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**Third-Order Regional Magnetic Surveys
in Eastern Australia, 1968 and 1969**



by

J. van der Linden

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**THIRD-ORDER REGIONAL MAGNETIC SURVEYS IN EASTERN AUSTRALIA,
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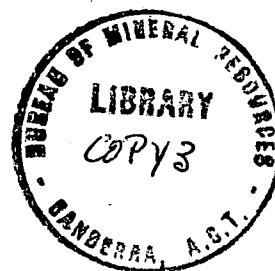
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SUMMARY

During 1968 and 1969 the third-order regional magnetic survey of Australia, commenced in 1967, was continued in eastern Australia. Results from 1967 to 1969 surveys updated to epoch 1970.0 are given in tabulated form, and isomagnetic maps for 1970.0 are presented for survey area F. This area comprises about one-third of eastern Australia.

1. INTRODUCTION

This report describes the results of third-order regional magnetic surveys made by the Bureau of Mineral Resources, Geology & Geophysics (BMR) during 1968 and 1969; BMR definitions of regional magnetic stations are given in the Appendix.

The surveys were a continuation of the third-order magnetic survey of Australia commenced in 1967 (van der Linden, 1970). Mainland Australia has been divided for the purpose of these surveys into 9 areas, labelled alphabetically (see location diagram on Plate 1). During 1967 most of the Queensland portion of area F was surveyed. In 1968 the survey of area F and about the northern half of area J were completed. In 1969, area J was completed with the exception of the part in South Australia. The station locations are shown in Plates 1 and 2.

The results are presented, together with the 1967 results, in tabular form (Table 1), up-dated to the epoch 1970.0. Also presented are isomagnetic contour maps, for Area F, of the geomagnetic components: declination (D), inclination (I), horizontal intensity (H), east intensity (X), north intensity (Y), vertical intensity (Z), and total intensity (F). Many observations were made in survey area J, but isomagnetic maps for this area will not be presented until it has been fully surveyed.

2. ACCOUNT OF SURVEYS

Third-order survey 1968

This survey was made by the author from 1 September to 5 December 1968. Five hundred and seven stations were occupied in southern Queensland and New South Wales. These were along road traverses about 16 kilometres apart.

Third-order survey 1969

This survey was also made by the author from 28 January to 18 April 1969. Four hundred and ninety eight stations were occupied in the southern part of New South Wales and in Victoria, at the same station interval as in 1968.

For both surveys the same Holden station sedan was used as for the 1967 survey. This vehicle was specially equipped to cope with outback driving conditions. Some of the many modifications were: "bull bars", long-range petrol tank, steel shield for underneath protection, quartz iodine driving lights, and strengthened and raised suspension.

Survey techniques

Declination (D) was measured by taking magnetic bearings of the sun with a Wild TO compass theodolite. Given the exact time of such observations from radio time signals and the exact geographical position from the 1:250,000 map sheets, the true bearing of the sun (and thus D) can be determined.

H and F were measured by using respectively a QHM and an Elsec proton precession magnetometer.

At each station two series of observations were made; if these agreed the survey party continued on to the next station. The survey techniques are more fully described in the 1967 report (van der Linden, 1970).

Instruments

The following table shows the instruments used and their corrections.

Instruments	Correction to BMR Standard	
	1968.....	1969
QHM 306	-54 gammas/gauss	-54 gammas/gauss
Wild TO Theodolite 104407	-33 minute	(not used)
Wild TO Theodolite 93794	(not used)	+33 minutes
Elsec 271/592	zero	zero
Askania Declinometer 320	zero	zero

Instrument corrections were derived from comparisons with standard instruments from Toolangi Magnetic Observatory.

3. REDUCTIONS AND RESULTS

The computer programme used for obtaining the results of the 1967 survey was modified to include corrections for secular variation. This makes the results of surveys made at different epochs compatible and enables mapping to the same epoch (1970.0 in this case).

The rates of secular variation of D, H, and F for the period 1965 to 1970 were derived from the results of the 1968 and 1969 first-order surveys (Finlayson, 1971a, 1971b). The values of I, X, Y, and Z were derived from the up-dated values of D, H, and F. All results (1967-1969) were up-dated to epoch 1970.0 and are given in Table 1.

Maps for Area F showing isomagnetic lines of the components D, I, H, X, Y, Z, and F are shown in Plates 3 to 9. In some areas local magnetic disturbances gave problems in the drawing of isomagnetic lines. The distance between stations of 16 kilometres or more is generally too large to determine whether anomalies are related. Therefore only large-scale anomalies were indicated. In most cases the lines were drawn by taking running means of three or four stations, and eliminating stations with obvious local disturbance.

4. REFERENCES

- FINLAYSON, D.M. 1971a - First-order regional magnetic survey of eastern Australia, 1968. Bur. Miner. Resour. Aust. Rec. 1971/24 (unpubl.).
- FINLAYSON, D.M. 1971b - First-order regional magnetic survey of northern and western Australia, 1969. Bur. Miner. Resour. Aust. Rec. 1971/25 (unpubl.).
- VAN DER LINDEN, J., 1970 - Third-order regional magnetic survey, Queensland, 1967. Bur. Miner. Resour. Aust. Rec. 1970/56 (unpubl.).

APPENDIX

CLASSIFICATION OF REGIONAL MAGNETIC STATIONS

First-order station

A first-order station is a place at which the geomagnetic field has been observed (or recorded with 'absolute' control) more or less continuously for two or three days, with an accuracy of 5 gammas or better in the absence of magnetic storms, and which is sufficiently well marked and located that re-occupation within three to five years will be possible.

Second-order station

A second-order station is a place at which the field has been observed several times during one day with an accuracy of 5 gammas and which is marked so that re-occupation may be possible in the future.

Third-order station

A third-order station is one at which the field, or one of its components, has been observed once with an accuracy of about 20 gammas (or the equivalent angle) and which is located only by a map.

THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F 670001	-28 2.8	152 56.6	0.65	-58.25	28690	28690	330	-46390	94940	90
F 670002	-28 10.5	152 54.0	10.40	-58.40	28700	28230	5180	-46630	94790	90
F 670003	-28 16.7	152 47.6	10.40	-58.40	28580	28090	5250	-46430	94520	180
F 670004	-28 24.9	152 38.6	11.25	-58.50	28590	28040	5980	-46890	94750	370
F 670005	-28 23.6	152 25.5	10.55	-58.80	28450	27960	5220	-46940	94680	490
F 670006	-28 20.8	152 17.6	10.20	-58.60	28420	27970	5050	-46810	94590	490
F 670007	-28 17.9	152 7.4	10.40	-58.55	28470	27990	5240	-46570	94590	370
F 670008	-28 11.6	151 57.1	10.35	-58.40	28590	28120	5140	-46490	94570	450
F 670009	-28 10.6	151 47.9	10.30	-58.35	28640	28170	5120	-46490	94610	450
F 670010	-28 12.0	151 36.2	10.50	-58.40	28670	28190	5230	-46640	94750	460
F 670011	-28 17.5	151 29.5	10.45	-58.45	28550	28080	5170	-46510	94580	500
F 670012	-28 22.4	151 20.5	10.15	-58.70	28480	28030	5010	-46820	94800	340
F 670013	-28 24.5	151 10.0	10.35	-58.75	28470	28010	5110	-46920	94880	310
F 670014	-28 26.7	150 59.3	10.30	-58.95	28340	27880	5070	-47870	94950	270
F 670015	-28 32.5	150 51.5	10.50	-58.90	28390	27910	5180	-47100	94990	240
F 670016	-28 33.0	150 43.5	10.45	-59.00	28310	27840	5130	-47890	94950	250
F 670017	-28 30.0	150 35.5	10.65	-58.90	28320	27830	5240	-47000	94870	230
F 670018	-28 30.0	150 24.7	10.65	-58.95	28360	27880	5240	-47110	94990	220
F 670019	-28 30.8	150 12.3	10.45	-59.25	28300	27830	5140	-47560	95350	210
F 670020	-28 28.8	150 2.7	10.25	-59.00	28380	27930	5050	-47270	95140	200
F 670021	-28 24.9	149 53.1	10.10	-59.25	28290	27850	4950	-47600	95370	200
F 670022	-28 26.6	149 44.2	10.10	-59.05	28490	28040	5010	-47470	95360	190
F 670023	-28 27.0	149 34.6	9.90	-59.25	28330	27910	4870	-47840	95430	190
F 670024	-28 24.4	149 24.4	9.75	-59.25	28310	27900	4790	-47600	95380	180
F 670025	-28 24.5	149 15.4	9.60	-59.20	28310	27910	4720	-47530	95320	230
F 670026	-28 22.8	149 5.8	9.65	-59.15	28320	27900	4840	-47430	95240	200
F 670027	-28 21.6	148 56.4	9.75	-59.20	28340	27930	4790	-47490	95300	200
F 670028	-28 17.0	148 47.3	9.35	-59.00	28420	28040	4610	-47340	95220	190
F 670029	-28 10.4	148 43.4	9.40	-58.90	28590	28210	4660	-47390	95350	200
F 670030	-28 2.7	148 35.7	8.95	-58.70	28600	28260	4460	-47080	95090	200
F 670031	-28 1.7	148 28.1	9.35	-58.75	28620	28240	4660	-47200	95200	200
F 670032	-27 58.1	148 17.9	9.35	-58.60	28690	28310	4660	-46980	95040	210
F 670033	-27 57.7	148 6.5	9.60	-58.70	28670	28270	4780	-47120	95160	210
F 670034	-27 58.9	147 56.0	9.35	-58.95	28520	28140	4630	-47830	95260	210
F 670035	-27 58.7	147 46.7	9.25	-58.80	28530	28160	4580	-47120	95090	210
F 670036	-28 0.8	147 36.8	9.20	-58.85	28490	28120	4560	-47150	95090	190
F 670037	-28 1.8	147 26.2	9.15	-58.95	28440	28070	4520	-47240	95140	190
F 670038	-28 0.1	147 15.8	9.30	-58.90	28470	28090	4600	-47260	95090	190
F 670039	-27 59.8	147 6.4	9.35	-58.90	28470	28090	4630	-47180	95110	190
F 670040	-27 59.1	146 56.1	9.35	-59.00	28430	28060	4610	-47290	95180	210
F 670041	-27 59.7	146 46.4	9.30	-59.10	28370	28000	4590	-47410	95250	190
F 670042	-27 59.8	146 36.4	9.05	-59.10	28380	28030	4460	-47410	95260	190
F 670043	-28 0.2	146 26.5	8.85	-59.10	28410	28070	4380	-47490	95340	180
F 670044	-28 0.1	146 16.7	8.95	-59.05	28490	28140	4420	-47530	95410	180
F 670045	-27 58.8	146 7.3	8.65	-59.00	28590	28280	4310	-47600	95530	190
F 670046	-28 1.8	145 57.7	8.50	-59.25	28360	28050	4190	-47660	95460	190
F 670047	-28 4.0	145 47.7	8.55	-59.25	28300	27980	4210	-47580	95360	190
F 670048	-28 4.8	145 37.8	8.50	-59.20	28390	28070	4200	-47660	95470	190
F 670049	-28 5.4	145 27.0	8.75	-59.30	28320	27990	4310	-47650	95430	170
F 670050	-28 4.5	145 17.5	8.55	-59.30	28330	28020	4210	-47710	95490	180
F 670051	-28 8.5	145 8.3	8.60	-59.35	28270	27950	4220	-47720	95460	160
F 670052	-28 9.8	144 58.6	8.50	-59.35	28260	27950	4190	-47730	95470	170
F 670053	-28 7.6	144 48.0	8.55	-59.30	28230	27920	4200	-47590	95330	160
F 670054	-28 7.8	144 38.0	8.40	-59.35	28250	27950	4140	-47730	95460	200
F 670055	-28 6.5	144 28.5	8.55	-59.35	28300	27990	4210	-47740	95490	190

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	BL METRES
F 670056	-28 51.8	144 19.0	8.55	-59.35	28280	27970	4210	-47760	55910	180
F 670057	-28 51.5	144 7.8	8.45	-59.40	28280	27970	4160	-47840	55970	160
F 670058	-28 51.8	144 0.4	8.40	-59.30	28320	28010	4130	-47710	55480	140
F 670059	-27 59.9	143 50.2	8.20	-59.35	28320	28030	4040	-47740	55510	120
F 670060	-27 59.9	143 40.9	8.10	-59.30	28360	28080	4000	-47730	55520	120
F 670061	-27 50.9	143 30.9	8.10	-59.15	28430	28150	3990	-47620	55460	100
F 670062	-27 46.4	143 22.4	8.05	-59.15	28430	28150	3990	-47590	55440	130
F 670063	-27 44.0	143 14.2	8.10	-59.10	28490	28170	4000	-47580	55440	150
F 670064	-27 37.1	143 7.6	8.10	-59.00	28550	28260	4010	-47480	55400	120
F 670065	-27 37.0	142 56.1	7.95	-59.00	28520	28290	3940	-47500	55400	110
F 670066	-27 22.7	142 35.0	7.20	-58.75	28670	28440	3600	-47240	55260	120
F 670067	-27 22.5	142 26.2	7.20	-58.80	28650	28430	3600	-47300	55300	120
F 670068	-27 20.5	142 16.5	7.25	-58.80	28660	28430	3630	-47340	55340	120
F 670069	-27 15.1	142 6.8	7.05	-58.75	28740	28520	3540	-47360	55400	110
F 670070	-27 8.2	142 1.7	7.15	-58.60	28790	28560	3580	-47130	55230	60
F 670071	-27 51.0	141 54.3	7.05	-58.45	28890	28670	3550	-47060	55220	80
F 670072	-26 37.7	144 5.5	7.45	-57.75	29170	28930	3780	-46220	54660	190
F 670073	-26 36.8	143 55.0	7.45	-57.75	29180	28930	3780	-46200	54650	210
F 670074	-26 27.0	143 46.3	7.05	-57.60	29260	29040	3600	-46070	54580	220
F 670075	-26 21.4	143 38.8	7.40	-57.50	29310	29060	3780	-46000	54540	190
F 670076	-26 14.5	143 32.5	7.20	-57.40	29360	29130	3690	-45910	54580	160
F 670077	-26 5.9	143 26.5	7.30	-57.25	29430	29190	3740	-45740	54390	170
F 670078	-25 57.5	143 26.7	7.30	-57.05	29510	29270	3740	-45570	54290	170
F 670079	-25 47.5	143 22.3	7.30	-56.90	29600	29360	3760	-45390	54190	180
F 670080	-25 41.8	143 15.3	7.30	-56.75	29680	29440	3770	-45280	54140	160
F 670081	-25 38.8	143 5.5	7.25	-56.75	29710	29470	3740	-45800	54170	150
F 670082	-25 33.8	142 56.4	7.20	-56.65	29780	29540	3740	-45220	54140	130
F 670083	-25 27.5	142 48.8	7.15	-56.55	29830	29600	3720	-45120	54090	130
F 670084	-25 24.8	142 39.9	7.15	-56.50	29880	29620	3710	-45100	54090	140
F 670085	-25 21.7	142 30.7	7.35	-56.65	29680	29430	3800	-45060	53960	140
F 670086	-25 20.4	142 21.2	6.95	-56.75	29570	29360	3580	-45100	53930	130
F 670087	-25 20.4	142 11.7	6.80	-56.75	29580	29370	3500	-45110	53940	130
F 670088	-25 21.5	142 2.4	6.80	-56.90	29410	29200	3490	-45140	53880	140
F 670089	-25 22.2	141 52.7	6.75	-56.90	29440	29240	3450	-45150	53900	170
F 670090	-25 22.8	141 41.1	6.25	-56.90	29480	29280	3200	-45150	53910	130
F 670091	-25 23.0	141 31.4	6.55	-56.95	29430	29230	3360	-45220	53980	140
F 670092	-25 19.0	141 24.4	6.60	-56.80	29490	29290	3380	-45100	53880	100
F 670093	-25 9.5	141 18.4	6.55	-56.70	29550	29360	3370	-44990	53830	100
F 670094	-25 9.0	141 8.5	6.60	-56.70	29570	29370	3410	-44980	53830	110
F 670095	-25 13.3	141 0.0	6.65	-56.70	29600	29400	3420	-45070	53920	90
F 670096	-25 21.0	140 57.5	6.70	-56.90	29480	29280	3430	-45260	54010	80
F 670097	-25 20.0	140 52.7	6.65	-57.05	29400	29200	3410	-45390	54070	80
F 670098	-25 34.4	140 47.4	6.65	-57.20	29380	29180	3410	-45600	54250	70
F 670099	-25 41.8	140 42.8	6.50	-57.15	29470	29280	3340	-45680	54360	70
F 670100	-25 43.5	140 32.5	6.45	-57.20	29480	29270	3310	-45710	54380	60
F 670101	-25 43.5	140 21.2	6.40	-57.20	29460	29280	3300	-45740	54410	60
F 670102	-25 39.7	140 11.8	6.30	-57.15	29490	29320	3230	-45700	54390	60
F 670103	-25 39.9	140 1.8	6.25	-57.15	29490	29320	3220	-45710	54400	60
F 670104	-25 44.4	139 53.8	6.25	-57.25	29450	29280	3210	-45810	54460	60
F 670105	-25 40.5	139 44.8	6.40	-57.30	29440	29250	3280	-45900	54530	50
F 670106	-25 47.7	139 35.0	6.20	-57.35	29400	29230	3180	-45890	54500	70
F 670107	-25 52.7	139 21.0	6.30	-57.45	29380	29180	3210	-46000	54570	50
F 670108	-25 43.8	139 19.9	6.30	-57.35	29430	29250	3230	-45900	54520	100
F 670109	-25 31.8	139 24.1	6.40	-57.10	29590	29410	3290	-45740	54480	80
F 670110	-25 24.8	139 27.2	6.30	-56.80	29740	29560	3250	-45470	54330	80
F 670111	-25 15.7	139 32.6	6.10	-56.65	29790	29620	3170	-45250	54170	80

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

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STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F 670112	-25 04.0	139 35.8	6.10	-54.45	29840	29670	3160	-49820	94010	100
F 670113	-24 58.8	139 39.8	6.15	-54.35	29840	29670	3200	-44810	93830	100
F 670114	-24 49.8	139 36.7	6.10	-54.25	29870	29700	3170	-44670	93740	80
F 670115	-24 43.0	139 31.7	6.35	-54.15	29890	29710	3300	-44970	93670	80
F 670116	-24 32.8	139 32.7	6.05	-54.00	30020	29860	3160	-44490	93670	90
F 670117	-24 23.9	139 28.9	6.30	-55.85	29960	29780	3280	-44350	93390	90
F 670118	-24 14.0	139 27.8	6.05	-55.95	29990	29820	3160	-44400	93580	100
F 670119	-24 7.1	139 33.6	9.30	-55.90	30310	30180	2800	-44110	93520	100
F 670120	-23 58.8	139 33.7	5.25	-55.40	30270	30150	2760	-43900	93330	100
F 670121	-23 48.9	139 33.7	6.30	-55.05	30520	30380	3340	-43890	93290	110
F 670122	-23 40.8	139 38.1	6.10	-54.95	30500	30320	3240	-43470	93180	110
F 670123	-23 32.7	139 40.7	6.00	-54.85	30570	30400	3190	-43880	93070	110
F 670124	-23 23.0	139 40.4	5.75	-54.85	30520	30370	3060	-43840	93010	120
F 670125	-23 14.8	139 42.7	6.75	-54.35	30990	30770	3650	-43200	93170	130
F 670126	-23 5.0	139 46.1	6.60	-54.00	31010	30800	3550	-42890	92730	140
F 670127	-22 58.8	139 52.6	6.40	-53.70	31100	30910	3470	-42850	92540	150
F 670128	-22 50.0	139 43.2	6.25	-53.90	30960	30770	3360	-42420	92520	140
F 670129	-22 55.8	139 33.0	6.35	-54.20	30940	30750	3430	-42880	92880	150
F 670130	-22 59.4	139 23.9	5.65	-54.25	30760	30610	3020	-42720	92640	130
F 670131	-23 2.0	139 14.9	5.75	-54.20	30890	30690	3080	-42790	92750	130
F 670132	-23 0.1	139 4.0	5.75	-54.15	30890	30690	3000	-42660	92690	130
F 670133	-22 50.8	138 57.9	6.05	-54.05	31000	30820	3270	-42730	92790	140
F 670134	-22 54.7	138 48.0	6.05	-54.00	30970	30790	3260	-42630	92690	140
F 670135	-22 44.7	138 48.3	6.00	-53.90	31030	30860	3250	-42920	92690	140
F 670136	-22 38.8	138 49.2	5.65	-53.80	31130	30980	3070	-42240	92490	160
F 670137	-22 27.8	138 51.1	5.65	-53.45	31230	31080	3060	-42110	92430	150
F 670138	-22 18.9	138 46.7	6.00	-53.10	31450	31280	3300	-41930	92410	160
F 670139	-22 10.9	138 43.3	5.95	-52.95	31360	31190	3250	-41970	92070	160
F 670140	-22 5.4	138 37.6	6.10	-53.10	31200	31020	3320	-41920	91930	170
F 670141	-21 52.4	138 37.7	6.40	-52.95	31530	31340	3510	-41770	92340	170
F 670142	-21 44.8	138 36.2	5.95	-52.45	31650	31480	3280	-41190	91940	170
F 670143	-21 42.1	138 24.0	5.30	-52.50	31900	31770	2950	-41540	92380	170
F 670144	-21 35.9	138 18.0	5.30	-52.25	31680	31550	2930	-40940	91770	180
F 670145	-21 25.8	138 18.0	5.20	-52.45	31390	31260	2860	-40860	91530	180
F 670146	-21 14.9	138 19.0	5.25	-52.45	31640	31500	2890	-41130	91690	190
F 670147	-21 4.7	138 22.7	5.70	-51.75	32090	31940	3170	-40730	91660	180
F 670148	-20 55.4	138 24.8	5.70	-51.95	32130	31970	3180	-40470	91670	210
F 670149	-20 42.8	138 26.9	5.70	-51.35	32230	32070	3200	-40260	91970	240
F 670150	-20 34.9	138 27.3	5.80	-51.05	32290	32130	3270	-39830	91350	250
F 670151	-20 26.8	138 24.0	5.65	-50.90	32310	32150	3190	-39760	91230	250
F 670152	-20 19.0	138 18.1	5.55	-50.80	32330	32180	3130	-39660	91170	220
F 670153	-20 11.8	138 13.2	5.40	-50.70	32390	32250	3050	-39560	91130	240
F 670154	-20 4.8	138 8.0	5.20	-50.55	32460	32340	2950	-39460	91110	240
C 670155	-19 55.9	138 18.0	5.00	-50.50	32610	32480	2850	-39970	91270	290
C 670156	-19 58.0	138 27.7	5.55	-50.50	32490	32330	3150	-39380	91050	340
F 670157	-20 1.7	138 38.9	5.75	-50.30	32540	32370	3260	-39370	90920	330
F 670158	-20 5.8	138 46.8	5.60	-50.35	32420	32260	3180	-39100	90790	320
F 670159	-20 11.6	138 53.7	5.65	-50.40	32440	32280	3200	-39190	90870	310
F 670160	-20 19.8	139 1.0	5.65	-50.20	32460	32310	3180	-38870	90720	340
F 670161	-20 21.8	139 10.9	5.40	-50.60	32070	31930	3010	-39830	90510	370
F 670162	-20 24.0	139 19.8	4.90	-50.55	32170	32060	2740	-39310	90640	410
F 670163	-20 29.9	139 25.9	4.95	-51.15	32140	32020	2760	-39910	91240	500
F 670164	-20 37.4	139 28.8	5.80	-50.85	32250	32090	3260	-39630	91100	350
F 670165	-20 43.8	139 33.9	6.45	-50.85	32180	31980	3630	-39930	90980	410
F 670166	-20 42.8	139 42.9	5.90	-50.65	32220	32070	3090	-39280	90800	400
F 670167	-20 49.7	139 51.2	5.60	-51.15	31960	31810	3130	-39670	90950	400

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STATION AREA	YR	NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F	670168		-28 48.8	140 0.2	3.55	-50.95	32340	32280	2010	-39630	91310	340
F	670169		-28 46.3	140 9.7	5.70	-51.15	32630	32470	3250	-40500	92010	290
F	670170		-28 42.9	140 18.2	4.90	-50.85	32260	32140	2770	-39640	91110	280
F	670171		-28 42.0	140 28.1	6.35	-50.95	32670	32670	3640	-39940	91730	190
F	670172		-28 46.9	140 37.3	5.85	-51.45	32520	32350	3320	-40620	92190	210
F	670173		-28 39.9	140 45.8	6.85	-52.55	32290	32060	3850	-42130	93080	160
F	670174		-28 34.7	140 55.3	6.25	-50.90	32200	32010	3500	-39640	91080	150
F	670175		-28 39.0	141 4.6	6.30	-50.75	32200	32010	3540	-39390	90880	120
F	670176		-28 37.4	141 14.5	5.90	-50.75	32340	32170	3330	-39610	91140	130
F	670177		-28 39.4	141 25.1	6.25	-50.80	32210	32020	3510	-39510	90980	120
F	670178		-28 39.7	141 34.9	6.30	-50.90	32210	32010	3540	-39610	91050	130
F	670179		-28 39.0	141 43.8	6.45	-50.70	32330	32130	3630	-39510	91050	130
F	670180		-28 39.8	141 53.2	6.20	-50.60	32310	32120	3500	-39370	90930	130
F	670181		-28 39.1	142 3.2	6.00	-50.60	32240	32070	3380	-39270	90820	140
F	670182		-28 39.2	142 13.0	6.50	-50.70	32250	32050	3440	-39440	90950	140
F	670183		-28 40.3	142 22.0	6.20	-50.85	32140	31950	3480	-39460	90890	150
F	670184		-28 41.0	142 31.4	6.25	-50.85	32180	31990	3500	-39510	90960	160
F	670185		-28 46.6	142 40.7	6.40	-51.00	32040	31830	3580	-39580	90920	170
F	670186		-28 44.2	142 51.3	6.10	-50.80	32200	32020	3420	-39480	90940	190
F	670187		-28 44.0	143 1.7	5.95	-50.85	32360	32180	3370	-39480	91050	210
F	670188		-28 46.0	143 10.4	6.25	-50.80	32280	32090	3520	-39580	91070	220
F	670189		-28 49.2	143 19.7	6.50	-50.90	32260	32050	3660	-39690	91140	230
F	670190		-28 51.1	143 28.5	6.65	-51.00	32190	31970	3720	-39720	91120	230
F	670191		-28 52.1	143 37.4	6.55	-50.95	32230	32020	3680	-39760	91180	240
F	670192		-28 52.0	143 47.5	6.80	-50.95	32220	31990	3820	-39700	91120	240
F	670193		-28 52.0	143 56.4	6.70	-50.85	32240	32020	3760	-39570	91040	260
F	670194		-28 51.0	144 6.1	6.75	-50.85	32210	31990	3780	-39550	91010	320
F	670195		-28 52.9	144 14.6	6.65	-50.85	32150	31930	3740	-39520	90940	340
F	670196		-28 52.3	144 23.4	6.40	-50.75	32220	32020	3600	-39440	90930	380
F	670197		-28 52.6	144 32.5	6.80	-50.75	32220	31990	3810	-39490	90940	400
F	670198		-28 51.2	144 42.3	6.55	-50.80	32110	31900	3660	-39250	90790	430
F	670199		-28 54.8	144 51.1	6.75	-50.80	32210	31990	3790	-39470	90940	440
F	670200		-28 46.3	145 1.0	6.90	-50.70	32250	32010	3880	-39280	90900	470
F	670201		-28 47.0	145 14.9	6.95	-50.80	32290	32050	3910	-39340	90900	460
F	670202		-28 41.0	145 20.9	7.00	-50.45	32370	32120	3950	-39210	90840	460
F	670203		-28 4.6	146 23.8	7.00	-49.40	32760	32520	4000	-38250	90360	250
C	670204		-19 50.0	146 32.0	7.10	-48.65	33100	32840	4090	-37420	90110	290
C	670205		-19 51.1	146 39.8	7.25	-48.95	32800	32540	4150	-37460	49940	230
C	670206		-19 48.0	146 48.7	7.30	-49.00	32880	32610	4180	-37800	90100	110
C	670207		-19 40.4	146 50.1	7.65	-50.10	32290	31980	4420	-38630	90350	80
C	670208		-19 32.9	146 59.5	6.90	-48.75	32800	32570	3950	-37390	49740	40
C	670209		-19 32.9	147 7.2	7.20	-51.10	31220	30980	3920	-38680	49710	0
C	670210		-19 34.5	147 17.8	7.50	-48.70	32800	32520	4280	-37820	49680	10
C	670211		-19 40.0	147 25.3	7.90	-48.45	32930	32650	4290	-37380	49650	10
C	670212		-19 45.7	147 33.3	7.60	-48.90	32720	32430	4330	-37500	49770	10
C	670213		-19 52.9	147 42.0	7.75	-48.75	32980	32680	4450	-37590	90010	10
C	670214		-19 55.9	147 51.1	7.80	-48.65	33310	33010	4510	-37850	90420	10
C	670215		-19 58.1	148 0.0	8.00	-49.45	32450	32140	4520	-37940	49920	10
F	670216		-28 1.0	148 9.6	7.15	-48.85	32640	32390	4060	-37860	49610	10
F	670217		-28 7.5	148 15.5	8.00	-48.90	33180	32850	4630	-38820	90460	20
F	670218		-28 12.0	148 23.7	8.20	-49.45	32460	32130	4630	-37550	49940	120
F	670219		-28 17.9	148 30.9	7.95	-49.30	32590	32280	4490	-37890	49980	30
F	670220		-28 26.7	148 35.3	7.65	-49.40	32530	32240	4340	-37820	49960	10
F	670221		-28 35.7	148 37.1	7.85	-49.60	32480	32170	4430	-38270	90120	10
F	670222		-28 49.8	148 36.4	8.65	-50.40	32360	32000	4860	-39100	90750	60
F	670223		-28 59.0	148 42.2	7.25	-49.90	32580	32280	4440	-38670	90570	40

