



**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 1999

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 determinados 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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1999/01/01	00:56:01	2.38S	78.92W	5.0	4.0	40.01	346.9°	AZOGUES
1999/01/01	03:32:28	2.35N	83.94W	15.1	4.7	498.75	287.9°	ESMERALDAS
1999/01/01	04:52:37	1.98N	83.35W	52.0	4.6	423.72	285.3°	ESMERALDAS
1999/01/02	19:05:78	0.93N	84.90W	32.3	4.4	541.55	293.9°	PORTOVIEJO
1999/01/19	06:54:13	2.18S	77.03W	37.4	4.2	123.27	83.3°	MACAS
1999/01/23	11:16:14	3.17S	80.11W	52.0	4.3	19.97	301.0°	MACHALA
1999/01/22	04:30:25	0.04S	78.45W	9.0	4.3	18.51	16.2°	QUITO
1999/01/03	08:12:42	0.65S	81.12W	38.4	4.1	86.37	300.8°	PORTOVIEJO
1999/01/03	08:40:14	0.69S	81.00W	20.0	4.0	72.92	303.5°	PORTOVIEJO
1999/01/03	23:11:03	0.79S	81.44W	8.7	4.4	113.43	284.8°	PORTOVIEJO
1999/01/04	15:16:15	0.90S	79.20W	110.7	4.2	64.08	272.9°	LATACUNGA
1999/01/05	07:00:21	2.10S	79.84W	10.0	4.2	11.88	32.4°	GUAYAQUIL
1999/01/05	13:39:16	0.85S	79.39W	4.6	4.2	86.57	276.2°	LATACUNGA
1999/01/10	01:40:22	1.58S	77.94W	174.9	4.0	11.09	149.5°	PUYO
1999/01/10	06:02:08	4.21S	79.16W	33.0	4.3	24.33	167.8°	LOJA
1999/01/11	09:26:25	3.88S	80.19W	48.0	4.3	73.41	200.4°	MACHALA
1999/01/12	19:12:07	0.75N	80.95W	33.0	4.2	143.84	260.1°	ESMERALDAS
1999/01/14	11:47:28	0.07N	77.37W	6.3	4.0	53.59	266.1°	N_LOJA
1999/01/15	03:05:42	0.43N	79.24W	12.5	4.0	76.61	141.4°	ESMERALDAS
1999/01/15	11:12:05	0.04N	80.17W	43.3	4.1	117.04	208.2°	ESMERALDAS
1999/01/16	11:12:44	1.11S	81.10W	20.0	4.0	72.22	264.4°	PORTOVIEJO
1999/01/23	12:39:51	3.85S	80.95W	13.1	4.4	128.14	239.1°	MACHALA
1999/01/23	15:08:10	2.19S	80.18W	7.4	4.0	31.61	270.8°	GUAYAQUIL
1999/01/27	10:15:28	4.24N	80.71W	23.0	4.2	381.67	342.4°	ESMERALDAS
1999/01/28	10:47:12	2.68N	79.50W	33.0	4.3	190.90	5.8°	ESMERALDAS
1999/01/28	12:22:01	0.94S	81.05W	20.0	4.0	67.43	280.8°	PORTOVIEJO
1999/01/28	17:06:01	2.63N	78.01W	33.0	4.0	204.74	351.0°	TULCAN
