BOLETIM SÍSMICO BRASILEIRO Nº17
BRAZILIAN SEISMIC BULLETIN

EVENTOS REGISTRADOS OU SENTIDOS NO BRASIL E REGIÕES VIZINHAS EM 1994 E 1995.

YEAR	MMDD	HHMMSS	LAT.	LONG.	ERR	ST	DEPTH	MAG.	T	CAT	I_o	LOCALITY	COMMENTS
1994	0115	214627	-23.84	-47.24	20	SP		2.2	I	I		Piaí	(IPT) Explosão?
1994	0120	062747	-15.87	-45.21	150	MG		2.7	I	I		SãoFrancisco	(UnB)
1994	0209	121538	-22.76	-56.71	40			3.0	I	I		Paraguai	(IPT UnB AGCOPEL)
1994	0218	015519	-05.65	-35.85	10	RN		2.0	5	I		João Câmara	(UFRN IAG)
1994	0220	045340	-05.65	-35.85	10	RN		2.0	5	I		João Câmara	(IAG)UFRN
1994	0220	060447	-05.65	-35.85	10	RN		2.0	5	I		João Câmara	(UFRN IAG)
1994	0220	122359	-05.65	-35.85	10	RN		2.0	5	I		João Câmara	(UFRN IAG)
1994	0221	231117	-04.41	-38.15	2	CE	4	2.0	5	I		Cascavel	(UFRN UnB IAG)
1994	0222	135348	-04.41	-38.15	2	CE	4	2.2	5	I		Cascavel	(UFRN IAG)
1994	0224	182259	-04.41	-38.15	2	CE	4	2.1	5	I		Cascavel	(UFRN IAG)
1994	0307	200015	-19.17	-47.61	20	MG		2.5	I	I		Sacramento	(UnB)
1994	0321	002531	-19.38	-47.65	10	MG		2.4	I	I		Nova Ponte	(UnB)
1994	0324	084018	-16.35	-50.49	30	GO		2.3	I	I		Sanclerland	(UnB)
1994	0406	121822	-09.75	-36.54	20	AL		2.8	I	I	IV	Junqueiro	(IAG UnB)
1994	0406	204117	-25.51	-56.10	50			2.1	I	I		Paraguai	(UnB) Explosão?
1994	0411	081533	-25.15	-45.89	50	SP		2.2	I	I		Margem Cont.	(IPT IAG)
1994	0411	180321	-19.89	-44.15	5	MG	1	2.6	I	I	III	Betim	(IAG UnB) varios
1994	0413	000742	-19.89	-44.15	5	MG	1	2.3	I	I	III	Betim	(IAG UnB) varios
1994	0419	150036	-25.60	-56.05	50			2.3	I	I		Paraguai	(UnB) Explosão?
1994	0421	100059	-18.46	-47.37	50	MG		2.1	I	I		A.Dourados	(UnB)
1994	0429	071130	-28.30	-63.25	20		562	6.3	0			Argentina	(GS) Parana IIMM
1994	0510	063628	-28.50	-63.10	5		600	6.4	0			Argentina	(GS) Campinas II MM
1994	0519	194612	-20.33	-45.63	30	MG		2.1	I	I		Pains	(UnB)
1994	0525	233730	-25.09	-45.06	20	SP		2.1	I	I		Margem Cont.	(IPT IAG)
1994	0601	212207	-23.12	-40.97	20	RJ		3.3	I	I		Margem Cont.	(UnB IAG)
1994	0608	053233	-19.38	-47.65	5	MG		2.8	I	I		Nova Ponte	(UnB)
1994	0609	002640	-23.45	-45.51	2	SP	2	2.6	5	I		Paraibuna	(IPT IAG)
1994	0609	003316	-13.84	-67.55	20		631	7.0	0			Bolivia	(GS8.3Mw Brasil IVMM)
1994	0613	160453	-04.41	-38.15	2	CE	4	2.1	5	I		Cascavel	(UFRN UnB IAG)
