LOW-LEVEL SEISMIC MONITORING IN THE SOUTHWEST YUKON TERRITORY

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ABSTRACT

A temporary seismograph network was operated in the southwest Yukon Territory over a 31-month period from September 1978 to March 1981 to monitor the region of the proposed Alcan gas pipeline route. Seismic phase data from this network and from USGS seismograph stations, situated mainly along the coast of southeast Alaska, permitted the location of most earthquakes above magnitude 2 in the region of the pipeline route. This Open-File Report lists epicentres and magnitudes for 2,081 earthquakes located in the southwest Yukon Territory and adjacent areas of southeast Alaska and northwest British Columbia. In the autumn of 1979 a 5-week microearthquake survey was conducted along a 40-km segment of the Denali fault zone near the southern end of Kluane Lake. This report presents hypocentral parameters and a composite P-nodal solution for 26 of the microearthquakes that were detected during the field survey.

RESUME

Un réseau temporaire de séismographes a été exploité dans le sud-ouest du Territoire du Yukon pendant une période de 31 mois, depuis septembre 1978 jusqu'en mars 1981, afin de surveiller la région de la route proposée pour le gazoduc Alcan. Les données de phase séismique enregistrées par ce réseau et par des stations séismographiques de l'USGS, situeés pour la plupart sur la cote sud-est de l'Alaska, ont permis la localisation de la majorité des tremblements de terre de magnitude supérieure à 2 qui s'étaient produits dans le voisinage de la route du gazoduc. Ce dossier publique énumère l'épicentre et la magnitude de 2081 trembelements de terre qui se sont situés dans le sud-ouest de Territoire du Yukon et dans les régions avoisinantes du sud-est de l'Alaska et du nord-ouest de la Colombie-Britannique. A l'automne de 1979 un relevé tremblements de terre d'une durée de cinq semaines a été effectué sur un secteur de 40 km de long du zone de la faille Denali, à proximité du bout sud du lac Klouane. Ce dossier publique présente les paramètres de l'hypocentre et une solution composée P nodale de 26 des micro-tremblements de terre qui ont été détectés pendant l'expérience sur le terrain.

INTRODUCTION

A low-level monitoring program was initiated in the southwest Yukon in the Fall of 1978, primarily as a basis for seismic risk evaluation along the proposed Alcan gas pipeline route in the region of the Alaska Highway (Figure 1) under a joint venture between the Earth Physics Branch (EPB) and Foothills Pipe Lines (South Yukon) Ltd. For almost 200 km the route parallels a significant but poorly defined zone of seismicity associated with the Denali fault system and lies within 150 km to 200 km of the active plate boundary along the coast. The primary objective of this program was to enhance the regional earthquake monitoring provided by the permanent northern Canadian seismograph stations through the operation of three temporary regional seismographs and subsequent analysis of recorded data.

This report describes the network operation and lists the epicentres and magnitudes of events recorded over the period from 01 September 1978, to 31 March 1981. A five week microearthquake survey over a 20 km segment of the Denali fault zone near the south end of Kluane Lake is also described. A discussion of these data and their relationship to the Denali fault system in the southwest Yukon and the plate interaction along the coast of southeast Alaska is given by Horner (1983).

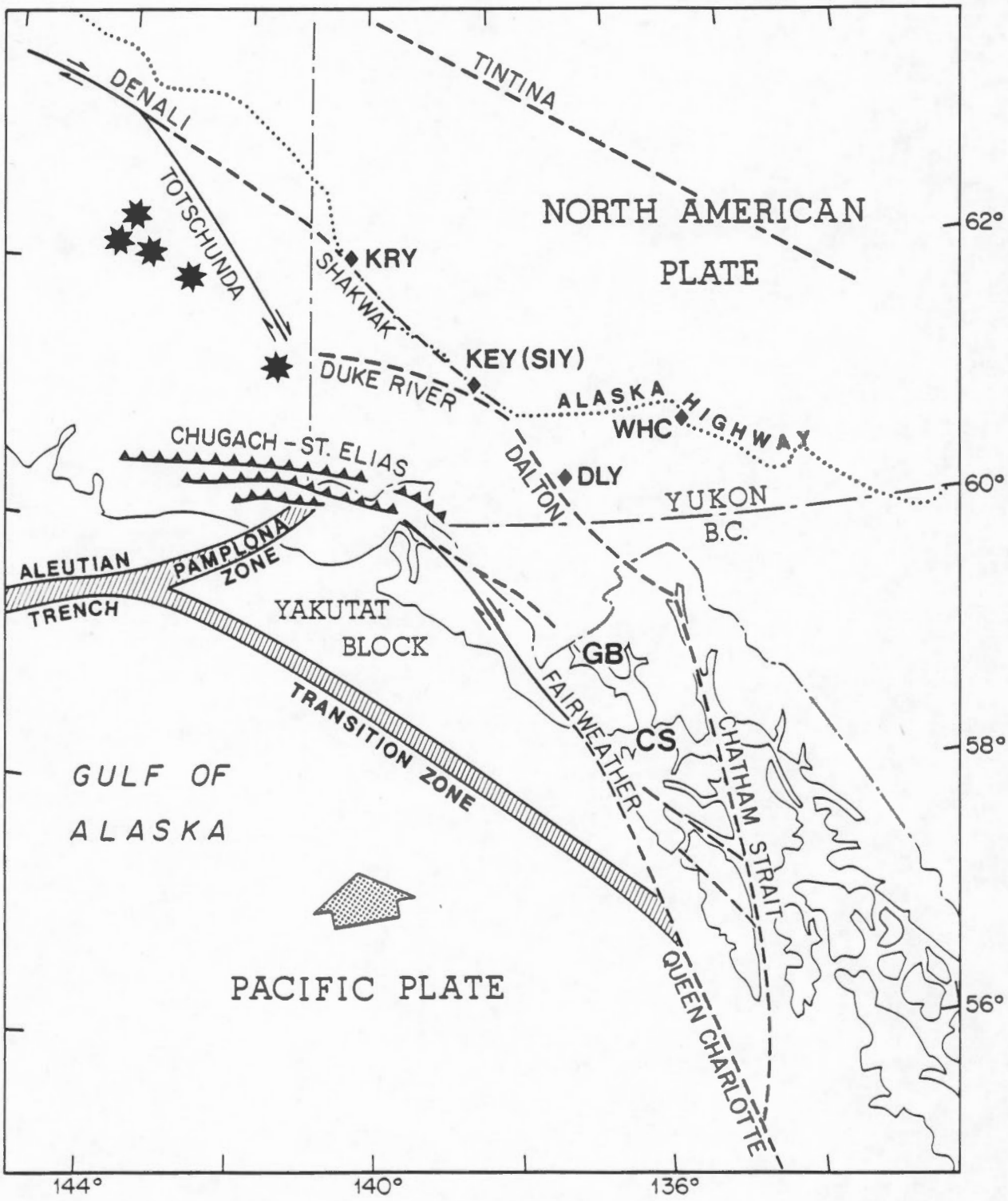

Fig. 1. Location of the temporary seismograph stations in the southwest Yukon. WHC is a permanent station. Major tectonic elements in the St. Elias region after Plafker et al.(1978). Stars denote volcanoes of Quaternary age. Relative motion between Pacific and American plates indicated by arrow. Most of the convergence is accomodated by predominantly strike-slip faulting on the Queen Charlotte - Fairweather fault and thrust faulting along the Pamplona zone extending into the Aleutian megathrust. Dashed fault lines on land indicate those with no geologic evidence for Holocene displacement. Other symbols are GB - Glacier Bay; CS - Cross Sound.

STATION INSTRUMENTATION AND OPERATION

Three EPB regional modular seismographs were installed in the southwest Yukon in the fall of 1978. Station locations and operating periods are listed in Table 1. Station operators and addresses are listed in Table 2. KEY was relocated at SIY (Figure 1) for about a 4 month period during the program. Each seismograph uses a single short-period vertical Geotech S-13 seismometer, an EPB preamplifier and a Geotech Helicorder. The signal is recorded on heat sensitive paper at a speed of 60 mm per minute. Timing is provided by an EPB digital chronometer regularly rated with WWV. Calibration curves for these stations plus the short-period vertical component seismograph at Whitehorse (WHC) are shown in Figure 2. The gain at SIY ranged up to a factor of 3 higher than shown depending on background noise levels. KEY operated at the same gain as KRY until 20 October 1978.

TABLE 1

Station locations and operating times

Location	Code	Latitude N	Longitude W	Elevation m	Operating period
Dezadeash Lake	DLY	60°22.2'	137°03.9'	738	03/09/78-31/03/81[1]
Kluane Lake	KEY	61°03.0'	138°30.1'	785	26/08/78-26/07/81[2]
Koidern River	KRY	61°58.2'	140°24.5'	686	29/08/78-31/03/81[3]
Silver City	SIY	61°01.9'	138°24.4'	785	05/12/79-27/03/80

[1]DLY did not operate 10/02/79 - 01/03/79; 13/07/80 - 30/07/80

[2]KEY did not operate 23/11/79 - 28/03/80

[3]KRY did not operate 03/10/79 - 14/11/79; 09/12/80 - 02/01/81

TABLE 2

Station operators and addresses

Station	Operators	Address
DLY	Heinz and Kate Eckervogt Liz and Jurg Hofer*	Dezadeash Lodge Mile 125, Haines Highway Yukon Territory
KEY	Julius and Connie Dyck	Bayshore Motel Mile 1064, Alaska Highway Yukon Territory
KRY	Jim and Dorothy Cook	Koidern River Fishing Lodge Mile 1164, Alaska Highway, Yukon Territory
SIY	Andy Willaims	Arctic Institure of North America Mile 1054, Alaska Highway Yukon Territory

*October 1980 - March 1981

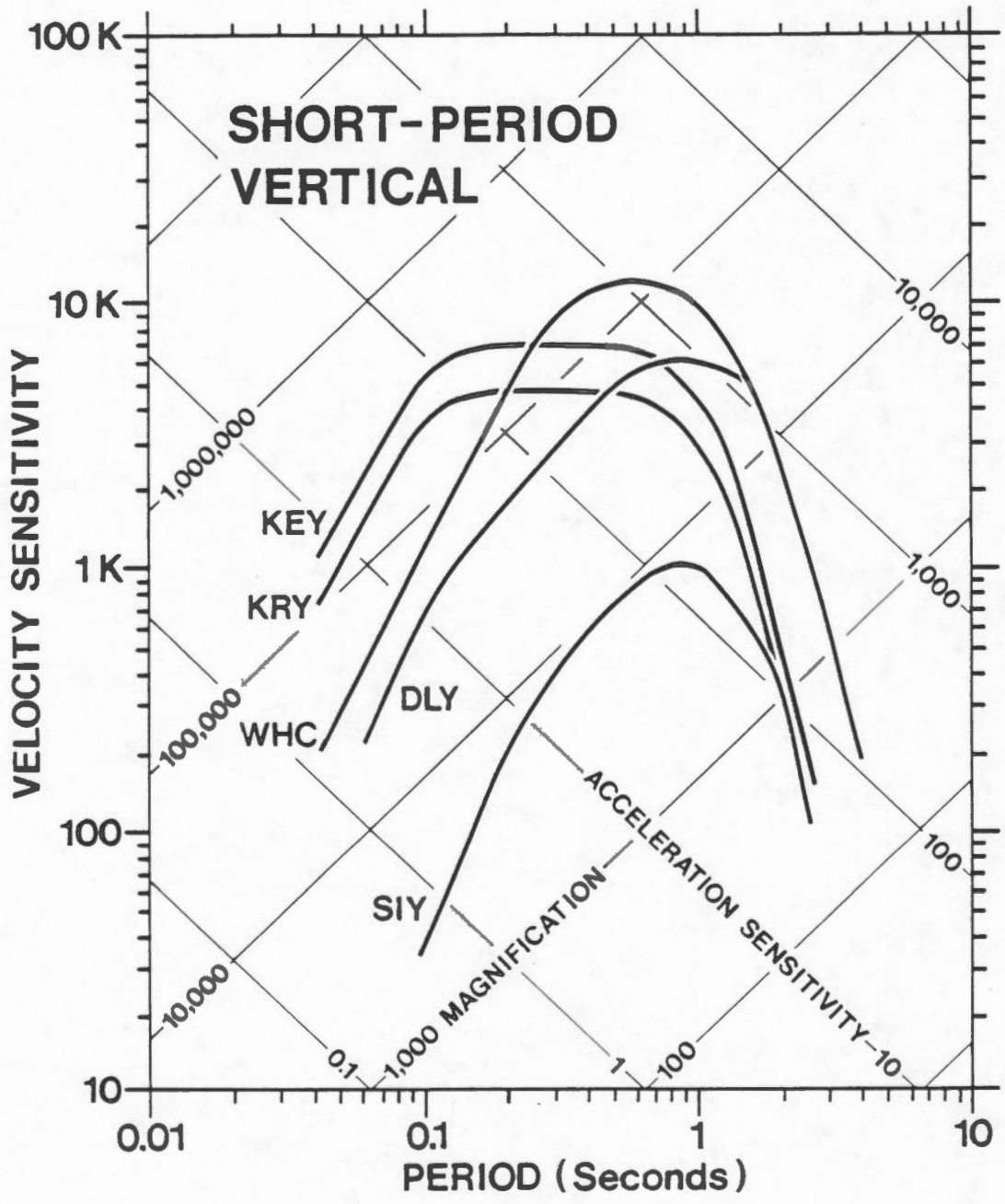

Fig. 2. Calibration curves for the seismograph stations in the southwest Yukon. The gain at SIY ranged up to a factor of 3 higher than shown depending on background noise levels. KEY operated at the same gain as KRY until 20 October 1978.

Operation and Maintenance Activities

DLY

30 August - 02 September 1978. Site selection, station installation and operator training. A Willmore Mark II seismometer was substituted for the Geotech S-13 due to a broken spoke in the latter. As at all of these stations, the seismometer was housed in a covered metal culvert on a cement pad and connected by cable to the recorder. At this site because of the absence of nearby bedrock, the seismometer was buried in alluvium.

18 October 1978. The Willmore seismometer was replaced with the Geotech S-13 seismometer, a cable splice repaired, and the seismograph calibrated.

20 November 1978. The seismometer cable was replaced and the system calibrated.

26 February - 01 March 1979. A broken seismometer cable was repaired and the system recalibrated.

13 May 1980. An intermittant recording trace was corrected and water was emptied from the culvert housing the seismometer.

30 July - 01 August 1980. A broken cable was repaired.

October - November 1980. Routine maintenance and training of new operators.

31 March 1981. Station closed.

KEY

23 - 25 August 1978. Site selection, station installation and operator training. Seismometer was located on bedrock.

04 September 1978. Seismograph was calibrated.

20 October 1978. Routine maintenance and seismograph gain increased.

01 March 1979. Strong motion seismograph installed.

23 November 1979. Seismograph sent to Ottawa for repairs.

05 December 1979. Station relocated at SIY (7 km east of KEY) due to the closure of the motel for the remainder of the winter. At SIY, the seismometer was placed on frozen ground and covered.

28 March 1980. Station relocated at KEY.

12-16 May 1980. Routine maintenance plus repairs to the radio and seismometer cables.

26 July 1980. Station closed.

KRY

26-29 August 1978. Site selection, station installation and operator training. Seismometer located on permafrost at a depth of about 1 metre.

03 September 1978. Station calibrated and a dipole antenna installed to improve radio reception.

03 October 1979. Seismograph sent to Ottawa for repairs.

14 November 1979. Seismograph returned and operation resumed.

10-17 May 1980. Chronometer replaced and routine maintenance.

09 December 1980 - 02 January 1981. Station down due to a faulty power supply.

31 March 1981. Station closed.

DATA ANALYSIS

Epicentral solutions for 2,081 earthquakes over the period from 01 September 1978 to 31 March 1981, are plotted in Figures 3 to 7 and listed in the appendix. With the four seismographs in the southwest Yukon (Figure 1) and the USGS stations in southeastern Alaska, predominantly to the west of Yakutat Bay (see Stephens et al., 1980), most events above magnitude 2 could be located along the Denali fault zone. Along the coast of southeastern Alaska, mainly north 58°N and east of 143°W, completeness is obtained down to about magnitude 2-1/2. A more complete record of low-level seismicity in southeastern Alaska can be obtained from catalogues prepared by the USGS (e.g. Stephens et al., 1979).

Epicentres within the dimensions of the network are generally considered accurate to better than 15 km. Epicentral solutions are obtained using P_n, P_l, S_n and S_l phases in the standard Canadian crustal model (Horner et al. 1980). Focal depths were restrained in most cases to 18 km (1/2 the model crustal thickness). Restraining crustal focal depths to other values does not significantly change the computed epicentres.

