



## Sismicidad 1991

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. km	Mag.	DIST. km	AZIMUT grados	CIUDAD referencial
1991/01/06	01:48:22	4.23S	79.43W	27.9	4.6	35.42	222.9°	LOJA
1991/01/08	06:42:06	0.14S	80.58W	18.0	4.1	101.85	351.9°	PORTOVIEJO
1991/01/15	07:16:16	2.63S	81.13W	50.0	4.4	145.50	250.6°	GUAYAQUIL
1991/01/23	01:06:54	4.79N	79.94W	3.2	5.2	425.60	355.9°	ESMERALDAS
1991/01/26	02:16:22	3.53S	80.04W	26.9	4.4	30.67	196.2°	MACHALA
1991/01/27	22:33:22	0.86S	79.91W	52.0	4.0	63.75	70.6°	PORTOVIEJO
1991/02/09	15:28:13	1.15S	78.39W	23.5	4.0	28.21	69.3°	AMBATO
1991/02/11	10:33:33	0.74N	78.99W	28.5	4.3	79.37	109.0°	ESMERALDAS
1991/02/12	00:31:21	2.20S	80.02W	48.5	4.0	12.97	265.1°	GUAYAQUIL
1991/02/17	04:37:39	1.37S	77.78W	33.3	4.7	27.31	60.9°	PUYO
1991/02/17	08:36:50	0.16S	78.58W	1.3	4.3	10.17	298.9°	QUITO
1991/02/17	18:10:27	0.13S	78.61W	1.7	4.5	14.30	301.5°	QUITO
1991/02/20	07:39:24	0.98S	81.13W	45.2	4.5	76.47	275.6°	PORTOVIEJO
1991/02/22	18:40:15	4.10S	75.74W	47.3	5.4	331.41	126.9°	MACAS
1991/02/27	19:21:34	0.99N	79.13W	19.0	4.3	60.43	87.6°	ESMERALDAS
1991/03/01	17:33:06	1.37N	79.20W	48.5	5.1	68.71	49.2°	ESMERALDAS
1991/03/04	19:34:00	2.82S	80.27W	71.9	4.2	60.24	324.7°	MACHALA
1991/03/05	13:50:04	0.81N	79.81W	4.0	4.5	24.08	222.0°	ESMERALDAS
1991/03/09	19:07:22	0.47S	79.59W	19.2	4.0	115.43	55.8°	PORTOVIEJO
1991/03/12	13:42:12	0.59S	78.27W	117.1	4.7	50.06	149.7°	QUITO
1991/03/13	08:44:17	1.22N	79.16W	43.0	4.7	63.12	63.4°	ESMERALDAS
1991/03/20	13:10:02	1.66S	78.79W	44.4	4.9	15.19	275.4°	RIOBAMBA
1991/03/21	05:55:04	2.17S	79.16W	96.9	5.2	58.52	135.1°	BABAHOYO
1991/03/25	23:52:23	3.87N	79.58W	61.5	5.3	322.60	1.8°	ESMERALDAS
1991/03/27	08:30:08	0.99N	80.22W	25.9	4.4	61.62	272.1°	ESMERALDAS
1991/03/29	20:14:22	1.79S	79.48W	23.2	5.4	5.64	74.8°	BABAHOYO
1991/04/01	13:01:07	0.18S	78.41W	27.0	4.4	10.46	76.3°	QUITO
1991/04/04	03:24:21	0.82N	78.27W	41.1	4.9	53.98	340.3°	IBARRA
1991/04/04	15:24:40	6.27S	76.91W	47.5	6.3	333.05	137.3°	ZAMORA
1991/04/09	06:04:06	2.84S	77.44W	33.0	5.2	96.96	127.4°	MACAS
1991/04/12	03:51:48	5.51S	76.72W	36.7	5.5	293.67	123.0°	ZAMORA
1991/04/14	21:50:01	0.11N	77.25W	27.5	4.1	40.19	270.9°	N_LOJA
1991/04/19	10:01:14	1.03S	78.30W	20.1	4.3	37.50	108.1°	LÁTACUNGA
1991/04/22	11:03:08	0.29S	79.03W	12.8	4.6	59.17	260.5°	QUITO
1991/04/22	21:59:09	0.78N	78.99W	31.0	5.2	78.73	105.2°	ESMERALDAS
1991/04/24	05:13:61	6.87N	82.68W	34.9	5.7	735.35	333.0°	ESMERALDAS
1991/04/25	19:17:03	1.22S	78.35W	31.3	4.0	31.65	85.2°	AMBATO
1991/04/29	15:22:09	2.15S	77.67W	19.3	4.3	54.16	71.4°	MACAS
1991/04/29	18:14:08	4.83S	77.45W	35.0	5.4	185.88	117.0°	ZAMORA
1991/04/30	02:18:43	3.45N	80.76W	6.9	5.1	301.18	336.2°	ESMERALDAS
1991/05/02	07:04:41	3.62N	78.08W	32.1	5.0	315.04	352.6°	TULCAN
1991/05/02	10:30:07	1.13S	78.25W	26.0	5.6	44.47	73.7°	AMBATO
1991/05/10	02:42:07	1.20S	78.50W	19.4	4.1	14.60	73.5°	AMBATO
1991/05/10	09:09:30	1.69S	78.80W	119.0	4.0	16.81	261.1°	RIOBAMBA