1994	0614	144441	-04.41	-38.15	2	CE	4	2.1	5	I		Cascavel	(UFRN UnB IAG)
1994	0614	184007	-04.41	-38.15	2	CE	4	2.1	5	I		Cascavel	(UFRN UnB IAG)
1994	0614	201808	-04.41	-38.15	2	CE	4	2.0	5	I		Cascavel	(UFRN UnB IAG)
1994	0615	140807	-04.41	-38.15	2	CE	4	2.2	5	I		Cascavel	(UFRN IAG)
1994	0616	115743	-04.41	-38.15	2	CE	4	2.1	5	I		Cascavel	(UFRN IAG)
1994	0618	210207	-04.41	-38.15	2	CE	4	2.9	1	I		Cascavel	(UFRN varios IAG)
1994	0619	023355	-04.41	-38.15	2	CE	4	2.2	5	I		Cascavel	(UFRN IAG)
1994	0619	193320	-04.41	-38.15	2	CE	4	2.4	5	I		Cascavel	(UFRN UnB IAG)
1994	0619	193503	-04.41	-38.15	2	CE	4	2.0	5	I		Cascavel	(UFRN IAG)
1994	0620	181544	-04.41	-38.15	2	CE	4	2.6	5	I		Cascavel	(UFRN UnB IAG)
1994	0621	020001	-04.41	-38.15	2	CE	4	2.6	5	I		Cascavel	(UFRN UnB IAG)
1994	0621	123124	-05.46	-35.69	10	RN		2.3	5	I		João Câmara	(UFRN IAG)
1994	0622	013047	-04.41	-38.15	2	CE	4	2.0	5	I		Cascavel	(UFRN IAG)
1994	0623	073237	-04.41	-38.15	2	CE	4	2.5	5	I		Cascavel	(UFRN IAG)
1994	0623	074431	-04.41	-38.15	2	CE	4	2.5	5	I		Cascavel	(UFRN UnB IAG)
1994	0623	074559	-04.41	-38.15	2	CE	4	2.5	5	I		Cascavel	(UFRN UnB IAG)
1994	0623	184534	-04.41	-38.15	2	CE	4	2.0	5	I		Cascavel	(UFRN UnB IAG)
1994	0623	231516	-04.41	-38.15	2	CE	4	2.2	5	I		Cascavel	(UFRN UnB IAG)
1994	0701	003124	-13.71	-37.59	200	BA	0	3.4	I	I		Margem Cont	(IAG)
1994	0703	100434	-04.41	-38.15	2	CE	4	2.3	5	I		Cascavel	(UFRN UnB IAG)
1994	0707	080945	-04.41	-38.15	2	CE	4	2.4	5	I		Cascavel	(UFRN UnB IAG)
1994	0707	212213	-19.86	-46.96	40	MG		2.5	I	I		Tapira	(UnB)
1994	0707	221559	-24.02	-49.73	20	PR		2.3	I	I		Calogeras	(IPT IAG)
1994	0713	025202	-21.85	-46.61	5	MG		2.2	I	I	IV	P. de Caldas	(IPT IAG UnAF=1.27
1994	0715	043557	-04.41	-38.15	2	CE	4	2.1	5	I		Cascavel	(UFRN UnB IAG)
1994	0724	093211	-04.41	-38.15	2	CE	4	2.2	5	I		Cascavel	(UFRN UnB IAG)
1994	0724	112101	-04.41	-38.15	2	CE	4	2.5	1	I		Cascavel	(UFRN UnB IAG)
1994	0724	113053	-04.41	-38.15	2	CE	4	2.4	5	I		Cascavel	(UFRN UnB IAG)
1994	0724	121216	-04.41	-38.15	2	CE	4	2.7	5	I		Cascavel	(UFRN UnB IAG)
1994	0724	135602	-04.41	-38.15	2	CE	4	2.9	5	I		Cascavel	(UnB IAG)
1994	0725	190103	-04.41	-38.15	2	CE	4	2.2	5	I		Cascavel	(UFRN UnB IAG)