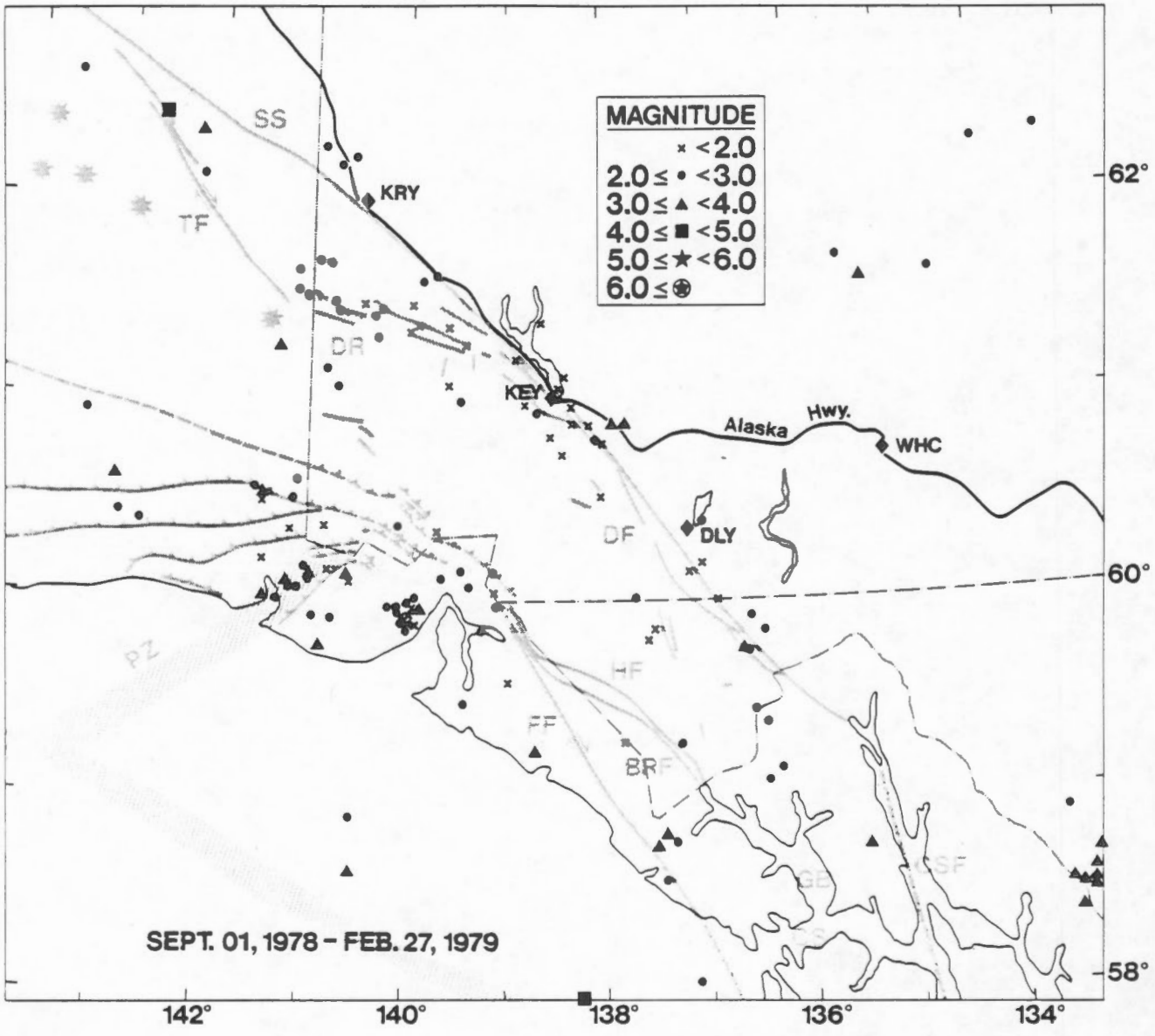

Fig. 3. Seismicity in the St. Elias region over the six month period preceeding the 28 February 1979, M 7.2 earthquake. Locations of only the Canadian seismograph station are shown. Major faults in the southwest Yukon after Campbell and Dodds (1978). Faults are TF - Totschunda; DR - Duke River; DF - Dalton; CSF - Chatham Strait; PZ - Pamplona; FF - Fairweather; HF - Hubbard; BRF - Border Ranges.

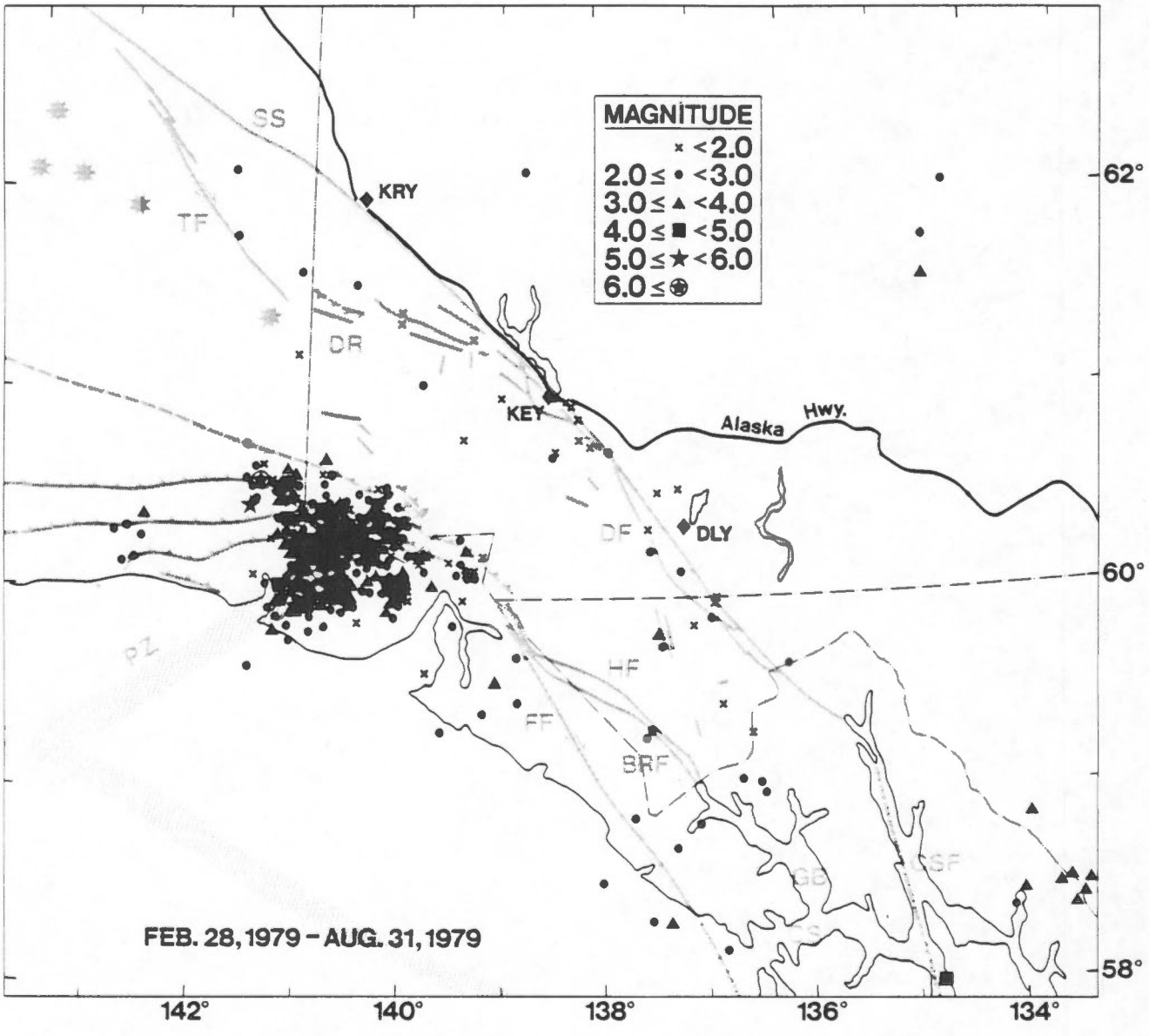

Fig. 4 Seismicity in the St. Elias region over the six month period succeeding the 28 February 1979, M 7.2 earthquake. Aftershock activity occurs southeast of the mainshock and shows northeast trends coinciding with the extension of the Pamplone zone into southeast Alaska. The rate of activity on the Denali appears to be about half the rate in the preceeding 6 months.

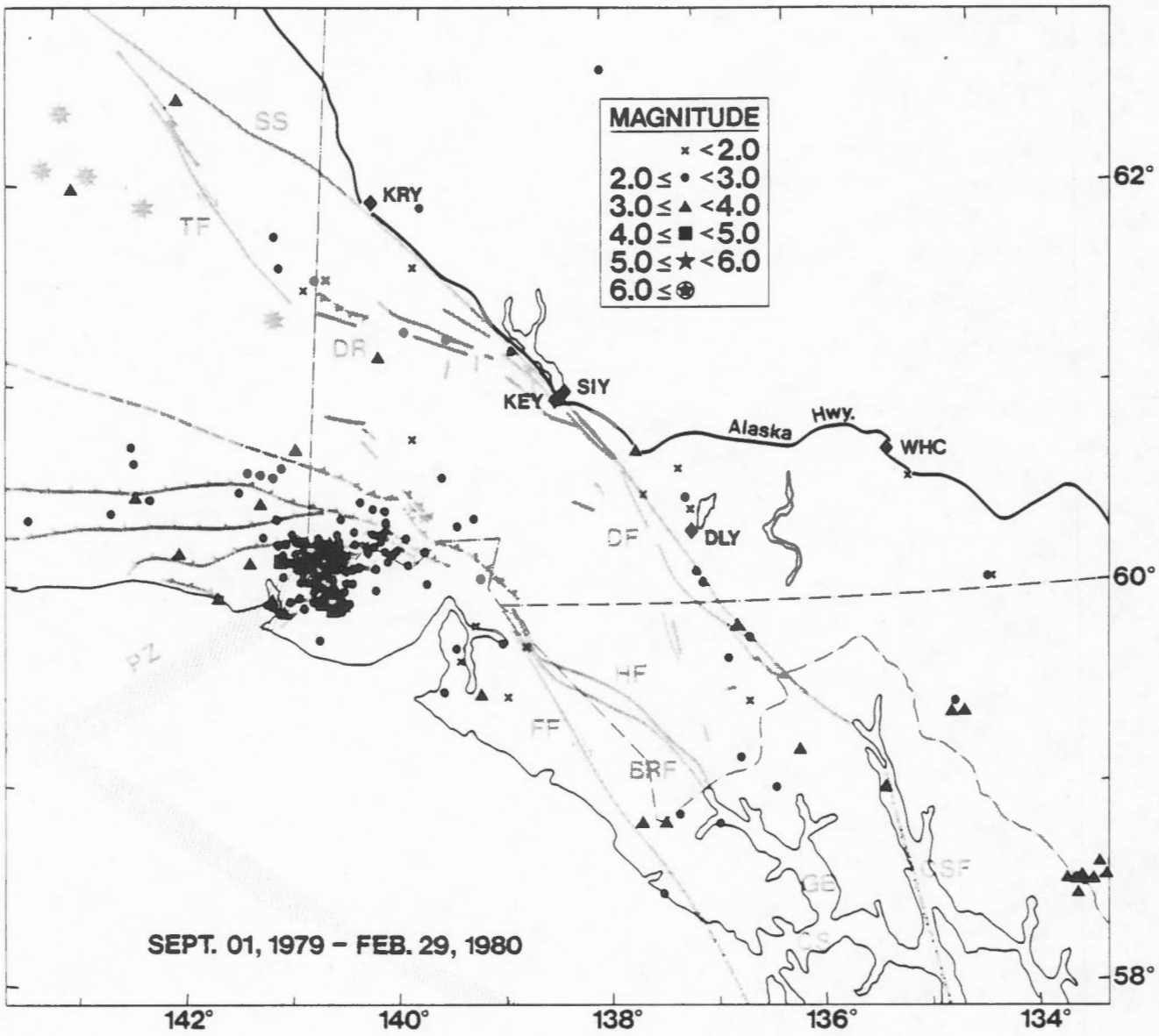

Fig. 5. Seismicity in the St. Elias region from 01 September 1979, to 29 February 1980. The seismograph at KEY was closed from 23 November 1979, to 28 March 1980. SIY operated from 05 December 1979, to 27 March 1980.

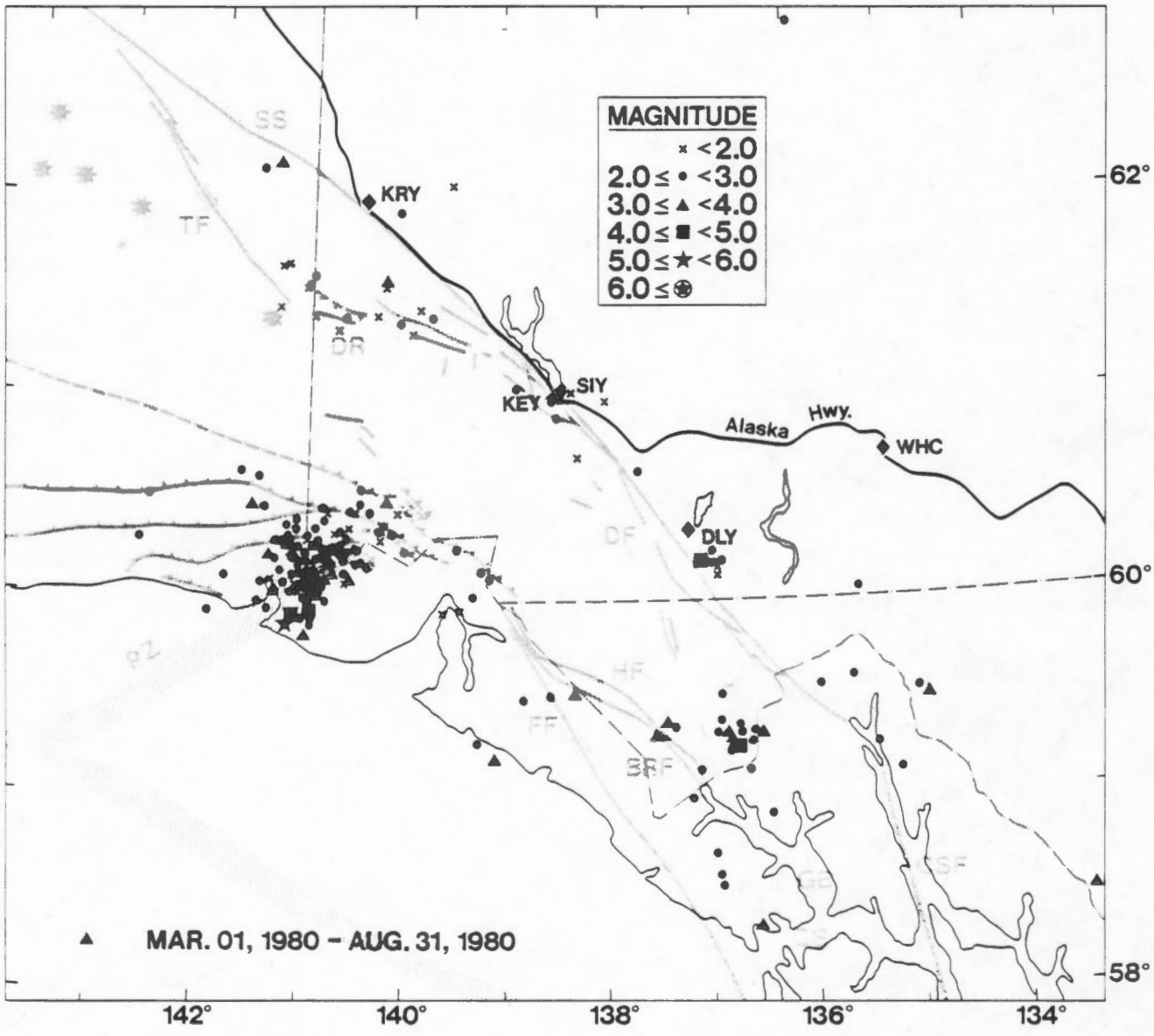

Fig. 6. Seismicity in the St. Elias region from 01 March 1980, to 30 August 1980. A magnitude 4.4 event south of DLY on 03 July is the largest on or near the Deanali during this study. A generally higher rate of activity is observed along the Denali and in the area north of Glacier Bay.

