



**ESCUELA POLITECNICA NACIONAL
INSTITUTO GEOFISICO
Campus Ing. José Rubén Orellana**

Apartado 2759 Telf: 2225-655; 2225627
Quito - Ecuador Fax: (593)-2-2567847 - www.igepn.edu.ec

Sismicidad 1990

La siguiente información fue registrada por la Red Nacional de Sismógrafos y procesada en el Instituto Geofísico de la Escuela Politécnica Nacional. Se presentan los sismos de magnitud mayor o igual a 4 en la escala de Richter. La distancia y azimut son determinante con respecto a la ciudad referencial, que es la capital de provincia más cercana al evento.

FECHA	TIEMPO	LAT.	LONG.	PROF.	Mag.	DIST.	AZIMUT	CIUDAD
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1990/01/01	08:01:33	3.08S	79.56W	23.8	4.3	49.16	65.3°	MACHALA
1990/01/05	02:56:18	3.29S	80.01W	52.0	4.4	6.17	237.8°	MACHALA
1990/01/05	04:18:19	2.28N	79.61W	8.3	4.5	145.44	2.5°	ESMERALDAS
1990/01/07	17:24:26	2.14S	79.90W	32.7	4.3	5.86	356.7°	GUAYAQUIL
1990/01/08	09:51:31	1.15N	79.11W	17.7	4.1	65.27	71.7°	ESMERALDAS
1990/01/09	09:50:00	2.17S	77.31W	16.6	4.1	92.54	80.3°	MACAS
1990/01/15	09:25:37	1.04S	78.29W	21.8	4.0	38.17	108.9°	LATACUNGA
1990/01/16	10:49:35	3.27S	80.12W	0.0	4.0	17.71	265.8°	MACHALA
1990/01/18	06:27:10	0.43S	79.26W	25.8	4.0	87.96	253.4°	QUITO
1990/01/20	22:07:12	0.78S	79.28W	116.8	4.1	74.64	282.5°	LATACUNGA
1990/01/22	02:32:19	0.85S	80.80W	12.0	4.5	44.79	299.7°	PORTOVIEJO
1990/01/23	16:45:21	1.55S	78.01W	196.1	4.1	7.35	197.4°	PUYO
1990/01/26	03:59:00	0.97S	79.42W	124.1	4.0	82.35	325.2°	GUARANDA
1990/01/28	08:28:08	0.76S	81.55W	11.4	4.2	126.82	285.0°	PORTOVIEJO
1990/01/28	08:55:12	0.83S	80.24W	5.4	4.2	34.51	43.7°	PORTOVIEJO
1990/01/28	09:03:00	1.44S	80.02W	21.1	4.2	64.60	132.3°	PORTOVIEJO
1990/01/30	15:07:37	1.30S	78.39W	16.6	4.0	28.12	104.6°	AMBATO
1990/01/31	11:35:08	0.19S	77.74W	10.6	4.2	73.67	145.7°	IBARRA
1990/02/02	10:31:13	0.46S	79.32W	22.4	4.4	93.94	303.6°	LATACUNGA
1990/02/02	23:28:34	0.59S	78.29W	22.8	4.0	48.96	151.2°	QUITO
1990/02/03	09:55:44	0.00N	77.47W	9.8	4.0	65.02	260.2°	N_LOJA
1990/02/05	04:55:19	1.03S	78.31W	17.0	4.4	36.60	108.4°	LATACUNGA
1990/02/06	18:19:32	1.00S	77.94W	5.0	4.1	14.22	295.2°	TENA
1990/02/07	15:39:26	0.56S	80.25W	5.1	4.0	58.77	22.2°	PORTOVIEJO
1990/02/10	18:41:30	3.30S	81.60W	25.2	4.4	181.77	268.7°	MACHALA
1990/02/15	21:09:34	1.21S	78.31W	11.8	4.1	35.50	84.6°	AMBATO
1990/02/17	03:31:14	0.59S	79.12W	25.8	4.6	67.04	303.9°	LATACUNGA
1990/02/21	21:33:30	0.15N	80.00W	3.0	4.6	98.21	202.2°	ESMERALDAS