1999/01/31	00:00:29	2.66N	79.66W	20.0	4.2	187.52	0.4°	ESMERALDAS
1999/01/31	10:34:17	2.95S	80.75W	33.0	4.1	94.13	291.5°	MACHALA
1999/02/09	05:59:05	1.13S	78.45W	7.7	4.0	23.57	57.6°	AMBATO
1999/02/08	19:04:25	0.17S	80.74W	38.5	4.0	103.31	342.1°	PORTOVIEJO
1999/02/09	11:53:17	0.96S	81.41W	43.0	4.1	106.97	275.3°	PORTOVIEJO
1999/02/11	13:33:32	3.42S	80.64W	33.0	4.3	77.30	256.8°	MACHALA
1999/02/11	17:37:47	0.29N	78.33W	15.8	4.3	26.09	252.8°	IBARRA
1999/02/10	11:11:25	4.23S	80.56W	33.0	4.7	126.86	211.7°	MACHALA
1999/02/02	13:30:10	2.51N	79.98W	51.9	4.7	174.09	348.6°	ESMERALDAS
1999/02/17	23:36:11	0.78N	80.79W	40.5	4.1	125.74	260.5°	ESMERALDAS
1999/02/18	16:57:16	2.35S	79.73W	33.0	4.1	25.77	133.1°	GUAYAQUIL
1999/02/02	09:18:05	2.73N	79.48W	45.0	4.0	196.59	6.3°	ESMERALDAS
1999/02/03	19:37:40	2.03N	83.78W	52.0	4.8	471.31	284.4°	ESMERALDAS
1999/02/04	04:34:29	0.04S	77.73W	0.9	4.8	61.86	136.4°	IBARRA
1999/02/04	13:32:05	0.33N	78.28W	14.1	4.8	18.66	261.0°	IBARRA
1999/02/08	05:49:12	1.59S	77.76W	24.3	4.2	28.11	112.2°	PUYO
1999/02/08	06:57:15	1.13N	78.70W	9.5	4.1	108.17	322.7°	IBARRA

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1999/02/08	22:00:09	3.80S	76.47W	55.0	4.4	247.47	132.0°	MACAS
1999/02/15	01:53:01	1.09S	78.30W	10.9	4.0	40.15	116.9°	LATACUNGA
1999/02/15	10:31:22	3.40N	79.33W	50.0	4.2	272.80	8.0°	ESMERALDAS
1999/02/15	15:12:02	1.06S	78.77W	14.5	4.0	22.40	228.5°	LATACUNGA
1999/02/20	16:20:17	1.78S	81.46W	40.0	4.0	138.57	234.3°	PORTOVIEJO
1999/02/22	23:36:06	2.37S	77.00W	33.0	4.0	126.06	93.1°	MACAS
1999/02/24	20:34:27	1.31S	79.22W	33.0	4.5	38.87	321.1°	GUARANDA
1999/02/25	02:58:10	2.50S	79.40W	18.7	4.1	61.05	314.7°	CUENCA
1999/02/27	09:32:30	2.59N	79.61W	33.0	4.1	180.07	2.0°	ESMERALDAS
1999/02/28	07:39:27	2.20S	78.15W	33.0	4.1	12.76	349.8°	MACAS
1999/03/14	02:15:47	0.02S	78.52W	13.5	4.0	20.39	354.9°	QUITO
1999/03/10	09:11:35	1.12S	78.77W	12.7	4.1	19.89	310.6°	AMBATO
1999/03/11	16:57:30	3.03N	79.77W	52.0	4.5	228.94	357.1°	ESMERALDAS
