

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
841	89- 8-15	19:32:13.06	8:30.26	84:39.67	32.03	3.0	10	115.7	287	.23	2.5	1.2
842	89- 8-16	16:53:42.27	10: 3.57	84: 8.89	84.74	2.8	20	5.2	168	.20	1.2	1.2
843	89- 8-16	21:48:37.18	8:46.60	82:53.54	43.13	2.4	7	19.8	161	.22	1.5	.9
844	89- 8-17	3:22:37.29	10:31.24	85:45.60	43.00	3.0	8	46.2	265	.11	2.4	.5
845	89- 8-17	5:21:19.80	8:41.71	83:38.70	1.74	2.2	16	24.8	162	.41	1.8	3.8
846	89- 8-17	5:33:59.95	9:10.52	83:51.51	20.52	2.2	17	39.3	129	.33	.9	1.4
847	89- 8-17	8:35:24.83	10:48.47	85:48.45	.22	2.9	9	77.2	317	.11	4.0	5.9
848	89- 8-17	16: 7:27.29	8:30.18	82:55.24	12.06	2.6	6	17.8	227	.04	1.4	3.3
849	89- 8-18	3:18:53.22	9:30.85	84:52.92	33.02	2.5	7	32.0	244	.15	1.3	2.6
850	89- 8-18	3:56:54.72	8:17.30	82:54.07	4.93	2.3	5	25.5	300	.02	2.9	2.1
851	89- 8-18	9:57:58.85	10:23.57	85:23.12	51.81	2.5	8	31.1	248	.17	2.2	1.4
852	89- 8-18	13: 9:44.30	8:30.40	83: 5.75	7.40	2.3	6	7.6	170	.17	9.5	9.8
853	89- 8-19	0:18:55.66	8:37.80	82:59.01	39.59	3.0	16	22.9	166	.26	1.2	.7
854	89- 8-19	3:23:28.86	9:22.93	84:21.14	23.48	2.2	14	24.3	186	.30	1.3	2.3
855	89- 8-19	8: 7:53.94	9:51.92	84:55.58	20.66	2.6	17	26.6	107	.26	.8	1.0
856	89- 8-19	21:40:16.73	9:22.90	84:16.30	32.72	2.2	8	15.5	292	.14	1.3	1.4
857	89- 8-20	2:45:59.80	8:40.75	82:47.47	18.94	2.2	6	24.4	222	.32	1.8	4.5
858	89- 8-20	8:55:52.74	10:22.52	84:48.18	63.85	2.6	12	18.9	223	.22	1.2	1.3
859	89- 8-20	9:11:26.43	9:42.19	84:49.02	11.27	2.2	8	31.4	172	.20	.9	8.6
860	89- 8-21	12:35:48.49	9:26.72	84: 8.11	43.13	2.5	16	4.7	109	.19	1.1	.6
861	89- 8-21	21: 2: 6.45	9:35.46	83:34.85	8.06	2.1	11	20.6	169	.42	1.6	4.4
862	89- 8-22	17:49:15.25	10: 9.48	84:10.48	99.32	3.0	19	8.6	185	.24	1.5	1.5
863	89- 8-23	1:16:13.63	9:27.47	84:13.44	41.13	2.5	19	11.7	165	.32	1.4	.8
864	89- 8-23	3:29:29.73	10:28.26	85:17.18	62.65	2.5	10	37.0	133	.17	1.2	2.4
865	89- 8-24	12:21:21.95	8:55.07	82:57.70	39.82	2.7	9	22.4	141	.30	1.4	1.1
866	89- 8-25	16:19:53.50	9: 2.94	84:11.92	14.60	2.5	11	40.0	172	.32	1.3	5.4
867	89- 8-26	19:22:46.42	8:32.58	83: 5.55	20.03	2.2	8	11.3	160	.33	2.1	2.9
868	89- 8-29	15:36:33.66	9:30.59	84:52.28	30.32	2.7	23	33.2	204	.17	.6	.6
869	89- 8-30	2:24:18.35	9:44.21	84: 1.43	16.67	2.9	25	18.7	95	.30	.6	1.1
870	89- 8-30	9:50:15.39	9:44.40	84: 1.62	11.25	2.5	23	18.5	95	.31	.6	1.8
871	89- 8-31	0:24:22.43	9:32.21	84:50.64	18.08	2.5	8	33.8	214	.13	1.3	2.9
872	89- 8-31	2:39:20.76	9:33.09	84:14.00	24.03	2.2	8	51.2	191	.09	.8	6.7
873	89- 9- 1	8:53:17.84	9:59.75	83:55.26	5.19	2.2	6	4.0	220	.28	1.2	1.3
874	89- 9- 1	11:42:18.20	9:58.22	83:58.89	4.43	2.1	6	8.9	159	.22	.9	4.2
875	89- 9- 1	17:23:53.44	9:51.36	83:20.24	39.29	2.9	13	57.7	223	.50	3.7	1.7
876	89- 9- 1	20:43:13.45	9:28.44	82:39.37	33.68	2.8	7	65.2	257	.40	4.7	6.3
877	89- 9- 2	9:29:30.17	9:52.27	84: 2.53	75.75	2.8	16	9.3	80	.24	1.4	1.4
878	89- 9- 2	11:52: 6.66	9:35.43	84:52.94	20.96	2.9	19	27.1	193	.29	1.2	1.9
879	89- 9- 2	18:48: 6.44	9:37.34	84: 8.85	18.73	2.2	15	24.5	99	.30	.7	1.6
880	89- 9- 2	21:21:19.37	8:59.51	84: 6.03	37.25	2.8	15	40.0	166	.24	1.4	1.2
881	89- 9- 2	22:27:52.66	9:26.56	83:45.77	24.28	2.3	6	12.5	206	.27	7.6	1.6
882	89- 9- 3	1:44:47.74	9:32.00	83:37.08	7.97	2.7	20	16.4	158	.27	.8	.7
883	89- 9- 3	7:28:59.73	9:38.12	84:48.50	18.14	2.9	21	33.2	173	.27	.8	1.2
884	89- 9- 3	11:57:50.86	9:33.32	83:37.08	4.79	2.3	14	16.2	181	.27	1.4	1.3
885	89- 9- 4	8:45:23.16	9:24.86	83:45.60	30.64	2.8	20	15.7	140	.22	.9	.7
886	89- 9- 6	12:30:40.51	9:34.36	84: 5.76	30.29	2.3	9	19.2	119	.30	1.2	3.1
887	89- 9- 8	21:58:12.12	10:18.77	85: 4.24	55.04	2.6	12	13.2	132	.29	1.3	2.5
888	89- 9- 9	11: 1:31.99	9:30.59	84: 1.76	64.04	2.6	10	16.4	101	.32	2.5	2.8
889	89- 9- 9	13:13: 9.09	9:48.94	85:20.79	28.18	2.6	9	29.6	216	.24	1.6	3.9
890	89- 9- 9	15:29:39.58	9:29.31	83:43.91	11.37	2.4	10	8.3	162	.19	.8	1.1
891	89- 9-11	3:12: .73	9:54.38	84: 8.73	77.06	2.7	7	13.4	245	.11	3.1	1.4
892	89- 9-11	4:15:25.77	8:33.48	83:13.49	17.94	2.5	6	21.1	206	.10	2.0	1.8
893	89- 9-11	7:36:56.91	9:32.18	83:36.30	17.79	2.8	15	17.7	171	.29	1.4	1.0
894	89- 9-11	18:16:23.24	10:20.06	85:20.41	35.85	2.8	10	29.6	126	.13	.8	1.0
895	89- 9-13	0:22:21.19	8:14.57	82:55.81	25.06	2.9	9	27.1	283	.39	3.5	2.4
896	89- 9-14	11:12:37.95	9:11.50	83:53.35	28.92	3.0	10	35.6	208	.31	1.7	1.4
897	89- 9-14	12:13:50.32	9:45.14	85: .41	25.69	2.5	7	12.0	164	.23	1.3	2.4
898	89- 9-14	12:44: 5.38	8: 7.18	83:18.05	19.19	2.5	6	44.0	325	.21	2.1	1.8
899	89- 9-15	6:56:16.11	9:36.01	84:47.68	25.71	2.5	7	35.7	197	.16	1.3	3.5
900	89- 9-15	9: 4:40.08	8:57.26	83:59.54	12.31	2.7	10	52.2	238	.28	2.0	3.5

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901	89- 9-16	2:28:41.72	10:17.40	85: 3.52	66.50	2.6	8	11.6	264	.23	2.1	1.4
902	89- 9-16	9:31:57.02	9:25.56	83:29.85	17.69	2.7	13	32.7	171	.30	2.5	1.2
903	89- 9-16	10:44:53.43	10:24.79	84:28.45	10.53	2.5	7	49.2	241	.30	1.9	24.9
904	89- 9-21	4: 0:24.09	9: 5.56	82:48.70	18.21	2.3	5	22.6	228	.14	9.1	9.9
905	89- 9-21	8:16:58.96	8:11.89	83:18.98	41.09	2.9	4	93.2	304	.01	6.4	9.0
906	89- 9-21	17:39: 6.10	9:30.34	84:48.06	18.86	2.8	9	39.7	197	.24	1.2	1.9
907	89- 9-21	18:27:40.43	9: 3.06	83:15.38	35.95	2.6	6	4.7	151	.22	6.3	2.3
908	89- 9-22	7:44: 6.92	9:40.74	84:11.16	24.41	2.5	11	39.0	146	.27	1.4	1.9
909	89- 9-22	9:48:42.20	9:35.90	83:39.41	16.53	2.5	7	12.9	174	.12	9.7	7.7
910	89- 9-22	20:11:43.11	9:25.32	84:52.78	9.90	2.3	8	39.5	236	.20	2.1	16.6
911	89- 9-24	15:20:26.83	10:24.08	85:33.60	35.20	2.7	7	26.6	208	.13	1.6	1.7
912	89- 9-24	19:10: .56	9:30.73	84:51.28	16.83	2.7	10	34.5	221	.21	1.0	1.5
913	89- 9-25	16:34:36.62	9:14.00	83:13.81	41.53	2.7	6	23.1	183	.31	5.7	5.2
914	89- 9-25	18:50:37.48	9: 9.00	82:57.42	22.47	2.4	5	35.6	205	.22	6.6	16.4
915	89- 9-26	6:44:11.90	9:32.28	83:37.92	10.20	2.8	8	14.8	208	.08	2.3	1.2
916	89- 9-26	6:58:13.68	9:36.77	83:36.88	19.85	2.6	6	17.7	241	.07	3.2	4.2
917	89- 9-26	14:13:25.77	9:36.42	83:51.25	33.87	2.6	7	11.2	205	.11	3.1	.5
918	89- 9-28	0:17: 5.52	9:49.27	83:56.66	64.48	2.9	12	35.5	168	.20	1.9	1.3
919	89- 9-28	11: 4:43.47	9:20.11	82:53.15	23.41	2.6	6	50.7	239	.16	2.9	15.3
920	89- 9-29	5:36: 7.09	9:28.06	84:18.19	28.38	2.4	10	20.1	177	.12	.7	1.7
921	89- 9-29	8:37:56.72	8:25.59	82:52.48	9.46	2.9	10	21.6	263	.10	.9	1.5
922	89- 9-29	13:12:36.78	8:39.69	83: 3.62	30.31	2.5	6	24.3	140	.15	1.6	3.3
923	89- 9-29	21: 0:30.27	9:21.38	83:56.58	48.50	2.8	11	21.4	174	.34	1.7	1.4
924	89- 9-30	5:48:35.98	9:51.89	85:40.71	23.71	2.6	6	36.0	271	.12	1.9	2.5
925	89- 9-30	5:49:31.61	9:53.01	85:40.05	17.87	2.3	7	33.7	269	.24	2.9	1.6
926	89- 9-30	6:49:52.23	8:58.91	83:19.64	53.95	2.9	11	7.0	144	.28	1.7	1.5
927	89- 9-30	9:47:10.87	9:40.81	84:52.56	17.78	2.8	13	25.1	166	.22	.8	1.6
928	89-10- 1	0:51:40.37	8:47.23	83:30.81	29.55	2.3	11	36.6	131	.22	.8	1.5
929	89-10- 1	2: 5:25.52	9:40.44	84:52.26	19.96	2.7	12	25.6	167	.28	1.3	1.4
930	89-10- 1	7:16:56.54	10:21.73	85: 6.68	72.06	2.8	6	19.1	150	.21	3.6	2.4
931	89-10- 1	7:20:15.37	8:46.92	83:30.43	28.12	2.8	15	36.6	132	.23	.7	1.7
932	89-10- 1	13: 5:16.15	8:44.58	83:31.70	30.07	2.5	8	41.5	213	.21	1.8	1.4
933	89-10- 1	21:28:22.68	9:34.31	83:34.99	.93	2.3	9	20.1	178	.20	1.2	1.6
934	89-10- 2	1: 2:52.31	8:44.49	83:30.74	39.56	2.5	10	39.4	142	.16	.7	.9
935	89-10- 2	2:13:51.25	10:20.36	83: 3.17	33.51	2.9	10	117.0	259	.23	2.3	1.3
936	89-10- 2	2:58:18.28	8: 9.75	82:46.86	30.32	2.7	7	44.7	314	.16	2.6	1.2
937	89-10- 2	9:36:19.84	8:12.54	82:50.86	23.87	2.9	8	35.9	310	.18	2.7	1.0
938	89-10- 3	2:38:13.35	8:53.70	84: 5.26	16.52	2.9	15	31.3	179	.27	1.2	1.5
939	89-10- 3	6:18:26.04	10: 8.39	85:24.38	35.67	2.4	9	15.6	135	.19	1.1	1.2
940	89-10- 3	11:33:12.32	9:32.90	83:39.94	7.76	2.3	14	11.0	169	.23	1.0	.6
941	89-10- 3	11:36: 4.12	9:32.75	83:36.05	6.67	2.4	14	18.1	174	.22	1.1	.7
942	89-10- 3	17:30:20.37	9:49.56	84: 1.02	78.67	2.6	7	24.6	163	.18	2.5	1.5
943	89-10- 3	19:37:36.95	9:10.36	84: 5.89	26.23	2.2	6	25.9	199	.23	2.1	3.7
944	89-10- 4	6:34:46.56	9: 2.32	84: 6.05	26.51	2.4	8	40.7	212	.37	2.6	4.3
945	89-10- 4	6:35:26.72	10:30.22	85:35.26	52.14	2.6	8	38.3	222	.29	1.7	2.6
946	89-10- 4	6:45:21.67	9:36.15	84:48.68	21.03	2.4	9	33.9	183	.18	2.3	3.1
947	89-10- 4	9:42:41.44	9: 8.97	84:48.51	37.52	2.8	6	69.3	264	.13	2.2	1.1
948	89-10- 4	17:46:52.25	9:54.44	84:28.71	58.33	2.8	9	67.2	161	.21	1.4	3.2
949	89-10- 4	20:55:33.47	8:17.91	82:49.43	31.12	2.9	8	31.6	295	.35	2.8	1.3
950	89-10- 5	7:41:44.86	9: 5.75	83:47.90	27.39	2.8	10	51.2	164	.26	1.4	5.7
951	89-10- 5	16:28:40.43	9:33.08	84:50.01	29.69	2.3	8	34.0	198	.12	1.2	2.7
952	89-10- 6	4:23:14.77	9:35.28	83:35.12	7.84	2.6	11	20.1	180	.28	1.3	2.8
953	89-10- 6	11:51:34.01	9:38.07	84: 2.30	73.92	2.6	8	27.7	159	.35	2.9	3.9
954	89-10- 6	22:35:18.64	9:26.62	84:32.97	33.42	3.0	17	46.0	189	.25	1.0	.9
955	89-10- 6	23: 3:34.10	9:29.88	84:32.86	13.52	2.5	12	46.8	188	.28	1.4	3.4
956	89-10- 7	1:45:11.04	10:32.12	85:51.45	35.42	2.7	6	53.6	281	.09	1.3	2.7
957	89-10- 7	8:40: 3.95	9:44.61	83:58.48	13.92	2.4	12	31.1	151	.16	.7	1.3
958	89-10- 8	3:33:54.75	9:19.53	84:49.70	19.34	2.7	9	51.5	242	.27	2.2	2.3
959	89-10- 8	9:32:30.65	9:37.86	85:11.09	18.74	2.5	7	11.9	279	.18	1.4	1.2
960	89-10- 9	19:30:10.48	9:22.05	83:58.07	46.76	2.5	9	18.5	167	.17	1.0	1.1