YEAR	MMDD	HHMMSS	LAT.	LONG.	ERR	ST	DEPTH	MAG.	T	CAT	I_o	LOCALITY	COMMENTS
1994	0727	151722	-19.13	-47.68	5	MG		2.0	5	1		Nova Ponte	(UnB)
1994	0728	040802	-19.10	-47.65	5	MG		2.0	5	1		Nova Ponte	(UnB)
1994	0729	160316	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0730	001547	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0801	203804	-04.41	-38.15	2	CE	4	2.3	5	1		Cascavel	(UFRN UnB IAG)
1994	0803	153838	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN IAG)
1994	0805	105517	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0805	125603	-04.41	-38.15	2	CE	4	2.8	5	1		Cascavel	(UFRN UnB IAG)
1994	0805	184236	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0806	221931	-10.51	-37.34	50	SE		2.6	1	1		Gado Bravo	(IAG) Explosão?
1994	0808	025035	-04.41	-38.15	2	CE	4	2.2	5	1		Cascavel	(UFRN UnB IAG)
1994	0808	141422	-04.41	-38.15	2	CE	4	2.4	5	1		Cascavel	(UFRN UnB IAG)
1994	0808	150610	-04.41	-38.15	2	CE	4	2.4	5	1		Cascavel	(UFRN UnB IAG)
1994	0808	162005	-04.41	-38.15	2	CE	4	2.2	5	1		Cascavel	(UFRN UnB IAG)
1994	0810	024142	-04.41	-38.15	2	CE	4	2.2	5	1		Cascavel	(UFRN UnB IAG)
1994	0811	072334	-04.41	-38.15	2	CE	4	3.5	1	1		Cascavel	(UFRN IAG UnB)
1994	0811	072757	-04.41	-38.15	2	CE	4	2.4	1	1		Cascavel	(UFRN UnB IAG)
1994	0811	150101	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0812	062009	-03.70	-31.00	300	RN		3.5	1	1		F.Noronha?	(UFRN UnB IAG)
1994	0815	081228	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0815	103407	-04.41	-38.15	2	CE	4	2.1	5	1		Cascavel	(UFRN IAG)
1994	0819	100252	-26.64	-63.42	20		564	6.4	0			Argentina	(GS) São Paulo II MM
1994	0821	051223	-21.32	-46.16	2	MG	1	2.4	1	1	III	Arcado	(IAG IPT) varios
1994	0824	070114	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0826	013147	-05.49	-36.54	2	RN		3.0	1	1		N.S. Rafael	(UFRN UnB IAG)varios
1994	0826	075230	-05.49	-36.54	2	RN		2.6	1	1		N.S. Rafael	(UFRN UnB IAG)
1994	0911	014122	-05.46	-35.69	10	RN		3.5	1	1		João Câmara	(UFRN IAG UnB)
1994	0916	001036	-05.46	-35.69	10	RN		2.2	5	1		João Câmara	(UFRN)
1994	0920	070946	-04.41	-38.15	2	CE	4	2.8	1	1		Cascavel	(UFRN UnB IAG)
1994	0920	091753	-23.17	-46.11	2	SP	2	2.6	5	1		Igarata	(IPT IAG)
1994	0921	063117	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	0922	002011	-04.41	-38.15	2	CE	4	2.3	5	1		Cascavel	(UFRN)
1994	0923	010517	-13.42	-39.66	40	BA		2.7	1	1	III-IV	Jaguaquara	(IAG)
1994	0929	181645	-04.41	-38.15	2	CE	4	2.3	5	1		Cascavel	(UFRN UnB IAG)