1999/03/14	02:12:19	2.32S	80.24W	18.9	4.2	40.20	249.0°	GUAYAQUIL
1999/03/28	14:36:08	0.26S	79.35W	35.1	4.1	95.01	265.9°	QUITO
1999/03/26	17:33:01	0.05N	78.93W	19.1	4.1	55.85	300.2°	QUITO
1999/03/02	13:15:41	1.15S	79.79W	33.0	4.0	74.52	98.2°	PORTOVIEJO
1999/03/02	13:19:00	4.20S	80.58W	33.0	4.5	125.45	213.5°	MACHALA
1999/03/03	15:20:24	3.47S	77.93W	120.0	5.1	130.11	129.0°	AZOGUES
1999/03/04	00:47:28	2.22S	82.00W	33.0	4.3	215.75	232.8°	PORTOVIEJO
1999/03/04	12:28:10	2.76S	79.40W	12.0	4.3	46.30	288.6°	CUENCA
1999/03/05	06:08:38	1.10S	78.36W	11.1	4.0	33.65	61.8°	AMBATO
1999/03/10	09:02:05	3.81S	76.68W	55.0	4.2	232.44	136.0°	MACAS
1999/03/11	08:39:02	4.38S	79.30W	120.0	4.0	43.02	192.7°	LOJA
1999/03/13	14:56:34	2.71S	78.08W	12.0	4.0	45.03	173.2°	MACAS
1999/03/14	21:22:04	0.02N	80.00W	28.2	4.0	111.68	199.1°	ESMERALDAS
1999/03/15	08:44:08	2.34N	79.76W	33.0	4.0	152.61	356.1°	ESMERALDAS
1999/03/18	08:03:30	2.84S	80.14W	33.0	4.1	51.31	336.4°	MACHALA
1999/03/22	21:58:39	2.84N	79.29W	45.0	4.1	211.58	11.4°	ESMERALDAS
1999/03/22	22:21:36	2.79N	79.44W	45.0	4.0	204.04	7.3°	ESMERALDAS
1999/03/23	15:51:22	2.86S	79.83W	53.6	4.2	47.12	17.6°	MACHALA
1999/03/25	19:49:23	4.89S	81.69W	33.0	4.7	264.16	226.8°	MACHALA
1999/03/27	05:56:36	1.88S	81.03W	40.0	4.0	113.06	214.9°	PORTOVIEJO
1999/03/28	08:40:13	0.77S	78.72W	16.9	4.0	20.63	327.6°	LATACUNGA
1999/03/20	22:30:36	2.71S	78.19W	12.0	4.2	44.41	188.2°	MACAS
1999/03/26	18:50:39	1.04S	78.34W	11.9	4.2	33.46	110.5°	LATACUNGA
1999/04/01	06:16:00	1.32S	77.44W	274.2	4.3	51.41	125.7°	TENA
1999/04/10	12:03:06	1.13S	78.31W	11.2	4.2	37.11	70.9°	AMBATO
1999/04/18	12:32:22	1.65S	78.06W	179.1	4.5	19.10	202.4°	PUYO
1999/04/16	15:20:12	0.93S	79.75W	43.8	4.1	78.57	80.0°	PORTOVIEJO
1999/04/04	04:41:27	0.47N	79.74W	10.5	4.3	56.29	188.1°	ESMERALDAS
1999/04/04	15:23:17	0.05N	78.95W	9.8	4.2	57.26	299.3°	QUITO
1999/04/18	05:50:22	2.56N	79.93W	52.0	4.6	179.25	350.8°	ESMERALDAS
1999/04/18	11:02:22	4.14S	78.77W	22.7	4.3	20.52	113.1°	ZAMORA