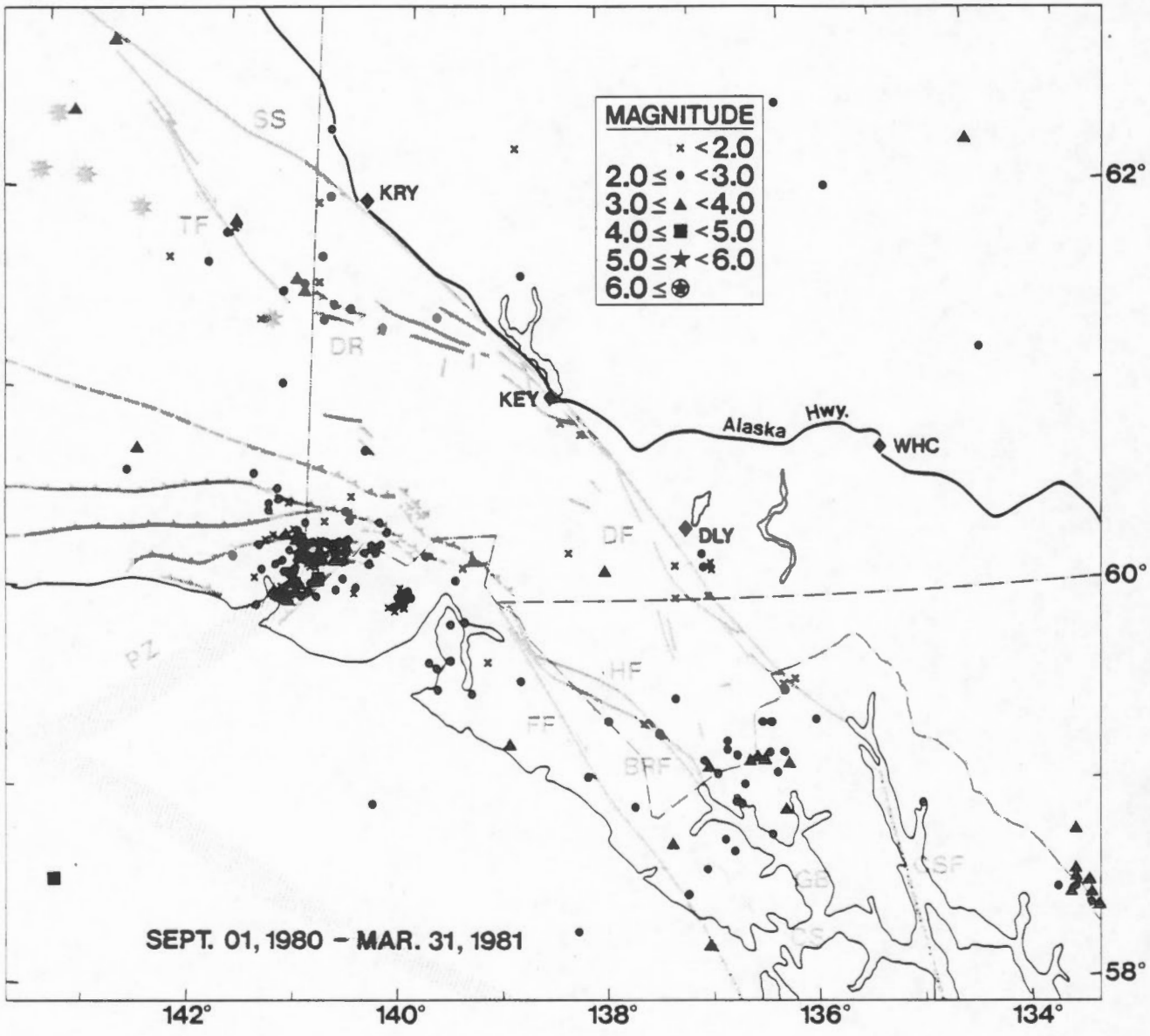

Fig. 7. Seismicity in the St. Elias region from 01 September 1980, to 30 March 1981, when the stations DLY and KRY were closed.

MICROEARTHQUAKE SURVEY

Six portable MEQ800 seismographs were deployed along a 40 km segment of the Danali fault zone near the south end of Kluane Lake (Figure 8). Station locations, operating times and instrument parameters are listed in Table 3. The station distribution was constrained by the limited road access into the region. Seismometers at all sites except K1 and K5 were located on bedrock. At K1 and K5 the seismometers were buried in alluvium and operated with a narrower passband to reduce low frequency noise. Recording was on smoked paper with recording spreads of 60 or 120 mm/minute (Table 3). Control was provided by a master clock regularly rated against WWV.

Over the five week period, 26 microearthquakes were located (Figure 8). Hypocentral parameters are listed in Table 4. The hypocenters were computed using P and S arrival times in a single-layer model with P and S velocities of 5.8 km/sec and 3.35 km/sec, respectively. Epicentres are considered accurate to $\pm$ 2 km and focal depths to $\pm$ 4 km. The magnitudes of all events are estimated to be between about 1 and -1. None was large enough to be recorded by the regional network.

A composite P-nodal solution (Figure 8) indicates either left-lateral strike-slip motion on an east-west striking plane dipping to the north, or right-lateral strike slip motion with an equal vertical component on a nearly vertical plane striking approximately north-south. The solution is reasonably well constrained. Although 10 of the 57 first motions used are inconsistent, 4 of these are very close to nodal planes. Minor variations in the velocity model do not produce significant changes.

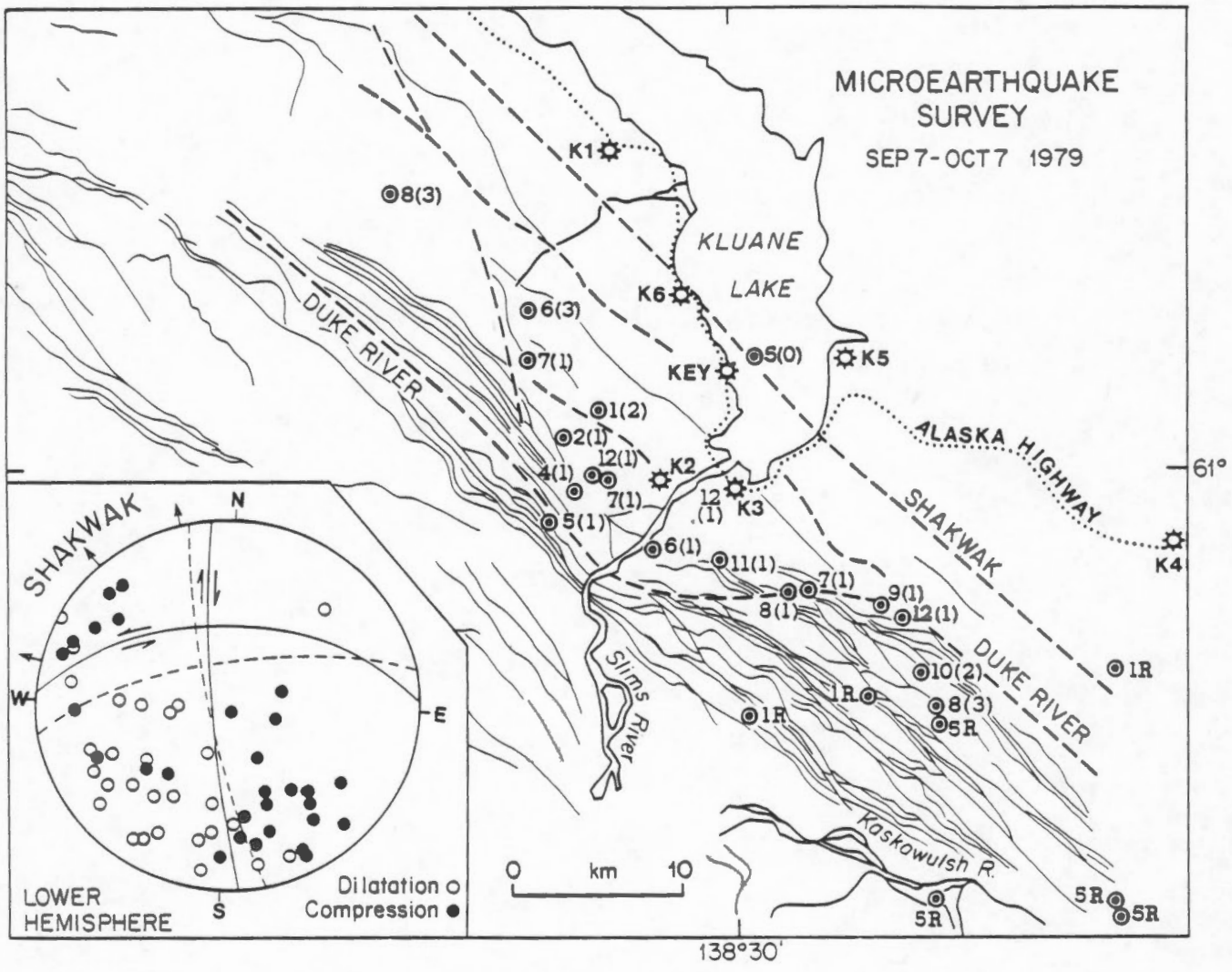

Fig. 8. Hypocentres of microearthquakes recorded in the Denali fault zone near the south end of Kluane Lake, Y.T. Computed focal depth and standard error are given with each epicentre. "R" indicates a restrained focal depth. Station locations are K1, etc., and KEY. Mapped faults are from Campbell and Dodds (1982). A composite P-nodal solution is shown with the dashed planes meant to indicate uncertainty.

TABLE 3

Station locations, operating parameters and times during the microearthquake survey

STN	LATITUDE	LONGITUDE	ELEV m	FILTER H_z	GAIN db	PAPER SPEED mm/min	RECORDING PERIOD 1979
K1	61°10.05'	138°37.45'	838	Out-30 5-30	78	60	07 Sep-10 Sep 10 Sep-07 Oct
K2	60°59.70'	138°34.55'	853	Out-30	78	60 120	07 Sep-12 Sep 12 Sep-07 Oct
K3	60°59.41'	138°29.80'	808	Out-30	84	60 120	08 Sep-12 Sep 12 Sep-07 Oct
K4	60°57.43'	138°02.10'	920	Out-30	78 84	60	08 Sep-15 Sep 15 Sep-07 Oct
K5	61°03.53'	138°22.35'	823	5-30	78	60	08 Sep-07 Oct
K6*	61°05.53'	138°32.90'	823	Out-30	84 78	120	12 Sep-18 Sep 18 Sep-07 Oct

*Short-period horizontal seismometer initially installed, replaced with a short-period vertical seismometer on 18 Sep.

TABLE 4

Microearthquake hypocentral parameters

DATE 1979	H-TIME U.T.	LATITUDE °N	LONGITUDE °W	DEPTH km	S.E. (km) LAT	S.E. (km) LONG	S.E. (km) DEPTH	NP*	NS*
Sept.08	06 45 18.6	61.056	138.478	5.1	0.1	0.2	0.1	3	3
09	13 56 23.0	61.015	138.677	2.4	0.4	0.6	1.1	2	3
11	16 19 23.7	60.919	138.323	11.8	1.1	0.5	1.4	5	6
11	23 42 03.5	60.890	138.304	9.6	1.1	0.9	2.3	3	4
16	02 54 35.7	60.994	138.629	6.6	0.7	0.9	1.1	6	6
16	06 11 10.3	61.028	138.644	0.6	0.2	0.4	2.0	5	6
17	10 06 25.4	60.768	138.100	5.0	1.1	0.7	R**	5	7
17	10 13 01.5	60.763	138.102	5.0	1.3	0.8	R	4	7
19	13 31 02.1	60.995	138.642	12.0	0.6	0.6	0.6	7	7
19	13 53 15.5	60.926	138.342	8.6	0.7	0.4	1.4	4	6
19	13 54 48.4	60.879	138.360	1.0	0.7	0.5	R	3	2
20	12 29 14.2	60.936	138.416	7.4	0.6	0.4	0.8	6	7
20	13 17 18.7	60.990	138.499	12.0	0.4	0.5	0.5	4	4
20	13 33 17.5	60.935	138.438	8.2	0.6	0.4	0.8	3	5
20	17 57 11.8	61.081	138.714	6.0	1.1	0.9	2.6	3	3
26	05 09 48.4	61.056	138.719	6.8	0.2	0.4	0.5	6	6
28	00 14 43.1	60.862	138.285	5.0	0.9	0.6	R	7	5
28	10 18 55.5	60.769	138.292	5.0	0.7	0.8	R	5	4
29	00 23 12.1	60.953	138.516	10.9	0.6	0.5	0.7	6	6
29	20 38 41.9	60.989	138.666	4.0	0.6	0.8	1.3	5	6
29	23 25 39.3	60.972	138.691	4.6	0.6	0.7	1.0	4	4
30	08 13 36.7	61.145	138.852	8.0	0.9	1.7	2.8	5	5
Oct. 01	00 40 36.7	60.957	138.585	6.4	0.4	0.6	0.6	2	4
02	14 58 34.2	60.890	138.101	1.0	0.7	0.4	R	3	3
02	16 24 30.0	60.870	138.484	1.0	0.6	0.5	R	2	3
07	06 46 47.6	60.871	138.288	7.6	1.3	0.5	2.6	4	4

* Number of P and S phases, respectively, used in the solution.

**Focal depth restrained.

SUMMARY

The three year low level monitoring of seismicity in the southwest Yukon was successful in delineating active areas within the previous poorly defined seismic zones. The data provided additional information on the Denali fault system and plate interactions along the coast of southeast Alaska (Horner, 1983).

Additional knowledge about the focal parameters and the distribution of low level seismicity near Kluane Lake was achieved from the microearthquake survey.

Data from the survey, incorporated with past records is providing a strong data base for the new seismic risk maps which are in preparation by this Branch (Basham et al., 1982).

ACKNOWLEDGEMENTS

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Logistic support was provided by the Dept. of Environment Upper Air Station at Whitehorse, the Arctic Institute of North America basecamp at Kluane Lake, and Parks Canada at Hanes Junction. The support and cooperation of Julius and Connie Dyck (KEY), Doroth and Jim Cook (KRY), Heinz and Kate Eckervogt, Liz and Jurg Hofer (DLY), and Andy Williams (SIY) is most gratefully acknowledged.

The operation of the temporary seismograph stations and the microearthquake survey was partially supported by Foothills Pipe Lines (South Yukon) Ltd.

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Appendix

Date, origin time (U.T.), latitude (^{o}N), longitude (^{o}W) and magnitude are listed for the 2,081 earthquakes recorded in the southwest Yukon and adjacent regions of northern British Columbia and southeast Alaska during this survey. Additional information on these epicentre locations, such as standard error, number of data used, magnitude type and error, can be obtained from annual catalogues of Canadian earthquakes (e.g. Horner et al; 1980) or from a digital magnetic tape file (the Canadian Earthquake Epicentre File). Data from the file are available for a nominal charge and requests should be directed to:

The Director
Division of Seismology and Geomagnetism
Earth Physics Branch
Energy, Mines and Resources Canada
Ottawa K1A 0Y3

-DATE-	-TIME-	-LAT-	-LONG-	MAG
780901	101952	58.00	138.23	4.3
780902	174100	59.86	139.23	2.6
780903	181210	61.29	139.39	1.5
780906	072742	61.50	140.46	1.6
780907	024049	61.08	140.72	2.4
780910	091031	60.61	141.12	2.8
780911	065807	60.90	138.31	1.2
780911	095124	59.45	136.51	2.7
780911	223020	61.08	138.44	1.9
780914	040514	60.89	138.14	1.5
780914	044414	61.38	139.59	1.7
780916	013550	59.98	140.09	2.0
780916	031608	60.16	139.45	2.0
780920	122138	60.38	140.83	1.8
780920	140231	59.81	137.56	1.7
780922	031014	61.63	134.56	2.8
780923	205034	61.47	140.29	2.9
780928	121502	60.98	138.31	1.6
780928	133006	59.98	140.17	2.1
781002	121528	61.61	139.85	2.1
781003	113510	60.02	141.44	3.5
781003	183101	60.01	141.30	2.7
781004	163015	58.92	140.52	2.2
781004	182101	59.96	139.88	3.4
781004	182343	59.95	139.92	3.4
781004	190523	60.00	139.98	2.3
781004	193350	60.02	139.91	2.2
781004	194151	59.97	139.93	1.7
781005	013755	60.35	139.69	1.6
781005	025430	59.95	139.95	1.9
781005	114544	59.89	139.93	1.6
781005	232347	59.89	139.96	1.9
781011	070442	59.98	139.09	2.0
781011	194510	60.04	139.11	1.5
781013	090854	60.61	142.98	3.5
781014	144736	58.78	137.50	3.3
781014	144738	58.83	137.41	3.3
781016	211630	61.27	141.35	3.2
781019	161313	61.09	139.58	1.8
781020	164655	58.75	135.45	3.2
781023	211517	59.49	139.41	2.1
781024	021858	61.71	135.53	2.1
781024	160819	62.23	140.59	2.7
781025	031850	60.13	140.59	3.2
781025	203157	58.58	133.32	3.3
781025	203945	58.67	133.26	3.3
781026	012515	58.52	133.53	3.0
781026	195043	58.49	133.42	3.4
781027	011106	58.51	133.33	3.2
781027	164240	58.58	133.32	3.3
781028	024421	58.52	133.32	3.2
781029	130723	61.33	140.32	2.0
781030	003925	61.71	140.94	2.3
781031	204233	58.38	133.47	3.1
781101	101000	58.48	133.34	3.0
781101	150017	59.25	138.69	3.5
781106	004841	59.89	140.04	2.2
781106	053059	59.95	140.08	2.2
781106	055018	59.86	140.00	2.0
781106	061520	59.93	140.04	1.8
781106	065847	59.99	140.04	2.1
781106	182842	61.44	140.35	2.3
781107	115503	58.08	137.12	2.7
781108	002841	58.89	133.53	0.0
781108	042827	60.12	139.65	2.3
781110	040626	60.39	142.71	2.4
781111	111656	62.28	140.90	2.1
781111	145052	61.66	141.15	2.2
781114	135417	60.01	136.85	1.7
781115	111524	60.99	138.80	1.7
781115	180923	62.43	142.63	4.7
781116	104434	60.89	137.79	3.2
781116	140215	60.80	138.02	1.8
781119	194827	60.81	138.06	2.9
781119	205350	60.89	137.88	3.4
781121	175632	60.38	140.08	2.3
781122	153816	60.40	137.00	2.0
781123	092822	59.75	136.59	2.1
781124	081202	59.96	140.18	2.2
781125	004143	59.29	137.25	2.5
781125	185537	59.78	140.86	3.3
781130	151908	61.46	140.72	2.6
781201	011204	60.19	137.01	1.9
781203	021604	61.51	140.78	2.0
781205	203244	60.08	139.37	2.6
781206	124946	59.86	137.50	1.7
781207	152139	62.19	140.74	2.1
781207	175605	61.70	140.83	2.2
781209	093211	59.16	136.27	2.0
781210	025407	59.92	136.53	2.3
781210	125802	58.79	137.32	2.8
781210	131720	60.15	137.14	1.3
781210	132641	61.17	140.84	2.1
781211	002605	59.10	136.40	2.1
781211	221515	61.39	139.89	1.4
781212	152031	60.43	142.93	2.4
781214	184554	62.35	142.23	3.0
781215	095152	59.85	136.40	2.0
781220	022735	60.02	137.69	2.2
781220	060726	60.16	140.80	1.8
781220	213100	60.21	141.45	1.6
781222	003925	60.36	141.18	1.9
781222	063507	60.51	141.47	1.6
781222	144351	60.10	140.57	1.7
781223	142842	61.40	138.62	1.8
781224	082358	59.30	137.82	1.9
781226	075448	60.17	141.03	2.1
781226	133916	61.49	139.95	1.3
781228	043848	60.74	138.41	1.7
781228	123110	60.93	143.31	2.4