1994	1002	223848	-04.41	-38.15	2	CE	4	2.1	5	1		Cascavel	(UFRN UnB IAG)
1994	1002	231748	-04.41	-38.15	2	CE	4	2.1	5	1		Cascavel	(UFRN UnB IAG)
1994	1023	113933	-04.41	-38.15	2	CE	4	2.1	5	1		Cascavel	(UFRN UnB IAG)
1994	1027	002819	-04.41	-38.15	2	CE	4	2.0	5	1		Cascavel	(UFRN UnB IAG)
1994	1101	144241	-05.65	-35.85	10	RN		2.2	5	1		João Câmara	(UFRN IAG)
1994	1104	121947	-04.41	-38.15	2	CE	4	2.8	1	1		Cascavel	(UFRN UnB IAG)
1994	1113	044717	-20.20	-44.40	10	MG		3.0	1	1	IV-V	Brumadinho	(IAG UnB IPT)AF=1.65
1994	1115	031044	-04.41	-38.15	2	CE	4	2.5	1	1		Cascavel	(UFRN UnB IAG)
1994	1231	191751	-19.02	-43.75	10	MG		2.4	1	1	IV	Sant. Riacho	(UnB IAG) varios, AF=0.1
1995	0110	080013	-02.54	-32.98	50	RN		2.5	1	1		Plat. Cont.	(UFRN Unb)
1995	0111	173706	-17.22	-48.62	20	GO		2.5	1	1		Pires do Rio	(UnB)
1995	0113	001822	-04.41	-38.15	2	CE		2.2	5	1		Cascavel	(UFRN IAG)
1995	0113	002046	-04.41	-38.15	2	CE		2.6	5	1		Cascavel	(UFRN IAG)
1995	0115	214627	-23.84	-47.24	30	SP		2.2	1	1		Piaí	(IPT)
1995	0116	013743	-13.48	-50.88	50	GO		2.1	1	1		Bandeirantes	(UnB)
1995	0118	192108	-04.41	-38.15	2	CE		2.5	5	1		Cascavel	(UFRN UnB)
1995	0118	204507	-04.41	-38.15	2	CE		2.2	5	1		Cascavel	(UFRN UnB)
1995	0118	002145	-04.41	-38.15	2	CE		2.6	5	1		Cascavel	(UFRN)
1995	0120	142147	-04.41	-38.15	2	CE		2.1	5	1		Cascavel	(UFRN UnB)
1995	0128	032300	-23.99	-49.18	20	SP		2.5	1	1		Itararé	(IPT IAG)
1995	0209	033031	-24.63	-45.69	80	SP		2.2	1	1		Margem Cont	(IPT IAG)
1995	0209	221722	-12.47	-54.20	80	MT		3.7	1	1		Consul	(UnB)
1995	0210	072719	-21.78	-46.51	30	MG		2.1	1	1		P. de Caldas	(IPT UnB IAG)
1995	0311	035206	-26.13	-48.39	30	SC		2.8	1	1		Plat. Cont.	(IPT IAG COPEL UFRS)
1995	0312	144208	-05.55	-35.88	30	RN		2.3	5	1		Joao Câmara	(UFRN)
1995	0314	204211	-13.75	-47.72	50	GO		2.4	1	1		Cavalcante	(UnB)
1995	0318	025931	-24.50	-49.87	10	PR		2.5	1	1	V	Pirai do Sul	(IAG IPT COPEL)
1995	0320	032638	-05.37	-35.94	30	RN		2.9	5	1		Joao Câmara	(UFRN UnB)
1995	0320	001100	-05.53	-35.75	30	RN		2.1	5	1		Joao Câmara	(UFRN)
1995	0320	121258	-12.27	-49.32	50	TO		2.6	1	1		Figueirópolis	(UnB)
1995	0327	023758	-13.43	-48.61	50	GO		2.0	1	1		S.T.de Goias	(UnB)
1995	0329	004136	-07.11	-40.22	30	CE		2.6	1	1		Aiuaba	(UFRN IAG UnB)
1995	0329	210018	-12.51	-49.14	50	TO		2.2	1	1		Alvorada	(UnB)
1995	0402	111737	-24.98	-48.41	20	SP		2.5	1	1		Rio Vermelho	(IPT)
1995	0412	172801	-12.29	-40.38	50	BA		2.2	1	1		Itaberaba	(IAG) Explosao?
1995	0419	211123	-19.12	-47.57	10	MG		2.5	1	1		Nova Ponte	(UnB)