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961	89-10-10	14:25:45.94	9:50.40	85:21.33	19.90	2.5	7	31.6	211	.24	1.5	2.5
962	89-10-10	21:40:28.31	8:37.08	83:11.74	37.23	2.5	6	23.7	203	.25	1.5	2.9
963	89-10-11	6:56:39.23	8:23.11	82:53.88	30.22	2.8	8	20.1	274	.21	1.9	.7
964	89-10-12	4:39:31.61	9:31.86	84: .60	50.41	2.9	12	19.6	116	.23	1.4	1.0
965	89-10-12	8:57: 2.57	8:46.62	83: 5.11	47.61	3.0	11	37.0	125	.36	1.6	2.7
966	89-10-13	20:51:20.75	9:10.09	83:54.19	28.69	2.7	12	36.3	214	.26	1.1	1.2
967	89-10-14	15:48:11.76	10:21.91	83:19.94	24.74	2.6	8	75.9	300	.19	1.5	2.3
968	89-10-15	16:15:46.98	10:11.21	84:10.49	43.68	2.7	9	83.3	229	.24	2.6	23.9
969	89-10-16	4:15:48.02	8:42.27	82:37.00	31.63	2.5	7	26.5	276	.07	1.5	.7
970	89-10-16	5:44: 9.03	10: .11	85:36.99	21.11	2.3	7	19.4	256	.15	1.3	1.4
971	89-10-16	13: 0:18.61	9:39.58	85: 7.21	15.90	2.4	8	5.0	227	.23	1.7	.9
972	89-10-16	19: 5:47.02	9:39.22	84:29.22	21.95	2.8	9	47.9	279	.12	1.8	1.5
973	89-10-18	11:55:30.59	8:23.50	82:54.63	26.99	2.6	7	18.6	273	.05	1.6	1.0
974	89-10-20	16:10:11.26	9:36.38	84:53.15	20.73	2.5	14	26.1	189	.17	.8	.8
975	89-10-20	16:19:26.75	8:58.07	84:46.76	37.07	2.8	14	86.0	250	.20	2.0	1.1
976	89-10-20	17: 3: 7.18	9:20.67	83:50.40	46.68	2.3	9	24.8	163	.15	1.2	1.6
977	89-10-21	9:25:26.58	10:31.15	85:56.96	33.83	2.8	9	59.2	290	.10	2.1	1.0
978	89-10-21	12:46:30.07	10: 5.45	84: 5.41	12.85	2.2	9	8.0	223	.14	2.8	1.0
979	89-10-21	18:28: 3.64	10: 6.62	84: 5.47	8.55	2.5	14	10.1	203	.15	1.0	2.0
980	89-10-22	11: 5:30.72	9:44.76	83:53.65	17.69	2.1	9	17.9	170	.21	1.6	3.5
981	89-10-22	11:32:11.91	9:19.10	84: 2.04	25.12	2.0	10	14.4	201	.10	.7	1.3
982	89-10-22	13:17:25.45	9:56.73	84:24.79	54.42	2.7	14	20.6	135	.26	1.3	2.4
983	89-10-22	18:27:30.80	8:56.71	84: .86	18.86	2.8	15	52.5	208	.30	1.2	1.2
984	89-10-24	8:53:38.17	8:58.11	84:44.77	.22	2.9	16	83.0	220	.30	1.7	4.3
985	89-10-24	9:32: 7.40	9:48.51	84: 3.27	66.23	2.8	18	13.9	78	.20	1.4	1.0
986	89-10-24	20:56:56.76	9:27.65	84:39.62	30.96	2.5	8	55.5	203	.17	1.4	4.6
987	89-10-25	8:13:14.46	9:39.21	84: 5.00	48.22	2.7	13	28.4	82	.17	.9	1.1
988	89-10-25	20:26:55.57	10: 9.41	84:13.36	85.00	2.9	11	41.3	199	.17	1.9	1.6
989	89-10-26	2: 3:51.64	9:36.09	83:33.26	14.78	2.7	13	23.7	183	.29	1.6	2.1
990	89-10-26	2:54:42.13	9:35.17	83:35.49	5.83	2.3	11	19.5	179	.30	1.2	1.0
991	89-10-26	15: 2:39.04	9:41.47	84:32.78	19.26	2.9	21	33.5	147	.15	.5	.7
992	89-10-27	6:16:24.08	9:27.04	84:21.55	38.67	2.4	11	25.5	178	.27	1.4	1.0
993	89-10-27	16:24:33.73	9:27.57	83:33.32	36.27	2.5	10	25.5	167	.10	1.5	.7
994	89-10-27	19:51:57.46	9:23.23	83:24.79	20.27	2.7	10	43.0	199	.23	1.7	1.2
995	89-10-27	19:53: 9.92	9:10.04	83:29.73	29.46	2.5	7	26.3	179	.09	1.4	1.0
996	89-10-28	6:52: 6.34	8:52.34	83:56.49	29.63	2.8	14	62.7	225	.25	1.5	5.0
997	89-10-28	8:47:53.24	9:12.96	83:50.77	41.00	3.0	18	37.7	157	.19	1.2	.5
998	89-10-29	2:15:41.31	9:34.17	83:37.27	7.04	2.2	7	15.9	173	.10	1.3	.9
999	89-10-29	9:52:41.66	9:42.87	83:56.19	5.40	2.5	16	20.1	132	.33	1.0	1.2
1000	89-10-29	10:42:26.21	9:18.00	83:44.46	28.75	2.8	16	28.5	165	.42	1.7	1.1
1001	89-10-29	12: 8:27.71	9:43.05	83:56.73	5.15	2.4	11	19.6	129	.26	1.6	1.8
1002	89-10-30	19:56:40.51	10: 2.63	84:30.92	75.16	2.6	20	10.9	110	.27	1.4	2.1
1003	89-10-31	0:30:33.66	10:13.97	85: 3.31	53.52	2.6	10	12.9	89	.23	1.2	2.7
1004	89-10-31	5:43:25.71	8:23.70	82:51.50	6.34	2.6	11	24.0	273	.13	1.8	.8
1005	89-10-31	10:10:57.07	9:33.02	83:33.73	7.72	2.4	14	22.4	177	.31	1.5	3.4
1006	89-10-31	10:13:15.24	9:33.72	83:33.71	5.43	2.3	13	22.4	179	.33	1.4	1.2
1007	89-10-31	19:50:29.11	9: 2.90	83:22.81	49.62	2.7	10	9.4	143	.34	3.1	1.9
1008	89-11- 2	5:29:54.23	8:33.36	82:42.84	9.51	2.5	5	38.2	260	.11	2.4	13.0
1009	89-11- 2	22:52:23.14	9:46.67	83:50.96	27.62	2.4	6	17.7	186	.19	8.4	2.1
1010	89-11- 2	23: 8:14.92	9:19.35	82:45.38	27.92	2.6	5	47.4	243	.13	3.3	2.3
1011	89-11- 3	2:30: 1.26	8:33.69	82:53.45	40.69	2.5	6	23.7	216	.12	1.1	1.6
1012	89-11- 3	3: 0: 1.22	8:33.83	82:54.51	42.82	2.3	4	22.3	211	.01	1.1	3.8
1013	89-11- 3	5:27:33.79	8:34.32	82:53.23	57.29	2.5	6	24.7	214	.16	1.6	2.2
1014	89-11- 3	13:48:57.87	9:42.41	83:29.71	19.70	2.5	9	34.2	194	.13	1.5	2.5
1015	89-11- 3	15:17:20.05	8:55.14	82:50.98	38.58	2.6	6	10.2	181	.11	7.2	1.6
1016	89-11- 3	17:52:29.87	9:33.04	83:32.40	11.78	2.3	12	24.7	312	.18	1.8	2.0
1017	89-11- 3	18:42: 6.68	10: 3.65	83:56.66	14.99	2.2	10	11.4	249	.23	2.0	1.6
1018	89-11- 3	19:35:57.35	9:37.59	83:36.50	.02	2.2	13	19.0	285	.28	1.9	1.3
1019	89-11- 4	10:21:10.05	9:38.86	84:53.48	18.46	2.5	11	24.0	222	.13	1.1	.7
1020	89-11- 4	12:42:41.96	9:31.22	84:51.73	31.07	2.9	18	33.3	209	.23	1.0	.8