1999/04/16	22:11:18	2.78S	78.01W	12.0	4.0	53.92	165.6°	MACAS
1999/04/16	22:38:04	2.99S	78.01W	12.0	4.0	76.24	169.7°	MACAS
1999/04/21	11:29:20	0.32S	77.45W	11.2	4.6	77.72	232.9°	N_LOJA
1999/04/21	02:21:23	1.61S	77.82W	205.9	4.0	23.05	125.1°	PUYO
1999/04/03	01:21:14	2.65S	79.73W	12.0	4.2	54.34	159.5°	GUAYAQUIL
1999/04/03	18:14:17	2.13S	79.71W	21.0	4.0	22.53	73.4°	GUAYAQUIL
1999/04/05	09:14:04	0.46N	79.78W	18.4	4.1	58.32	191.6°	ESMERALDAS
1999/04/05	21:59:158	3.19S	80.14W	35.0	4.0	21.66	291.8°	MACHALA
1999/04/06	02:54:05	1.96S	78.42W	132.3	4.0	40.98	141.0°	RIOBAMBA
1999/04/06	10:23:35	3.00S	81.76W	50.3	4.1	202.53	278.3°	MACHALA
1999/04/06	12:26:08	3.23S	81.63W	52.0	4.1	185.67	270.9°	MACHALA
1999/04/26	18:17:25	1.70S	77.92W	171.8	5.3	24.55	162.5°	PUYO

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1999/04/07	19:59:351	1.04S	78.29W	12.0	4.0	39.00	108.5°	LATACUNGA
1999/04/24	00:41:04	1.93S	81.53W	51.0	4.2	154.32	230.8°	PORTOVIEJO
1999/04/24	08:40:35	0.90S	82.49W	16.0	4.3	227.78	274.2°	PORTOVIEJO
1999/05/01	04:22:01	2.11S	80.88W	60.0	4.1	109.36	274.5°	GUAYAQUIL
1999/05/02	21:47:34	1.71S	81.59W	33.0	4.1	146.55	240.1°	PORTOVIEJO
1999/05/03	15:14:20	2.90N	79.61W	35.0	4.2	214.49	1.6°	ESMERALDAS
1999/05/07	01:32:23	0.04N	78.93W	11.4	4.2	54.67	299.8°	QUITO
1999/05/11	02:25:02	0.79S	79.17W	21.7	4.1	63.46	284.1°	LATACUNGA
1999/05/07	03:49:29	1.58S	77.74W	211.6	4.0	29.78	108.5°	PUYO
1999/05/11	12:55:30	2.01S	77.45W	217.0	4.1	82.95	66.1°	MACAS
1999/05/25	00:24:20	0.23N	77.39W	10.0	4.0	57.71	284.6°	N_LOJA
1999/05/25	02:16:08	0.68S	80.80W	20.0	5.0	56.89	316.2°	PORTOVIEJO
1999/05/25	02:19:55	4.68S	81.21W	26.0	5.2	210.57	221.3°	MACHALA
1999/05/23	10:27:10	1.63S	77.81W	191.3	4.5	25.26	128.8°	PUYO
1999/05/27	20:41:54	1.08S	78.29W	10.0	4.1	40.56	115.1°	LATACUNGA
1999/05/28	10:43:22	0.79S	81.29W	16.0	4.3	97.85	287.3°	PORTOVIEJO
1999/05/27	04:15:10	3.54S	81.57W	12.9	4.3	181.65	260.0°	MACHALA
1999/05/28	07:40:16	1.85S	82.09W	25.0	4.0	202.87	244.1°	PORTOVIEJO
1999/05/23	07:05:38	4.97S	82.30W	16.0	5.0	322.02	233.8°	MACHALA
