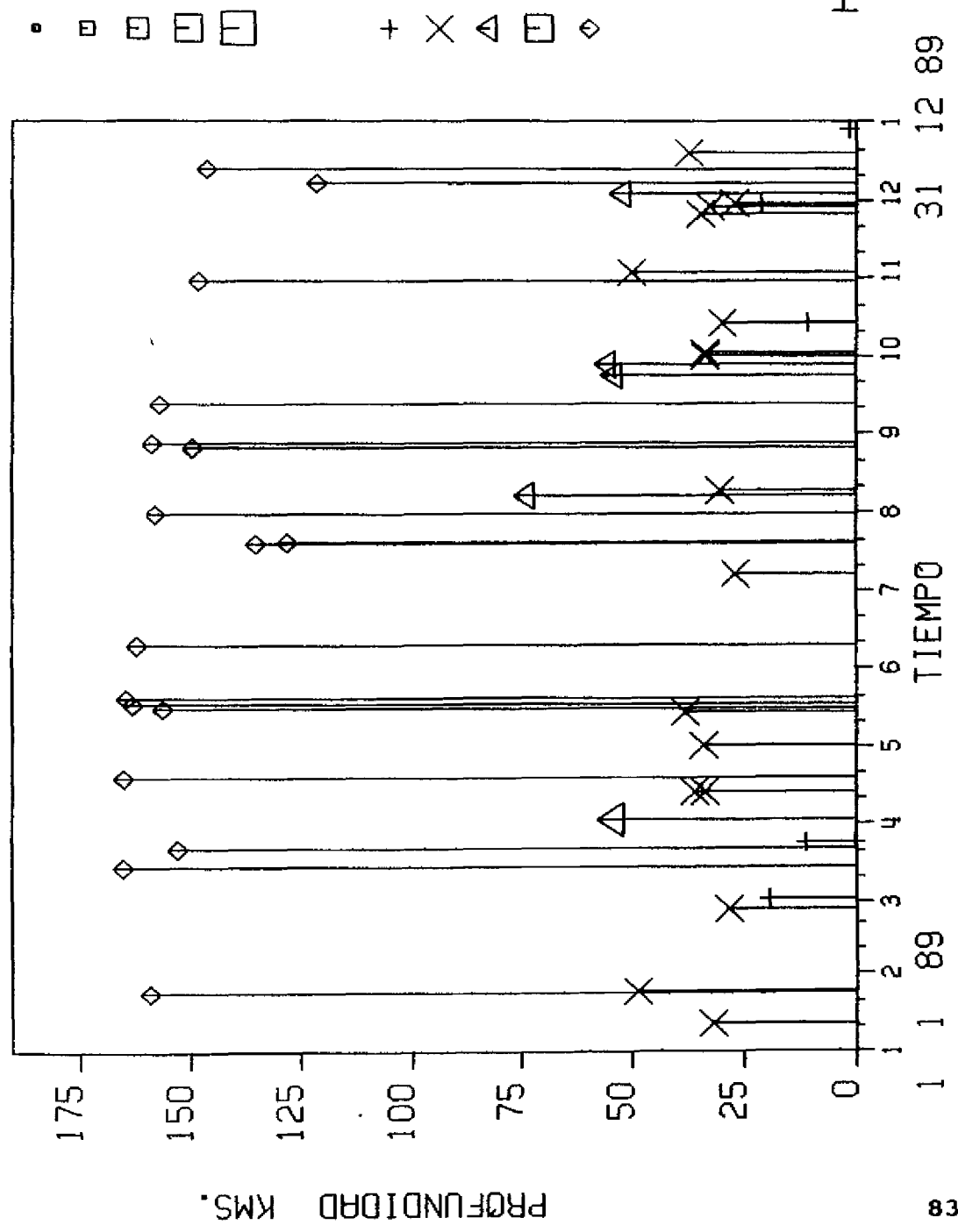


GRAFICO III-15
 DIAGRAMA DE LA PROFUNDIDAD VERSUS TIEMPO
 (TODAS PROFUNDIDADES. M ≥ 4.0. 1989)

MAGNITUD
 1.0- 1.9
 2.0- 2.9
 3.0- 3.9
 4.0- 4.9
 5.0- 8.0

PROFUNDIDAD
 0.- 24.9
 25.- 49.9
 50.- 74.9
 75.- 99.9
 100.- 249.9



III. SISMICIDAD DE COSTA RICA ENE-DIC 1989.

SEISMICITY OF COSTA RICA JAN-DEC 1989.

C. Listado de eventos locales, $M < 3.0$.

Local Event Listing, $M < 3.0$.

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	3:10: 6.29	9:40.31	84:54.92	21.10	2.6	18	20.9	170	.19	1.0	1.1
2	89- 1- 1	7:13:55.36	10:21.55	85:48.32	15.14	2.8	12	35.7	271	.27	2.5	1.6
3	89- 1- 1	21:12:18.15	10:11.63	85:43.42	21.71	2.6	9	19.6	261	.20	1.4	1.3
4	89- 1- 2	2: 9:44.36	10: 3.75	84:20.31	14.96	2.1	9	15.9	142	.13	.9	2.5
5	89- 1- 2	2:41: 5.62	9:28.14	84:18.51	35.82	2.3	12	20.6	177	.31	1.2	2.1
6	89- 1- 2	14: 1: 1.45	8:41.69	83:35.32	32.98	2.8	13	49.8	207	.28	1.5	.9
7	89- 1- 3	10:13:31.62	9:29.97	83:39.01	17.27	2.4	16	14.1	169	.26	1.0	1.1
8	89- 1- 3	18:54:41.03	9:31.33	84: .85	52.46	2.7	17	18.5	86	.25	1.1	1.3
9	89- 1- 4	4:56: 5.71	9:36.73	84:54.92	25.20	2.6	16	22.9	191	.26	1.2	1.9
10	89- 1- 4	6: 9:47.59	10:10.52	84: 7.45	94.36	3.0	14	16.9	213	.26	2.3	1.7
11	89- 1- 4	14:22:57.89	9:17.40	85: 9.56	12.25	2.5	9	46.2	258	.34	2.5	8.3
12	89- 1- 4	18:17: .35	9:28.50	83:53.83	26.34	2.1	9	17.0	127	.19	.8	1.3
13	89- 1- 5	4: 3: 5.47	9:37.09	83:46.80	7.15	2.2	12	7.2	158	.27	1.0	.8
14	89- 1- 5	14:35:58.30	9:18.33	84: 9.37	29.26	2.5	14	11.2	221	.22	.9	.9
15	89- 1- 6	0:15:32.06	9:35.82	84:15.51	44.85	2.3	12	25.6	169	.17	.8	1.4
16	89- 1- 6	13:38:14.60	9:50.00	84: 9.44	5.12	2.1	13	21.6	136	.25	.6	.8
17	89- 1- 7	7:14:25.81	9:58.28	85:15.29	30.80	2.4	10	34.3	153	.24	.9	2.2
18	89- 1- 7	7:23:19.25	8:23.56	83: 3.48	38.88	2.9	8	5.8	327	.23	8.5	1.3
19	89- 1- 9	18:30:27.03	9:32.76	83:23.67	43.41	2.3	13	40.7	212	.37	3.2	3.5
20	89- 1-10	3:35:35.05	9:45.24	83: 2.53	.03	2.4	10	82.3	257	.22	2.4	4.0
21	89- 1-10	8:17:41.19	9:32.82	84: 5.37	45.19	2.4	7	35.5	224	.08	1.9	4.3
22	89- 1-11	7:20: 5.10	9:45.67	83:47.59	13.49	2.3	13	25.8	171	.29	1.1	2.4
23	89- 1-12	1:29:55.34	9:34.76	83:37.30	16.70	2.8	17	16.1	183	.30	1.1	.9
24	89- 1-12	1:41: 6.49	9:37.04	83:35.66	2.95	2.2	11	20.0	193	.20	.7	1.0
25	89- 1-12	6:59:52.29	8:43.66	83:19.85	25.62	2.8	12	34.5	178	.17	2.7	1.7
26	89- 1-12	12:49: 7.28	9:39.55	83:47.83	10.22	2.2	13	12.1	158	.17	.9	1.4
27	89- 1-13	10: 2:53.46	11: .44	84:22.07	24.55	2.9	16	102.1	282	.21	1.2	1.8
28	89- 1-14	8:24:52.24	9:10.72	84: 4.45	27.75	2.7	17	25.8	197	.25	1.3	1.9
29	89- 1-14	16:10:29.35	10: 5.16	84: 9.43	78.80	3.0	20	8.2	159	.27	1.2	1.2
30	89- 1-14	18:35:16.80	9:11.17	84: 6.88	28.02	2.5	10	24.2	287	.28	2.1	1.7
31	89- 1-14	21:57:29.04	9:36.48	84:32.96	20.82	2.4	13	24.3	164	.25	.8	1.0
32	89- 1-14	22:25:43.53	10: 8.84	85:25.92	32.54	2.2	5	12.7	155	.02	1.4	1.8
33	89- 1-15	5:17:55.39	8:44.33	82:59.35	21.09	2.6	7	30.8	141	.21	3.7	5.4
34	89- 1-16	4:45:55.23	9:51.79	84:19.79	54.18	2.5	12	13.4	107	.14	.8	1.1
35	89- 1-16	5: 5: 6.35	9:28.40	83:38.69	18.68	2.3	10	16.1	158	.25	2.1	1.2
36	89- 1-17	14:33:55.82	9:44.31	84:42.60	22.63	2.6	15	30.4	145	.21	.6	2.0
37	89- 1-17	16:13:28.08	9:29.40	84:53.42	17.81	2.3	9	33.1	220	.27	1.6	2.9
38	89- 1-17	20:56:59.16	9: 8.87	83:53.28	30.98	3.0	15	39.0	186	.24	1.0	1.5
39	89- 1-18	3:23:11.68	9:28.29	84:41.78	.00	2.3	13	46.2	204	.35	1.4	1.5
40	89- 1-18	7: 4:49.72	9:29.25	83:35.34	16.08	2.3	6	20.8	324	.16	2.8	1.1
41	89- 1-18	9:30:32.90	10:23.19	85:16.35	49.03	2.4	9	36.6	120	.28	1.4	2.8
42	89- 1-18	21:41:20.06	9:48.88	84:30.77	43.82	2.3	14	9.9	122	.21	1.0	.7
43	89- 1-19	4: 6:58.56	9:11.57	83:53.93	25.01	2.3	11	34.7	209	.20	1.1	2.1
44	89- 1-19	12:20:56.10	9:56.43	83:17.49	15.15	2.9	19	66.5	230	.28	1.4	1.0
45	89- 1-19	21:15:16.62	8:14.61	82:48.91	30.78	2.3	4	35.9	305	.01	3.1	1.7
46	89- 1-20	2:37:42.32	9: 6.83	82:32.10	36.65	2.6	5	34.5	314	.18	1.9	4.1
47	89- 1-20	7:47:11.57	8:43.11	83:26.01	10.25	1.9	5	38.5	256	.02	1.2	11.0
48	89- 1-20	13:57:30.50	9:33.19	84:39.55	14.36	2.5	16	36.7	183	.22	.8	4.8
49	89- 1-22	2:46:40.39	9:57.41	84:34.01	9.63	2.3	13	4.7	124	.28	.9	1.3
50	89- 1-22	2:51:54.94	9:56.58	84:33.95	8.12	2.2	15	6.0	108	.24	.7	.5
51	89- 1-22	3:16:20.26	9:56.72	84:33.70	7.84	2.6	20	6.1	104	.24	.5	.6
52	89- 1-22	3:18: .06	10: .73	84:29.79	6.92	2.0	9	11.3	146	.29	1.1	.7
53	89- 1-22	3:59:10.50	9:57.42	84:33.02	7.71	2.1	12	6.1	102	.23	.6	.5
54	89- 1-22	4: 7:38.20	9:55.10	84:36.49	.95	2.0	9	7.8	121	.30	.8	1.5
55	89- 1-22	6:10:35.79	9:57.08	84:34.05	8.58	2.3	16	5.2	106	.20	.6	1.0
56	89- 1-22	6:18: 8.68	9:58.15	84:33.69	14.69	2.1	10	4.3	132	.31	1.1	1.4
57	89- 1-22	6:48:21.09	9:57.58	84:33.13	10.25	2.0	8	5.8	130	.21	.9	.9
58	89- 1-22	6:56: 9.99	9:56.03	84:34.62	8.67	2.6	22	6.3	106	.34	.7	1.7
59	89- 1-22	7:46:16.07	9:55.99	84:33.12	7.04	2.0	9	7.8	116	.25	1.0	.6
60	89- 1-22	7:52:26.91	9:56.81	84:34.77	8.08	2.3	11	4.9	109	.27	.9	.5