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790102	122202	60.15	139.12	2.7
790102	144803	59.60	138.97	1.9
790105	043541	60.57	141.54	2.2
790106	085632	58.64	140.52	3.8
790106	090210	61.60	135.29	3.0
790107	151117	62.62	143.58	2.7
790109	054245	61.36	139.98	1.9
790110	012022	61.22	138.87	1.7
790112	015613	60.07	141.17	2.6
790112	041834	60.10	141.19	3.8
790112	115403	61.53	141.06	2.0
790113	180531	60.52	141.15	2.5
790115	011206	60.07	141.10	2.3
790116	122629	61.01	139.46	2.6
790118	235441	59.39	136.41	2.1
790123	194605	59.75	136.61	3.0
790124	091318	62.13	142.20	2.2
790125	020742	62.31	133.33	2.7
790131	040726	60.53	141.46	3.0
790131	225125	59.92	140.75	2.7
790202	001153	61.13	138.38	1.4
790202	160627	60.12	140.99	2.1
790202	162209	59.93	140.93	2.8
790202	174259	60.14	140.99	3.2
790203	025107	62.27	134.01	2.6
790212	051815	61.64	139.71	2.1
790213	094644	60.95	138.67	2.0
790214	195924	60.83	138.53	1.9
790214	203732	58.60	137.43	2.5
790215	010639	60.53	138.03	1.9
790222	041606	60.12	140.97	2.7
790225	022332	61.56	141.16	2.2
790228	153152	61.08	139.82	2.7
790228	212708	60.59	141.47	7.1
790228	213017	60.40	141.16	4.8
790228	213140	60.21	140.75	4.8
790228	213154	60.47	141.55	5.0
790228	213634	60.28	140.42	4.0
790228	213656	60.32	140.72	4.2
790228	213731	60.65	141.19	3.8
790228	213858	60.30	140.71	4.7
790228	213955	60.32	140.14	4.6
790228	214722	60.29	140.67	3.1
790228	215157	60.25	140.59	4.3
790228	215455	60.37	140.68	3.4
790228	215715	60.70	140.81	3.2
790228	220010	60.16	140.36	2.8
790228	220409	60.29	140.74	4.2
790228	220649	60.32	140.66	3.3
790228	221028	60.19	140.67	3.5
790228	221358	60.41	140.98	2.4
790228	221418	60.28	140.77	4.1
790228	221753	60.21	140.29	4.4
790228	222335	60.29	140.80	3.3
790228	222648	60.26	140.65	3.5

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790228	222958	60.18	140.74	3.5
790228	223041	60.07	139.71	3.5
790228	223906	59.99	140.71	2.9
790228	224152	60.30	140.67	2.3
790228	225049	60.05	140.17	3.4
790228	225356	60.17	140.17	2.5
790228	230131	60.23	140.78	3.4
790228	230203	60.00	140.66	3.1
790228	230513	60.21	140.78	3.6
790228	231234	60.37	140.66	3.6
790228	231443	60.21	140.78	3.6
790228	232436	60.19	140.85	3.0
790228	232526	60.22	140.67	3.0
790228	232652	60.28	140.76	3.9
790228	233242	60.42	140.70	3.8
790228	234739	60.17	140.73	2.7
790228	235447	60.09	140.34	3.9
790301	000153	60.04	140.59	3.5
790301	000948	60.39	140.28	3.9
790301	002719	60.23	140.76	3.2
790301	002734	60.37	140.50	3.9
790301	003158	60.23	140.68	2.5
790301	003346	60.12	140.27	3.5
790301	004535	60.27	140.69	3.6
790301	004755	60.23	140.90	3.8
790301	005527	60.32	140.71	3.5
790301	010020	60.23	140.56	3.2
790301	010106	60.11	140.60	4.0
790301	011316	60.27	140.69	3.4
790301	013027	60.07	140.13	3.6
790301	013124	60.12	140.14	2.9
790301	013200	60.26	141.08	2.7
790301	013639	60.36	140.40	3.1
790301	013749	60.18	140.64	4.4
790301	014003	60.28	140.96	2.7
790301	014110	60.28	140.79	2.9
790301	014930	60.14	140.01	3.1
790301	015104	60.04	140.08	3.3
790301	015232	60.56	140.18	2.5
790301	015857	60.36	140.80	2.6
790301	021651	60.27	140.79	2.4
790301	022017	60.25	140.33	3.2
790301	022647	60.39	140.33	3.2
790301	022728	60.31	140.55	3.8
790301	024233	60.25	140.50	2.9
790301	024404	60.13	140.47	2.8
790301	024847	60.30	140.62	4.2
790301	025544	60.28	140.76	3.1
790301	030535	60.42	140.75	3.6
790301	031357	60.46	141.04	3.5
790301	032229	60.40	140.38	2.8
790301	032540	60.32	140.77	3.6
790301	034348	60.46	140.27	2.3
790301	034829	60.33	140.67	2.4
790301	035511	60.32	140.65	3.4

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790301	040601	60.28	140.26	2.3
790301	040640	60.05	139.99	3.8
790301	041142	60.25	140.76	2.5
790301	041828	60.27	140.87	3.0
790301	043400	60.30	140.70	4.1
790301	043854	60.26	140.94	3.1
790301	044749	60.29	140.59	3.0
790301	045204	60.21	140.71	2.5
790301	045945	60.22	139.80	3.1
790301	050359	60.22	139.96	2.9
790301	050433	60.20	139.85	3.3
790301	050928	60.38	140.40	2.8
790301	051035	60.18	140.67	3.0
790301	051257	60.10	140.58	3.6
790301	052418	60.21	140.65	3.1
790301	054546	60.31	140.62	2.7
790301	054556	60.29	140.69	3.0
790301	055136	59.96	140.55	2.3
790301	055306	59.94	141.10	3.5
790301	060038	59.95	140.93	2.6
790301	060050	59.97	140.94	2.9
790301	060711	60.19	140.76	2.5
790301	061141	60.25	140.77	3.2
790301	061924	60.02	140.93	2.9
790301	063300	60.25	140.19	2.7
790301	064421	60.62	141.11	3.1
790301	065012	60.12	140.66	3.8
790301	065159	60.24	140.55	3.1
790301	065935	60.23	140.81	3.4
790301	070855	60.50	141.14	5.4
790301	071815	60.25	140.93	3.0
790301	072758	60.34	140.81	2.6
790301	073351	60.27	140.80	2.5
790301	075718	60.53	140.16	2.2
790301	075822	59.83	140.94	2.8
790301	075854	60.28	140.67	2.9
790301	080002	60.26	140.75	3.7
790301	080358	60.22	140.96	2.4
790301	080508	60.31	140.86	3.7
790301	081108	60.26	140.80	2.8
790301	081150	60.19	140.93	3.7
790301	082137	60.56	141.19	3.6
790301	082557	60.05	140.91	3.3
790301	082925	60.24	140.73	3.7
790301	084004	60.18	140.24	2.3
790301	084403	60.34	141.01	2.6
790301	084605	60.29	140.87	3.7
790301	085043	60.29	140.92	3.3
790301	085237	60.29	140.34	2.5
790301	085735	60.10	140.69	2.4
790301	090038	60.25	141.02	2.5
790301	091048	60.23	140.80	2.5
790301	092839	60.22	140.90	2.9
790301	094123	60.27	140.76	2.4
790301	095404	60.03	140.12	2.6

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790301	100101	60.25	140.81	2.6
790301	100157	60.31	140.66	2.7
790301	101506	60.20	140.93	3.0
790301	101743	60.27	140.78	2.9
790301	101930	60.11	140.11	2.8
790301	103635	60.25	140.80	2.3
790301	104816	60.27	140.81	2.7
790301	104902	60.35	140.81	3.0
790301	105249	60.30	140.76	2.7
790301	105645	60.23	140.81	2.9
790301	110155	60.21	140.56	2.5
790301	110418	60.11	141.04	3.6
790301	111517	60.11	140.14	3.0
790301	113512	60.31	140.60	2.5
790301	113756	60.28	140.69	2.9
790301	113822	60.03	140.59	3.5
790301	114259	60.28	140.89	2.8
790301	115631	60.42	140.13	1.9
790301	121224	60.25	140.89	3.6
790301	121655	60.22	139.88	2.1
790301	121704	60.10	140.06	2.4
790301	121808	60.13	141.05	3.4
790301	123225	60.47	140.28	2.3
790301	125134	60.34	140.14	2.3
790301	131047	60.40	140.01	2.8
790301	132649	60.27	140.78	2.8
790301	133847	60.24	140.61	2.5
790301	134931	60.25	140.81	3.6
790301	135357	60.26	140.71	3.4
790301	140354	60.25	140.86	3.4
790301	141155	60.29	141.11	2.6
790301	141508	60.25	140.82	2.7
790301	141950	60.09	140.13	3.1
790301	142257	60.26	140.71	2.5
790301	142642	60.53	141.23	2.7
790301	143840	60.26	140.72	2.5
790301	150011	60.17	140.75	2.5
790301	151238	60.04	140.58	3.2
790301	152254	60.24	140.71	3.3
790301	152443	60.25	140.46	2.6
790301	154403	60.12	140.11	3.7
790301	155628	60.26	140.47	4.0
790301	161007	60.33	140.23	2.4
790301	164303	60.30	140.81	3.5
790301	165200	60.26	140.73	3.0
790301	170500	60.37	139.97	2.2
790301	170822	60.35	140.59	2.4
790301	172157	60.30	140.72	2.7
790301	173223	60.26	140.78	2.6
790301	174827	60.07	140.51	3.9
790301	175909	60.48	140.92	2.7
790301	180340	60.46	140.60	2.5
790301	181130	60.25	140.74	3.1
790301	181507	60.27	140.76	2.6
790301	183229	60.40	141.13	2.5

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790301	185540	60.08	140.64	2.8	790302	085055	60.24	140.63	2.3
790301	185645	60.26	140.77	2.4	790302	085939	60.01	140.07	3.9
790301	190338	60.58	140.81	2.4	790302	091303	60.31	140.40	3.3
790301	190432	60.29	140.97	3.1	790302	091702	60.27	140.61	2.2
790301	194455	60.57	141.08	2.6	790302	093448	60.29	140.62	5.4
790301	194847	60.38	140.25	3.0	790302	094628	60.26	140.87	2.5
790301	204001	60.40	140.08	2.3	790302	094800	60.35	140.75	2.7
790301	205118	60.21	140.70	2.9	790302	100013	60.25	140.71	3.7
790301	210046	60.33	140.80	2.2	790302	101440	60.44	140.69	2.5
790301	211245	60.33	140.69	2.4	790302	110913	60.59	141.22	2.4
790301	212818	60.43	140.33	2.8	790302	114600	60.34	140.64	2.2
790301	213055	60.23	140.50	2.6	790302	122207	60.27	140.87	2.6
790301	220650	60.49	140.59	2.1	790302	125535	60.05	140.05	4.1
790301	222607	60.30	140.82	3.4	790302	130914	60.21	140.66	2.6
790301	223807	60.03	140.33	2.6	790302	131131	60.04	140.11	2.6
790301	223904	60.38	140.66	2.5	790302	133124	60.31	140.61	3.0
790301	224636	60.29	140.88	2.9	790302	133556	60.40	140.59	2.2
790301	230159	60.22	140.63	2.7	790302	133947	60.25	140.75	2.5
790301	234044	60.27	140.73	2.3	790302	142542	60.13	141.06	2.5
790302	000100	60.50	141.22	2.3	790302	144801	60.40	140.67	2.4
790302	000622	60.43	140.24	2.0	790302	150710	60.01	140.72	3.2
790302	000746	60.24	140.70	2.4	790302	151635	60.26	140.92	2.9
790302	004514	60.25	140.76	2.4	790302	152501	60.23	140.91	3.4
790302	004855	60.26	140.62	2.6	790302	153819	60.58	141.13	3.0
790302	005114	60.24	140.55	2.6	790302	155421	60.37	140.59	2.8
790302	005149	60.26	140.36	3.4	790302	155828	60.06	140.69	3.4
790302	005409	60.24	140.52	2.6	790302	160828	60.31	141.00	2.6
790302	010259	60.26	140.48	2.5	790302	161302	60.06	140.62	2.9
790302	010905	60.21	140.61	2.4	790302	162622	60.56	141.27	3.3
790302	011050	60.01	140.07	2.7	790302	162725	60.38	140.52	2.6
790302	012014	60.26	140.55	3.0	790302	163714	60.25	140.83	2.6
790302	013324	60.26	140.83	3.0	790302	170814	60.18	140.26	2.7
790302	015103	60.34	140.09	2.3	790302	171349	60.54	141.18	2.2
790302	020026	60.44	140.33	3.2	790302	175525	60.30	140.19	2.7
790302	023611	60.31	140.49	2.3	790302	182915	60.38	140.61	2.2
790302	025258	60.50	140.35	2.0	790302	183522	60.22	140.79	2.5
790302	030359	60.22	140.67	2.6	790302	184121	60.33	140.48	2.0
790302	030520	60.43	140.32	3.3	790302	184818	60.11	140.78	3.8
790302	031434	60.27	140.74	2.2	790302	185521	60.30	140.62	2.3
790302	031516	60.57	141.31	2.9	790302	193406	60.37	140.04	2.4
790302	035241	60.30	140.27	2.5	790302	204928	60.27	140.83	2.4
790302	045114	60.27	140.68	2.2	790302	213433	60.27	140.78	3.1
790302	052928	60.25	140.76	2.8	790302	213632	60.34	140.46	2.6
790302	053850	60.13	140.61	2.2	790302	215517	60.12	140.57	2.4
790302	055741	60.17	140.69	2.3	790302	215756	60.24	140.42	3.7
790302	061356	60.28	140.73	2.6	790302	222923	60.39	140.72	3.1
790302	061606	60.04	140.06	2.6	790302	223944	60.27	140.80	3.0
790302	064226	60.32	140.66	2.4	790302	233653	60.19	140.45	2.3
790302	064806	60.25	140.65	2.7	790302	233951	60.27	140.67	2.9
790302	065558	60.34	140.61	3.0	790302	234657	60.23	140.72	2.4
790302	070317	60.23	140.70	2.4	790302	234851	60.16	141.14	2.6
790302	070325	60.26	140.81	2.9	790302	235027	60.26	140.94	2.6
790302	070517	60.35	140.62	2.5	790303	003304	60.22	140.91	2.7
790302	072652	60.27	140.54	3.0	790303	004036	60.21	140.51	2.6
790302	081848	60.03	140.74	2.5	790303	004505	60.09	140.18	3.1

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790303	012251	60.30	140.26	2.2
790303	020302	60.04	140.98	2.7
790303	020412	60.04	140.97	2.4
790303	033903	60.26	140.66	3.1
790303	035253	60.10	140.76	2.2
790303	041108	60.26	140.75	2.5
790303	041727	60.24	140.33	2.7
790303	051328	60.10	140.58	2.4
790303	051933	60.59	141.22	2.6
790303	060211	60.31	140.66	2.3
790303	063303	60.38	140.24	2.1
790303	064836	60.48	140.77	2.1
790303	065223	60.30	140.35	2.2
790303	073247	60.09	140.21	3.0
790303	074949	60.46	140.64	2.2
790303	075119	60.06	140.03	2.0
790303	080131	60.42	140.70	2.2
790303	083209	60.26	140.70	2.7
790303	083535	60.05	141.09	3.4
790303	084837	60.25	140.71	2.1
790303	120608	60.30	140.88	2.3
790303	124221	60.28	140.77	2.3
790303	133204	60.57	141.17	2.2
790303	135042	60.25	140.74	2.4
790303	135724	60.08	140.61	2.4
790303	150817	60.37	140.65	2.4
790303	151254	60.25	140.62	2.5
790303	153541	60.21	140.59	2.7
790303	154340	60.29	140.70	2.9
790303	154619	60.27	140.76	2.6
790303	154926	60.27	140.57	3.6
790303	155806	60.15	140.84	2.6
790303	160733	60.07	140.03	2.3
790303	162300	60.04	140.41	2.8
790303	165235	60.04	140.05	3.0
790303	165742	60.05	140.00	2.4
790303	170046	60.30	140.64	3.3
790303	171842	60.27	140.73	3.7
790303	172314	60.33	140.74	3.7
790303	172440	60.31	140.95	2.9
790303	174211	60.06	140.04	2.5
790303	193124	60.26	140.69	2.5
790303	193559	60.66	141.52	2.3
790303	195913	60.25	140.74	2.5
790303	203348	60.05	141.00	2.5
790303	205222	60.36	140.59	3.5
790303	205531	60.04	139.98	2.9
790303	205804	60.33	140.52	2.9
790303	214354	60.04	140.59	2.3
790303	215627	60.28	140.75	3.0
790303	232053	60.24	140.64	2.6
790304	003945	60.27	140.92	3.0
790304	005201	60.46	140.59	3.4
790304	012833	60.22	139.19	1.8
790304	021212	60.39	140.47	2.4
790304	021533	60.38	140.42	2.6
790304	022706	60.05	140.01	2.6
790304	024412	60.25	140.88	3.6
790304	030414	60.49	140.79	2.2
790304	040047	60.25	140.78	3.3
790304	040405	60.50	140.22	2.0
790304	043821	60.29	140.66	2.6
790304	045336	60.33	140.57	2.4
790304	055010	59.94	140.16	3.1
790304	080847	60.12	140.65	2.5
790304	085050	60.30	140.83	2.4
790304	085601	60.26	140.24	2.4
790304	093025	60.48	140.65	3.3
790304	094535	60.50	140.22	2.3
790304	100617	60.45	140.77	2.9
790304	103626	59.99	140.95	2.3
790304	110033	60.20	140.66	3.5
790304	122814	60.47	140.07	2.3
790304	123230	60.14	140.44	2.1
790304	123656	59.92	141.12	2.9
790304	124540	60.24	140.82	2.6
790304	125357	60.19	140.70	2.1
790304	132629	60.07	140.17	2.3
790304	133039	60.23	140.82	2.5
790304	134447	60.25	140.71	2.8
790304	135224	60.24	140.53	3.8
790304	140150	60.26	140.56	2.9
790304	143958	60.28	140.57	2.6
790304	154625	60.28	140.76	2.2
790304	160828	59.95	141.35	2.4
790304	161635	60.26	140.83	2.4
790304	164343	60.24	140.71	3.3
790304	164558	60.25	140.88	2.6
790304	185957	60.33	140.59	2.5
790304	191156	59.99	140.53	2.1
790304	193217	60.25	140.67	2.4
790304	200207	60.29	140.92	2.2
790304	201318	60.24	140.39	2.4
790304	211127	60.08	140.54	2.4
790304	213115	60.38	140.71	3.4
790305	032339	60.30	140.64	4.0
790305	040831	61.58	140.53	2.2
790305	044341	60.24	140.58	2.6
790305	045605	60.24	140.69	2.8
790305	061840	60.18	140.87	2.2
790305	064445	60.31	140.31	2.1
790305	082312	60.31	140.08	2.1
790305	085914	60.16	140.80	2.5
790305	095133	60.35	140.23	2.4
790305	102505	60.10	140.66	2.2
790305	104521	60.31	140.70	2.3
790305	105042	60.21	140.40	2.3
790305	115333	60.30	140.84	2.9
790305	121835	60.27	140.74	2.2