1999/05/20	00:51:10	4.82S	80.85W	52.0	4.3	199.04	209.8°	MACHALA
1999/05/16	03:50:25	2.36S	76.78W	0.0	4.3	149.97	92.2°	MACAS
1999/05/16	04:17:03	0.00N	78.92W	17.0	4.3	52.24	295.4°	QUITO
1999/05/16	09:58:15	4.37S	80.16W	22.0	4.4	113.35	248.8°	LOJA
1999/05/17	19:29:22	4.93S	81.05W	52.0	4.8	221.83	213.2°	MACHALA
1999/05/17	23:40:44	0.03S	78.91W	20.0	4.8	48.98	292.8°	QUITO
1999/06/06	11:19:19	1.87N	83.17W	33.0	4.3	401.38	284.5°	ESMERALDAS
1999/06/12	03:59:140	2.41S	77.19W	29.3	4.3	104.55	95.8°	MACAS
1999/06/19	08:38:22	4.01S	77.91W	52.0	4.5	114.95	86.6°	ZAMORA
1999/06/20	15:22:03	2.27S	79.92W	10.0	4.5	8.75	192.4°	GUAYAQUIL
1999/06/17	21:16:08	2.19N	80.94W	25.0	4.5	195.54	313.9°	ESMERALDAS
1999/06/27	00:40:36	0.03S	78.48W	6.9	4.0	18.92	7.8°	QUITO
1999/06/24	00:53:10	1.28S	78.41W	12.7	4.0	25.02	99.0°	AMBATO
1999/06/27	01:52:05	0.04S	78.47W	8.4	4.1	17.87	9.8°	QUITO
1999/06/27	05:07:55	0.03S	78.48W	6.0	4.0	18.73	8.1°	QUITO
1999/06/25	05:41:14	2.58N	79.39W	60.0	4.0	181.40	9.9°	ESMERALDAS
1999/06/26	07:59:07	1.60S	78.22W	177.6	4.3	28.65	245.5°	PUYO
1999/06/29	11:07:12	0.85N	79.22W	33.9	4.1	51.80	104.4°	ESMERALDAS
1999/07/02	01:49:22	1.86S	79.77W	19.2	4.0	27.50	256.2°	BABAHYOYO
1999/07/03	23:49:39	0.09N	80.37W	43.4	4.0	124.69	218.7°	ESMERALDAS
1999/07/03	04:30:00	1.16S	78.86W	10.0	4.1	26.46	288.5°	AMBATO
1999/07/03	13:41:12	1.36S	79.11W	129.1	4.3	27.24	333.8°	GUARANDA
1999/07/09	20:51:22	2.74S	80.22W	10.0	4.2	64.45	333.9°	MACHALA
1999/07/13	02:46:08	0.98S	79.30W	113.5	4.3	74.81	333.8°	GUARANDA
1999/07/06	10:19:46	0.90S	80.41W	12.0	4.0	17.36	13.4°	PORTOVIEJO
1999/07/15	10:19:02	1.64S	80.22W	10.0	4.0	70.37	159.2°	PORTOVIEJO
1999/07/15	18:55:14	2.82S	78.99W	25.0	4.4	8.30	12.9°	CUENCA
1999/07/16	19:45:22	3.43S	79.93W	12.2	4.5	19.75	168.8°	MACHALA
1999/07/07	12:25:10	4.82S	76.91W	30.3	4.1	240.75	110.1°	ZAMORA
1999/07/07	23:38:11	3.88S	82.38W	41.4	4.8	277.25	255.7°	MACHALA
1999/07/10	10:29:04	2.58S	78.08W	12.0	4.0	30.58	169.8°	MACAS