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	89-1-22	9:28:4.64	9:56.14	84:35.19	7.14	2.0	9	5.9	114	.21	1.1	.6
62	89-1-22	10:48:11.09	9:57.50	84:34.37	9.20	2.1	13	4.2	105	.25	.7	1.2
63	89-1-22	10:50:19.15	9:56.25	84:34.17	8.67	2.2	9	22.8	125	.24	.9	20.0
64	89-1-22	21:11:24.13	9:5.17	84:21.68	30.00	2.7	16	43.3	195	.20	1.0	1.8
65	89-1-22	22:15:33.02	8:14.38	82:44.35	12.57	2.5	7	43.0	303	.26	2.0	4.5
66	89-1-23	0:46:54.33	9:17.98	85:29.95	41.88	2.5	11	62.3	272	.10	1.7	.6
67	89-1-23	3:0:11.39	9:36.24	84:53.41	29.16	2.3	10	25.8	226	.19	1.6	2.0
68	89-1-23	4:29:29.90	8:45.17	82:56.92	22.47	2.1	6	26.2	150	.12	1.0	3.6
69	89-1-23	7:10:33.35	9:56.05	84:34.00	5.93	2.1	10	6.8	111	.16	.6	.5
70	89-1-23	7:36:46.85	9:41.89	84:54.93	26.92	2.6	10	20.6	192	.19	1.1	2.0
71	89-1-23	8:14:50.90	10:3.13	84:1.35	67.59	2.3	8	10.8	265	.28	3.4	2.5
72	89-1-23	10:2:26.93	8:44.73	82:57.67	40.23	2.9	14	27.8	148	.22	1.6	.7
73	89-1-23	11:22:10.95	9:56.11	84:34.20	8.45	2.6	13	6.5	106	.22	.8	1.5
74	89-1-23	20:24:41.37	9:56.23	84:33.60	7.55	2.1	10	4.3	113	.17	.9	.3
75	89-1-23	23:9:24.72	9:55.49	84:33.56	8.20	2.1	11	3.0	107	.18	.9	.3
76	89-1-23	23:17:9.97	9:56.61	84:32.82	6.77	2.0	10	4.7	126	.19	1.0	.6
77	89-1-23	23:50:2.30	9:36.45	84:9.39	27.14	2.2	11	22.9	118	.21	1.0	2.0
78	89-1-24	2:0:10.15	9:54.83	84:34.65	5.31	1.7	8	3.7	138	.20	.9	1.2
79	89-1-24	9:44:41.18	9:48.48	84:50.61	28.07	2.3	6	30.9	165	.07	1.5	3.5
80	89-1-24	12:0:9.57	9:30.61	84:31.25	19.38	2.7	22	32.7	178	.26	.7	1.0
81	89-1-24	18:27:43.49	9:51.26	85:15.92	22.11	2.5	10	24.6	185	.15	.8	2.0
82	89-1-25	16:4:31.39	10:4.04	84:9.17	77.17	2.8	10	6.3	185	.22	2.5	1.8
83	89-1-25	16:41:44.35	9:24.86	83:45.11	25.53	2.6	18	15.8	139	.38	1.2	2.0
84	89-1-27	5:24:30.22	9:45.95	83:51.64	12.45	2.3	11	23.0	166	.19	1.0	2.1
85	89-1-27	6:26:11.11	9:21.85	84:18.66	22.77	2.7	18	20.1	168	.25	1.0	1.7
86	89-1-27	16:17:5.37	9:12.90	83:52.65	27.68	2.4	11	35.0	200	.20	1.1	1.0
87	89-1-28	10:23:10.45	9:24.56	84:7.83	33.09	2.6	19	.7	89	.27	.8	.7
88	89-1-28	10:53:3.42	9:42.46	84:55.56	18.89	2.4	6	19.5	188	.05	1.3	2.7
89	89-1-28	11:31:4.67	9:19.84	83:50.93	52.98	2.9	21	26.6	146	.29	1.0	1.3
90	89-1-28	13:41:57.02	9:31.65	83:44.68	6.75	2.2	8	3.9	288	.07	1.5	.5
91	89-1-28	13:48:47.63	8:17.56	82:54.69	31.41	2.5	7	24.3	299	.18	1.8	.8
92	89-1-29	2:11:52.70	10:10.38	84:25.85	62.37	2.6	12	27.5	188	.26	2.2	1.7
93	89-1-30	5:14:54.09	8:15.36	83:10.24	5.12	2.9	9	23.6	294	.25	5.4	3.3
94	89-1-30	10:25:6.23	10:7.31	84:7.22	90.81	3.0	14	10.9	202	.23	2.1	1.6
95	89-1-30	21:33:.31	9:54.75	83:19.82	18.71	2.6	16	62.1	227	.32	1.5	1.6
96	89-1-30	23:7:5.32	9:35.33	83:51.03	22.78	2.5	15	37.2	128	.31	1.0	3.7
97	89-2-1	0:19:50.93	10:17.29	86:10.96	.05	2.8	9	71.0	299	.29	6.4	8.6
98	89-2-1	15:26:9.01	8:29.77	83:3.66	6.97	2.5	9	6.0	155	.22	2.2	2.2
99	89-2-1	23:50:11.38	8:27.39	83:5.34	18.98	2.9	12	2.5	164	.35	1.6	1.7
100	89-2-2	3:10:47.59	9:47.15	84:51.18	18.36	2.5	6	29.0	201	.13	1.1	2.8
101	89-2-2	3:34:45.22	9:11.86	83:49.80	55.50	2.7	16	40.3	120	.23	1.0	2.0
102	89-2-2	15:10:59.16	8:29.74	82:56.91	18.77	2.8	5	14.7	222	.14	1.4	1.4
103	89-2-2	19:18:5.13	9:18.40	84:8.77	23.15	3.0	20	10.9	138	.28	.8	1.3
104	89-2-3	15:15:31.94	9:55.66	85:25.23	20.97	2.7	10	29.5	207	.28	2.7	2.0
105	89-2-4	2:55:9.80	10:4.32	84:10.88	77.31	2.9	11	8.9	196	.30	4.3	2.7
106	89-2-4	5:56:27.27	9:40.07	84:53.74	21.49	2.8	15	23.1	171	.22	1.1	2.2
107	89-2-4	6:59:6.49	9:35.68	84:53.65	17.56	2.5	10	25.8	229	.28	2.1	1.5
108	89-2-4	9:8:25.60	9:11.99	83:51.82	25.68	2.7	13	37.2	174	.18	1.1	2.6
109	89-2-4	15:16:29.96	9:23.52	83:51.68	6.67	2.4	6	21.0	235	.28	2.6	1.5
110	89-2-4	16:3:40.75	9:40.20	84:55.13	21.24	2.2	7	20.5	204	.16	1.4	2.4
111	89-2-4	18:9:42.60	9:36.18	84:51.20	18.02	2.4	7	29.5	226	.24	1.6	1.8
112	89-2-5	0:5:59.22	9:37.29	83:41.97	3.09	2.2	7	10.4	254	.16	5.0	6.4
113	89-2-5	6:59:49.32	9:45.01	85:40.79	17.15	2.7	9	48.0	283	.29	2.1	1.9
114	89-2-5	8:17:46.32	9:27.50	84:32.77	26.72	2.4	12	45.8	197	.23	1.1	3.7
115	89-2-5	22:54:37.04	8:57.09	82:59.09	25.65	3.0	12	35.5	327	.28	2.9	1.2
116	89-2-6	2:20:11.14	10:9.50	84:24.11	75.66	2.6	10	28.6	233	.27	3.5	2.1
117	89-2-6	8:17:46.32	9:27.50	84:32.77	26.72	2.4	12	45.8	197	.23	1.1	3.7
118	89-2-6	8:49:31.13	9:19.00	84:28.35	36.61	2.6	11	38.5	227	.29	1.8	3.4
119	89-2-6	23:51:29.27	9:32.36	84:10.57	34.00	2.4	10	39.0	194	.13	1.0	2.2
120	89-2-7	12:24:19.32	9:53.29	83:19.67	17.47	2.7	16	60.6	231	.33	1.7	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
121	89- 2- 7	18:50:19.72	9:38.20	84: 3.24	57.53	2.5	11	27.4	94	.28	1.6	2.6
122	89- 2- 7	18:54:20.76	9:10.96	83:49.24	32.17	2.4	6	41.9	308	.16	1.7	3.2
123	89- 2- 7	20:39:32.76	10:28.35	85:31.65	51.49	2.6	10	34.6	200	.26	1.7	2.7
124	89- 2- 8	11: 0: 9.65	9:35.37	83:55.87	23.76	2.3	14	18.6	96	.29	.8	1.8
125	89- 2- 8	13:14:27.78	9:13.08	83:54.54	28.14	2.3	8	32.0	205	.11	.9	1.7
126	89- 2- 8	16: 8: .62	10:43.77	85:18.11	.20	2.8	14	10.8	168	.23	1.5	3.3
127	89- 2- 8	20:40:12.00	10:46.06	85:18.46	4.16	1.9	7	8.2	209	.17	7.3	9.1
128	89- 2- 9	1:16:29.13	9:32.53	84:50.82	22.86	2.2	6	33.2	202	.08	1.5	5.5
129	89- 2- 9	9:58:35.48	10:44.41	85:19.94	2.36	2.4	9	7.6	161	.24	4.8	8.9
130	89- 2- 9	11:38:18.28	10:52.19	85:14.84	3.26	2.8	9	16.8	253	.18	2.4	2.7
131	89- 2-10	1: 8:42.62	9:44.65	84:50.31	17.59	2.4	6	29.4	178	.11	1.1	3.5
132	89- 2-10	4:49:21.31	9:53.75	83:55.95	56.25	2.8	12	24.6	197	.22	1.8	1.4
133	89- 2-10	13:22:16.43	8:52.05	82:53.29	24.82	2.8	10	48.6	246	.29	1.8	2.7
134	89- 2-10	14:14: 1.51	8:32.86	82:51.04	32.14	2.6	8	26.9	287	.15	2.3	1.0
135	89- 2-11	8:39:43.84	9:40.45	84: 7.23	17.18	2.3	17	30.1	89	.34	.7	1.5
136	89- 2-11	11:57:44.37	9:33.39	83:37.32	5.70	2.0	10	15.8	194	.17	1.2	.6
137	89- 2-11	18:57: 5.92	9:30.59	83:55.11	23.14	2.2	13	17.5	117	.32	.9	1.7
138	89- 2-11	23: 9:30.60	9: 6.18	84: 7.24	13.19	2.3	14	33.4	239	.30	1.8	7.2
139	89- 2-12	5:24: 3.28	9:33.26	83:36.18	4.82	2.0	12	17.9	184	.27	1.2	1.3
140	89- 2-13	17:25:53.83	9:42.12	85: 2.27	16.27	2.4	11	7.2	189	.16	1.1	.9
141	89- 2-14	13:56: 5.96	9:32.25	83:38.40	15.36	2.5	13	13.9	175	.21	.9	1.0
142	89- 2-14	17:50:33.30	9:54.84	84: 9.63	69.54	2.5	12	13.1	101	.23	1.4	1.2
143	89- 2-15	7: 5:53.31	8:40.41	83:18.57	38.68	2.7	10	36.6	182	.23	7.9	2.8
144	89- 2-15	8:20:13.83	9:30.04	84:13.73	36.14	2.3	10	15.2	192	.14	.7	1.4
145	89- 2-17	5:24:17.47	9:13.97	83:54.44	21.07	2.6	10	31.1	285	.27	1.9	.8
146	89- 2-17	16:21:54.28	9:51.56	84:31.77	56.94	2.6	12	13.8	131	.26	1.3	1.5
147	89- 2-18	4:23:26.99	9:49.31	83:56.91	17.68	2.6	14	17.3	127	.26	.9	1.6
148	89- 2-18	4:51:19.47	9:11.32	83:49.38	45.19	2.1	11	41.2	200	.19	1.5	1.8
149	89- 2-18	6:28:41.70	9:42.10	85:11.19	18.20	2.3	10	9.1	233	.14	1.0	.8
150	89- 2-18	7:27:41.02	9:28.15	84:57.06	50.26	2.7	7	30.8	270	.22	3.3	2.5
151	89- 2-18	9:31:26.05	9:35.71	83:37.60	4.75	2.1	8	15.9	284	.30	2.2	1.3
152	89- 2-19	1:56:45.10	9:40.18	83:41.89	.03	2.2	10	14.7	180	.40	1.4	1.8
153	89- 2-19	3:16:59.29	9:26.75	84:39.90	18.99	2.5	15	46.4	207	.28	1.0	1.5
154	89- 2-19	5: 8:15.86	9:36.82	83:35.75	3.15	2.1	7	19.8	191	.19	1.8	2.4
155	89- 2-19	12:50:32.59	9:18.86	82:39.37	16.21	2.7	18	47.9	255	.30	1.4	1.8
156	89- 2-20	6:46: 5.37	9:33.95	83:33.60	18.05	2.8	15	22.6	169	.30	.9	1.3
157	89- 2-20	8:25:44.39	9:25.48	83:50.18	65.36	2.5	6	16.5	238	.09	2.7	1.2
158	89- 2-20	12:10:31.09	9:37.08	84:58.12	26.46	2.8	16	17.4	199	.17	.9	1.1
159	89- 2-20	12:55:57.57	9:39.94	84:10.16	51.34	2.4	11	29.5	101	.23	1.2	2.0
160	89- 2-20	13:45:46.84	10:10.34	85:19.40	22.06	2.7	9	24.5	113	.18	1.7	4.3
161	89- 2-20	17: 1:21.96	10: 2.09	85: 3.98	38.01	2.2	9	31.1	99	.16	.7	1.9
162	89- 2-20	19:40:36.85	8:54.96	83:18.88	50.95	2.8	19	13.6	98	.32	1.3	1.9
163	89- 2-21	3:18: 6.70	9:36.16	83:56.58	65.15	2.6	12	20.1	170	.19	1.6	1.6
164	89- 2-22	1:26:56.11	8:13.20	82:37.07	41.09	2.6	6	55.7	308	.36	3.4	1.5
165	89- 2-22	1:30:41.91	9:29.73	84:54.79	26.86	2.8	16	31.0	222	.26	1.2	2.7
166	89- 2-22	7:15: 7.16	8: 8.02	82:46.05	26.10	2.5	7	48.0	298	.34	2.6	5.7
167	89- 2-22	7:15:44.61	9:40.41	84:55.61	17.43	2.3	7	19.6	204	.05	.8	2.1
168	89- 2-22	8: 7:18.62	8:57.78	84:13.91	30.44	2.9	16	48.5	187	.30	1.2	2.0
169	89- 2-22	8:14:41.01	9:32.16	84:52.68	27.56	2.3	7	30.8	247	.28	2.1	4.1
170	89- 2-22	9:12:36.17	10:27.99	85: 6.18	66.66	2.8	10	25.6	238	.38	3.2	2.5
171	89- 2-22	15:44:10.99	8:51.95	82:53.57	31.59	2.5	8	15.1	128	.28	1.1	2.4
172	89- 2-23	21:10:39.63	8:28.37	83: 1.67	21.23	2.4	6	5.8	204	.03	1.8	1.8
173	89- 2-24	22:29:27.04	9:28.21	84:12.85	32.88	2.9	16	11.7	153	.29	.9	1.0
174	89- 2-26	12:31:41.41	9:38.88	84:13.22	11.05	2.5	14	28.9	114	.27	.7	7.4
175	89- 2-26	12:32:46.98	9:40.76	84:12.12	20.76	2.4	22	31.6	106	.25	.6	1.2
176	89- 2-26	12:36:44.69	9:39.57	84:12.04	14.07	2.5	20	29.5	108	.24	.5	1.7
177	89- 2-26	12:40:35.68	9:39.48	84:12.50	13.49	2.5	18	29.6	110	.23	.5	4.0
178	89- 2-26	12:47:57.60	9:40.29	84:12.14	14.61	3.0	23	30.8	107	.27	.6	1.5
179	89- 2-26	13:26:58.43	9:39.64	84:12.40	12.11	2.6	17	29.8	109	.31	.7	4.4
180	89- 2-26	13:37:12.00	9:39.32	84:12.46	8.35	2.3	11	29.2	110	.24	.9	23.5