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STATION AREA	YR	NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	H	X	Y	Z	F	EL METRES
F	670224		-20 57.0	148 49.1	9.15	-51.25	32060	31930	2890	-89930	51210	20
F	670225		-21 3.8	148 55.3	8.05	-50.20	32190	31880	4900	-88640	50290	40
F	670226		-21 5.5	149 4.0	7.80	-50.90	32030	31740	4330	-89410	50780	30
F	670227		-21 13.8	149 9.2	7.80	-50.35	32300	32000	4380	-88960	50610	10
F	670228		-21 21.5	149 11.8	8.10	-50.95	32280	31950	4590	-89790	51240	20
F	670229		-21 30.5	149 13.9	8.50	-50.90	32210	31860	4760	-89610	51050	20
F	670230		-21 38.5	149 17.3	8.45	-51.15	32160	31830	4740	-89840	51290	40
F	670231		-21 46.7	149 22.3	8.55	-51.90	31990	31630	4780	-90210	51380	30
F	670232		-21 55.1	149 24.8	8.45	-51.65	31690	31348	4650	-90070	51090	20
F	670233		-22 2.6	149 29.2	8.35	-51.80	31630	31300	4600	-90200	51150	20
F	670234		-22 11.5	149 29.8	8.05	-51.75	31770	31480	4450	-90320	51330	20
F	670235		-22 19.4	149 29.7	8.45	-51.95	31720	31370	4670	-90520	51460	10
F	670236		-22 29.5	149 29.9	8.60	-52.20	31720	31360	4760	-90910	51760	30
F	670237		-22 36.7	149 32.3	8.70	-52.40	31470	31110	4770	-90880	51600	30
F	670238		-22 42.6	149 39.4	8.50	-52.40	31410	31060	4640	-90800	51490	50
F	670239		-22 47.8	149 48.4	8.10	-52.30	31520	31210	4440	-90750	51520	60
F	670240		-22 49.8	149 57.7	7.60	-52.10	31650	31380	4180	-90650	51520	100
F	670241		-22 55.1	150 5.9	8.25	-53.30	30580	30270	4400	-91010	51160	80
F	670242		-22 59.8	150 14.2	7.65	-52.05	31650	31370	4200	-90560	51450	80
F	670243		-23 2.7	150 19.3	8.80	-52.55	31070	30710	4750	-90580	51110	20
F	670244		-23 11.8	150 27.7	8.85	-52.40	31490	31110	4840	-90860	51590	60
F	670245		-23 19.5	150 31.0	9.10	-52.70	31300	30910	4940	-91100	51670	30
F	670246		-23 30.7	150 32.8	9.60	-53.05	31250	30820	5210	-91540	51980	20
F	670247		-23 39.1	150 38.2	9.45	-53.20	31410	30980	5160	-91990	52440	10
F	670248		-23 42.8	150 47.3	9.25	-53.10	31250	30840	5030	-91620	52050	10
F	670249		-23 47.8	150 55.2	9.05	-53.30	31140	30750	4890	-91760	52090	30
F	670250		-23 53.5	151 1.4	9.25	-53.20	31230	30830	5010	-91720	52110	40
F	670251		-23 57.9	151 9.2	8.90	-53.50	30810	30430	4780	-91650	51810	20
F	670252		-24 0.8	151 19.5	9.20	-53.25	30000	29610	4800	-93240	52630	10
F	670253		-24 7.3	151 27.4	9.15	-53.75	30760	30370	4880	-91870	52030	30
F	670254		-24 17.3	151 30.8	8.90	-53.85	30740	30370	4760	-92100	52130	50
F	670255		-24 27.5	151 35.1	9.15	-54.10	30620	30230	4870	-92260	52190	40
F	670256		-24 36.7	151 40.0	9.50	-54.25	30540	30120	5030	-92450	52290	60
F	670257		-24 46.5	151 42.0	9.25	-54.90	30250	29850	4850	-93820	52590	60
F	670258		-24 54.6	151 48.3	9.10	-55.20	30080	29710	4750	-93300	52730	70
F	670259		-24 59.0	151 56.9	9.60	-54.50	30370	29950	5080	-92570	52300	70
F	670260		-25 7.2	152 0.2	10.05	-55.15	30090	29630	5250	-93220	52660	40
F	670261		-25 12.8	152 8.7	9.35	-55.00	30180	29780	4910	-93870	52600	100
F	670262		-25 14.8	152 16.2	9.65	-55.15	30180	29760	5060	-93830	52810	90
F	670263		-25 17.5	152 24.8	9.60	-55.05	30280	29860	5040	-93850	52870	20
F	670264		-25 19.8	152 34.5	9.65	-55.10	30280	29850	5090	-93430	52940	20
F	670265		-25 28.6	152 39.7	9.80	-55.40	30140	29700	5130	-93670	53060	10
F	670266		-25 38.8	152 38.6	9.40	-56.05	29810	29420	4860	-94320	53410	60
F	670267		-25 47.0	152 36.8	9.90	-56.00	29870	29430	5130	-926270	427310	50
F	670268		-25 56.8	152 36.5	9.90	-56.40	29410	28980	5060	-94280	53160	70
F	670269		-26 3.6	152 35.4	10.50	-55.85	29770	29270	5430	-93890	53030	70
F	670270		-26 10.4	152 38.7	10.05	-55.90	29840	29390	5210	-94100	53250	80
F	670271		-26 17.5	152 42.7	9.75	-56.10	29740	29310	5040	-94240	53310	80
F	670272		-26 24.5	152 51.7	9.85	-56.25	29620	29180	5060	-94290	53280	140
F	670273		-26 31.0	152 57.1	10.15	-56.05	29750	29280	5240	-94410	53290	50
F	670274		-26 39.7	152 58.0	10.15	-56.55	29570	29110	5200	-94760	53650	30
F	670275		-26 48.6	152 58.0	10.00	-57.00	29270	28820	5080	-95840	53710	30
F	670276		-26 57.9	152 57.1	10.20	-56.85	29260	28800	5190	-94630	53940	50
F	670277		-27 7.0	152 56.8	10.15	-57.05	29270	28820	5140	-95200	53850	30
F	670278		-27 16.8	152 58.7	10.45	-57.15	29270	28780	5320	-95300	53940	30
F	670279		-27 36.1	152 52.3	11.00	-57.85	29180	28640	5560	-96420	54830	30

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STATION AREA	YR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F	670280		-27	34.9	192	40.0	10.60	-57.65	29000	26480	9440	-45770	94180	80
F	670281		-27	32.9	192	29.6	10.15	-57.75	28980	26530	9100	-45890	94270	80
F	670282		-27	32.7	192	19.7	10.40	-57.80	28910	26430	9220	-45910	94260	90
F	670283		-27	34.8	192	10.5	10.20	-57.80	28920	26460	9130	-45890	94240	120
F	670284		-27	34.3	192	0.6	10.20	-57.80	28860	26410	9100	-45820	94160	240
F	670285		-27	44.0	191	54.9	10.00	-58.05	28840	26410	9010	-46260	94520	900
F	670286		-27	52.8	191	57.0	10.10	-58.25	28630	26180	9030	-46240	94380	380
F	670287		-28	0.9	191	59.4	9.75	-58.35	29090	26670	4940	-47230	95470	470
F	670288		-28	24.6	190	17.0	10.50	-58.25	29080	26590	5300	-47030	95290	820
F	670289		-27	29.9	191	48.2	10.20	-57.95	29060	26600	5150	-45700	94160	460
F	670290		-27	24.7	191	40.3	10.20	-57.60	29030	26570	5150	-45730	94170	400
F	670291		-27	19.6	191	31.0	10.25	-57.60	29000	26540	5170	-45740	94160	370
F	670292		-27	13.8	191	21.0	10.10	-57.65	29020	26570	5090	-45770	94190	350
F	670293		-27	14.8	191	11.0	10.15	-57.90	29100	26640	5140	-45680	94160	340
F	670294		-27	10.6	191	2.1	10.10	-57.65	29050	26590	5100	-45830	94260	330
F	670295		-27	20.1	190	51.0	10.05	-57.75	28950	26500	5050	-45890	94220	370
F	670296		-27	24.0	190	44.2	10.25	-57.85	28900	26440	5130	-45970	94300	270
F	670297		-27	32.8	190	35.6	10.40	-58.05	28770	26300	5200	-46250	94380	330
F	670298		-27	38.5	190	27.5	10.45	-58.25	28700	26230	5210	-46860	94530	340
F	670299		-27	42.4	190	22.6	10.40	-58.35	28670	26200	5100	-46960	94680	300
F	670300		-27	54.5	190	20.0	10.45	-58.50	28580	26110	5180	-46860	94720	260
F	670301		-28	5.5	190	17.8	10.65	-58.75	28580	26090	5290	-47100	95100	260
F	670302		-28	14.8	190	16.0	10.75	-58.80	28600	26100	5330	-47240	95230	290
F	670303		-27	50.0	190	7.0	10.15	-58.40	28700	26290	5060	-46670	94790	260
F	670304		-27	55.8	149	59.0	9.95	-58.50	28690	26260	4960	-46820	94910	240
F	670305		-27	55.7	149	50.0	9.95	-58.55	28640	26210	4960	-46850	94910	240
F	670306		-27	54.8	149	38.8	9.95	-58.60	28650	26220	4950	-46960	95000	230
F	670307		-27	58.8	149	29.0	9.70	-58.65	28640	26230	4820	-47020	95050	220
F	670308		-27	59.3	149	16.6	9.55	-58.80	28480	26080	4730	-46980	94940	210
F	670309		-27	58.5	149	6.3	9.50	-58.70	28540	26150	4710	-46960	94950	200
F	670310		-27	58.0	148	56.4	9.45	-58.70	28610	26220	4700	-47030	95050	220
F	670311		-28	0.0	148	45.1	9.30	-58.60	28640	26290	4620	-46950	95010	210
F	670312		-27	51.9	148	29.8	9.75	-58.60	28590	26170	4640	-46840	94870	220
F	670313		-27	43.5	148	28.0	9.10	-58.50	28770	26410	4560	-46960	95080	230
F	670314		-27	35.4	148	24.7	9.15	-58.25	28890	26520	4600	-46650	94870	240
F	670315		-27	30.8	148	16.5	9.10	-58.15	28880	26520	4570	-46920	94750	250
F	670316		-27	26.2	148	8.0	9.20	-58.10	28900	26530	4620	-46430	94690	260
F	670317		-27	16.8	148	3.3	9.20	-57.95	28980	26610	4630	-46810	94630	270
F	670318		-27	8.8	148	2.6	9.00	-57.80	29070	26710	4540	-46170	94560	280
F	670319		-27	8.7	147	52.5	9.10	-57.85	29040	26680	4590	-46810	94580	290
F	670320		-27	11.0	147	43.5	8.85	-57.90	28990	26640	4460	-46810	94550	320
F	670321		-27	14.3	147	35.0	9.10	-57.95	28980	26620	4580	-46340	94650	230
F	670322		-27	20.2	147	27.0	9.10	-58.10	28900	26540	4560	-46390	94660	230
F	670323		-27	19.5	147	16.5	9.10	-58.10	28880	26510	4580	-46430	94670	230
F	670324		-27	17.5	147	7.0	9.15	-58.10	28890	26520	4600	-46460	94710	270
F	670325		-27	50.4	146	53.5	9.35	-58.85	28510	26130	4620	-47180	95128	180
F	670326		-27	41.8	146	51.4	9.30	-58.75	28650	26270	4630	-47240	95250	190
F	670327		-27	31.5	146	52.5	9.00	-58.35	28920	26570	4520	-46810	95110	210
F	670328		-27	24.4	146	54.4	9.05	-58.25	28910	26550	4540	-46680	94910	230
F	670329		-27	14.4	146	51.8	8.75	-58.00	29090	26710	4420	-46450	94780	240
F	670330		-27	7.5	146	46.6	8.85	-57.90	29030	26690	4480	-46810	94660	260
F	670331		-27	1.8	146	40.2	9.00	-57.95	28980	26620	4540	-46890	94610	310
F	670332		-28	52.5	146	35.5	8.95	-57.85	29080	26730	4510	-46270	94650	320
F	670333		-28	46.8	146	28.0	8.85	-57.65	29200	26850	4490	-46110	94570	320
F	670334		-28	35.8	146	28.5	8.95	-57.40	29370	27010	4580	-45940	94520	340
F	670335		-28	24.7	146	17.5	8.95	-57.35	29420	27090	4370	-45920	94540	310

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STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F 670336	-26 39.7	146 11.9	8.43	-57.55	29300	28980	4300	-46070	94590	290
F 670337	-26 44.9	146 7.9	8.39	-57.70	29190	28880	4290	-46190	94690	280
F 670338	-26 51.6	146 3.9	8.40	-57.85	29110	28790	4290	-46320	94710	260
F 670339	-26 59.8	145 59.3	8.50	-58.05	28990	28670	4280	-46460	94760	250
F 670340	-27 7.9	145 57.3	8.55	-58.20	28870	28590	4290	-46560	94780	240
F 670341	-27 16.1	145 58.3	8.60	-58.25	28850	28530	4320	-46650	94850	240
F 670342	-27 25.0	145 55.0	8.60	-58.40	28860	28530	4320	-46860	95040	220
F 670343	-27 33.0	145 52.1	8.65	-58.70	28660	28340	4310	-47120	95150	210
F 670344	-27 42.3	145 50.5	8.40	-58.85	28690	28340	4190	-47860	95350	200
F 670345	-27 49.1	145 43.8	8.30	-59.00	28500	28200	4120	-47460	95360	200
F 670346	-27 57.8	145 42.0	8.35	-59.15	28370	28070	4130	-47490	95320	190
F 670347	-28 1.0	145 5.0	8.35	-59.20	28360	28060	4120	-47410	95420	160
F 670348	-27 53.6	145 7.8	8.55	-59.05	28500	28180	4250	-47480	95380	160
F 670349	-27 45.2	145 7.3	8.45	-58.90	28550	28240	4200	-47300	95250	180
F 670350	-27 36.0	145 9.5	8.40	-58.65	28660	28360	4180	-47040	95090	200
F 670351	-27 28.2	145 12.9	8.35	-58.55	28710	28400	4170	-46920	95000	190
F 670352	-27 19.9	145 9.0	8.35	-58.40	28760	28460	4170	-46760	94900	190
F 670353	-27 10.8	145 5.9	8.30	-58.25	28860	28560	4160	-46670	94860	200
F 670354	-27 2.8	145 6.9	8.35	-58.05	28960	28690	4200	-46470	94750	200
F 670355	-26 52.0	145 8.4	8.25	-57.95	29020	28710	4170	-46310	94650	230
F 670356	-26 49.2	144 59.5	8.30	-54.65	29050	28750	4200	-40920	90190	250
F 670357	-26 52.5	144 48.8	8.30	-58.00	28990	28690	4190	-46390	94700	250
F 670358	-26 52.9	144 39.8	8.15	-58.00	28990	28700	4110	-46420	94730	230
F 670359	-26 48.6	144 31.3	8.10	-57.95	29040	28750	4080	-46360	94700	210
F 670360	-26 43.4	144 23.3	8.10	-57.80	29110	28820	4090	-46290	94650	190
F 670361	-26 50.0	144 18.1	8.15	-57.95	29030	28740	4110	-46420	94750	170
F 670362	-26 59.5	144 21.9	8.15	-58.10	28980	28690	4110	-46530	94810	180
F 670363	-27 7.8	144 22.5	8.20	-58.25	28900	28600	4130	-46700	94920	170
F 670365	-27 21.6	144 13.0	8.10	-58.60	28740	28450	4060	-47080	95160	180
F 670366	-27 27.0	144 5.5	8.25	-58.65	28740	28440	4110	-47370	95230	160
F 670367	-27 35.7	144 4.0	8.25	-58.85	28620	28320	4090	-47850	95320	150
F 670368	-27 43.5	143 59.2	8.25	-58.95	28560	28260	4090	-47460	95390	150
F 670369	-27 49.7	143 50.3	8.25	-58.95	28590	28290	4090	-47460	95410	140
F 670370	-27 41.6	143 41.6	8.00	-58.95	28570	28290	3980	-47420	95360	170
F 670371	-27 17.5	142 43.7	7.90	-58.70	28680	28410	3950	-47350	95180	120
F 670372	-27 6.5	142 50.4	8.10	-58.80	28600	28320	4030	-47240	95220	130
F 670373	-27 0.6	142 57.2	7.80	-58.35	28870	28610	3920	-46800	94990	140
F 670374	-26 51.8	142 56.3	7.75	-58.15	28970	28700	3910	-46650	94910	150
F 670375	-26 39.7	143 39.1	7.45	-58.15	28880	28630	3760	-46660	94710	170
F 670376	-26 34.1	143 30.0	7.40	-57.85	29110	28860	3760	-46350	94730	160
F 670377	-26 34.0	143 19.8	7.25	-57.90	29100	28870	3670	-46860	94730	150
F 670378	-26 43.7	143 8.8	7.20	-57.95	29060	28840	3630	-46450	94790	160
F 670379	-26 40.1	142 48.8	7.05	-58.10	28990	28770	3570	-46590	94880	160
F 670380	-26 40.0	142 38.8	7.15	-58.10	29000	28770	3610	-46610	94890	160
F 670381	-26 40.0	142 32.6	7.15	-58.00	29050	28830	3620	-46490	94830	160
F 670382	-26 36.0	142 24.4	7.15	-57.95	29090	28860	3610	-46450	94810	150
F 670383	-26 30.0	142 16.0	7.15	-57.85	29150	28920	3630	-46380	94750	150
F 670384	-26 21.0	142 16.9	7.15	-57.65	29250	29020	3640	-46170	94660	150
F 670385	-26 16.2	142 17.5	7.05	-57.45	29360	29140	3600	-46020	94580	150
F 670386	-26 4.0	142 20.6	7.10	-57.35	29390	29160	3630	-45860	94470	150
F 670387	-25 56.5	142 22.2	6.90	-57.20	29450	29240	3530	-45860	94330	170
F 670388	-25 57.2	142 32.2	7.10	-57.20	29440	29210	3640	-45890	94390	150
F 670389	-25 54.5	142 43.2	7.05	-57.15	29460	29240	3610	-45860	94340	150
F 670390	-26 19.0	146 5.7	7.95	-57.20	29470	29180	4080	-45690	94370	210
F 670391	-26 12.7	145 57.3	8.00	-57.05	29500	29220	4100	-45490	94220	210

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	YR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F	670392		-26	54.6	145	47.2	8.20	-57.00	29510	29200	4200	-45490	54190	320
F	670393		-26	54.6	145	37.9	8.10	-57.05	29500	29210	4150	-45490	54220	320
F	670394		-26	54.0	145	27.9	8.05	-57.00	29490	29200	4140	-45450	54180	340
F	670395		-26	0.8	145	17.0	7.85	-57.00	29520	29250	4030	-45500	54230	350
F	670396		-26	0.1	145	6.2	7.80	-57.05	29500	29230	3990	-45550	54260	350
F	670397		-25	59.1	144	57.3	7.40	-57.10	29450	29210	3800	-45540	54240	310
F	670398		-25	57.7	144	46.2	7.40	-57.00	29500	29240	3900	-45420	54160	270
F	670399		-25	54.6	144	34.0	7.50	-56.90	29560	29310	3870	-45530	54120	240
F	670400		-25	50.0	144	25.5	7.55	-57.00	29520	29260	3880	-45420	54170	230
F	670401		-26	4.6	144	18.5	7.65	-57.10	29460	29200	3920	-45550	54250	220
F	670402		-26	14.0	144	19.0	7.70	-57.30	29370	29110	3940	-45740	54360	210
F	670403		-26	24.0	144	18.5	7.70	-57.45	29310	29040	3930	-45900	54460	210
F	670404		-26	30.6	144	17.6	7.70	-57.60	29230	28970	3910	-46050	54550	200
F	670405		-26	15.7	145	31.2	8.20	-57.20	29450	29140	4200	-45700	54360	330
F	670406		-26	25.0	145	29.9	8.05	-57.50	29290	29000	4110	-45940	54480	330
F	670407		-26	34.5	145	30.3	7.90	-57.70	29140	28860	4010	-46070	54510	320
F	670408		-26	41.1	145	24.4	7.80	-57.75	29050	28780	3950	-46040	54440	270
F	670409		-26	48.4	145	20.9	7.95	-57.80	29050	28770	4010	-46150	54540	240
F	670410		-26	46.5	145	30.3	7.90	-57.80	29020	28740	3990	-46090	54460	300
F	670411		-26	42.4	145	39.9	7.95	-57.80	29080	28800	4020	-46200	54590	300
F	670412		-26	38.0	145	48.5	8.10	-57.65	29220	28930	4120	-46100	54580	300
F	670413		-26	34.8	145	57.5	8.10	-57.50	29260	28970	4120	-45930	54460	310
F	670414		-26	25.2	146	27.3	8.70	-57.25	29430	29090	4440	-45740	54380	370
F	670415		-26	24.9	146	38.4	8.60	-57.05	29490	29160	4400	-45510	54230	400
F	670416		-26	24.5	146	49.5	8.55	-57.10	29450	29130	4370	-45490	54190	380
F	670417		-26	25.0	146	59.7	8.65	-57.05	29450	29120	4420	-45460	54170	380
F	670418		-26	30.8	147	7.7	8.65	-57.20	29410	29080	4430	-45620	54280	460
F	670419		-26	40.4	147	9.8	8.60	-57.30	29320	28990	4360	-45690	54290	410
F	670420		-26	49.1	147	7.4	8.35	-57.65	29160	28850	4240	-46050	54500	360
F	670421		-26	57.0	147	1.3	8.55	-57.65	29170	28840	4340	-46090	54540	340
F	670422		-27	8.2	146	58.3	8.65	-58.40	28790	28460	4330	-46750	54910	270
F	670423		-27	50.9	148	43.8	9.35	-58.60	28720	28330	4670	-47020	55090	240
F	670424		-27	41.0	148	45.5	8.85	-58.30	28780	28440	4430	-46560	54730	210
F	670425		-27	31.4	148	48.9	8.85	-57.90	29010	28660	4480	-46280	54620	230
F	670426		-27	24.3	148	52.5	8.60	-57.95	28930	28610	4320	-46180	54490	240
F	670427		-27	15.1	148	57.1	8.30	-57.80	28940	28680	4190	-46060	54420	250
F	670428		-27	9.6	149	4.3	8.70	-57.75	29100	28760	4410	-46160	54560	250
F	670429		-27	12.0	149	13.8	8.90	-57.75	29110	28760	4490	-46130	54540	270
F	670430		-27	12.0	149	23.8	9.10	-57.75	29060	28690	4590	-46100	54490	290
F	670431		-27	15.2	149	34.2	9.00	-57.90	29030	28670	4530	-46240	54600	290
F	670432		-27	17.0	149	45.2	9.30	-57.80	29060	28680	4700	-46180	54560	290
F	670433		-27	21.0	149	52.5	9.35	-57.90	29010	28620	4720	-46260	54600	280
F	670434		-27	28.3	149	46.6	9.40	-58.05	28890	28500	4720	-46160	54630	290
F	670435		-27	30.8	149	45.5	9.60	-58.15	28860	28460	4810	-46490	54720	290
F	670436		-27	45.9	149	39.2	9.80	-58.35	28820	28400	4900	-46740	54910	260
F	670437		-27	23.5	151	59.7	10.05	-57.35	29280	28830	5110	-45710	54280	580
F	670438		-27	19.6	152	3.1	9.85	-57.30	29140	28710	4980	-45410	53950	570
F	670439		-27	8.7	151	57.0	9.75	-57.10	29250	28830	4940	-45220	53860	470
F	670440		-27	5.4	151	49.0	9.80	-57.05	29350	28920	5010	-45300	53980	500
F	670441		-26	54.6	151	49.9	9.10	-57.15	29380	28990	4650	-45510	54160	610
F	670442		-26	50.5	151	58.8	9.15	-56.95	29140	28770	4630	-44800	53440	460
F	670443		-26	41.4	151	59.8	9.45	-56.80	29380	28980	4820	-44920	53680	380
F	670444		-26	31.7	152	0.6	9.60	-56.45	29660	29250	4950	-44740	53680	340
F	670445		-26	22.8	152	3.0	9.90	-56.25	29620	29180	5090	-44860	53340	320
F	670446		-26	14.0	152	4.8	10.15	-56.50	29630	29170	5210	-44730	53660	310
F	670447		-26	0.6	152	13.3	9.45	-56.00	29760	29360	4880	-44100	53210	190

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STATION AREA	VR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	H	K	V	Z	F	EL METRES
F	670448		-26	4.0	192	23.8	9.45	-56.20	29800	29390	4880	-44490	93990	100
F	670449		-26	14.2	191	94.9	9.80	-56.10	29720	29290	5050	-44250	93310	310
F	670450		-26	24.2	191	47.0	9.70	-56.39	29490	29070	4960	-44260	93180	400
F	670451		-26	24.3	191	37.9	9.60	-56.30	29640	29220	4950	-44470	93440	430
F	670452		-26	21.2	191	27.2	9.45	-56.35	29600	29200	4850	-44480	93430	390
F	670453		-26	24.0	191	17.9	9.60	-56.50	29570	29150	4930	-44630	93540	360
F	670454		-26	28.9	191	9.0	10.00	-56.55	29530	29100	5140	-44700	93590	370
F	670455		-26	37.0	191	5.6	9.75	-56.60	29730	29300	5050	-45060	93980	370
F	670456		-26	40.7	190	55.3	10.00	-57.25	29220	28770	5060	-45390	93980	340
F	670457		-26	41.7	190	44.3	9.25	-57.20	29260	28880	4690	-45410	94020	310
F	670458		-26	54.0	190	47.5	9.75	-57.15	29290	28870	4960	-45340	93980	320
F	670459		-26	59.8	190	55.2	10.10	-57.05	29380	28930	5140	-45340	94030	320
F	670460		-27	3.0	190	46.2	9.95	-57.45	29140	28700	5030	-45620	94130	330
F	670461		-27	9.0	190	39.9	10.15	-57.60	29080	28620	5130	-45820	94270	340
F	670462		-27	14.8	190	31.3	9.95	-57.65	29090	28650	5040	-45960	94390	320
F	670463		-27	19.9	190	19.7	9.60	-57.65	29160	28750	4850	-46010	94470	310
F	670464		-27	19.0	190	8.3	9.55	-57.70	29100	28700	4820	-46080	94500	280
F	670465		-27	14.0	149	56.8	9.35	-57.75	29090	28700	4730	-46110	94520	280
F	670466		-27	3.0	190	0.0	9.35	-57.50	29240	28850	4760	-45860	94390	280
F	670467		-26	9.4	190	8.1	9.45	-57.35	29260	28890	4810	-45880	94260	280
F	670468		-26	49.0	190	9.9	9.40	-57.15	29370	28980	4800	-45900	94160	300
F	670469		-26	40.4	190	11.2	9.30	-57.05	29370	28990	4740	-45830	94010	300
F	670470		-26	38.8	190	0.8	9.40	-57.10	29320	28920	4800	-45810	93970	330
F	670471		-26	38.8	149	50.9	9.35	-57.05	29410	29020	4790	-45400	94100	350
F	670472		-26	34.8	149	40.0	9.25	-57.25	29320	28940	4710	-45590	94210	330
F	670473		-26	37.8	149	28.8	8.95	-57.10	29410	29050	4580	-45490	94170	320
F	670474		-26	38.0	149	18.2	8.85	-57.15	29380	29020	4530	-45530	94180	320
F	670475		-26	35.3	149	8.2	8.65	-57.00	29410	29080	4410	-45290	94000	320
F	670476		-26	35.3	148	58.0	8.95	-56.95	29490	29140	4580	-45300	94060	310
F	670477		-26	44.0	148	54.0	8.85	-57.05	29520	29170	4550	-45550	94280	280
F	670478		-26	52.2	148	58.9	8.85	-57.35	29360	29010	4510	-45890	94450	260
F	670479		-26	59.0	149	4.9	8.65	-57.35	29140	28810	4390	-45820	94310	250
F	670480		-27	14.0	148	45.9	8.85	-57.85	28930	28580	4460	-46050	94380	240
F	670481		-27	19.1	148	34.9	8.95	-57.85	28980	28630	4510	-46130	94470	260
F	670482		-27	12.9	148	23.8	9.05	-57.90	28980	28620	4550	-46160	94500	280
F	670483		-27	9.1	148	14.7	9.00	-57.95	28880	28530	4510	-46310	94410	340
F	670484		-27	0.0	148	4.2	8.85	-57.85	29160	28810	4490	-46010	94470	290
F	670485		-26	51.0	148	2.3	8.85	-57.45	29250	28910	4500	-45840	94380	310
F	670486		-26	41.9	148	0.6	8.80	-57.25	29330	28980	4480	-45620	94230	320
F	670487		-26	32.8	147	59.7	8.75	-57.10	29410	29070	4470	-45470	94160	340
F	670488		-26	29.8	147	51.0	8.65	-57.05	29410	29080	4430	-45400	94100	370
F	670489		-26	28.7	147	41.3	8.65	-57.05	29440	29110	4430	-45420	94130	420
F	670490		-26	26.7	147	32.0	8.70	-57.10	29420	29080	4460	-45470	94160	430
F	670491		-26	26.0	147	22.0	8.35	-57.20	29390	29080	4270	-45620	94270	440
F	670492		-26	24.7	147	12.9	8.40	-57.35	29410	29090	4310	-45400	94090	430
F	670493		-26	18.1	146	59.6	8.55	-57.00	29460	29130	4370	-45530	94060	400
F	670494		-26	8.0	146	54.0	8.45	-56.85	29510	29190	4350	-45220	93990	400
F	670495		-26	2.0	146	46.0	8.40	-56.75	29580	29260	4320	-45330	93950	430
F	670496		-25	56.4	146	39.1	8.40	-56.65	29610	29290	4320	-45610	93880	350
F	670497		-25	48.9	146	35.2	8.50	-56.50	29690	29370	4380	-44940	93780	390
F	670498		-25	57.8	146	28.5	8.55	-56.80	29630	29300	4410	-45230	94070	350
F	670499		-26	9.4	146	25.1	8.60	-56.90	29590	29250	4420	-45370	94160	340
F	670500		-26	14.4	146	19.4	8.35	-57.05	29520	29210	4280	-45550	94280	320
F	670501		-25	58.0	145	36.9	8.05	-57.00	29480	29190	4120	-45380	94110	320
F	670502		-25	49.9	145	34.1	8.10	-56.75	29650	29360	4190	-45200	94060	330
F	670503		-25	40.0	145	38.3	8.00	-56.55	29770	29480	4140	-45080	94020	340