1999/07/23	19:59:108	0.42S	79.92W	32.3	4.0	91.10	39.8°	PORTOVIEJO
1999/07/23	23:13:10	2.02S	79.96W	12.0	4.0	19.66	341.2°	GUAYAQUIL
1999/07/26	01:59:216	1.15N	76.64W	33.1	4.1	119.79	13.5°	N_LOJA
1999/07/14	06:29:14	4.42S	79.33W	5.3	4.5	48.35	196.0°	LOJA
1999/07/14	20:11:00	2.65S	79.71W	31.6	4.5	55.21	158.0°	GUAYAQUIL

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1999/07/31	07:13:06	0.81N	78.84W	33.7	4.4	93.67	100.6°	ESMERALDAS
1999/07/31	13:54:03	0.42N	79.24W	44.8	4.4	77.99	141.7°	ESMERALDAS
1999/08/03	15:59:01	3.42S	79.33W	75.2	5.6	65.54	348.3°	LOJA
1999/08/06	00:53:14	0.69N	79.19W	32.9	4.6	62.15	120.5°	ESMERALDAS
1999/08/10	18:33:36	1.07S	78.74W	14.0	4.1	20.23	220.8°	LATACUNGA
1999/08/11	01:10:01	0.09N	79.33W	39.2	4.1	97.72	289.3°	QUITO
1999/08/04	05:19:15	2.69S	79.03W	16.0	4.0	21.00	280.8°	AZOGUES
1999/08/05	01:42:06	3.70S	79.29W	20.1	4.4	34.28	344.9°	LOJA
1999/08/06	17:38:13	2.71S	77.73W	33.0	4.2	63.35	134.9°	MACAS
1999/08/11	04:13:09	0.65N	79.17W	28.4	4.0	65.97	122.9°	ESMERALDAS
1999/08/15	16:43:06	2.13S	80.65W	97.4	4.0	83.24	274.9°	GUAYAQUIL
1999/08/17	00:29:19	0.70S	78.70W	16.9	4.2	27.12	341.9°	LATACUNGA
1999/08/19	02:21:29	2.49S	78.11W	12.0	4.8	20.32	174.8°	MACAS
1999/08/19	18:09:05	2.95S	78.03W	20.0	4.3	72.42	171.3°	MACAS
1999/08/19	20:47:10	0.15S	80.90W	34.0	4.1	112.19	333.6°	PORTOVIEJO
1999/08/22	00:04:12	3.19S	77.69W	12.5	4.2	109.63	153.4°	MACAS
1999/08/23	09:07:10	1.62S	81.14W	33.0	4.0	99.98	230.4°	PORTOVIEJO
1999/08/25	06:13:55	1.05S	78.29W	12.0	4.0	38.99	110.8°	LATACUNGA
1999/08/25	21:41:06	0.76N	80.43W	29.8	4.3	87.54	254.7°	ESMERALDAS
1999/08/27	00:08:17	1.79S	76.96W	217.1	4.1	118.83	106.5°	PUYO
1999/08/27	06:35:02	3.53S	79.81W	33.0	4.2	34.44	151.8°	MACHALA
1999/08/28	01:06:23	0.75N	80.32W	38.4	4.4	76.07	251.7°	ESMERALDAS
1999/08/28	02:52:08	0.71N	80.27W	42.7	4.7	72.55	246.3°	ESMERALDAS
1999/08/28	04:58:06	0.71N	80.65W	31.0	4.7	112.47	255.0°	ESMERALDAS
1999/08/28	09:57:19	2.47S	76.02W	52.0	4.6	235.48	94.3°	MACAS