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
181	89- 2-26	13:46:33.62	9:40.03	84:11.44	7.44	2.0	12	30.1	106	.25	.7	2.2
182	89- 2-26	13:48:27.63	9:40.05	84:12.82	13.87	2.4	16	30.7	110	.23	.7	1.8
183	89- 2-26	13:50:49.44	9:42.05	84:12.29	10.01	2.2	6	34.0	105	.37	2.1	26.4
184	89- 2-26	13:52: 5.16	9:39.62	84:12.53	5.67	2.4	16	29.8	110	.30	.7	1.3
185	89- 2-26	14:21:10.00	9:40.13	84:12.08	8.64	2.4	13	30.5	108	.22	.6	19.6
186	89- 2-26	14:43:34.68	9:39.63	84:12.26	13.96	2.3	15	29.7	109	.27	.7	4.3
187	89- 2-26	14:45:17.76	9:39.96	84:11.67	16.49	2.3	12	30.0	107	.21	.7	1.8
188	89- 2-26	15:29:34.56	9:39.75	84:12.19	14.85	2.2	14	29.9	109	.28	.7	2.0
189	89- 2-26	16:41:30.00	9:40.08	84:11.87	12.02	2.3	10	30.3	107	.19	.7	7.1
190	89- 2-26	17: 9:28.07	9:40.11	84:12.64	13.92	2.2	8	30.8	110	.20	1.1	3.0
191	89- 2-26	18: 0:23.69	9:40.10	84:11.99	11.20	2.2	10	30.4	108	.28	.9	9.4
192	89- 2-26	22: 2:19.80	9:39.18	84:13.28	13.75	2.8	20	14.2	114	.28	.8	1.8
193	89- 2-26	22:52:36.02	9:39.75	84:11.80	15.43	2.8	22	11.9	107	.31	.8	1.3
194	89- 2-26	23:59:37.88	9:40.05	84:12.83	10.38	2.0	13	13.8	110	.25	.9	2.8
195	89- 2-27	0:59:43.60	9:41.57	84:11.13	15.38	2.2	15	12.2	63	.34	.9	1.6
196	89- 2-27	4:33: 7.36	9:39.64	84:11.64	14.11	2.0	12	11.5	107	.28	1.0	1.8
197	89- 2-27	6:14:53.37	9:39.47	84:12.61	13.38	2.4	19	13.1	110	.32	.8	2.1
198	89- 2-27	7: 7:32.66	9:39.46	84:11.90	10.41	2.1	14	11.9	146	.24	1.0	2.0
199	89- 2-27	7:36:29.23	9:40.65	84: 9.63	11.38	1.9	7	9.3	198	.28	3.3	3.1
200	89- 2-27	7:47:30.79	9:39.36	84:13.32	12.15	2.0	15	14.3	113	.35	1.0	2.7
201	89- 2-27	8:51:22.80	9:41.33	84: 8.97	9.01	1.9	7	9.3	180	.27	2.6	4.6
202	89- 2-27	8:59:54.56	9:41.08	84: 9.79	20.16	2.9	22	10.0	66	.35	.7	.8
203	89- 2-27	9:32:13.31	9:40.07	84:12.01	16.13	2.2	12	12.4	108	.33	1.0	1.3
204	89- 2-27	9:39: .58	9:39.85	84:12.01	12.99	2.1	13	12.3	145	.29	1.1	2.1
205	89- 2-27	10:18:15.39	9:39.46	84:11.02	13.30	2.0	10	10.4	142	.23	1.1	1.4
206	89- 2-27	12:29:54.92	9:40.30	84:11.62	10.99	2.3	16	11.9	105	.26	.9	1.7
207	89- 2-27	17:20:14.90	9:40.18	84:10.84	20.85	2.0	12	30.1	103	.19	1.1	2.2
208	89- 2-27	18:18:53.91	9:40.78	84:11.52	17.67	2.2	10	31.5	105	.28	1.0	1.7
209	89- 2-27	23:44:26.17	9:32.54	84: 4.18	20.78	2.4	16	17.0	81	.30	.7	.9
210	89- 2-28	9:35:33.13	9:42.22	84:12.12	23.05	2.3	16	34.3	103	.26	.7	1.7
211	89- 2-28	14:39:59.86	9:52.18	84:18.73	13.38	2.1	10	27.4	138	.21	1.0	6.3
212	89- 2-28	15: 7:23.21	8:33.19	83: 2.13	8.06	2.5	7	12.8	160	.16	6.5	8.9
213	89- 2-28	15:41:58.27	9:40.01	84:12.15	14.50	2.5	15	40.8	148	.27	.9	2.8
214	89- 2-28	15:46:31.32	9:16.79	82:39.36	8.12	2.8	12	44.2	255	.19	1.9	1.9
215	89- 3- 1	8:26:48.99	8:30.82	82:56.87	6.71	2.2	5	15.6	216	.15	9.9	11.6
216	89- 3- 1	10:21:33.56	8:18.71	82:54.04	29.60	2.5	7	23.7	296	.24	3.0	1.2
217	89- 3- 1	20:42:45.61	9:40.11	84:13.32	18.00	2.7	25	26.1	112	.30	.6	1.0
218	89- 3- 1	23:19:23.24	9:39.02	84:12.82	17.53	2.4	16	28.0	112	.29	.8	1.2
219	89- 3- 2	5:54:42.49	9:37.77	84:14.12	14.50	2.1	13	27.5	160	.33	1.4	2.2
220	89- 3- 2	9:11:59.77	9:40.48	84:11.76	23.11	2.8	25	28.3	106	.26	.6	.9
221	89- 3- 2	23:27:49.80	9:37.56	84:52.92	21.27	2.4	9	25.6	184	.24	2.2	4.9
222	89- 3- 3	5:12:16.71	9:11.67	83:52.38	25.36	2.7	18	36.8	131	.27	.8	1.6
223	89- 3- 3	6:30: 9.79	9: 6.87	83:54.16	27.49	2.7	17	40.8	147	.21	.7	2.0
224	89- 3- 3	20: 6:24.91	9:41.15	84:52.23	18.32	2.6	13	25.6	163	.26	.9	1.4
225	89- 3- 3	23:16:34.87	9:40.44	84:11.70	22.64	2.8	22	30.9	105	.26	.6	1.2
226	89- 3- 5	17:38:17.22	9:40.28	84:12.02	10.61	2.3	13	30.8	107	.26	.7	9.5
227	89- 3- 6	7: 2: 5.04	9:49.72	83:40.72	8.47	2.1	7	28.6	254	.25	3.3	23.2
228	89- 3- 6	10:30: 3.48	9:57.42	85:20.29	24.33	2.8	11	32.3	178	.20	.9	1.8
229	89- 3- 6	13:54: 6.96	8:15.42	82:56.58	9.87	2.5	8	25.1	282	.21	2.1	3.3
230	89- 3- 6	21:46:37.20	9:42.60	85: 1.91	7.68	2.8	13	56.9	201	.20	1.1	4.2
231	89- 3- 7	1: 4:55.75	8:58.21	83:55.56	16.86	2.3	10	29.2	168	.13	.7	1.3
232	89- 3- 7	4:41:23.87	9:51.94	84:19.04	13.44	2.2	7	28.1	175	.19	1.4	6.8
233	89- 3- 7	5:31:28.99	9:49.73	84: 5.95	28.16	2.3	5	21.7	159	.08	2.4	5.0
234	89- 3- 7	8:47:53.02	9:31.86	84:11.62	41.44	2.3	11	15.8	162	.25	1.2	1.5
235	89- 3- 7	22:25: 5.20	9: 9.07	83:55.49	27.05	2.4	11	36.1	149	.15	.8	2.3
236	89- 3- 8	5:48:12.25	9:24.36	83:47.80	3.79	2.2	7	16.9	207	.34	3.1	2.3
237	89- 3- 8	6:54: 6.11	9:36.55	84: 9.95	51.05	2.3	9	23.2	142	.29	1.4	2.9
238	89- 3- 8	9:57:52.40	9:59.12	85:16.90	29.06	2.5	8	35.1	157	.14	.7	2.3
239	89- 3- 8	11: 3:21.10	9:39.51	84:54.89	23.04	2.7	15	21.2	175	.29	1.0	2.2
240	89- 3- 8	23:35:49.41	9: 1.70	84:11.23	18.24	3.0	13	42.1	172	.28	1.1	1.3