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
1021	89-11- 4	18:36:57.73	9:36.54	84:52.41	19.67	2.8	17	27.2	188	.26	1.0	1.2
1022	89-11- 5	6:28:57.41	9:46.61	84:32.82	41.76	2.8	17	24.1	143	.22	1.2	.6
1023	89-11- 5	8:42:49.21	9: 7.45	83:57.50	22.58	2.9	6	52.4	254	.08	3.2	10.9
1024	89-11- 5	8:56:53.68	9: 9.60	84:25.60	21.26	2.5	7	84.8	253	.09	2.2	14.6
1025	89-11- 5	10: 7: 6.89	9:34.11	83:40.90	7.29	2.3	6	9.4	288	.06	3.1	1.6
1026	89-11- 6	11:17:18.52	8:38.19	82:46.41	25.15	3.0	8	28.9	234	.21	2.9	1.0
1027	89-11- 6	19:59:38.10	8:16.20	83:21.26	36.22	2.9	10	36.7	285	.12	1.5	1.3
1028	89-11- 7	4:30:31.52	9:35.42	83:35.31	9.60	2.2	12	19.9	190	.29	1.2	3.5
1029	89-11- 7	8:54:30.44	10: 2.02	84: 9.45	6.69	2.1	12	4.6	136	.30	1.7	.6
1030	89-11- 8	4: 4:39.27	8:25.84	83: 6.45	17.47	2.8	9	4.3	258	.34	2.2	1.4
1031	89-11- 8	6:56: 1.83	8:30.50	83:12.06	26.90	2.8	9	16.0	214	.27	1.3	1.8
1032	89-11- 8	12:29:24.85	9:46.30	84:20.61	53.30	2.8	18	36.7	115	.23	.8	2.0
1033	89-11- 8	15:23:25.11	9:33.77	83:36.93	8.39	2.1	11	16.5	162	.21	1.1	21.0
1034	89-11- 8	18:51: 8.29	9:18.62	84: 8.43	24.48	3.0	24	10.4	164	.26	.8	1.2
1035	89-11- 9	11:29: 2.74	9:21.67	84:11.05	25.34	2.3	11	7.3	264	.11	1.4	.9
1036	89-11- 9	16:12:39.41	9:45.74	84:54.99	11.65	2.3	6	21.6	198	.23	1.4	8.7
1037	89-11-10	5:22:12.37	8:35.76	83:13.83	26.55	3.0	8	24.4	198	.31	1.6	2.2
1038	89-11-11	8:36:20.34	8:16.15	83:36.47	37.74	2.9	10	62.2	265	.24	2.6	1.3
1039	89-11-11	12:15:31.84	8:42.54	83:19.97	43.87	2.9	10	36.7	177	.38	2.0	2.8
1040	89-11-11	20: 8:56.69	9:46.27	84:35.24	47.75	2.5	8	24.1	134	.22	1.2	2.1
1041	89-11-11	21:45:15.48	9:35.02	83:50.52	21.60	2.6	15	8.9	118	.15	.6	1.0
1042	89-11-12	1:58:58.29	9:53.84	84: 3.11	69.49	2.9	15	10.0	90	.27	1.6	1.0
1043	89-11-12	12:14:24.75	9:33.84	83:50.18	21.26	2.7	11	7.8	166	.30	2.3	1.3
1044	89-11-12	16:59:57.97	9:30.23	84:50.29	19.99	2.8	11	36.5	221	.18	.9	1.4
1045	89-11-13	5:26:28.38	8:53.52	83:51.65	32.53	2.6	10	64.1	252	.29	2.3	1.9
1046	89-11-13	6:59:13.58	10:12.13	84:10.13	85.36	2.7	10	20.6	229	.25	2.9	2.4
1047	89-11-14	4: 5:52.32	9:19.25	84: .01	50.94	2.5	7	36.6	307	.16	7.4	6.4
1048	89-11-14	10:23:33.88	8:56.15	84: 9.77	14.41	2.8	7	81.5	279	.20	2.3	3.9
1049	89-11-14	19:29: 4.56	9:23.79	84:40.13	26.72	2.8	10	58.5	217	.25	1.5	5.4
1050	89-11-14	21:20:30.92	9:30.82	83:44.77	19.72	2.2	7	5.1	272	.35	2.4	1.7
1051	89-11-15	1:44:23.12	9:22.09	84:41.05	35.86	2.7	8	59.0	223	.15	1.3	3.1
1052	89-11-15	2:27:19.85	9:34.17	83:36.33	6.17	2.1	10	17.6	288	.24	1.4	.8
1053	89-11-16	8: 4:36.82	9:38.40	83:55.21	37.55	2.4	13	19.4	164	.28	2.5	1.3
1054	89-11-16	10:29:19.24	9:36.32	83:32.49	.03	2.5	18	25.2	175	.27	1.1	1.7
1055	89-11-17	7:48:26.06	8:25.33	82:49.13	16.95	3.0	14	27.8	268	.19	1.5	.8
1056	89-11-17	19: 2:43.62	9:35.87	83:37.44	8.47	2.0	6	16.2	290	.12	1.9	15.5
1057	89-11-18	5:26:25.67	9:36.77	84:18.27	36.10	2.4	12	30.0	136	.31	1.1	3.9
1058	89-11-19	4:44: 1.21	10: 2.27	84:10.14	10.46	2.6	19	6.0	134	.22	.6	1.5
1059	89-11-19	5:56:18.96	8:27.49	82:59.00	43.58	2.5	5	9.8	235	.30	4.3	3.6
1060	89-11-19	8:46:12.65	9:57.73	85:20.49	20.05	2.3	7	31.6	177	.28	1.3	2.2
1061	89-11-19	16:19:33.67	9:40.73	84:12.24	13.52	2.3	16	31.6	107	.30	.7	3.9
1062	89-11-20	8:37:57.86	10: 3.09	84: 9.69	7.86	2.4	13	5.8	141	.25	1.0	.4
1063	89-11-20	15: 0:35.08	10:23.47	85:43.19	24.88	2.7	10	31.7	257	.35	3.0	2.0
1064	89-11-20	16:22:43.20	9:14.17	83:52.64	21.17	2.3	15	33.6	170	.22	1.0	2.8
1065	89-11-21	17:14:12.42	10: 2.54	84: 9.70	7.23	2.2	14	5.3	202	.31	1.5	.6
1066	89-11-21	17:15:34.15	10: 3.35	84: 8.14	9.88	2.3	14	4.2	208	.20	1.1	.7
1067	89-11-22	1:10: 1.89	10: 2.59	84:10.54	.15	2.0	9	2.2	148	.29	1.1	14.5
1068	89-11-22	18:38:34.52	9:31.90	83:36.77	7.41	2.3	10	17.0	288	.17	1.2	.5
1069	89-11-23	12: 1: 5.48	10:39.09	85:49.34	39.40	3.0	9	50.9	281	.26	1.9	.9
1070	89-11-24	7:17:20.30	9:43.65	83:58.06	16.97	2.3	12	18.5	115	.24	.7	2.1
1071	89-11-24	12:43:29.60	9:50.41	85:20.32	15.18	2.5	6	30.1	208	.11	1.1	4.0
1072	89-11-25	1:42:46.20	9:32.23	84:52.60	27.84	2.6	13	30.9	207	.16	1.0	2.5
1073	89-11-25	3:29:37.40	8:52.99	83: 5.17	58.91	2.8	8	28.7	210	.17	2.6	1.6
1074	89-11-25	5:49:17.73	9:41.36	84:42.01	29.40	2.5	12	35.0	155	.19	.8	2.3
1075	89-11-25	10:33: 7.21	9:19.27	83:47.54	29.38	2.5	15	26.1	164	.33	1.2	2.1
1076	89-11-25	13:26:47.25	9:17.00	83:43.16	36.73	2.5	11	30.6	167	.31	2.1	1.4
1077	89-11-25	15:59:36.79	9:52.24	84:58.08	19.30	2.5	9	24.0	100	.21	.7	1.6
1078	89-11-25	19:42:58.35	9:17.12	83:47.76	30.80	2.8	19	30.2	172	.29	1.1	.9
1079	89-11-25	8:50:13.52	8:59.16	82:58.41	20.90	2.8	14	25.6	155	.26	2.8	3.3
1080	89-11-26	0:37:59.81	9:21.91	84:32.93	40.88	2.7	17	45.9	218	.19	1.3	.6

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
1081	89-11-26	0:38:44.26	9:17.52	84:35.17	47.16	2.9	14	51.3	233	.33	1.9	3.7
1082	89-11-26	1:10:18.70	9:23.91	84:33.29	9.60	2.5	17	46.4	211	.30	1.3	21.8
1083	89-11-26	2: 2:48.15	8:59.61	82:59.74	23.96	2.6	15	28.1	154	.37	1.4	2.9
1084	89-11-26	14: 3:20.13	9:31.08	83:43.32	19.79	2.9	20	6.3	143	.28	1.2	.8
1085	89-11-26	14:19: 2.14	9:38.50	84:53.56	29.18	2.3	7	24.0	224	.31	2.4	3.1
1086	89-11-26	14:19:42.50	9:42.04	84:52.65	21.58	2.6	16	24.7	159	.26	.9	3.1
1087	89-11-26	17:46:29.74	9:35.72	83:36.25	4.01	2.5	15	18.3	167	.25	.9	1.1
1088	89-11-27	0:30: 8.18	9:35.39	83:36.27	5.79	2.3	14	18.1	166	.25	1.3	1.4
1089	89-11-27	5:46:38.43	9:17.06	83:47.66	49.85	2.8	17	30.3	151	.23	1.2	1.5
1090	89-11-27	7:20:58.06	9:55.98	84:23.53	50.93	2.7	14	23.2	131	.32	2.3	1.5
1091	89-11-27	8:28:53.32	9:38.69	84:52.68	7.28	2.9	20	25.5	176	.20	.7	1.7
1092	89-11-27	9:26:25.33	9:38.18	84:53.53	12.88	2.3	9	24.3	181	.17	.9	4.7
1093	89-11-27	10:58:34.92	9:35.06	84:57.63	31.80	2.5	9	20.4	219	.24	2.0	2.4
1094	89-11-28	6:38:51.29	9:34.43	83:37.79	6.62	2.2	11	15.1	161	.19	1.0	.8
1095	89-11-28	20:48:30.98	9:34.71	83:40.13	7.39	2.3	10	10.9	280	.24	1.5	.9
1096	89-11-30	22:37: 7.50	8:38.37	83:44.07	21.70	2.7	9	65.4	244	.15	1.1	15.5
1097	89-12- 1	1:51: 6.45	8:36.12	83: 2.00	43.07	2.7	7	18.1	152	.33	2.0	1.4
1098	89-12- 1	5:18:27.16	10:30.78	85: 7.77	16.50	2.3	5	31.4	176	.05	1.0	4.1
1099	89-12- 1	11:22:47.75	10:27.25	84:52.60	22.08	2.9	14	60.3	171	.27	1.1	18.6
1100	89-12- 1	11:43:38.85	9:37.75	84:54.49	19.83	2.2	6	22.9	251	.09	2.1	1.0
1101	89-12- 1	12:28:58.21	10:12.17	85:10.07	44.54	2.4	8	25.5	163	.14	1.4	2.2
1102	89-12- 1	18:26: 4.99	10:12.35	85:10.30	6.83	2.1	10	25.8	92	.12	.5	2.3
1103	89-12- 2	3:50:22.69	9:38.25	84:46.91	17.84	2.3	20	36.0	172	.26	.9	1.2
1104	89-12- 2	4:52: 7.92	8:59.10	83:57.68	10.55	2.4	12	50.2	245	.23	2.0	17.7
1105	89-12- 2	6:33:53.24	9:37.56	83:35.18	2.04	2.5	16	21.2	172	.32	1.8	2.0
1106	89-12- 2	8:21:25.02	9:35.86	83:41.86	11.02	2.0	9	8.9	265	.21	2.7	1.7
1107	89-12- 2	13:43: 7.57	9:30.34	84: 3.69	29.24	2.1	10	13.8	140	.14	.9	2.3
1108	89-12- 3	1:14:33.30	9:35.02	83:40.55	11.23	2.3	8	10.4	156	.04	2.6	3.6
1109	89-12- 3	7: 6:16.97	9:32.79	83:39.35	4.81	2.3	10	12.1	155	.12	1.2	1.0
1110	89-12- 3	10:56:58.67	9:44.63	84:51.96	44.20	2.6	10	26.5	161	.27	4.4	4.0
1111	89-12- 3	16:42: 4.02	9:37.17	84:45.43	20.52	2.8	19	39.0	175	.25	.9	1.2
1112	89-12- 3	17:10:47.30	9:28.02	84: 6.65	44.67	2.2	8	7.5	180	.13	1.3	1.8
1113	89-12- 3	17:11:40.45	9:28.74	84: 6.14	46.87	2.3	8	9.1	176	.27	1.9	2.6
1114	89-12- 3	17:15:29.88	9:31.05	84:11.32	41.97	2.4	13	14.2	162	.24	1.1	.9
1115	89-12- 3	17:19:54.37	9:27.86	84: 6.45	43.22	2.3	11	7.3	128	.18	1.8	1.2
1116	89-12- 4	1:58:12.74	9:22.87	84: 5.51	40.80	2.7	18	5.1	186	.23	.9	.5
1117	89-12- 4	3: 3:17.92	9:38.35	84:47.60	23.80	2.5	11	34.7	173	.25	1.3	5.6
1118	89-12- 4	4: 4:45.49	8:51.88	84: 9.87	17.14	2.8	11	60.0	311	.17	1.6	1.1
1119	89-12- 4	4:11:50.57	8:58.83	84:12.19	19.77	3.0	12	47.7	271	.28	1.7	1.9
1120	89-12- 4	4:13:36.94	8:51.77	84: 7.81	19.56	2.8	9	60.1	333	.21	3.5	1.9
1121	89-12- 4	5: 5:26.16	10: .18	84:39.87	13.72	2.2	11	7.7	131	.27	1.0	1.6
1122	89-12- 4	8:56:20.13	9:58.71	84: .96	85.82	2.7	12	11.2	159	.18	1.7	1.2
1123	89-12- 4	23:10:52.73	9:29.75	83:54.75	44.57	2.4	14	17.4	120	.23	1.0	1.3
1124	89-12- 5	0:53:20.16	10:28.94	85:54.43	.24	2.8	11	53.1	285	.31	3.6	6.1
1125	89-12- 5	7:36:54.52	9:19.30	84: 6.42	8.32	2.3	8	45.5	305	.25	2.9	24.4
1126	89-12- 5	9: 9:44.28	9:37.80	83:39.08	.03	2.1	11	15.1	272	.29	2.3	1.5
1127	89-12- 5	12:29:28.54	9:31.13	83:19.44	12.28	2.4	11	48.7	227	.30	2.5	4.1
1128	89-12- 5	13:12:37.34	9:28.11	84:24.78	29.06	2.3	13	31.6	186	.15	.8	2.5
1129	89-12- 6	3:25: .11	9:39.60	84:10.67	41.51	2.9	17	29.0	103	.21	.8	.5
1130	89-12- 6	8:41:55.38	9: 3.50	84:10.26	29.58	2.9	12	38.6	214	.22	1.2	3.0
1131	89-12- 7	7: 0:57.98	9:50.47	84: 8.60	66.75	2.2	9	20.8	133	.18	2.2	2.7
1132	89-12- 7	10:15:21.01	9:44.19	83:55.33	7.25	1.9	9	17.9	138	.16	.7	.8
1133	89-12- 7	12:17:17.50	9:44.13	84:29.17	42.25	2.2	14	8.9	134	.26	1.3	1.8
1134	89-12- 7	21:36:28.10	8:14.75	82:50.97	37.19	2.9	8	32.8	306	.31	3.1	1.1
1135	89-12- 8	5:35: 5.26	9:36.36	84:47.15	18.12	2.4	13	36.4	180	.16	.8	1.3
1136	89-12- 8	15:44:56.23	9:33.42	83:39.00	7.02	2.4	17	12.7	176	.24	1.0	.6
1137	89-12- 8	20:11:58.06	9:37.46	84:53.03	25.19	2.7	19	25.6	184	.29	1.3	2.0
1138	89-12- 9	11: 5:51.99	9:33.78	84:49.64	27.81	2.5	14	34.0	194	.17	.9	2.0
1139	89-12- 9	13:36:43.32	9:37.67	84:13.58	51.24	2.6	18	27.1	118	.25	1.0	1.7
1140	89-12- 9	23: 8:24.84	9:42.67	84:55.33	21.52	2.8	18	19.9	155	.27	1.0	1.6