1999/08/28	12:40:01	1.36S	77.91W	197.7	5.8	16.71	32.9°	PUYO
1999/08/28	15:33:24	0.94S	79.40W	33.0	4.0	84.53	327.9°	GUARANDA
1999/08/29	15:18:38	3.09S	80.97W	20.0	4.3	114.39	279.6°	MACHALA
1999/08/30	03:46:05	0.28N	80.28W	16.0	4.0	102.64	221.4°	ESMERALDAS
1999/08/30	07:14:26	0.24N	80.41W	5.0	4.5	115.16	225.5°	ESMERALDAS
1999/08/30	14:59:34	0.03S	78.47W	7.9	4.2	19.00	9.2°	QUITO
1999/08/31	01:23:13	2.85S	79.65W	45.0	4.3	56.70	37.2°	MACHALA
1999/09/01	02:54:19	2.86N	79.69W	80.0	4.4	210.19	359.3°	ESMERALDAS
1999/09/02	13:50:11	0.64N	80.68W	40.8	4.0	117.64	251.9°	ESMERALDAS
1999/09/03	00:43:13	1.37S	81.47W	45.0	4.0	118.38	252.5°	PORTOVIEJO
1999/09/04	12:39:14	2.23S	78.81W	20.0	4.3	56.10	3.0°	AZOGUES
1999/09/06	10:34:11	0.43S	81.36W	20.0	4.3	122.04	304.2°	PORTOVIEJO
1999/09/09	07:58:10	3.01N	77.71W	45.0	4.1	244.93	0.2°	TULCAN
1999/09/10	00:53:20	3.16S	77.74W	33.0	4.1	103.63	155.1°	MACAS
1999/09/15	01:44:13	1.24S	77.64W	236.7	4.0	28.68	135.8°	TENA
1999/09/16	23:06:02	3.73S	80.22W	33.0	4.4	60.35	209.1°	MACHALA
1999/09/17	03:46:08	4.58S	76.20W	55.0	4.9	310.02	100.6°	ZAMORA
1999/09/17	08:54:21	1.13S	78.36W	10.0	4.7	32.75	68.6°	AMBATO
1999/09/17	09:02:27	1.13S	78.38W	10.2	4.1	30.90	66.5°	AMBATO
1999/09/18	09:19:10	2.90S	80.00W	33.0	4.1	40.55	353.2°	MACHALA
1999/09/21	19:11:12	0.21N	80.19W	12.0	4.2	102.81	214.3°	ESMERALDAS
1999/09/22	13:10:04	0.80N	79.35W	28.8	4.2	40.82	117.8°	ESMERALDAS
1999/09/23	18:56:24	2.05S	78.68W	20.0	4.0	41.82	184.2°	RIOBAMBA
1999/09/25	23:54:16	2.21S	80.09W	33.0	4.0	21.08	265.3°	GUAYAQUIL
1999/09/26	10:55:12	2.89N	79.82W	42.8	4.2	214.36	355.4°	ESMERALDAS
1999/09/28	05:35:28	3.88S	77.18W	33.0	4.2	196.95	83.8°	ZAMORA
1999/10/04	03:02:12	0.83S	77.65W	18.1	4.1	31.28	38.3°	TENA
1999/10/07	06:53:16	0.46S	77.86W	9.7	4.6	66.21	355.9°	TENA
1999/10/01	00:39:28	2.84S	78.12W	17.0	4.0	59.20	179.1°	MACAS
1999/10/04	06:51:11	4.05S	79.88W	45.0	4.3	74.15	265.6°	LOJA
1999/10/08	07:56:30	2.33N	79.71W	50.0	4.0	151.36	358.2°	ESMERALDAS

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