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	BL METRES
F 670504	-25 20.0	145 44.8	8.00	-56.20	29930	29640	4160	-44700	53790	340
F 670505	-25 20.0	145 43.9	8.00	-56.09	29980	29690	4170	-44920	53670	380
F 670506	-25 14.2	145 46.9	8.05	-55.90	30040	29750	4210	-44350	53570	400
F 670507	-25 3.1	145 50.9	7.95	-55.80	30070	29780	4170	-44240	53490	380
F 670508	-24 50.4	145 59.0	8.00	-55.50	30270	29980	4220	-44020	53430	420
F 670509	-24 51.4	146 10.3	8.05	-55.40	30280	29980	4230	-43870	53300	420
F 670510	-24 43.4	146 11.0	7.90	-55.25	30310	30020	4170	-43890	53180	410
F 670511	-24 31.2	145 51.0	7.90	-55.15	30340	30050	4170	-43580	53100	350
F 670512	-24 30.5	145 44.9	7.90	-55.10	30360	30070	4170	-43530	53070	340
F 670513	-24 28.0	145 34.3	7.85	-55.05	30430	30140	4160	-43500	53080	310
F 670514	-24 24.3	145 23.5	7.85	-55.00	30450	30170	4160	-43490	53090	270
F 670515	-24 14.0	145 19.8	7.80	-54.90	30470	30190	4130	-43830	52980	270
F 670516	-24 5.6	145 19.0	7.70	-54.65	30620	30340	4120	-43150	52910	280
F 670517	-23 51.4	145 20.7	7.65	-54.50	30700	30430	4100	-43010	52840	280
F 670518	-23 41.2	145 18.4	7.55	-54.25	30790	30520	4050	-42800	52720	280
F 670519	-23 30.1	145 17.0	7.50	-54.00	30910	30650	4030	-42550	52590	270
F 670520	-23 34.0	145 27.3	6.85	-53.90	30990	30770	3700	-42520	52610	280
F 670521	-23 34.4	145 37.1	7.40	-54.00	30990	30730	4000	-42630	52710	300
F 670522	-23 33.0	145 47.2	7.65	-53.95	30940	30670	4110	-42500	52570	300
F 670523	-23 34.0	145 57.0	7.70	-54.05	30790	30510	4130	-42430	52430	350
F 670524	-23 30.1	146 7.0	7.65	-54.10	30790	30510	4100	-42560	52530	350
F 670525	-23 31.4	146 16.2	7.75	-54.10	30800	30520	4150	-42570	52550	430
F 670526	-23 30.0	146 25.5	8.05	-54.15	30760	30460	4300	-42590	52530	390
F 670527	-23 30.0	146 35.4	8.10	-54.05	30850	30540	4360	-42560	52560	380
F 670528	-23 47.0	146 33.2	8.15	-54.25	30770	30460	4370	-42720	52650	370
F 670529	-23 51.0	146 34.5	8.10	-54.40	30630	30330	4310	-42790	52630	460
F 670530	-24 01.6	146 37.8	7.90	-54.55	30630	30340	4210	-43020	52610	440
F 670531	-24 13.0	146 30.4	8.10	-54.75	30440	30140	4280	-43100	52760	490
F 670532	-24 18.3	146 21.5	8.05	-54.85	30390	30090	4270	-43190	52810	490
F 670533	-24 21.2	146 21.2	8.15	-54.95	30430	30090	4310	-43870	52960	460
F 670534	-24 35.5	146 22.3	8.20	-55.10	30320	30010	4330	-43450	52980	450
F 670535	-24 44.3	146 18.9	8.10	-55.25	30310	30010	4270	-43660	53150	450
F 670536	-24 53.0	146 20.0	8.15	-55.40	30280	29970	4280	-43910	53340	430
F 670537	-25 35.3	146 30.5	8.55	-56.35	29820	29480	4430	-44820	53830	410
F 670538	-25 25.0	146 31.7	8.45	-56.10	29940	29620	4390	-44580	53700	420
F 670539	-25 20.3	146 30.5	8.40	-56.05	30010	29690	4370	-44550	53710	420
F 670540	-25 11.5	146 29.7	8.30	-55.80	30120	29800	4350	-44280	53550	430
F 670541	-25 3.3	146 26.3	8.10	-55.60	30230	29920	4270	-44170	53520	460
F 670542	-24 55.2	146 30.0	8.25	-55.40	30270	29960	4340	-43900	53330	480
F 670543	-24 53.0	146 39.4	8.20	-55.40	30270	29960	4330	-43920	53340	510
F 670544	-24 45.0	146 49.0	8.35	-55.30	30290	29970	4390	-43790	53250	540
F 670545	-24 44.0	146 58.7	8.25	-55.15	30320	30000	4350	-43510	53030	500
F 670546	-24 34.7	147 4.3	8.25	-55.10	30230	29920	4340	-43800	52810	380
F 670547	-24 21.0	147 9.6	8.20	-55.00	30330	30020	4330	-43440	52890	340
F 670548	-24 25.2	147 18.6	8.40	-55.00	30400	30070	4430	-43390	52960	320
F 670549	-24 15.0	147 27.6	8.60	-54.70	30530	30190	4560	-43090	52810	300
F 670550	-24 15.0	147 37.0	8.60	-54.60	30580	30240	4570	-43030	52790	270
F 670551	-24 10.7	147 45.0	8.65	-54.40	30660	30320	4600	-42810	52650	260
F 670552	-24 0.2	147 54.2	8.45	-54.25	30680	30350	4500	-42590	52490	310
F 670553	-24 7.0	148 4.3	8.00	-54.60	30490	30190	4250	-42530	52660	330
F 670554	-23 50.0	148 7.2	8.65	-54.20	30750	30400	4620	-42620	52550	240
F 670555	-23 45.1	148 7.6	8.70	-53.90	30860	30500	4660	-42290	52350	240
F 670556	-23 40.5	148 9.9	8.60	-53.70	30860	30520	4610	-42030	52150	210
F 670557	-23 31.0	148 9.8	8.60	-53.90	30750	30400	4590	-42180	52200	180
F 670558	-23 34.8	148 19.8	8.55	-53.70	30760	30420	4570	-41840	51930	180
F 670559	-23 30.4	148 30.0	8.40	-53.65	30820	30490	4510	-41890	51970	170

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STATION AREA	YR	NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METERS
F	670560		-23 39.0	148 40.1	8.45	-53.75	30780	30490	4920	-41960	92040	210
F	670561		-23 39.1	148 50.8	8.35	-53.95	30780	30490	4470	-42260	92280	190
F	670562		-23 39.1	149 0.8	8.70	-53.75	30930	30570	4690	-42150	92280	200
F	670563		-23 39.8	149 12.9	8.75	-53.40	31140	30780	4730	-41960	92260	140
F	670564		-23 27.9	149 16.3	8.90	-53.25	31170	30800	4830	-41770	92120	130
F	670565		-23 19.8	149 20.6	8.85	-53.05	31240	30870	4810	-41500	91940	110
F	670566		-23 12.8	149 19.6	8.85	-52.85	31320	30950	4810	-41340	91860	190
F	670567		-23 4.0	149 20.6	8.70	-52.70	31220	30860	4720	-41000	91530	120
F	670568		-22 56.9	149 26.1	8.40	-52.75	31220	30880	4970	-41050	91570	120
F	670569		-22 48.8	149 23.0	8.65	-52.75	31150	30800	4670	-40940	91440	140
F	670570		-22 41.4	149 17.0	8.30	-52.65	31290	30960	4520	-40990	91570	130
F	670571		-22 34.0	149 12.8	8.25	-52.30	31470	31150	4920	-40730	91470	180
F	670572		-22 24.4	149 7.3	8.20	-52.00	31560	31240	4910	-40420	91280	170
F	670573		-22 14.2	149 13.8	8.05	-52.00	31540	31230	4430	-40390	91240	160
F	670574		-22 6.9	149 0.7	8.15	-51.75	31660	31340	4480	-40150	91130	160
F	670575		-21 57.8	148 56.8	8.10	-51.90	31510	31190	4450	-40150	91040	200
F	670576		-21 38.1	149 2.4	8.15	-50.95	31550	31530	4910	-39250	90550	200
F	670577		-21 46.2	148 56.1	8.20	-51.25	31590	31560	4950	-39740	90950	190
F	670578		-21 47.0	148 45.6	8.30	-51.35	31760	31440	4990	-39710	90860	180
F	670579		-21 38.2	148 41.7	8.20	-51.20	31900	31570	4960	-39670	90900	220
F	670580		-21 32.8	148 31.1	8.25	-50.95	32010	31670	4600	-39460	90810	270
F	670581		-21 34.3	148 22.0	8.20	-51.05	32070	31740	4970	-39690	91030	200
F	670582		-21 33.9	148 11.9	8.20	-51.05	32060	31730	4960	-39630	90970	330
F	670583		-21 31.2	148 1.5	8.00	-51.10	32010	31700	4460	-39440	90950	350
F	670584		-21 32.8	147 51.2	7.90	-51.10	31990	31690	4390	-39680	90970	330
F	670585		-21 29.0	147 42.6	8.00	-51.00	31990	31680	4460	-39500	90830	260
F	670586		-21 31.3	147 32.2	7.95	-51.25	31900	31600	4400	-39740	90960	260
F	670587		-21 27.1	147 25.5	7.60	-51.20	31880	31600	4230	-39670	90890	250
F	670588		-21 20.8	147 19.0	7.55	-50.50	32430	32150	4270	-39260	91000	240
F	670589		-21 11.2	147 15.9	6.45	-50.70	32290	32080	3620	-39420	90960	260
F	670590		-21 5.2	147 17.3	7.60	-50.40	32280	32000	4280	-39010	90640	260
F	670591		-20 56.8	147 23.2	6.55	-50.85	31690	31480	3610	-38930	90200	280
F	670592		-20 47.3	147 22.0	7.60	-50.20	32360	32080	4290	-38850	90570	370
F	670593		-20 41.0	147 30.5	7.95	-50.10	32380	32070	4470	-38720	90480	180
F	670594		-20 32.9	147 32.9	8.45	-50.05	32380	32020	4770	-38650	90420	100
F	670595		-20 30.3	147 41.4	8.70	-50.20	32330	31960	4880	-38780	90490	110
F	670596		-20 32.9	147 50.5	7.85	-49.80	32330	32020	4410	-38270	90090	210
F	670597		-20 24.6	147 51.9	9.20	-49.60	32980	32550	5260	-38720	90860	280
F	670598		-20 18.0	147 55.7	8.00	-48.95	33150	32820	4630	-38030	90450	210
F	670599		-20 11.0	147 58.0	9.00	-48.75	33090	32690	5170	-37760	90210	110
F	670600		-20 7.1	148 5.6	7.70	-49.20	32540	32240	4370	-37680	49780	40
F	670601		-21 50.6	148 37.2	8.10	-51.25	31920	31600	4910	-39770	91000	190
F	670602		-21 51.7	148 27.5	8.20	-51.35	31970	31640	4950	-40000	91200	210
F	670603		-21 50.3	148 18.0	8.05	-51.75	31740	31430	4430	-40250	91260	250
F	670604		-22 0.6	148 9.3	7.95	-51.80	31760	31460	4380	-40370	91370	240
F	670605		-22 8.6	148 3.8	7.90	-52.00	31660	31360	4340	-40500	91410	250
F	670606		-22 16.2	147 58.6	7.60	-52.35	31300	31030	4140	-40550	91230	310
F	670607		-22 25.8	147 56.5	7.65	-52.45	31310	31020	4280	-40760	91400	380
F	670608		-22 34.6	147 49.7	8.10	-52.40	31460	31140	4440	-40880	91530	390
F	670609		-22 38.1	147 42.7	7.70	-52.35	31420	31140	4220	-40710	91430	290
F	670610		-22 46.3	147 37.4	7.90	-52.50	31530	31230	4340	-41070	91780	280
F	670611		-22 52.3	147 44.5	7.50	-53.30	31140	30870	4070	-41740	92070	250
F	670612		-22 59.6	147 50.7	8.20	-52.95	31290	30970	4470	-41480	91960	260
F	670613		-23 4.0	147 59.6	7.90	-52.95	31300	31000	4290	-41470	91950	240
F	670614		-23 11.7	148 3.5	7.70	-52.90	31460	31170	4230	-41620	92170	230
F	670615		-23 21.3	148 6.4	8.95	-53.55	31090	30710	4850	-42870	92310	210

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	YR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	N	V	Z	F	EL METRES
F	670616		-23	32.5	147	59.1	8.40	-54.00	30930	30600	4930	-42550	92600	250
F	670617		-23	33.0	147	48.7	8.65	-53.90	31130	30770	4690	-42700	92640	230
F	670618		-23	33.2	147	39.2	7.95	-53.65	31000	30700	4290	-42120	92300	290
F	670619		-23	40.5	147	30.8	7.90	-53.90	30890	30600	4250	-42330	92410	260
F	670620		-23	42.2	147	22.1	8.05	-53.85	30940	30640	4330	-42320	92430	310
F	670621		-23	39.0	147	11.5	8.05	-53.75	30990	30680	4350	-42260	92400	520
F	670622		-23	41.0	147	2.0	8.20	-53.95	30920	30600	4410	-42440	92510	410
F	670623		-23	39.2	146	53.0	8.05	-53.85	30990	30680	4350	-42440	92550	360
F	670624		-23	39.0	146	44.1	8.15	-54.05	30860	30550	4380	-42520	92540	370
F	670625		-23	28.5	146	38.1	8.20	-53.85	30970	30690	4420	-42390	92500	340
F	670626		-23	18.5	146	37.5	8.16	-53.80	31090	30780	4380	-42150	92380	320
F	670627		-23	8.5	146	40.4	7.75	-54.00	30840	30560	4160	-42430	92460	310
F	670628		-23	5.0	146	50.4	8.10	-53.30	31160	30850	4390	-41790	92130	290
F	670629		-23	27.7	146	59.1	8.05	-53.20	31140	30840	4360	-41610	91980	310
F	670630		-22	58.4	147	7.7	7.95	-53.10	31210	30910	4310	-41550	91970	320
F	670631		-22	51.0	147	14.7	8.25	-52.80	31690	31360	4940	-41760	92430	340
F	670632		-22	51.1	147	27.3	7.90	-52.65	31520	31220	4330	-41280	91940	370
F	670633		-22	35.7	147	31.9	7.95	-52.40	31490	31190	4350	-40880	91610	320
F	670634		-22	28.5	147	27.5	8.00	-52.30	31500	31190	4380	-40720	91480	290
F	670635		-22	23.2	147	19.5	8.10	-52.20	31540	31230	4450	-40660	91460	280
F	670636		-22	14.5	147	15.2	7.90	-52.10	31610	31310	4330	-40580	91440	250
F	670637		-22	0.2	147	10.1	8.00	-51.85	31840	31520	4440	-40500	91510	250
F	670638		-21	58.6	147	4.2	8.35	-51.80	31800	31460	4630	-40390	91410	230
F	670639		-21	50.8	147	1.5	8.20	-51.55	31960	31630	4550	-40250	91390	200
F	670640		-21	42.4	146	56.9	7.85	-50.80	32440	32140	4440	-39750	91310	240
F	670641		-21	34.7	146	54.1	7.50	-51.15	32090	31810	4190	-39830	91150	190
F	670642		-21	34.5	146	43.5	7.75	-51.20	32080	31790	4330	-39820	91210	220
F	670643		-21	44.7	146	43.2	7.80	-51.55	31990	31700	4330	-40270	91430	200
F	670644		-21	53.3	146	38.6	7.70	-51.85	31800	31510	4270	-40460	91460	210
F	670645		-22	0.0	146	45.1	7.80	-52.00	31700	31410	4310	-40570	91480	210
F	670646		-22	8.3	146	38.2	7.65	-52.10	31660	31380	4230	-40650	91520	220
F	670647		-22	12.4	146	32.1	7.80	-52.15	31620	31330	4280	-40710	91550	220
F	670648		-22	13.2	146	23.2	7.85	-52.20	31640	31340	4330	-40750	91590	240
F	670649		-22	20.0	146	15.7	7.85	-52.45	31570	31280	4310	-41050	91790	260
F	670650		-22	28.8	146	6.3	7.65	-52.65	31490	31210	4200	-41250	91900	300
F	670651		-22	40.4	146	3.7	7.65	-53.00	31290	31010	4170	-41510	91980	350
F	670652		-22	49.1	146	5.2	7.55	-53.20	31200	30930	4110	-41680	92060	370
F	670653		-22	57.6	146	7.4	7.55	-53.25	31140	30870	4100	-41700	92040	440
F	670654		-23	8.5	146	5.8	7.65	-53.45	31080	30800	4150	-41900	92170	420
F	670655		-23	17.7	146	5.1	7.40	-53.80	30990	30730	4000	-42870	92490	370
F	670656		-23	28.3	146	7.0	7.60	-53.90	30950	30680	4100	-42470	92550	370
F	670657		-23	32.5	145	6.2	7.40	-53.90	30980	30730	3980	-42480	92560	280
F	670658		-23	32.1	144	56.9	7.40	-53.90	30950	30690	3990	-42430	92510	260
F	670659		-23	31.4	144	46.6	7.45	-53.90	30950	30690	4000	-42440	92530	260
F	670660		-23	30.6	144	36.4	7.45	-53.95	30940	30680	4020	-42480	92550	250
F	670661		-23	28.7	144	27.3	7.30	-53.95	30940	30690	3940	-42500	92570	210
F	670662		-23	43.0	144	29.6	7.35	-54.20	30810	30560	3940	-42750	92700	250
F	670663		-23	52.5	144	28.3	7.30	-54.40	30810	30560	3930	-43060	92950	270
F	670664		-24	1.5	144	29.5	7.25	-54.75	30590	30350	3870	-43260	92980	230
F	670665		-24	11.5	144	28.5	7.40	-54.80	30570	30310	3940	-43370	93060	220
F	670666		-24	20.5	144	29.7	7.45	-54.95	30600	30350	3970	-43640	93300	210
F	670667		-24	30.8	144	27.6	7.50	-55.20	30440	30180	3980	-43830	93360	220
F	670668		-24	40.0	144	28.3	7.45	-55.40	30360	30100	3950	-44040	93490	260
F	670669		-24	38.0	144	37.8	7.60	-55.40	30370	30100	4000	-44020	93480	260
F	670670		-24	39.0	144	46.4	7.65	-55.35	30360	30090	4050	-43940	93410	280
F	670671		-24	33.0	144	55.6	7.70	-55.25	30410	30140	4080	-43880	93390	260

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STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	BL METRES
F 670672	-24 34.9	145 41.7	7.80	-55.20	30450	30170	4130	-43600	93350	250
F 670673	-24 29.3	145 14.2	8.20	-55.05	30500	30190	4360	-43660	93260	270
F 670674	-24 30.2	145 17.7	8.00	-55.35	30320	30020	4220	-43670	93330	270
F 670675	-24 40.7	145 17.2	8.00	-55.55	30200	29910	4210	-44030	93390	310
F 670676	-24 50.5	145 16.7	8.00	-55.75	30130	29830	4200	-44220	93500	300
F 670677	-25 01.4	145 14.5	7.85	-55.90	30050	29770	4110	-44370	93590	330
F 670678	-25 11.9	145 08.8	7.90	-56.00	30040	29750	4140	-44570	93740	300
F 670679	-25 25.8	145 11.7	7.80	-56.25	29980	29700	4070	-44900	93990	280
F 670680	-25 34.0	144 52.5	7.60	-56.45	29880	29620	3940	-45020	94030	270
F 670681	-25 39.0	144 38.0	7.70	-56.60	29710	29440	3970	-45060	93970	250
F 670682	-25 54.5	144 17.3	7.80	-56.85	29570	29300	4020	-45300	94100	230
F 670683	-25 49.5	144 01.5	7.75	-56.85	29580	29310	3990	-45300	94110	240
F 670684	-25 41.7	143 57.9	7.75	-56.80	29610	29340	4000	-45280	94100	240
F 670685	-25 41.3	143 44.2	7.65	-56.90	29580	29300	3940	-45320	94110	210
F 670686	-25 44.0	143 33.2	7.55	-56.85	29630	29370	3890	-45320	94150	190
F 670687	-25 15.0	142 39.6	7.40	-56.30	29920	29670	3850	-44880	93940	130
F 670688	-25 01.0	142 39.2	7.30	-56.15	29980	29740	3800	-44730	93890	150
F 670689	-25 01.2	142 47.3	7.25	-56.00	30080	29840	3790	-44580	93780	150
F 670690	-24 49.0	143 21.8	7.45	-55.80	30090	29840	3900	-44290	93590	150
F 670691	-24 43.4	143 12.1	7.35	-55.70	30200	29950	3850	-44250	93560	160
F 670692	-24 34.0	143 15.2	7.25	-55.45	30320	30070	3840	-44020	93490	150
F 670693	-24 25.0	143 17.0	7.25	-55.35	30340	30080	3830	-43890	93340	160
F 670694	-24 19.3	143 01.5	7.15	-55.15	30490	30250	3810	-43750	93320	160
F 670695	-24 10.2	143 01.2	7.15	-55.15	30470	30230	3810	-43730	93300	180
F 670696	-24 19.2	142 50.6	7.20	-55.20	30440	30200	3800	-43770	93320	180
F 670697	-24 19.0	142 41.3	7.15	-55.15	30440	30200	3790	-43700	93290	210
F 670698	-24 11.7	142 32.1	7.15	-55.00	30510	30280	3790	-43590	93210	210
F 670699	-24 11.3	142 23.7	6.65	-55.00	30520	30310	3520	-43550	93100	180
F 670700	-24 12.0	142 16.8	7.05	-55.10	30480	30250	3730	-43690	93270	170
F 670701	-24 20.0	142 10.0	7.10	-55.30	30370	30140	3760	-43850	93340	170
F 670702	-24 20.2	142 11.8	7.10	-55.45	30320	30090	3750	-44050	93480	170
F 670703	-24 32.0	141 53.7	6.90	-55.55	30270	30050	3630	-44120	93500	150
F 670704	-24 31.0	141 44.5	6.95	-55.65	30220	30000	3640	-44260	93590	140
F 670705	-24 39.0	141 36.5	6.85	-55.75	30190	29970	3600	-44360	93650	130
F 670706	-24 49.6	141 28.5	6.85	-55.95	30120	29910	3580	-44830	93760	120
F 670707	-24 31.5	141 25.0	6.85	-55.70	30240	30020	3620	-44810	93640	150
F 670708	-24 21.7	141 23.4	6.85	-55.50	30300	30080	3620	-44080	93490	150
F 670709	-24 10.7	141 15.4	6.85	-55.30	30350	30140	3610	-43800	93290	150
F 670710	-24 11.1	141 01.0	7.20	-55.10	30430	30190	3620	-43660	93220	100
F 670711	-24 11.1	141 10.0	7.05	-54.95	30430	30200	3750	-43860	92980	100
F 670712	-23 51.7	141 12.0	7.50	-54.85	30310	30070	3960	-43110	92710	100
F 670713	-23 42.0	141 01.7	7.75	-54.95	30340	30060	4090	-43260	92840	110
F 670714	-23 35.0	141 13.5	7.50	-54.80	30380	30130	3960	-43110	92740	100
F 670715	-23 34.6	141 23.9	6.75	-54.75	30480	30270	3590	-43150	92630	110
F 670716	-23 25.0	141 30.3	6.80	-54.90	30490	30270	3600	-43860	93010	110
F 670717	-23 11.5	141 37.7	7.40	-54.45	30780	30520	3970	-43030	92910	120
F 670718	-23 10.5	141 43.8	6.95	-54.05	31010	30760	3760	-42770	92820	120
F 670719	-23 21.4	141 47.3	7.30	-53.70	31120	30860	3960	-42860	92580	120
F 670720	-22 59.0	141 53.3	7.20	-53.80	30860	30620	3660	-42370	92250	130
F 670721	-22 49.0	142 01.7	7.00	-53.55	31080	30890	3790	-42040	92300	140
F 670722	-22 44.3	142 01.5	7.30	-53.55	30970	30720	3930	-41900	92110	140
F 670723	-22 39.1	142 15.0	7.45	-53.50	31170	30910	4040	-42110	92390	140
F 670724	-22 31.0	142 20.8	7.45	-53.20	31310	31050	4070	-41850	92270	150
F 670725	-22 24.0	142 23.7	7.20	-53.05	31480	31230	3930	-41620	92350	150
F 670726	-22 10.4	142 33.9	7.10	-53.05	31310	31070	3870	-41650	92110	160
F 670727	-22 19.0	142 43.2	7.45	-52.85	31300	31040	4050	-41830	91840	180

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	VR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F	670728		-22	21.8	142	53.6	7.10	-52.80	31380	31140	3890	-41340	51910	190
F	670729		-22	13.8	143	3.4	6.90	-52.60	31460	31230	3770	-41130	51780	210
F	670730		-22	9.0	143	7.7	6.85	-52.40	31510	31290	3760	-40920	51650	220
F	670731		-21	57.3	143	12.0	6.20	-52.30	31490	31300	3390	-40720	51480	240
F	670732		-21	49.8	143	16.7	6.95	-52.20	31480	31250	3800	-40590	51360	240
F	670733		-21	42.8	143	22.3	6.35	-52.10	31540	31340	3490	-40490	51320	260
F	670734		-21	39.9	143	29.0	6.10	-52.00	31670	31490	3350	-40510	51420	270
F	670735		-21	28.6	143	35.9	6.95	-51.85	31870	31640	3860	-40590	51610	320
F	670736		-21	20.7	143	42.8	7.05	-51.45	31940	31700	3910	-40110	51280	310
F	670737		-21	14.0	143	50.8	6.85	-51.30	31940	31710	3820	-39870	51090	290
F	670738		-21	6.5	143	58.2	7.00	-51.25	32060	31820	3920	-39930	51210	280
F	670739		-20	55.0	144	4.3	6.95	-50.90	32150	31920	3900	-40590	51000	290
F	670740		-20	52.9	143	4.2	6.40	-50.85	32360	32160	3610	-40730	51240	210
F	670741		-21	41.0	143	1.0	6.50	-51.15	32150	31940	3630	-40020	51260	200
F	670742		-21	11.3	142	54.8	6.35	-51.35	32080	31890	3540	-40140	51390	200
F	670743		-21	10.4	142	45.3	6.30	-51.25	32080	31890	3520	-40970	51250	180
F	670744		-21	9.6	142	36.1	6.40	-51.25	32080	31880	3580	-40000	51280	150
F	670745		-21	15.8	142	27.6	6.75	-51.30	32080	31850	3770	-40040	51320	150
F	670746		-21	24.0	142	19.9	6.65	-51.60	32080	31860	3710	-40470	51640	170
F	670747		-21	20.8	142	9.5	6.55	-51.70	32000	31790	3660	-40490	51610	200
F	670748		-21	21.8	142	2.1	6.50	-51.60	32020	31810	3630	-40890	51540	140
F	670749		-21	12.1	141	57.6	6.40	-51.45	32000	31800	3580	-40160	51350	150
F	670750		-21	3.9	141	54.2	6.50	-51.50	31950	31740	3620	-40130	51300	140
F	670751		-20	57.1	141	49.3	6.35	-51.40	32080	31880	3550	-40150	51390	140
F	670752		-20	45.0	141	44.4	6.30	-50.95	32340	32150	3550	-39870	51340	130
F	670753		-21	15.9	141	25.3	6.45	-51.50	31940	31740	3590	-40190	51340	200
F	670754		-21	24.0	141	34.6	6.25	-51.65	32000	31810	3490	-40480	51600	200
F	670755		-21	25.3	141	44.4	6.35	-51.80	31990	31790	3540	-40850	51730	220
F	670756		-21	34.8	141	52.9	6.60	-52.05	31830	31620	3660	-40790	51740	210
F	670757		-21	34.8	142	2.5	6.60	-52.05	31790	31580	3650	-40740	51670	210
F	670758		-21	40.8	142	12.4	6.70	-52.15	31680	31460	3680	-40790	51650	200
F	670759		-21	47.8	142	18.7	6.65	-52.20	31730	31510	3670	-40910	51770	190
F	670760		-21	54.9	142	23.4	6.80	-52.40	31430	31400	3760	-41050	51820	170
F	670761		-21	58.9	142	34.8	6.45	-52.35	31640	31430	3560	-41010	51790	180
F	670762		-21	55.9	142	43.3	6.70	-52.80	31530	31320	3670	-41510	52130	190
F	670763		-22	6.4	142	49.4	7.50	-52.85	31200	30930	4080	-41170	51660	180
F	670764		-22	14.6	142	53.6	7.20	-52.60	31390	31150	3940	-41880	51700	190
F	670765		-22	12.9	142	15.9	7.05	-52.65	31570	31330	3890	-41880	52050	190
F	670766		-22	13.9	142	5.0	6.55	-52.80	31670	31460	3610	-41690	52350	220
F	670767		-22	15.8	141	56.8	6.95	-52.50	31700	31460	3840	-41830	52080	190
F	670768		-22	10.1	141	46.9	6.60	-53.05	31370	31160	3600	-41720	52200	190
F	670769		-22	17.4	141	37.5	6.65	-52.90	31440	31230	3640	-41810	52150	220
F	670770		-22	24.0	141	28.4	6.95	-53.20	31460	31230	3800	-42040	52510	190
F	670771		-22	25.0	141	20.7	6.45	-53.40	31230	31030	3500	-42040	52370	180
F	670772		-22	35.6	141	13.5	9.40	-53.60	30880	30740	2900	-42220	52310	190
F	670773		-22	41.6	141	6.1	6.65	-53.50	31170	30960	3600	-42150	52420	200
F	670774		-22	44.3	140	56.1	7.00	-53.40	31300	31060	3820	-42170	52510	190
F	670775		-22	47.1	140	46.3	7.05	-53.90	31280	31050	3830	-42870	53070	170
F	670776		-22	48.9	140	35.8	6.80	-54.30	30830	30620	3660	-42940	52870	160
F	670777		-22	38.0	140	32.5	6.55	-54.60	30810	30610	3500	-43860	53190	170
F	670778		-22	25.8	140	37.4	6.85	-53.35	31360	31130	3730	-42170	52550	190
F	670779		-22	21.0	140	41.7	6.80	-53.40	31320	31100	3710	-42150	52520	190
F	670780		-22	14.0	140	48.8	7.05	-52.95	31530	31300	3880	-41750	52320	210
F	670781		-22	9.8	140	51.7	6.55	-52.60	31570	31370	3610	-41320	52010	220
F	670782		-21	58.8	140	54.1	6.40	-52.50	31640	31440	3530	-41210	51950	240
F	670783		-21	47.8	140	57.5	6.55	-52.85	31540	31340	3590	-41690	52250	270