1990/02/21	22:58:12	0.17N	79.96W	9.1	4.1	94.48	199.7°	ESMERALDAS
1990/02/22	06:37:17	0.15N	79.98W	4.8	4.0	97.31	200.8°	ESMERALDAS
1990/02/22	13:42:18	1.12S	79.74W	37.9	4.3	79.47	343.2°	BABAHYO
1990/02/24	16:40:29	3.50N	77.41W	23.2	4.3	301.19	6.5°	TULCAN
1990/02/25	22:55:00	1.51S	77.70W	186.6	4.1	32.25	94.4°	PUYO
1990/02/27	10:35:24	1.36S	81.33W	12.0	4.3	103.64	250.7°	PORTOVIEJO
1990/03/01	03:49:17	1.83S	77.75W	209.3	4.1	46.57	145.4°	PUYO
1990/03/01	04:29:07	2.30S	79.54W	0.0	4.8	42.12	106.9°	GUAYAQUIL
1990/03/01	10:55:20	0.32S	79.14W	23.9	4.0	72.13	259.1°	QUITO
1990/03/01	21:16:13	3.78S	79.77W	9.5	4.3	61.86	159.5°	MACHALA
1990/03/02	16:50:04	0.84S	77.47W	17.0	4.1	44.97	59.4°	TENA
1990/03/02	19:08:02	1.52S	77.94W	189.9	4.0	6.42	118.3°	PUYO
1990/03/09	08:11:14	2.85S	78.68W	184.5	4.6	22.19	128.3°	AZOGUES
1990/03/12	07:32:06	1.14S	78.26W	0.7	4.7	42.38	74.5°	AMBATO
1990/03/13	15:19:11	1.08S	77.84W	3.9	4.2	4.12	215.1°	TENA
1990/03/13	19:41:05	3.40S	76.90W	117.0	4.2	182.61	131.5°	MACAS
1990/03/16	08:22:13	2.03S	78.13W	21.9	4.1	30.77	359.8°	MACAS

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1990/03/16	20:55:16	0.41S	77.65W	12.3	4.1	73.73	15.2°	TENA
1990/03/17	01:45:39	3.85S	80.37W	9.9	4.8	79.66	214.4°	MACHALA
1990/03/18	11:37:22	1.20S	82.21W	8.6	4.6	195.93	265.1°	PORTOVIEJO
1990/03/18	12:43:29	0.71S	80.86W	0.0	4.4	59.76	309.8°	PORTOVIEJO
1990/03/19	01:12:12	2.28S	77.08W	28.2	4.5	117.11	88.4°	MACAS
1990/03/21	08:31:18	1.04S	78.27W	9.8	4.2	41.14	107.3°	LATACUNGA
1990/03/23	06:53:29	3.37S	80.61W	25.5	4.7	73.09	259.9°	MACHALA
1990/03/25	03:38:32	2.66S	79.86W	6.1	4.5	52.63	175.1°	GUAYAQUIL
1990/03/27	01:24:11	2.41N	79.69W	1.3	4.3	160.21	359.3°	ESMERALDAS
1990/04/01	09:32:22	2.29S	80.17W	6.4	4.1	31.71	249.9°	GUAYAQUIL
1990/04/01	18:34:22	0.63N	79.35W	33.0	4.0	51.83	136.0°	ESMERALDAS
1990/04/04	23:34:38	1.04S	78.26W	8.6	4.1	42.44	107.3°	LATACUNGA
1990/04/16	19:32:05	1.10S	78.16W	13.5	4.1	38.35	261.5°	TENA
1990/04/18	03:32:13	2.11S	76.90W	0.3	4.7	138.76	81.0°	MACAS
1990/04/18	03:33:09	2.54S	76.32W	53.0	4.8	203.03	97.1°	MACAS
1990/04/21	11:18:13	2.10S	77.99W	0.0	4.0	28.28	34.5°	MACAS
1990/04/21	13:36:41	2.41N	79.86W	0.0	4.3	161.12	352.4°	ESMERALDAS
1990/04/21	19:27:04	2.78S	77.44W	33.0	4.3	92.76	124.3°	MACAS
1990/04/24	19:42:17	0.51N	78.24W	5.5	4.1	21.75	319.2°	IBARRA
1990/04/25	14:41:04	2.09S	80.60W	0.0	4.2	78.20	278.2°	GUAYAQUIL
1990/04/26	12:07:28	0.27S	80.26W	0.0	4.2	89.67	13.8°	PORTOVIEJO
1990/04/30	17:05:31	0.99S	78.13W	12.3	4.0	35.59	281.7°	TENA