NUM	FECHA AA-MM-DD	T. ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
1141	89-12-10	5:16:43.36	9:39.52	84:47.76	23.67	2.4	13	34.0	167	.21	.9	2.5
1142	89-12-10	19:40:43.56	9:36.86	83:38.47	8.32	2.1	7	15.2	280	.15	1.4	16.8
1143	89-12-10	19:42:37.45	9:28.44	85:27.13	19.97	2.6	7	45.9	295	.09	1.4	1.4
1144	89-12-10	23:0:51.88	9:45.87	84:37.29	48.13	2.9	15	21.6	137	.26	1.3	1.7
1145	89-12-11	0:38:11.18	9:32.27	85:21.17	33.52	2.8	8	32.9	285	.15	1.9	1.4
1146	89-12-11	3:24:37.35	9:37.34	84:49.71	26.66	2.7	16	31.4	180	.20	.9	1.9
1147	89-12-11	4:1:41.68	9:24.18	84:38.25	.84	2.9	18	48.9	198	.24	.9	1.1
1148	89-12-11	12:12:18.33	8:40.27	83:17.70	30.15	2.7	8	35.3	198	.10	.9	1.3
1149	89-12-11	12:25:6.30	8:17.94	82:52.74	28.72	2.9	7	26.6	297	.30	4.1	1.2
1150	89-12-11	16:32:25.32	10:54.14	86:8.64	43.65	3.0	8	84.5	317	.30	3.9	28.0
1151	89-12-11	21:25:38.46	9:24.89	84:33.16	.82	2.2	11	43.9	207	.09	.6	.8
1152	89-12-12	3:48:9.79	9:41.43	83:59.15	61.22	2.5	14	22.7	104	.17	.9	1.7
1153	89-12-12	13:32:11.13	9:32.71	83:41.51	8.10	2.0	10	8.2	277	.30	2.8	.7
1154	89-12-12	14:32:43.56	9:32.65	84:48.48	10.60	2.6	20	36.8	191	.24	1.0	2.6
1155	89-12-12	17:24:26.52	9:32.03	83:39.65	7.31	2.1	9	11.7	283	.09	1.0	.5
1156	89-12-12	21:13:46.96	9:34.24	85:14.39	17.48	2.5	12	20.9	259	.30	1.5	1.3
1157	89-12-13	0:38:17.85	9:31.93	84:48.15	16.68	2.8	22	38.0	199	.27	.9	1.4
1158	89-12-13	7:53:51.41	9:55.44	84:3.55	74.27	2.5	15	11.3	141	.27	1.8	1.5
1159	89-12-13	7:54:22.46	9:52.65	83:1.30	41.91	3.0	14	89.1	248	.40	4.8	6.7
1160	89-12-13	14:59:32.36	9:37.64	83:38.67	4.87	2.2	7	15.6	275	.24	2.1	2.4
1161	89-12-15	10:35:40.23	9:32.67	83:37.79	11.45	2.9	19	14.9	158	.27	1.1	1.5
1162	89-12-15	13:34:52.00	9:33.30	83:34.71	1.35	2.3	10	20.6	188	.04	.6	.9
1163	89-12-15	18:10:51	9:28.14	85:14.66	8.68	2.6	7	30.1	269	.31	2.1	25.7
1164	89-12-15	23:10:16.95	9:7.62	83:1.53	35.02	3.0	13	31.4	176	.31	1.9	.9
1165	89-12-17	7:57:47.35	9:11.98	84:3.45	26.88	2.8	14	24.1	290	.17	1.1	1.4
1166	89-12-17	10:27:17.76	9:34.99	83:41.93	5.49	2.2	9	8.0	274	.09	.9	.3
1167	89-12-17	13:41:11.47	10:30.18	85:28.89	53.12	2.6	8	34.0	188	.26	1.5	2.8
1168	89-12-18	2:23:17.23	9:11.80	84:5.96	36.62	2.4	10	23.3	290	.23	1.6	1.7
1169	89-12-18	20:18:6.45	9:49.10	83:54.92	9.44	1.9	9	9.7	144	.22	1.1	2.7
1170	89-12-19	3:49:57.91	9:41.43	83:54.76	12.76	2.1	9	.6	130	.25	1.1	1.6
1171	89-12-19	8:15:57.63	9:44.06	83:48.32	9.21	1.9	8	12.9	188	.29	3.6	12.9
1172	89-12-20	5:6:30.70	8:27.31	83:1.35	31.49	2.6	7	5.5	227	.36	2.9	1.3
1173	89-12-20	16:29:36.20	8:45.34	82:51.58	43.39	2.7	8	19.1	179	.25	1.7	1.0
1174	89-12-20	17:20:32.41	9:26.40	84:26.76	27.68	2.5	9	34.7	196	.21	1.2	2.4
1175	89-12-21	16:35:33.41	9:31.58	83:36.61	4.31	2.6	14	17.4	190	.19	.9	.9
1176	89-12-22	12:57:14.41	8:36.16	83:6.97	4.62	2.9	11	18.4	145	.22	2.7	4.6
1177	89-12-22	13:14:59.18	9:17.88	84:15.99	33.92	2.7	12	18.8	235	.35	1.6	2.2
1178	89-12-23	0:16:48.65	9:26.94	84:32.70	18.57	2.5	17	40.0	199	.23	.8	1.3
1179	89-12-23	2:59:15.22	9:7.41	82:45.16	4.48	2.0	5	25.3	281	.07	2.0	1.3
1180	89-12-23	6:3:9.98	9:32.98	83:37.85	6.77	2.3	14	14.8	159	.20	1.5	.9
1181	89-12-23	10:2:31.61	10:8.22	84:4.72	93.88	3.0	11	13.3	212	.19	1.8	2.2
1182	89-12-23	10:58:29.64	8:32.51	83:14.61	34.38	2.7	8	21.9	214	.14	1.0	1.2
1183	89-12-23	12:21:2.90	8:31.38	82:58.53	11.96	2.3	5	13.7	201	.05	1.6	4.4
1184	89-12-24	1:51:3.45	9:40.36	84:48.26	21.12	2.4	8	33.0	164	.24	1.2	4.4
1185	89-12-24	1:54:33.64	9:27.84	84:29.43	28.76	2.5	6	36.9	193	.25	2.4	5.7
1186	89-12-24	7:21:4.47	8:56.38	84:22.01	41.30	2.9	8	57.6	233	.24	2.4	.9
1187	89-12-24	7:53:3.39	9:1.37	84:7.80	24.42	2.7	10	42.3	271	.25	1.8	4.0
1188	89-12-24	11:24:41.82	9:57.87	82:56.51	35.01	2.8	6	101.1	264	.08	2.3	13.2
1189	89-12-24	19:49:35.45	9:45.14	84:49.63	16.71	2.8	11	30.8	168	.28	2.3	2.2
1190	89-12-25	4:57:35.79	9:48.04	82:50.37	30.86	2.9	8	98.6	260	.30	2.1	3.6
1191	89-12-25	5:46:17.27	9:34.22	83:36.86	15.56	2.5	14	16.7	184	.30	1.2	2.7
1192	89-12-25	22:35:6.45	8:23.38	82:57.84	36.33	2.7	8	13.2	277	.10	1.3	.6
1193	89-12-25	22:36:4.16	8:45.99	83:8.87	46.27	2.6	8	34.2	157	.13	1.0	1.7
1194	89-12-26	4:7:2.33	9:42.14	84:51.71	10.66	2.4	6	26.5	192	.09	.7	8.1
1195	89-12-26	11:26:52.66	8:22.18	83:4.58	37.78	2.8	6	8.3	311	.20	9.7	1.9
1196	89-12-26	23:31:39.93	10:26.82	86:11.24	21.56	3.0	6	76.8	302	.31	3.9	28.4
1197	89-12-27	1:40:23.84	9:18.72	83:43.17	26.35	2.4	10	27.5	160	.27	1.5	2.3
1198	89-12-27	6:57:51.53	9:29.90	83:39.87	6.50	2.4	12	12.8	167	.22	1.0	.8
1199	89-12-27	18:59:30.20	10:12.29	85:45.73	22.83	2.7	8	24.0	265	.13	2.0	1.3
1200	89-12-27	20:52:36.17	9:35.52	83:35.43	4.85	2.6	17	19.6	190	.24	.8	1.0

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
1201	89-12-28	7: 9:58.39	10:15.91	84: 3.03	109.15	3.0	9	27.8	241	.14	3.6	3.1
1202	89-12-28	10: 0:55.88	9:30.42	83:40.09	6.38	2.1	10	11.9	168	.20	1.5	.7
1203	89-12-29	3:44: 3.58	9: 6.41	84: 8.40	22.66	2.7	11	33.0	209	.23	1.4	3.2
1204	89-12-29	19:32:17.85	9: 6.01	84:10.26	37.06	2.5	8	34.0	299	.16	1.9	1.6
1205	89-12-30	6: 1:11.67	8:57.06	84: 9.20	22.97	2.7	9	50.3	259	.13	1.7	6.0
1206	89-12-30	21:14:56.70	9:57.35	83: 7.46	36.28	2.7	14	83.2	247	.14	1.2	1.0
1207	89-12-31	13:59:13.28	9:14.70	83:45.45	32.12	2.6	15	34.5	180	.21	1.1	1.7
1208	89-12-31	23:12:20.24	9:32.87	84:51.41	19.28	2.3	12	32.0	202	.18	1.0	1.1

### **III. SISMICIDAD DE COSTA RICA ENE-DIC 1989.**

#### **SEISMICITY OF COSTA RICA JAN-DEC 1989.**

##### **D. Listado de eventos locales, $3.0 \leq M < 4.0$ .**

##### **Local Event Listing, $3.0 \leq M < 4.0$ .**

**Nota:** Los eventos listados corresponden a los sismos registrados entre  $7^{\circ} 58.8'$  y  $11^{\circ} 14.4'$  de Latitud Norte y entre  $82^{\circ} 31.2'$  y  $86^{\circ} 38.4'$  de Longitud Oeste, correspondientes a la caja de mapas de Costa Rica mostrados en éste catálogo.



NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
1	89- 1- 1	3:56:54.59	8: 8.59	83: 1.91	18.92	3.3	13	33.7	327	.19	2.8	1.0
2	89- 1- 1	12:32:14.97	9:37.13	84:55.61	21.42	3.1	24	21.4	174	.31	.9	1.6
3	89- 1- 3	3:17:49.43	9:48.16	83: 7.01	36.39	3.1	18	76.2	252	.31	2.0	1.0
4	89- 1- 6	1:15:44.55	11:14.16	86:32.44	34.73	3.2	7	161.2	344	.31	15.6	24.0
5	89- 1- 6	17:22:55.08	10:28.59	84:52.61	99.39	3.6	15	22.2	172	.30	1.9	2.2
6	89- 1- 6	17:38:15.93	9:17.27	84:20.08	36.92	3.5	18	25.6	175	.35	1.6	1.2
7	89- 1- 6	21:58:10.42	10:23.22	83:17.52	19.44	3.1	14	80.9	288	.30	1.9	6.1
8	89- 1- 6	22: 2:35.35	9:14.52	84:12.35	33.53	3.0	17	19.6	196	.37	1.3	2.0
9	89- 1- 8	5:40: 4.62	8:32.40	83:18.42	9.75	3.2	19	28.1	192	.37	1.7	2.2
10	89- 1- 8	12: 0:12.34	9:39.07	82:46.68	33.24	3.2	18	88.8	267	.35	2.0	1.1
11	89- 1- 8	18:44:43.61	9:17.55	85:31.81	43.07	3.2	16	65.2	263	.28	2.0	1.0
12	89- 1- 9	6:46:47.60	10:11.32	84:21.39	89.03	3.3	18	32.0	195	.23	1.8	1.4
13	89- 1- 9	23:13:46.70	8:13.43	83:12.03	6.55	3.2	16	28.3	291	.30	2.5	2.4
14	89- 1-11	0:18:51.21	9:42.37	83:45.47	13.08	3.0	26	16.8	172	.32	1.0	1.1
15	89- 1-14	20:16:55.62	9: 7.36	83: 1.76	30.94	3.2	12	30.8	175	.35	2.6	1.2
16	89- 1-14	23:43:17.66	9: 9.51	83:55.91	28.90	3.1	19	35.0	194	.35	1.4	1.9
17	89- 1-15	7:55:24.30	10:26.11	84:43.53	131.33	3.7	20	29.6	179	.31	2.2	1.8
18	89- 1-15	9: 8:44.42	10:42.06	84:57.02	167.82	3.8	12	45.6	206	.32	4.3	2.0
19	89- 1-15	13:53: 9.30	11: 8.17	83:54.78	35.24	3.3	12	125.7	295	.36	2.2	1.6
20	89- 1-15	22:49:34.80	8: 1.37	82:32.91	13.44	3.0	10	74.2	323	.25	1.4	1.2
21	89- 1-16	0:51:45.12	9:30.98	82:31.83	38.19	3.4	16	73.4	271	.28	1.7	1.1
22	89- 1-16	7: 5:24.67	10:17.43	84:33.77	95.90	3.3	15	33.9	213	.20	1.8	1.3
23	89- 1-17	7:37:59.64	10:24.91	84:46.28	103.09	3.4	19	24.1	225	.30	2.4	1.6
24	89- 1-17	11: 2:23.69	8:16.75	82:47.71	25.38	3.6	15	35.4	299	.22	1.5	.8
25	89- 1-17	17:15:49.95	9:33.04	83:34.39	24.96	3.4	20	58.5	166	.35	1.3	1.9
26	89- 1-17	21: 9:54.41	8:34.79	83:33.49	19.25	3.3	17	55.7	202	.26	1.0	1.7
27	89- 1-18	16:35:41.63	11:14.19	85:28.66	18.88	3.4	11	50.7	320	.21	1.7	1.2
28	89- 1-19	3:56:11.71	9: 6.42	83:55.26	26.74	3.5	17	40.3	169	.27	1.4	3.4
29	89- 1-19	15:10:42.02	10:39.11	85: 3.96	156.51	3.7	17	37.5	185	.28	2.7	1.6
30	89- 1-20	14:40: 5.56	8:47.03	82:55.36	34.33	3.1	17	21.9	149	.25	.9	.6
31	89- 1-20	19:12:27.44	10:23.47	86:14.51	.22	3.7	9	80.2	303	.19	5.8	7.6
32	89- 1-20	23: 0:45.26	11:13.95	85:36.33	153.67	3.6	8	55.0	325	.30	3.5	4.8
33	89- 1-22	2:35:21.97	9:56.71	84:34.82	16.99	3.1	24	5.1	105	.36	.8	1.0
34	89- 1-22	3:11: 5.79	9:56.04	84:35.33	10.90	3.7	21	6.1	107	.35	.9	1.9
35	89- 1-24	6:12:15.16	10: .50	84:56.73	38.87	3.1	22	31.4	80	.29	.7	.5
36	89- 1-24	17:36:58.03	10:25.68	84:18.60	112.45	3.2	17	28.6	240	.31	3.0	1.8
37	89- 1-25	9:47:46.97	10:33.68	86:29.51	33.89	3.7	10	112.4	316	.31	3.2	1.4
38	89- 1-25	10:46:48.10	10:33.52	86: 1.58	.03	3.0	10	68.5	296	.33	4.7	6.5
39	89- 1-26	5: 2: 5.59	10:26.04	84:43.82	100.44	3.5	21	29.1	227	.28	2.3	1.9
40	89- 1-26	23:27:42.12	9: 7.76	85:27.47	74.85	3.3	10	74.6	305	.28	2.6	4.5
41	89- 1-27	17:37:41.33	8:11.58	83:45.06	37.18	3.3	10	79.9	250	.26	3.5	1.4
42	89- 1-29	3:54:11.40	9:52.57	85:36.05	24.62	3.1	18	32.3	261	.25	1.1	1.2
43	89- 2- 2	7:51:11.88	8:50.85	84:14.23	42.11	3.1	12	62.9	206	.22	1.4	.9
44	89- 2- 3	3: 5:46.14	8:29.18	82:53.89	12.58	3.1	9	19.6	238	.20	1.1	1.5
45	89- 2- 4	1:23:54.10	8:56.51	83:47.20	37.47	3.9	10	68.2	300	.15	2.8	1.2
46	89- 2- 5	1:28:58.40	10:47.03	85:10.23	143.33	3.4	7	22.8	231	.26	4.1	3.7
47	89- 2- 6	6:16:54.08	8:25.43	83: 5.03	33.72	3.4	19	2.7	257	.35	1.5	.7
48	89- 2- 6	22:37: 3.11	10:17.68	86:31.56	10.00	3.8	14	108.1	314	.29	1.7	1.4
49	89- 2- 8	11:21:15.07	8:12.56	82:39.22	28.36	3.8	16	52.8	327	.31	2.6	1.0
50	89- 2- 9	10: 0:17.55	8:24.03	82:54.82	23.01	3.3	11	18.0	316	.32	4.1	1.2
51	89- 2- 9	11: 7: 5.26	9:35.91	85:44.72	41.88	3.1	13	66.3	276	.26	1.8	.7
52	89- 2- 9	16:26:43.75	9:28.51	84:31.96	14.52	3.2	20	36.9	167	.30	.8	2.2
53	89- 2-17	21: 6:47.08	8:25.59	83: 6.51	18.80	3.3	14	4.6	249	.35	1.8	1.4
54	89- 2-18	4:29:45.98	10:28.85	86:14.30	11.29	3.3	9	83.5	305	.24	2.2	2.3
55	89- 2-19	14:49:11.19	8:26.97	83: .32	18.00	3.0	19	7.3	237	.28	1.7	.8
56	89- 2-19	23: 1:51.81	8:55.97	83:19.97	47.41	3.4	19	12.3	96	.28	1.2	1.7
57	89- 2-22	4: 7:12.78	9:25.74	84: 4.40	48.84	3.1	17	7.1	82	.32	1.4	1.6
58	89- 2-26	12:25: 2.27	9:39.95	84:12.41	17.22	3.4	20	30.4	109	.26	.7	1.4
59	89- 2-26	12:27: 1.22	9:39.96	84:11.73	24.22	3.4	27	30.1	107	.27	.6	.9
60	89- 2-26	12:33:25.38	9:39.70	84:12.05	15.12	3.5	20	29.7	108	.30	.7	1.4