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	YR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	X	Y	Z	F	SL METRES
F	670784		-21	31.0	141	0.7	6.55	-51.95	31840	31640	3640	-40710	91690	230
F	670785		-21	30.0	141	8.1	6.90	-51.85	31960	31730	3840	-40390	91910	200
F	670786		-21	22.6	141	13.3	6.75	-51.80	31700	31480	3720	-40290	91270	180
F	670787		-21	14.6	141	13.8	6.75	-51.80	31980	31760	3760	-40320	91460	170
F	670788		-21	8.3	141	6.2	6.15	-51.10	32300	32120	3450	-40870	91470	160
F	670789		-21	3.1	140	38.5	6.85	-51.10	32250	32020	3840	-39990	91370	200
F	670790		-20	56.2	140	53.2	6.65	-51.00	32350	32110	3740	-39900	91360	250
F	670791		-20	49.0	140	47.5	6.00	-50.85	32330	32150	3380	-39710	91210	250
F	670792		-20	52.0	140	22.2	7.10	-51.20	32300	32060	4000	-40190	91970	260
F	670793		-21	0.0	140	18.1	5.50	-51.50	31780	31640	3090	-39930	91030	260
F	670794		-21	9.0	140	15.3	5.55	-52.60	31670	31520	3070	-41400	92120	270
F	670795		-21	15.0	140	8.5	6.20	-52.50	31790	31600	3420	-41400	92200	300
F	670796		-21	20.0	140	1.7	5.95	-52.80	31130	30960	3220	-41030	91500	320
F	670797		-21	21.0	139	51.3	6.05	-52.10	31520	31350	3310	-40470	91300	360
F	670798		-21	30.3	139	44.5	6.40	-52.40	31130	30940	3460	-40410	91010	340
F	670799		-21	36.6	139	36.4	6.75	-52.00	31670	31450	3720	-40560	91460	340
F	670800		-21	42.6	139	29.7	7.20	-52.10	31690	31440	3980	-40740	91620	340
F	670801		-21	40.0	139	19.0	5.55	-52.40	31600	31450	3040	-41020	91780	320
F	670802		-21	38.5	139	11.0	5.95	-52.30	31650	31480	3280	-40910	91720	300
F	670803		-21	49.6	138	56.1	6.10	-52.55	31580	31400	3360	-41220	91930	240
F	670804		-21	29.0	139	10.4	5.80	-52.40	31500	31340	3190	-40920	91640	280
F	670805		-21	22.0	139	6.2	5.95	-52.25	31750	31580	3290	-40970	91840	270
F	670806		-21	0.5	139	15.0	5.35	-51.90	31820	31680	2970	-40540	91540	300
F	670807		-21	2.6	139	23.3	6.25	-51.75	31850	31660	3480	-40380	91420	330
F	670808		-20	52.6	139	26.8	5.65	-51.30	32220	32070	3160	-40200	91920	420
F	670809		-20	57.0	139	34.7	6.80	-51.15	32320	32090	3840	-40140	91530	440
F	670810		-21	3.0	139	36.9	6.60	-52.30	31910	31700	3670	-41260	92160	430
F	670811		-21	12.2	139	41.5	6.00	-51.50	31750	31580	3330	-39920	91000	400
F	670812		-21	52.6	139	35.0	6.45	-52.30	31620	31420	3550	-40900	91700	310
F	670813		-22	1.6	139	35.0	6.50	-52.50	31560	31380	3570	-41160	91870	260
F	670814		-22	12.2	139	39.1	6.30	-52.70	31540	31350	3450	-41400	92050	250
F	670815		-22	21.4	139	40.2	6.40	-53.00	31440	31240	3500	-41720	92240	250
F	670816		-22	30.0	139	40.6	6.50	-53.15	31360	31160	3560	-41860	92310	230
F	670817		-22	38.6	139	43.2	6.60	-53.35	31250	31050	3580	-42020	92370	200
F	670818		-22	47.6	139	48.0	6.30	-53.50	31150	30960	3430	-42120	92390	170
F	670819		-24	27.3	139	49.2	6.35	-55.80	30090	29900	3320	-44250	93510	120
F	670820		-24	29.2	140	0.3	6.50	-55.85	30070	29880	3410	-44350	93580	110
F	670821		-24	32.6	140	9.0	6.55	-55.90	30000	29800	3430	-44290	93490	110
F	670822		-24	43.2	140	23.8	6.50	-55.90	30110	29910	3420	-44460	93690	100
F	670823		-24	49.6	140	32.7	6.65	-56.05	30090	29880	3470	-44650	93840	80
F	670824		-24	40.5	140	34.3	6.45	-55.80	30160	29960	3400	-44400	93680	80
F	670825		-24	33.1	140	39.0	6.50	-55.85	30030	29840	3390	-44250	93480	80
F	670826		-24	26.8	140	46.9	6.50	-55.85	30170	29980	3410	-44170	93490	80
F	670827		-24	21.3	140	52.1	6.65	-55.50	30260	30050	3520	-44060	93450	90
F	670828		-24	15.0	140	56.0	6.70	-55.30	30350	30150	3540	-43840	93320	90
F	670829		-23	3.1	140	21.8	5.70	-53.85	30760	30610	3070	-42140	92170	140
F	670830		-23	9.3	140	30.6	4.65	-54.25	30570	30470	2470	-42480	92340	160
F	670831		-23	16.7	140	35.6	4.70	-55.00	30230	30130	2470	-43210	92730	140
F	670832		-23	25.6	140	36.6	5.00	-54.80	30620	30500	2680	-43870	93090	130
F	670833		-23	33.7	140	42.2	5.95	-54.90	30580	30410	3160	-43590	93170	130
F	670834		-23	39.6	140	50.5	6.75	-55.10	30440	30230	3590	-43640	93200	120
F	670835		-23	40.5	140	57.6	6.25	-55.85	30060	29890	3270	-43960	93260	110
F	670836		-22	34.0	142	56.2	7.15	-53.00	31300	31050	3910	-41590	92020	200
F	670837		-22	43.7	142	55.0	7.15	-53.20	31190	30940	3890	-41670	92050	200
F	670838		-22	51.4	142	50.0	7.10	-53.40	31130	30890	3850	-41950	92240	200
F	670839		-23	3.0	142	47.0	7.00	-53.85	31040	30810	3780	-42200	92390	230

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STATION AREA	VR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F	670840		-23	14.8	142	52.0	7.00	-53.80	30990	30760	3790	-42870	92500	220
F	670841		-23	21.8	142	59.0	7.05	-54.00	30950	30720	3790	-42580	92640	220
F	670842		-23	28.8	142	57.0	7.05	-54.20	30840	30610	3770	-42790	92740	210
F	670843		-23	34.1	143	6.1	7.05	-54.25	30820	30590	3780	-42810	92750	210
F	670844		-23	43.8	143	6.8	7.05	-54.35	30820	30590	3780	-42970	92890	190
F	670845		-23	54.8	143	8.7	7.10	-54.55	30710	30470	3790	-43170	92980	210
F	670846		-24	2.8	143	8.3	6.55	-54.85	30540	30340	3490	-43860	93030	160
F	670847		-24	10.7	143	21.1	7.25	-55.10	30500	30260	3850	-43880	93280	170
F	670848		-24	7.4	143	24.0	7.25	-54.90	30550	30310	3890	-43460	93130	180
F	670849		-23	58.2	143	29.0	7.25	-54.75	30620	30380	3890	-43800	93030	160
F	670850		-23	53.8	143	37.7	7.25	-54.60	30680	30430	3880	-43150	92940	160
F	670851		-23	48.9	143	46.0	7.30	-54.45	30720	30470	3890	-43030	92870	160
F	670852		-23	41.8	143	52.7	7.25	-54.30	30820	30570	3900	-42890	92810	170
F	670853		-23	33.1	143	58.3	7.35	-54.20	30830	30580	3940	-42740	92700	180
F	670854		-23	31.0	144	7.3	6.90	-54.05	30890	30670	3720	-42600	92620	190
F	670855		-23	24.0	144	12.4	7.25	-53.90	30940	30690	3900	-42420	92500	180
F	670856		-23	18.4	144	8.3	7.45	-53.80	30980	30720	4010	-42800	92430	240
F	670857		-23	8.7	144	0.8	7.45	-53.60	31070	30810	4040	-42180	92390	210
F	670858		-23	1.8	143	54.2	7.30	-53.45	31130	30870	3950	-42020	92300	240
F	670859		-22	54.4	143	47.6	7.25	-53.35	31180	30930	3930	-41920	92240	230
F	670860		-22	47.8	143	41.2	7.20	-53.20	31230	30980	3910	-41760	92150	230
F	670861		-22	40.8	143	33.0	7.10	-53.10	31270	31030	3870	-41640	92070	260
F	670862		-22	34.8	143	26.5	7.10	-52.95	31330	31090	3870	-41480	91980	230
F	670863		-22	28.7	143	19.1	7.10	-52.90	31340	31100	3870	-41460	91970	210
F	670864		-22	23.8	143	11.0	7.05	-52.85	31370	31130	3860	-41370	91920	190
F	670865		-23	19.5	144	22.4	7.40	-53.75	31010	30760	4010	-42810	92460	190
F	670866		-23	11.8	144	24.9	7.40	-53.80	31080	30820	4000	-42140	92360	210
F	670867		-22	58.8	144	36.3	7.40	-53.45	31110	30860	4000	-41980	92250	210
F	670868		-23	3.0	144	31.1	7.35	-53.25	31170	30910	4000	-41780	92120	220
F	670869		-22	47.0	144	37.2	7.35	-53.15	31180	30920	3990	-41600	91990	230
F	670870		-22	38.8	144	36.2	7.40	-53.00	31280	31020	4020	-41510	91980	220
F	670871		-22	31.4	144	30.8	6.85	-52.90	31300	31080	3730	-41360	91860	220
F	670872		-22	23.0	144	29.7	6.15	-52.80	31340	31160	3360	-41260	91810	220
F	670873		-22	14.8	144	32.3	7.00	-52.50	31480	31240	3830	-41060	91740	230
F	670874		-22	5.8	144	34.4	7.25	-52.55	31430	31180	3980	-41870	91720	260
F	670875		-21	57.4	144	39.5	7.25	-52.25	31670	31420	4010	-40830	91750	260
F	670876		-21	47.8	144	37.7	7.20	-51.90	31810	31560	3990	-40550	91540	280
F	670877		-21	37.9	144	37.1	7.15	-51.75	31830	31580	3960	-40350	91390	310
F	670878		-21	28.0	144	39.3	7.20	-51.60	31840	31590	3980	-40200	91280	320
F	670879		-21	17.1	144	38.1	7.25	-51.35	32030	31770	4040	-40030	91270	350
F	670880		-21	7.8	144	34.6	7.20	-51.00	32160	31910	4020	-39700	91090	380
F	670881		-27	1.7	153	27.0	6.75	-57.10	29260	29060	3430	-45810	93850	10
F	670882		-24	43.6	153	12.0	9.70	-54.20	30590	30150	9150	-42390	92270	10
F	670883		-24	7.0	152	42.8	10.40	-53.90	30590	30090	9510	-41960	91920	10
F	670884		-24	0.8	151	44.6	9.30	-53.95	30800	30400	4980	-42810	92340	10
F	670885		-23	52.8	151	22.9	9.10	-53.65	30810	30430	4860	-41850	91970	10
F	670886		-23	32.8	151	16.6	9.55	-53.30	30890	30460	9130	-41420	91670	10
F	670887		-23	24.6	150	58.9	9.30	-53.00	31150	30740	9030	-41310	91740	50
F	670888		-23	11.8	151	53.9	9.65	-52.70	31290	30850	9250	-41100	91660	10
F	670889		-21	57.8	150	42.2	8.80	-51.20	31920	31550	4880	-39730	90970	10
F	670890		-21	39.5	150	13.1	9.00	-51.05	31830	31440	4980	-39360	90820	10
F	670891		-21	31.8	150	15.0	8.75	-52.20	31790	31420	4820	-40880	91860	10
F	670892		-21	28.1	150	18.5	9.50	-50.95	32450	32000	9350	-39980	91490	10
F	670893		-21	0.9	149	53.8	8.40	-50.30	32400	32050	4750	-39850	90740	10
F	670894		-21	1.8	149	32.8	7.80	-50.45	32220	31920	4380	-39850	90820	10
F	670895		-28	24.1	148	55.8	8.10	-49.35	32500	32180	4570	-37860	49900	10

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STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F 670896	-20 35.8	149 7.0	8.00	-49.80	32180	31870	4470	-88870	49890	10
F 670897	-20 15.8	149 10.7	7.70	-49.90	32620	32330	4380	-88770	50670	10
F 670898	-20 3.7	148 57.0	9.05	-50.30	32330	31930	5090	-88830	50600	10
F 670899	-20 1.0	148 37.5	7.50	-48.90	32790	32510	4270	-87970	49870	10
C 670900	-19 43.7	148 21.6	7.40	-48.90	32710	32440	4200	-87530	49790	10
C 670901	-19 20.0	147 26.0	7.45	-48.25	33260	32980	4330	-87290	49970	10
C 670902	-19 11.1	147 1.2	6.00	-48.05	33170	32990	3480	-86920	49630	10
C 670903	-19 59.0	146 43.2	8.10	-49.55	32820	32490	4630	-88480	50580	20
F 670904	-20 0.2	146 52.7	8.40	-49.60	32910	32560	4800	-88650	50760	250
F 670905	-20 16.0	146 52.7	8.05	-49.95	32300	31980	4530	-88420	50190	210
F 670906	-20 22.0	146 59.5	7.50	-49.50	32500	32220	4240	-88070	50060	210
F 670907	-20 34.0	147 8.0	11.75	-49.65	31250	30600	6370	-86800	48280	100
F 670908	-20 14.7	146 11.2	7.35	-49.45	32930	32660	4220	-88510	50670	370
F 670909	-20 24.7	146 12.5	7.40	-49.80	32510	32240	4180	-88440	50350	320
F 670910	-20 39.4	146 16.3	7.40	-50.10	32410	32140	4170	-88790	50550	260
F 670911	-20 46.5	146 19.0	7.60	-50.45	32190	31910	4260	-88890	50560	240
F 670912	-20 51.5	146 24.0	7.65	-50.35	32240	31950	4310	-88930	50550	220
F 670913	-21 0.2	146 25.6	7.70	-50.45	32290	32000	4340	-89100	50710	200
F 670914	-21 10.0	146 27.4	7.75	-50.70	32260	31960	4350	-89400	50920	220
F 670915	-21 20.0	146 32.0	7.85	-50.90	32220	31920	4390	-89650	51090	240
F 670916	-21 28.7	146 41.7	7.95	-51.05	32140	31830	4440	-89780	51140	230
F 670917	-20 0.6	146 14.6	7.75	-49.40	32590	32250	4390	-87990	50020	340
F 670918	-20 9.8	146 3.2	6.25	-49.35	32910	32720	3980	-88860	50540	340
F 670919	-20 14.1	145 54.5	7.60	-49.55	32640	32360	4300	-88300	50320	320
F 670920	-20 17.5	145 46.2	7.20	-49.75	32530	32270	4080	-88420	50340	340
F 670921	-20 24.2	145 38.8	7.65	-49.95	32590	32260	4340	-88710	50580	350
F 670922	-20 27.0	145 31.2	7.55	-50.00	32330	32050	4250	-88920	50290	340
F 670923	-20 34.3	145 22.0	7.25	-50.05	32590	32290	4110	-88890	50720	440
F 670924	-20 57.0	145 2.0	7.20	-50.90	32150	31900	4020	-89950	50970	420
F 670925	-21 0.1	145 4.6	7.25	-51.05	32100	31850	4060	-89710	51070	390
F 670926	-21 14.3	145 7.7	6.05	-51.20	32060	31880	3370	-89870	51160	350
F 670927	-21 22.0	145 12.7	8.05	-51.35	32010	31690	4490	-89890	51230	320
F 670928	-21 32.3	145 14.0	9.40	-51.50	31930	31500	5230	-90170	51310	290
F 670929	-21 40.2	145 15.5	8.70	-51.65	31850	31480	4810	-90290	51360	270
F 670930	-21 47.0	145 9.6	7.10	-51.85	31840	31590	3930	-90330	51540	270
F 670931	-21 58.0	145 11.1	7.60	-52.10	31680	31400	4190	-90660	51540	260
F 670932	-22 7.4	145 9.5	7.50	-52.30	31640	31360	4140	-90960	51750	240
F 670933	-22 19.0	145 6.8	7.50	-52.55	31540	31270	4120	-91210	51890	230
F 670934	-22 29.0	145 0.5	7.20	-52.75	31450	31210	3950	-91350	51950	230
F 670935	-22 34.4	145 2.7	7.30	-53.05	31260	31010	3980	-91600	52040	230
F 670936	-22 44.6	145 3.0	7.55	-53.30	31030	30760	4090	-91830	51930	230
F 670937	-22 57.4	145 13.0	7.85	-53.40	31060	30770	4250	-91840	52110	220
F 670938	-22 52.1	145 5.7	7.30	-53.20	31140	30890	3950	-91810	51980	230
F 670939	-22 47.8	144 57.6	7.80	-53.25	31050	30760	4220	-91590	51900	240
F 670940	-22 46.4	144 46.2	7.30	-53.10	31200	30950	3970	-91560	51970	250
F 670941	-22 17.0	144 19.0	7.40	-52.55	31460	31200	4050	-91880	51740	220
F 670942	-22 11.2	144 11.6	7.10	-52.45	31500	31250	3890	-90970	51660	240
F 670943	-22 7.4	144 1.5	7.05	-52.40	31550	31310	3870	-90960	51700	240
F 670944	-22 9.1	143 51.3	6.75	-52.40	31550	31330	3700	-90980	51720	260
F 670945	-21 58.0	143 44.0	6.80	-52.20	31600	31370	3740	-90710	51530	280
F 670946	-21 59.9	143 35.0	6.95	-52.20	31580	31350	3630	-90710	51520	270
F 670947	-21 59.4	143 25.2	6.90	-52.20	31570	31340	3790	-90700	51510	230
F 670948	-23 40.8	149 29.3	9.35	-53.55	31090	30630	5040	-92000	52230	120
F 670949	-23 43.7	149 40.6	9.05	-53.50	31000	30620	4880	-91900	52130	90
R 670950	-23 29.8	149 54.2	8.45	-53.50	30980	30620	4560	-91860	52060	110
F 670952	-23 40.1	150 2.3	8.70	-53.45	30640	30310	4650	-91360	51490	80

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STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F 670953	-23 35.6	150 10.3	8.15	-54.15	30810	30900	4360	-42850	52610	90
F 670954	-23 29.8	150 19.5	8.60	-53.30	31710	31350	4740	-42950	53060	40
F 670955	-23 43.8	150 22.3	9.05	-53.60	31140	30750	4900	-42820	52460	170
F 670956	-23 51.0	150 15.6	7.80	-54.10	30410	30120	4130	-42030	51880	130
F 670957	-23 59.1	150 9.5	8.85	-53.65	30900	30520	4760	-42810	52150	110
F 670958	-24 0.8	150 6.1	9.05	-53.95	30950	30560	4880	-42930	52590	110
F 670959	-24 17.1	150 10.0	8.95	-54.15	30820	30450	4800	-42630	52600	150
F 670960	-24 27.3	150 8.0	8.90	-54.40	30830	30450	4780	-43030	52930	150
F 670961	-24 33.6	149 59.6	8.70	-54.75	30550	30200	4630	-43210	52920	120
F 670962	-24 37.5	149 47.3	8.75	-54.70	30480	30130	4620	-43050	52750	120
F 670963	-24 38.7	149 38.3	8.35	-54.80	30420	30100	4400	-43130	52780	140
F 670964	-24 38.8	149 28.5	9.10	-54.85	30410	30030	4800	-43200	52830	160
F 670965	-24 34.0	149 17.5	9.35	-54.85	30440	30030	4940	-43240	52880	150
F 670966	-24 37.0	149 7.8	9.10	-54.90	30440	30060	4810	-43810	52940	240
F 670967	-24 35.6	148 56.8	9.50	-54.90	30300	29890	5010	-43110	52700	320
F 670968	-24 29.9	148 45.5	9.25	-54.90	30270	29880	4860	-43030	52610	260
F 670969	-24 17.8	148 35.5	8.30	-54.75	30190	29870	4360	-42690	52280	210
F 670970	-24 24.3	148 26.5	8.50	-54.70	30280	29940	4480	-42720	52360	240
F 670971	-24 17.8	148 19.2	8.30	-54.60	30490	30170	4410	-42070	52600	250
F 670972	-24 12.0	148 10.5	8.35	-54.90	30390	30070	4420	-43280	52880	380
F 670973	-24 31.8	148 21.4	8.35	-54.55	30510	30190	4420	-42860	52610	260
F 670974	-24 35.4	148 12.1	8.85	-54.85	30380	30010	4670	-43180	52790	330
F 670975	-24 42.2	148 6.0	8.50	-54.90	30370	30030	4500	-43240	52840	370
F 670976	-24 36.5	148 30.6	8.50	-54.75	30470	30130	4510	-43110	52790	230
F 670977	-24 45.8	148 31.8	8.80	-54.90	30550	30200	4660	-43460	53130	260
F 670978	-26 30.8	150 5.5	9.30	-56.95	29430	29040	4770	-45200	53940	350
F 670979	-26 21.5	150 4.1	9.30	-56.75	29540	29150	4770	-45080	53890	330
F 670980	-26 12.7	150 1.0	8.95	-56.50	29650	29290	4620	-44840	53760	270
F 670981	-26 4.6	149 59.7	9.60	-56.30	29730	29310	4970	-44590	53600	250
F 670982	-25 55.7	149 54.5	9.65	-56.45	29800	29380	4990	-44920	53900	250
F 670983	-25 46.6	149 52.1	10.10	-55.95	29860	29400	5240	-44190	53340	210
F 670984	-25 38.7	149 47.2	9.60	-55.80	29960	29540	4990	-44080	53300	200
F 670985	-25 30.4	149 46.7	9.45	-55.60	30050	29640	4950	-43920	53220	200
F 670986	-25 22.9	149 51.8	9.05	-55.50	30110	29740	4730	-43790	53150	260
F 670987	-25 14.0	149 57.7	8.75	-55.40	30150	29800	4590	-43680	53080	340
F 670988	-24 57.0	150 4.0	8.70	-55.20	30230	29890	4570	-43480	52960	140
F 670989	-24 47.2	150 1.0	8.60	-55.10	30250	29910	4530	-43400	52910	130
F 670990	-24 24.8	150 17.2	11.65	-54.10	31020	30380	6270	-42890	52930	21.
F 670991	-24 20.0	150 26.8	10.25	-54.00	30780	30290	5470	-42390	52390	170
F 670992	-24 10.1	150 32.7	9.80	-54.45	30670	30220	5220	-42920	52750	210
F 670993	-24 9.7	150 42.6	9.50	-54.50	30490	30080	5020	-42790	52540	120
F 670994	-24 5.2	150 51.8	9.15	-53.80	30840	30450	4920	-42140	52220	60
F 670995	-24 1.4	151 1.0	9.45	-54.00	30840	30420	5070	-42440	52460	20
F 670996	-24 1.0	151 10.2	9.20	-53.60	30880	30480	4930	-41910	52060	50
F 670997	-23 52.8	149 34.2	9.15	-53.65	31020	30620	4930	-42120	52310	100
F 670998	-24 0.0	149 30.8	9.15	-53.90	30910	30540	4930	-42400	52480	230
F 670999	-24 9.2	149 30.5	9.05	-54.10	30830	30450	4840	-42590	52500	180
F 671000	-24 17.0	149 26.7	9.05	-54.20	30830	30450	4850	-42760	52710	150
F 671001	-24 26.7	149 21.5	9.25	-54.65	30560	30180	4920	-43090	52830	150
F 671002	-24 37.7	148 32.3	8.90	-55.35	30220	29860	4660	-43090	53130	270
F 671003	-25 0.8	148 35.0	8.80	-55.40	30270	29910	4640	-43810	53340	310
F 671004	-25 10.8	148 39.0	9.30	-56.00	29870	29470	4830	-44810	53430	470
F 671005	-25 24.0	148 38.1	9.60	-55.85	29910	29490	4990	-44050	53240	440
F 671006	-25 32.8	148 41.6	10.50	-56.00	29830	29330	5450	-44190	53320	450
F 671007	-25 41.6	148 40.8	11.25	-56.10	29790	29220	5820	-44300	53390	430
F 671008	-25 49.5	148 35.7	10.80	-56.30	29790	29260	5570	-44640	53670	400

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STATION AREA	VR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	X	Y	Z	F	BL METRES
F	671009		-25	59.3	148	33.0	9.90	-56.45	29720	29310	4900	-44630	53790	420
F	671010		-26	9.3	148	39.1	9.30	-56.60	29670	29270	4810	-44890	53890	380
F	671011		-26	16.8	148	44.9	9.10	-56.70	29640	29270	4690	-44910	53980	360
F	671012		-26	25.3	148	47.9	9.05	-56.85	29570	29200	4660	-449300	54100	370
F	671034		-25	6.3	150	10.8	8.65	-55.35	30150	29810	4540	-44660	53060	150
F	671035		-25	15.0	150	15.0	8.85	-55.70	30120	29760	4640	-44620	53420	210
F	671036		-25	16.0	150	24.4	9.55	-55.45	30110	29700	5000	-43770	53130	380
F	671037		-25	24.5	150	34.9	9.95	-55.60	30140	29690	5200	-44270	53640	370
F	671038		-25	23.1	150	44.0	10.80	-55.90	30150	29620	5640	-43920	53270	380
F	671039		-25	25.7	150	53.8	9.70	-55.90	30090	29640	5060	-43750	53100	240
F	671040		-25	24.6	151	5.0	8.70	-55.75	29530	29190	4470	-43370	52470	180
F	671041		-25	14.4	151	8.5	9.55	-55.15	30620	30200	5070	-43890	53600	190
F	671042		-25	5.7	151	14.0	9.55	-54.85	30330	29910	5030	-43300	52710	200
F	671043		-24	57.6	151	7.9	10.60	-54.95	30440	29920	5610	-43380	53000	220
F	671044		-24	50.9	151	3.3	10.15	-54.85	30460	29990	5370	-43280	52920	250
F	671045		-24	46.3	150	52.2	10.00	-54.60	30380	29920	5270	-42720	52420	360
F	671046		-24	38.0	150	44.6	9.95	-54.75	30770	30300	5310	-43530	53300	400
F	671047		-24	30.6	150	37.5	9.25	-54.10	30570	30170	4920	-42350	52150	220
F	671048		-25	24.3	152	2.6	10.20	-55.10	30250	29770	5350	-43320	52840	90
F	671049		-25	33.0	152	0.2	10.75	-55.75	29740	29220	5540	-43680	52640	150
F	671050		-25	35.1	151	53.3	10.10	-55.40	30290	29820	5300	-43890	53330	150
F	671051		-25	36.3	151	44.3	9.85	-55.40	30030	29590	5130	-43550	52900	130
F	671052		-25	34.0	151	35.2	9.40	-55.45	30010	29600	4900	-43550	52880	110
F	671053		-25	32.0	151	25.2	9.80	-55.45	30050	29610	5120	-43620	52960	150
F	671054		-25	29.5	151	14.8	9.50	-55.40	30070	29660	4960	-43620	52990	140
F	671055		-25	48.3	151	51.3	9.65	-55.95	29810	29380	5000	-44140	53260	230
F	671056		-25	57.0	151	54.0	10.05	-56.20	29530	29070	5150	-44140	53110	200
F	671057		-26	2.7	152	2.6	9.45	-56.35	29480	29080	4830	-44320	53230	230
F	671058		-26	20.8	152	13.0	9.90	-56.55	29560	29150	5080	-44770	53660	340
F	671059		-26	26.9	152	19.1	10.35	-56.60	29330	28850	5280	-44450	53250	460
F	671060		-26	32.0	152	22.3	10.75	-56.30	29770	29240	5560	-44640	53650	460
F	671061		-26	43.3	152	28.3	9.95	-56.65	29300	28870	5050	-44910	53290	490
F	671062		-26	52.7	152	32.5	9.85	-56.65	29470	29030	5040	-44750	53580	60
F	671063		-26	59.3	152	23.9	9.75	-56.95	29420	28990	4990	-45170	53910	60
F	671064		-27	6.5	152	23.0	11.25	-57.15	29250	28690	5700	-45300	53920	90
F	671065		-27	16.6	152	30.0	10.75	-57.25	29300	28790	5450	-45590	54200	90
F	671066		-27	24.8	152	37.7	11.15	-57.55	29110	28560	5630	-45750	54230	60
J	680001		-31	34.0	143	13.5	8.70	-63.15	26030	25730	3950	-91480	97690	90
J	680002		-31	37.8	142	59.8	8.50	-63.20	26010	25720	3850	-91900	97690	100
J	680003		-31	35.7	142	48.9	8.45	-63.25	25990	25710	3810	-91940	97720	160
J	680004		-31	43.7	142	39.3	8.55	-63.35	25890	25600	3840	-91980	97720	210
J	680005		-31	43.8	142	29.3	8.50	-63.45	25830	25550	3820	-91660	97760	130
J	680006		-31	45.8	142	19.2	8.60	-63.50	25770	25480	3860	-91710	97770	130
J	680007		-31	46.3	142	8.7	9.25	-63.60	25820	25490	4140	-91970	98030	140
J	680008		-31	50.7	141	57.3	8.75	-63.60	25940	25640	3960	-92250	98340	160
J	680009		-31	56.8	141	46.2	7.40	-63.65	25860	25640	3340	-92240	98290	200
J	680010		-31	56.9	141	35.8	7.40	-63.45	25880	25670	3330	-91750	97860	210
J	680011		-31	59.7	141	19.3	7.80	-63.55	25770	25530	3500	-91770	97830	300
J	680012		-32	2.3	141	9.0	7.90	-63.55	25660	25410	3520	-91940	97570	270
J	680013		-32	5.5	140	55.6	9.75	-64.25	25220	24850	4280	-92230	98000	170
J	680014		-32	8.0	140	44.3	8.40	-64.75	24830	24560	3620	-92710	98260	160
J	680015		-32	1.8	140	34.7	8.70	-64.10	25630	25330	3880	-92800	98690	170
J	680016		-31	56.8	140	23.6	7.50	-64.25	25680	25460	3340	-93200	99070	190
J	680017		-32	2.0	140	9.4	9.90	-64.00	25070	24940	2590	-91600	97190	240
J	680018		-32	3.8	139	59.2	3.19	-64.45	24750	24710	1370	-91810	97420	240
J	680019		-32	0.7	139	48.0	8.20	-64.65	24780	24530	3540	-92310	97880	260