1990/05/04	05:29:19	2.82S	78.80W	0.0	4.0	10.99	155.6°	AZOGUES
1990/05/05	14:22:03	2.06S	78.24W	12.0	4.0	30.56	337.2°	MACAS
1990/05/05	17:10:10	2.28S	79.53W	0.0	4.4	42.08	103.3°	GUAYAQUIL
1990/05/05	17:11:03	1.72S	79.14W	20.0	4.3	22.09	224.1°	GUARANDA
1990/05/05	17:18:20	1.98S	79.43W	6.1	4.4	23.06	152.5°	BABAHYO
1990/05/07	08:07:28	0.25S	80.25W	16.0	4.1	91.86	14.0°	PORTOVIEJO
1990/05/08	18:51:01	2.25S	79.96W	0.0	4.1	9.10	223.2°	GUAYAQUIL
1990/05/15	03:00:17	2.09S	80.36W	0.0	4.3	52.17	282.2°	GUAYAQUIL
1990/05/15	05:08:05	4.90S	80.97W	33.0	4.3	214.00	211.6°	MACHALA
1990/05/16	06:53:07	1.53S	80.54W	4.0	4.1	53.99	191.2°	PORTOVIEJO
1990/05/17	23:46:03	1.83S	80.21W	12.2	4.3	52.44	319.1°	GUAYAQUIL
1990/05/18	16:43:03	2.33N	79.72W	0.7	4.0	151.71	357.9°	ESMERALDAS
1990/05/25	21:45:38	1.17S	78.39W	8.8	4.0	28.31	73.1°	AMBATO
1990/05/30	13:05:11	2.30S	80.00W	12.0	4.5	15.83	222.4°	GUAYAQUIL
1990/06/02	09:39:10	2.85S	79.89W	17.2	4.6	46.27	9.7°	MACHALA
1990/06/03	00:56:50	6.53S	76.78W	52.0	5.6	363.95	138.6°	ZAMORA
1990/06/03	07:58:04	6.10S	77.07W	56.0	5.6	306.67	137.3°	ZAMORA
1990/06/04	10:26:42	3.63S	80.18W	0.0	4.6	47.51	211.1°	MACHALA
1990/06/06	00:16:77	6.72S	77.21W	23.7	4.9	351.51	146.8°	ZAMORA
1990/06/07	14:37:14	2.44S	80.20W	30.6	4.1	43.65	230.8°	GUAYAQUIL
1990/06/08	21:31:27	6.77S	77.17W	1.1	5.2	358.64	146.7°	ZAMORA
1990/06/10	10:23:04	0.60N	80.04W	0.0	4.2	57.81	225.1°	ESMERALDAS
1990/06/11	09:00:15	0.22N	79.86W	18.1	4.5	86.56	194.3°	ESMERALDAS
1990/06/11	16:09:07	2.23N	80.03W	28.7	4.2	145.24	344.1°	ESMERALDAS
1990/06/14	08:20:27	1.20S	78.40W	21.2	4.1	25.48	81.0°	AMBATO
1990/06/14	10:57:07	4.78S	79.28W	35.4	4.3	87.22	185.3°	LOJA
1990/06/14	19:51:01	2.82S	78.41W	15.7	4.2	48.58	101.4°	AZOGUES
1990/06/17	10:17:10	2.97S	77.73W	0.0	4.1	85.89	148.8°	MACAS
1990/06/19	02:08:44	2.02S	79.06W	3.6	4.2	49.25	187.9°	GUARANDA
1990/06/19	05:40:12	0.64N	80.58W	47.7	4.1	107.93	250.0°	ESMERALDAS
1990/06/20	03:19:00	0.19N	80.10W	0.2	4.1	98.66	208.7°	ESMERALDAS
1990/06/22	01:07:00	1.38S	79.21W	0.0	4.0	32.65	314.2°	GUARANDA
1990/06/26	14:08:22	2.08S	80.13W	17.3	4.1	28.50	295.3°	GUAYAQUIL
1990/06/27	03:43:05	0.15S	80.58W	6.2	4.3	100.88	351.9°	PORTOVIEJO
1990/06/27	05:27:10	2.48S	79.40W	19.7	4.5	63.40	316.3°	CUENCA
1990/06/27	10:53:12	0.13S	80.79W	6.8	4.0	109.54	339.7°	PORTOVIEJO

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1990/06/27	17:39:01	0.66N	79.25W	31.1	4.1	57.95	125.8°	ESMERALDAS