**ESCUELA POLITECNICA NACIONAL
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1999/10/10	16:07:47	1.09S	78.75W	22.7	4.0	21.25	319.4°	AMBATO
1999/10/11	08:21:03	1.38S	81.02W	25.0	4.2	72.90	239.7°	PORTOVIEJO
1999/10/12	13:09:11	3.61S	79.64W	39.0	4.9	52.45	137.4°	MACHALA
1999/10/14	06:24:09	1.59S	81.49W	33.0	4.0	130.06	242.7°	PORTOVIEJO
1999/10/20	10:44:04	1.47S	81.07W	35.0	4.1	83.17	236.2°	PORTOVIEJO
1999/10/21	04:48:13	2.43S	79.49W	23.5	4.5	53.10	120.5°	GUAYAQUIL
1999/10/21	06:36:16	1.57S	78.12W	152.3	4.7	17.33	237.5°	PUYO
1999/10/22	14:29:26	2.32S	78.75W	10.0	4.4	46.82	12.8°	AZOGUES
1999/10/23	00:47:11	1.22N	78.78W	22.7	4.4	102.72	74.5°	ESMERALDAS
1999/10/23	16:34:37	2.67S	78.20W	12.0	4.1	40.46	190.7°	MACAS
1999/10/23	18:14:17	0.71S	79.76W	20.7	4.0	85.38	63.7°	PORTOVIEJO
1999/10/23	23:18:04	1.98S	77.81W	0.0	4.0	50.56	44.2°	MACAS
1999/10/26	12:25:02	3.31S	78.86W	33.0	4.2	49.03	160.5°	CUENCA
1999/10/21	19:56:17	2.32N	79.75W	39.7	4.0	150.70	356.5°	ESMERALDAS
1999/11/06	16:47:59	5.40S	80.72W	6.9	5.0	228.51	227.3°	LOJA
1999/11/13	04:04:21	1.01S	77.68W	8.6	4.2	16.49	72.5°	TENA
1999/11/26	08:46:05	1.97S	81.50W	45.0	4.0	155.10	228.9°	PORTOVIEJO
1999/11/01	04:18:34	1.02N	80.91W	52.0	4.0	137.64	272.5°	ESMERALDAS
1999/12/01	02:00:32	4.32S	76.60W	33.0	4.5	262.01	96.1°	ZAMORA
1999/12/03	04:29:17	4.31S	81.31W	33.0	4.6	189.82	231.9°	MACHALA
1999/12/06	00:26:27	0.05S	80.55W	26.5	4.7	111.87	354.5°	PORTOVIEJO
1999/12/14	02:29:24	0.53S	78.43W	22.1	4.0	37.84	169.0°	QUITO
1999/12/17	06:24:23	2.09S	80.10W	18.0	4.0	25.42	297.2°	GUAYAQUIL
1999/12/23	19:49:30	1.29S	79.68W	5.8	4.0	59.15	343.7°	BABAHOYO
1999/12/25	02:29:37	1.09S	78.29W	10.2	4.1	40.30	116.2°	LATACUNGA
1999/12/25	15:00:34	1.07S	78.32W	15.5	4.0	37.20	115.0°	LATACUNGA
1999/12/27	23:23:03	2.38S	79.88W	12.0	4.4	20.73	175.4°	GUAYAQUIL
1999/12/30	09:31:51	4.06N	77.05W	33.0	4.5	368.25	11.6°	TULCAN

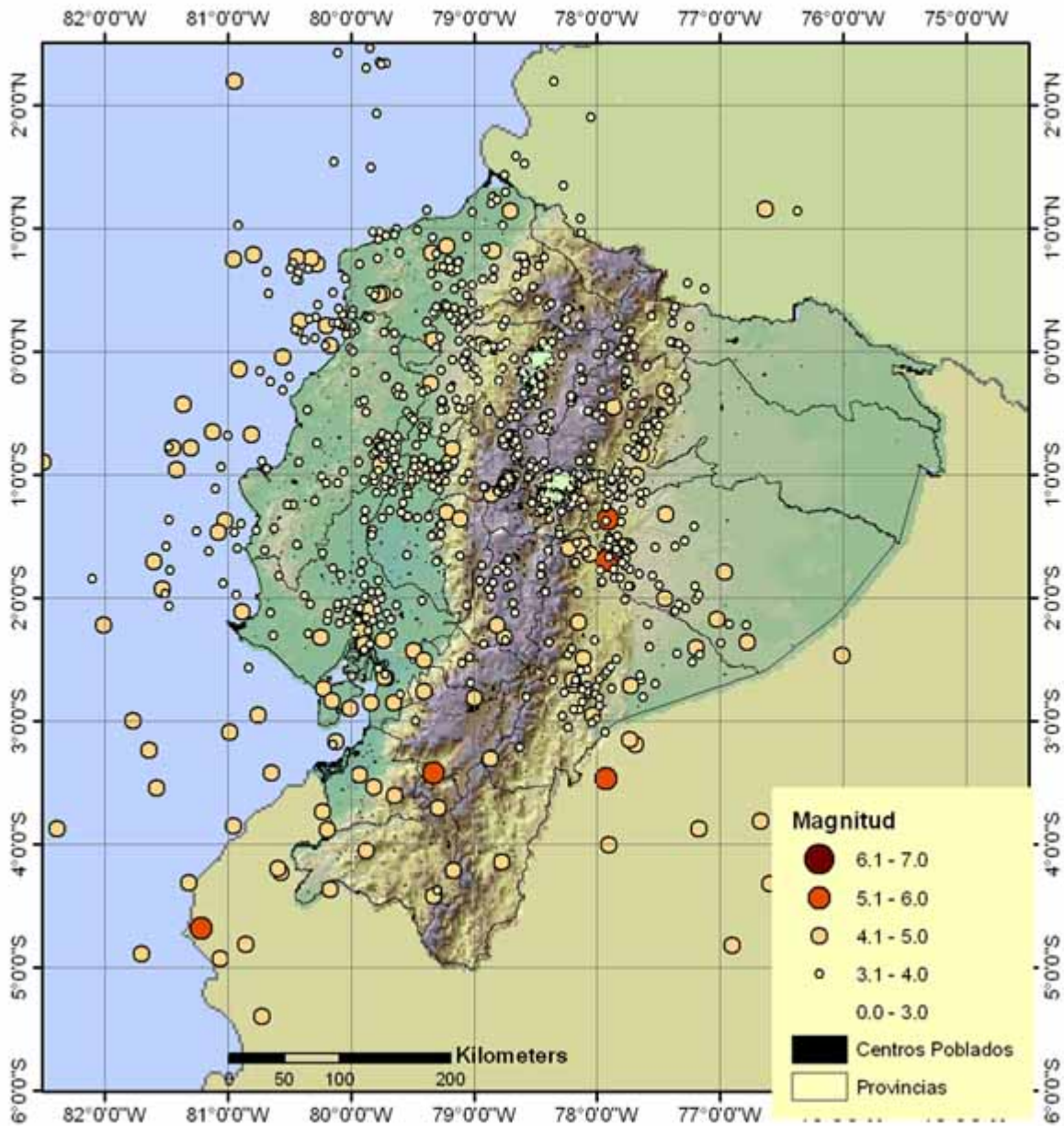


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