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STATION AREA	YR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	N	X	Y	Z	F	EL METRES
J	680020		-31	53.8	139	45.8	7.65	-64.40	25150	24930	3360	-92450	98170	190
J	680021		-31	44.8	139	39.0	6.80	-64.05	25480	25300	3030	-92370	98240	130
J	680022		-31	30.0	139	29.4	7.15	-63.90	25660	25460	3190	-92340	98290	100
J	680023		-31	24.8	139	21.7	7.00	-64.00	25600	25410	3120	-92480	98390	90
J	680024		-31	24.5	139	12.0	7.30	-63.80	25680	25470	3270	-92230	98200	160
J	680025		-31	23.8	139	3.7	9.70	-63.55	26050	25920	2590	-92340	98470	160
J	680026		-31	10.8	139	7.1	7.00	-63.30	26150	25960	3190	-92010	98210	140
J	680027		-31	9.1	138	59.8	6.40	-63.15	26190	26030	2910	-91720	97970	220
J	680028		-31	5.5	138	46.5	6.95	-63.00	26280	26080	3190	-91600	97900	550
J	680029		-31	7.6	138	33.6	6.60	-63.30	26010	25840	3000	-91690	97860	360
J	680030		-31	0.1	138	23.2	7.00	-62.95	26260	26070	3190	-91410	97730	120
J	680031		-30	53.8	138	22.9	7.10	-62.80	26300	26100	3250	-91220	97580	200
J	680032		-30	44.7	138	10.0	7.30	-62.55	26420	26210	3370	-90910	97360	310
J	680033		-30	36.5	138	23.5	7.35	-62.55	26400	26190	3370	-90820	97270	220
J	680034		-30	27.6	138	24.0	7.40	-62.50	26500	26280	3410	-90900	97390	190
J	680035		-30	18.0	138	20.8	7.50	-62.30	26720	26490	3490	-90930	97510	130
J	680036		-30	4.0	138	17.0	7.25	-62.05	26850	26640	3400	-90640	97320	90
F	680037		-29	50.1	138	14.9	6.95	-61.95	26910	26710	3270	-90930	97250	70
F	680038		-29	47.8	138	8.7	6.80	-61.80	27030	26840	3200	-90890	97180	60
F	680039		-29	34.8	138	5.0	6.55	-61.70	27070	26890	3080	-90820	97140	50
F	680040		-29	32.8	138	10.0	6.40	-61.55	27170	27000	3030	-90190	97080	40
F	680041		-29	23.6	138	15.6	6.55	-61.40	27270	27090	3110	-90050	97000	40
F	680042		-29	10.5	138	22.5	6.60	-61.20	27400	27220	3140	-49840	96880	40
F	680043		-29	7.7	138	24.6	6.75	-60.95	27500	27310	3230	-49970	96690	40
F	680044		-28	58.8	138	28.2	6.65	-60.95	27460	27270	3180	-49470	96580	40
F	680045		-28	49.8	138	31.2	6.70	-60.90	27470	27280	3210	-49300	96430	20
F	680046		-28	35.8	138	43.3	6.40	-60.55	27680	27510	3090	-49800	96280	10
F	680047		-28	24.5	138	40.3	6.35	-60.35	27780	27610	3060	-48810	96160	50
F	680048		-28	14.5	138	40.4	6.35	-60.20	27880	27710	3080	-48650	96070	60
F	680049		-28	5.3	138	39.4	5.90	-59.95	28050	27900	2870	-48520	96040	60
F	680050		-27	50.7	138	40.0	6.20	-59.85	28080	27920	3030	-48340	95910	70
F	680051		-27	48.7	138	41.2	6.15	-59.70	28160	28000	3020	-48220	95840	10
F	680052		-27	39.8	138	43.2	6.40	-59.50	28310	28130	3160	-48080	95790	10
F	680053		-27	24.6	138	41.5	6.45	-59.35	28380	28200	3180	-47890	95670	30
F	680054		-27	21.9	138	43.0	6.55	-59.20	28440	28260	3240	-47740	95570	30
F	680055		-27	11.5	138	46.5	6.50	-59.00	28590	28400	3230	-47600	95530	20
F	680056		-27	3.0	138	51.9	6.30	-58.85	28660	28490	3150	-47400	95400	40
F	680057		-27	1.9	139	6.8	6.40	-58.80	28680	28500	3200	-47350	95360	50
F	680058		-27	0.0	139	17.0	6.40	-58.75	28740	28560	3200	-47360	95400	40
F	680059		-26	55.3	139	26.5	6.50	-58.60	28830	28640	3250	-47210	95310	40
F	680060		-26	48.0	139	35.8	6.50	-58.45	28860	28680	3260	-47040	95190	30
F	680061		-26	34.0	139	37.5	6.25	-58.35	28900	28730	3140	-46890	95090	40
F	680062		-26	20.7	139	32.3	6.35	-58.15	29030	28850	3220	-46750	95030	40
F	680063		-26	10.8	139	25.0	5.45	-57.80	29280	29150	2790	-46480	94940	50
F	680064		-25	54.8	141	8.0	6.65	-57.30	29440	29240	3400	-45860	94500	160
F	680065		-26	5.0	141	7.4	6.65	-57.50	29330	29140	3400	-46080	94610	160
F	680066		-26	24.0	141	5.0	6.80	-57.95	29110	28910	3450	-46500	94860	200
F	680067		-26	40.8	141	2.3	7.05	-58.15	29040	28820	3560	-46720	95010	180
F	680068		-26	51.5	140	56.4	7.00	-58.40	28890	28680	3530	-47000	95170	140
F	680069		-27	4.5	140	57.5	6.95	-58.60	28800	28590	3490	-47370	95270	100
F	680070		-27	12.7	140	51.7	7.05	-58.80	28680	28470	3510	-47360	95370	90
F	680071		-27	20.7	140	41.1	6.95	-59.00	28570	28360	3460	-47540	95460	80
F	680072		-27	32.0	140	35.3	6.00	-59.20	28450	28300	2960	-47790	95580	90
F	680073		-27	37.1	140	41.2	6.90	-59.30	28370	28170	3400	-47800	95590	90
F	680074		-27	47.2	140	43.7	7.05	-59.05	28420	28400	3500	-47470	95600	90
F	680075		-27	50.5	140	38.7	7.20	-59.65	28260	28040	3520	-48230	95900	70

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STATION AREA	YR	NO	LAT DEG	MIN	LONG DEG	MIN	O DEG	I DEG	M	X	Y	Z	F	EL METRES
F	680076		-28	51.0	140	34.2	7.10	-59.80	28140	27920	3490	-48320	55920	40
F	680077		-28	18.0	140	28.2	7.05	-59.95	28030	27820	3450	-48490	56010	40
F	680078		-28	20.0	140	22.5	7.05	-60.20	27940	27730	3420	-48740	56180	30
F	680079		-28	30.5	140	16.2	7.00	-60.35	27850	27640	3390	-48930	56300	30
F	680080		-28	48.0	140	10.0	7.10	-60.95	27770	27560	3430	-49160	56460	20
F	680081		-28	58.0	140	7.5	7.15	-60.75	27620	27410	3440	-49370	56570	20
F	680082		-29	0.5	140	6.3	7.10	-60.90	27560	27350	3410	-49500	56650	20
F	680083		-29	10.5	140	3.3	6.90	-61.40	27300	27100	3280	-50090	57040	20
F	680084		-29	20.0	139	58.2	6.85	-61.20	27340	27140	3260	-49740	56750	0
F	680085		-29	34.0	139	45.2	6.65	-61.45	27170	26990	3150	-49930	56850	40
F	680086		-29	30.0	139	34.6	7.20	-61.40	27240	27020	3410	-49960	56900	40
F	680087		-29	33.5	139	24.3	6.80	-61.40	27220	27030	3230	-49970	56910	50
F	680088		-29	30.5	139	12.5	6.85	-61.50	27180	26990	3230	-50030	56940	90
F	680089		-29	37.4	139	0.1	7.00	-61.90	27250	27050	3320	-50170	57100	90
F	680090		-29	45.0	138	51.2	6.85	-61.75	27070	26870	3230	-50370	57180	120
F	680091		-29	52.5	138	45.2	6.95	-62.15	26770	26570	3240	-50660	57320	120
J	680092		-31	0.4	139	4.9	6.65	-63.10	26230	26060	3030	-51730	58000	250
J	680093		-30	51.0	139	14.1	6.30	-63.05	26310	26130	2880	-51790	58090	210
J	680094		-30	43.0	139	20.7	7.20	-62.85	26540	26370	3320	-51830	58250	90
J	680095		-30	35.2	139	18.1	6.75	-62.30	26920	26730	3170	-51280	57920	170
J	680096		-30	24.5	139	25.5	7.15	-62.25	26750	26540	3320	-50790	57410	90
J	680097		-30	17.1	139	32.8	6.45	-62.05	26880	26710	3010	-50650	57340	60
J	680098		-30	11.0	139	43.3	6.75	-62.10	26820	26640	3150	-50670	57330	10
J	680099		-30	1.2	139	49.3	6.80	-62.10	26970	26780	3200	-50920	57620	30
J	680100		-30	4.9	140	1.8	7.05	-61.85	27110	26910	3320	-50620	57430	0
J	680101		-30	4.4	140	13.3	6.90	-61.90	27090	26900	3260	-50700	57480	10
F	680102		-29	58.1	140	23.8	6.90	-61.85	27150	26960	3270	-50720	57530	20
F	680103		-29	53.7	140	34.5	7.55	-61.40	27420	27180	3600	-50270	57260	40
F	680104		-29	50.0	140	46.7	7.80	-61.65	27020	26770	3660	-50030	56860	60
F	680105		-29	47.5	141	0.6	7.15	-61.45	27400	27190	3420	-50320	57290	80
F	680106		-29	45.9	141	10.6	7.90	-61.30	27380	27120	3770	-50050	57050	110
F	680107		-29	40.5	141	26.3	7.55	-61.40	27320	27080	3580	-50080	57040	160
F	680108		-29	40.8	141	36.1	8.00	-61.20	27460	27190	3830	-49920	56970	190
F	680109		-29	40.7	141	47.5	7.70	-61.30	27230	26990	3650	-49760	56720	160
F	680110		-29	35.0	141	55.0	8.30	-61.25	27300	27010	3940	-49720	56720	150
F	680111		-29	15.0	142	1.7	7.25	-60.85	27480	27260	3460	-49310	56450	140
F	680112		-29	4.4	141	50.1	7.70	-60.70	27560	27330	3700	-49160	56360	250
F	680113		-28	53.0	141	54.8	7.45	-60.55	27710	27460	3690	-49040	56320	150
F	680114		-28	35.4	141	55.3	7.45	-60.10	27960	27720	3630	-48620	56090	90
F	680115		-28	28.3	141	59.8	7.55	-60.05	27990	27750	3680	-48530	56020	90
F	680116		-28	17.8	142	0.3	7.40	-59.85	28090	27850	3630	-48330	55900	90
F	680117		-28	10.5	142	5.7	7.20	-59.75	28140	27920	3520	-48230	55840	90
F	680118		-28	0.4	142	11.4	7.00	-59.50	28260	28050	3450	-48010	55710	70
F	680119		-27	58.8	142	23.3	7.15	-59.40	28320	28100	3530	-47890	55640	90
F	680120		-28	11.8	143	49.4	7.90	-59.50	28240	27970	3880	-47990	55680	130
F	680121		-28	21.9	143	51.8	7.95	-59.65	28160	27890	3890	-48130	55760	150
F	680122		-28	32.1	143	49.5	8.05	-59.90	28030	27760	3920	-48330	55870	100
F	680123		-28	40.8	143	56.0	8.35	-60.00	27950	27660	4060	-48460	55950	130
F	680124		-28	50.2	143	54.1	7.55	-60.20	27880	27640	3670	-48640	56070	130
F	680125		-29	0.0	143	52.1	7.70	-60.35	27820	27570	3730	-48880	56250	120
F	680126		-29	8.1	143	43.9	7.70	-60.60	27630	27380	3700	-49030	56280	120
F	680127		-29	17.0	143	32.1	8.25	-60.70	27580	27300	3950	-49150	56360	120
F	680128		-29	24.4	143	24.6	8.15	-60.85	27490	27210	3900	-49240	56390	140
F	680129		-29	35.1	143	26.5	8.10	-61.10	27340	27070	3860	-49480	56530	160
F	680130		-29	42.5	143	26.1	8.25	-61.20	27280	26980	3910	-49610	56610	150
F	680131		-29	42.5	143	38.6	8.20	-61.20	27280	27000	3900	-49580	56590	170

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STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	SL METRES
F 000132	-29 42.0	143 48.8	8.25	-61.20	27270	26990	3920	-49570	96570	160
F 000133	-29 43.0	144 0.3	8.25	-61.10	27340	27060	3918	-49560	96600	140
F 000134	-29 42.8	144 10.1	8.25	-61.10	27330	27040	3920	-49550	96580	120
F 000135	-29 43.0	144 20.3	8.20	-61.20	27230	26960	3880	-49520	96570	120
F 000136	-29 48.2	144 31.4	7.85	-61.20	27250	26990	3730	-49580	96570	110
F 000137	-29 52.0	144 40.1	7.95	-61.25	27290	27030	3770	-49760	96790	130
F 000138	-29 57.8	144 53.9	8.30	-61.35	27090	26810	3920	-49620	96530	120
J 000139	-30 0.2	145 2.3	8.25	-61.35	27100	26820	3890	-49580	96500	120
J 000140	-30 1.0	145 14.0	8.75	-61.35	27060	26740	4120	-49480	96390	120
F 000141	-29 59.1	145 23.6	8.80	-61.25	27210	26890	4170	-49620	96590	110
J 000142	-30 0.4	145 35.0	9.00	-61.40	27030	26700	4240	-49570	96460	110
J 000143	-30 1.5	145 46.0	9.10	-61.35	27100	26760	4290	-49580	96500	110
F 000144	-29 52.1	146 0.9	9.10	-61.15	27220	26880	4300	-49360	96370	110
F 000145	-29 42.5	145 55.4	9.30	-61.20	27230	26870	4400	-49540	96530	120
F 000146	-29 34.2	145 50.0	8.85	-60.60	27730	27400	4270	-49240	96520	120
F 000147	-29 22.5	145 50.6	8.75	-60.45	27700	27380	4210	-48860	96170	120
F 000148	-29 14.7	145 51.9	8.70	-60.35	27730	27410	4210	-48730	96070	130
F 000149	-29 5.4	145 46.4	8.75	-60.25	27800	27480	4220	-48620	96000	140
F 000150	-28 55.5	145 43.5	8.60	-60.10	27850	27540	4170	-48420	95860	150
F 000151	-28 46.4	145 40.5	8.35	-59.90	27950	27660	4060	-48210	95730	150
F 000152	-28 37.2	145 40.3	8.20	-59.80	27940	27660	3980	-48030	95570	140
F 000153	-28 28.2	145 46.0	8.45	-59.70	28020	27720	4110	-47980	95570	150
F 000154	-28 18.7	145 44.8	8.50	-59.55	28190	27880	4170	-47910	95590	160
F 000155	-28 24.0	144 2.0	8.10	-59.75	28070	27790	3980	-48140	95730	200
F 000156	-28 30.0	144 11.7	8.05	-59.85	28000	27720	3910	-48210	95790	140
F 000157	-28 38.1	144 19.2	8.10	-59.95	27960	27700	3940	-48370	95870	130
F 000158	-28 43.0	144 25.9	8.20	-60.10	27900	27620	3980	-48500	95950	130
F 000159	-28 54.2	144 26.9	8.25	-60.25	27790	27500	3980	-48630	96010	120
F 000160	-29 3.1	144 27.2	8.05	-60.40	27700	27430	3860	-48780	96100	150
F 000161	-29 11.9	144 28.5	8.10	-60.55	27600	27320	3900	-48910	96160	140
F 000162	-29 20.0	144 24.2	8.20	-60.75	27490	27210	3930	-49070	96290	140
F 000163	-29 28.3	144 22.5	8.30	-60.85	27420	27140	3960	-49190	96320	130
F 000164	-29 34.0	144 15.0	8.30	-61.00	27350	27060	3940	-49350	96430	120
J 000165	-30 3.2	144 34.5	8.70	-61.10	27370	27060	4140	-49610	96660	100
J 000166	-30 14.0	144 32.0	8.75	-61.70	26930	26620	4100	-49890	96780	90
J 000167	-30 22.9	144 39.7	8.85	-61.80	26850	26530	4130	-50100	96840	100
J 000168	-30 29.3	144 46.6	8.30	-61.80	26790	26510	3860	-49980	96700	130
J 000169	-30 27.3	145 20.2	8.80	-61.75	26870	26560	4120	-50030	96790	100
J 000170	-30 29.4	145 30.3	8.80	-61.75	26890	26580	4110	-50080	96780	110
J 000171	-30 17.4	145 38.5	8.90	-61.55	27000	26670	4170	-49830	96680	100
J 000172	-30 12.2	145 47.2	8.95	-61.45	27010	26690	4200	-49700	96570	100
F 000173	-29 54.0	145 41.9	8.90	-61.35	27050	26720	4190	-49540	96440	100
F 000174	-29 48.0	145 31.6	8.90	-61.35	27070	26750	4180	-49520	96440	130
F 000175	-29 44.0	145 21.3	8.40	-60.90	27550	27290	4040	-49520	96670	150
F 000176	-29 35.0	145 12.2	8.45	-60.90	27430	27140	4030	-49250	96370	140
F 000177	-29 26.4	145 4.8	8.45	-60.70	27600	27300	4050	-49160	96380	160
F 000178	-29 17.0	145 1.1	8.40	-60.55	27580	27280	4020	-48820	96070	150
F 000179	-29 9.0	144 55.0	8.70	-60.45	27660	27340	4190	-48630	96120	150
F 000180	-29 3.0	144 44.8	8.10	-60.45	27670	27400	3890	-48780	96080	150
F 000181	-28 46.0	144 38.3	8.35	-60.05	27900	27610	4040	-48470	95920	130
F 000182	-28 40.5	144 45.5	8.45	-59.95	27970	27670	4110	-48820	95830	140
F 000183	-28 29.8	144 48.3	8.45	-59.75	28050	27750	4120	-48110	95690	140
F 000184	-28 18.9	144 34.8	8.20	-59.55	28170	27880	4020	-47920	95580	140
F 000185	-28 10.8	146 12.2	9.20	-59.30	28310	27940	4920	-47710	95480	160
F 000186	-28 21.5	146 14.4	9.60	-59.60	28160	27770	4700	-47960	95620	160
F 000187	-28 30.1	146 20.7	9.80	-59.70	28010	27600	4770	-47950	95930	150

THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	VR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
F	680188		-28	40.6	146	32.6	8.60	-59.60	27970	27640	4290	-48050	55600	150
F	680189		-28	46.9	146	42.4	8.90	-59.65	27980	27640	4330	-48130	55670	130
F	680190		-28	56.3	146	44.2	9.10	-59.90	27960	27610	4420	-48260	55770	120
F	680191		-29	6.8	146	44.3	8.85	-60.00	28060	27730	4310	-48550	56080	140
F	680192		-29	13.2	146	52.1	9.05	-60.35	27780	27440	4390	-48790	56150	130
F	680193		-29	18.3	147	4.1	9.25	-60.55	27560	27200	4440	-48860	56090	130
F	680194		-29	17.2	147	15.0	9.45	-60.40	27680	27300	4550	-48690	56010	120
F	680195		-29	8.9	147	21.9	9.15	-60.20	27780	27430	4420	-48520	55910	130
F	680196		-29	10.1	147	36.0	9.25	-60.10	27820	27460	4460	-48360	55790	110
F	680197		-29	14.8	147	48.7	9.25	-60.30	27800	27430	4470	-48730	56100	110
F	680198		-29	23.0	147	51.3	9.75	-60.40	27660	27260	4680	-48660	55970	120
F	680199		-29	30.2	147	58.9	9.35	-60.45	27560	27200	4470	-48600	55870	140
F	680200		-29	38.5	148	5.2	9.10	-60.70	27520	27180	4350	-49000	56200	130
F	680201		-29	47.2	148	7.3	9.50	-60.70	27420	27040	4530	-48880	56040	130
F	680202		-29	55.4	148	9.9	9.25	-60.60	27360	27010	4410	-48990	56120	140
J	680203		-30	1.2	148	3.7	10.00	-60.85	27340	26920	4750	-49070	56170	140
J	680204		-30	0.3	147	53.4	9.40	-61.05	27310	26930	4560	-49330	56380	140
J	680205		-30	2.4	147	42.2	9.45	-61.20	27080	26720	4460	-49220	56180	130
J	680206		-30	4.5	147	31.2	9.30	-60.80	27800	27430	4500	-49740	56980	130
J	680207		-30	5.6	147	17.9	9.00	-61.00	27280	26940	4280	-49240	56290	130
J	680208		-30	1.8	147	8.4	9.30	-61.00	27300	26940	4620	-49220	56280	140
F	680209		-29	48.0	146	57.7	9.15	-60.85	27340	26990	4340	-49010	56120	130
F	680210		-29	37.5	147	4.0	9.05	-60.70	27420	27080	4310	-48850	56030	130
F	680211		-29	1.2	147	40.3	8.85	-59.95	27880	27550	4290	-48150	55640	140
F	680212		-28	56.4	147	52.4	9.40	-59.90	27930	27540	4560	-48220	55730	150
F	680213		-28	51.6	148	1.6	9.00	-59.70	27990	27640	4380	-47890	55470	160
F	680214		-28	45.0	148	8.9	9.00	-59.55	28180	27640	4400	-47950	55620	170
F	680215		-28	36.0	148	13.0	9.20	-59.40	28200	27630	4520	-47700	55410	180
F	680216		-28	27.4	148	2.3	9.05	-59.25	28320	27970	4450	-47580	55370	180
F	680217		-28	19.6	147	55.6	8.85	-59.35	28170	27830	4340	-47510	55230	190
F	680218		-28	13.0	147	49.4	9.05	-59.10	28310	27960	4450	-47310	55130	190
F	680219		-28	6.1	147	42.4	9.05	-58.95	28430	28080	4480	-47250	55150	190
F	680220		-28	10.1	147	18.0	8.90	-59.00	28410	28070	4400	-47320	55200	170
F	680221		-28	15.0	147	7.8	9.05	-59.15	28360	28010	4470	-47450	55260	170
F	680222		-28	16.5	146	55.4	8.95	-59.30	28290	27950	4390	-47660	55420	140
F	680223		-28	22.5	146	43.4	8.75	-59.50	28160	27830	4290	-47790	55470	140
F	680224		-28	31.5	146	42.7	8.55	-59.70	28030	27720	4170	-47920	55510	130
F	680225		-28	43.9	146	18.0	8.70	-59.95	27860	27540	4210	-48120	55600	140
J	680226		-30	3.5	146	10.3	9.25	-61.25	27180	26820	4370	-49520	56490	100
J	680227		-30	0.6	146	21.2	9.20	-61.15	27210	26860	4330	-49420	56410	110
F	680228		-29	59.6	146	32.7	9.20	-61.10	27250	26900	4360	-49350	56380	120
F	680229		-29	56.6	146	42.7	9.05	-61.00	27270	26930	4300	-49250	56300	120
F	680230		-29	56.6	146	58.0	9.15	-60.95	27290	26940	4340	-49170	56240	120
F	680231		-29	44.0	148	20.5	9.55	-60.75	27320	26990	4250	-48760	55890	130
F	680232		-29	36.8	148	29.4	9.20	-60.40	27700	27350	4440	-48740	56070	130
F	680233		-29	29.3	148	38.3	9.10	-60.45	27590	27250	4370	-48670	55940	140
F	680234		-29	20.6	148	41.0	9.35	-60.20	27800	27440	4510	-48980	55980	150
F	680235		-29	10.6	148	37.9	9.25	-60.05	27880	27520	4490	-48360	55820	150
F	680236		-29	5.9	148	47.0	9.55	-59.90	27990	27600	4650	-48300	55820	150
F	680237		-29	0.0	148	55.3	9.40	-59.80	28030	27660	4570	-48210	55770	160
F	680238		-28	52.0	148	49.0	9.80	-59.65	28140	27730	4790	-48030	55670	160
F	680239		-28	44.6	148	39.0	9.40	-59.55	28160	27780	4590	-47890	55550	170
F	680240		-28	39.0	148	29.5	9.20	-59.50	28160	27800	4800	-47820	55500	170
F	680241		-28	29.5	148	50.7	9.30	-59.20	28230	27860	4570	-47360	55140	180
F	680242		-28	42.6	148	53.2	9.45	-59.55	28100	27720	4610	-47800	55450	170

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA, YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	W	X	Y	Z	F	EL METRES
F 680243	-29 28.5	148 54.0	9.60	-60.35	27650	27260	4600	-49540	55660	150
F 680244	-29 27.9	149 4.7	9.65	-60.35	27640	27250	4640	-49580	55900	160
F 680245	-29 29.8	149 18.1	9.25	-60.30	27640	27300	4450	-49440	55760	170
F 680246	-29 33.9	149 25.5	9.45	-60.40	27660	27290	4540	-49710	56020	180
F 802471	-29 33.4	149 37.7	131.10	-60.35	30570	-20090	23030	-75950	82600	190
F 680248	-29 17.6	149 59.0	10.30	-60.00	27890	27440	4970	-49330	55800	220
F 680249	-29 7.8	150 1.8	10.10	-59.75	28030	27600	4920	-49100	55680	260
F 680250	-28 55.7	150 6.8	10.20	-59.50	28140	27700	4980	-47800	55470	240
F 680251	-28 44.0	150 16.3	10.55	-59.35	28230	27750	5170	-47590	55330	210
F 680252	-29 29.9	150 7.0	10.45	-60.25	27780	27320	5030	-48550	55940	240
F 680253	-29 34.6	150 13.6	10.75	-60.05	27760	27280	5150	-48200	55630	280
F 680254	-29 33.0	150 33.3	10.55	-60.05	27770	27300	5080	-48230	55650	350
F 680256	-29 22.8	150 38.2	10.25	-59.90	27840	27390	4960	-47990	55480	430
F 680257	-29 15.0	150 45.5	10.40	-59.75	27930	27470	5040	-47840	55400	380
F 680258	-29 4.6	150 43.7	10.35	-59.55	28010	27560	5040	-47690	55310	340
F 680259	-28 54.0	150 46.7	10.05	-59.25	28210	27770	4910	-47390	55150	260
F 680260	-28 54.4	150 58.4	9.95	-59.40	28070	27640	4850	-47420	55100	310
F 680261	-28 52.4	151 9.7	10.15	-59.35	28160	27720	4960	-47510	55220	320
F 680262	-29 2.6	151 18.5	10.15	-59.55	28010	27580	4930	-47660	55280	350
F 680263	-29 10.7	151 22.0	10.55	-59.55	28050	27570	5140	-47750	55370	350
F 680264	-29 0.6	151 32.4	10.50	-59.35	28110	27630	5130	-47420	55130	440
F 680265	-29 2.2	151 43.5	10.30	-59.40	28040	27580	5020	-47450	55120	790
F 680266	-28 59.0	151 57.0	10.90	-59.25	28480	27960	5390	-47820	55660	790
F 680267	-28 49.8	151 51.5	11.50	-58.80	28560	27990	5690	-47190	55180	700
F 680268	-28 37.7	151 57.3	10.40	-58.90	28400	27930	5120	-47050	54950	870
F 680269	-28 28.0	151 58.7	10.10	-58.65	28430	27990	5000	-46690	54660	840
F 680270	-28 0.0	153 21.0	10.15	-58.25	28600	28150	5050	-46170	54310	30
F 680271	-28 16.0	153 35.0	10.10	-59.05	28360	27920	4980	-47290	55150	10
F 680272	-28 25.0	153 30.5	10.45	-58.05	28030	28350	5220	-46190	54450	40
F 680273	-28 34.5	153 31.5	10.60	-58.35	28640	28150	5280	-46300	54610	40
F 680274	-28 45.6	153 32.9	10.85	-58.60	28470	27940	5370	-46840	54640	80
F 680275	-28 54.0	153 28.8	11.00	-59.00	28180	27670	5370	-46950	54760	30
F 680276	-29 3.0	153 22.5	10.90	-59.20	28130	27620	5310	-47150	54900	40
F 680277	-28 57.1	153 15.9	10.95	-59.10	28160	27650	5360	-47060	54840	30
F 680278	-28 53.7	153 6.5	11.10	-59.05	28180	27660	5420	-46980	54780	30
F 680279	-28 50.0	152 52.8	10.65	-59.30	28210	27720	5210	-47500	55250	80
F 680280	-28 54.5	152 43.2	10.80	-59.10	28290	27790	5300	-47590	55110	190
F 680281	-28 53.9	152 31.3	10.45	-59.45	28190	27730	5100	-47770	55470	190
F 680282	-28 55.7	152 20.0	10.55	-59.35	28090	27610	5150	-47420	55120	720
F 680283	-29 0.8	152 8.9	10.45	-59.70	27950	27480	5080	-47800	55370	920
F 680284	-29 7.5	151 59.7	9.80	-59.45	27960	27560	4760	-47430	55060	1030
F 680285	-29 17.0	151 57.4	10.35	-59.80	27750	27300	4970	-47660	55150	970
F 680286	-29 20.8	151 51.0	10.15	-60.10	27600	27170	4860	-48020	55390	1100
F 680287	-29 34.7	151 52.5	10.20	-59.95	27750	27310	4920	-47940	55390	980
F 680288	-29 44.5	151 44.5	10.40	-60.10	27460	27210	4990	-48100	55490	1040
F 680289	-29 44.4	151 34.5	10.80	-60.10	27410	27120	5170	-48020	55390	920
F 680290	-29 48.9	151 25.2	11.05	-60.40	27780	27260	5330	-48900	56240	760
F 680291	-29 48.0	151 10.2	11.30	-60.45	27410	27080	5410	-48730	56010	700
F 680292	-29 44.0	150 58.0	10.55	-60.30	27470	27000	5040	-48180	55460	670
F 680293	-29 40.5	150 49.5	10.40	-60.20	27580	27110	5080	-48180	55520	570
F 680294	-29 40.8	150 47.0	10.75	-60.35	27580	27100	5150	-48430	55740	360
F 680295	-29 49.4	150 34.1	10.50	-60.45	27470	27010	5010	-48500	55740	270
F 680296	-29 59.0	150 36.0	10.20	-60.60	27340	26900	4850	-48910	55680	370
J 680297	-30 9.2	150 35.4	10.70	-60.70	27410	26940	5090	-48850	56010	630
J 680298	-30 17.4	150 35.7	10.40	-60.90	27200	26750	4900	-48900	55960	650
J 680299	-30 27.0	150 38.2	10.80	-61.00	27200	26720	5090	-49040	56080	530
J 680300	-30 35.0	150 38.8	10.85	-61.05	27220	26740	5110	-49260	56280	450