-DATE-	-TIME-	-LAT-	-LONG-	MAG
790305	122013	60.23	140.26	2.4
790305	130027	60.05	140.64	2.4
790305	130245	60.04	140.64	2.3
790305	132055	59.94	140.72	2.5
790305	132245	60.10	140.59	2.8
790305	144812	60.27	140.86	2.4
790305	144935	60.25	140.30	2.1
790305	165242	60.31	140.01	1.9
790305	170007	60.04	140.20	2.6
790305	171404	60.33	140.65	3.2
790305	171833	60.10	140.21	2.6
790305	173615	60.38	140.72	2.1
790305	174005	60.30	140.87	3.3
790305	175718	60.34	140.72	2.9
790305	181613	60.23	140.85	2.7
790305	193439	60.25	140.79	2.7
790305	193709	60.44	140.22	2.7
790305	205627	60.37	139.99	2.6
790305	230157	60.24	140.79	2.9
790306	010210	60.20	140.73	2.2
790306	011137	60.27	140.73	2.6
790306	045023	60.08	140.10	2.3
790306	053319	60.06	141.17	2.4
790306	060455	60.43	140.25	2.3
790306	064318	60.38	140.68	3.0
790306	064733	60.30	140.80	3.0
790306	064954	60.48	140.25	3.5
790306	081600	60.28	140.84	2.4
790306	082829	60.31	141.11	2.5
790306	093407	60.25	140.79	3.9
790306	093656	60.30	140.75	2.8
790306	094356	60.28	140.73	2.6
790306	095605	60.28	140.69	3.9
790306	095846	59.97	140.05	2.6
790306	101917	60.12	140.63	2.1
790306	102229	60.30	140.70	2.7
790306	103937	60.27	140.75	3.2
790306	104733	59.99	140.99	2.6
790306	111456	59.79	141.13	2.8
790306	114028	59.98	141.21	2.3
790306	122433	60.47	140.83	2.5
790306	124926	60.47	140.23	2.2
790306	142253	60.26	140.77	2.1
790306	145259	59.65	141.54	2.3
790306	150122	60.15	139.27	1.9
790306	153737	60.21	140.83	3.1
790306	160102	60.23	140.82	3.6
790306	160502	60.00	140.52	3.2
790306	161825	59.82	137.44	3.1
790306	183107	60.07	140.60	2.6
790306	191242	60.38	139.96	3.3
790306	211538	60.28	140.76	2.2
790306	220408	60.07	140.79	2.5
790306	225706	60.45	140.26	3.1
790306	234627	60.30	140.46	2.2

-DATE-	-TIME-	-LAT-	-LONG-	MAG
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790307	004713	60.26	140.77	2.4
790307	011709	60.15	139.33	1.9
790307	014642	59.96	140.49	2.2
790307	031157	60.25	140.88	2.3
790307	033356	60.09	140.68	2.1
790307	045948	60.41	141.04	2.6
790307	050157	60.25	140.81	3.2
790307	065513	59.96	141.23	2.5
790307	070542	60.08	140.62	2.6
790307	082402	60.26	140.89	3.4
790307	084940	59.99	140.90	2.7
790307	113319	60.27	140.79	2.6
790307	141550	60.24	140.81	2.2
790307	142906	60.24	140.76	2.2
790307	150508	60.57	141.21	3.0
790307	151246	60.09	140.64	2.9
790307	164943	60.25	140.59	3.0
790307	171121	60.49	141.52	2.5
790307	185500	60.32	140.69	2.9
790307	190352	60.25	140.75	2.6
790307	191700	60.52	140.80	2.3
790307	214630	60.39	140.91	2.9
790307	230209	60.21	140.70	2.6
790307	231945	60.36	140.25	3.1
790308	003533	60.27	140.83	2.5
790308	012502	59.90	141.27	2.6
790308	015722	60.30	140.72	2.6
790308	025725	60.28	140.84	2.5
790308	030652	59.99	140.79	2.4
790308	055723	60.26	140.68	2.5
790308	061138	60.22	140.86	2.7
790308	062531	60.09	140.56	2.3
790308	063720	60.28	140.26	2.5
790308	083215	59.76	137.40	2.0
790308	090416	60.59	141.24	3.1
790308	093907	60.33	140.83	3.7
790308	094803	60.33	140.39	2.2
790308	112835	60.04	140.75	2.2
790308	121144	60.06	140.56	3.1
790308	131113	59.86	141.15	2.6
790308	143251	60.26	140.83	3.3
790308	144911	60.03	140.65	3.0
790308	160709	60.27	140.82	3.2
790308	171933	60.28	140.81	2.4
790308	175020	60.25	140.81	2.5
790308	191842	60.32	140.76	2.4
790309	012952	59.83	141.30	3.4
790309	014158	60.21	140.71	2.4
790309	023221	60.27	140.91	3.1
790309	045031	60.32	140.83	2.3
790309	045542	60.31	140.88	3.5
790309	071445	60.49	140.29	2.6
790309	120628	60.37	140.64	2.6
790309	131441	60.21	140.71	2.4

-DATE-	-TIME-	-LAT-	-LONG-	MAG
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790309	185855	60.25	140.84	3.3
790309	202113	60.29	140.74	3.2
790309	203113	60.26	140.79	2.6
790309	215419	60.27	140.09	2.8
790309	225434	60.28	140.78	2.5
790310	032606	60.25	140.80	3.1
790310	045919	60.55	141.21	2.3
790310	053017	60.27	140.74	2.3
790310	054518	60.32	140.73	3.3
790310	062347	60.27	140.79	2.3
790310	083147	60.02	140.55	2.9
790310	090549	60.33	140.64	2.2
790310	091655	59.94	141.07	4.0
790310	124357	60.22	140.74	2.8
790310	133447	59.31	137.56	2.1
790310	163821	60.02	140.74	2.8
790310	171941	60.28	141.04	2.7
790310	172241	60.22	141.13	3.3
790310	204732	60.26	140.90	3.4
790310	212848	60.47	140.57	2.3
790311	001233	60.04	140.66	2.9
790311	003052	60.49	140.38	2.9
790311	010331	60.43	140.20	2.3
790311	023506	60.45	140.71	2.2
790311	035111	60.27	140.83	3.1
790311	053743	60.40	140.79	2.3
790311	073010	60.33	140.70	3.8
790311	074223	60.28	140.70	2.5
790311	081433	60.26	140.24	2.6
790311	082945	60.26	140.78	2.4
790311	113931	59.95	140.89	2.3
790311	115005	60.26	140.66	4.0
790311	121316	60.10	140.54	3.0
790311	144733	60.24	140.96	3.1
790311	151204	60.75	138.44	1.7
790311	160241	60.00	140.79	3.3
790311	165324	59.86	140.79	2.4
790311	165928	60.30	140.81	2.8
790311	214211	60.33	140.40	2.9
790312	035250	60.42	140.95	2.8
790312	042543	60.27	140.86	2.5
790312	083840	60.29	140.57	2.6
790312	095217	60.11	139.35	2.2
790312	100644	60.23	140.87	2.8
790312	101540	60.13	141.06	3.8
790312	142141	60.26	140.95	2.5
790312	152745	60.22	140.28	2.3
790312	162923	60.28	140.81	3.0
790312	184216	60.38	140.59	3.2
790312	192623	60.33	140.86	2.9
790312	213748	60.28	140.75	2.4
790313	032410	60.08	139.96	2.6
790313	033636	60.23	140.29	2.8
790313	073511	59.97	140.81	3.5

-DATE-	-TIME-	-LAT-	-LONG-	MAG
790313	094750	60.42	140.17	2.2
790313	100918	60.27	140.67	3.9
790313	132100	60.03	140.64	2.6
790313	132640	60.26	140.76	2.4
790313	133144	60.02	140.61	3.3
790313	234706	60.50	140.61	2.8
790314	105628	60.10	140.69	3.0
790314	150034	60.21	140.81	3.2
790314	223411	60.28	140.76	2.7
790314	232939	60.27	140.71	2.8
790315	011704	60.26	140.76	2.5
790315	053111	60.26	140.76	3.0
790315	075024	60.06	141.24	4.1
790315	080423	60.05	141.17	2.6
790315	084325	60.23	140.74	2.2
790315	094654	60.49	141.28	3.3
790315	141532	60.06	141.19	2.7
790315	144848	60.03	141.21	3.1
790315	145020	60.07	141.14	3.0
790315	163218	60.23	140.89	2.5
790315	182053	59.98	140.82	2.4
790315	212020	60.28	140.94	3.0
790315	231543	60.00	140.57	3.3
790316	001721	60.29	140.79	2.4
790316	002205	60.30	140.90	3.2
790316	015743	60.42	140.93	2.4
790316	024640	60.41	140.92	2.9
790316	035143	60.06	141.17	2.7
790316	065637	60.19	140.88	2.8
790316	070214	60.06	140.22	2.7
790316	081007	60.15	139.35	2.3
790316	095225	60.22	140.88	3.0
790316	095725	60.27	140.84	2.4
790316	104150	60.24	141.07	3.8
790316	111011	60.20	140.96	2.5
790316	124224	60.23	140.65	3.4
790316	144254	60.42	140.89	3.8
790316	170207	60.25	140.81	2.4
790316	220709	60.43	140.85	2.6
790317	011459	60.50	140.81	2.4
790317	032522	61.59	134.56	3.0
790317	141008	60.24	140.84	3.4
790317	165139	60.27	140.81	2.3
790317	223755	60.30	140.72	3.0
790318	055540	60.23	140.95	3.1
790318	092054	60.31	140.36	2.8
790318	112900	60.44	140.31	2.6
790318	205242	60.26	140.74	2.4
790318	214710	62.16	138.75	2.3
790318	232305	60.27	140.75	2.3
790318	232334	60.36	140.48	2.2
790319	014049	60.34	140.16	2.9
790319	023403	60.33	140.28	2.6
790319	064328	60.47	140.11	2.1
790319	075652	60.07	141.39	2.7

-DATE-	-TIME-	-LAT-	-LONG-	MAG
790319	210725	60.33	140.38	2.3
790320	022512	60.08	140.59	2.6
790320	161659	60.39	140.51	3.2
790320	220428	59.96	140.97	3.4
790321	032957	60.02	140.55	3.2
790321	051217	60.31	140.56	2.4
790321	101853	60.18	140.77	2.4
790321	160656	60.09	141.04	2.8
790321	202422	60.28	140.57	2.5
790321	211033	60.31	140.09	2.4
790322	053438	60.24	140.78	2.4
790322	071000	59.49	138.85	2.2
790322	082649	60.22	140.91	2.7
790322	121612	60.28	140.76	4.0
790322	124711	60.26	140.87	2.8
790322	150534	60.10	140.62	3.3
790322	155504	60.24	140.85	2.5
790323	015933	60.60	141.61	2.5
790323	065721	59.86	137.06	1.4
790323	114545	60.35	137.52	1.2
790323	121937	60.07	140.67	2.4
790324	075501	60.26	140.76	2.3
790324	214623	60.22	140.89	2.5
790325	022856	60.26	140.83	2.5
790325	035551	60.60	141.57	2.9
790325	090311	60.07	141.09	2.6
790325	091601	60.47	140.26	2.3
790325	131554	60.12	141.07	2.8
790325	173406	60.00	140.84	2.4
790326	024527	60.28	140.57	4.0
790326	033011	60.22	140.82	2.6
790326	150824	60.21	140.88	2.5
790326	174113	60.25	140.92	2.4
790326	183506	60.05	141.12	2.8
790326	204548	60.24	140.72	2.7
790326	222550	60.29	140.24	2.5
790326	232504	60.47	140.62	3.4
790327	031559	60.10	140.57	2.9
790327	040718	60.24	140.70	2.7
790327	060219	60.00	140.71	2.6
790327	181614	60.29	140.83	3.1
790327	212405	60.32	141.11	2.5
790328	013219	60.22	140.74	3.7
790328	095238	60.00	140.67	2.5
790328	112437	60.47	140.61	3.0
790328	164836	58.37	137.54	2.7
790328	185042	59.99	140.90	3.6
790329	032017	60.51	141.12	3.6
790329	045741	59.32	136.52	1.9
790329	101153	60.77	141.62	2.2
790329	113815	60.29	140.67	2.3
790329	125257	60.28	141.18	2.6
790329	205205	60.26	140.79	3.0
790330	040314	60.27	140.76	2.6
790330	082820	60.27	140.90	3.3
790330	125610	60.03	140.56	3.1
790330	213638	60.25	140.42	2.6
790331	005530	58.86	133.86	3.8
790331	025543	60.21	141.01	2.5
790401	060550	59.91	140.10	2.3
790401	132907	60.26	140.84	2.4
790401	141658	60.03	140.16	3.1
790401	150015	60.02	140.18	2.6
790401	190410	60.18	139.41	2.6
790401	195222	60.31	140.32	2.9
790401	235018	60.26	140.93	2.5
790402	053101	60.13	139.46	2.2
790402	192613	60.28	140.77	2.5
790402	210609	60.08	140.78	2.9
790403	113552	59.98	140.63	3.1
790403	161329	60.01	140.65	3.7
790404	055058	60.17	140.96	2.6
790404	085505	60.25	140.73	2.4
790404	133704	60.20	140.78	2.3
790404	201219	60.25	140.83	2.4
790405	062546	60.23	140.91	2.4
790405	064244	60.30	140.81	2.4
790405	114303	58.87	137.07	2.1
790405	174917	60.27	140.86	3.5
790405	224940	60.28	140.81	2.5
790405	230707	59.98	140.12	3.9
790405	231242	60.01	140.07	3.1
790405	231733	60.09	140.08	3.0
790405	234254	60.02	140.03	3.2
790405	235235	60.01	140.12	2.4
790406	000328	60.11	139.97	2.4
790406	003853	60.04	140.05	2.4
790406	003926	59.98	140.11	2.5
790406	031228	59.98	140.51	2.5
790406	074619	60.16	140.20	2.8
790406	121230	60.18	139.86	1.7
790406	181307	60.07	140.51	3.2
790407	032234	58.90	137.70	2.7
790407	053048	60.26	140.76	2.9
790407	200552	60.25	141.08	2.5
790408	041018	60.06	140.04	2.3
790408	054317	60.39	141.12	2.4
790408	054954	60.29	140.73	2.4
790408	062514	60.13	140.62	2.3
790408	181908	60.08	140.67	3.2
790408	183850	60.09	140.65	3.1
790408	190900	60.05	140.64	2.4
790409	130434	61.81	141.80	2.3
790409	135644	60.17	140.80	3.0
790409	170522	59.99	141.02	2.4
790409	185252	60.07	140.54	2.5
790410	010527	60.53	140.46	2.8
790410	031929	60.46	140.27	2.4
790410	064031	60.29	140.52	2.3
790410	193902	60.29	140.71	3.0

