X	X
EC	50090	107	1660	10	27	15:00:00.00			W	-0.190	-78.590	W				OAE						5.7	K	OAE					•	7	K	OAE			X	S	X	X	X
EC	50100	107	1661	01	00	00:00:00.00			W	-0.220	-78.500	W				OAE						5.0	K	OAE					•	6	K	OAE			X	S	X	X	X
EC	50110	107	1661	12	00	00:00:00.00			W	-0.220	-78.500	W				OAE						5.0	K	OAE					•	6	K	OAE			X	S	X	X	X
EC	50120	107	1662	01	01	00:00:00.00			V	-0.220	-78.600	W				OAE						5.7	K	OAE					•	7	K	OAE			X	X	X	X	X
EC	50130	107	1662	02	00	00:00:00.00			Y	-0.220	-78.500	W				OAE						5.7	K	OAE					•	7	K	OAE			X	X	X	X	X
EC	50135	107	1662	11	23	00:00:00.00			V	-0.220	-78.500	V				OAE						5.7	K	OAE					•	7	K	OAE			X	X	X	X	X
EC	50140	107	1674	08	29	00:00:00.00			V	-1.700	-79.030	W				OAE						7.7	K	OAE					•	10	K	OAE			X	S	X	X	C
EC	50150	107	1678	01	05	06:00:00.00			U	-0.220	-78.500	V				OAE						5.0	K	OAE					•	6	K	OAE			X	X	X	X	X
EC	50160	107	1687	11	22	00:00:00.00			Y	-1.300	-78.600	V				OAE						5.7	K	OAE					•	7	K	OAE			X	X	X	X	X
EC	50170	107	1698	06	20	06:00:00.00			U	-1.180	-78.700	V				OAE						7.7	K	OAE					•	10	K	OAE	OAE		X	B	X	X	C
EC	50171	107	1698	06	22	11:00:00.00			U	-1.180	-78.700	V				OAE						5.0	K	OAE						6	K	OAE			X	X	X	X	X
EC	50180	107	1703	03	00	00:00:00.00			W	-0.900	-78.600	V				OAE						5.7	K	OAE					•	7	K	OAE			X	X	X	X	X
EC	50190	107	1725	02	00	00:00:00.00			W	-0.800	-78.900	V				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X
EC	50200	107	1728	10	00	00:00:00.00			W	-0.500	-78.200	V				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X
EC	50210	107	1736	12	06	05:00:00.00			U	-0.760	-78.680	V				OAE						5.7	K	OAE					•	8	K	OAE			X	X	X	X	C
EC	50220	107	1739	04	10	00:00:00.00			W	-1.900	-78.300	V				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X
EC	50230	107	1740	08	27	10:00:00.00			U	-0.220	-78.500	W				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X
EC	50240	107	1740	09	12	10:00:00.00			U	-0.220	-78.500	W				OAE						3.7	K	OAE					•	4	K	OAE			X	X	X	X	X
EC	50250	107	1740	09	14	09:00:00.00			U	-0.220	-78.500	W				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X
EC	50260	107	1740	09	16	07:00:00.00			U	-0.220	-78.500	W				OAE						3.7	K	OAE						4	K	OAE			X	X	X	X	X
EC	50270	107	1740	12	00	00:00:00.00			W	-0.860	-78.900	W				OAE						3.7	K	OAE					•	4	K	OAE			X	X	X	X	V
EC	50280	107	1741	06	14	18:45:00.00			U	-0.220	-78.500	U				OAE						5.0	K	OAE					•	6	K	OAE			X	X	X	X	X
EC	50290	107	1741	07	13	00:00:00.00			W	-3.010	-79.040	V				OAE						3.7	K	OAE					•	4	K	OAE			X	X	X	X	X
EC	50300	107	1741	07	16	09:30:00.00			U	-3.010	-79.040	V				OAE						3.7	K	OAE					•	4	K	OAE			X	X	X	X	X
EC	50310	107	1741	08	25	00:00:00.00			V	-3.010	-79.040	V				OAE						4.3	K	OAE					•	5	K	OAE			X	X	X	X	X