YEAR	MMDD	HHMMSS	LAT.	LONG.	ERR	ST	DEPTH	MAG.	T	CAT	I_o	LOCALITY	COMMENTS
1995	0421	085127	-19.14	-47.67	5	MG		3.5	I	I	III	Nova Ponte	(UnB IPT IAG)
1995	0422	165050	-04.41	-38.15	2	CE		3.5	I	I		Cascavel	(UFRN UnB IAG)
1995	0423	013657	-04.67	-38.19	20	CE		2.7	I	I		Hidrolandia	(UFRN UnB IAG)
1995	0428	133308	-05.61	-35.61	10	RN		2.6	I	I		Taipu	(UFRN IAG UnB)
1995	0502	164926	-25.68	-48.31	50	SP		3.1	I	I		Margem Cont.	(IPT)
1995	0504	005051	-25.33	-43.98	50	SP		2.5	I	I		Margem Cont.	(IPT IAG)
1995	0507	175716	-13.37	-49.03	30	GO		2.0	I	I		Porangatu	(UnB)
1995	0510	013756	-03.91	-40.41	5	CE		3.4	I	I		Groairas	(UFRN IAG UnB)
1995	0522	005624	-23.17	-46.15	2	SP		2.0	I	I	IV	Igaratá	(IPT IAG) AF=0.015
1995	0526	194344	-20.20	-47.65	50	SP		2.9	I	I		Buritizal	(UnB)
1995	0527	231944	-20.01	-44.70	20	MG		3.1	I	I		Igaratinga	(UnB IPT IAG)
1995	0528	092259	-20.93	-47.65	50	SP		2.7	I	I		Batatais	(UnB)
1995	0529	115820	-19.46	-47.57	20	MG		2.5	I	I		Nova Ponte	(UnB)
1995	0529	185746	-18.77	-45.56	70	MG		2.5	I	I		Biquinhas	(UnB)
1995	0530	014113	-10.79	-38.19	50	SE		2.2	I	I		Poco Verde	(IAG)
1995	0530	130120	-20.92	-47.63	50	SP		2.6	I	I		Nuporanga	(UnB)
1995	0530	194308	-19.68	-47.50	30	MG		3.0	I	I		Nova Ponte	(UnB)
1995	0531	003647	-25.15	-44.60	50	SP		3.0	I	I		Margem Cont.	(IAG IPT)
1995	0602	093211	-20.54	-47.66	50	SP		2.9	I	I		São José	(UnB)
1995	0603	052631	-18.03	-46.74	50	GO		3.1	I	I		Vazante	(UnB IAG)
1995	0603	195003	-19.43	-47.81	30	MG		2.6	I	I		Nova Ponte	(UnB)
1995	0604	024924	-19.56	-45.66	60	MG		2.5	I	I		Dores Indaiá	(UnB) IAG)
1995	0604	031953	-20.00	-45.67	20	MG		2.5	I	I		Lagoa Prata	(UnB IAG IPT)
1995	0604	121920	-06.83	-39.06	20	CE		2.5	I	I		L. Mangabeira	(UFRN UnB)
1995	0605	065137	-19.38	-45.76	60	MG		2.4	I	I		Dores Indaiá	(UnB IAG)
1995	0606	003222	-20.32	-48.41	30	SP		2.8	I	I		Guaira	(UnB IPT IAG)
1995	0606	174204	-21.02	-47.55	40	SP		2.5	I	I		Altinópolis	(UnB)
1995	0606	174343	-21.03	-47.60	40	SP		2.7	I	I		Altinópolis	(UnB)
1995	0608	034811	-19.50	-45.74	60	MG		2.5	I	I		Dores Indaiá	(UnB IAG)
1995	0608	121837	-02.89	-41.80	100	PI		2.1	I	I		Parnaiba	(UnB)
1995	0608	200013	-20.86	-47.57	50	SP		2.5	I	I		Batatais	(UnB)
1995	0618	084444	-24.00	-49.51	10	PR		2.6	I	I		Reianópolis	(IPT IAG)
1995	0621	025743	-10.79	-48.34	20	TO		2.9	I	I		P. Nacional	(UnB IAG)
1995	0623	200107	-21.12	-44.41	60	MG		2.0	I	I		Cassiterita	(UnB)
1995	0625	001657	-23.45	-45.52	5	SP		2.0	I	I		Paraibuna	(IPT IAG)
1995	0627	001450	-05.53	-35.75	30	RN		2.0	I	I		João Câmara	(UFRN)
1995	0627	041353	-05.53	-35.75	30	RN		2.1	I	I		João Câmara	(UFRN)
1995	0627	000414	-05.53	-35.75	30	RN		2.0	I	I		João Câmara	(UFRN)
1995	0716	222206	-23.18	-51.19	200	SP		2.2	I	I		Bilac	(IAG)
1995	0718	094024	-05.53	-35.75	30	RN		2.0	I	I		João Câmara	(UFRN)
1995	0720	230749	-24.64	-46.55	50	SP		2.1	I	I		Margem Cont.	(IPT)
1995	0726	202738	-20.41	-45.49	10	MG		2.3	I	I		Formiga	(UnB IAG) Explosão?
1995	0806	070340	-22.69	-51.55	50	PR		2.7	I	I		Maira	(IPT IAG)
1995	0810	191632	-09.86	-50.54	70	MT		2.9	I	I		Vila Rica	(UnB)
1995	0824	032006	-19.17	-47.86	20	MG		3.0	I	I		Nova Ponte	(UnB)
1995	0824	051929	-12.22	-49.91	70	TO		2.5	I	I		Sandolândia	(UnB)
1995	0824	213110	-05.53	-35.75	30	RN		2.5	I	I		João Câmara	(UFRN)
1995	0827	001212	-16.67	-43.94	10	MG		2.6	I	I		Montes Claros	(IAG UnB IPT)
1995	0827	200835	-16.67	-43.94	10	MG		3.7	I	I	VI	Montes Claros	(IAG UnB IPT)
1995	0828	125958	-16.67	-43.94	10	MG		2.4	I	I		Montes Claros	(IAG UnB IPT)
1995	0921	001700	-11.93	-61.93	5	RO		2.6	4	C	III	Rolim de Moura	(IAG)
1995	1004	065553	-14.89	-48.78	40	GO		2.0	I	I		Dois Irmãos	(UnB)
1995	1012	001045	-04.41	-38.15	2	CE		2.5	5	I		Cascavel	(UFRN IAG)
1995	1028	000607	-23.73	-53.21	50	PR		2.8	I	I		Lovat	(IPT UnB)
1995	1030	023715	-05.53	-35.75	30	RN		2.3	I	I		João Câmara	(UFRN)
1995	1102	065551	-13.60	-48.95	30	GO		2.5	I	I		S.T. de Goias	(UnB)
1995	1110	172742	-18.78	-44.70	50	MG		2.5	I	I		Formiga	(IAG) Explosão?
1995	1125	062203	-05.53	-35.75	30	RN		2.2	I	I		João Câmara	(UFRN)
1995	1125	191249	-05.53	-35.75	30	RN		2.5	I	I		João Câmara	(UFRN)
1995	1126	025203	-19.83	-46.24	30	MG		2.3	I	I		Campos Altos	(IPT UnB IAG)
1995	1211	204947	-13.81	-48.85	40	GO		2.7	I	I		Formoso	(UnB)
1995	1227	095344	-05.53	-35.75	30	RN		2.4	I	I		João Câmara	(UFRN)
1995	1227	212914	-05.53	-35.75	30	RN		2.0	I	I		João Câmara	(UFRN)
1995	1229	135952	-13.82	-49.43	100	GO		2.4	I	I		Mutunópolis	(UnB)