-DATE-	-TIME-	-LAT-	-LONG-	MAG
790411	014246	60.27	140.41	3.9
790411	111547	60.01	140.03	3.3
790411	124637	60.16	140.98	3.2
790411	202023	60.25	140.92	2.8
790411	211403	60.57	141.53	2.3
790412	011215	60.27	140.80	2.5
790412	024231	59.95	140.99	2.4
790412	073246	61.31	139.29	1.2
790412	140953	60.01	140.01	2.6
790413	004341	60.35	140.32	2.5
790413	055219	60.24	140.70	3.2
790413	081013	60.48	141.28	3.1
790413	132628	60.22	140.93	3.1
790415	044931	60.23	140.70	3.5
790415	083040	61.00	138.33	1.5
790415	105132	60.02	140.04	3.1
790415	143137	60.22	140.73	3.0
790415	181841	60.24	140.77	2.8
790415	191552	60.31	140.66	2.3
790416	021103	60.25	140.70	2.8
790416	130849	60.26	140.74	3.6
790416	195213	60.29	140.77	3.0
790417	000903	60.43	140.65	3.2
790417	212038	60.34	141.18	2.4
790417	222021	60.16	141.06	2.6
790418	025703	61.45	140.05	1.7
790418	051151	60.22	140.67	2.7
790418	135456	60.06	141.07	2.4
790418	150602	61.22	141.13	1.8
790418	160855	60.31	140.88	3.1
790419	014218	60.11	140.76	2.5
790419	050711	60.26	140.59	3.2
790419	230347	60.26	140.92	3.8
790420	001939	60.28	141.06	2.5
790420	124908	60.17	140.77	5.3
790420	130110	60.26	140.74	2.5
790420	143811	60.25	140.77	2.5
790420	150051	60.30	141.05	2.3
790420	215840	60.25	140.74	4.0
790420	230652	60.46	140.61	3.6
790421	123657	60.31	140.67	4.0
790421	123909	60.31	140.73	3.2
790421	180054	60.17	140.57	2.3
790422	041847	60.27	140.06	2.9
790422	065022	60.29	140.63	2.7
790422	140438	59.93	141.08	4.4
790422	142615	60.25	140.90	2.4
790422	152555	60.51	141.24	2.7
790422	154353	60.05	140.02	2.7
790422	161140	60.26	140.71	3.5
790422	201249	59.90	140.94	2.6
790424	135751	60.27	141.20	3.2
790425	040837	60.23	140.75	2.5
790425	131554	60.28	140.23	2.7
790425	174137	59.99	140.68	2.8

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790425	213927	60.26	140.69	2.6
790426	020819	60.03	140.93	2.6
790426	095014	60.11	141.08	2.6
790426	103741	60.19	140.43	2.5
790426	123132	60.43	140.79	2.3
790426	125520	60.00	136.84	1.4
790426	140323	59.98	136.85	1.6
790426	150225	60.28	140.77	2.2
790426	162442	60.28	140.90	2.9
790426	191116	60.22	140.89	2.5
790427	155237	60.27	140.87	2.2
790429	065736	60.25	140.86	2.3
790429	070831	60.10	141.05	3.7
790429	100107	60.59	141.34	2.3
790430	084228	60.28	140.73	2.4
790430	141635	60.30	140.65	2.4
790430	223509	60.29	140.61	2.9
790501	134325	60.28	140.81	2.5
790502	021525	60.62	140.75	2.0
790502	134048	60.25	140.72	3.7
790502	134737	60.23	140.80	2.5
790502	162504	60.25	140.86	2.6
790502	163545	60.20	140.85	2.4
790502	164805	60.30	140.78	2.5
790503	071052	60.09	140.62	2.2
790503	093745	60.25	141.01	2.0
790503	100454	60.41	140.45	2.0
790503	114157	60.24	140.77	1.9
790503	134900	60.98	138.30	.7
790503	202955	60.22	140.12	1.8
790504	063041	60.40	140.63	2.1
790504	191658	60.25	140.78	3.5
790504	192559	60.43	140.33	1.8
790504	203428	60.26	140.72	2.0
790504	215424	58.57	138.01	2.7
790505	000152	60.39	140.95	2.1
790505	003641	60.27	140.85	2.2
790505	023153	60.28	141.06	2.6
790505	075142	60.24	140.76	2.7
790505	075745	60.08	140.03	1.9
790505	143724	60.31	141.00	1.7
790505	165424	60.07	141.08	3.8
790505	170445	60.12	141.15	2.0
790505	183255	60.07	141.07	2.2
790506	111318	60.22	140.97	3.2
790506	191636	60.24	140.88	1.9
790506	230337	60.23	140.90	2.3
790507	073940	60.00	139.95	1.7
790507	152817	59.95	141.01	2.1
790507	165421	60.74	137.90	2.3
790507	200757	60.28	140.06	1.8
790508	003308	60.25	140.41	1.8
790508	025317	59.43	139.20	2.2
790508	123924	59.97	141.02	2.7
790508	145829	60.34	140.29	2.5

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790508	192352	60.23	140.80	1.7
790509	034054	60.24	140.80	2.3
790509	100854	60.25	140.73	1.8
790509	131419	60.32	141.16	1.9
790509	131920	60.39	140.99	1.9
790509	135420	60.31	140.74	2.2
790509	195208	60.26	141.02	2.0
790509	212259	60.25	140.39	2.1
790510	215742	60.27	140.92	4.4
790511	041810	60.41	140.30	1.9
790511	055831	60.32	141.28	3.0
790511	151705	60.23	140.98	3.2
790511	154005	60.24	140.84	2.1
790511	170952	60.15	140.76	1.8
790511	174537	60.39	141.12	2.5
790511	174653	60.43	140.87	2.0
790511	213320	60.23	140.86	2.1
790512	003658	60.14	139.79	2.2
790512	024945	60.31	140.88	2.2
790512	063955	60.25	140.88	2.4
790512	082305	60.03	140.68	3.1
790512	143920	60.36	140.24	2.0
790512	152055	60.20	140.14	2.8
790512	204827	60.33	140.55	2.0
790513	044357	60.09	141.19	2.2
790513	220047	60.30	140.89	2.2
790514	082425	60.25	140.84	3.2
790514	091911	60.25	140.78	3.5
790514	094234	61.64	141.11	2.1
790515	022550	60.24	140.94	2.7
790515	145256	60.91	138.22	1.1
790515	222613	60.05	140.60	2.6
790515	224859	59.88	140.45	1.9
790516	000107	60.25	140.94	2.7
790516	051435	60.08	140.66	3.6
790516	083227	58.22	136.83	2.2
790516	092818	60.27	140.30	1.9
790516	125615	60.44	140.27	1.8
790516	141922	60.18	140.94	4.6
790516	142437	60.25	141.03	2.0
790516	143347	60.17	140.91	1.7
790516	152843	60.23	140.95	2.9
790516	175338	60.32	140.74	2.6
790516	215146	60.26	140.81	2.6
790517	110413	60.25	140.93	2.8
790517	121907	60.25	140.90	2.5
790517	183501	60.26	140.53	2.5
790518	084803	60.04	139.96	1.8
790518	180514	60.39	140.62	2.4
790518	182809	60.26	141.12	2.1
790519	113042	60.40	141.26	2.5
790519	180527	60.26	140.85	4.2
790519	181311	60.23	140.88	2.8
790519	182145	60.27	140.90	3.2
790519	184257	60.21	140.86	2.5
790519	194230	60.26	140.87	2.3
790519	202537	60.24	140.93	2.5
790519	220718	60.23	140.84	2.5
790519	221121	60.20	140.89	2.1
790520	002807	60.06	140.70	2.1
790520	082548	60.01	140.68	2.7
790520	212252	60.32	141.02	2.8
790521	030302	60.32	140.40	2.0
790521	152800	60.23	140.87	1.8
790521	165203	60.28	140.94	1.9
790521	190232	60.30	140.68	2.9
790521	230205	60.31	140.72	2.4
790522	045038	60.22	140.78	2.9
790523	074438	60.25	140.86	2.3
790524	043911	60.23	140.24	2.4
790524	090418	60.27	140.76	2.3
790524	101454	60.22	140.99	2.1
790524	140946	60.02	140.06	2.5
790524	214324	60.13	140.79	2.2
790525	053005	60.29	141.08	2.1
790525	055814	60.31	140.94	2.1
790525	110047	60.24	140.77	2.5
790525	110502	60.21	140.79	1.6
790525	133007	59.90	136.90	2.2
790525	194536	60.26	141.14	2.8
790526	152305	60.29	140.72	2.8
790526	152839	60.35	140.70	2.2
790526	161753	60.25	140.89	2.2
790526	205633	60.21	140.81	2.7
790526	214030	60.26	140.87	3.1
790527	021731	60.36	141.19	2.2
790527	181536	60.29	140.73	2.2
790527	212945	60.25	140.83	1.9
790528	051338	60.17	140.76	1.9
790528	233646	60.23	140.92	2.4
790529	094105	60.17	140.63	2.0
790529	111420	60.33	140.34	2.9
790529	221743	59.71	138.85	2.9
790530	075836	60.34	140.11	2.1
790530	092000	59.93	140.62	2.2
790530	165230	60.34	140.58	2.3
790531	200026	60.21	140.90	2.1
790531	200155	60.19	140.95	2.7
790531	213858	60.24	140.87	2.2
790531	224752	60.24	140.83	2.4
790601	042905	60.19	140.99	1.8
790602	222910	60.28	140.88	2.0
790603	032644	60.11	140.71	1.8
790603	060424	60.42	140.15	2.0
790603	080844	60.16	140.89	2.1
790603	145910	60.25	139.37	3.0
790603	150208	60.27	140.89	4.2
790603	151137	60.24	137.49	2.1
790603	180108	60.28	140.91	2.1
790603	192625	60.50	140.57	2.2

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790603	200632	60.30	140.75	2.0
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790604	012319	60.22	140.86	2.2
790604	024042	60.36	140.86	2.1
790605	120922	60.30	140.76	2.9
790605	135202	60.27	140.23	1.8
790605	140055	60.56	140.27	1.6
790605	210140	60.29	141.06	1.9
790606	045556	59.66	136.14	2.9
790606	155323	60.03	140.54	1.8
790606	172449	60.29	140.79	2.6
790607	011122	60.29	140.90	2.1
790607	021744	60.17	140.86	2.4
790607	065108	60.31	140.87	2.3
790607	143600	60.53	141.30	2.4
790608	114852	59.34	137.53	2.2
790608	172859	60.23	140.90	2.3
790608	215528	60.03	141.12	2.9
790609	113641	60.31	140.76	2.4
790609	193919	60.25	140.76	2.3
790609	210645	60.05	140.53	2.0
790609	221228	60.28	141.17	2.7
790610	112954	60.47	140.20	3.9
790610	152745	60.29	140.89	1.9
790610	165903	60.01	140.85	2.1
790611	084910	60.08	141.02	2.0
790611	100224	60.28	140.69	1.8
790612	152844	60.17	140.27	1.7
790612	160221	60.07	140.56	2.2
790613	011211	60.17	140.95	2.4
790613	183708	60.23	140.73	2.2
790613	192115	60.22	140.78	2.0
790613	210758	60.25	140.74	1.7
790613	212236	60.25	140.18	2.8
790613	224248	60.24	140.78	1.7
790614	011734	60.21	140.82	2.5
790614	060842	61.02	139.01	1.6
790614	073022	60.18	141.00	1.8
790614	103734	60.07	140.64	1.6
790615	011302	60.29	140.70	3.9
790615	073744	60.42	140.22	2.1
790615	144328	60.30	140.83	1.9
790615	153043	60.36	140.40	3.0
790615	165154	60.21	140.41	3.2
790615	183659	60.23	140.60	2.3
790616	003025	60.21	140.83	2.0
790616	090634	60.35	140.05	2.7
790616	112108	62.06	134.30	2.3
790616	140643	60.20	140.83	2.1
790617	020825	60.36	140.99	2.7
790617	034159	60.26	140.73	1.8
790617	092718	60.04	140.98	2.8
790617	175823	60.23	140.86	4.4
790617	182129	60.18	140.92	3.8
790618	045207	60.15	142.84	2.9
790618	081819	60.18	142.72	2.7
790618	161744	60.34	140.65	1.8
790619	111744	60.32	140.22	1.7
790619	132212	60.32	140.59	2.5
790619	163259	60.08	140.87	2.7
790620	045801	59.34	139.61	2.7
790620	115731	60.06	140.48	2.0
790620	140943	60.12	140.91	1.8
790621	070155	60.26	140.35	1.8
790621	093540	60.31	140.41	2.1
790621	131924	60.25	140.79	1.7
790621	182510	60.59	141.34	1.8
790621	225505	60.18	140.78	2.1
790622	031252	60.04	140.57	2.3
790622	194642	60.21	140.97	2.3
790623	000603	60.29	141.19	2.0
790623	021733	60.07	140.55	2.2
790623	033137	60.22	140.77	1.9
790623	121129	59.95	141.13	3.6
790623	123743	60.02	140.96	2.4
790623	131038	60.22	140.91	1.8
790623	183934	58.03	134.79	4.5
790624	160437	60.58	141.36	2.1
790624	174249	60.25	140.81	2.0
790624	180348	60.07	140.97	2.9
790624	203517	60.25	140.91	2.3
790624	212015	60.25	140.80	2.1
790625	050802	60.18	140.65	4.6
790625	152628	60.21	140.86	3.0
790626	094906	60.18	140.76	2.0
790626	135012	60.72	138.48	2.8
790627	012828	60.18	141.00	2.1
790627	064806	60.27	140.71	2.1
790627	125711	60.19	141.05	2.2
790627	131248	60.12	141.05	2.8
790627	185034	60.24	140.70	2.0
790627	200954	60.26	140.80	2.2
790628	015704	60.08	140.97	2.6
790628	043516	60.29	140.75	2.0
790628	092024	60.25	140.75	2.8
790628	124257	60.17	140.84	1.9
790628	161839	60.04	140.64	1.8
790628	213103	60.05	140.70	2.1
790629	073858	60.81	139.40	1.7
790629	091216	60.32	141.02	3.0
790629	221941	60.07	140.92	2.3
790630	013244	60.25	140.10	2.7
790630	015458	60.27	140.74	2.0
790630	044203	60.25	140.20	1.7
790630	092314	60.22	141.02	2.2
790630	165759	60.24	140.71	2.2
790701	032734	59.47	136.80	1.8
790701	104234	59.98	140.60	2.4
790702	004215	60.13	140.98	2.3
790702	015406	60.25	140.80	1.8

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790702	063214	62.14	141.85	2.0
790702	121330	60.12	140.64	1.7
790702	125841	60.04	140.72	2.3
790702	164117	60.23	140.87	2.3
790702	182023	60.06	140.95	3.8
790702	202757	60.26	140.82	2.1
790703	185559	60.24	140.84	2.1
790704	000751	60.21	140.55	3.0
790704	001542	60.33	140.57	4.0
790704	060307	60.41	141.17	2.2
790704	060447	60.38	141.09	1.9
790704	204857	60.11	140.98	2.6
790704	215642	60.15	140.96	2.3
790705	061126	60.25	140.74	3.4
790705	063304	60.27	140.73	2.6
790705	122500	60.49	140.61	1.9
790705	194218	60.28	140.94	2.0
790707	134122	59.02	136.41	2.5
790707	142737	60.67	141.44	1.7
790707	150822	60.36	140.58	2.0
790707	212300	60.36	140.30	1.9
790708	041804	60.32	140.12	2.7
790708	215545	60.18	140.85	2.7
790709	055852	58.51	133.52	3.3
790709	104625	58.49	133.32	3.4
790709	124423	58.38	133.49	3.1
790709	210744	60.06	141.03	2.3
790710	041308	58.49	133.61	3.3
790710	121913	60.33	140.90	1.9
790711	030313	60.00	140.95	2.7
790711	041203	58.38	134.07	2.9
790711	061359	58.47	133.96	3.0
790711	073035	60.20	140.78	2.1
790711	135709	60.22	140.91	2.7
790711	174505	60.32	141.14	2.4
790712	005259	59.59	139.07	3.0
790712	011701	60.18	140.61	1.8
790712	023701	58.43	133.40	3.3
790713	064914	60.20	141.10	3.1
790713	145827	60.19	140.75	2.6
790714	111550	60.41	140.96	2.1
790714	185140	60.07	140.64	3.4
790715	001408	60.23	140.26	2.0
790716	030627	60.14	140.98	2.3
790716	123322	60.25	140.91	2.3
790716	130344	61.39	140.06	1.6
790717	053438	60.28	140.71	2.0
790717	081640	59.09	136.63	2.7
790717	140058	60.05	140.64	2.6
790719	213553	60.28	140.70	1.9
790720	073006	61.79	134.55	2.3
790721	102933	60.24	140.68	3.5
790722	055217	60.26	141.07	2.1
790722	183656	60.13	137.19	2.3
790723	204511	60.10	140.88	2.3
790724	083240	60.32	140.68	1.9
790724	150025	60.43	140.63	2.5
790725	195517	60.24	141.01	2.0
790727	012809	58.36	137.36	3.1
790727	085458	60.40	142.65	3.6
790727	104952	60.25	140.79	2.2
790727	140139	60.33	142.81	2.4
790728	112728	60.29	142.66	2.7
790728	144253	60.28	140.63	2.1
790728	154655	60.20	140.78	1.9
790728	183252	60.31	140.65	2.3
790729	193616	60.34	140.19	2.0
790729	193757	60.41	139.97	2.0
790730	022815	60.24	140.90	2.0
790730	083734	60.23	140.91	2.5
790730	083904	60.19	141.01	2.2
790730	131534	60.23	140.91	2.7
790730	171334	60.10	140.55	3.3
790730	180416	60.23	140.68	2.1
790730	200440	59.98	141.27	3.2
790801	020343	60.39	140.26	3.1
790801	135803	60.27	140.93	2.9
790801	150827	60.25	140.97	2.2
790801	163242	60.26	140.70	1.9
790802	001753	60.27	140.93	1.9
790802	040040	60.27	140.74	2.8
790802	083400	60.39	140.62	2.9
790803	004130	60.31	142.94	2.3
790803	152806	60.27	140.90	1.6
790803	155023	60.24	140.67	2.7
790804	013445	60.29	141.35	1.6
790804	100321	60.30	141.06	1.7
790804	104511	60.00	139.39	1.8
790804	124739	59.63	139.77	1.9
790805	032244	60.25	140.62	1.7
790805	042718	60.32	140.73	2.3
790805	080352	60.11	141.50	1.9
790805	115141	60.30	141.13	2.6
790805	154928	60.31	141.07	1.9
790805	162608	60.26	140.86	2.1
790806	005911	60.55	141.29	1.9
790807	005303	60.27	140.20	2.9
790807	123810	60.22	141.04	2.0
790807	132225	60.31	140.68	3.0
790807	155443	60.24	140.94	1.9
790808	034300	60.17	140.84	1.9
790809	013155	60.25	140.72	3.2
790809	203958	60.24	140.85	1.8
790810	051021	60.77	138.09	1.7
790810	090508	60.08	141.03	2.8
790811	110503	59.97	141.21	2.3
790811	145832	60.04	140.74	3.0
790811	200816	60.03	140.54	3.7
790812	050536	60.62	140.84	1.6
790812	155642	60.33	140.47	2.0