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- 3- 9	4: 3:32.56	9:27.36	84:28.57	7.42	2.4	8	38.2	183	.13	.9	1.7
242	89- 3- 9	5:33:39.23	9:39.75	84:12.71	12.40	2.4	12	30.1	110	.21	.7	4.9
243	89- 3-10	12:29:57.78	10: 7.33	85:28.14	26.98	2.8	13	9.6	159	.24	1.0	1.4
244	89- 3-10	14:22:34.40	9:39.60	84:11.51	13.87	2.7	13	29.3	106	.18	.6	4.7
245	89- 3-10	14:44:41.28	9:41.19	84: 8.94	38.75	2.4	8	31.6	104	.25	1.4	1.7
246	89- 3-11	3:40:55.79	9:49.98	84: 3.10	76.02	2.9	11	22.4	143	.14	1.1	1.3
247	89- 3-11	5: 3:17.67	9: .88	84: 2.89	38.50	2.7	11	38.8	155	.19	1.1	.7
248	89- 3-11	8: 8:27.95	9:41.30	84: 6.61	43.83	2.3	5	37.3	160	.08	2.2	5.0
249	89- 3-11	9:34:16.23	8:10.58	83:57.94	28.11	2.7	6	60.7	297	.14	2.5	7.4
250	89- 3-11	20:14:33.44	9:32.61	84:50.24	20.59	2.4	9	34.0	237	.22	2.1	1.5
251	89- 3-12	4:33:28.16	9:36.42	84: 4.81	24.36	2.8	15	23.4	81	.29	.9	1.9
252	89- 3-12	7: 6:55.29	8:43.42	82:59.94	30.15	2.6	9	32.1	142	.33	1.1	1.5
253	89- 3-12	11:56:43.85	8:32.86	83: .92	43.40	2.8	11	13.1	173	.26	6.3	3.5
254	89- 3-12	12: 3:32.40	9:39.27	84:11.64	18.13	2.1	7	28.7	107	.17	1.0	3.1
255	89- 3-12	12:50:46.17	9:37.13	84: 9.77	36.31	2.7	12	24.2	104	.21	.8	1.8
256	89- 3-12	14:56: 6.47	9:11.65	84: 3.21	21.56	3.0	21	24.8	138	.29	.9	1.8
257	89- 3-13	13:34:24.52	8:34.87	82:55.48	45.62	2.7	7	22.2	265	.15	1.6	1.8
258	89- 3-14	7:42:31.77	10:46.42	85:18.53	9.11	3.0	13	7.8	195	.32	1.5	2.4
259	89- 3-14	8:51:26.63	10:44.11	85:17.96	2.66	2.7	12	10.7	173	.25	2.5	4.6
260	89- 3-14	17:59:42.24	9:36.20	84:43.57	23.62	2.6	12	42.8	193	.28	1.2	3.7
261	89- 3-15	7:57:21.45	10:21.48	85:48.50	4.33	2.6	8	36.0	271	.14	2.3	1.3
262	89- 3-15	11:50:23.20	9:40.58	84:13.34	14.09	2.7	15	32.0	110	.23	.7	1.9
263	89- 3-16	6:33: 2.02	9:19.94	83:44.17	31.99	2.7	17	25.0	121	.34	1.2	.9
264	89- 3-16	15:49: 2.30	9:33.55	84:47.61	14.66	2.5	7	37.5	192	.12	1.2	5.8
265	89- 3-16	20:50: 4.62	9:16.28	84: 7.04	29.66	2.7	12	14.7	221	.19	1.1	.9
266	89- 3-16	22:40:22.84	9:34.77	83:37.84	6.57	2.6	12	15.1	182	.24	1.1	.8
267	89- 3-17	0:45:58.53	9:36.82	83:42.69	3.52	1.9	6	8.9	171	.03	2.2	2.5
268	89- 3-17	9:27:13.25	10:21.68	85:44.29	20.24	2.6	6	30.5	263	.12	2.3	1.1
269	89- 3-17	10:15:34.24	9:14.11	84: 9.95	26.82	2.7	8	19.1	221	.29	1.7	2.6
270	89- 3-17	18:47:53.82	9:43.85	84:56.29	20.30	2.3	9	18.4	184	.11	.6	.8
271	89- 3-17	23:24:16.26	9:29.11	83:37.59	6.46	2.4	7	17.1	171	.14	1.1	.8
272	89- 3-18	17:12:15.42	8:18.92	82:48.16	19.31	2.9	11	32.8	287	.29	2.6	1.1
273	89- 3-19	7:40:26.31	9:18.19	84:40.01	28.11	2.8	11	59.7	234	.20	1.4	5.5
274	89- 3-19	13: 6: 1.86	9:21.70	84:39.04	32.37	2.6	12	57.0	223	.21	1.3	3.2
275	89- 3-20	3:31:51.65	9:40.02	84:12.92	14.02	2.7	15	30.7	111	.24	.7	1.7
276	89- 3-20	9:15:53.29	9:43.52	84:12.03	35.72	2.5	9	34.4	177	.22	1.9	3.7
277	89- 3-20	19:25:21.90	9:40.41	84:12.21	14.09	2.2	11	31.1	107	.34	1.2	3.8
278	89- 3-21	11:50:12.81	9:49.81	84:36.23	43.80	2.5	11	17.6	124	.18	1.1	1.7
279	89- 3-21	15:27:56.64	9:39.62	84:13.35	16.97	2.8	19	30.3	113	.28	.8	1.2
280	89- 3-22	11:43:35.67	9:36.50	84:33.53	17.18	2.3	8	52.0	164	.21	1.4	7.7
281	89- 3-22	12:47:41.76	9:21.63	83:40.91	24.19	2.7	14	23.5	136	.30	1.2	2.2
282	89- 3-22	19:37:53.16	9:16.82	84:41.25	40.89	2.8	8	62.5	239	.21	4.7	1.1
283	89- 3-22	22:27:33.51	9:38.67	84:54.50	18.34	2.7	9	22.3	180	.21	1.3	1.9
284	89- 3-23	21:28:58.09	9:28.54	84:25.52	.42	2.1	7	33.2	185	.22	1.6	2.4
285	89- 3-24	0: 1:42.48	9:37.92	84: 7.45	19.43	2.6	15	25.5	92	.30	.7	1.3
286	89- 3-24	1:41: 5.59	9:39.10	84:10.70	20.17	2.3	10	28.1	105	.16	.9	1.9
287	89- 3-24	3:30:25.71	9:23.75	84:38.22	18.61	2.4	9	55.4	215	.09	3.2	3.1
288	89- 3-24	3:30:42.03	8:10.86	82:59.61	5.26	2.8	9	30.4	285	.22	3.3	1.1
289	89- 3-24	5:59: 8.23	8:17.93	83: .73	17.40	2.7	8	17.4	275	.27	3.7	1.1
290	89- 3-24	7:29:43.72	9:49.29	84: 4.51	65.92	2.8	12	23.0	82	.24	1.5	2.0
291	89- 3-24	7:46:23.68	9:42.58	83:56.87	30.14	1.9	7	26.4	122	.32	2.1	6.1
292	89- 3-24	10:43:14.97	10: 1.71	84:22.72	70.83	2.8	11	28.7	156	.31	2.0	3.9
293	89- 3-24	12: 3:58.52	9:47.94	83:51.76	2.70	2.1	6	19.2	154	.13	1.2	1.6
294	89- 3-24	15:50: 7.74	9:18.57	82:32.80	24.67	2.9	7	51.5	270	.29	4.9	3.7
295	89- 3-25	3:52:49.62	8:36.84	83: 9.19	.03	2.3	8	21.0	124	.20	.7	1.4
296	89- 3-25	6:56:18.46	8:45.19	83: 9.74	19.80	2.7	13	34.7	104	.20	.6	1.3
297	89- 3-25	10: 2:16.71	8:34.59	83: 9.65	22.18	2.2	6	17.8	198	.08	1.7	3.2
298	89- 3-26	6:53:46.99	9:29.61	83:35.05	4.30	2.6	12	21.1	159	.32	1.3	1.6
299	89- 3-26	7: 1:40.91	9:29.70	83:37.14	3.62	2.0	7	17.5	175	.18	1.3	1.0
300	89- 3-26	23:55: 2.92	9:39.50	84:12.13	10.77	2.6	17	29.4	109	.24	.6	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- 3-27	8: 7:41.44	8:53.09	82:46.48	21.71	2.8	12	2.1	161	.26	1.5	1.1
302	89- 3-27	10:54:43.77	9:43.83	85: 3.34	13.79	2.5	6	6.2	228	.11	1.2	1.6
303	89- 3-27	18:18:15.12	9:39.84	84:53.59	19.18	2.7	14	23.4	172	.27	1.0	1.4
304	89- 3-27	22:25:53.80	10:23.95	83:11.68	30.86	3.0	14	90.6	257	.28	2.3	1.4
305	89- 3-28	8:22:34.17	9:33.18	83:38.14	8.32	1.9	6	14.2	302	.27	3.1	25.3
306	89- 3-29	2:48:31.50	9:35.20	83:33.61	8.16	2.3	10	22.8	172	.26	1.6	4.3
307	89- 3-29	2:49:54.91	9:35.46	83:32.51	12.04	2.6	12	24.9	174	.36	1.6	3.3
308	89- 3-29	4:26:14.65	9:39.31	84:11.72	16.13	2.3	13	28.9	107	.15	.5	1.1
309	89- 3-29	7:55:48.82	8:55.59	84: 4.88	13.11	2.6	12	33.2	193	.24	1.5	2.4
310	89- 3-29	8:17:27.13	10:21.43	85:19.32	51.01	2.6	11	32.8	124	.23	1.1	2.1
311	89- 3-29	9:55:17.73	9:23.88	84:24.07	14.98	2.3	13	29.5	152	.29	.9	2.5
312	89- 3-30	0:28:25.33	10:30.67	84:36.95	16.28	2.9	11	8.0	196	.24	1.5	1.3
313	89- 3-30	5:24: 6.54	9:30.48	83:33.33	8.55	2.2	11	23.6	163	.16	.9	3.8
314	89- 3-30	5:43:40.82	10:24.53	86:13.81	24.84	2.9	5	79.6	303	.05	2.1	10.6
315	89- 3-30	6:36:17.78	8:44.53	83:35.05	25.65	2.3	9	31.6	186	.13	1.0	1.6
316	89- 3-30	6:38: 7.33	9:38.99	84:10.41	20.39	2.2	8	27.8	104	.10	1.0	2.0
317	89- 3-30	15: 9:20.25	9: .89	83:44.77	9.35	2.1	5	36.2	244	.06	2.1	11.8
318	89- 3-30	15:59:51.60	9:32.87	82:38.46	35.11	2.7	8	73.6	262	.15	2.2	.8
319	89- 3-30	18:23:28.03	10:12.06	85: 9.75	15.55	2.3	7	25.1	187	.07	.5	2.6
320	89- 3-30	19: 9:12.14	9: 2.38	84: 9.33	14.38	2.6	13	40.5	189	.28	1.4	3.3
321	89- 3-30	19:51:24.69	8:55.34	82:48.64	29.57	2.7	7	6.3	162	.23	2.2	1.7
322	89- 3-30	20:57:31.50	10:30.46	85:21.81	51.93	2.5	8	31.6	149	.18	1.0	2.2
323	89- 3-30	21:26:49.11	9:19.37	84: 5.72	23.15	2.2	6	9.8	177	.21	1.8	2.0
324	89- 3-31	5:45:55.05	9:17.31	83:58.07	37.35	2.1	7	22.1	270	.21	2.2	2.0
325	89- 3-31	6:44:44.85	9:31.80	83:38.49	12.98	2.4	11	13.9	155	.24	1.0	1.2
326	89- 3-31	20: 0:48.17	9:34.48	84:29.56	15.63	2.7	17	43.9	138	.22	.7	1.4
327	89- 3-31	22:20:20.58	9:47.27	83:46.24	18.34	2.6	16	24.5	165	.19	.7	.8
328	89- 3-31	22:30:39.58	9:46.06	83:47.97	4.55	2.4	12	23.9	155	.20	.8	.6
329	89- 4- 1	4: 7:27.90	10:11.86	85: 7.71	13.77	2.3	6	21.9	155	.14	.8	5.0
330	89- 4- 1	21:35:13.47	10:21.40	85:48.91	25.41	2.9	7	36.5	271	.13	1.4	2.3
331	89- 4- 1	22:41: 4.22	9:35.26	83:34.97	16.48	2.7	12	20.4	169	.27	1.2	1.6
332	89- 4- 2	5: 4:22.12	8:32.37	83:10.83	11.81	2.5	8	16.1	203	.17	1.0	2.6
333	89- 4- 2	10:46:31.69	10:39.24	85:44.19	46.73	2.6	6	42.0	269	.25	2.3	3.8
334	89- 4- 2	11:20: .50	10:39.49	85:44.92	46.56	2.6	6	43.0	271	.04	1.3	1.9
335	89- 4- 2	12:25:39.05	10:39.12	85:45.38	47.52	2.6	6	44.0	272	.09	1.5	2.1
336	89- 4- 2	13: 8:41.06	10:39.51	85:45.36	50.76	2.7	6	43.8	273	.11	1.6	2.3
337	89- 4- 2	13:18:50.09	10:37.16	85:45.60	46.44	2.4	6	45.9	270	.19	1.9	3.4
338	89- 4- 2	13:25:33.46	10:40.55	85:53.19	30.12	2.4	6	57.0	290	.17	1.7	4.2
339	89- 4- 2	14:36:10.98	8:24.13	83:29.88	19.23	2.8	14	47.2	227	.20	1.3	.7
340	89- 4- 2	14:58:12.56	8:35.09	82:44.68	.01	2.1	6	34.7	249	.24	2.8	2.1
341	89- 4- 2	22:56:23.62	9:38.93	84: 9.60	17.02	2.2	8	27.5	135	.27	2.0	3.6
342	89- 4- 3	8:44:12.71	8:36.41	83:10.26	21.91	2.6	6	21.2	196	.27	1.9	5.1
343	89- 4- 3	18:43: 9.86	8:44.26	83: 9.90	38.56	2.6	6	34.3	175	.06	.8	1.7
344	89- 4- 3	19:57:30.63	9:34.10	83:36.59	6.32	2.4	11	17.1	163	.18	.6	.7
345	89- 4- 4	2:21:12.52	9:42.48	83:51.38	20.11	2.2	9	19.7	157	.21	1.7	1.8
346	89- 4- 4	6:47:26.58	9:30.21	83:36.02	14.43	2.5	10	19.1	185	.30	1.6	3.2
347	89- 4- 4	13:23:55.85	10:37.89	85:43.07	39.33	2.6	7	41.1	264	.25	2.1	1.3
348	89- 4- 4	14:22:39.01	9:43.40	84:52.39	13.13	2.2	6	25.4	272	.17	1.5	5.1
349	89- 4- 4	18:12:35.01	9:35.65	83:34.68	12.12	2.5	11	21.1	193	.30	1.2	2.8
350	89- 4- 4	21:17: 6.52	9:11.95	84: 1.53	15.06	2.6	15	25.6	134	.24	.7	1.8
351	89- 4- 5	2:15: 4.52	9:59.58	84:50.93	45.73	2.5	11	35.0	130	.15	.8	1.4
352	89- 4- 5	2:35:36.32	10:39.01	85:44.09	48.67	2.9	7	42.0	269	.09	1.8	1.8
353	89- 4- 5	5:15:45.04	8:42.47	82:50.49	.10	2.5	7	22.8	198	.36	8.2	9.5
354	89- 4- 5	7:16:13.36	9:30.22	83:40.68	4.47	2.5	14	11.2	147	.25	.8	.7
355	89- 4- 5	10: 0:31.86	9: 1.88	84:11.22	8.19	2.8	15	41.8	172	.22	.7	2.3
356	89- 4- 5	12:16: 3.70	10:38.12	85:44.69	40.99	2.4	5	43.6	269	.04	2.2	.8
357	89- 4- 5	12:20:32.73	9:43.52	83:51.52	16.04	2.4	13	21.5	135	.20	.7	1.1
358	89- 4- 6	7:48:30.96	9:55.83	84:19.70	57.18	2.6	10	25.4	124	.21	1.1	2.5
359	89- 4- 6	21:31:12.36	8:13.92	82:52.48	30.96	2.9	10	32.0	309	.24	1.9	.9
360	89- 4- 6	22:10:58.48	9: 9.41	83:48.63	43.39	2.8	13	44.5	106	.17	.9	.5