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	VR	NO	LAT DEG	MIN	LONG DEG	MIN	D REQ	I DFG	X	Y	Z	F	EL METRES	
J	680301		-30	47.2	190	44.5	10.75	-61.30	27060	26580	5050	-49460	56380	380
J	680302		-30	50.9	190	51.5	10.75	-61.50	26980	26410	5010	-49300	56330	370
J	680303		-31	4.1	190	53.4	11.65	-61.50	26920	26370	5050	-49810	56440	400
J	680304		-30	59.0	191	6.1	10.65	-61.35	27110	26550	4980	-49480	56375	760
J	680305		-30	49.5	191	13.4	10.55	-61.30	27300	26550	4940	-49310	56220	630
J	680306		-30	44.0	191	23.5	10.80	-61.25	27070	26590	5070	-49360	56300	1040
J	680307		-30	37.4	191	31.0	10.55	-61.10	27120	26660	4970	-49100	56090	1100
J	680308		-30	27.0	191	40.8	10.70	-60.80	27280	26810	5070	-48850	55950	1020
J	680309		-30	19.0	191	41.4	10.60	-60.90	27290	26820	5030	-49020	56100	1400
J	680310		-30	9.0	191	40.8	10.50	-60.35	27260	27290	5070	-48790	56140	1400
J	680311		-30	1.0	191	43.2	10.20	-60.20	27260	27330	4910	-48490	55875	1370
F	680312		-29	51.9	191	44.1	10.65	-60.15	27560	27080	5090	-48060	55400	1060
F	680313		-29	38.9	192	2.3	10.75	-60.10	27680	27200	5160	-48170	55560	950
F	680314		-29	34.2	192	12.5	11.25	-60.00	27620	27090	5380	-47890	55290	930
F	680315		-29	27.0	192	21.7	11.00	-59.60	27680	27340	5320	-47520	55080	870
F	680316		-29	39.0	192	34.5	10.70	-59.85	27260	27280	5160	-47810	55280	220
F	680317		-29	30.1	192	44.1	10.65	-59.85	27290	27310	5130	-47840	55320	250
F	680318		-29	41.0	192	52.0	10.60	-59.85	27810	27340	5110	-47930	55410	80
F	680319		-29	34.9	193	4.5	10.45	-59.75	27850	27390	5030	-47730	55270	20
F	680320		-29	20.2	193	12.6	10.40	-59.65	27900	27440	5040	-47630	55200	40
F	680321		-29	10.0	193	12.7	10.55	-59.35	28010	27540	5130	-47290	54970	40
F	680322		-29	10.0	193	16.6	10.85	-59.30	28100	27590	5290	-47890	55010	40
J	680323		-30	59.2	192	41.6	10.85	-61.30	27000	26520	5080	-49360	56260	60
J	680324		-30	51.0	192	35.2	10.70	-61.20	27150	26580	5030	-49230	56170	90
J	680325		-30	47.2	192	26.4	10.65	-61.15	27170	26610	5000	-49160	56120	180
J	680326		-30	45.5	192	17.5	10.65	-61.15	27090	26620	5010	-49160	56130	200
J	680327		-30	37.9	192	11.6	10.80	-61.00	27150	26670	5090	-48940	55970	1100
J	680328		-30	31.2	192	3.8	10.95	-60.90	27230	26730	5180	-48890	55960	1160
J	680329		-30	32.1	191	52.6	10.95	-60.90	27240	26740	5190	-48920	55990	1220
J	680330		-30	29.6	192	19.4	11.80	-60.25	27400	26820	5620	-47980	55250	1160
J	680331		-30	17.7	192	25.5	12.55	-60.60	27520	26870	5970	-48830	56050	1050
J	680332		-30	11.7	192	32.6	10.60	-60.50	27430	26960	5050	-48440	55670	580
J	680333		-30	9.8	192	37.8	10.50	-60.35	27530	27070	5020	-48340	55630	550
F	680334		-29	54.0	192	47.3	10.75	-60.10	27450	27170	5160	-48120	55500	70
F	680335		-29	55.0	193	4.2	11.05	-60.05	27660	27150	5290	-48030	55430	60
J	680336		-30	4.1	193	11.7	11.05	-60.75	27430	27110	5310	-48300	55640	10
J	680337		-30	14.1	193	8.6	11.10	-60.40	27520	27080	5310	-48450	55720	10
J	680338		-30	19.3	193	5.2	11.10	-60.50	27470	26950	5280	-48270	55800	10
J	680339		-30	20.0	193	0.3	11.15	-59.95	27410	26900	5290	-47840	54700	10
J	680340		-30	37.9	192	58.6	11.00	-60.95	27140	26640	5180	-48900	55920	20
J	680341		-30	45.4	192	54.6	11.10	-61.05	27170	26660	5240	-49120	56130	20
J	680342		-30	55.1	192	56.5	11.40	-61.15	27100	26570	5350	-49240	56210	30
J	680343		-31	5.9	192	51.1	11.15	-61.35	26970	26470	5210	-49390	56280	20
J	680344		-31	14.3	192	49.4	10.90	-61.75	27150	26660	5140	-49440	56410	30
J	680345		-31	24.3	192	48.7	11.15	-61.65	26790	26280	5190	-49700	56460	30
J	680346		-31	34.2	192	47.0	11.40	-61.90	26710	26140	5280	-49970	56660	70
J	680347		-31	41.7	192	44.0	11.95	-62.30	26430	25860	5480	-50300	56820	50
J	680348		-31	50.9	192	36.5	11.70	-62.15	26410	25860	5360	-49960	56510	50
J	680349		-31	28.6	192	35.7	11.10	-61.75	26920	26320	5150	-49910	56860	60
J	680350		-31	20.9	192	25.0	10.95	-61.70	26960	26370	5100	-49890	56850	80
J	680351		-31	29.0	192	13.7	10.65	-61.80	26400	26140	4930	-49590	56280	470
J	680352		-31	24.0	192	3.6	10.50	-61.70	26760	26310	4870	-49700	56450	1070
J	680353		-31	12.2	191	56.2	10.60	-61.75	26720	26270	4910	-49730	56450	980
J	680354		-31	0.9	191	49.0	11.00	-61.30	27110	26610	5170	-49540	56480	1060
J	680355		-31	1.2	191	40.1	10.95	-61.95	26900	26010	5020	-49710	56330	1040
J	680356		-30	57.0	191	24.4	11.00	-61.30	27100	26500	5140	-49330	56230	1130

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THIRD ORDER RESULTS ADJUSTED TO 1970,0

STATION AREA VR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	H	X	Y	Z	F	EL METRES
J 480357	-31 14.8	150 54.8	11.00	-61.70	26840	26390	5110	-49880	56640	370
J 480358	-31 23.1	150 52.7	11.10	-61.50	26800	26300	5170	-49970	56710	520
J 480359	-31 32.9	150 50.0	11.10	-61.90	26790	26290	5170	-50140	56870	460
J 480360	-31 40.0	150 44.8	10.33	-62.25	26900	26070	4790	-50320	56870	420
J 480361	-31 46.2	150 52.0	10.60	-62.45	26370	25970	4840	-50500	56970	400
J 480362	-31 55.1	150 52.6	9.23	-62.00	26370	26030	4210	-49950	56130	270
J 480363	-30 50.2	150 39.9	10.80	-61.60	26910	26430	5030	-49740	56590	310
J 480364	-30 57.9	150 30.2	10.15	-62.00	26830	26410	4720	-50500	57180	350
J 480365	-30 58.9	150 17.7	11.00	-61.55	27060	26570	5160	-49980	56830	270
J 480366	-31 0.8	150 5.0	10.50	-61.35	27310	26850	4970	-49950	56920	380
J 480367	-31 0.8	149 54.0	9.95	-61.70	26890	26290	4610	-49930	56280	290
J 480368	-31 8.8	149 43.5	10.05	-61.75	26820	26410	4670	-49870	56620	430
J 480369	-31 7.0	149 34.0	10.25	-62.30	26300	25880	4680	-50080	56570	470
J 480370	-31 14.0	149 22.8	9.15	-62.00	26790	26490	4250	-50880	57040	610
J 480371	-31 2.4	149 24.5	9.70	-62.10	26560	26190	4470	-50170	56770	460
J 480372	-30 50.0	149 26.6	9.55	-61.75	27020	26650	4480	-50820	57120	370
J 480373	-30 43.7	149 31.2	9.80	-61.55	26910	26520	4580	-49660	56480	280
J 480374	-30 35.0	149 35.5	9.75	-61.45	27190	26700	4590	-49780	56670	260
J 480375	-30 26.9	149 40.3	10.10	-61.20	27270	26890	4780	-49640	56640	220
J 480376	-30 9.1	149 47.7	10.50	-60.85	27380	26930	4990	-49110	56230	240
F 480377	-29 55.4	149 48.7	10.60	-60.45	27540	27070	5060	-48980	55830	240
F 480378	-29 44.2	149 48.2	10.45	-60.55	27400	26950	4970	-48960	55760	220
J 480379	-30 15.8	149 44.0	10.40	-60.85	27460	27010	4960	-49200	56350	200
J 480380	-30 12.1	149 33.0	10.35	-61.15	27260	26820	4900	-49450	56470	180
J 480381	-30 12.9	149 22.7	9.70	-61.25	27180	26790	4580	-49550	56510	180
J 480382	-30 9.0	149 12.5	9.20	-60.95	27240	26880	4370	-49080	56120	170
J 480383	-30 7.8	149 0.4	9.70	-60.95	27320	26930	4610	-49180	56260	160
J 480384	-30 4.8	148 48.8	9.55	-61.00	27280	26910	4520	-49210	56270	150
J 480385	-30 1.8	148 36.5	9.30	-61.10	27220	26860	4390	-49340	56350	140
J 480386	-30 0.7	148 24.9	9.25	-60.95	27280	26900	4370	-49040	56110	130
J 480387	-30 1.9	148 15.8	9.95	-60.95	27260	26930	4240	-49080	56120	120
J 480388	-30 10.1	148 5.9	9.65	-61.10	27170	26780	4560	-49170	56180	140
J 480389	-30 19.0	148 6.0	9.55	-61.20	27190	26810	4520	-49430	56410	130
J 480390	-30 27.7	148 10.9	9.30	-61.45	27200	26840	4410	-49950	56880	120
J 480391	-30 36.9	148 15.1	10.00	-61.55	26920	26520	4670	-49640	56490	120
J 480392	-30 44.7	148 17.3	10.15	-61.55	27100	26880	4780	-49970	56850	150
J 480393	-30 54.0	148 21.8	10.25	-61.75	26950	26520	4800	-50150	56930	160
J 480394	-31 0.5	148 23.8	9.90	-62.10	26890	26190	4570	-50230	56840	200
J 480395	-31 15.9	148 27.6	9.95	-62.10	26840	26240	4610	-50350	56960	210
J 480396	-31 25.8	148 31.0	10.35	-62.25	26860	26030	4760	-50240	56780	220
J 480397	-31 34.0	148 35.2	10.45	-62.35	26380	25940	4780	-50350	56840	240
J 480398	-31 42.0	148 41.0	10.65	-62.55	26280	25870	4860	-50540	57000	290
J 480399	-31 53.9	148 48.7	9.90	-62.35	26720	26370	4590	-50980	57560	340
J 480400	-31 28.0	148 57.4	10.60	-62.00	26740	26240	4920	-50310	56980	550
J 480401	-31 27.1	149 8.5	9.90	-62.40	26450	26260	4580	-51070	57560	670
J 480402	-30 14.8	147 51.4	9.25	-61.55	26450	26500	4320	-49990	56390	140
J 480403	-30 24.6	147 46.9	9.95	-61.50	26430	26510	4640	-49540	56420	130
J 480404	-30 26.2	147 34.7	9.30	-61.65	26740	26590	4340	-49920	56730	130
J 480405	-30 33.4	147 29.4	9.30	-61.55	26950	26630	4370	-49850	56680	140
J 480406	-30 42.8	147 29.7	9.10	-61.80	26860	26540	4250	-51040	56840	140
J 480407	-30 53.9	147 28.0	9.05	-61.85	26840	26600	4230	-50320	57080	150
J 480408	-31 3.2	147 22.5	10.10	-62.30	26890	26280	4670	-50860	57390	160
J 480409	-31 12.0	147 18.2	9.90	-62.45	26860	26240	4100	-50870	57390	160
J 480410	-31 21.9	147 15.0	9.25	-62.50	26560	26280	3800	-51030	57530	170
J 480411	-31 39.9	148 27.5	10.20	-62.75	26190	25780	4640	-50840	57220	250
J 480412	-31 46.2	148 16.7	9.75	-62.30	26500	26110	4480	-50440	56980	230

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	U	X	Y	Z	F	PL METRES
J 480413	-31 39.8	148 4.9	9.80	-62.55	26300	25910	4480	-90610	97030	200
J 480414	-31 39.8	147 52.7	10.15	-62.40	26496	26080	4680	-90890	97200	200
J 480415	-31 47.3	147 45.2	10.20	-62.95	26200	25790	4630	-91860	97680	200
J 480416	-31 48.3	147 35.1	9.40	-63.45	25910	25460	4220	-91670	97760	190
J 480417	-31 41.8	147 26.0	9.60	-62.85	26140	25780	4360	-90840	97290	180
J 480418	-31 39.7	147 15.6	8.95	-62.75	26300	25980	4080	-91090	97460	180
J 480419	-31 29.8	147 3.7	9.30	-62.45	26540	26190	4290	-90860	97360	170
J 480420	-31 15.4	146 54.7	10.00	-62.25	26530	26130	4600	-90480	97030	210
J 480421	-31 8.0	146 48.3	99.40	-62.15	26620	-4350	26260	-90430	97020	220
J 480422	-31 0.5	146 41.8	99.45	-62.10	26460	-4360	26300	-90810	96940	220
J 480423	-30 52.4	146 35.0	9.50	-61.90	26580	26460	4440	-90240	96960	170
J 480424	-30 44.8	146 27.8	8.90	-61.90	26750	26420	4190	-90140	96820	180
J 480425	-30 35.8	146 21.1	8.50	-61.90	26800	26510	3970	-90220	96920	190
J 480426	-30 27.0	146 14.0	8.75	-61.85	26480	26570	4080	-49870	96650	130
J 480427	-30 19.8	146 8.0	8.75	-61.90	27910	26700	4100	-49770	96630	110
J 480428	-30 12.0	146 2.9	8.75	-61.40	27780	26760	4130	-49640	96540	110
J 480429	-30 44.9	145 14.0	8.75	-62.35	26740	26430	4070	-90410	97070	120
J 480430	-30 54.4	145 20.1	9.05	-62.10	26720	26380	4210	-90450	97090	190
J 480431	-31 5.0	145 26.5	9.15	-62.25	26630	26290	4230	-90610	97180	200
J 480432	-31 15.2	145 34.4	9.10	-62.45	26520	26190	4190	-90790	97290	240
J 480433	-31 21.7	145 40.8	9.05	-62.50	26480	26150	4160	-90810	97300	230
J 480434	-31 34.0	146 58.2	9.20	-62.80	26320	25980	4200	-90740	97160	210
J 480435	-31 33.8	146 45.5	9.25	-62.80	26350	26010	4240	-90800	97230	220
J 480436	-31 34.7	146 32.1	10.25	-61.95	26910	26480	4790	-90900	97230	250
J 480437	-31 33.8	146 19.4	9.15	-62.65	26320	25990	4180	-90830	97330	240
J 480438	-31 31.9	146 7.4	9.15	-62.70	26320	25980	4180	-90850	97350	270
J 480439	-31 30.9	145 56.6	9.05	-62.85	26340	26010	4150	-90850	97350	270
J 480440	-31 31.4	145 38.1	9.15	-62.70	26310	25970	4170	-90880	97370	220
J 480441	-31 34.0	145 25.6	8.90	-62.80	26230	25920	4060	-91090	97430	200
J 480442	-31 33.0	145 13.8	8.85	-62.85	26240	25920	4040	-91130	97470	230
J 480443	-31 34.8	145 2.6	8.80	-62.85	26220	25920	4000	-91180	97510	190
J 480444	-31 35.1	144 51.1	9.00	-62.90	26220	25900	4100	-91210	97530	160
J 480445	-31 33.7	144 38.6	8.90	-62.90	26710	25900	4050	-91230	97550	140
J 480446	-31 33.3	144 26.3	8.65	-62.90	26710	25920	3940	-91260	97570	90
J 480447	-31 37.4	144 17.3	8.65	-63.00	26160	25860	3940	-91270	97650	80
J 480448	-31 44.2	144 7.0	98.55	-63.15	26390	-3870	25800	-91900	97730	80
J 480449	-31 39.2	143 56.3	8.55	-63.10	26110	25820	3880	-91450	97700	80
J 480450	-31 38.2	143 42.8	98.50	-63.10	26090	-3840	25800	-91440	97710	90
J 480451	-31 43.3	143 27.8	98.65	-63.25	26020	-3900	25720	-91960	97760	90
J 480452	-31 12.2	139 19.0	7.30	-63.30	26020	25810	3310	-91780	97950	98
J 480453	-31 12.2	139 32.3	8.80	-63.45	25490	25590	3960	-91800	97910	40
J 480454	-31 13.8	139 44.6	8.40	-63.55	26000	25720	3800	-92270	98380	40
J 480455	-31 14.0	139 50.0	8.45	-63.55	25310	25630	3820	-92060	98170	20
J 480456	-31 14.8	140 7.5	7.25	-63.05	26460	26270	3340	-92120	98460	30
J 480457	-31 14.7	140 17.8	7.85	-63.40	26110	25870	3570	-92150	98320	50
J 480458	-31 0.4	140 28.5	97.55	-63.40	26180	-3420	25840	-92110	98270	50
J 480459	-31 0.0	140 32.7	98.10	-63.55	26050	-3730	26390	-92410	98800	80
J 480460	-30 50.5	140 45.7	7.50	-62.75	26560	26330	3470	-91940	98010	60
J 480461	-31 43.3	141 34.1	7.50	-63.30	25970	25740	3400	-91940	97750	270
J 480462	-31 32.5	141 39.5	97.60	-63.15	26140	-3430	25820	-91480	97690	270
J 480463	-31 24.4	141 30.7	97.95	-63.00	26110	-3590	25860	-91300	97560	270
J 480464	-31 13.0	141 30.5	97.75	-62.95	26150	-3510	25910	-91840	97530	270
J 480465	-31 5.4	141 42.5	97.60	-62.75	26260	-3460	26030	-91250	97490	220
J 480466	-30 50.2	141 48.1	7.45	-62.75	26160	26140	3430	-91190	97580	140
J 480467	-30 40.8	141 47.9	7.30	-62.70	26410	26230	3360	-91220	97630	140
J 480468	-30 53.8	141 51.6	7.75	-62.75	26210	26270	3570	-91450	97880	50

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STATION AREA	YR	NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	W	X	Y	Z	F	EL METRES
J	680469		-38 49.8	141 16.4	7.60	-62.50	26700	26470	3940	-51260	57800	90
J	680470		-38 42.8	141 23.9	7.65	-62.40	26640	26410	3940	-50820	57470	100
J	680471		-38 43.0	141 38.5	7.55	-62.50	26510	26280	3490	-50800	57390	140
J	680472		-38 41.3	141 54.9	8.20	-62.30	26410	26530	3830	-51040	57690	120
J	680473		-38 36.8	141 59.9	8.10	-62.05	26470	26600	3790	-50690	57370	150
J	680474		-38 26.3	142 1.7	98.15	-61.75	27030	-3820	26760	-50330	57130	110
J	680475		-38 16.3	142 6.0	97.95	-61.65	27060	-3730	26800	-50190	57020	90
J	680476		-38 3.0	142 1.8	98.15	-61.55	27140	-3830	26860	-50060	56940	110
F	680477		-29 53.6	142 1.3	98.05	-61.50	27110	-3790	26840	-49950	56830	120
F	680478		-29 43.1	142 11.7	7.65	-61.35	27230	26990	3630	-49830	56790	140
F	680479		-29 41.0	142 22.7	7.50	-61.30	27240	27000	3600	-49710	56690	130
F	680480		-29 42.1	142 34.1	7.70	-61.40	27240	26990	3640	-49710	56690	100
F	680481		-29 44.2	142 45.3	7.70	-61.30	27220	26970	3640	-49700	56660	90
F	680482		-29 43.3	142 56.7	7.80	-61.20	27270	27020	3690	-49630	56630	90
F	680483		-29 42.9	143 11.2	7.80	-61.20	27280	27020	3710	-49630	56640	140
F	680484		-29 51.0	144 6.5	8.50	-61.25	27250	26990	4020	-49640	56650	120
J	680485		-30 0.0	144 6.1	98.40	-61.45	27130	-3940	26840	-49830	56740	120
J	680486		-30 8.9	143 58.3	98.40	-61.55	27060	-3950	26770	-49950	56810	120
J	680487		-30 15.0	143 51.7	98.50	-61.65	27030	-3940	26720	-50090	56910	120
J	680488		-30 23.0	143 46.0	98.50	-61.90	26920	-3970	26630	-50240	57010	120
J	680489		-30 32.6	143 41.6	98.45	-61.95	26930	-3930	26530	-50340	57080	110
J	680490		-30 26.3	142 17.0	8.15	-61.85	26900	26630	3820	-50330	57060	120
J	680491		-30 26.8	142 24.4	7.80	-62.00	26900	26550	3640	-50420	57100	140
J	680492		-30 40.2	142 32.1	7.85	-62.20	26730	26480	3650	-50640	57260	170
J	680493		-30 46.4	142 40.7	7.75	-62.30	26630	26380	3590	-50730	57300	210
J	680494		-30 49.3	142 52.0	7.70	-62.40	26590	26350	3570	-50850	57390	180
J	680495		-30 51.3	143 5.8	8.15	-62.35	26430	26340	3780	-50810	57360	140
J	680496		-30 50.7	143 16.7	8.35	-62.30	26450	26360	3880	-50740	57310	140
J	680497		-30 54.6	143 27.7	98.45	-62.35	26410	-3910	26320	-50810	57360	130
J	680498		-31 7.3	143 30.3	98.70	-62.40	26420	-3960	26120	-51020	57460	90
J	680499		-31 16.3	143 28.9	98.65	-62.55	26260	-3930	25960	-51190	57530	130
J	680500		-31 26.1	143 40.0	8.30	-62.95	26170	25930	3770	-51290	57570	70
J	680501		-31 25.8	143 55.4	8.35	-62.85	26240	25960	3800	-51200	57530	80
J	680502		-31 16.9	144 3.0	8.35	-62.70	26360	26080	3820	-51040	57440	90
J	680503		-31 7.6	144 12.5	8.35	-62.50	26480	26270	3860	-50840	57340	90
J	680504		-31 4.9	144 22.0	8.50	-62.40	26440	26250	3930	-50780	57300	90
J	680505		-30 54.8	144 31.4	8.60	-62.25	26440	26340	3990	-50620	57200	90
J	680506		-30 56.1	144 43.0	8.70	-62.10	26720	26420	4030	-50900	57130	90
J	680507		-30 39.3	144 56.7	8.80	-61.95	26820	26500	4090	-50310	57010	90
J	690001		-34 7.3	149 4.0	11.50	-65.75	24180	23690	4810	-53710	58900	640
J	690002		-34 50.4	149 1.7	11.20	-65.65	24330	23870	4740	-53720	58970	580
J	690003		-34 49.4	149 6.1	11.35	-65.45	24480	24000	4820	-53520	58850	550
J	690004		-34 40.4	149 17.0	11.35	-65.40	24500	24030	4800	-53460	58910	610
J	690005		-34 47.2	149 28.7	11.50	-65.35	24510	24020	4880	-53350	58710	690
J	690006		-34 46.3	149 41.0	11.35	-65.25	24550	24070	4830	-53260	58640	600
J	690007		-34 44.0	149 58.7	11.60	-65.20	24430	24170	4940	-53250	58650	670
J	690008		-34 36.3	150 14.2	11.05	-64.95	24770	24310	4740	-52890	58490	700
J	690009		-34 26.7	150 21.1	11.20	-65.10	24740	24270	4800	-53100	58580	670
J	690010		-34 21.1	150 33.1	11.70	-64.85	24790	24320	4810	-52820	58350	550
J	690011		-34 11.4	150 37.4	11.35	-64.60	24940	24450	4910	-52560	58180	270
J	690012		-34 2.7	150 46.4	11.55	-64.50	25030	24570	5000	-52420	58080	110
J	690013		-33 29.3	151 15.1	11.75	-64.40	25440	24910	5170	-52100	57970	50
J	690014		-33 19.0	151 25.1	11.60	-63.60	25440	25020	5130	-51930	57870	140
J	690015		-33 11.0	151 35.9	11.65	-63.60	25470	25140	5190	-51730	57750	60
J	690016		-33 2.4	151 55.6	11.55	-63.20	25740	25220	5160	-51540	57650	0
J	690017		-32 49.7	151 41.3	11.55	-63.25	25720	25390	5190	-51410	57580	10

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STATION AREA	YR	NO	LAT DEG MIN	LONG DEG MIN	N DEG	E DEG	X	Y	Z	F	EL METRES	
J	690018		-32 41.9	151 49.9	11.55	-62.65	26700	25670	9250	-91060	57390	20
J	690019		-32 37.7	151 59.8	11.50	-62.90	26180	25650	9210	-91170	57480	60
J	690020		-32 29.7	152 12.2	11.75	-62.70	26100	25740	9360	-90950	57330	50
J	690021		-32 20.6	152 15.9	11.60	-62.55	26130	25790	9300	-90730	57150	80
J	690022		-32 12.0	152 18.8	11.60	-62.45	26390	25860	9300	-90960	57040	90
J	690023		-32 2.4	152 27.5	11.45	-62.25	26520	26000	9260	-90410	56970	70
J	690024		-32 44.9	151 27.2	10.80	-63.45	25590	25130	4790	-91210	57250	70
J	690025		-32 39.2	151 15.9	11.00	-63.10	25980	25900	4950	-91250	57460	80
J	690026		-32 31.8	151 7.8	10.00	-63.15	25940	25550	4490	-91270	57450	80
J	690027		-32 24.2	150 59.7	10.60	-62.95	25990	25540	4780	-90880	57130	90
J	690028		-32 19.0	150 49.0	10.85	-63.00	26100	25630	4900	-91180	57450	150
J	690029		-32 24.8	150 41.9	11.10	-63.05	26010	25570	5010	-91100	57340	120
J	690030		-32 24.9	150 29.0	11.00	-63.25	25890	25410	4950	-91390	57540	210
J	690031		-32 29.9	150 17.9	10.55	-63.10	26030	25590	4780	-91360	57580	140
J	690032		-32 27.0	150 4.7	10.55	-63.30	25770	25340	4720	-91290	57400	310
J	690033		-32 37.8	150 4.1	10.45	-63.50	25700	25280	4660	-91560	57610	450
J	690034		-32 42.9	149 58.9	10.20	-63.60	25930	25130	4520	-91470	57410	980
J	690035		-32 54.8	149 56.3	10.90	-63.60	25550	25090	4830	-91460	57450	720
J	690036		-32 59.8	149 46.7	11.15	-63.65	25960	25080	4940	-91600	57590	890
J	690037		-33 0.1	149 41.7	10.95	-63.65	25720	25250	4880	-91690	57920	810
J	690038		-33 10.8	149 38.8	11.35	-63.90	25920	25020	5030	-92040	57960	660
J	690039		-33 37.9	149 47.1	11.45	-64.40	24780	24490	4950	-92100	57780	980
J	690040		-33 42.8	149 49.0	11.35	-65.10	24990	24110	4850	-92940	58380	1130
J	690041		-33 52.9	149 45.3	11.50	-65.30	24930	24040	4890	-93350	58720	1220
J	690042		-34 11.7	149 44.4	11.30	-64.70	24490	24410	4880	-92710	58290	670
J	690043		-34 22.8	149 49.2	11.75	-65.20	24710	24190	5040	-93480	58910	790
J	690044		-34 33.9	149 48.9	11.45	-65.15	24440	24190	4880	-93220	58650	870
J	690045		-34 40.6	148 50.2	10.90	-65.50	24360	23920	4610	-93460	58750	690
J	690046		-34 49.0	148 36.9	10.70	-65.60	24280	23860	4510	-93560	58810	460
J	690047		-34 48.9	148 24.3	10.60	-65.60	24300	23890	4470	-93620	58870	340
J	690048		-34 53.3	148 13.4	10.85	-65.50	24470	24030	4600	-93630	58950	390
J	690049		-35 2.8	148 6.5	10.60	-65.60	24410	23990	4480	-93860	59130	270
J	690050		-35 8.8	147 59.9	10.90	-65.95	24740	23800	4550	-93870	58990	260
J	690051		-35 14.2	147 47.2	10.80	-66.10	23950	23510	4500	-94070	59140	340
J	690052		-35 8.4	147 33.1	10.65	-66.10	23970	23550	4430	-94070	59150	240
J	690053		-35 4.6	147 23.3	10.30	-66.30	24080	23670	4310	-93990	59100	230
J	690054		-34 55.7	147 28.0	10.25	-66.90	24200	23810	4310	-93870	59050	270
J	690055		-34 47.8	147 32.4	10.05	-65.75	24280	23860	4220	-93770	58980	260
J	690056		-34 17.8	147 32.1	10.25	-65.65	24310	23920	4330	-93710	58950	310
J	690057		-34 22.7	147 31.4	9.55	-65.50	24220	23890	4010	-93140	58400	260
J	690058		-34 15.0	147 26.7	10.65	-65.55	24700	24040	4530	-93750	59060	250
J	690059		-34 2.1	147 20.8	10.70	-65.45	24650	24220	4580	-93940	59300	230
J	690060		-33 52.9	147 16.1	10.30	-64.95	25270	24860	4530	-94110	59720	250
J	690061		-33 49.7	147 27.5	11.60	-65.50	24550	24090	4930	-93690	59220	220
J	690062		-33 50.6	147 41.8	11.00	-64.80	24850	24390	4740	-92780	58340	230
J	690063		-33 50.0	147 54.5	10.90	-64.70	24940	24490	4710	-92700	58300	240
J	690064		-33 51.0	148 5.2	11.30	-64.20	24580	24110	4810	-93230	58640	310
J	690065		-33 54.8	148 17.1	10.40	-64.05	24900	24390	4480	-92810	58360	370
J	690066		-33 54.8	148 27.4	11.45	-65.05	24720	24230	4910	-93160	58620	460
J	690067		-33 50.9	148 38.9	11.50	-64.65	25180	24670	5020	-93100	58760	320
J	690068		-33 43.4	148 49.6	11.40	-64.45	25280	24760	5000	-92780	58920	480
J	690069		-33 40.9	149 0.7	11.25	-64.50	24980	24480	4860	-92330	57980	680
J	690070		-33 36.0	149 10.5	11.35	-64.35	25070	24580	4940	-92230	57950	820
J	690071		-33 50.0	149 20.8	10.55	-64.30	25400	24970	4660	-92100	57960	980
J	690072		-33 26.9	149 30.3	10.90	-64.45	25080	24630	4750	-92450	58140	670
J	690073		-33 20.1	149 40.4	11.05	-64.50	25090	24630	4800	-92600	58280	960