-DATE-	-TIME-	-LAT-	-LONG-	MAG
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790813	215722	60.31	139.43	2.4
790814	204206	60.11	139.28	2.2
790815	010616	60.29	141.13	2.2
790815	040030	60.21	140.74	3.0
790815	150236	59.72	138.83	2.3
790816	032136	60.26	140.80	1.9
790816	133838	60.31	141.12	2.1
790817	041300	60.34	140.72	2.2
790817	122548	60.25	140.86	2.0
790817	164325	60.05	140.03	1.8
790818	053414	60.30	141.08	2.3
790818	152356	60.30	140.66	1.7
790818	225207	60.45	140.56	1.6
790819	010123	60.81	138.21	1.3
790819	153858	60.07	140.64	2.3
790820	072852	60.19	139.54	1.8
790820	213928	60.30	140.79	2.0
790821	004106	60.42	141.03	1.8
790821	004926	60.30	141.05	1.8
790821	085629	60.33	140.16	1.8
790821	140326	60.27	141.12	3.1
790821	171627	59.87	139.50	2.0
790824	033531	60.15	141.15	1.9
790824	041627	60.25	140.22	2.9
790824	042118	60.25	140.20	2.7
790825	082301	60.26	140.82	3.6
790825	094042	60.31	140.72	2.3
790825	113256	60.54	137.42	1.0
790825	204227	60.31	140.00	2.5
790826	100528	60.23	140.86	2.4
790827	001145	60.21	140.69	1.9
790827	005239	60.25	140.80	2.0
790827	083610	60.28	140.64	2.1
790827	130741	60.30	140.97	2.2
790827	135605	60.24	140.25	1.9
790827	184716	60.18	140.87	2.1
790828	184245	58.75	137.29	2.6
790830	191833	60.00	141.03	2.3
790830	224613	60.55	137.19	1.6
790901	020601	60.25	140.16	2.0
790901	185152	60.18	140.96	2.2
790901	185656	60.20	140.89	3.7
790902	111447	60.07	140.31	2.1
790903	230428	60.30	141.05	2.5
790904	005829	60.11	139.82	2.8
790904	054653	60.10	140.94	2.3
790904	103038	61.56	141.16	1.7
790905	133536	60.16	140.61	2.1
790905	150702	60.34	140.29	1.9
790905	151011	60.32	141.46	2.4
790905	151534	60.25	140.63	1.9
790906	180226	60.24	140.84	2.0
790907	124914	60.30	140.44	1.9
790908	003425	60.36	140.26	2.1
790908	040136	59.90	139.32	1.7
790909	161056	60.24	140.91	2.7
790910	135307	60.25	140.83	2.1
790910	152918	60.31	140.70	2.3
790910	162935	60.28	140.70	2.1
790911	132839	58.90	136.96	2.0
790912	001634	60.41	140.24	2.8
790912	085602	60.03	140.67	3.4
790912	172949	60.48	142.62	2.2
790912	183741	60.30	140.87	2.2
790912	205544	60.40	143.01	2.4
790915	065716	60.31	141.03	2.5
790915	115241	60.10	140.61	2.3
790917	162104	59.81	139.05	2.7
790917	205748	60.24	141.12	3.0
790918	020743	60.04	140.75	2.7
790918	030508	61.69	140.01	1.6
790918	180127	60.21	140.75	1.9
790918	202520	59.72	136.82	2.8
790920	155825	60.26	140.75	2.1
790920	215241	60.30	140.79	3.1
790922	174401	60.31	140.73	2.2
790922	174845	60.43	139.35	2.7
790922	180205	60.40	139.51	2.1
790923	151416	60.13	139.27	2.2
790923	184722	60.22	140.20	2.7
790924	133146	60.33	140.03	2.5
790926	064440	60.00	140.59	2.3
790926	135420	60.29	140.84	2.2
790926	140955	60.27	140.83	2.2
790928	152943	60.30	140.70	2.1
790930	082516	62.00	143.67	3.0
791001	020606	60.37	140.27	2.3
791001	205713	60.11	140.96	2.2
791004	134048	62.48	142.58	3.7
791005	133004	60.27	140.88	2.2
791005	152047	60.67	141.31	2.8
791006	001934	61.37	140.09	2.3
791007	064048	58.53	133.52	3.1
791007	234827	58.52	133.59	3.0
791008	014311	60.26	140.41	2.0
791008	113648	58.51	133.51	2.9
791010	075803	58.53	133.29	3.1
791010	213815	58.51	133.42	3.2
791011	054901	59.97	141.02	2.6
791011	170502	58.52	133.68	3.1
791012	145247	58.51	133.30	3.2
791013	103308	58.60	133.35	3.1
791013	130610	58.45	133.58	3.1
791014	074419	60.21	141.06	3.2
791014	161528	58.95	137.34	2.0
791014	165251	60.27	140.89	3.0
791014	181655	60.30	141.11	2.8
791015	130954	59.95	141.29	2.6
791016	024951	60.83	139.99	1.8

-DATE-	-TIME-	-LAT-	-LONG-	MAG
791016	121435	60.00	141.88	3.1
791016	192130	60.76	141.17	3.5
791017	233411	59.97	140.72	4.3
791018	022445	60.00	140.91	2.0
791019	072344	60.25	140.91	2.2
791022	100651	60.06	134.17	1.7
791022	184737	60.06	134.20	2.0
791023	184447	59.79	138.83	1.9
791024	141734	60.41	141.34	2.3
791025	163456	61.27	138.98	2.4
791029	015025	60.51	140.50	2.6
791029	093249	60.48	140.37	2.8
791029	093942	60.52	140.50	2.2
791029	164842	59.99	140.69	2.2
791031	064728	60.59	134.94	1.2
791031	165534	60.35	140.36	2.5
791101	023213	59.94	141.22	3.1
791101	111301	60.36	140.55	2.2
791102	080515	60.13	140.79	2.2
791103	014112	60.47	140.25	2.0
791103	090006	60.63	141.52	2.4
791103	115932	59.72	139.47	1.8
791103	153703	60.21	140.70	3.0
791103	235934	59.54	139.00	1.7
791104	002419	60.32	140.91	2.3
791104	050344	60.49	142.76	3.7
791104	164737	60.20	141.18	2.5
791104	202416	60.13	141.25	2.6
791106	122727	60.06	140.81	3.4
791106	134404	60.09	140.75	3.1
791106	182740	60.62	141.38	2.5
791109	154103	60.54	141.73	2.4
791110	111557	60.21	141.28	4.2
791110	163832	60.17	140.99	3.3
791110	202031	60.12	140.92	3.2
791111	075348	60.48	141.52	3.4
791111	204850	60.77	137.70	3.5
791112	151334	59.98	140.64	3.2
791114	205634	60.18	140.49	2.1
791116	050253	60.17	140.55	2.3
791116	125550	60.32	140.29	2.2
791116	154005	60.43	141.37	2.2
791117	221621	59.97	141.35	2.6
791118	001109	60.30	140.54	2.1
791118	004200	60.24	140.77	3.0
791118	020610	60.15	140.93	3.1
791120	234827	60.31	140.92	2.4
791121	071547	60.74	142.85	2.6
791121	080849	60.66	142.81	2.6
791121	092500	60.26	140.76	2.3
791121	222110	60.29	140.95	2.0
791121	222616	60.34	141.17	2.1
791122	020349	61.62	140.92	1.8
791122	122619	60.22	142.31	3.6
791122	152311	60.22	140.66	2.3

-DATE-	-TIME-	-LAT-	-LONG-	MAG
791122	185154	60.08	140.87	3.8
791122	190949	60.02	141.08	2.5
791124	225424	60.47	137.16	1.4
791125	080118	60.33	140.70	2.2
791127	200217	60.11	140.75	2.3
791130	102014	60.25	140.70	2.4
791202	221134	60.34	143.84	2.7
791204	044057	60.28	140.89	2.8
791204	051105	60.27	140.65	2.9
791205	192753	60.29	141.23	2.5
791206	094642	60.31	141.11	2.3
791206	175025	60.21	141.05	2.4
791206	181642	59.22	136.73	2.2
791207	182400	60.34	140.72	2.1
791208	113416	60.26	140.68	2.3
791209	004346	59.50	136.62	1.7
791209	070350	60.19	140.74	4.9
791209	072457	60.31	140.68	2.2
791209	074350	60.27	140.73	2.3
791209	084659	60.31	140.67	2.3
791209	085506	59.04	135.35	3.4
791209	092535	60.28	140.72	2.3
791209	104225	59.07	136.40	2.3
791209	111405	61.23	140.36	3.3
791209	151108	60.20	140.79	2.8
791209	151454	60.34	140.55	2.3
791211	154222	60.64	141.65	2.5
791212	062317	60.20	140.01	2.1
791212	225527	60.29	140.81	2.2
791213	151937	59.82	136.60	2.9
791214	001630	60.27	139.83	2.2
791214	180233	60.15	141.04	2.9
791215	013023	60.30	141.22	2.2
791215	104510	59.78	139.51	2.4
791217	000043	60.28	141.31	2.5
791218	180715	60.24	141.13	2.7
791220	121915	61.61	141.04	2.5
791221	024030	60.23	141.08	3.7
791224	082234	61.67	141.42	2.2
791224	092917	58.91	137.69	3.4
791224	151245	60.22	140.98	3.2
791225	222848	62.68	138.02	2.2
791225	233430	60.19	140.86	2.4
791228	102719	60.18	140.32	2.5
791228	132010	60.24	141.02	2.7
800101	002258	60.26	141.06	2.3
800101	231807	60.22	140.99	2.6
800102	091709	60.24	140.88	2.8
800104	071731	59.81	140.86	2.6
800105	182421	60.10	140.56	2.6
800105	204302	60.25	140.71	2.3
800106	041355	60.23	140.64	2.4
800108	104755	59.55	139.27	3.3
800109	050710	60.64	139.68	2.3
800110	143909	60.17	141.11	2.8

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800111	092435	60.27	140.84	2.5
800112	215023	60.16	140.72	4.1
800114	092958	60.30	141.04	3.7
800114	100158	60.19	140.81	2.6
800115	232342	60.10	141.00	2.5
800117	061634	59.25	136.16	3.2
800120	113308	59.40	134.65	3.5
800120	130111	59.45	134.61	2.0
800121	064617	59.97	140.65	2.6
800121	103746	58.91	137.48	3.1
800121	185718	58.55	137.51	2.9
800122	074543	60.12	141.03	2.8
800122	074628	60.10	141.06	2.8
800130	031844	60.53	137.20	2.3
800130	191838	60.23	141.26	2.7
800130	191956	60.29	140.35	2.3
800131	024250	61.82	141.48	2.5
800202	42933	60.11	141.48	3.4
800203	064307	60.09	140.93	2.6
800204	015258	60.34	140.32	2.8
800204	142247	60.26	140.23	2.5
800205	180730	60.27	140.13	2.7
800205	203548	59.41	134.53	3.4
800207	141124	60.04	140.67	3.0
800207	151413	60.06	140.63	2.8
800207	151930	60.04	140.68	2.9
800208	053717	61.99	139.95	2.3
800211	074908	60.10	137.05	2.4
800213	160950	60.19	141.10	3.0
800215	133359	60.42	140.69	2.1
800219	201831	60.06	140.93	2.4
800220	180717	60.00	141.16	2.5
800222	175333	60.55	137.65	1.6
800222	195140	60.22	140.73	2.6
800224	145215	59.88	136.70	3.0
800226	043357	60.14	140.84	2.8
800227	045858	59.56	139.62	2.1
800227	062034	60.21	141.11	2.7
800227	131351	60.68	137.29	1.1
800227	183935	60.00	141.36	3.6
800227	184758	59.98	141.38	2.7
800228	144241	60.16	137.11	2.1
800229	081724	61.33	139.65	2.1
800301	135160	60.48	141.57	3.3
800305	200000	60.14	140.98	3.9
800306	143145	60.21	140.85	2.4
800306	210524	60.25	140.85	2.6
800306	211116	60.25	140.87	2.6
800309	230813	59.96	141.40	2.2
800312	094918	60.13	141.01	2.4
800312	185660	60.25	141.15	3.1
800314	180446	60.22	140.79	2.6
800315	223744	60.17	140.74	3.3
800316	174006	60.35	140.29	2.4
800321	131316	60.21	140.84	2.5

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800323	150828	60.32	141.01	2.4
800324	131756	60.47	141.46	2.5
800325	090714	61.40	140.10	2.3
800325	205259	60.21	141.34	2.9
800326	033823	58.73	136.96	2.7
800327	095446	60.25	140.86	1.9
800327	135518	60.49	140.47	2.3
800327	135605	60.56	140.47	2.7
800329	071525	59.51	138.83	2.1
800330	094806	59.50	134.82	3.0
800330	195552	59.54	134.91	2.0
800402	115731	60.24	141.03	2.1
800404	135414	60.17	141.10	2.2
800405	122741	58.62	136.92	2.6
800405	181859	59.30	139.28	2.1
800407	001337	60.19	140.79	1.9
800407	022236	60.38	140.26	1.8
800407	045014	60.16	140.84	2.0
800407	123600	60.05	141.17	2.0
800408	022953	60.03	141.18	2.3
800408	031819	60.14	141.08	2.0
800410	093313	60.20	140.87	2.1
800413	014000	60.27	140.89	2.3
800413	112727	59.27	135.34	2.1
800413	173513	59.14	135.13	2.6
800413	184215	60.41	141.12	2.1
800414	101345	60.21	140.90	2.9
800414	181126	60.22	141.01	3.6
800414	185730	60.22	140.85	1.9
800415	002247	60.34	140.73	1.8
800415	063834	60.29	142.70	2.7
800415	090731	60.17	140.41	2.0
800415	144039	59.57	135.88	2.5
800416	164800	61.42	140.66	2.5
800417	084620	60.28	140.94	1.9
800417	085956	58.24	142.98	3.0
800417	142053	61.95	140.11	2.5
800419	000436	60.17	140.83	2.3
800420	073501	60.14	140.74	3.0
800422	102125	60.32	141.05	2.4
800422	115516	60.15	140.93	3.0
800424	022638	59.53	136.86	2.4
800424	111650	60.32	140.62	2.8
800424	145250	60.26	140.67	3.4
800424	161332	60.35	140.68	2.0
800427	165736	60.01	141.04	2.6
800428	052526	60.25	140.02	2.2
800428	082335	60.26	141.00	2.2
800430	114734	60.16	140.87	2.4
800501	092627	60.44	140.10	1.9
800501	162112	60.21	141.16	2.1
800503	170828	59.94	141.99	2.4
800503	200535	60.26	140.76	2.3
800503	203233	60.34	140.73	2.0