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1991/05/11	17:58:10	0.04S	77.19W	17.3	4.5	36.54	243.9°	N_LOJA
1991/05/13	19:58:08	1.17S	78.12W	25.7	4.3	36.18	247.6°	TENA
1991/05/17	08:05:23	1.98S	79.82W	12.9	4.3	25.26	19.7°	GUAYAQUIL
1991/05/17	18:45:25	1.09S	79.84W	24.5	4.0	68.32	93.9°	PORTOVIEJO
1991/05/21	19:45:17	2.54S	77.96W	268.5	4.6	32.00	143.5°	MACAS
1991/05/26	01:17:08	0.92S	81.54W	29.7	4.4	121.63	276.6°	PORTOVIEJO
1991/05/26	04:32:03	1.49S	74.47W	38.1	4.7	321.74	123.4°	N_LOJA
1991/05/27	21:57:37	0.94S	78.74W	23.2	4.0	13.44	264.7°	LATACUNGA
1991/05/28	03:23:50	6.79S	76.83W	58.3	5.3	382.56	142.3°	ZAMORA
1991/05/28	07:18:45	0.11N	78.46W	10.3	4.0	34.91	8.0°	QUITO
1991/05/29	23:53:56	4.81S	74.95W	274.6	5.4	449.90	128.2°	MACAS
1991/05/31	14:37:04	1.34S	78.61W	14.3	4.0	11.65	171.0°	AMBATO
1991/06/02	20:12:00	1.08S	78.33W	24.6	4.2	36.55	117.7°	LATACUNGA
1991/06/04	23:10:27	3.79S	77.69W	26.9	4.6	142.59	77.2°	ZAMORA
1991/06/05	18:12:03	0.15N	79.23W	42.7	4.1	90.41	295.8°	QUITO
1991/06/06	05:21:01	2.21S	81.19W	51.0	4.6	143.35	269.1°	GUAYAQUIL
1991/06/12	00:46:25	3.16S	79.38W	113.8	5.4	50.84	233.3°	CUENCA
1991/06/12	14:46:47	3.45S	75.81W	52.0	4.8	287.21	116.2°	MACAS
1991/06/15	12:38:18	1.16S	78.35W	23.9	4.1	32.32	74.6°	AMBATO
1991/06/23	21:27:40	0.72S	77.99W	92.5	5.0	41.72	333.0°	TENA
1991/06/26	22:09:26	0.09N	80.10W	7.7	4.1	108.30	206.1°	ESMERALDAS
1991/06/28	13:47:10	1.04S	78.34W	2.3	4.0	33.14	111.2°	LATACUNGA
1991/07/03	05:03:21	1.34S	79.48W	4.8	4.1	51.24	6.1°	BABAHOYO
1991/07/06	12:23:11	0.93S	77.78W	25.5	5.3	14.68	19.8°	TENA
1991/07/12	06:25:11	0.66S	77.94W	2.0	4.0	45.36	342.5°	TENA
1991/07/25	10:55:05	1.51S	77.84W	212.3	4.2	16.45	97.6°	PUYO
1991/07/27	09:58:41	1.04S	78.35W	13.9	4.0	32.59	112.7°	LATACUNGA
1991/08/04	04:53:05	0.85S	82.29W	52.0	4.6	205.58	276.2°	PORTOVIEJO
1991/08/04	07:46:13	0.53S	79.77W	7.5	5.0	95.68	52.5°	PORTOVIEJO
1991/08/04	21:58:35	0.72S	81.89W	53.0	4.4	164.27	282.8°	PORTOVIEJO
1991/08/04	22:00:06	0.58S	81.54W	51.0	4.6	132.03	293.2°	PORTOVIEJO
1991/08/05	00:16:16	0.80S	81.60W	15.8	4.4	130.35	282.2°	PORTOVIEJO
1991/08/05	06:46:01	0.64S	82.02W	55.0	4.3	180.52	284.6°	PORTOVIEJO
1991/08/05	20:13:01	0.54S	81.87W	53.0	4.4	167.71	289.7°	PORTOVIEJO
1991/08/19	00:46:10	2.55S	79.75W	52.0	4.7	42.93	157.1°	GUAYAQUIL
1991/08/23	20:05:22	2.35N	77.37W	133.8	4.2	175.21	13.0°	TULCAN
1991/08/26	16:14:04	2.32S	78.03W	233.9	4.4	11.00	96.8°	MACAS
1991/08/27	08:32:27	2.08S	80.31W	54.0	4.5	47.10	285.3°	GUAYAQUIL
1991/08/27	11:50:31	2.93S	77.77W	184.0	4.8	79.27	149.9°	MACAS
1991/08/29	11:13:25	1.26S	77.77W	248.4	4.1	24.50	166.6°	TENA
1991/09/01	13:53:41	0.42N	78.63W	17.3	4.4	58.51	276.0°	IBARRA
1991/09/06	01:54:19	2.10S	80.61W	97.5	4.2	80.08	277.5°	GUAYAQUIL
1991/09/06	04:01:52	0.10N	78.43W	10.0	4.2	33.59	12.6°	QUITO
1991/09/15	19:49:17	2.52S	79.21W	104.7	4.3	46.84	331.0°	CUENCA
1991/09/24	02:17:46	3.15S	80.56W	53.0	4.3	67.51	280.5°	MACHALA
1991/09/24	21:56:06	1.10S	78.30W	19.7	4.1	40.17	67.1°	AMBATO
1991/09/25	00:37:03	1.19S	81.09W	27.1	4.2	72.96	257.3°	PORTOVIEJO
1991/10/04	20:46:12	3.45N	76.78W	163.3	4.6	311.29	19.6°	TULCAN
1991/10/06	12:21:19	0.00N	79.84W	17.1	4.0	109.22	189.8°	ESMERALDAS
1991/10/06	16:50:83	5.93S	74.94W	28.3	5.2	489.60	114.9°	ZAMORA
1991/10/07	03:30:03	2.84S	79.97W	60.8	4.5	46.32	358.5°	MACHALA
1991/10/11	16:58:22	2.02S	79.79W	12.9	4.0	22.55	32.2°	GUAYAQUIL
1991/10/18	23:57:29	2.77S	77.95W	271.9	4.0	54.94	158.9°	MACAS
1991/10/27	16:22:09	0.96S	78.06W	160.9	4.1	28.19	290.3°	TENA
1991/11/12	22:50:00	0.94S	79.49W	102.6	4.0	89.76	322.3°	GUARANDA
1991/11/13	13:22:03	2.50N	77.30W	23.6	4.8	193.72	13.9°	TULCAN
1991/11/15	01:58:25	1.92S	78.70W	20.9	4.0	28.59	190.1°	RIOBAMBA
1991/11/19	22:29:09	4.58N	77.69W	43.5	6.2	418.61	0.4°	TULCAN