LEGEND:

DATA FORMAT IN THE LISTING:

YEAR MMDO	year month_day
HHMMSS	origin time in UNIVERSAL TIME, even for historical Brazilian events. Subtract 3 hours to get Brasilia official time local (eastern) time = UT-3 hours.
LAT.LONG	epicentral cordinates
ERR	estimate of epicentral uncertainty(km).
ST	state in Brazil where epicenter is located.
DEPTH	hypocentral depth (km).!
MAG	magnitude
T	magnitude type as describe below.
CAT	event category as describe below.
I_o	maximum observed intensity (Modified Mercalli).
COMMENTS	data source or reference in (). AF=total felt area (10^3 km^2).

EVENT CATEGORY:

The events are classified in categories A to C, according to the quality of the information used to determine the epicenter:

A epicenter based on macroseismic information allowing isoseismal contours, maximum intensity (I_o), and felt area to be determined.

B epicenter based on macroseismic information with an approximate estimate of the felt area and some intensities.

C macroseimic informaation assurring the event di occur, but without reliable estimate of felt area o maximum intensity.

E effects of large earthquakes outside Brazil, speciall deep Andean events, felt mainly in tall buildings in São Paulo and other cities.

I epicenter with instrumental data.

MAGNITUDE TYPE:

0: Teleseismic body wave magnitude m_b, usually given by ISC or USGS.

1: Brazilian regional magnitude (m_R), equivalent to mb (Assumpção, 1983).

2: average of m_b and m_R determinations.

3: estimate of mb from the felt areas (Berrocal et al., 1984):
$m_b = 1.63 + 0.60 * \log(\text{Area II MM, km}^2)$
$m_b = 2.29 + 0.55 * \log(\text{Area IV MM, Km}^2)$

4: estimate of mb from maximum intensity (I_o in Modified Mercalli scale) assuming shallow depth of 2 km:
$m_b = 1.21 + 0.45 * Io$

5: magnitude estimated from other information such as number of recording stations (mainly events before 1985) or record duration in the seismogram (for events after 1985).