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
361	89- 4- 7	8:17:10.07	9:39.65	84:11.79	17.37	2.6	12	29.5	107	.17	.8	1.5
362	89- 4- 7	22: 8:59.41	10:39.95	85:45.81	42.60	2.5	6	44.3	272	.07	1.7	.6
363	89- 4- 8	4:52: 3.86	10:18.44	85:19.65	48.53	2.7	8	29.0	118	.20	1.0	2.1
364	89- 4- 8	23: 1:40.41	10:11.83	84: 9.26	94.82	3.0	9	19.8	215	.21	3.2	2.1
365	89- 4- 9	13:33:44.92	9:23.67	83:50.17	28.82	2.5	11	19.5	149	.26	1.1	1.7
366	89- 4- 9	22: 0:57.92	9: 9.26	84: 3.33	9.51	2.2	5	29.0	309	.07	2.9	10.8
367	89- 4-10	4:50:24.37	8:33.04	83: 1.95	8.15	2.3	6	12.6	162	.10	8.0	10.9
368	89- 4-10	6:41:10.47	9:45.21	84:38.18	7.81	2.3	15	51.5	139	.33	1.1	3.4
369	89- 4-10	6:46:15.18	9:37.43	83:33.77	.03	2.1	6	23.6	198	.28	3.9	5.1
370	89- 4-11	4: 7:36.89	8:28.77	83: 4.93	17.78	2.2	5	4.2	178	.05	1.9	2.0
371	89- 4-11	10:27:50.41	8:54.72	84: 1.49	13.37	2.3	8	27.9	206	.21	2.1	9.4
372	89- 4-11	11:30:10.40	9:52.14	85:19.66	22.88	2.3	6	30.9	197	.20	2.4	4.6
373	89- 4-11	17:35:43.63	10: 1.30	84:24.90	56.72	2.9	14	25.0	109	.24	1.2	2.0
374	89- 4-12	8:40:29.20	9:33.98	84:30.49	12.95	2.6	15	45.0	170	.27	.9	3.5
375	89- 4-12	11:49:58.96	10: 4.57	83:58.94	5.82	2.4	7	15.2	253	.16	2.1	.7
376	89- 4-12	14:58:38.94	9:30.49	83:37.76	5.83	2.4	10	15.9	154	.25	1.6	1.0
377	89- 4-12	15: 1: 8.79	9:24.58	83:51.03	28.25	2.6	9	18.6	145	.23	1.2	1.7
378	89- 4-12	17:30:57.68	8:52.02	83:18.90	22.52	2.9	11	19.0	162	.20	7.3	4.7
379	89- 4-14	8: 5:50.05	9:33.29	84: 9.44	29.09	2.5	13	17.1	109	.19	.7	1.6
380	89- 4-14	9:15: 7.55	10: 2.28	84:45.04	32.49	2.2	7	17.8	225	.09	5.0	.9
381	89- 4-14	9:44:31.29	9:48.59	84:40.36	15.99	2.3	8	21.5	178	.22	1.2	2.9
382	89- 4-14	9:53:40.64	9:54.18	85:16.05	9.46	2.4	8	28.7	173	.23	1.0	16.7
383	89- 4-14	12:30:50.35	9:54.79	84:37.86	43.42	2.2	6	9.1	222	.34	3.9	4.3
384	89- 4-15	5: 9:32.03	10:27.92	85:30.19	56.42	2.8	9	34.0	191	.23	1.2	2.3
385	89- 4-15	6:33:53.68	9:23.93	83:51.70	24.72	2.2	11	20.3	149	.18	.9	1.7
386	89- 4-15	6:54:55.17	10:17.56	85:21.36	42.53	2.7	10	25.5	122	.07	.6	.6
387	89- 4-15	8: 5: 4.56	8:21.80	83:23.01	22.62	3.0	9	35.5	232	.31	2.3	2.6
388	89- 4-15	10:17:13.47	9:59.86	84:38.48	28.06	2.2	5	5.1	212	.07	4.4	1.3
389	89- 4-15	11:31:17.03	9:23.56	83:35.76	17.05	2.4	13	26.0	148	.21	1.4	1.3
390	89- 4-15	15:14:54.60	10:13.85	85:18.68	30.69	2.0	7	26.9	100	.31	1.8	4.6
391	89- 4-15	22:36:36.26	9:38.94	83:40.41	3.18	2.6	11	14.6	259	.28	2.8	3.3
392	89- 4-16	20:30:58.09	9:26.70	84:15.24	33.11	2.6	11	14.2	179	.26	1.0	1.9
393	89- 4-17	3:51:30.53	9:55.77	84:17.54	69.68	2.6	13	21.9	121	.26	1.3	2.0
394	89- 4-17	13:42:18.10	8:27.97	82:58.48	16.62	2.8	9	10.9	231	.38	2.4	1.8
395	89- 4-17	23:11:52.44	9:37.06	84:39.43	26.01	2.5	14	41.7	169	.23	1.0	2.9
396	89- 4-18	1:28:51.38	8:31.73	83: 6.82	18.89	2.7	12	10.6	131	.16	.9	1.0
397	89- 4-18	5: 9:33.45	9:24.96	84:31.16	40.95	2.4	7	42.5	246	.29	3.5	1.9
398	89- 4-18	12:30:29.52	9:28.38	84:35.05	28.44	2.5	11	50.2	187	.26	1.1	3.8
399	89- 4-18	14:56:58.64	9:38.28	84:32.70	20.67	2.7	20	39.3	148	.25	.7	1.1
400	89- 4-18	16:11: 7.30	9:33.64	84:50.10	17.14	2.4	14	33.3	196	.28	1.3	1.7
401	89- 4-19	3: 9:22.92	8:28.54	83: 6.91	13.24	2.8	8	6.1	162	.22	1.8	2.0
402	89- 4-19	3:43:51.72	10: 4.95	84:34.60	77.70	2.8	11	10.8	157	.29	2.6	2.3
403	89- 4-19	4:41:49.51	8:26.91	82:51.44	.03	2.6	8	23.5	257	.29	3.2	1.8
404	89- 4-19	5: 4:11.70	9: 3.18	84:10.77	17.14	2.6	15	39.3	191	.24	1.1	1.3
405	89- 4-19	6:21:14.18	8:27.67	83:32.32	34.51	2.7	15	46.0	216	.32	2.0	1.3
406	89- 4-19	7:56:18.70	8:31.54	82:59.46	12.92	2.7	13	12.7	193	.36	2.0	2.2
407	89- 4-19	7:57: 7.10	8:21.25	83: 2.88	5.35	2.6	8	10.2	303	.20	3.2	.8
408	89- 4-19	10:58:39.68	9: 7.58	83:56.09	78.50	2.8	10	70.8	222	.23	2.6	4.1
409	89- 4-19	14:48:35.35	8:19.91	82:49.80	8.50	2.3	6	29.2	289	.43	3.7	37.4
410	89- 4-19	14:52: 7.26	8:23.16	82:51.64	15.05	2.2	6	24.0	275	.22	2.4	4.9
411	89- 4-20	0: 7:34.55	9:31.87	84: 9.07	30.91	2.3	12	14.4	110	.17	.7	1.3
412	89- 4-20	1:25:12.47	8:36.96	82:50.71	15.40	2.1	6	31.4	217	.05	1.1	2.6
413	89- 4-20	5:27: 2.82	8:26.30	82:52.90	12.58	1.9	6	20.8	258	.09	1.6	4.1
414	89- 4-20	6: 7:11.21	9:25.73	84:16.66	39.66	2.2	8	16.2	189	.28	1.5	3.4
415	89- 4-20	6:19:22.88	8: 2.30	82:44.64	13.11	2.4	4	57.7	323	.07	2.9	11.7
416	89- 4-20	11:25:10.60	9:35.01	83:37.86	4.94	2.0	6	15.1	182	.36	4.2	4.8
417	89- 4-20	13:53:32.24	9:47.62	84:39.90	19.66	2.2	7	22.9	239	.10	1.1	1.8
418	89- 4-21	0:53: .67	9:33.41	83:36.00	17.27	2.7	13	56.3	163	.23	1.2	1.8
419	89- 4-21	6:13:39.68	9:34.23	83:45.56	19.39	2.8	17	1.9	142	.29	1.0	.8
420	89- 4-21	8:55:57.43	9:34.56	83:37.36	9.27	2.3	11	15.9	162	.32	1.5	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
421	89- 4-21	10: 1:14.03	8:33.36	83:41.45	25.08	2.7	12	68.8	228	.23	2.0	1.5
422	89- 4-21	13:33:28.12	9:31.16	83:54.87	33.17	2.5	12	27.1	116	.28	1.1	1.9
423	89- 4-21	18:46:35.64	9:31.07	83:38.87	9.71	2.5	13	13.6	172	.25	1.1	2.5
424	89- 4-22	2:39:33.83	8:41.53	83:13.66	29.19	2.5	7	32.5	124	.15	.8	3.0
425	89- 4-23	16:15: 7.95	9:32.44	84:55.44	26.51	2.1	6	26.6	214	.18	1.6	2.7
426	89- 4-23	19:41:30.55	9:38.74	84:58.77	20.15	2.6	14	14.9	189	.27	1.3	.9
427	89- 4-23	20:16:16.18	9:35.16	83:44.26	29.59	2.4	10	4.6	147	.28	4.7	1.5
428	89- 4-24	2:45: 4.81	8:50.86	84: 7.89	21.44	2.6	9	32.4	243	.29	4.4	8.4
429	89- 4-24	7:10:28.46	8:26.71	82:53.67	8.64	2.4	6	19.4	254	.26	2.3	21.7
430	89- 4-24	14:44: 8.05	8:28.34	83:10.11	31.93	2.5	6	11.2	242	.38	2.6	3.1
431	89- 4-25	7: 1:48.75	9:28.20	83:39.76	24.48	2.6	16	14.7	146	.35	1.4	1.8
432	89- 4-26	7:41:31.00	8:17.54	82:47.38	16.69	3.0	11	35.2	290	.18	1.3	.9
433	89- 4-26	9:12: 3.22	9:44.98	84:48.76	23.86	2.5	13	32.3	161	.30	1.3	2.7
434	89- 4-26	11:58:52.78	8:26.75	83:35.66	28.95	2.7	11	42.5	225	.32	2.2	1.4
435	89- 4-27	8:34:36.64	8:58.41	83:51.71	34.10	2.9	16	56.3	197	.36	1.9	1.6
436	89- 4-27	10:12:55.26	8:29.18	83:27.32	.28	2.5	10	42.5	241	.29	6.0	5.5
437	89- 4-27	17:27:17.86	9:39.59	85: 5.76	11.57	2.2	7	4.7	263	.07	1.3	.5
438	89- 4-28	0:11:45.91	9:11.54	83:51.95	33.86	2.7	16	37.5	128	.17	.7	1.2
439	89- 4-28	4:11:39.84	8:18.65	83: 1.33	32.44	2.9	11	15.7	295	.32	3.1	.9
440	89- 4-28	23:58:48.92	9:38.63	83:39.18	5.14	2.1	9	15.8	185	.28	1.8	2.4
441	89- 4-29	3:17:52.93	8:23.23	82:57.58	20.57	2.6	6	13.8	277	.13	2.2	.8
442	89- 4-29	16:43:50.88	10:15.20	84:12.08	79.37	2.8	10	27.1	220	.22	3.2	1.8
443	89- 4-30	6:23:28.22	9:32.22	83:37.28	9.58	2.7	12	15.9	159	.24	1.1	3.1
444	89- 4-30	22: 5:39.49	9:19.75	85:47.30	39.40	3.0	11	85.8	288	.19	2.0	.7
445	89- 5- 1	4:29:40.26	9:34.62	83:37.96	.01	1.9	9	14.8	181	.26	1.1	1.5
446	89- 5- 1	18:48:35.74	9:31.12	84:38.60	30.09	2.7	13	52.4	190	.25	1.1	3.6
447	89- 5- 1	20:31: 1.07	8:23.44	82:46.91	.05	2.4	6	32.4	279	.28	5.5	6.4
448	89- 5- 1	21:17:25.14	9:33.11	84:49.13	20.75	2.8	14	35.4	197	.31	1.4	1.8
449	89- 5- 1	21:32:53.73	9:30.72	84:51.76	27.74	2.6	12	33.8	211	.25	1.4	3.5
450	89- 5- 1	22:24: 2.34	9:40.82	83:30.47	27.83	2.7	10	53.4	189	.31	2.8	2.1
451	89- 5- 2	8:15: 5.58	9:30.14	84:51.26	27.97	2.9	9	35.2	212	.21	1.7	4.7
452	89- 5- 3	0:37:54.63	9:14.49	83:50.02	40.75	2.8	11	35.7	203	.25	5.0	3.0
453	89- 5- 3	3:57:31.82	9:25.13	83:51.13	28.93	2.5	11	17.9	143	.28	1.0	2.0
454	89- 5- 3	4:58:31.65	9:41.42	84:53.58	22.37	2.8	14	23.1	163	.29	1.1	2.7
455	89- 5- 3	5:23: 3.85	9:31.33	84:50.60	25.51	3.0	13	34.8	206	.24	1.2	3.9
456	89- 5- 3	5:51:52.55	9:30.91	84:50.41	27.11	2.7	13	35.5	207	.19	1.1	3.0
457	89- 5- 3	6:40:59.69	9:31.84	83:34.51	9.09	2.4	9	21.1	163	.31	1.8	3.6
458	89- 5- 3	7:46:59.74	8:44.16	83:33.47	25.10	2.6	9	44.1	243	.27	2.3	3.0
459	89- 5- 3	8:51:46.36	9:55.60	85:23.42	23.59	2.8	14	31.3	199	.27	1.1	1.9
460	89- 5- 3	13:33:50.28	9:30.98	84:51.44	28.48	2.9	9	33.9	210	.19	1.2	3.8
461	89- 5- 3	13:42:40.60	9:32.26	84:51.26	33.26	2.7	12	32.8	204	.25	1.1	2.6
462	89- 5- 3	17: 6: 4.57	9:46.69	84:44.59	16.78	2.4	8	28.3	224	.09	1.0	3.2
463	89- 5- 4	10: 2:55.90	9:31.93	83:36.78	13.84	2.4	15	17.0	159	.23	1.2	1.5
464	89- 5- 4	13:12: 5.37	9:40.07	84:11.21	14.17	2.5	15	30.0	123	.33	1.0	2.1
465	89- 5- 4	15:16:24.23	9:52.39	84:15.82	58.46	2.6	11	23.3	101	.31	1.6	3.3
466	89- 5- 4	16:26:21.69	9:42.58	84:55.68	20.06	2.8	14	19.2	157	.20	.8	.8
467	89- 5- 4	19:27:31.43	9:17.82	83:48.96	47.52	2.8	16	29.2	172	.21	1.2	1.4
468	89- 5- 5	5: 1:37.05	9:38.91	84:11.19	17.47	1.9	9	27.9	144	.13	.6	4.1
469	89- 5- 5	11:47:19.57	9:46.78	84:43.62	17.80	2.8	15	27.2	137	.23	.7	1.3
470	89- 5- 5	12: 0:58.47	9:35.99	83:37.79	7.84	2.2	9	15.7	164	.16	1.5	1.5
471	89- 5- 5	12:35: 4.42	9:34.96	84:41.13	37.57	2.6	12	46.1	179	.15	1.0	2.1
472	89- 5- 5	16:33:41.82	9:34.57	84:48.67	8.04	2.3	13	35.0	190	.24	1.1	3.3
473	89- 5- 5	22:52:29.66	9:35.95	83:38.42	.03	2.1	6	14.6	282	.53	4.7	3.3
474	89- 5- 6	0: 1:41.33	9:24.14	84:28.44	21.92	2.7	19	37.5	189	.25	1.0	1.9
475	89- 5- 6	5:46:50.60	9:41.19	84:37.78	12.47	2.2	11	33.7	174	.19	.9	8.4
476	89- 5- 6	9:26:10.72	9:32.80	84:49.08	21.91	2.5	12	35.7	198	.11	.9	4.4
477	89- 5- 6	10:44: 5.97	9:34.65	83:37.11	1.46	2.2	10	16.4	163	.29	1.4	2.2
478	89- 5- 6	15:49:12.89	9:32.39	84:52.21	30.11	2.9	14	31.3	199	.19	1.1	1.6
479	89- 5- 6	18:19: 3.44	10:39.38	85:46.36	36.93	2.7	9	45.6	275	.28	2.0	1.0
480	89- 5- 6	22:37: .00	9:28.49	84:40.76	28.38	2.4	8	52.9	202	.11	.9	3.2