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800505	111131	60.24	140.68	2.2
800506	091037	60.34	140.15	2.1
800506	222502	59.15	136.60	2.9
800507	174934	60.47	140.85	2.4
800508	030639	60.51	142.63	2.4
800508	201324	60.45	140.58	2.3
800509	051657	60.31	141.00	1.6
800511	034343	60.32	141.20	2.2
800511	051823	60.66	137.64	2.3
800511	054741	60.27	141.10	2.5
800511	144101	60.19	140.75	2.6
800512	003907	60.17	140.76	2.1
800513	064109	58.57	136.91	2.5
800515	064921	60.93	138.48	2.0
800517	122648	60.06	141.15	2.6
800518	152024	60.31	141.05	2.2
800518	192945	61.67	141.34	1.8
800518	231654	60.44	140.53	1.8
800519	055908	61.57	141.08	1.5
800520	051132	60.09	141.23	2.2
800520	063946	60.15	139.25	2.1
800520	080006	59.01	137.17	2.4
800520	101252	59.54	138.33	3.0
800520	102444	59.53	138.56	2.2
800520	141419	61.58	141.06	2.1
800521	072145	60.30	140.90	2.2
800522	111311	60.09	140.99	2.0
800522	112156	60.27	140.71	2.5
800524	192022	60.62	141.53	2.7
800527	014139	60.13	140.98	2.5
800528	003905	58.48	133.35	3.4
800529	024533	60.27	139.49	2.4
800530	055155	59.61	135.56	2.5
800601	004228	61.36	140.74	1.8
800601	010810	60.23	140.83	2.0
800601	184453	62.09	139.56	1.9
800602	132630	60.05	135.47	2.1
800603	051102	61.01	138.53	2.1
800604	032518	58.93	136.41	2.6
800604	072629	60.26	140.81	2.1
800604	213626	60.09	141.47	2.8
800605	115620	60.20	141.10	2.1
800606	000903	60.45	140.58	2.0
800606	222453	60.73	138.26	1.7
800607	001152	61.01	137.98	1.6
800607	064916	60.15	141.01	2.5
800607	212237	60.25	141.02	2.3
800608	222016	61.68	141.28	1.5
800608	225635	60.36	141.12	2.2
800609	020105	61.34	139.96	1.6
800609	031501	60.24	140.75	1.7
800609	125426	60.35	140.63	2.6
800611	065612	61.60	140.25	3.1
800611	071007	61.58	140.26	1.9
800611	150142	60.22	140.82	1.9
800612	110033	60.37	140.59	1.9
800614	130451	60.37	140.93	2.7
800615	010608	60.10	140.91	3.2
800617	144240	60.11	140.81	3.2
800618	184142	60.28	140.67	2.2
800619	205150	60.41	140.84	2.2
800619	205501	60.25	140.61	2.5
800619	220834	60.38	141.22	2.1
800620	142402	59.21	139.12	3.0
800621	095452	60.65	141.71	2.7
800621	135904	60.20	140.81	1.9
800621	213609	60.13	141.09	2.4
800623	192324	60.44	140.80	1.9
800624	080306	59.96	139.47	1.9
800624	214119	60.21	140.65	2.1
800625	101549	59.39	137.41	3.0
800626	070229	59.33	137.51	3.0
800627	142435	60.10	140.93	3.1
800628	151453	58.36	136.54	3.4
800630	055135	61.43	140.33	1.7
800630	180741	59.91	141.10	5.0
800630	181156	60.24	141.38	3.1
800630	181554	60.11	140.92	2.7
800630	182710	60.08	140.96	3.0
800630	184751	59.95	140.98	4.1
800630	185933	59.90	141.09	4.9
800630	190900	60.04	140.97	2.8
800630	192851	60.07	140.98	2.9
800630	194302	59.88	140.96	2.2
800701	031748	60.07	141.02	1.8
800701	050905	60.06	140.92	2.3
800701	054607	60.08	141.50	2.1
800701	084836	60.05	141.09	1.8
800701	124206	60.00	140.98	2.2
800701	172126	59.99	141.01	2.2
800701	205031	60.08	141.13	1.8
800701	213701	60.07	141.05	2.0
800701	223247	60.26	140.54	2.0
800702	024218	59.98	140.97	3.5
800702	085859	59.91	140.95	2.3
800703	010845	60.21	137.03	4.5
800703	030606	60.19	136.93	1.9
800703	095902	61.47	141.36	1.6
800703	133643	60.07	140.95	1.9
800703	184932	60.50	140.22	3.1
800703	204405	59.91	141.06	2.5
800704	010108	60.00	140.82	2.4
800704	034604	60.17	136.88	1.7
800704	081757	60.11	141.37	1.8
800704	220516	60.05	141.34	3.6
800704	230907	60.06	140.89	3.0
800705	043643	60.07	140.85	2.7
800705	050154	60.07	140.86	2.0
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800708	115621	61.43	139.76	2.3

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800709	083602	59.40	136.88	2.4
800709	164011	59.34	136.91	2.1
800709	225601	61.63	141.00	2.1
800710	214231	60.06	141.17	2.2
800711	053152	59.94	139.64	1.3
800711	170059	60.36	140.25	2.6
800711	202102	60.61	141.49	2.2
800712	130444	60.20	136.83	2.2
800713	181621	59.30	136.58	2.6
800713	210207	60.30	141.33	2.9
800714	145833	60.31	140.28	1.8
800717	060234	59.27	136.71	4.4
800717	070837	59.33	136.48	3.3
800717	084922	59.35	136.56	2.6
800717	133735	60.17	141.08	2.6
800717	134131	60.17	141.09	1.8
800718	065027	60.28	140.94	2.0
800718	2012 6	60.17	141.15	4.2
800718	231924	62.90	135.94	2.4
800719	064721	59.38	136.69	2.5
800719	162817	60.21	140.91	2.6
800720	160409	59.34	136.81	3.2
800720	160960	59.31	136.77	3.2
800721	084839	59.28	136.77	3.5
800722	121438	61.07	138.89	2.0
800723	153726	60.26	140.79	2.8
800724	004511	60.03	139.33	2.1
800724	020818	60.04	139.38	2.2
800724	065940	60.25	136.92	2.7
800724	092201	60.12	139.17	2.4
800724	101048	59.37	137.34	2.6
800724	153919	60.27	140.85	2.4
800725	003340	60.07	141.06	2.5
800725	012219	60.30	141.26	2.4
800725	032112	59.34	136.68	2.6
800725	033556	59.83	141.05	3.7
800725	071949	60.28	141.26	2.3
800726	154544	59.35	136.89	2.0
800727	194552	60.02	140.98	2.4
800727	194702	60.00	140.95	2.6
800728	011536	60.02	141.06	3.3
800728	021534	60.13	141.15	2.1
800728	022926	60.16	140.80	3.3
800729	035643	61.05	138.32	1.8
800729	084914	60.25	140.69	2.4
800730	124928	60.14	140.63	2.4
800731	051346	60.35	140.66	1.8
800801	112907	59.35	136.63	2.8
800802	073616	59.15	137.08	2.1
800804	011922	62.20	141.39	3.0
800804	050038	62.16	141.57	2.2
800804	112957	61.42	140.99	1.8
800804	215359	60.13	140.59	2.3
800804	221038	60.13	140.68	2.5
800805	020541	60.28	140.95	2.4
800806	041420	60.09	140.63	1.8
800807	223719	61.46	139.89	1.9
800808	103709	60.28	140.80	2.2
800811	211117	60.11	140.58	3.8
800812	181556	60.07	140.96	2.1
800813	032209	60.19	140.83	2.1
800813	222327	60.12	141.84	2.5
800813	224850	59.99	141.50	2.5
800816	231921	59.25	136.77	2.3
800817	185124	60.26	140.81	2.7
800817	192905	60.15	141.27	2.4
800822	220042	60.25	140.89	2.9
800824	070759	60.13	136.88	1.7
800827	073649	62.27	136.44	2.0
800827	150932	62.15	136.89	1.8
800828	053602	60.19	136.92	1.8
800830	222539	60.25	140.76	2.3
800901	174805	60.28	140.86	2.1
800903	194413	60.30	141.41	1.9
800904	182447	60.25	141.17	2.1
800904	234124	59.29	136.80	2.3
800905	060853	60.20	141.24	2.2
800905	104036	61.59	141.10	2.4
800905	120707	61.57	141.10	3.0
800905	210550	60.08	141.14	2.9
800907	023918	60.11	140.62	2.1
800908	131321	60.17	139.41	1.9
800909	085234	60.28	140.82	2.5
800909	181000	59.22	136.70	2.1
800910	144658	60.29	140.24	2.5
800910	155557	60.26	140.34	1.8
800911	061341	60.30	140.22	2.5
800911	101421	60.29	140.69	1.7
800911	111512	59.89	139.53	2.0
800913	091503	62.77	143.26	3.9
800914	072442	60.50	141.42	2.9
800919	022143	60.10	141.10	3.1
800919	022659	60.07	141.22	1.8
800921	031941	60.04	140.95	2.2
800921	055021	59.38	135.91	2.2
800921	120926	60.05	140.69	2.0
800921	121710	60.11	140.60	2.0
800921	125615	59.97	141.47	2.2
800921	141341	60.29	140.93	2.0
800922	134113	60.25	141.03	2.5
800923	052228	60.20	141.08	2.8
800923	142856	60.18	136.91	1.7
800924	025512	60.23	141.05	2.7
800925	132742	60.09	140.64	2.9
800925	143031	60.10	140.63	2.3
800927	035216	60.20	140.91	2.0
800927	091412	60.04	140.50	1.9
800928	114550	61.73	140.92	2.4
800930	205000	61.62	141.18	3.0
801002	140445	60.27	141.46	2.5

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801002	201717	59.22	136.65	2.1
801002	204452	60.27	141.01	1.7
801003	084439	60.29	140.92	2.0
801004	072743	60.12	140.65	2.1
801004	143108	59.20	136.49	3.2
801004	143907	59.23	136.38	2.0
801005	072220	60.02	141.08	4.0
801005	075222	60.07	141.07	3.0
801005	160426	60.01	141.17	4.0
801005	160730	60.02	141.03	2.5
801005	191334	60.04	140.96	2.7
801006	003730	61.70	142.54	1.9
801006	233333	59.99	141.15	3.8
801006	233633	60.03	141.13	2.7
801008	033351	60.09	140.93	2.8
801008	033444	60.02	140.95	2.7
801008	034339	60.05	140.99	2.3
801008	094929	60.24	140.60	2.1
801009	091817	60.17	137.26	1.7
801009	115931	60.33	141.21	3.0
801009	140248	60.05	140.95	2.1
801010	164602	60.02	140.88	2.2
801012	110759	60.24	141.08	2.0
801012	161541	60.12	141.15	2.6
801012	170032	60.27	140.67	1.9
801013	073816	60.22	140.70	3.4
801013	094844	58.52	137.21	2.4
801013	130036	60.23	140.72	3.0
801013	222040	60.18	141.30	2.1
801015	160002	58.51	133.49	3.5
801016	173604	60.23	141.08	2.4
801017	032321	58.49	133.37	3.4
801017	082957	60.26	140.85	2.1
801017	094241	58.43	133.37	3.3
801017	232213	58.44	133.55	3.2
801018	002134	58.55	133.50	3.2
801018	101203	58.47	133.68	2.9
801018	142031	58.75	133.46	3.2
801018	212001	60.23	140.88	2.0
801020	020710	59.25	136.79	2.3
801020	132536	58.36	133.31	3.4
801020	173839	60.15	141.44	2.3
801022	010656	60.40	140.82	1.9
801022	023030	62.41	143.64	3.2
801022	143507	62.06	135.56	2.7
801026	052929	60.10	141.13	2.3
801026	062518	60.25	140.89	2.7
801027	224227	60.15	141.47	2.3
801028	092915	60.27	140.59	2.1
801028	151847	58.82	136.39	2.4
801030	011109	60.28	140.33	2.1
801030	171125	60.10	140.89	4.2
801031	011738	59.19	136.42	3.7
801102	000001	60.04	141.31	3.0
801102	082505	60.25	140.29	2.3
801102	201849	60.15	141.45	2.1
801103	090528	60.20	140.83	2.4
801104	025749	61.36	140.28	1.8
801106	132219	60.11	141.51	1.8
801107	030254	60.84	138.21	1.8
801108	035436	60.22	140.93	1.6
801108	060927	59.59	136.09	1.9
801109	183000	61.55	141.32	2.4
801110	091923	60.03	140.99	2.2
801111	075927	60.26	140.75	1.9
801111	110020	60.27	141.02	2.1
801111	143336	60.17	140.91	1.8
801111	195026	60.18	140.92	2.4
801112	204902	61.41	140.87	2.4
801114	043317	59.33	137.45	2.7
801118	191802	60.23	139.77	2.3
801118	193831	60.11	139.48	2.9
801121	043653	60.04	140.64	2.3
801122	032032	59.38	136.43	2.5
801123	215153	60.01	141.26	2.5
801124	015958	60.20	140.63	2.6
801124	154747	60.32	141.04	2.4
801125	023927	60.63	141.55	2.8
801127	193851	60.23	140.69	2.1
801127	225415	59.17	136.20	3.9
801128	000904	59.13	136.31	2.3
801128	052139	62.48	136.07	2.4
801129	221704	60.29	140.83	2.5
801202	133724	59.20	136.58	3.2
801202	205119	60.22	140.96	2.2
801204	030257	60.30	140.85	1.8
801204	222136	60.62	142.86	2.2
801205	032105	59.71	139.52	2.0
801205	072615	60.26	140.87	2.1
801206	011205	58.74	136.76	2.2
801206	011329	58.80	136.84	2.1
801206	064056	60.01	137.28	1.7
801206	101208	60.45	141.39	2.0
801206	133710	60.14	141.21	2.2
801206	203731	60.28	140.88	2.0
801207	080019	60.16	141.10	2.0
801208	043921	60.28	140.27	2.0
801208	120747	60.07	140.48	2.1
801209	113055	60.33	141.34	1.7
801209	183944	60.40	140.26	2.3
801210	101046	59.54	139.31	2.5
801216	003216	59.38	136.35	2.2
801217	053447	59.56	139.65	2.0
801217	114108	59.40	137.95	2.0
801219	001000	58.65	137.03	2.1
801220	144318	60.15	136.90	1.4
801225	150555	60.27	140.99	2.3
801227	023320	61.20	134.04	2.7
801229	105514	58.98	136.69	2.8
810101	130539	60.36	140.17	2.0

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810102	145549	60.41	140.56	2.0
810104	231139	60.24	141.04	2.2
810105	011741	60.20	140.81	2.3
810106	075228	59.69	139.73	2.2
810106	143045	59.67	139.67	2.0
810108	092438	61.37	140.27	2.0
810109	130721	60.25	140.30	2.0
810110	062833	60.25	140.39	2.1
810110	124131	61.09	141.30	2.6
810110	223207	60.21	139.30	3.5
810111	130724	58.26	137.02	3.2
810112	135558	60.90	138.40	1.1
810113	015917	60.36	141.12	1.8
810113	024906	59.61	138.83	2.2
810113	081728	61.47	140.61	2.5
810113	095428	61.43	139.70	2.4
810114	152957	58.99	140.28	2.2
810115	035244	62.25	134.03	3.1
810115	132327	62.37	140.86	2.1
810117	051441	60.02	139.94	2.0
810117	144832	59.13	136.89	2.3
810119	203435	62.29	138.88	1.5
810120	191253	58.37	133.36	2.4
810121	003907	60.08	141.09	2.6
810121	105903	61.41	141.54	1.6
810122	054244	60.16	137.98	3.4
810122	060508	59.23	136.23	2.7
810122	230543	60.25	138.33	1.6
810123	181551	58.97	137.71	2.0
810123	190427	60.00	140.02	2.9
810123	190548	60.03	140.04	2.2
810123	190636	59.97	140.09	2.0
810123	192627	60.01	139.97	2.6
810123	193348	60.04	140.01	2.2
810123	193937	59.97	139.99	1.8
810123	201105	59.97	140.14	1.6
810124	010641	59.96	140.08	1.9
810124	092809	60.31	140.58	2.0
810126	150128	60.39	141.02	2.2
810127	103818	58.46	133.51	2.6
810128	092136	60.30	141.07	1.9
810128	122928	59.56	136.20	1.4
810128	183356	60.35	141.09	2.1
810130	074152	60.24	137.00	2.3
810201	040731	60.17	140.93	1.9
810202	101752	62.03	140.84	2.1
810202	101949	62.00	140.97	1.6
810204	055450	60.25	140.85	1.5
810205	094054	60.19	140.95	1.7
810205	110653	60.05	141.08	2.1
810206	003149	60.17	136.98	2.1
810206	045749	60.10	141.11	1.7
810207	035520	60.29	141.06	2.0
810207	035915	60.74	142.75	3.2
810208	134854	60.45	140.60	2.5

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810210	234110	61.49	140.77	1.8
810211	104847	61.49	140.78	2.2
810211	114123	60.22	140.87	2.0
810211	115702	60.24	140.80	1.6
810212	233432	59.29	138.92	3.8
810213	010302	60.31	141.10	3.8
810213	132523	60.02	136.93	1.5
810214	021458	58.94	134.91	2.1
810214	120645	58.35	138.27	2.2
810214	201334	60.53	140.55	1.9
810215	075319	59.39	137.60	1.7
810215	114144	60.49	141.19	1.9
810216	154641	59.13	138.17	2.1
810217	122836	60.07	140.03	1.8
810217	124957	60.05	139.96	2.1
810218	123815	59.08	136.64	2.1
810219	164242	59.51	137.27	2.4
810227	060007	58.99	136.72	2.5
810302	180920	60.51	141.29	2.2
810303	014311	60.15	141.14	1.9
810304	224339	60.11	141.10	1.8
810304	225319	60.19	140.98	1.9
810305	111939	58.54	143.31	4.1
810305	154851	60.48	141.40	2.0
810309	145717	59.90	139.38	2.3
810310	151853	60.76	140.42	2.2
810313	063812	60.19	140.36	2.3
810316	111753	60.24	141.06	2.0
810317	062201	59.70	139.15	1.8
810317	102904	58.94	136.24	3.4
810320	174710	59.16	136.99	3.3
810320	200738	59.20	137.03	2.4
810321	100544	61.69	142.12	2.8
810323	043530	59.54	136.21	2.7
810323	091906	58.78	137.35	3.0
810324	013730	61.64	138.83	2.1
810326	095156	60.29	140.80	2.7
810328	045205	60.21	141.73	2.0
810328	082336	60.20	141.00	2.2
810330	065310	60.30	140.68	2.1
810331	044824	61.90	141.86	3.0
810331	045416	61.86	141.85	1.9
810331	050815	61.89	141.89	3.0
810331	062603	61.83	141.93	2.5
810331	074342	61.87	141.83	1.7
810331	150131	61.60	140.94	1.7