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
61	89- 2-26	12:56:18.42	9:39.28	84:12.76	14.18	3.1	23	29.3	112	.28	.6	1.6
62	89- 2-26	13: 3:30.99	9:40.06	84:10.97	27.11	3.4	25	30.0	104	.26	.7	.8
63	89- 2-26	14:39:17.10	9:40.51	84:11.86	29.07	3.9	18	31.1	106	.26	.9	.9
64	89- 2-26	14:49:32.36	9:40.14	84:13.42	13.21	3.3	20	31.2	112	.23	.6	1.7
65	89- 2-26	20:51:14.02	9:39.87	84:12.64	16.81	3.4	25	30.3	110	.34	.7	1.3
66	89- 2-27	7:11:50.25	9:40.79	84:11.68	20.24	3.1	19	11.7	66	.39	.9	1.0
67	89- 2-27	21:29:40.45	9:42.05	82:35.81	27.87	3.0	13	91.3	269	.35	1.7	2.5
68	89- 2-28	3:43:28.24	9:39.21	84:11.26	23.47	3.2	25	28.5	107	.23	.6	.9
69	89- 2-28	4:46:48.86	8:22.88	82:49.86	18.34	3.1	15	27.3	278	.37	2.3	1.2
70	89- 2-28	11:44:44.09	9:39.09	84:12.65	25.15	3.4	23	28.9	112	.27	.7	1.0
71	89- 3- 2	22:21:47.37	9:39.82	84:12.44	18.76	3.0	22	30.1	109	.32	.7	1.2
72	89- 3- 3	17:11: 1.30	9:38.78	84:52.24	26.49	3.3	16	26.2	173	.25	1.1	1.9
73	89- 3- 4	6:38: 6.18	8: .92	83:22.61	32.94	3.4	17	58.4	280	.23	1.2	1.0
74	89- 3- 5	11:11:52.24	9:38.58	86: 3.29	35.32	3.1	14	80.2	293	.31	2.0	1.1
75	89- 3- 8	20:41: 4.43	9:13.60	84: .04	28.68	3.2	23	24.4	129	.32	1.0	1.2
76	89- 3- 9	23:30: 1.32	10:35.24	84:12.43	129.09	3.3	8	63.5	283	.10	3.4	2.5
77	89- 3-10	19:22:45.45	10: 5.21	84:52.83	49.31	3.1	19	24.0	100	.22	.9	1.5
78	89- 3-10	19:22:49.90	8: 8.79	82:55.14	9.57	3.2	6	37.0	291	.37	3.3	29.1
79	89- 3-13	7:58:55.63	8:22.56	82:57.19	33.76	3.2	15	15.0	271	.27	1.5	.7
80	89- 3-15	14:42: 7.49	10:21.02	86: 6.61	38.80	3.4	8	65.1	295	.09	3.0	.8
81	89- 3-16	2:52:50.12	9: .18	84:44.19	34.82	3.4	14	79.9	225	.19	1.5	.9
82	89- 3-16	6:46:30.32	10:47.70	85:50.20	55.82	3.2	9	50.0	295	.20	1.6	2.3
83	89- 3-17	3:43:23.51	10:24.20	86: 2.76	6.88	3.5	10	60.8	328	.35	3.6	5.3
84	89- 3-17	9:20:59.98	10:17.16	85:48.20	26.62	3.1	11	31.3	319	.26	3.5	1.2
85	89- 3-17	9:27:37.35	8:21.65	82:58.01	17.45	3.0	11	14.7	272	.26	1.9	1.1
86	89- 3-19	23:17:10.38	8:19.00	82:51.22	18.26	3.3	16	27.8	283	.20	1.4	.9
87	89- 3-20	22:20:33.21	9:16.53	84:18.43	36.61	3.1	16	23.9	157	.27	1.0	.8
88	89- 3-23	17:21: 6.84	10:23.01	85:40.95	17.49	3.6	10	28.7	248	.24	1.2	1.1
89	89- 3-25	0:26:59.85	9:39.58	83:55.04	56.03	3.1	20	20.3	120	.33	1.2	1.2
90	89- 3-27	8:15: 7.59	9:34.67	83:34.61	15.60	3.2	19	20.9	168	.30	1.1	1.4
91	89- 3-27	11:34:48.08	8:23.56	83:47.34	30.76	3.3	16	36.8	231	.25	1.0	1.1
92	89- 3-29	0:58: 1.97	8:50.68	83: .80	18.43	3.2	14	28.5	115	.37	1.3	2.4
93	89- 3-30	5:44:31.36	10:25.46	86:11.92	.06	3.1	7	77.0	302	.11	2.5	3.9
94	89- 4- 1	10:59:18.02	8:52.96	84: 8.68	30.96	3.7	17	35.6	190	.23	.9	1.2
95	89- 4- 2	15:19: 2.44	10:31.38	85:33.65	25.05	3.4	11	35.8	216	.33	1.5	1.7
96	89- 4- 2	16:19:39.88	10:34.11	85:39.97	48.21	3.3	11	40.0	248	.21	1.3	2.0
97	89- 4- 3	2:51: 7.68	8:25.66	82:53.46	33.11	3.0	13	19.9	261	.37	2.3	.9
98	89- 4- 7	18: 2:21.78	9: 3.38	82:57.18	30.94	3.1	15	27.8	174	.34	1.2	1.5
99	89- 4- 9	11:12:43.94	9:23.40	83:49.05	39.62	3.5	19	19.2	98	.31	1.0	.8
100	89- 4-12	23:55:27.14	10:42.33	86:19.29	37.06	3.7	9	103.5	314	.22	1.8	1.1
101	89- 4-15	2:46: 3.12	11:10.80	85:41.21	152.75	3.8	9	54.8	326	.29	3.9	3.9
102	89- 4-15	7:33:10.11	9: 1.85	82:57.09	29.91	3.2	19	25.9	169	.34	1.1	1.1
103	89- 4-15	9:58:12.36	8:51.96	82:49.70	42.45	3.1	7	8.3	144	.07	1.2	.6
104	89- 4-16	7:28:43.00	10:31.67	86:10.00	7.17	3.1	9	79.0	303	.27	9.1	11.1
105	89- 4-16	10:20: 6.49	10:36.13	85:40.65	40.19	3.6	10	38.8	254	.27	1.9	1.0
106	89- 4-17	10:29:32.05	9:13.64	84:18.54	32.19	3.1	13	27.6	200	.28	1.7	1.5
107	89- 4-19	20:25:37.34	9:30.78	84:48.81	28.13	3.0	16	38.0	197	.24	1.1	2.0
108	89- 4-22	18: 4:43.01	8:18.39	82:40.08	40.22	3.5	17	46.9	297	.25	2.2	.6
109	89- 4-25	10: 4:24.33	8:19.33	82:50.81	28.29	3.5	20	28.1	284	.31	1.8	.8
110	89- 4-25	22:21:45.52	8:22.79	82:53.86	33.52	3.2	14	20.4	276	.31	1.7	.8
111	89- 4-26	11:30:34.22	8:27.81	82:58.50	22.63	3.4	16	10.8	233	.34	1.7	1.3
112	89- 4-27	7: 2:20.82	9:41.74	84:54.44	26.10	3.3	20	21.5	160	.28	.9	1.7
113	89- 4-27	9:23:30.77	8:14.91	82:34.56	30.45	3.8	15	58.6	307	.28	2.0	1.0
114	89- 4-28	11:20:21.82	10: 1.38	84:23.26	64.75	3.4	15	22.8	155	.27	1.4	1.7
115	89- 4-29	9:51:14.60	10:14.17	83:11.07	16.22	3.0	9	83.5	265	.09	1.7	1.1
116	89- 4-30	10:57: 6.61	9:32.31	84:52.13	33.29	3.7	9	31.5	199	.27	2.3	2.1
117	89- 5- 1	3:49:44.60	8:21.00	82:51.00	21.71	3.0	13	26.5	285	.10	1.3	.5
118	89- 5- 1	8:50: 2.73	9:29.84	84:51.59	29.82	3.4	13	35.0	205	.23	1.2	1.7
119	89- 5- 1	21:29:42.78	9:32.25	84:49.52	21.20	3.1	18	35.5	200	.24	.9	4.3
120	89- 5- 2	1:10:57.80	9:29.96	84:50.09	23.50	3.0	13	37.0	211	.23	1.3	3.7

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
121	89- 5- 2	3: 4:28.68	9:13.44	84:34.85	25.93	3.2	16	53.1	215	.26	1.2	5.5
122	89- 5- 2	11: 1: 3.13	9: 7.05	84: 8.92	32.77	3.0	10	31.8	266	.21	1.6	2.4
123	89- 5- 3	5:49:37.05	9:32.81	84:49.48	20.92	3.0	15	35.0	199	.22	1.2	1.9
124	89- 5- 3	7:21:59.01	9:39.56	84:52.75	26.55	3.5	17	25.0	170	.25	1.0	1.8
125	89- 5- 3	13:16:10.82	9:32.45	84:51.20	30.01	3.2	19	32.7	204	.30	1.1	2.5
126	89- 5- 3	20:54:10.93	9:30.10	82:58.06	8.73	3.1	18	63.0	224	.28	1.3	2.0
127	89- 5- 4	23: 7:31.57	9:31.80	83:36.11	12.41	3.3	15	18.2	160	.26	1.1	1.4
128	89- 5- 5	7:48: 5.79	9:54.06	84:13.08	59.82	3.4	20	17.6	91	.28	1.3	.9
129	89- 5- 7	12:50: 1.86	8:21.53	82:50.45	17.47	3.1	14	27.0	283	.34	1.7	.9
130	89- 5- 8	3:26:50.83	8:26.58	82:41.98	41.60	3.3	11	50.8	312	.28	5.7	2.8
131	89- 5- 8	4: 9:22.30	8: 2.91	82:45.39	38.40	3.6	7	56.0	315	.18	19.1	1.1
132	89- 5-11	3:32:22.11	9:49.35	84:25.68	47.66	3.0	17	26.1	115	.32	1.2	1.9
133	89- 5-11	7: 9:10.66	10:40.13	84:41.58	164.73	3.9	14	50.7	210	.25	3.1	1.6
134	89- 5-11	13:51: 4.29	10:56.34	85:25.53	158.61	3.8	6	17.3	301	.09	5.1	8.2
135	89- 5-11	17:53:34.20	10:28.93	84:49.50	77.31	3.0	9	25.5	179	.21	1.3	1.9
136	89- 5-12	5:36:13.26	9:41.89	85:22.46	28.87	3.0	9	29.7	251	.22	1.5	2.1
137	89- 5-12	5:57:11.83	10:15.65	84: 6.32	105.46	3.3	7	26.4	231	.16	4.2	2.2
138	89- 5-14	3:10:40.11	9:23.71	83:51.71	32.67	3.0	17	20.6	150	.28	.9	.7
139	89- 5-17	13:51:43.10	9: 3.82	82:59.64	31.70	3.5	18	31.8	169	.33	1.3	1.0
140	89- 5-20	2: 6:47.22	10:22.04	85:59.02	20.72	3.8	15	53.0	286	.30	2.4	1.2
141	89- 5-22	14:40:42.33	8:47.24	84: .77	28.88	3.1	11	89.6	294	.28	2.1	1.8
142	89- 5-22	16:42:31.50	9:25.88	84:32.71	30.83	3.2	14	45.4	190	.28	1.6	1.9
143	89- 5-24	16:38:43.54	9:51.96	84:42.32	54.99	3.2	21	18.1	119	.22	.8	1.2
144	89- 5-25	16:51:48.00	9:26.34	85:12.04	36.16	3.3	12	31.1	244	.30	1.9	.9
145	89- 5-26	7:42:32.85	10:19.11	86:23.41	36.46	4.0	4	93.8	309	.03	9.7	1.8
146	89- 5-27	4:30:24.33	9:39.29	84:57.18	30.16	3.4	20	17.3	178	.29	1.2	1.5
147	89- 5-27	19: 8: 9.64	9:40.53	84:12.20	23.78	3.2	21	31.3	107	.31	.8	1.2
148	89- 5-27	21: 9:27.37	10:48.51	85:25.29	110.23	3.3	9	5.1	281	.22	1.7	1.6
149	89- 5-28	3:27:36.21	10:48.71	85:30.35	72.42	3.6	9	14.1	275	.06	1.2	.8
150	89- 5-28	7:20:33.21	10: 6.06	84:10.24	91.62	3.1	12	10.4	192	.21	1.7	2.0
151	89- 5-28	17:28:13.17	8:16.03	83:20.02	21.66	3.3	20	35.0	255	.23	1.1	1.2
152	89- 5-28	20:10: 5.03	8:29.26	82:52.27	18.21	3.0	19	22.5	243	.25	1.4	.7
153	89- 5-29	17:16:53.19	9:31.54	84:53.20	30.56	3.8	24	30.8	189	.23	.8	.7
154	89- 5-31	18:27:19.49	10:25.03	83: 8.22	34.96	3.0	10	97.0	310	.33	3.0	1.9
155	89- 6- 1	1:31:29.59	9:39.26	84:11.58	25.74	3.5	23	28.7	107	.28	.7	1.1
156	89- 6- 1	19:12:36.96	9:30.38	82:57.27	23.03	3.0	21	64.3	225	.16	.7	1.1
157	89- 6- 3	21:33:37.94	10: 5.95	83:21.54	24.26	3.1	12	60.7	236	.26	1.2	2.9
158	89- 6- 4	23:11:47.55	10:37.29	84:56.44	169.74	3.7	8	36.8	219	.13	2.7	1.3
159	89- 6- 5	5:16: 5.56	9:16.85	83:55.84	48.89	3.3	16	26.0	117	.32	1.2	1.7
160	89- 6- 5	16:27:46.62	10:39.44	85:50.70	49.53	3.0	10	53.1	284	.24	2.1	2.9
161	89- 6- 6	4:45:34.83	9:29.75	84:53.56	33.23	3.0	17	32.5	209	.26	1.1	1.7
162	89- 6- 8	7:12: 8.36	9:43.67	82:34.50	26.31	3.1	10	94.7	271	.25	1.6	2.5
163	89- 6-10	0:41:31.09	8: 2.34	83:18.20	31.99	3.1	11	51.8	289	.23	1.6	1.4
164	89- 6-10	9:28:58.63	9:14.12	85:28.95	39.48	3.2	18	66.5	249	.25	1.4	.9
165	89- 6-11	7:45: 8.62	10: .46	86:16.71	16.85	3.6	21	81.9	303	.44	1.8	1.6
166	89- 6-11	12:32:58.03	10:38.50	85:34.56	62.76	3.3	12	27.2	236	.24	1.4	1.6
167	89- 6-14	3: 0: 1.93	10:33.70	85:35.19	21.71	3.1	14	34.2	227	.25	1.3	1.5
168	89- 6-15	22:57:36.20	10: 3.52	83:52.12	97.15	3.2	6	80.1	331	.24	6.7	3.5
169	89- 6-16	1:20:35.92	9:23.52	84: 9.03	41.64	3.2	17	2.4	132	.28	1.1	.6
170	89- 6-16	8:20:29.43	10:11.45	84:11.47	85.28	3.1	19	20.3	189	.22	1.3	1.4
171	89- 6-17	4:19: 9.28	8:16.77	82:56.79	34.92	3.5	18	22.8	280	.21	1.3	.6
172	89- 6-17	4:47: 3.91	10:34.46	85:39.93	33.56	3.1	9	39.5	248	.20	1.3	2.2
173	89- 6-20	4:46:28.33	10:28.95	86: 8.81	8.06	3.5	16	74.7	300	.36	2.4	3.3
174	89- 6-20	13:43:46.18	10:33.30	85:35.27	35.74	3.6	19	34.8	227	.30	2.1	.8
175	89- 6-20	17:48:25.51	10:48.94	85:13.27	142.83	4.0	16	17.4	225	.25	2.3	1.9
176	89- 6-21	1:41:27.57	9:44.30	83: 7.68	8.36	3.0	21	72.8	220	.34	2.0	1.4
177	89- 6-21	1:46:13.60	9:43.09	83: 8.51	10.55	3.1	26	70.7	219	.32	1.4	1.2
178	89- 6-21	23:47: 2.18	9:33.03	84:11.91	56.26	3.2	22	17.9	122	.28	1.0	1.8
179	89- 6-22	8:49:55.22	8:31.67	82:47.54	35.07	3.3	12	41.1	275	.28	2.0	1.0
180	89- 6-22	13:42: 8.95	10:42.20	85:38.43	31.88	3.5	6	30.2	261	.31	5.8	1.8