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
J 490074	-33 27.0	149 59.9	10.70	-64.00	25510	25070	4740	-92300	58190	1100
J 490075	-33 32.7	150 10.3	10.20	-64.13	25340	24940	4490	-92180	58010	730
J 490077	-33 52.9	150 40.3	11.15	-64.50	25150	24590	4840	-92490	58170	60
J 490078	-34 34.6	150 46.5	11.85	-65.15	24510	23990	5030	-92890	58340	30
J 490079	-34 43.6	150 49.6	11.65	-65.30	24470	23970	4940	-93190	58550	20
J 490080	-34 46.2	150 37.7	11.65	-66.00	24330	23830	4910	-93470	59270	80
J 490081	-34 56.2	150 34.5	11.65	-69.40	24480	23970	4940	-93410	58750	60
J 490082	-35 1.9	151 26.0	11.50	-65.55	24370	23480	4870	-93600	58880	80
J 490083	-35 17.7	150 26.1	11.55	-64.65	25040	24330	5010	-92810	58455	70
J 490084	-35 26.0	150 21.5	11.75	-65.85	24120	23610	4910	-93770	58930	50
J 490085	-35 35.8	150 15.3	11.75	-65.95	24070	23560	4910	-93810	59040	50
J 490086	-35 34.0	150 2.6	11.85	-65.80	24280	23760	4990	-94060	59260	120
J 490087	-35 29.6	149 50.0	12.35	-65.85	24100	23550	5150	-93780	58940	780
J 490088	-35 24.2	149 45.9	11.55	-65.90	24290	23800	4870	-94340	59520	640
J 490089	-35 14.5	149 36.3	11.35	-65.70	24250	23780	4770	-94710	58930	760
J 490090	-36 13.2	147 14.1	11.10	-66.85	23400	22960	4510	-94710	59500	210
J 490091	-36 22.8	147 16.4	10.90	-67.00	23360	22940	4420	-95060	59810	210
J 490092	-36 36.6	147 21.0	11.00	-67.25	23110	22680	4410	-95140	59780	250
J 490093	-36 40.7	147 26.3	11.05	-67.35	23020	22590	4420	-95220	59820	440
J 490094	-36 51.8	147 29.3	11.20	-67.55	22980	22450	4440	-95400	59940	820
J 490095	-37 4.7	147 35.6	11.55	-67.80	22740	22280	4550	-95740	60200	600
J 490096	-37 11.9	147 43.3	11.75	-67.90	22660	22180	4620	-95870	60290	400
J 490097	-37 20.9	147 47.6	12.20	-67.85	22730	22270	4810	-95840	60290	310
J 490098	-37 30.7	147 50.5	12.30	-68.20	22550	22030	4800	-96430	60770	150
J 490099	-37 41.2	147 50.7	11.45	-68.15	22530	22090	4470	-96140	60490	110
J 490100	-37 41.6	148 2.5	11.70	-68.20	22460	21990	4550	-96150	60470	200
J 490101	-37 45.2	148 32.4	11.80	-68.25	22410	21930	4580	-96260	60500	40
J 490102	-37 42.5	148 31.7	11.90	-68.10	22540	22060	4650	-96040	60400	20
J 490103	-37 41.9	148 43.2	12.30	-68.00	22670	22150	4830	-96100	60510	50
J 490104	-37 36.6	148 54.3	12.25	-67.95	22660	22140	4810	-95990	60400	70
J 490105	-37 34.4	149 7.7	12.35	-67.85	22760	22240	4870	-95950	60410	60
J 490106	-37 33.8	149 20.4	12.35	-67.85	22780	22250	4880	-95930	60390	310
J 490107	-37 29.3	149 33.0	12.35	-67.75	22770	22250	4870	-95850	60130	60
J 490108	-37 22.5	149 42.2	12.25	-67.60	22860	22340	4860	-95440	59990	60
J 490109	-37 14.6	149 49.2	12.40	-67.50	22940	22400	4930	-95410	59970	80
J 490110	-37 5.0	149 52.0	12.95	-67.35	23060	22470	5160	-95240	59860	60
J 490111	-36 55.5	149 53.6	13.05	-67.25	23120	22520	5230	-95090	59750	40
J 490112	-36 47.4	149 48.5	11.25	-67.10	23210	22760	4530	-94980	59680	140
J 490113	-36 39.5	149 49.3	11.60	-67.05	23390	22910	4710	-95240	59990	150
J 490114	-36 28.1	149 51.8	12.15	-66.80	23470	22950	4920	-94800	59620	170
J 490115	-36 20.9	150 0.8	12.35	-67.00	23140	22600	4950	-94490	59200	60
J 490116	-36 11.6	150 7.2	11.75	-66.30	23480	23340	4860	-94420	59430	20
J 490117	-36 1.6	150 6.3	11.05	-66.60	23560	23170	4500	-94480	59350	30
J 490118	-35 51.2	150 7.9	11.90	-66.15	23930	23430	4940	-94190	59250	60
J 490119	-35 40.6	149 34.6	11.60	-67.05	23340	22860	4690	-95070	59810	210
J 490120	-36 35.4	149 19.2	11.75	-67.00	23290	22800	4750	-94860	59620	1100
J 490122	-36 55.8	149 13.3	101.30	-67.30	23070	22520	4520	-95200	59820	730
J 490123	-37 3.5	148 48.0	12.10	-67.40	23020	22510	4820	-95810	59910	760
J 490124	-37 0.1	148 45.5	12.15	-67.65	22400	22350	4810	-95600	60120	850
J 490126	-37 21.5	148 41.2	12.20	-67.40	22770	22250	4800	-95820	60280	270
J 490127	-37 34.6	148 33.5	4.00	-67.90	22880	22670	1580	-95690	60310	160
J 490128	-37 49.3	147 49.9	11.65	-68.35	22150	21880	4520	-96840	60520	20
J 490129	-37 54.0	147 29.5	11.70	-68.40	22350	21870	4530	-96340	60600	60
J 490130	-37 55.5	147 15.2	11.70	-68.50	22250	21780	4520	-96460	60620	60
J 490131	-37 59.7	147 4.0	11.55	-68.65	22160	21710	4430	-96630	60810	10
J 490132	-38 0.6	146 54.0	11.45	-68.65	22130	21680	4400	-96650	60820	30

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TWIN ORDER RESULTS ADJUSTED TO 1976.0

STATION AREA YR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	H	X	Y	Z	F	EL METRES
J 490133	-34 9,7	146 42,7	11,55	-68,75	22070	21670	4420	-56720	60860	40
J 490134	-38 12,8	146 28,6	11,60	-68,75	22160	21610	4440	-56710	60860	60
J 490135	-38 8,9	146 13,6	11,50	-68,10	22790	22330	4940	-56890	61090	70
J 490136	-37 58,8	146 22,6	12,20	-68,95	22430	21930	4730	-57050	61300	380
J 490137	-37 50,0	146 25,2	11,30	-68,50	22760	21830	4360	-56450	60680	650
J 490138	-37 42,9	146 21,7	12,30	-68,25	22480	21960	4700	-56390	60710	950
J 490139	-37 32,0	146 13,2	11,00	-68,20	22460	22040	4290	-56160	60480	1010
J 490140	-37 24,8	146 12,4	10,80	-68,10	22530	22130	4220	-56030	60390	310
J 490141	-37 14,6	146 8,3	10,85	-68,00	22420	22210	4260	-55930	60330	260
J 490142	-37 4,1	146 7,0	10,70	-67,40	22860	22270	4210	-55770	60200	270
J 490143	-36 50,8	145 59,8	10,90	-67,75	22810	22400	4320	-55710	60200	270
J 490144	-36 42,0	145 59,2	10,80	-67,25	22930	22520	4300	-55560	60110	210
J 490145	-36 34,7	146 0,3	11,50	-67,40	23050	22590	4500	-55350	59960	170
J 490146	-36 27,7	146 11,7	11,40	-68,90	23180	22720	4580	-54310	59050	200
J 490147	-36 19,8	146 22,0	10,95	-68,95	23260	22830	4420	-54880	59420	140
J 490148	-36 11,2	146 27,9	11,00	-67,05	23330	22900	4450	-55060	59800	190
J 490149	-36 8,8	146 38,8	11,05	-66,80	23400	22970	4480	-54860	59460	220
J 490150	-36 8,0	146 50,8	11,15	-66,90	23340	22900	4520	-54800	59560	210
J 490151	-35 57,3	147 6,0	10,75	-66,80	23470	23060	4370	-54780	59600	140
J 490152	-35 50,9	147 15,8	9,70	-66,75	23570	15240	17900	-54860	59710	260
J 490153	-35 40,1	147 26,2	10,90	-66,50	23720	23300	4400	-54910	59450	210
J 490154	-35 31,9	147 33,0	10,95	-66,30	23840	23410	4920	-54360	59360	350
J 490155	-35 21,8	147 33,5	11,05	-66,20	23930	23490	4500	-54210	59260	200
J 490156	-35 14,2	147 6,7	10,85	-65,95	24140	23710	4540	-54020	59170	140
J 490157	-35 1,3	146 58,0	10,70	-65,90	24160	23740	4490	-54040	59200	160
J 490158	-34 58,7	146 44,4	10,60	-65,90	24180	23770	4440	-54040	59200	160
J 490159	-34 50,9	146 39,0	10,55	-65,80	24250	23840	4440	-53840	59140	160
J 490160	-34 52,8	146 24,3	10,40	-65,85	24230	23830	4380	-54000	59180	160
J 490161	-34 54,0	146 19,9	10,50	-65,90	24170	23770	4410	-54050	59210	130
J 490162	-35 6,3	146 5,9	10,40	-66,35	24070	23680	4360	-54200	59310	130
J 490163	-35 10,2	145 54,1	10,55	-66,05	23940	23530	4390	-53870	58950	130
J 490164	-35 18,8	145 47,3	10,40	-66,90	23710	23320	4280	-54970	59500	130
J 490165	-35 28,2	145 40,5	10,00	-66,90	23750	23390	4120	-54620	59560	130
J 490166	-35 40,0	145 33,3	10,00	-66,65	23840	23280	4110	-54770	59660	90
J 490167	-35 50,0	145 33,8	10,25	-66,80	23550	23170	4140	-54080	59810	90
J 490168	-36 0,9	145 22,7	10,00	-67,35	23340	22990	4060	-55120	59850	90
J 490169	-36 9,7	145 25,7	10,05	-67,15	23270	22920	4060	-55220	59920	80
J 490170	-36 18,8	145 25,0	10,40	-67,30	23140	22740	4170	-55300	59950	90
J 490171	-36 24,8	145 33,5	10,45	-67,35	23120	22730	4200	-55370	60000	120
J 490172	-36 22,8	145 47,5	10,55	-67,35	23100	22710	4230	-55390	60010	130
J 490173	-36 30,8	145 49,5	10,75	-67,45	23060	22650	4300	-55540	60130	180
J 490174	-36 41,7	145 40,2	10,75	-67,45	23040	22630	4290	-55490	60080	190
J 490175	-36 47,3	145 24,2	10,50	-67,55	22980	22600	4180	-55610	60170	200
J 490176	-36 52,3	145 17,7	10,40	-67,85	22790	22410	4120	-55940	60400	210
J 490177	-37 0,4	145 9,1	10,35	-67,95	22690	22320	4080	-56020	60440	160
J 490178	-37 9,8	145 16,4	10,65	-68,20	22500	22120	4160	-56230	60560	190
J 490179	-37 18,9	145 27,6	10,60	-68,10	22550	22160	4150	-56150	60510	210
J 490180	-37 24,8	145 27,7	10,60	-68,20	22500	22110	4140	-56810	60840	260
J 490181	-37 42,6	144 48,7	10,05	-68,25	22780	21940	3900	-56740	60960	90
J 490182	-37 38,2	144 37,7	10,20	-68,40	22300	22030	3970	-56490	60750	430
J 490183	-37 19,9	144 30,9	10,75	-68,35	22160	21970	4170	-56970	60570	540
J 490184	-37 12,0	144 23,8	10,70	-68,40	22370	21940	4160	-56930	60790	490
J 490185	-37 3,0	144 17,1	10,35	-68,05	22630	22260	4080	-56180	60560	390
J 490186	-36 58,7	144 12,6	10,20	-67,90	22730	22370	4020	-56030	60460	290
J 490187	-36 40,4	144 19,5	10,20	-67,75	22470	22310	4050	-55870	60370	200
J 490188	-36 30,2	144 32,7	10,95	-67,55	23160	22640	4380	-55730	60310	150

THIRD ORDER RESULTS ADJUSTED TO 1970,0

STATION AREA VR NO	LAT DEG MIN	LONG DEG MIN	D SEC	I SEC	U	X	Y	Z	F	EL METRES
J 490189	-36 27,0	144 38,1	10,15	-67,55	23000	27040	4060	-95680	60240	150
J 490190	-36 18,0	144 41,3	9,90	-67,40	23130	27790	3990	-95980	60200	140
J 490191	-36 8,9	144 14,0	10,35	-67,20	23770	27840	4180	-95380	60070	120
J 490192	-36 0,0	144 40,5	10,10	-67,10	23370	23000	4090	-95340	60070	100
J 490193	-35 51,0	144 54,3	9,80	-66,85	23540	23200	4010	-95070	59890	100
J 490194	-35 41,0	144 55,2	9,95	-66,75	23570	23220	4080	-94890	59740	80
J 490195	-35 44,8	144 47,3	9,95	-66,65	23440	23290	4080	-94800	59680	90
J 490196	-35 29,0	144 52,6	10,10	-66,60	23700	23330	4150	-94740	59650	90
J 490197	-35 15,8	144 55,8	9,50	-66,45	23830	23510	3940	-94690	59620	90
J 490198	-35 4,0	144 48,4	9,75	-66,20	24010	23660	4060	-94490	59540	90
J 490199	-34 50,0	144 45,5	9,75	-66,05	24100	23750	4070	-94300	59410	90
J 490200	-34 45,3	144 46,7	9,75	-65,95	24190	23840	4100	-94140	59320	90
J 490201	-34 35,1	144 49,5	9,70	-65,80	24270	23930	4090	-93990	59200	90
J 490202	-34 44,0	146 20,2	10,25	-65,70	24330	23940	4320	-93860	59100	140
J 490203	-34 39,9	146 10,0	10,20	-65,70	24300	23920	4300	-93860	59090	130
J 490204	-34 35,9	145 59,3	10,10	-65,70	24360	23990	4270	-93900	59150	130
J 490205	-34 34,7	145 48,6	9,95	-65,70	24360	23990	4220	-93880	59130	120
J 490206	-34 29,0	145 37,5	9,95	-65,60	24410	24050	4210	-93870	59150	120
J 490207	-34 24,0	145 25,2	9,75	-65,65	24390	24040	4120	-93850	59110	110
J 490208	-34 10,0	145 14,4	9,95	-65,70	24300	23930	4200	-93870	59090	100
J 490209	-34 29,0	145 0,7	9,75	-65,80	24250	23900	4110	-93970	59170	100
J 490210	-34 14,7	145 3,8	9,75	-65,60	24440	24090	4130	-93820	59110	90
J 490211	-34 12,2	145 10,6	9,70	-65,40	24560	24210	4140	-93650	59010	100
J 490212	-34 4,9	145 20,4	9,80	-65,10	24630	24270	4190	-93530	58920	110
J 490213	-34 2,5	145 31,6	9,90	-65,20	24690	24320	4250	-93430	58860	100
J 490214	-33 54,8	145 42,0	9,90	-65,10	24760	24390	4270	-93340	58800	120
J 490215	-33 50,5	145 52,0	9,90	-65,05	24790	24420	4260	-93320	58800	160
J 490216	-33 54,9	146 4,0	9,90	-65,00	24850	24480	4270	-93240	58760	200
J 490217	-33 50,9	146 15,0	10,00	-64,95	24880	24500	4320	-93170	58700	250
J 490218	-33 52,4	146 27,6	10,10	-64,90	24860	24470	4370	-93100	58630	200
J 490219	-33 53,8	146 39,6	10,15	-64,95	24800	24410	4360	-93040	58590	260
J 490220	-33 50,0	146 49,5	10,10	-64,85	24960	24480	4350	-92900	58490	320
J 490221	-33 34,7	147 34,2	10,10	-64,75	25040	24650	4380	-93040	58650	210
J 490222	-33 33,4	147 42,7	10,05	-64,65	25080	24640	4380	-92920	58580	230
J 490223	-33 28,6	147 53,0	10,95	-64,65	24930	24480	4730	-92610	58220	210
J 490224	-33 24,7	148 3,2	10,85	-64,25	25200	24740	4740	-92890	58050	240
J 490225	-33 14,0	148 7,8	11,00	-64,10	25290	24670	4820	-92120	57940	310
J 490226	-33 4,2	148 11,0	11,15	-63,65	25400	24980	4930	-91840	57750	370
J 490226	-32 53,9	148 14,0	11,70	-63,60	25730	25190	5210	-91800	57840	320
J 490227	-32 44,0	148 11,1	10,95	-63,40	25660	25390	4900	-91650	57760	270
J 490228	-32 33,0	148 13,6	10,95	-63,35	25940	25370	4920	-91550	57660	280
J 490229	-32 11,7	148 21,5	10,10	-63,25	25900	25500	4550	-91890	57540	350
J 490230	-32 14,9	148 31,4	10,17	-63,00	26000	25600	4570	-91080	57320	300
J 490231	-32 14,7	148 44,6	10,70	-63,10	25950	25900	4810	-91100	57310	400
J 490232	-32 20,7	148 52,3	10,25	-63,10	25860	25470	4620	-91060	57240	340
J 490233	-32 15,0	148 57,0	10,10	-63,30	25930	25530	4540	-91910	57670	310
J 490234	-32 42,9	148 55,9	10,10	-64,45	25720	24830	4390	-92290	57970	420
J 490235	-32 54,0	148 53,5	11,30	-63,80	25770	25070	5010	-91970	57920	460
J 490236	-33 4,8	148 50,4	9,60	-64,10	25380	25030	4230	-92240	58110	530
J 490237	-33 14,8	149 2,9	11,60	-63,80	25510	25080	5140	-92090	58040	720
J 490238	-33 21,0	149 10,5	10,80	-63,90	25220	24800	4730	-91600	57440	690
J 490239	-32 22,0	149 7,6	10,60	-63,15	26140	25700	4810	-91610	57650	580
J 490240	-32 24,7	149 19,8	10,65	-63,05	25930	25480	4800	-91050	57250	360
J 490241	-32 24,6	149 30,0	10,60	-63,05	25450	25410	4750	-90870	57060	430
J 490242	-32 14,2	149 26,0	10,65	-63,00	25460	25420	4780	-90740	56950	430
J 490243	-32 2,4	149 29,0	9,90	-62,90	26050	25670	4480	-90930	57200	380

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	TR	NO	LAT DEG	MIN	LONG DEG	MIN	D DEG	I DEG	U	X	Y	Z	F	EL METRES
J	690244		-31	50.3	149	38.4	10.45	-62.80	26150	25710	4740	-50820	57240	430
J	690245		-31	47.3	149	43.0	10.30	-62.40	26510	26090	4740	-50870	57190	630
J	690246		-31	37.8	149	45.5	10.70	-62.50	26300	25840	4880	-50920	56960	970
J	690247		-31	27.8	149	49.2	10.30	-62.15	26540	26110	4740	-50840	56810	380
J	690248		-31	17.0	149	50.4	10.25	-62.05	26580	26150	4730	-50130	56740	370
J	690249		-31	51.7	148	38.5	10.00	-62.80	26350	25950	4570	-50810	57240	310
J	690250		-32	1.1	148	34.3	10.30	-62.75	26760	25840	4700	-51010	57380	290
J	690251		-32	0.9	148	36.8	10.10	-63.15	26010	25610	4570	-51840	57550	250
J	690252		-32	15.8	148	19.0	10.00	-63.10	26000	25610	4520	-51840	57460	240
J	690253		-32	10.2	148	10.3	10.80	-62.95	26100	25640	4890	-51140	57420	240
J	690254		-32	2.8	148	0.6	10.05	-62.90	26110	25710	4550	-50870	57270	210
J	690255		-31	55.8	147	51.5	10.25	-62.90	26180	25770	4660	-51160	57470	210
J	690256		-32	0.0	147	50.6	10.15	-63.40	26050	25640	4590	-51820	57990	210
J	690257		-32	14.4	147	40.9	9.80	-63.25	25960	25580	4430	-51920	57690	220
J	690258		-32	20.5	147	31.7	9.90	-63.50	25780	25390	4440	-51710	57780	220
J	690259		-32	20.6	147	33.2	9.65	-63.45	25820	25460	4330	-51660	57750	240
J	690260		-32	30.8	147	32.3	9.55	-63.50	25820	25460	4280	-51750	57830	240
J	690261		-32	45.6	147	27.0	11.80	-64.00	25410	24870	5190	-52110	57980	260
J	690262		-32	55.8	147	26.0	9.35	-63.85	25480	25140	4150	-51810	57830	260
J	690263		-32	50.8	147	18.0	9.70	-63.85	25560	25190	4300	-52110	58040	220
J	690264		-33	47.3	147	6.5	9.95	-64.75	24970	24590	4320	-52930	58530	290
J	690265		-33	36.8	147	5.3	10.00	-64.40	25030	24650	4360	-52760	58390	230
J	690266		-33	20.5	147	8.0	9.90	-64.45	25080	24710	4300	-52920	58200	230
J	690267		-33	20.3	147	5.8	9.95	-64.40	25140	24770	4350	-52450	58170	210
J	690268		-33	10.8	147	6.5	9.90	-64.30	25310	24930	4350	-52940	58320	200
J	690269		-32	55.0	147	4.5	10.20	-63.95	25470	25070	4510	-52090	57980	230
J	690270		-32	44.9	146	59.0	10.30	-63.80	25560	25140	4580	-51890	57840	250
J	690271		-32	36.0	146	51.8	7.90	-64.70	24590	24360	3380	-52020	57540	270
J	690272		-32	27.8	146	46.0	10.20	-63.45	25470	25440	4580	-51800	57900	300
J	690273		-32	18.7	146	41.5	10.25	-63.40	25470	25440	4610	-51630	57750	340
J	690274		-32	14.8	146	29.6	10.05	-63.30	25950	25540	4520	-51980	57740	340
J	690275		-32	7.4	146	22.3	9.75	-63.70	26000	25620	4410	-51490	57680	350
J	690276		-32	3.2	146	11.3	9.60	-63.20	26010	25650	4330	-51490	57680	290
J	690277		-32	2.6	145	59.5	9.50	-63.15	26050	25690	4310	-51450	57670	270
J	690278		-31	41.5	145	54.4	9.50	-62.85	26250	25890	4340	-51160	57500	230
J	690279		-31	50.8	145	58.2	9.60	-62.80	26350	25940	4400	-51220	57600	240
J	690280		-32	10.5	146	3.2	9.60	-63.30	25990	25620	4340	-51630	57800	260
J	690281		-32	19.3	146	1.2	9.50	-63.10	26200	25840	4340	-51620	57890	310
J	690282		-32	30.4	145	56.7	9.70	-63.70	25490	25330	4320	-51940	57950	260
J	690283		-32	30.4	145	54.7	9.40	-62.55	26780	26420	4360	-51950	58090	240
J	690284		-32	40.2	145	52.9	9.55	-64.00	25490	25130	4220	-52210	58100	210
J	690285		-32	57.5	145	53.2	9.60	-64.25	25400	24940	4210	-52440	58260	200
J	690286		-33	0.5	145	52.5	9.65	-64.30	25300	24950	4230	-52550	58320	170
J	690287		-33	5.7	146	57.0	9.90	-64.10	25400	25020	4370	-52290	58140	170
J	690288		-33	4.8	146	45.6	10.05	-64.05	25450	25040	4440	-52340	58200	180
J	690289		-33	0.4	146	33.5	9.95	-64.15	25370	24940	4380	-52340	58200	180
J	690290		-33	14.4	146	28.2	10.05	-64.35	25250	24860	4410	-52940	58330	180
J	690291		-33	19.3	146	19.7	9.75	-64.30	25250	24890	4270	-52440	58210	230
J	690292		-33	20.9	146	8.6	9.75	-64.25	25360	25010	4290	-52630	58430	210
J	690293		-33	24.8	145	54.5	9.65	-64.55	25110	24750	4210	-52750	58420	190
J	690294		-33	23.8	145	49.0	9.75	-64.55	25120	24740	4260	-52740	58430	180
J	690295		-33	28.7	145	34.1	9.70	-64.65	25070	24710	4230	-52890	58540	150
J	690296		-33	33.0	145	26.4	9.65	-64.70	25130	24680	4190	-52940	58590	120
J	690297		-33	40.2	145	15.7	9.45	-64.90	24870	24530	4090	-53130	58660	110
J	690298		-33	47.2	145	6.1	9.50	-64.00	24420	24480	4100	-53270	58770	110
J	690299		-33	50.9	144	55.6	9.55	-64.10	24760	24420	4100	-53350	58820	100