-1: no magnitude estimate.

Obs.: Magnitude types 0, 1 and 2 are the most reliable (uncertainty about ± 0.3), and types 4 and 5 (before 1985) are the least reliable and can be in error by more than one magnitude unit.

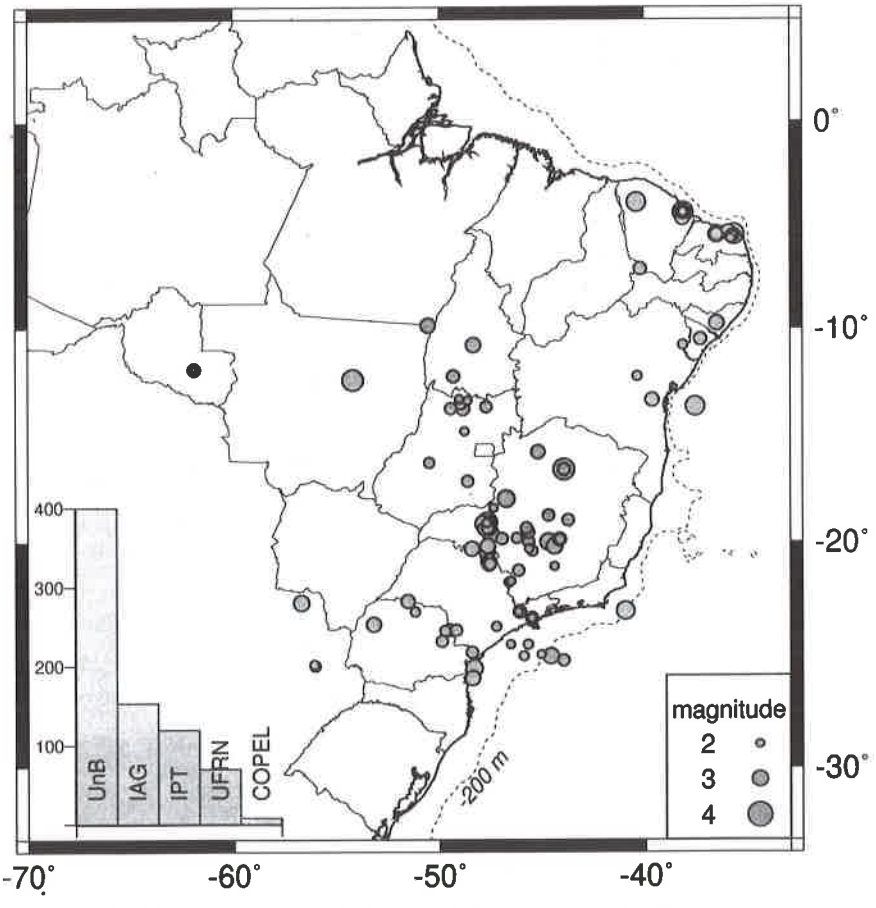
MAIN ABREVIATIONS IN THE COMMENTS:

GS	United States Geological Survey
IAG	Inst. Astrônomico e Geofísico, Univ. de São Paulo.
IPT	Instituto de Pesquisas Tecnológicas, Div. de Geologia, São Paulo.
UFRN	Seismology group at Univ. Fed. do Riogrande do Norte, Natal
UnB	Univ. de Brasília, Observátorio Sismológico
I.E.I.	Inferred epicentral intensity

ADDITIONAL REFERENCES:

Assumpção, M., 1983. A regional magnitude scale for Brazil. Bull. Seism. .Am.,73, 237-246

Berrocal, J., M. Assumpção, R Antezana, C. M. Dias Neto, R. Ortega, H. França & J. Veloso, 1984. Sismicidade do Brasil. Instituto Astronômico e Geofísico, Universidade de São Paulo, Brazil, 320pp.



EPICENTROS DE 1994 E 1995 (magnitudes > 2).

Figura 1 - O histograma mostra as leituras utilizadas conforme a fonte.

***Figure 1** - The inset in the left corner shows the frequency according to the data source.*