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERn KM	ERZ KM
181	89- 6-24	14:10: 7.66	10:37.90	85:30.67	54.91	3.5	17	22.9	214	.25	1.3	1.8
182	89- 6-24	20:34:31.07	10:44.93	85:15.23	145.70	3.5	14	14.4	200	.24	2.7	1.6
183	89- 6-26	7:59: 2.82	9: 4.33	82:59.45	32.35	3.7	13	32.1	171	.32	1.6	1.8
184	89- 7- 2	22:21: 7.02	9:42.29	84:58.92	19.83	3.1	18	13.3	160	.25	.8	.9
185	89- 7- 3	6:27: 5.55	8: 8.84	83: 2.11	24.89	3.2	11	33.2	285	.38	2.6	1.5
186	89- 7- 3	6:51:25.27	9:29.55	83:39.12	14.40	3.2	20	14.3	150	.27	1.0	1.7
187	89- 7- 3	16:35:54.07	10:39.97	85: 4.66	159.62	3.7	15	35.7	192	.25	2.4	2.7
188	89- 7- 4	0:25:58.73	10:54.91	85:34.22	116.46	3.4	12	25.1	305	.24	2.7	2.6
189	89- 7- 4	3: 7: 9.11	9:15.47	84:18.37	26.29	3.5	24	25.0	159	.32	.9	1.3
190	89- 7- 5	2:27:40.36	8:16.02	82:46.69	27.75	3.1	16	70.0	292	.38	2.1	1.1
191	89- 7- 5	12:40:39.50	9:46.28	84:11.88	60.93	3.1	17	29.3	96	.24	.9	1.8
192	89- 7- 7	19: 9:44.14	9:26.83	84:36.67	28.71	3.1	17	52.7	203	.28	1.3	2.5
193	89- 7- 8	5:26:15.91	9:33.86	84: 6.81	50.06	3.9	19	18.1	91	.30	1.2	2.2
194	89- 7-12	15:19: 9.87	10:16.66	84:10.23	100.74	3.3	15	28.9	227	.25	2.0	1.7
195	89- 7-13	15: 6: 2.22	10:58.50	86:19.82	35.76	3.7	16	105.8	325	.26	1.7	.9
196	89- 7-13	17:11:33.56	10:12.93	84:15.22	84.15	3.1	21	26.1	187	.23	1.6	1.6
197	89- 7-14	0:42:41.59	8:32.51	83: 3.22	.19	3.0	20	11.1	151	.25	2.0	2.9
198	89- 7-14	7:41:31.78	8:10.44	82:58.44	26.63	3.2	16	31.9	321	.27	2.2	.9
199	89- 7-15	6:29:45.40	8:14.06	83:37.36	21.05	3.2	18	59.8	247	.19	1.3	2.2
200	89- 7-17	4: 4: 1.14	10: 1.52	86: 6.12	37.39	3.5	8	62.7	294	.22	2.6	1.3
201	89- 7-17	16: 8:27.30	9:56.56	86:11.33	35.61	3.3	18	74.4	299	.29	2.5	1.0
202	89- 7-20	11:50:13.24	9:22.28	84:47.64	39.67	3.2	25	50.0	192	.22	.9	.6
203	89- 7-21	2:59:19.74	9:24.44	84:37.31	31.86	3.6	17	53.7	197	.27	1.0	1.6
204	89- 7-21	11:25:10.67	9: 8.31	84:53.55	37.56	3.5	11	66.7	270	.23	2.7	1.0
205	89- 7-21	11:41: 4.63	10:22.97	84:57.94	82.99	3.4	17	10.4	150	.24	1.4	2.0
206	89- 7-22	3:59:52.51	9:28.76	84:12.01	35.93	3.0	21	11.2	146	.25	.7	1.0
207	89- 7-24	6:24:23.39	9: 4.31	83:47.13	34.52	3.1	22	41.0	102	.26	.8	.6
208	89- 7-24	21:41: 8.50	10:36.26	84:53.84	134.97	3.8	22	35.4	191	.24	1.7	1.2
209	89- 7-27	1:24:35.34	8:20.47	82:50.92	25.74	3.0	11	27.0	287	.04	1.0	.5
210	89- 7-27	10: 3:39.00	10:42.94	86:29.84	30.88	3.6	14	120.7	320	.11	1.3	.8
211	89- 7-28	12:30:18.00	9:35.14	84:20.37	43.38	3.1	25	30.5	147	.18	.6	.4
212	89- 7-28	23:12:52.02	10:50.69	86:28.32	.05	3.3	16	119.6	322	.34	2.2	2.4
213	89- 7-29	3:15:41.37	8:49.16	85:30.39	37.84	4.0	21	107.6	271	.35	1.7	1.2
214	89- 7-29	13:37: 8.65	10:41.75	86:29.05	12.52	3.5	14	118.3	319	.38	2.1	1.3
215	89- 7-30	17: 1:29.51	9:33.06	84:53.06	29.46	3.3	19	29.2	197	.19	.9	1.6
216	89- 7-30	19:56:46.81	9:11.94	84: .24	40.48	3.1	23	26.8	131	.32	1.0	.7
217	89- 7-31	0:28: 5.21	9: 5.97	84: 5.11	14.49	3.1	16	34.2	156	.30	1.0	1.9
218	89- 7-31	0:29:22.65	9: 3.66	84: 7.12	15.29	3.1	16	38.0	164	.31	.9	1.6
219	89- 7-31	11:28:29.79	9:38.29	84:46.80	18.66	3.0	19	36.2	170	.29	.8	1.1
220	89- 8- 1	13:32: 2.54	10:11.97	84:26.73	90.83	3.1	22	28.8	192	.33	2.3	1.7
221	89- 8- 2	5:52:56.61	10:59.72	85:21.85	139.54	3.7	12	22.8	292	.20	2.5	2.0
222	89- 8- 3	7:57:45.24	10:51.50	85: 8.85	18.16	3.8	15	26.4	231	.28	1.7	2.1
223	89- 8- 5	21:38:27.08	9:39.82	84: 9.06	35.95	3.2	21	29.1	98	.29	.7	1.2
224	89- 8- 7	3:30:59.07	8:22.70	82:40.36	37.35	3.2	10	44.4	289	.23	2.6	.9
225	89- 8- 8	17:19:40.99	9:27.64	84:40.83	18.64	3.0	16	53.5	204	.14	.7	1.0
226	89- 8-10	4:21:50.91	10: .34	83:49.89	114.58	3.0	10	8.3	246	.29	3.7	2.5
227	89- 8-12	10:43:19.86	9:11.81	85:36.85	35.84	3.1	16	79.3	258	.31	1.8	1.2
228	89- 8-13	11:24:32.21	10: 7.79	84:14.91	93.86	3.0	16	18.6	190	.23	2.0	1.6
229	89- 8-13	11:53: 8.54	9:23.17	84:28.27	24.51	3.4	23	37.2	159	.28	.8	2.1
230	89- 8-14	5:41:19.70	11: 7.52	85:44.07	145.80	3.6	10	53.8	324	.28	4.1	3.4
231	89- 8-14	7: 4:49.76	9: .73	85:38.32	29.12	3.3	17	96.6	289	.29	1.7	1.5
232	89- 8-16	17:39: 1.87	10:12.08	84:10.64	86.54	3.2	24	20.9	193	.24	1.7	1.5
233	89- 8-17	18:40: 2.34	9:24.82	84:34.67	27.07	3.1	22	48.9	194	.26	.8	1.3
234	89- 8-17	20:21:28.75	10:51.62	85:41.35	70.43	3.0	8	34.7	294	.11	1.8	1.6
235	89- 8-18	17:41:45.06	10:50.41	85:34.71	126.67	3.5	11	22.5	287	.19	2.3	2.5
236	89- 8-21	2:21: 3.89	10:49.81	86:20.14	46.81	3.9	14	104.6	319	.12	1.3	4.9
237	89- 8-21	22: 7: 4.40	10:43.31	86: 7.95	.11	3.3	15	82.7	309	.81	6.1	9.4
238	89- 8-22	21:59:26.56	8:16.46	82:49.26	21.12	3.5	23	33.4	288	.29	2.0	1.0
239	89- 8-24	21:14:49.39	10:15.65	84:57.21	60.13	3.0	17	3.4	95	.18	.9	1.5
240	89- 8-25	18:17: 8.71	10:28.42	85: 4.91	77.00	3.1	13	24.7	157	.21	1.5	1.6