1990/06/27	20:01:13	2.42S	80.40W	22.6	4.1	61.61	245.1°	GUAYAQUIL
1990/06/27	23:57:00	0.09S	80.71W	17.6	4.2	110.91	345.1°	PORTOVIEJO
1990/06/28	11:43:14	0.32S	80.50W	1.5	4.2	81.50	356.2°	PORTOVIEJO
1990/07/02	19:46:27	2.23S	76.72W	26.4	4.0	156.47	86.8°	MACAS
1990/07/07	04:51:19	2.63S	77.67W	48.1	4.0	62.01	124.6°	MACAS
1990/07/12	04:30:11	1.16S	78.23W	11.8	4.1	45.05	324.3°	PUYO
1990/07/12	23:13:08	0.63N	77.79W	85.8	4.8	21.81	201.0°	TULCAN
1990/07/13	19:45:05	1.12S	80.43W	7.3	4.0	8.42	162.3°	PORTOVIEJO
1990/07/13	23:11:33	4.22S	80.91W	21.4	4.4	150.24	224.8°	MACHALA
1990/07/14	19:31:06	0.30S	80.49W	43.7	4.3	83.95	356.8°	PORTOVIEJO
1990/07/14	22:42:09	0.33S	80.33W	48.8	4.5	81.39	9.2°	PORTOVIEJO
1990/07/14	23:27:14	0.37S	79.86W	177.8	4.0	99.96	40.7°	PORTOVIEJO
1990/07/15	10:10:08	3.29S	79.04W	105.8	4.8	44.27	184.6°	CUENCA
1990/07/16	07:46:24	0.46S	78.43W	2.1	4.9	29.70	164.4°	QUITO
1990/07/18	04:39:05	3.08S	79.42W	135.1	4.2	50.23	244.9°	CUENCA
1990/07/20	04:06:30	1.24N	79.40W	76.2	4.2	42.89	44.6°	ESMERALDAS
1990/07/23	17:09:24	1.03S	79.34W	16.8	4.2	71.47	328.3°	GUARANDA
1990/07/24	08:05:12	1.32S	78.45W	137.7	4.4	21.77	115.1°	AMBATO
1990/07/26	20:39:11	2.94S	76.94W	79.8	5.0	149.41	117.9°	MACAS
1990/07/29	12:06:15	1.61S	76.03W	37.3	4.8	208.83	107.3°	TENA
1990/07/29	15:30:02	1.24N	79.34W	167.6	4.9	47.13	50.3°	ESMERALDAS
1990/08/03	23:11:16	0.48S	78.67W	55.7	4.0	36.79	210.9°	QUITO
1990/08/08	21:53:15	1.86S	76.14W	45.3	4.2	207.07	115.8°	TENA
1990/08/11	03:00:06	0.03S	78.43W	4.1	4.9	20.23	23.4°	QUITO
1990/08/11	04:04:42	0.10S	79.29W	74.7	4.0	88.22	277.4°	QUITO
1990/08/11	04:05:05	0.00S	78.44W	14.0	4.1	23.01	16.3°	QUITO
1990/08/11	10:52:27	0.01S	78.42W	3.3	4.1	22.54	23.5°	QUITO
1990/08/11	18:48:18	0.05S	78.41W	1.1	4.0	19.94	31.2°	QUITO
1990/08/11	19:50:05	0.03S	78.42W	1.3	4.2	20.70	25.0°	QUITO
1990/08/12	04:42:03	0.02S	78.46W	23.0	4.0	20.86	13.3°	QUITO
1990/08/12	05:35:16	0.27S	80.26W	4.0	4.6	89.57	14.0°	PORTOVIEJO
1990/08/12	09:02:53	0.01S	78.45W	22.5	4.1	21.30	14.7°	QUITO
1990/08/12	12:24:45	0.03S	78.46W	20.4	4.0	18.93	13.2°	QUITO
1990/08/15	21:25:02	3.08S	80.63W	166.3	5.0	77.28	285.4°	MACHALA
1990/08/17	23:00:02	0.14S	78.70W	18.0	4.0	22.84	288.3°	QUITO
1990/08/18	18:54:37	1.48N	80.39W	10.1	4.1	98.58	305.3°	ESMERALDAS
1990/08/20	12:27:38	0.04S	78.41W	3.0	4.0	20.42	27.7°	QUITO
1990/08/21	20:58:31	0.54N	79.30W	40.4	4.1	63.13	139.1°	ESMERALDAS
1990/08/22	02:31:09	0.05S	78.45W	10.4	4.0	17.37	20.0°	QUITO
1990/09/01	08:17:45	0.72S	78.36W	7.9	4.0	36.57	50.9°	LATACUNGA