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
481	89- 5- 7	2: 7:45.34	10: 6.41	84:12.38	80.22	2.9	11	13.5	189	.18	2.5	1.6
482	89- 5- 7	17:20:37.35	9:39.72	84: 9.63	26.00	2.4	10	40.5	203	.30	1.5	6.1
483	89- 5- 7	17:33:52.10	8:46.78	84:19.97	28.87	2.8	7	72.8	292	.28	2.6	4.0
484	89- 5- 7	22:12:48.63	9:34.06	84:51.07	23.94	2.4	11	31.4	196	.19	1.1	3.7
485	89- 5- 8	5: 6:39.79	9:16.00	83:20.80	36.58	3.0	15	26.1	159	.31	1.7	1.2
486	89- 5- 8	12:55:39.39	9:39.56	84:12.05	15.25	2.6	16	29.5	108	.24	.7	1.5
487	89- 5- 9	1:28:49.41	9:25.68	83:50.09	55.94	2.9	19	16.1	124	.28	1.6	1.2
488	89- 5- 9	1:33:49.87	10:54.55	85:48.79	67.17	2.9	8	49.3	305	.06	1.9	1.9
489	89- 5- 9	18: 0:19.37	9:36.48	83:35.92	6.84	2.5	15	19.2	169	.25	.9	.9
490	89- 5- 9	18:46: 9.75	9:46.75	84:17.81	57.20	2.5	13	33.6	109	.31	1.3	2.5
491	89- 5-10	16: 1:23.56	9:41.92	83: .17	6.08	2.6	7	80.3	235	.06	1.6	2.2
492	89- 5-10	21:29:53.50	9:39.39	84:12.10	19.48	2.3	12	29.2	147	.27	.7	1.3
493	89- 5-11	17:41:52.12	9:30.71	84:37.42	50.80	2.7	7	53.0	235	.26	2.0	4.0
494	89- 5-12	15:43:24.63	10: 9.87	85:22.58	28.85	2.4	6	18.7	163	.19	1.5	2.8
495	89- 5-12	18:44:19.46	9:31.22	84:38.00	34.43	2.6	10	52.1	205	.26	1.5	2.0
496	89- 5-13	23: 2:17.88	9:37.11	83:39.86	12.09	2.3	8	13.2	181	.19	1.5	1.3
497	89- 5-14	5:21: 5.57	9:16.22	83:45.98	43.14	2.6	12	31.7	175	.15	1.2	.4
498	89- 5-14	13:39:32.00	9:29.89	84:30.20	29.02	2.3	10	42.0	185	.17	.9	3.3
499	89- 5-15	0:57:47.69	8:43.22	83:33.31	23.73	2.8	12	34.6	149	.17	.7	1.3
500	89- 5-17	8:30:53.97	9: 2.28	84:30.40	39.47	2.8	15	57.8	207	.26	1.8	1.0
501	89- 5-17	11: 2:38.38	9:39.86	84:54.43	5.56	2.5	17	21.9	173	.19	.9	1.3
502	89- 5-17	14:18:41.40	10: 4.09	84: .03	7.76	2.4	16	15.8	194	.27	1.4	.9
503	89- 5-17	14:30:42.43	10:13.13	84:16.05	.66	2.2	6	5.0	225	.25	3.2	3.2
504	89- 5-17	15: 1:48.98	10:10.80	84:51.60	52.75	2.8	18	15.9	129	.27	1.0	1.4
505	89- 5-17	19:38:31.61	9:36.21	84:46.41	26.60	2.6	11	37.8	195	.28	1.2	4.0
506	89- 5-17	19:49:54.93	9:38.53	84:11.50	22.90	2.3	13	27.4	108	.19	.6	2.4
507	89- 5-18	6:53: 8.08	10: 7.17	84: 9.12	98.25	2.8	11	11.4	198	.23	3.2	1.8
508	89- 5-18	7: 7:44.40	9:57.39	84:12.48	77.75	2.6	10	12.5	122	.24	2.4	1.9
509	89- 5-18	9:59: 5.63	9:54.10	85:19.59	9.05	2.0	6	33.1	189	.28	1.5	24.1
510	89- 5-19	9:14:49.45	9:38.71	83:42.94	.22	2.1	7	11.4	237	.14	2.6	1.4
511	89- 5-20	9:36:38.64	8:57.62	84:14.11	30.22	2.9	18	48.7	187	.28	1.2	1.6
512	89- 5-21	0:55: 7.91	9:38.04	84:24.93	46.62	2.7	13	40.3	147	.27	1.2	2.5
513	89- 5-21	5:40:28.81	9:28.95	84:36.75	5.72	2.5	13	53.4	187	.28	1.0	2.6
514	89- 5-21	6:47: 6.73	9:26.54	84:17.48	21.10	2.7	18	18.0	176	.22	.7	1.5
515	89- 5-21	20:24: 4.95	9:40.02	84:48.29	17.06	2.3	16	33.0	166	.23	.8	1.7
516	89- 5-22	13:57:52.49	8:55.38	83:49.30	36.36	2.5	11	59.1	180	.28	2.4	1.4
517	89- 5-23	9:11:35.19	9:42.87	84:55.01	22.76	2.6	14	20.5	169	.24	.9	2.0
518	89- 5-23	10:11:27.69	9:39.66	84:12.81	15.51	2.9	21	30.0	111	.34	.7	1.6
519	89- 5-23	14:43:15.54	8:19.14	83: 6.30	30.53	2.8	9	14.4	268	.28	2.0	1.3
520	89- 5-24	1:40: 7.02	9:37.70	82:42.47	21.21	2.8	9	81.6	278	.32	2.6	29.5
521	89- 5-24	5:21:15.67	9:35.49	83:48.70	81.95	2.9	13	6.5	135	.28	2.5	1.7
522	89- 5-24	8:33: 6.43	10:29.76	85:11.88	71.14	2.7	10	35.3	144	.13	1.3	1.5
523	89- 5-24	23: 8:21.92	8:33.45	82:38.54	33.60	2.8	7	39.8	273	.30	3.1	1.6
524	89- 5-25	0:26: 5.26	8:26.29	82:35.44	39.81	2.9	7	52.8	291	.27	2.5	1.3
525	89- 5-25	2:32:41.11	9:26.60	83:57.29	57.03	2.8	14	20.0	136	.16	1.1	1.0
526	89- 5-25	23:43: 1.42	8:57.94	84: 6.93	16.18	2.4	5	48.7	328	.08	3.0	1.3
527	89- 5-26	10: 0: 7.77	9:47.31	84: .56	8.06	2.2	7	23.5	165	.20	1.0	3.3
528	89- 5-26	11:14:47.25	9:11.30	83:59.99	33.51	2.7	12	28.0	226	.19	1.3	1.0
529	89- 5-26	11:55:58.34	8:29.40	83: 7.10	20.19	2.7	7	7.3	195	.32	1.7	2.5
530	89- 5-26	15: 7: 6.42	10:12.17	84:38.76	61.73	2.8	17	24.6	157	.23	1.2	1.1
531	89- 5-27	14:49:33.57	8:33.73	83: 7.27	31.55	2.4	6	14.3	183	.04	.7	1.7
532	89- 5-27	18:40:54.67	9:39.92	84:12.71	14.78	2.9	22	30.5	110	.30	.7	1.7
533	89- 5-27	19:19:46.56	9:40.61	84:11.76	14.06	2.4	16	31.2	105	.27	.7	1.9
534	89- 5-27	19:38:43.81	9:44.30	84:10.93	24.89	2.3	13	37.7	103	.39	1.6	2.6
535	89- 5-28	1:49:19.08	9: 9.84	84: 6.94	41.18	2.6	11	26.6	198	.26	1.4	.7
536	89- 5-28	3:40: 3.14	9:38.74	84: 9.43	21.28	2.3	5	27.1	136	.24	1.8	5.2
537	89- 5-28	7:18:16.21	8:49.94	82:49.96	37.08	2.6	8	10.8	164	.24	1.3	.8
538	89- 5-28	7:37:32.70	9:38.01	84:31.77	24.84	2.3	11	50.5	157	.32	1.2	7.8
539	89- 5-28	8:33:15.16	9: 9.59	83:54.04	40.52	2.8	16	37.2	119	.31	1.1	.8
540	89- 5-28	18:19:23.95	8:36.05	83:30.12	30.87	2.8	14	42.3	178	.23	.7	.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
541	89- 5-28	21:59:18.26	9:40.23	84:53.47	20.57	2.7	16	23.5	170	.32	.9	1.2
542	89- 5-28	23: 9: 9.46	9:35.59	84:54.99	26.25	2.3	10	23.7	210	.20	1.5	2.1
543	89- 5-29	12:38:12.81	9:33.78	84:52.88	30.01	2.9	13	28.8	195	.24	1.4	1.7
544	89- 5-29	14:12: 1.20	8:28.80	83: 9.71	17.44	2.4	6	10.8	236	.06	1.2	1.2
545	89- 5-29	16: 4: 1.03	9:33.15	84:30.07	20.75	2.6	20	43.7	157	.25	.8	1.0
546	89- 5-30	5:13: 9.91	9:39.98	84:45.68	18.67	2.6	16	37.7	164	.26	.9	1.3
547	89- 5-30	14:13:14.75	8:30.56	83: 9.24	6.23	2.3	7	11.7	159	.08	1.7	2.1
548	89- 5-30	23:25:42.31	9:23.56	84: 1.48	43.89	2.2	10	11.9	165	.21	1.4	.5
549	89- 5-31	3:24:56.79	9:38.29	83:35.69	3.24	2.0	11	20.9	174	.22	1.5	1.9
550	89- 6- 1	7:23:25.64	10:45.95	85: 5.32	17.96	2.7	12	31.8	208	.23	1.3	1.8
551	89- 6- 1	7:43: 7.12	10:46.27	85: 3.97	11.28	2.6	11	34.2	210	.17	1.0	2.8
552	89- 6- 1	20:37:39.58	8:31.30	83: 7.92	12.68	2.8	10	10.9	186	.20	1.1	1.6
553	89- 6- 2	7:33:57.75	9:45.43	83:49.41	14.46	1.9	8	23.4	182	.26	4.2	3.4
554	89- 6- 2	12:52:26.75	9:34.64	83:57.67	18.30	2.4	12	21.6	129	.15	.6	2.5
555	89- 6- 2	20:16:34.38	8:34.85	83: 3.12	55.37	2.9	11	15.4	146	.23	1.3	1.9
556	89- 6- 3	8:51:41.66	9:21.11	84: 4.68	20.72	2.2	8	8.3	258	.26	3.8	2.0
557	89- 6- 3	20:59:33.07	9:41.61	85: 8.28	21.36	2.7	12	3.9	243	.15	1.7	1.0
558	89- 6- 3	23: 8: 7.74	8:53.06	84: 7.75	14.73	2.7	11	34.2	237	.34	2.0	2.8
559	89- 6- 3	23:23:57.72	9:39.07	85: 9.14	23.66	2.9	15	7.7	229	.23	1.0	1.2
560	89- 6- 3	23:49:57.01	8:53.11	84: 6.56	20.86	2.8	14	32.5	232	.24	2.3	2.5
561	89- 6- 4	2:30: 3.40	9:31.39	83:39.89	12.52	2.5	9	11.7	170	.24	2.7	1.8
562	89- 6- 4	17:27:33.97	9:39.48	85: 9.76	19.21	2.5	8	8.1	265	.30	3.2	1.3
563	89- 6- 5	15:15:53.84	9:32.00	84:49.74	24.07	2.4	9	35.4	202	.22	1.2	4.5
564	89- 6- 6	2:15:27.25	9:24.12	83:50.18	38.00	2.3	9	18.7	147	.35	1.7	1.6
565	89- 6- 6	4:27:46.54	9:37.45	84: 2.52	54.21	3.0	18	26.5	82	.29	1.0	1.4
566	89- 6- 6	4:56:35.12	9:31.07	84:52.46	33.22	2.9	15	32.4	203	.20	1.0	1.5
567	89- 6- 6	5:28:57.73	9:29.64	84:52.56	26.87	2.5	13	34.0	216	.23	1.1	3.2
568	89- 6- 6	12:28:52.10	9:10.53	83:53.26	29.09	2.7	15	36.9	137	.30	.9	1.6
569	89- 6- 6	12:30: 3.06	9:10.46	83:52.76	25.33	2.5	14	37.7	135	.26	.9	2.9
570	89- 6- 6	14:48: 5.27	8:28.63	83:11.07	15.61	2.9	10	13.1	224	.40	2.1	2.7
571	89- 6- 6	18:59: .40	9:55.57	83:39.82	.02	2.4	9	26.1	216	.38	2.3	3.0
572	89- 6- 6	23:14:13.02	9:40.13	84: 3.96	50.73	2.9	18	30.5	83	.19	.8	1.1
573	89- 6- 7	6: 8:43.43	9:19.07	83:41.89	39.38	2.6	12	27.4	129	.24	1.1	.8
574	89- 6- 7	7:17:23.59	9:49.81	83:39.71	8.65	2.3	8	30.1	260	.26	2.8	21.7
575	89- 6- 7	8:48:18.73	8:25.13	83:10.91	17.65	2.3	6	12.5	273	.11	1.3	1.5
576	89- 6- 7	9:46:59.33	8:22.85	82:49.65	8.54	2.5	6	27.6	278	.16	1.5	18.0
577	89- 6- 7	16:40:58.39	9:26.69	83:58.07	24.22	2.4	13	18.6	135	.32	1.0	1.6
578	89- 6- 7	18:27: 6.84	10:39.83	85:26.26	49.99	2.8	4	15.6	191	.28	15.3	20.4
579	89- 6- 7	23:59:36.52	9:23.94	84: 8.62	21.64	2.1	6	1.3	270	.10	1.3	1.0
580	89- 6- 8	0:14:58.67	8:46.28	83:12.06	12.47	2.3	7	31.3	147	.25	1.0	7.7
581	89- 6- 8	1:27:15.51	9:12.87	83:52.74	40.14	2.4	8	34.9	290	.16	1.4	1.5
582	89- 6- 8	1:42:40.47	9:26.99	84:20.56	19.63	2.2	8	23.6	187	.22	2.4	2.6
583	89- 6- 8	2: 1:30.14	9:29.25	84: 9.03	39.75	2.5	12	9.6	151	.16	.8	.8
584	89- 6- 8	8:26:14.35	9:44.49	84: 6.24	17.41	2.3	14	31.4	83	.22	.7	1.5
585	89- 6- 9	6: 3:35.73	9:33.17	85: 4.42	5.56	1.9	10	16.8	234	.12	1.2	.7
586	89- 6- 9	9:10:25.16	9:56.57	84:29.11	49.28	2.1	10	13.2	162	.15	1.1	1.5
587	89- 6- 9	10:10:37.26	10:38.21	85:46.68	45.90	2.8	10	46.9	274	.18	1.8	2.3
588	89- 6- 9	13:10:17.19	9:37.06	84:51.48	13.53	2.4	15	28.5	184	.20	.9	1.9
589	89- 6- 9	13:24:14.39	8:13.56	82:59.34	28.76	2.6	9	25.8	282	.33	2.6	1.7
590	89- 6- 9	16:27:29.62	9:31.94	83:35.82	8.00	2.5	13	18.7	161	.18	1.0	1.9
591	89- 6- 9	16:31:58.05	9:20.49	82:43.46	22.54	2.7	14	49.7	246	.21	1.4	2.1
592	89- 6-10	6:11:57.59	9:37.90	84:54.75	4.57	2.2	10	22.3	217	.13	1.8	1.2
593	89- 6-10	8: 1:43.67	10: 5.64	83:53.25	13.52	1.9	5	13.9	292	.01	1.6	2.5
594	89- 6-10	9: 6: 4.85	9:50.51	84:15.94	58.28	2.5	13	26.0	141	.24	2.0	2.0
595	89- 6-10	20:23:30.84	9:46.23	85:30.16	38.76	2.5	7	43.8	255	.24	2.3	1.4
596	89- 6-10	22:20:14.48	9:57.24	83:22.04	23.26	2.7	12	58.1	302	.22	1.3	1.7
597	89- 6-11	3:58:17.08	9:39.32	85:12.82	19.24	2.6	12	13.1	249	.19	1.5	.8
598	89- 6-11	4:26:51.50	9:35.16	85:15.30	18.97	2.8	15	21.0	258	.31	1.9	1.1
599	89- 6-11	8:30:12.69	9:31.29	83:36.64	8.65	2.0	7	17.4	315	.33	3.5	28.0
600	89- 6-11	10:36:54.44	10:14.01	85:45.44	25.87	2.4	7	24.4	264	.13	1.2	1.2