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
241	89- 8-26	14:21:25.31	10:37.90	85:42.40	44.21	3.2	9	40.0	262	.23	1.9	2.7
242	89- 8-28	10:55:12.53	8:37.82	82:58.43	42.22	3.0	12	23.4	170	.25	1.4	.9
243	89- 8-30	11:22:17.20	8:48.33	83:31.98	21.15	3.1	26	36.6	127	.34	.9	1.9
244	89- 9- 1	7: 6:16.47	11: 6.83	85:50.86	129.61	3.7	10	62.5	318	.35	4.7	5.6
245	89- 9- 4	19:30:23.95	9:39.16	86: 8.51	41.58	3.5	20	86.3	291	.26	1.8	1.1
246	89- 9- 5	1:34:35.09	9:28.50	84:33.66	22.92	3.2	18	47.7	184	.21	.9	4.9
247	89- 9- 5	19:19: 8.66	9:41.11	82:34.45	37.09	3.2	7	90.1	290	.48	3.7	2.0
248	89- 9- 7	21:49:49.12	10:24.80	85:57.03	18.67	3.2	17	52.2	286	.23	2.0	.9
249	89- 9- 8	22:28: 7.40	11: 6.41	84:59.75	86.65	3.4	10	54.6	290	.28	3.3	3.5
250	89- 9- 9	11:31: 3.02	9: .37	82:42.87	6.46	3.0	11	64.0	266	.24	2.3	3.4
251	89- 9-10	12:42:14.51	10: 1.69	86:25.42	18.10	3.8	20	97.2	296	.38	2.0	3.0
252	89- 9-12	1: 9:31.09	8:29.60	82:55.15	16.38	3.1	16	17.6	231	.17	1.2	.7
253	89- 9-13	11:27:36.09	10:17.98	84:11.78	102.22	3.3	10	31.9	240	.22	2.4	2.6
254	89- 9-13	14:13:29.60	10:35.11	85:23.99	9.50	3.8	6	23.0	166	.04	1.2	1.8
255	89- 9-18	9:28: 1.33	11: 4.22	82:48.33	40.09	3.8	8	186.4	334	.15	7.9	12.1
256	89- 9-19	4:41:20.52	9:34.76	85:12.36	16.78	3.3	6	17.6	274	.14	3.9	1.0
257	89- 9-21	19:10:16.34	9:42.32	85:52.24	49.07	3.2	4	62.0	294	.01	3.7	4.6
258	89- 9-21	23: 6:33.21	10: 4.09	83:58.28	107.03	3.6	10	16.6	215	.17	2.1	1.5
259	89- 9-22	18: 6: 9.80	9: 7.30	82:31.80	42.32	3.5	10	35.5	286	.30	5.0	2.2
260	89- 9-23	13:28: 4.27	8:39.26	82:46.98	41.89	3.5	7	27.0	290	.27	9.0	1.0
261	89- 9-25	7:59:15.88	9: 1.29	84:12.36	33.43	3.3	9	76.6	213	.29	1.3	2.2
262	89- 9-27	22:56:20.26	8:23.00	82:49.30	37.34	3.9	10	57.5	303	.19	1.9	1.3
263	89- 9-28	14: 9:31.71	9:35.39	84: .43	60.81	3.2	11	26.8	148	.31	1.8	3.1
264	89- 9-29	17:25:23.15	9:49.70	83:58.68	20.57	3.0	18	26.5	161	.25	.6	.6
265	89- 9-30	5:25:32.34	8:43.71	82:57.85	58.84	3.3	12	29.2	151	.33	1.6	2.1
266	89- 9-30	8:22:28.50	8:50.49	84: 8.25	30.17	3.4	11	62.5	246	.31	1.6	2.1
267	89- 9-30	23:15:28.56	8:47.64	83:30.34	21.04	3.1	13	35.5	129	.42	1.1	1.8
268	89-10- 1	0: 1:40.01	8:46.68	83:30.48	26.42	3.1	13	37.0	133	.31	1.0	2.6
269	89-10- 1	5:49:31.92	8:44.80	83:32.22	21.43	3.1	13	36.8	142	.26	1.0	2.7
270	89-10- 3	2:12:34.10	8:11.58	82:49.27	39.20	3.3	14	39.2	293	.22	2.5	.6
271	89-10- 4	7:10:11.29	10:40.08	85:41.29	43.11	3.5	8	36.5	264	.29	3.6	1.0
272	89-10- 5	0: 5:54.37	8:10.22	82:46.36	30.56	3.1	8	44.7	312	.27	2.2	1.2
273	89-10- 5	9: 7:28.28	10:39.40	84:52.05	138.73	3.5	8	41.7	268	.36	4.5	2.7
274	89-10- 5	14: 0: 3.67	10:45.67	85:28.74	84.23	3.2	4	11.4	246	.16	7.4	12.1
275	89-10- 7	22:48:28.63	9:19.07	84: .53	55.05	3.6	11	16.6	179	.36	2.3	3.4
276	89-10- 8	1:54: 4.86	11:10.12	85:33.76	166.36	3.8	8	46.5	326	.24	5.5	2.4
277	89-10-10	9: 6:54.11	8:30.13	82:58.08	15.47	3.1	13	13.1	214	.28	1.7	1.4
278	89-10-10	14:54:23.92	10:48.45	84:55.72	127.96	3.2	8	49.2	275	.36	4.9	3.0
279	89-10-13	20:56:21.93	8:15.71	82:51.14	33.12	3.7	13	31.4	303	.35	2.4	1.0
280	89-10-15	11: 5:58.85	8:39.88	82:51.89	25.51	3.1	6	28.3	199	.21	.9	2.6
281	89-10-15	21:56:21.70	8:16.42	82:48.31	34.08	3.1	11	34.8	299	.22	1.7	.8
282	89-10-17	8:36:27.69	9: 6.58	84:41.17	36.89	3.2	16	69.0	214	.29	2.0	1.3
283	89-10-18	18:40: .23	9:26.68	85:55.08	37.24	3.2	8	89.6	294	.27	2.9	1.4
284	89-10-19	2:44:16.55	10: 6.35	84: 4.53	84.43	3.1	14	10.2	212	.22	1.5	1.6
285	89-10-19	8:49:33.06	10:33.10	85:58.05	27.86	3.8	7	63.2	292	.20	7.9	1.9
286	89-10-19	9:37:40.55	8:55.64	84:45.29	36.48	3.4	6	86.5	262	.06	2.1	.8
287	89-10-19	10:20:25.05	8:58.76	84:48.45	37.65	3.6	10	86.6	231	.28	2.0	1.3
288	89-10-19	10:49: 7.88	8:58.12	84:48.88	38.00	3.7	10	87.4	233	.23	1.9	1.2
289	89-10-19	19:34:59.87	8:52.14	84:52.68	33.93	3.2	15	95.8	230	.21	1.1	.9
290	89-10-19	20:42:28.96	8:52.44	84:53.68	36.44	3.7	14	94.8	231	.26	2.0	1.2
291	89-10-19	22:44:49.43	9: .50	84:47.07	18.46	3.0	13	84.0	243	.32	1.5	2.3
292	89-10-19	23:59:44.71	8:55.42	84:50.98	40.18	3.6	17	90.8	226	.20	1.1	.8
293	89-10-20	11:30:26.97	10: 9.48	84:14.21	86.35	3.1	16	19.9	194	.21	1.9	1.5
294	89-10-20	13:38: 5.74	9: .10	84:45.95	29.50	3.5	19	82.7	227	.29	1.5	2.6
295	89-10-20	22:20:30.11	8:59.23	84:49.88	38.55	4.0	20	84.8	237	.26	1.8	1.0
296	89-10-21	22:54:50.88	9:44.84	86: .25	29.24	3.4	12	68.1	296	.31	3.8	1.5
297	89-10-22	17:17:47.93	9:18.49	85:40.99	37.36	3.6	17	77.2	272	.28	1.7	.8
298	89-10-24	10:28:18.29	8:58.70	84:50.81	27.30	3.0	14	85.2	224	.30	3.2	4.6
299	89-10-24	17:50:13.24	9:15.98	83:47.58	51.07	3.6	21	32.2	150	.36	1.4	1.9
300	89-10-24	19:30: 6.57	10:49.76	85:27.41	112.41	3.1	7	9.6	288	.32	2.7	3.9

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	No	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
301	89-10-27	21:41: 9.40	10:20.36	86:22.52	36.85	3.4	9	92.7	308	.07	1.5	.7
302	89-10-28	4:20:59.92	9:56.84	86:31.88	4.31	3.4	10	110.4	311	.27	4.9	3.6
303	89-10-28	18:25:12.75	10:42.60	86:22.91	44.24	3.7	9	109.7	317	.23	2.3	21.7
304	89-10-29	3:41:38.06	8:14.07	82:50.68	19.33	3.1	11	34.0	306	.27	2.2	1.0
305	89-10-31	1:12:43.65	8:58.99	83: 1.91	20.41	3.0	16	29.6	152	.29	.9	1.1
306	89-10-31	10:59:10.64	9:36.83	83:32.42	18.43	3.0	16	25.6	183	.28	1.1	1.4
307	89-11- 2	4: 4:44.71	9:21.11	82:47.73	27.54	3.3	11	50.8	237	.21	1.1	1.9
308	89-11- 2	16:56:46.01	8:22.82	82:48.15	29.00	3.2	16	30.4	280	.17	1.4	.6
309	89-11- 3	1: 2:57.26	8:37.75	82:57.91	33.95	3.2	13	23.6	173	.23	1.1	.8
310	89-11- 4	19:44:10.53	9:35.52	84:53.14	26.68	3.2	24	26.8	188	.25	.8	1.3
311	89-11- 4	19:46:42.84	9:35.34	84:53.14	26.51	3.1	23	26.9	189	.30	1.0	1.8
312	89-11- 5	22:36:39.69	9:26.30	84: 9.22	45.88	3.3	14	4.6	137	.32	1.5	2.4
313	89-11- 6	1:50:44.33	9:22.99	84:41.09	34.48	3.2	16	58.0	221	.18	1.1	2.5
314	89-11- 6	8:17:36.83	10:54.15	86: 8.26	22.99	3.5	12	83.8	317	.40	2.3	2.9
315	89-11- 6	8:59:45.29	10:38.09	85:48.37	40.71	3.2	10	49.9	278	.33	2.8	.9
316	89-11- 6	10:20:23.05	10:30.18	84:15.61	105.16	3.1	11	55.5	253	.24	3.5	2.4
317	89-11- 6	13:27:52.35	9:44.74	84:11.22	56.99	4.0	21	29.7	97	.23	1.1	1.1
318	89-11- 6	21:27:10.07	9:12.11	82:51.75	6.83	3.2	16	35.8	214	.28	1.3	2.9
319	89-11- 7	0:56:39.00	9:36.56	84:11.77	43.02	3.4	14	24.0	113	.27	1.2	.8
320	89-11- 7	17: 9:37.21	8:10.67	82:56.82	32.23	3.6	15	32.5	303	.27	2.0	.9
321	89-11- 8	4:46:13.24	9:49.05	84:23.94	51.40	3.6	22	28.7	114	.27	.8	1.7
322	89-11- 8	9: 2:49.50	10:16.69	85: 9.97	53.18	3.1	16	23.4	108	.21	.9	1.4
323	89-11- 9	14:37:43.60	9: 2.02	84:10.44	34.76	3.0	10	41.4	212	.30	2.0	2.9
324	89-11-10	7: 0:15.86	9:21.60	84:38.28	39.35	3.0	12	55.7	222	.30	1.7	1.5
325	89-11-10	21:17:46.01	10: 6.77	84:13.16	86.40	3.2	15	15.0	189	.30	1.8	1.7
326	89-11-12	10:27:32.67	9:12.34	84:49.54	26.70	3.1	14	63.0	234	.30	1.7	3.5
327	89-11-13	2:18:25.25	9:14.05	84:53.14	36.79	3.2	13	57.2	259	.21	1.7	.8
328	89-11-13	4:35:44.41	10: .18	86:13.65	40.56	3.9	11	76.6	301	.20	1.8	.9
329	89-11-14	21:59:26.98	9:35.53	83:32.68	17.67	3.0	17	24.6	173	.31	1.1	1.7
330	89-11-15	6:10:10.36	9:36.06	83:34.06	15.77	3.2	20	22.3	172	.29	1.2	.9
331	89-11-15	12:57:47.22	8:19.31	82:49.37	28.88	3.5	12	30.5	291	.28	2.5	.9
332	89-11-16	10:10:40.91	8:16.66	82:48.65	25.06	3.5	18	34.0	299	.24	1.8	.7
333	89-11-16	10:18:58.56	9:16.46	84:50.34	23.28	3.2	15	55.7	222	.24	1.3	2.0
334	89-11-16	18:43: 8.04	8:17.62	82:49.62	31.31	3.7	20	31.6	296	.34	1.9	.8
335	89-11-17	21:18:30.46	10:32.55	85:55.15	.02	3.1	13	58.7	288	.43	4.0	6.0
336	89-11-18	10:55:45.91	8:27.10	83: 7.13	20.04	3.3	14	5.3	204	.27	1.6	1.3
337	89-11-21	6:43: 7.94	8:46.37	83: 4.73	52.74	3.2	19	36.6	124	.25	1.4	2.0
338	89-11-21	10:29:42.33	7:59.36	82:39.61	33.11	3.9	15	67.8	321	.26	1.8	.8
339	89-11-24	0: 6:59.08	10:11.28	84:19.51	83.67	3.3	20	29.2	176	.22	1.2	1.4
340	89-11-24	3:29:18.24	11: 2.17	84:26.05	27.96	3.2	18	97.6	257	.24	1.1	1.4
341	89-11-24	9: 2:54.22	10:31.21	85:21.36	55.08	3.0	14	30.2	148	.23	1.0	1.8
342	89-11-24	12:36:27.26	8:19.62	82:50.36	30.06	3.5	17	28.6	290	.14	1.0	.5
343	89-11-24	13:57:20.54	11: 2.78	85:51.24	59.50	3.5	6	59.2	317	.12	4.0	1.2
344	89-11-25	3:10:28.09	8:15.65	82:50.28	29.55	3.2	11	32.7	303	.30	2.2	1.1
345	89-11-25	11:26:19.91	8:35.86	84: 5.09	33.55	3.6	11	89.7	259	.22	1.8	1.3
346	89-11-26	1:31:21.52	10: 8.83	84: 8.80	92.66	3.1	19	14.1	205	.22	2.1	1.4
347	89-11-26	1:48:39.37	8:59.36	83: 2.71	22.29	3.3	21	28.1	148	.29	1.1	1.2
348	89-11-27	7:36: 7.09	9:35.47	84:54.12	24.17	3.2	20	25.3	191	.24	1.1	1.7
349	89-11-27	7:42:52.40	9:35.22	84:55.09	25.18	3.7	19	24.0	195	.27	1.2	1.8
350	89-11-27	9:34:47.55	9:35.45	84:55.41	26.31	3.5	20	23.2	193	.25	1.1	1.6
351	89-11-28	3:46:17.33	10:23.82	83:10.29	27.79	3.1	19	92.6	265	.29	2.1	1.5
352	89-11-29	7:43:30.26	8:12.16	82:48.71	32.12	3.6	16	39.2	309	.29	1.8	.8
353	89-11-30	2:20:18.85	10:35.74	85:47.30	31.01	3.5	11	49.7	273	.30	4.9	1.4
354	89-11-30	4:34:28.23	10:32.05	85:21.53	13.15	3.4	13	28.6	149	.28	.9	2.1
355	89-11-30	6: 3:11.03	8:13.11	82:49.51	32.46	3.5	18	36.9	299	.32	1.7	.9
356	89-12- 1	21:24:55.01	10:34.05	85:34.10	11.16	3.2	13	32.4	222	.24	1.1	1.5
357	89-12- 2	14:25:40.49	8:30.92	82:55.83	16.38	3.0	15	17.4	220	.27	1.7	1.0
358	89-12- 2	19:50:30.51	10:12.34	84: 7.86	84.00	3.4	23	20.3	198	.26	1.7	1.3
359	89-12- 5	14: 6:34.91	9:15.12	85:17.04	41.23	3.4	13	53.8	263	.15	2.3	.6
360	89-12- 6	2: 5:52.03	10: 7.53	83:56.94	98.11	3.3	11	18.3	242	.18	2.8	2.2