1990/09/02	04:27:13	0.12N	80.29W	11.0	5.3	117.30	215.9°	ESMERALDAS
1990/09/02	05:07:19	0.17N	80.06W	49.4	4.7	98.56	206.0°	ESMERALDAS
1990/09/02	05:24:31	0.12N	80.26W	5.1	4.5	115.05	214.8°	ESMERALDAS
1990/09/02	15:50:37	0.00S	78.60W	6.3	4.4	24.38	332.8°	QUITO
1990/09/02	21:59:18	0.01S	78.60W	4.7	4.0	23.92	331.9°	QUITO
1990/09/05	05:50:34	2.05S	80.08W	50.0	4.9	25.36	308.8°	GUAYAQUIL
1990/09/06	12:10:00	0.05N	81.17W	49.1	4.0	146.54	326.9°	PORTOVIEJO
1990/09/06	21:59:19	0.27S	80.00W	3.4	4.1	99.87	30.0°	PORTOVIEJO
1990/09/09	01:59:10	0.22N	77.05W	49.1	4.0	22.03	306.2°	N_LOJA
1990/09/10	03:16:11	2.23S	80.22W	50.5	4.4	35.69	262.5°	GUAYAQUIL
1990/09/10	05:26:16	0.85N	76.90W	10.4	4.6	83.57	359.3°	N_LOJA
1990/09/10	14:05:20	0.33S	80.18W	50.0	4.4	85.76	20.7°	PORTOVIEJO
1990/09/12	15:49:03	1.17S	77.66W	49.2	4.0	22.23	125.5°	TENA
1990/09/12	16:09:36	0.01S	78.46W	15.2	4.2	21.54	13.1°	QUITO
1990/09/13	12:44:14	0.00N	78.47W	11.8	4.1	22.53	7.3°	QUITO
1990/09/13	12:49:14	0.02S	78.46W	19.9	4.2	20.73	11.0°	QUITO
1990/09/16	05:40:19	2.53N	78.90W	26.0	4.0	193.33	26.4°	ESMERALDAS

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1990/09/16	16:16:24	1.76S	78.30W	188.8	4.3	40.28	104.6°	RIOBAMBA
1990/09/20	10:01:26	0.03S	78.44W	17.5	4.1	20.25	20.8°	QUITO
1990/09/24	08:49:36	0.10N	77.95W	4.8	4.1	34.39	148.5°	IBARRA
1990/09/27	07:23:39	0.98N	79.07W	27.4	4.0	66.56	89.5°	ESMERALDAS
1990/09/29	07:50:23	4.53N	79.28W	44.1	4.6	397.55	6.2°	ESMERALDAS
1990/09/29	07:51:17	4.16N	77.75W	50.6	4.5	372.45	359.5°	TULCAN
1990/10/03	10:48:25	2.81S	79.50W	66.5	4.5	55.69	279.1°	CUENCA
1990/10/05	23:46:60	4.87S	74.39W	29.2	4.0	503.52	124.4°	MACAS
1990/10/06	17:19:28	0.05S	83.41W	46.7	4.4	347.31	288.7°	PORTOVIEJO
1990/10/07	02:20:13	2.06S	78.25W	11.0	4.4	30.64	335.0°	MACAS
1990/10/08	06:02:06	0.63N	79.33W	25.2	4.0	53.72	134.7°	ESMERALDAS
1990/10/10	01:05:00	1.89S	77.37W	252.9	5.1	81.92	123.3°	PUYO
1990/10/10	05:58:14	3.71S	80.52W	45.9	4.7	80.12	231.0°	MACHALA
1990/10/11	15:19:07	0.29N	78.11W	47.0	4.1	8.07	178.6°	IBARRA
1990/10/13	11:10:44	3.24S	80.85W	44.5	5.1	98.80	271.3°	MACHALA
1990/10/13	18:37:27	3.78S	78.18W	23.8	4.2	90.29	69.1°	ZAMORA
1990/10/14	09:20:14	2.11S	79.42W	41.1	4.4	37.09	160.3°	BABAHOYO
1990/10/15	04:10:10	3.05S	80.28W	18.1	4.4	42.37	303.2°	MACHALA
1990/10/16	21:22:05	1.04S	78.41W	22.4	4.0	26.63	118.2°	LATACUNGA
1990/10/20	10:03:97	8.57S	75.38W	23.7	6.1	637.87	141.7°	ZAMORA
1990/10/20	12:55:13	1.65S	78.97W	41.0	4.0	8.86	156.0°	GUARANDA