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
601	89- 6-11	14:31:20.86	9:30.17	83:37.81	18.22	2.6	15	15.9	154	.34	1.4	1.3
602	89- 6-11	17:14:12.15	9:31.94	83:38.99	8.77	2.4	12	12.9	154	.16	1.0	2.9
603	89- 6-11	22:44:27.17	10:39.48	85:50.05	33.74	2.4	9	51.9	283	.28	2.9	1.8
604	89- 6-12	3:22:59.76	10: 1.46	84:46.17	41.86	2.1	6	19.4	136	.06	.9	1.7
605	89- 6-12	22:24:33.58	9:32.04	83:40.01	8.44	2.5	18	11.1	152	.28	1.0	2.6
606	89- 6-12	22:48:35.69	9:34.20	83:38.98	5.33	2.2	15	12.9	158	.27	1.0	.9
607	89- 6-12	23:25: 4.70	9:35.82	83:41.34	.03	2.0	12	9.6	155	.32	1.0	1.8
608	89- 6-13	6:17:14.22	9:31.83	84:49.59	32.64	2.7	20	56.8	204	.27	1.4	1.2
609	89- 6-13	7:54: 3.55	9:33.51	83:39.92	6.18	2.1	10	11.0	281	.26	2.5	.8
610	89- 6-13	23:46:18.22	9:36.43	83:38.18	10.72	2.3	14	15.4	164	.27	1.0	2.6
611	89- 6-14	8: 8:21.83	9:30.26	83:37.60	12.54	2.4	15	16.3	181	.30	1.6	1.9
612	89- 6-14	19:21:58.80	9:11.37	83:53.05	33.71	2.6	12	36.2	116	.33	1.0	1.4
613	89- 6-15	11: 9:40.34	8:34.36	83: 4.44	19.31	3.0	8	14.4	208	.42	6.6	6.3
614	89- 6-15	21:39: 6.44	9:45.10	84:56.61	16.68	2.3	7	18.4	198	.32	1.7	4.0
615	89- 6-15	21:39:48.75	9:45.58	84:56.82	14.61	2.2	7	18.3	194	.32	1.7	4.9
616	89- 6-15	23:43:51.40	10: 8.29	83:52.84	14.82	2.7	12	18.9	240	.29	1.4	2.7
617	89- 6-16	4:14:23.99	9:39.28	84:10.07	18.37	2.2	12	28.3	132	.26	.8	2.2
618	89- 6-16	8:10: 3.01	9:32.59	84:50.56	19.33	2.8	17	33.5	201	.25	1.0	1.2
619	89- 6-16	10:34:43.69	9:34.01	83:55.06	62.89	2.5	11	16.7	139	.14	1.3	1.7
620	89- 6-16	16:25:58.34	9:35.14	83:36.10	3.01	2.1	7	18.3	297	.15	6.2	6.4
621	89- 6-16	19:10:39.81	9:17.80	83:53.36	17.88	2.1	9	29.1	181	.34	2.3	7.7
622	89- 6-16	21:29:25.15	9:40.93	84:55.72	20.33	2.6	9	19.2	203	.28	2.3	1.0
623	89- 6-17	1:33:47.20	9:13.39	84:11.59	27.10	2.4	11	21.1	282	.33	1.9	1.9
624	89- 6-17	20:32:54.24	8:16.90	82:45.98	26.19	2.9	13	38.0	292	.22	2.3	1.1
625	89- 6-18	0:57: 9.73	10:26.76	85: 5.52	2.76	2.2	11	23.1	152	.19	.8	1.2
626	89- 6-18	9:14:53.35	9:39.04	84:53.38	27.02	2.8	21	24.1	176	.23	.9	1.9
627	89- 6-18	13:32:56.49	9:20.03	83:57.66	45.40	2.7	21	20.3	118	.18	.7	1.1
628	89- 6-18	17:32:33.33	9:28.21	83:41.22	8.21	2.0	6	12.8	180	.04	4.1	13.0
629	89- 6-19	5:16:43.44	9:12.81	84: 2.03	21.29	2.9	29	23.7	133	.34	.9	1.6
630	89- 6-19	5:57:20.38	9:25.22	84:34.88	24.62	2.7	22	49.3	193	.29	1.1	1.8
631	89- 6-19	12:12:20.63	9: 9.64	83:51.44	33.12	2.5	13	45.0	135	.15	.7	1.1
632	89- 6-20	23:21:24.84	9:32.08	84: 4.77	38.61	2.7	27	15.8	78	.29	.8	.5
633	89- 6-21	11:31:23.46	8:14.39	82:46.71	33.36	2.7	6	39.4	305	.01	2.2	.9
634	89- 6-21	13:34: 4.35	9:43.40	85:10.58	18.13	2.4	12	8.4	214	.10	.9	.7
635	89- 6-21	17:42:44.12	8:40.54	83:41.29	27.00	2.9	16	20.4	172	.26	.8	1.8
636	89- 6-21	20:55:37.56	9:29.38	84:49.70	37.33	2.6	8	38.3	211	.45	5.4	5.4
637	89- 6-22	1:40:29.23	9:31.22	84:45.82	15.99	2.5	11	42.4	199	.17	1.4	1.7
638	89- 6-22	2:55:51.62	9:54.63	84:28.57	64.53	2.6	12	15.7	158	.25	2.0	3.3
639	89- 6-22	3:10: 4.62	9:11.75	83:54.34	27.49	2.3	12	33.9	138	.17	.7	1.8
640	89- 6-22	5:59:33.99	9:30.90	83:37.63	9.27	2.5	14	15.9	155	.26	1.0	3.9
641	89- 6-22	16:17: 5.93	8:22.81	83:39.10	24.00	2.6	11	44.2	245	.23	1.6	2.8
642	89- 6-22	16:36:27.40	8:32.53	82:55.30	20.36	2.9	12	19.8	213	.16	1.8	1.0
643	89- 6-23	8:25:54.22	9:52.69	84:29.38	29.61	2.3	10	42.3	140	.28	1.4	5.6
644	89- 6-23	9:54:42.01	9:45.50	83:50.47	3.91	1.9	7	19.9	173	.09	1.2	1.7
645	89- 6-23	16:28:12.00	8:27.11	82:56.18	8.47	2.3	7	14.8	246	.07	1.4	10.4
646	89- 6-23	18:57:33.82	9:43.17	83:54.79	9.86	1.6	6	20.0	189	.12	2.3	5.4
647	89- 6-24	0:18:34.18	9:34.06	83:55.06	3.85	1.8	7	16.7	243	.19	2.0	1.3
648	89- 6-24	3:49:44.40	9:41.40	84: 5.87	18.27	1.8	7	27.1	170	.10	1.1	3.9
649	89- 6-24	16:26:42.81	9:40.12	84:52.32	18.46	2.6	14	25.6	169	.27	1.2	1.3
650	89- 6-24	18:23: 7.44	9:55.24	84:22.08	56.58	2.7	12	44.7	141	.22	1.2	2.8
651	89- 6-24	19:58:28.99	9:45.61	83:59.95	73.14	2.8	17	15.4	106	.26	1.4	1.7
652	89- 6-24	22:48:32.08	9:17.97	83:59.81	39.32	2.5	9	18.8	267	.17	1.2	1.0
653	89- 6-25	14:22: 2.06	9:21.16	84:31.55	2.93	2.2	11	43.5	220	.29	1.5	2.5
654	89- 6-25	15:38:37.19	9:32.39	84:15.95	43.39	2.5	12	21.1	146	.25	1.3	.9
655	89- 6-26	1: 5: 3.12	9:17.43	84: 8.08	27.74	2.2	8	12.6	308	.05	1.3	.6
656	89- 6-26	9:58:34.04	9:30.38	83:35.52	9.48	2.9	16	19.8	159	.31	1.3	5.3
657	89- 6-27	2:26:47.85	9:43.60	84:36.60	11.63	2.5	14	54.2	143	.21	.7	1.8
658	89- 6-27	6:35: 3.22	9:31.11	83:37.86	8.27	1.9	9	15.4	175	.16	1.4	18.2
659	89- 6-27	16:15:10.80	9:39.68	84:11.85	8.73	2.3	14	29.6	107	.33	.8	24.6
660	89- 6-27	19:49:49.49	9:34.48	84:43.65	9.22	2.4	11	43.5	183	.31	1.7	25.5

NUM	FECHA AA-MM-DD	T.ORIGEN HH:MM:SEG	LAT. N. GRAD:MIN	LONG.O. GRAD:MIN	PROF. KM	MAG	Mo	DM KM	GAP GRAD	RMS SEG	ERH KM	ERZ KM
661	89- 6-28	4:55: 9.21	9:34.02	83:39.37	6.24	2.2	9	12.1	281	.23	1.8	1.4
662	89- 6-28	8:23:49.80	9:38.22	84:32.88	25.16	2.4	8	39.4	181	.23	2.4	8.8
663	89- 6-28	10:59:33.35	9:36.76	83:37.76	1.47	2.4	10	16.3	283	.17	3.7	4.4
664	89- 6-29	4:30:36.35	10:22.56	83: 9.48	29.65	2.9	11	92.7	322	.20	1.8	1.3
665	89- 6-29	6: 0:14.93	9: 2.52	84:11.73	26.08	2.6	14	40.7	229	.31	2.3	3.7
666	89- 6-29	10:16:19.87	8:43.64	83:48.00	48.53	2.8	6	83.6	333	.22	3.4	15.7
667	89- 6-29	23: 6:17.90	9:34.04	83:36.13	11.24	2.5	16	18.0	163	.28	1.1	2.9
668	89- 6-30	2:36:53.31	9:39.19	84:10.95	23.30	2.3	16	28.4	106	.24	.6	2.6
669	89- 6-30	5:46:22.43	9:33.69	84:51.34	17.99	2.4	15	31.3	198	.26	1.0	1.2
670	89- 6-30	7:49: 4.13	9:39.05	84:11.48	19.13	2.5	16	28.3	108	.25	.6	1.4
671	89- 6-30	17:46:52.07	9:59.11	84:15.00	66.11	2.6	14	33.3	158	.21	1.2	1.7
672	89- 7- 1	2:58:10.91	9:35.87	84:44.59	29.22	2.8	17	41.1	176	.27	.9	2.4
673	89- 7- 1	8:22:21.24	8:38.02	82:50.96	18.24	2.7	8	30.8	212	.17	2.7	2.7
674	89- 7- 1	17:58:23.30	9:35.15	83:38.88	10.15	1.8	7	13.4	179	.11	3.9	8.2
675	89- 7- 1	20:30:44.42	9:36.09	84: 2.98	54.22	2.0	7	31.6	207	.16	2.1	3.5
676	89- 7- 2	20:45:57.24	9:32.05	84: 5.65	42.28	2.7	15	15.2	116	.22	1.0	.5
677	89- 7- 3	23:22:58.84	9:39.89	84:12.45	13.72	2.4	22	30.3	109	.34	.7	2.1
678	89- 7- 4	3:12:13.11	9:19.72	84:15.69	19.03	2.5	22	16.4	148	.30	1.0	1.2
679	89- 7- 4	3:13:52.47	9:18.86	84:17.17	26.39	2.8	27	19.6	151	.34	.8	1.1
680	89- 7- 4	7:37:16.41	9:48.72	84:22.48	48.16	2.7	24	31.2	113	.17	.7	1.1
681	89- 7- 5	2:18:50.79	9:47.95	83:58.43	7.01	1.9	8	10.6	189	.22	1.8	1.2
682	89- 7- 5	7:15:20.99	8:27.03	83: 5.96	14.28	2.8	12	3.2	187	.32	1.7	1.6
683	89- 7- 5	8:30:27.07	9:59.02	83:59.02	22.62	1.9	6	9.6	172	.19	2.7	2.0
684	89- 7- 5	9: 7:38.13	9:13.29	84:48.45	32.78	2.6	7	62.5	255	.06	1.1	2.8
685	89- 7- 5	9:17: 1.18	9:10.22	84:51.06	30.63	2.7	6	65.2	264	.21	2.4	6.3
686	89- 7- 5	9:40:48.64	9:10.43	84:47.00	23.27	2.5	7	68.3	260	.21	2.1	14.3
687	89- 7- 5	13:30:45.92	9:13.81	84:50.04	41.81	2.8	8	60.2	256	.29	3.6	1.3
688	89- 7- 5	15: 3: 2.21	9:18.43	83:19.52	4.67	2.6	9	30.3	166	.27	1.7	2.5
689	89- 7- 6	3:43:34.84	9:38.95	83:46.12	12.88	2.4	13	10.4	148	.21	1.0	.9
690	89- 7- 6	9:43: 3.77	9:33.33	83:38.13	4.57	2.3	9	14.3	285	.20	1.7	1.0
691	89- 7- 7	4:52:41.54	8:38.25	83: 7.62	18.93	2.3	5	22.5	175	.22	1.8	5.8
692	89- 7- 7	5:16:47.18	9:27.12	84:18.48	23.21	2.6	17	20.0	179	.23	.9	1.2
693	89- 7- 7	7:18:39.94	10:30.09	86: 9.91	1.92	3.0	8	77.4	333	.23	7.2	10.0
694	89- 7- 7	8:49: .14	9:48.35	84:55.32	15.11	2.3	10	23.0	166	.20	.8	2.8
695	89- 7- 7	8:53:44.13	9:47.26	84:55.75	20.38	2.3	7	21.4	186	.15	1.0	1.5
696	89- 7- 7	11:10:36.36	8:14.15	82:53.70	28.99	2.8	7	30.1	310	.18	2.1	1.0
697	89- 7- 7	17:20:26.16	9:34.78	83:36.93	13.54	2.8	17	16.7	163	.30	1.3	1.9
698	89- 7- 7	23:58: 9.64	9:25.10	82:35.40	16.67	2.9	12	61.0	268	.28	1.6	2.6
699	89- 7- 8	14: 3:43.35	9: 9.58	83:50.84	36.09	2.4	13	41.4	128	.27	.9	2.2
700	89- 7- 8	15:10:19.17	9:31.67	83:52.29	64.25	2.5	9	12.0	170	.15	1.2	1.7
701	89- 7- 8	19:24:28.44	10: 6.92	83:55.16	20.80	2.2	8	16.5	279	.21	2.2	.8
702	89- 7- 8	19:28:41.16	10: 8.67	83:55.39	15.05	2.4	16	19.8	218	.25	1.3	1.6
703	89- 7- 9	5:33:17.98	9:28.44	84: 8.18	43.33	2.7	14	7.9	140	.23	1.1	.6
704	89- 7- 9	9:29:13.16	9:39.24	84:55.36	20.87	2.8	15	20.5	178	.24	1.1	.9
705	89- 7- 9	10:50:49.77	9:39.45	84:55.47	20.49	2.9	17	20.2	176	.24	.8	.9
706	89- 7-10	1:16: 3.16	10:19.05	84:38.46	15.95	3.0	17	17.7	123	.24	.8	1.4
707	89- 7-10	1:36:14.74	10:18.60	84:38.40	8.24	2.9	16	18.6	121	.26	.9	6.4
708	89- 7-10	2:56:32.28	9:36.65	84: 1.65	29.50	2.4	15	25.8	97	.34	1.0	1.5
709	89- 7-10	14: 6:45.47	9:37.60	84: 1.89	31.91	2.8	20	27.2	84	.22	.7	.8
710	89- 7-11	11:20:50.27	10:38.10	84:54.02	88.96	2.8	8	38.7	226	.41	4.3	3.5
711	89- 7-11	14: 8:48.63	10:27.73	85:35.39	40.72	2.5	6	33.7	220	.26	1.8	2.7
712	89- 7-11	15:35:12.31	10:28.36	85:23.58	54.89	2.5	6	35.4	156	.19	1.3	2.8
713	89- 7-12	1:31:41.57	9: 9.87	83:54.29	27.95	2.5	11	36.5	142	.21	.8	2.4
714	89- 7-12	6:11:41.99	8:47.45	83: 5.42	69.91	2.7	8	35.5	111	.26	1.7	2.7
715	89- 7-12	8:34:53.94	8:33.30	83: 4.02	22.96	2.5	6	12.4	153	.09	1.2	2.2
716	89- 7-13	4:58: 3.64	9:26.52	84:32.19	24.26	2.7	18	44.5	158	.32	.9	4.6
717	89- 7-13	5: 2:15.71	9:37.29	84: 1.67	29.82	2.8	21	26.9	84	.30	.8	1.2
718	89- 7-13	6:20:35.96	10:21.72	84:38.50	68.08	2.7	12	34.9	220	.23	2.0	1.8
719	89- 7-13	8:38:11.27	9:41.21	84:55.49	20.44	2.8	18	19.6	166	.28	1.0	1.0
720	89- 7-13	8:46:14.90	9:40.75	84:55.66	21.74	2.8	18	19.4	169	.21	.9	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	ERH KM	ERZ KM
721	89- 7-13	10:31: 1.72	8:48.83	84:33.64	35.46	2.7	13	80.7	300	.34	2.7	1.3
722	89- 7-13	16:24: 6.63	9:52.83	83:48.78	.75	2.2	11	13.5	191	.13	1.0	.7
723	89- 7-14	2:25:58.35	9:22.16	84:16.00	18.45	2.7	25	15.2	143	.30	.8	1.0
724	89- 7-14	3:43:30.45	9:23.84	84:16.17	17.87	2.4	21	15.1	141	.27	.6	1.2
725	89- 7-14	8:35:45.99	9:41.15	84:55.30	19.16	2.6	18	20.0	163	.24	.8	.9
726	89- 7-15	5:55:41.94	9:31.92	84:32.87	19.72	2.4	8	47.8	181	.16	.9	1.7
727	89- 7-15	6:24:14.26	8:19.38	82:55.57	28.81	2.9	7	20.8	320	.10	2.6	.8
728	89- 7-16	20:27:35.86	9:33.42	84: 3.32	51.37	2.7	12	19.1	117	.28	1.4	2.2
729	89- 7-17	4:22:40.79	9:20.19	84:46.15	25.66	2.8	14	54.7	235	.33	1.6	6.3
730	89- 7-17	6:49:20.08	9:34.50	84:47.45	34.79	2.4	8	37.0	189	.28	1.4	3.1
731	89- 7-17	18: 2:36.66	8:58.50	84:24.56	35.50	2.8	16	95.7	206	.29	1.4	1.2
732	89- 7-18	1:33:39.24	9:39.31	84:11.58	16.93	2.7	23	28.8	107	.29	.6	1.2
733	89- 7-20	0: 3: 8.32	8:38.14	83: 3.64	43.45	2.9	13	21.4	135	.23	1.3	2.3
734	89- 7-20	7:34:45.22	9:29.99	83:39.38	6.35	2.3	12	13.5	168	.19	1.5	.8
735	89- 7-20	15: 2:25.26	9:10.24	83:52.24	29.18	2.7	12	38.7	297	.23	1.5	1.1
736	89- 7-21	0:20:57.55	9:33.89	84: 4.92	20.99	2.2	10	18.8	174	.20	1.7	1.8
737	89- 7-21	15:52:46.22	10: 8.51	84:40.80	70.54	2.9	17	19.5	145	.28	1.4	1.3
738	89- 7-22	4:46:28.22	9:25.03	84:37.81	40.55	2.6	11	54.7	211	.42	2.5	1.3
739	89- 7-22	6:18:39.46	8:52.32	84:35.65	36.41	3.0	7	77.8	289	.14	2.3	.7
740	89- 7-23	3:43: 7.28	9:10.19	84: 9.23	31.41	2.6	11	26.1	261	.39	2.6	2.0
741	89- 7-23	4:38:27.08	9:51.75	83:57.60	19.07	2.3	9	3.4	118	.34	1.5	3.5
742	89- 7-23	5:54:36.52	9:35.61	84:42.72	31.66	2.4	7	44.5	270	.20	1.9	2.5
743	89- 7-23	8:26:52.23	9:33.32	83:36.46	9.21	2.3	7	17.4	162	.19	3.3	17.1
744	89- 7-23	12:36: .02	9:43.52	84:56.00	19.71	2.4	9	18.8	164	.17	.9	.9
745	89- 7-23	14:55:13.93	9:39.80	84:58.30	19.86	2.3	6	15.1	239	.07	1.8	.9
746	89- 7-24	6:58:27.77	9:26.60	84:52.77	25.51	2.5	13	37.8	227	.24	1.5	4.6
747	89- 7-24	22:25:11.87	9:35.09	83:39.53	6.83	2.2	13	12.2	280	.20	1.2	.7
748	89- 7-25	0:58:45.86	9:38.47	84:52.02	20.56	2.8	21	26.8	177	.26	.8	1.1
749	89- 7-25	3:11:49.43	9:40.60	84:31.65	23.99	2.4	20	35.4	148	.29	.8	3.0
750	89- 7-25	5:26: .10	9: 2.19	84:10.28	18.58	2.5	15	41.0	192	.28	1.3	1.3
751	89- 7-25	12:59:35.25	8:51.35	84: 6.92	20.37	2.1	8	31.3	239	.30	3.3	1.6
752	89- 7-25	16:34:15.74	9:10.98	83:53.89	36.02	2.4	7	35.5	157	.22	1.8	2.3
753	89- 7-25	17:20:42.41	8:53.73	83:58.95	18.56	2.4	7	23.7	196	.12	1.3	1.5
754	89- 7-26	20: 8: 5.67	10: 2.19	84:38.51	55.77	2.5	9	7.3	141	.08	.9	.8
755	89- 7-28	14:38: 4.35	9:21.85	84:42.69	13.30	2.7	16	57.0	209	.20	1.0	2.3
756	89- 7-28	14:55:15.51	9:29.14	84:39.06	7.61	2.5	8	55.1	188	.18	1.1	2.7
757	89- 7-28	17:50:11.37	10:35.81	85:26.91	6.75	2.8	7	22.9	186	.34	5.3	7.9
758	89- 7-29	3: 8:27.44	10: 6.91	83:43.03	25.13	2.1	6	25.6	288	.13	1.6	2.1
759	89- 7-29	5:55:47.29	9:38.03	83:40.90	.02	1.9	6	12.7	259	.37	3.4	2.1
760	89- 7-29	23: 1:56.97	9:26.96	85:55.58	47.14	2.9	6	89.5	294	.33	9.8	22.0
761	89- 7-30	3:45:50.23	9:42.70	83:56.95	13.46	2.1	8	26.6	164	.12	1.4	2.7
762	89- 7-30	4:46:21.04	9: 8.25	84: 1.94	10.00	2.1	7	31.5	243	.08	1.4	10.1
763	89- 7-30	11: 9: 6.76	9:37.65	84: .77	7.93	2.2	15	28.2	95	.18	.6	2.8
764	89- 7-30	13:26:11.58	10:21.37	84:56.64	79.01	2.6	6	7.3	232	.12	3.6	1.9
765	89- 7-30	17: 6:34.86	9:44.01	84: 2.26	69.85	2.6	16	19.6	93	.26	1.2	1.7
766	89- 7-30	17: 7:26.93	9:32.29	84:58.33	18.90	2.5	15	23.1	223	.36	1.4	1.8
767	89- 7-31	22: 2:56.51	9:34.79	84:57.59	8.51	2.1	9	20.7	209	.15	1.1	16.7
768	89- 7-31	22:33: 6.71	9:26.13	84:32.92	32.70	2.4	13	45.8	202	.12	.8	2.4
769	89- 8- 1	6:27: 7.88	9:38.93	83:57.45	22.80	1.7	9	23.5	183	.09	1.2	2.8
770	89- 8- 1	6:57:20.50	9:48.82	84:18.61	54.63	2.4	16	31.6	106	.25	1.2	2.5
771	89- 8- 1	15:13:53.82	9: 1.48	84: 9.97	9.26	2.4	13	42.3	201	.34	1.6	25.2
772	89- 8- 1	16:10:55.40	9:59.53	83:49.82	3.66	2.0	5	7.8	280	.14	11.6	12.6
773	89- 8- 1	19:26: 1.94	9:48.66	84: 4.36	32.98	2.1	4	15.3	277	.01	2.8	3.7
774	89- 8- 2	1:24:51.18	8:37.33	82:46.24	23.80	2.8	10	30.5	237	.41	2.2	1.5
775	89- 8- 2	3:49:55.43	8:47.59	83: 2.43	22.76	2.3	8	33.0	116	.22	.8	3.8
776	89- 8- 2	4:59:57.71	9:43.54	84:56.56	19.66	2.3	8	17.8	210	.22	1.7	1.1
777	89- 8- 2	5: 1:12.59	9:17.38	83:53.48	45.88	2.9	8	29.3	271	.23	2.0	1.4
778	89- 8- 2	6:31:35.98	9:45.01	83:50.00	9.22	2.0	6	22.9	177	.16	2.3	13.4
779	89- 8- 2	16:49:50.24	9:57.84	85:18.98	9.65	2.3	8	33.5	171	.28	1.0	19.9
780	89- 8- 2	17:40:23.02	9:35.70	84: 5.07	47.74	2.5	12	22.0	114	.25	1.0	2.0