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



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1991/11/22	13:23:23	0.76S	78.68W	42.6	4.1	19.78	339.8°	LATACUNGA
1991/11/24	19:12:11	3.33N	79.96W	29.2	5.0	263.97	353.1°	ESMERALDAS
1991/11/25	14:17:30	1.61S	77.64W	80.8	4.8	41.25	108.9°	PUYO
1991/11/26	13:18:36	1.12S	78.32W	34.7	4.4	37.26	68.5°	AMBATO
1991/11/27	11:46:18	0.39N	78.05W	70.3	4.4	7.54	66.8°	IBARRA
1991/12/01	00:47:03	2.23S	78.98W	28.0	4.5	57.59	344.4°	AZOGUES
1991/12/01	04:14:01	0.01S	81.16W	27.2	4.1	140.11	325.9°	PORTOVIEJO
1991/12/02	17:31:12	0.18S	78.22W	2.5	4.3	31.19	85.4°	QUITO
1991/12/12	07:13:05	1.46S	78.21W	178.0	4.5	25.00	276.4°	PUYO
1991/12/12	20:50:11	1.29S	78.11W	14.0	4.2	25.51	329.6°	PUYO
1991/12/15	19:00:00	7.60S	75.27W	939.9	4.3	565.33	133.9°	ZAMORA
1991/12/16	21:10:01	0.87S	78.86W	47.5	4.0	27.68	284.3°	LATACUNGA
1991/12/17	08:44:13	2.63S	75.76W	46.9	4.8	265.40	97.8°	MACAS
1991/12/22	12:41:00	0.44S	77.38W	23.5	4.3	80.75	222.6°	N_LOJA
1991/12/24	10:33:00	1.80S	78.13W	231.2	4.2	37.58	203.5°	PUYO
1991/12/27	06:34:28	4.77S	82.12W	26.4	4.9	292.51	235.0°	MACHALA

### SISMICIDAD 1991