1990/10/21	15:12:02	2.57S	77.48W	45.7	5.6	77.96	112.0°	MACAS
1990/10/23	09:14:87	3.76N	72.79W	46.3	5.3	610.43	48.2°	N_LOJA
1990/10/23	11:29:01	1.07N	78.89W	16.0	4.0	87.33	82.4°	ESMERALDAS
1990/10/23	20:02:14	0.67N	80.46W	52.2	4.0	93.76	249.3°	ESMERALDAS
1990/10/24	14:21:07	0.13N	79.82W	28.6	4.1	95.25	189.8°	ESMERALDAS
1990/10/25	11:02:16	0.74N	82.05W	45.9	4.2	265.40	264.5°	ESMERALDAS
1990/10/26	04:22:00	0.03S	78.42W	11.1	4.0	20.46	26.0°	QUITO
1990/10/26	06:59:31	1.67S	77.85W	203.3	4.0	25.06	142.4°	PUYO
1990/10/27	09:23:04	0.34N	78.38W	14.0	4.3	30.10	264.9°	IBARRA
1990/10/28	14:30:17	1.55S	78.12W	26.4	4.5	15.41	245.9°	PUYO
1990/10/29	14:22:01	0.65S	80.98W	53.2	4.5	73.36	307.1°	PORTOVIEJO
1990/10/30	13:02:02	0.91S	78.51W	50.0	4.1	12.81	79.9°	LATACUNGA
1990/11/04	16:58:13	1.11S	78.32W	20.8	4.2	37.40	66.6°	AMBATO
1990/11/04	19:28:06	1.10S	78.29W	12.7	4.2	40.88	68.3°	AMBATO
1990/11/06	10:14:42	0.50S	78.64W	28.6	4.2	37.27	205.2°	QUITO
1990/11/06	15:40:04	0.99S	79.31W	133.1	4.3	73.82	332.5°	GUARANDA
1990/11/09	19:50:25	2.10S	78.37W	0.0	4.3	34.86	311.3°	MACAS
1990/11/10	17:22:02	0.73S	78.32W	2.7	4.5	40.03	56.1°	LATACUNGA
1990/11/13	20:21:33	0.00N	77.72W	15.0	4.0	58.85	132.3°	IBARRA
1990/11/14	18:35:04	2.74N	79.65W	94.8	4.5	196.70	0.7°	ESMERALDAS
1990/11/16	04:49:04	0.82S	81.58W	53.0	4.5	128.64	281.6°	PORTOVIEJO
1990/11/17	10:26:03	1.68S	78.68W	42.8	4.7	3.47	245.2°	RIOBAMBA
1990/11/18	03:46:28	1.27S	78.04W	24.1	4.4	24.96	346.4°	PUYO
1990/11/18	14:17:92	8.21N	78.40W	34.3	5.0	816.34	10.0°	ESMERALDAS
1990/11/19	21:37:27	1.77S	80.12W	50.0	4.2	52.70	332.8°	GUAYAQUIL
1990/11/22	14:27:03	2.38S	78.14W	4.7	5.0	8.24	185.7°	MACAS
1990/11/23	07:28:08	1.75S	79.17W	38.1	4.4	26.89	225.2°	GUARANDA
1990/11/23	22:16:03	2.11S	79.37W	21.5	4.6	39.36	152.3°	BABAHOYO
1990/11/23	22:36:41	0.11N	78.67W	122.8	5.0	39.14	331.9°	QUITO
1990/11/25	12:33:13	2.62S	78.07W	5.1	4.1	35.46	169.4°	MACAS
1990/11/29	07:58:14	1.01S	79.32W	117.4	4.4	72.44	330.6°	GUARANDA
1990/12/03	00:40:55	6.43N	76.98W	188.1	5.8	629.40	7.5°	TULCAN
1990/12/17	10:04:23	0.11S	80.23W	7.6	4.3	106.71	13.0°	PORTOVIEJO
1990/12/19	05:36:07	1.06S	78.43W	29.3	4.0	25.92	123.3°	LATACUNGA
1990/12/22	06:53:50	0.71S	78.74W	15.0	4.2	28.00	331.1°	LATACUNGA
1990/12/25	11:32:02	0.23S	77.62W	29.0	4.5	84.97	140.2°	IBARRA
1990/12/29	01:56:52	3.81N	77.78W	52.0	4.2	332.97	358.9°	TULCAN

**GANADOR DEL PREMIO MUNDIAL SASAKAWA-UNDRO 1992
A la mejor labor en Mitigación de Desastres**