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
781	89- 8- 3	4:18:28.71	8:37.70	82:44.39	19.94	2.7	9	29.9	245	.33	2.7	1.2
782	89- 8- 3	6:32:54.66	8:19.13	82:50.05	22.49	3.0	11	29.5	292	.31	2.2	1.1
783	89- 8- 3	8:45:59.38	9:38.00	83:40.69	.03	2.0	8	12.9	260	.29	2.1	1.7
784	89- 8- 3	9:20:10.02	9:38.95	84:55.30	18.76	2.7	15	20.8	193	.26	1.1	1.3
785	89- 8- 3	10:15:37.21	9:23.77	83:49.74	70.29	2.7	11	19.0	157	.23	1.6	1.8
786	89- 8- 3	10:26:22.36	9:41.86	84:53.15	24.38	2.7	17	23.9	160	.32	1.2	2.3
787	89- 8- 3	10:28: 2.12	9:41.32	84:52.98	27.95	2.5	12	24.2	178	.26	1.1	1.8
788	89- 8- 3	12:23:42.42	9:43.62	83:53.97	8.47	2.3	14	19.6	142	.34	1.0	25.6
789	89- 8- 3	20:37: 8.41	8:19.06	82:43.18	8.78	2.5	6	41.1	293	.08	1.3	13.9
790	89- 8- 4	10:35: 4.78	8:15.25	82:42.86	29.35	2.8	8	44.5	302	.24	2.0	1.1
791	89- 8- 4	15:56:27.02	9:30.58	84:11.07	38.17	2.5	12	13.2	166	.20	.9	1.7
792	89- 8- 5	11:37:17.55	9:44.24	83:54.04	9.10	2.0	7	25.1	143	.09	.8	12.4
793	89- 8- 6	1:24:29.89	9:29.98	83:36.97	8.33	2.2	8	17.6	290	.18	1.6	19.0
794	89- 8- 6	5:34:21.80	9:42.82	85: .55	27.76	2.3	7	10.4	207	.29	2.1	2.3
795	89- 8- 6	8:13:25.78	9:29.15	83:52.87	66.19	2.7	16	14.8	125	.17	1.0	1.1
796	89- 8- 6	10:14:22.45	9: 5.51	84: 6.06	31.53	2.4	8	34.8	262	.16	1.4	1.9
797	89- 8- 6	10:18:34.79	9: 3.14	84: 8.28	29.82	2.9	18	39.0	164	.32	1.1	1.7
798	89- 8- 6	12:43:12.55	9:59.54	85:18.31	8.67	2.3	10	32.5	161	.31	1.0	27.8
799	89- 8- 6	14:27:31.99	10:22.78	85: .00	59.60	2.6	10	11.2	176	.18	1.1	1.5
800	89- 8- 6	15:13:43.07	9:58.87	85:19.18	19.30	2.5	10	32.0	167	.31	.9	1.7
801	89- 8- 6	16:40:45.89	9:47.32	83:38.66	.94	1.9	4	29.1	262	.01	3.8	1.7
802	89- 8- 6	17:32:45.23	9:33.30	84:43.74	34.68	2.6	11	44.2	182	.26	1.1	1.6
803	89- 8- 6	17:59:39.09	9:18.78	84:22.49	5.61	2.2	6	28.5	230	.03	.8	1.0
804	89- 8- 6	19:55:36.43	8:17.24	82:49.94	27.05	2.9	11	31.5	298	.28	1.9	1.1
805	89- 8- 7	3: 6:55.36	9:35.34	83:41.93	16.84	2.0	6	8.3	171	.02	5.8	4.2
806	89- 8- 7	3: 9:16.01	8:23.81	83: 4.08	15.11	2.2	5	5.2	310	.01	1.9	1.0
807	89- 8- 7	11:26:56.03	8:29.88	83: 3.70	27.16	2.9	13	6.2	154	.21	.9	.9
808	89- 8- 7	15:55:53.21	9:32.99	83:42.39	4.81	2.1	8	6.6	165	.07	1.1	.6
809	89- 8- 7	16:51:11.61	8:17.01	82:41.68	18.76	2.3	6	45.0	299	.03	1.2	.9
810	89- 8- 7	23:19:28.05	9:56.95	83:54.77	18.35	2.0	6	2.7	132	.03	1.8	1.3
811	89- 8- 8	2:48:44.77	9:28.08	84:51.51	16.25	2.5	12	37.3	219	.26	1.2	2.8
812	89- 8- 8	4:13: 1.89	9:22.60	84:37.20	18.75	2.3	11	53.6	219	.20	1.2	1.4
813	89- 8- 8	9:59: 9.51	8:30.03	82:37.63	15.74	2.2	5	46.4	281	.09	1.8	7.3
814	89- 8- 8	10:37:28.77	8:35.77	83:10.82	23.21	2.2	6	20.8	202	.04	1.1	2.4
815	89- 8- 8	10:40:18.37	8:33.06	83:14.03	37.89	2.5	6	21.6	230	.05	1.0	1.5
816	89- 8- 8	14: 9: 5.68	8:31.56	83:17.99	55.55	2.6	6	26.8	251	.15	1.7	2.6
817	89- 8- 8	23:58:49.44	9:40.70	84:53.38	25.41	2.5	9	23.6	204	.20	1.2	2.8
818	89- 8- 9	8:18:17.21	9:12.52	84: 6.75	33.17	2.4	10	21.7	285	.12	1.2	1.0
819	89- 8- 9	16: 3:44.14	9:19.91	83:40.20	39.25	2.5	11	27.0	151	.37	2.7	1.1
820	89- 8- 9	16:57:28.87	10:14.70	85: 9.50	30.25	2.4	6	23.1	179	.05	.7	1.9
821	89- 8- 9	22:10: 3.89	9:15.94	84: 4.11	35.87	2.8	16	16.9	160	.33	1.2	1.0
822	89- 8-10	14:19:45.01	8:21.32	82:48.95	17.96	2.5	8	29.7	284	.17	1.6	1.1
823	89- 8-10	16:59:43.74	9:43.41	84: 6.21	60.57	2.3	8	33.4	183	.13	1.6	2.2
824	89- 8-10	20:39:43.60	8:18.38	82:48.35	17.41	2.4	6	32.9	294	.07	1.4	1.2
825	89- 8-11	6:10: .74	8:17.77	82:47.50	19.18	2.4	6	34.8	296	.22	1.9	2.1
826	89- 8-12	2:10:41.85	8:22.20	82:55.92	29.30	2.9	6	17.4	282	.29	3.4	1.0
827	89- 8-13	14:25:41.08	9:37.95	85:11.39	21.27	2.8	15	12.2	225	.24	1.2	1.4
828	89- 8-13	22:42:47.60	10:38.67	85:48.72	40.86	2.7	7	50.1	280	.23	2.5	.9
829	89- 8-14	6:34:12.83	9:27.54	84:32.40	19.81	2.3	9	45.2	197	.28	1.5	2.2
830	89- 8-14	11:11:40.94	10:20.54	86: 9.21	.21	3.0	11	69.3	331	.21	2.3	3.0
831	89- 8-15	4:37: 8.88	9:22.83	84: 9.46	41.91	2.5	17	3.7	177	.30	1.3	.7
832	89- 8-15	8:59:19.27	9:40.29	83:45.92	.11	2.2	15	12.9	151	.21	.6	1.0
833	89- 8-15	9: 8:30.72	9:37.21	83:35.36	18.96	2.8	18	50.8	172	.26	1.0	1.3
834	89- 8-15	9:37: 7.36	9:34.16	83:38.37	10.05	2.4	21	13.9	159	.33	1.1	2.3
835	89- 8-15	9:59:31.85	9:35.89	83:41.24	5.36	2.0	12	9.9	174	.09	.8	.6
836	89- 8-15	10:13:31.92	9:33.29	83:39.04	12.76	1.9	13	12.7	175	.29	1.2	4.3
837	89- 8-15	10:51:48.12	9:34.38	83:36.64	10.65	2.7	20	17.1	163	.37	1.3	2.1
838	89- 8-15	10:56:12.46	9:33.34	83:36.94	13.52	2.8	22	16.5	160	.37	1.4	1.7
839	89- 8-15	12:36:32.60	9:34.16	83:36.77	14.65	2.8	20	16.9	163	.35	1.0	1.3
840	89- 8-15	15:57:28.67	9:33.18	83:38.50	5.31	1.9	11	13.6	177	.24	1.0	.8