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STATION AREA VR NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	U	X	Y	Z	F	EL METRES
J 690300	-34 24,3	144 49,3	9,65	-64,65	2417J	24030	4090	-93840	59100	90
J 690301	-34 15,0	144 44,5	9,65	-65,50	24490	24140	4100	-93740	59060	90
J 690302	-34 4,5	144 48,5	9,50	-65,30	24430	24290	4070	-93600	58990	90
J 690303	-33 42,0	144 50,3	9,50	-65,10	24450	24510	4110	-93260	58770	100
J 690304	-33 32,2	144 45,3	9,45	-64,85	24950	24610	4110	-93130	58700	100
J 690305	-33 24,4	144 40,3	9,30	-64,70	25150	24720	4040	-93020	58640	90
J 690306	-33 10,3	144 34,0	9,25	-64,65	25090	24760	4030	-92940	58580	90
J 690307	-33 7,4	144 32,7	9,95	-64,35	25280	24970	3930	-92670	58420	90
J 690308	-33 0,2	144 27,5	9,10	-64,40	25270	24950	4000	-92740	58480	90
J 690309	-32 54,6	144 18,5	9,05	-64,30	25320	25000	3980	-92960	58360	90
J 690310	-32 49,9	144 27,4	9,10	-64,15	25400	25060	4010	-92470	58300	90
J 690311	-32 41,5	144 35,1	9,05	-64,00	25510	25200	4010	-92340	58230	90
J 690312	-32 33,5	144 41,5	9,10	-63,90	25560	25260	4050	-92210	58140	90
J 690313	-32 25,9	144 48,2	9,05	-63,75	25670	25350	4030	-92070	58050	100
J 690314	-32 17,0	144 53,6	9,10	-63,60	25750	25430	4080	-91900	57940	120
J 690315	-32 0,0	145 1,3	9,05	-63,45	25850	25530	4060	-91740	57840	180
J 690316	-31 55,7	145 1,5	9,05	-63,30	25950	25630	4090	-91610	57770	160
J 690317	-31 54,0	145 10,2	9,15	-63,15	26030	25700	4140	-91460	57670	170
J 690318	-31 47,4	145 20,0	9,25	-63,10	26070	25730	4190	-91400	57630	170
J 690319	-31 50,2	143 32,8	9,60	-63,40	25910	25620	3860	-91760	57890	80
J 690320	-32 2,4	143 38,0	9,55	-63,55	25800	25520	3840	-91870	57930	80
J 690321	-32 9,9	143 46,6	8,25	-63,65	25740	25470	3680	-91970	57990	80
J 690322	-32 18,3	143 51,0	8,75	-63,80	25640	25340	3910	-92080	58050	80
J 690323	-32 27,9	143 55,7	8,85	-63,95	25550	25240	3940	-92210	58130	100
J 690324	-32 34,6	144 4,8	8,90	-64,00	25490	25180	3950	-92290	58170	70
J 690325	-32 39,9	144 14,5	9,10	-64,10	25440	25120	4020	-92350	58210	70
J 690326	-33 2,9	144 9,5	9,15	-64,45	25190	24870	4020	-92740	58450	80
J 690327	-33 11,0	144 3,0	9,15	-64,60	25110	24790	3990	-92890	58540	80
J 690328	-33 19,0	143 55,6	9,00	-64,75	25020	24710	3920	-93060	58680	70
J 690329	-33 29,0	143 52,5	9,10	-64,90	24930	24620	3950	-93180	58730	70
J 690330	-33 39,9	143 52,0	9,10	-65,10	24820	24500	3930	-93460	58940	70
J 690331	-33 49,0	143 45,9	9,10	-65,30	24700	24390	3910	-93690	59100	70
J 690332	-33 58,1	143 39,0	8,95	-65,40	24600	24300	3840	-93720	59080	60
J 690333	-34 32,4	143 34,9	9,00	-65,95	24230	23930	3800	-94270	59430	60
J 690334	-34 21,2	143 35,5	8,95	-65,80	24340	24040	3790	-94100	59330	70
J 690335	-34 11,9	143 31,0	8,95	-65,65	24440	24140	3790	-93940	59220	70
J 690336	-34 10,0	143 19,8	8,85	-65,60	24440	24150	3770	-93930	59210	70
J 690337	-34 0,0	143 15,5	9,15	-65,45	24540	24230	3890	-93710	59050	70
J 690338	-33 57,0	143 2,4	8,80	-65,45	24570	24280	3760	-93750	59100	80
J 690339	-33 50,0	142 51,4	8,75	-65,40	24570	24290	3730	-93710	59060	70
J 690340	-33 47,0	142 55,5	8,70	-65,30	24600	24360	3730	-93570	58980	70
J 690341	-33 41,2	142 43,2	8,75	-65,20	24710	24420	3760	-93910	58940	100
J 690342	-33 30,9	142 33,2	8,55	-65,15	24750	24480	3670	-93450	58900	70
J 690343	-33 24,7	142 45,5	8,60	-64,95	24900	24620	3720	-93240	58770	70
J 690344	-33 10,5	142 27,0	8,50	-64,80	24900	24680	3690	-93090	58660	70
J 690345	-33 0,5	142 23,0	8,45	-64,75	25020	24750	3680	-93020	58630	70
J 690346	-32 55,8	142 22,7	8,55	-64,55	25130	24850	3730	-92810	58480	60
J 690347	-32 48,4	142 23,9	8,60	-64,45	25200	24920	3760	-92700	58410	50
J 690348	-32 30,0	142 20,1	8,50	-64,25	25350	25080	3750	-92550	58350	60
J 690349	-32 24,0	142 25,8	8,15	-64,05	25520	25260	3620	-92440	58320	70
J 690350	-32 14,5	142 31,1	8,45	-63,85	25650	25380	3760	-92220	58180	50
J 690351	-32 0,1	142 41,0	8,40	-63,70	25720	25450	3760	-92060	58070	70
J 690352	-32 4,2	142 50,4	8,55	-63,70	25700	25410	3810	-92020	58020	70
J 690353	-31 52,7	142 56,0	175,10	-63,50	25640	-25740	2210	-91800	57880	70
J 690354	-31 43,7	143 12,6	8,60	-63,25	25980	25690	3880	-91590	57760	70
J 690355	-32 50,9	144 7,3	8,90	-64,30	25310	25000	3910	-92530	58300	80

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA	YR	NO	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	M	X	Y	Z	F	EL METRES
J	690356		-32 49.8	143 57.3	8.90	-64.30	25300	24900	3910	-52940	58330	90
J	690357		-32 51.9	143 45.6	8.85	-64.35	25260	24960	3840	-52990	58340	80
J	690358		-32 50.0	143 33.5	8.75	-64.35	25270	24970	3830	-52810	58370	80
J	690359		-32 47.1	143 23.2	8.70	-64.30	25240	24990	3830	-52970	58330	80
J	690360		-32 43.7	143 17.4	8.80	-64.25	25360	25060	3890	-52920	58330	60
J	690361		-32 42.0	141 35.8	7.12	-63.15	26340	26180	3260	-52160	58490	270
J	690362		-32 40.0	141 46.7	8.70	-64.70	24980	24690	3770	-52840	58450	160
J	690363		-32 30.4	142 01.0	9.15	-64.25	25190	24870	4000	-52210	57960	120
J	690364		-32 14.0	142 14.2	8.25	-63.85	25560	25320	3670	-52040	58020	80
J	690365		-32 1.0	141 24.5	8.25	-63.70	25410	25540	3690	-52250	58270	240
J	690366		-32 10.0	141 25.6	8.00	-64.90	24570	24330	3420	-52470	57940	170
J	690367		-32 25.0	141 32.5	8.50	-64.30	25040	24770	3710	-52050	57760	110
J	690368		-32 34.0	141 37.4	8.35	-64.35	25130	24660	3660	-52330	58050	90
J	690369		-32 42.9	141 37.6	7.93	-64.40	25260	25020	3470	-52690	58430	60
J	690370		-32 54.0	141 36.7	7.95	-64.45	25150	24910	3490	-52640	58340	40
J	690371		-33 0.0	141 37.1	8.15	-64.90	24900	24650	3520	-53110	58650	50
J	690372		-33 10.0	141 40.1	8.30	-65.10	24770	24510	3570	-53340	58810	60
J	690373		-33 20.0	141 42.2	8.60	-65.25	24690	24410	3680	-53590	58970	70
J	690374		-33 30.1	141 45.0	8.15	-65.25	24670	24420	3500	-53440	58900	60
J	690375		-33 40.0	141 47.2	8.45	-65.40	24590	24320	3620	-53680	59040	50
J	690376		-34 0.0	141 51.0	8.30	-65.05	24410	24150	3530	-53920	59190	30
J	690377		-34 0.0	141 59.3	8.40	-65.70	24380	24120	3560	-53970	59220	30
J	690378		-34 10.1	142 19.7	8.60	-65.65	24230	23960	3630	-54100	59280	50
J	690379		-34 20.1	142 26.2	8.75	-66.00	24130	23870	3670	-54210	59350	50
J	690380		-34 17.7	142 33.9	104.40	-66.05	24120	-23220	6490	-54250	59370	60
J	690381		-34 33.0	142 46.3	8.95	-66.05	24130	23840	3760	-54270	59390	50
J	690382		-34 30.0	142 57.5	9.00	-66.00	24160	23860	3770	-54220	59360	60
J	690383		-34 34.4	143 7.6	8.45	-66.00	24160	23900	3550	-54250	59390	70
J	690384		-34 37.1	143 20.1	9.25	-66.05	24130	23820	3880	-54290	59420	70
J	690385		-34 36.9	144 31.4	9.55	-65.90	24210	23870	4020	-54100	59270	80
J	690386		-34 37.4	144 19.6	9.50	-65.95	24170	23840	3990	-54110	59280	80
J	690387		-34 40.1	144 7.9	9.25	-66.00	24130	23820	3880	-54190	59320	70
J	690388		-34 43.0	143 57.4	9.35	-66.05	24090	23770	3910	-54250	59360	70
J	690389		-34 44.9	143 44.5	9.30	-66.10	24070	23750	3900	-54310	59410	70
J	690390		-34 40.1	143 32.0	9.25	-66.15	24025	23710	3860	-54360	59460	70
J	690391		-34 50.4	143 24.2	9.15	-66.35	23910	23600	3800	-54560	59570	70
J	690392		-35 7.2	143 34.0	9.35	-66.45	23840	23530	3870	-54670	59640	70
J	690393		-35 10.7	143 37.0	9.40	-66.55	23760	23440	3880	-54630	59760	70
J	690394		-35 27.0	143 37.3	9.50	-66.75	23420	23300	3900	-54930	59800	70
J	690395		-35 30.0	143 46.7	9.55	-66.40	23470	23240	3900	-55040	59870	70
J	690396		-35 41.2	143 52.1	9.55	-66.90	23520	23190	3900	-55150	59950	80
J	690397		-35 50.9	143 56.0	9.75	-67.00	23460	23170	3960	-55610	60070	80
J	690398		-35 57.9	143 55.2	8.40	-67.25	23410	23140	3410	-55830	60540	90
J	690399		-36 11.9	143 57.5	9.80	-67.35	23210	22870	3960	-55970	60220	90
J	690400		-36 17.7	143 58.4	10.10	-67.50	23350	22690	4040	-55680	60260	100
J	690401		-36 24.4	144 0.3	9.95	-67.60	22770	22630	3980	-55890	60340	110
J	690402		-36 43.0	144 5.1	10.05	-67.65	22760	22470	3970	-55890	60350	180
J	690403		-36 35.1	143 54.3	9.85	-67.80	22710	22470	3900	-55890	60360	120
J	690404		-36 30.3	143 44.3	9.80	-67.65	22970	22640	3910	-55890	60400	150
J	690405		-36 24.4	143 36.2	9.55	-67.40	22920	22600	3800	-55650	60190	180
J	690406		-36 17.9	143 25.3	9.70	-67.60	22970	22640	3870	-55720	60270	140
J	690407		-36 0.9	143 17.3	9.60	-67.50	23540	22720	3840	-55590	60170	110
J	690408		-35 50.9	143 13.6	9.40	-67.35	23170	22850	3860	-55470	60110	100
J	690409		-35 49.0	143 0.3	9.50	-67.15	23300	22990	3850	-55850	60050	90
J	690410		-35 39.0	143 1.0	9.30	-67.10	23520	23210	3800	-55650	60140	70
J	690411		-35 28.0	142 50.5	9.15	-66.80	23470	23270	3740	-55000	59840	50

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THIRD ORDFP RESULTS ADJUSTED TO 1970.0

STATION AREA	YR	NO	LAT DEG MIN	LONG DEG MIN	N OFF	E DEG	X	Y	Z	F	EL METRES	
J	690412		-35 18.9	142 45.8	9.20	-66.70	23489	23370	3786	-94940	59830	60
J	690413		-35 10.0	142 40.9	14.90	-66.65	23710	22910	6100	-94880	59760	60
J	690414		-35 9.9	142 28.0	8.95	-66.60	23720	23430	3690	-94890	59760	50
J	690415		-35 4.4	142 20.0	8.85	-66.55	23760	23480	3650	-94790	59720	70
J	690416		-33 41.8	142 21.2	9.00	-66.30	24490	24340	3860	-93990	58990	60
J	690417		-33 46.8	142 12.7	8.85	-66.35	24500	24290	3780	-93870	58990	50
J	690418		-33 50.8	142 2.3	8.75	-66.45	24520	24240	3730	-93710	59040	50
J	690420		-34 27.6	142 11.8	8.85	-66.30	24130	23890	3700	-94260	59380	60
J	690421		-34 37.9	142 13.0	8.90	-66.15	24390	23740	3720	-94410	59490	50
J	690422		-34 45.8	142 16.6	8.70	-66.25	23990	23670	3630	-94460	59500	60
J	690423		-34 50.0	142 18.5	8.95	-66.45	23840	23590	3710	-94690	59660	70
J	690424		-35 20.7	142 25.5	8.95	-66.80	23800	23320	3660	-95020	59870	80
J	690425		-35 24.9	142 29.0	8.95	-66.90	23540	23250	3660	-95190	59960	80
J	690426		-35 34.8	142 29.3	8.90	-67.05	23400	23120	3630	-95290	60040	90
J	690427		-35 47.8	142 25.1	8.90	-67.20	23300	23020	3600	-95390	60090	90
J	690428		-35 57.8	142 24.7	9.15	-67.35	23180	22870	3680	-95490	60130	90
J	690429		-36 7.8	142 25.4	169.85	-67.50	23060	-22690	4070	-95690	60240	100
J	690430		-36 22.8	142 23.4	9.40	-67.75	22900	22990	3750	-95940	60440	120
J	690431		-36 33.8	142 17.9	9.40	-67.90	22780	22480	3710	-96070	60520	140
J	690432		-36 42.8	142 13.4	9.55	-68.00	22720	22400	3770	-96250	60660	140
J	690433		-36 48.8	142 20.3	9.50	-68.05	22710	22400	3750	-96340	60760	160
J	690434		-36 54.9	142 30.0	9.60	-68.20	22800	22280	3760	-96490	60840	170
J	690435		-37 0.8	142 43.2	9.55	-68.35	22900	22180	3730	-96620	60930	230
J	690436		-37 8.8	142 50.6	9.75	-68.30	22440	22120	3800	-96410	60710	240
J	690437		-37 17.8	142 57.5	9.85	-68.40	22350	22020	3820	-96910	60770	270
J	690438		-37 21.8	143 9.5	9.60	-68.50	22270	21990	3720	-96990	60810	370
J	690439		-37 25.2	143 20.0	9.75	-68.55	22220	21900	3770	-96910	60720	460
J	690440		-37 27.8	143 32.1	9.85	-68.95	21840	21920	3740	-96690	60750	400
J	690441		-37 30.9	143 42.3	7.45	-68.55	22240	22060	2880	-96970	60790	420
J	690442		-37 33.8	143 55.1	10.15	-68.60	22190	21840	3910	-96970	60770	490
J	690443		-37 35.2	144 6.8	15.00	-68.70	22080	21330	5720	-96840	60790	590
J	690444		-37 36.8	144 19.8	10.85	-68.30	22370	21970	4220	-96190	60480	460
J	690445		-37 41.8	144 31.8	10.25	-68.60	22160	21810	3940	-96610	60790	170
J	690446		-38 10.7	147 5.2	11.65	-68.75	22160	21600	4450	-96670	60810	40
J	690447		-38 14.8	147 1.4	11.60	-68.85	21940	21530	4410	-96780	60880	60
J	690448		-38 27.9	146 55.9	11.60	-69.00	21460	21410	4390	-96880	60940	40
J	690449		-38 33.9	146 46.9	11.71	-69.05	21420	21360	4430	-97010	61040	20
J	690450		-38 37.7	146 36.1	11.65	-69.15	21800	21350	4400	-97290	61300	10
J	690451		-38 40.0	146 24.4	11.70	-69.20	21440	21190	4390	-97020	60980	20
J	690452		-38 30.4	146 11.0	11.35	-69.30	21440	21210	4260	-97400	61150	130
J	690453		-38 12.0	145 55.5	11.30	-69.15	21740	21370	4260	-97210	61220	20
J	690454		-38 27.1	145 54.1	11.35	-69.30	21400	21140	4250	-97170	61120	90
J	690455		-38 24.8	145 45.0	10.95	-69.20	21710	21310	4120	-97160	61140	210
J	690456		-38 17.8	145 32.7	10.55	-69.10	21730	21360	3980	-96970	60970	20
J	690457		-38 12.3	145 21.9	10.85	-69.10	21780	21390	4100	-97040	61050	10
J	690458		-38 6.7	145 15.8	10.60	-68.60	22190	21720	4070	-96920	61060	30
J	690459		-37 50.8	144 47.0	11.00	-68.60	22230	21840	4250	-96730	60930	20
J	690460		-37 55.8	144 38.9	10.50	-68.85	22170	21700	4010	-96980	61100	30
J	690461		-38 1.0	144 27.9	10.45	-68.55	22340	21970	4090	-96830	61060	20
J	690462		-38 14.9	144 18.5	10.45	-69.10	21810	21450	3960	-97140	61170	80
J	690463		-38 13.0	144 4.6	10.15	-69.55	21460	21030	3760	-97250	61100	120
J	690464		-38 10.7	143 52.7	10.20	-69.15	21760	21410	3860	-97140	61140	100
J	690465		-38 54.8	142 5.4	9.15	-68.20	22520	22230	3970	-96890	60880	140
J	690466		-37 4.8	142 12.0	9.11	-68.30	22410	22130	3940	-96960	60870	180
J	690467		-37 13.0	142 13.7	9.15	-68.35	22460	22190	3960	-96940	60960	210
J	690468		-37 20.9	142 8.3	8.70	-68.55	22300	22040	3370	-96830	61090	210

082171

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

STATION AREA VR 40	LAT DEG MIN	LONG DEG MIN	D DEG	I DEG	W	X	Y	Z	F	EL METRES
J 690469	-37 30.1	142 4.5	9.20	-68.95	21950	21670	3510	-97000	61080	230
J 690470	-37 30.0	141 58.6	9.95	-68.80	22050	21720	3810	-96860	60990	220
J 690471	-37 48.9	141 54.4	10.50	-69.50	21150	20800	3850	-96610	60430	180
J 690472	-37 59.8	141 45.8	9.30	-69.25	21650	21370	3900	-97200	61160	130
J 690473	-38 4.8	141 40.5	9.25	-69.45	21680	21390	3480	-97880	61810	90
J 690474	-38 14.4	141 46.0	9.40	-69.60	21440	21150	3500	-97710	61370	10
J 690475	-38 16.9	141 50.4	9.55	-69.95	21510	21210	3580	-97690	61570	20
J 690476	-38 23.1	142 9.9	9.90	-69.55	21450	21130	3690	-97970	61430	20
J 690477	-38 19.9	142 24.0	9.90	-69.55	21470	21150	3700	-97940	61420	60
J 690478	-38 23.4	142 34.1	9.65	-69.65	21220	20920	3550	-97160	60990	40
J 690479	-38 18.7	142 49.7	9.75	-69.40	21520	21210	3640	-97290	61200	120
J 690480	-38 14.7	142 57.0	10.10	-69.35	21590	21250	3780	-97240	61210	110
J 690481	-38 14.7	143 10.0	9.85	-69.15	21730	21410	3730	-97040	61030	170
J 690482	-38 19.8	143 21.0	10.15	-69.10	21710	21370	3830	-96890	60890	140
J 690484	-39 24.1	149 10.3	11.30	-65.95	24100	23630	4720	-93990	59130	610
J 690485	-39 33.8	149 7.8	11.35	-66.15	23920	23450	4710	-94080	59140	700
J 690486	-39 42.2	149 9.4	11.40	-66.30	23860	23400	4710	-94340	59350	720
J 690487	-39 54.0	149 9.5	11.30	-66.40	23740	23280	4650	-94840	59300	730
J 690488	-39 5.2	149 8.2	11.60	-66.60	23630	23150	4750	-94960	59460	720
J 690489	-39 20.0	149 14.8	11.60	-67.15	23010	22540	4630	-94400	59060	890
J 690490	-39 18.1	149 9.5	9.70	-66.75	23160	22830	3900	-93960	58720	890
J 690491	-39 17.9	148 58.1	11.70	-66.75	23500	23010	4770	-94750	59580	950
J 690492	-39 24.9	148 48.2	11.30	-66.90	23420	22970	4590	-94950	59730	890
J 690493	-39 26.8	148 36.9	12.90	-67.10	23230	22640	5190	-95010	59710	1010
J 690494	-39 18.9	148 11.6	11.35	-66.95	23360	22910	4610	-94880	59650	1110
J 690495	-39 10.9	148 2.7	11.35	-66.75	23550	23090	4640	-94870	59710	270
J 690496	-39 14.1	147 49.8	11.00	-66.95	23370	22940	4460	-94970	59740	340
J 690497	-39 13.7	147 38.9	10.80	-66.90	23390	22970	4390	-94880	59650	430
J 690498	-39 10.0	147 24.3	11.25	-67.00	23320	22870	4540	-94830	59670	460
F 680001	-25 44.4	146 46.2	8.39	-56.40	29800	29490	4340	-44870	53860	-0
F 680002	-25 44.8	146 55.8	8.36	-56.35	29830	29510	4340	-44850	52820	-0
F 680003	-25 37.8	147 5.4	8.32	-56.20	29880	29570	4320	-44980	53770	-0
F 680004	-25 32.4	147 15.0	8.52	-56.10	29930	29600	4430	-44950	53880	-0
F 680005	-25 43.8	147 19.8	8.26	-56.30	29860	29550	4290	-44810	53730	-0
F 680006	-25 49.8	147 30.0	8.22	-56.40	29790	29490	4250	-44850	53740	-0
F 680007	-25 52.2	147 41.4	8.33	-56.40	29780	29470	4320	-44860	53750	-0
F 680008	-25 55.8	147 52.2	8.57	-56.40	29760	29450	4440	-44990	53800	-0
F 680009	-25 51.0	148 1.8	8.60	-56.25	29490	29460	4460	-44930	53730	-0
F 680010	-25 46.0	148 12.0	8.62	-56.20	29810	29480	4470	-44910	53640	-0
F 680011	-25 46.8	148 22.2	8.78	-56.15	29820	29470	4550	-44930	53610	-0
F 680012	-25 49.8	148 45.0	8.90	-56.10	29810	29480	4440	-44920	53590	-0
F 680013	-25 49.2	148 54.6	8.81	-56.15	29810	29460	4560	-44930	53590	-0
F 680014	-25 48.0	149 8.0	8.73	-56.10	29440	29490	4530	-44930	53640	-0
F 680015	-25 44.0	149 13.2	8.57	-56.10	29860	29550	4450	-44930	53540	-0
F 680016	-25 42.8	149 24.0	8.83	-56.20	29860	29520	4600	-44930	53590	-0
F 680017	-25 40.0	149 35.4	9.04	-56.15	29880	29510	4690	-44940	53590	-0
F 69MACK	-21 9.8	149 10.8	8.46	-50.50	32240	31890	4710	-39200	50790	-0
F 69MINT	-22 24.0	143 3.0	7.05	-52.75	31400	31160	3890	-41870	51950	-0
F 69B001	-22 54.8	139 54.6	6.45	-53.55	31100	30900	3400	-42200	52430	-0
F 69MARY	-23 31.8	152 43.8	10.05	-55.30	30200	29740	5270	-43610	53080	-0
F 69RIRD	-23 54.8	139 21.0	6.30	-57.35	29450	29270	5230	-46030	54650	-0
F 69ROMA	-24 34.2	146 48.0	9.09	-56.85	29540	29180	4620	-45350	54140	-0
F 69QUIL	-26 38.8	144 15.0	7.75	-57.70	29180	28910	3950	-46180	54630	-0
F 69ETAD	-28 44.8	138 40.2	8.76	-60.65	27470	27480	5230	-49120	56400	-0
F 69TIRP	-29 27.0	142 3.0	7.90	-61.05	27390	27130	3760	-49620	56670	-0
J 69MORE	-29 30.0	149 52.8	10.10	-60.45	27570	27140	4830	-49620	55890	-0

G96-372

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THIRD ORDER RESULTS ADJUSTED TO 1970.0

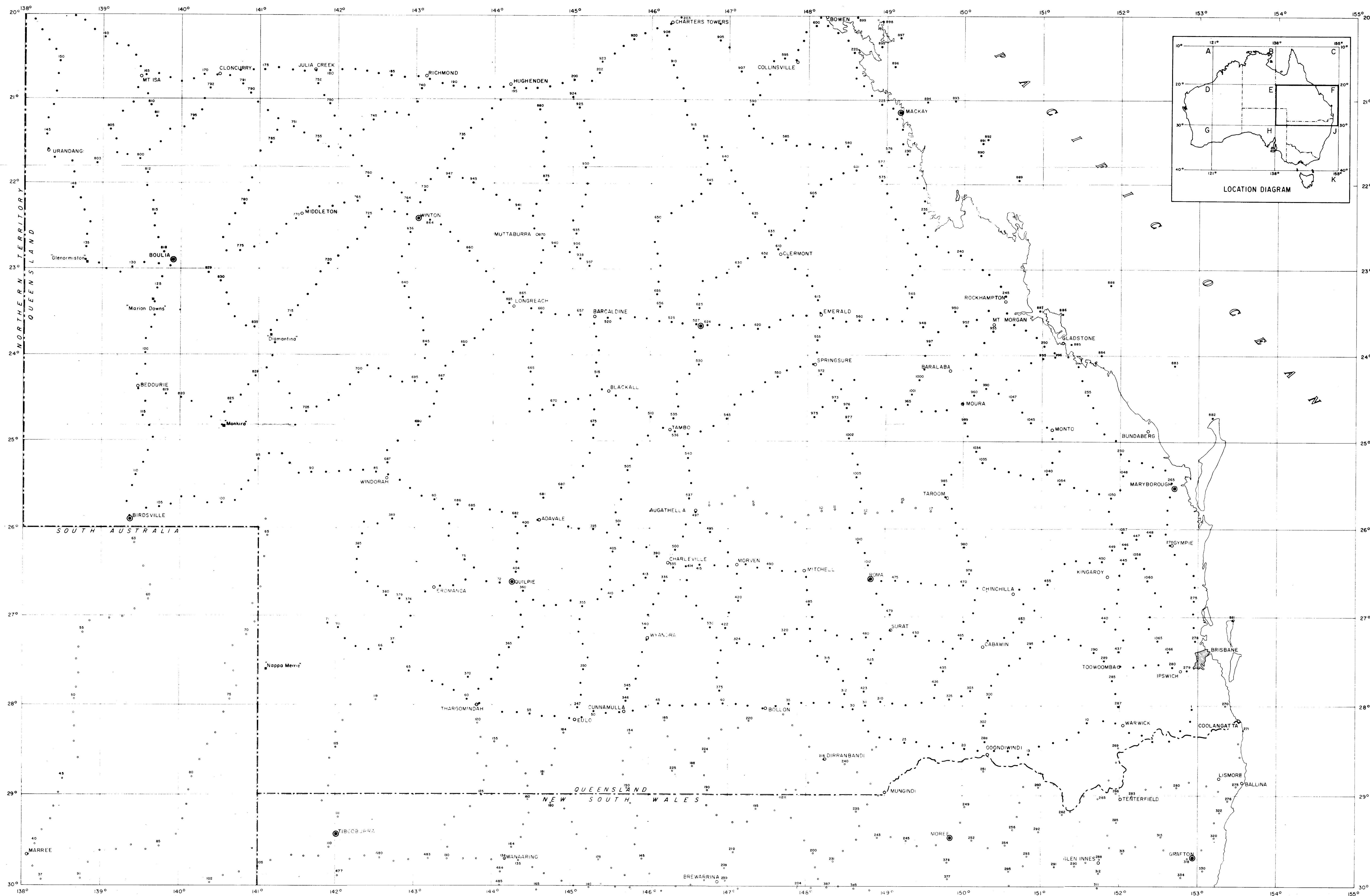
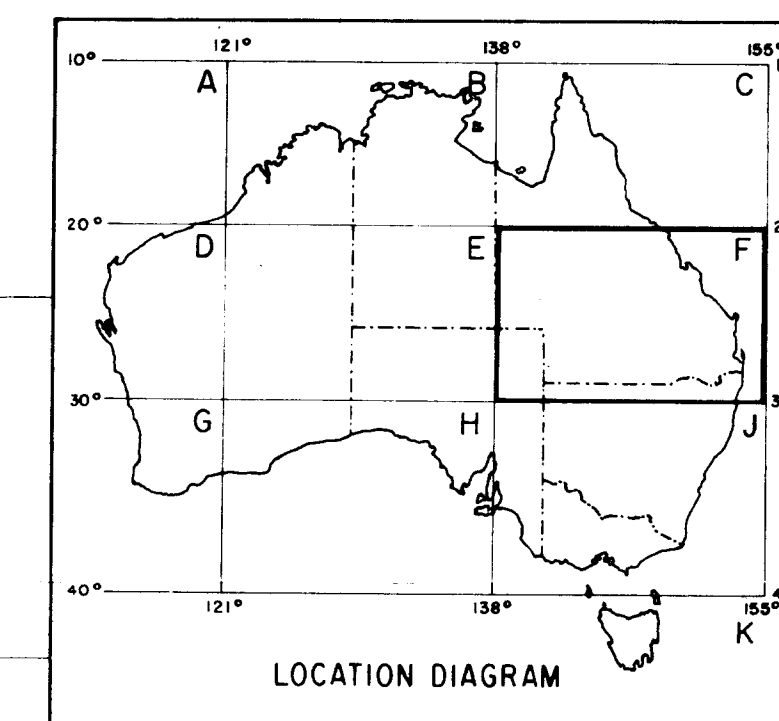
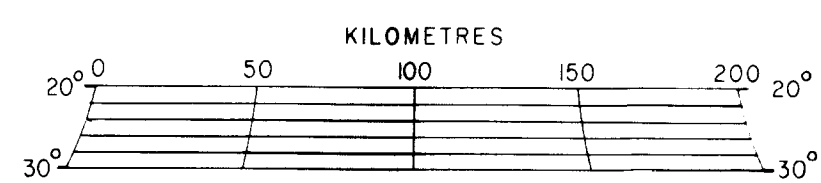
STATION AREA VR NO		LAT DEG MIN		LONG DEG MIN		D REF	I DEG	H	X	Y	Z	F	EL METRES
F	690HAF	-29	40.2	153	1.2	10.90	-50.95	27730	27230	9240	-47040	55360	-0
J	690BQH	-30	4.0	145	57.0	9.10	-61.30	27130	26790	4290	-49940	56480	-0
J	69-1JLC	-31	31.2	143	22.8	8.60	-63.05	26120	25830	3000	-51860	57630	-0
J	69-1EWC	-32	40.0	151	49.8	11.50	-63.25	25990	25370	5160	-51410	57560	-0
J	69CUND	-33	0.0	147	10.7	9.75	-64.10	25410	25040	4320	-52350	58200	-0
J	69MILD	-34	14.4	142	5.4	8.55	-65.75	24340	24070	3620	-54090	59320	-0
J	69CANR	-35	17.4	149	18.0	11.70	-65.85	24130	23630	4890	-53890	59040	-0
J	69HARR	-36	15.0	142	27.0	9.30	-67.55	23730	22730	3720	-55770	60340	-0
J	69TODL	-37	31.0	145	28.2	10.65	-68.30	22390	22000	4140	-56360	60660	-0
J	69PORT	-38	24.2	141	37.2	8.60	-69.50	21550	21310	3220	-57640	61540	-0

1971/29

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ACCURACY : THIRD ORDER



(BASED ON G96-250)

SCALE 1:2 500 000 at equator. Mercator projection.

To accompany Record No. 1971/29

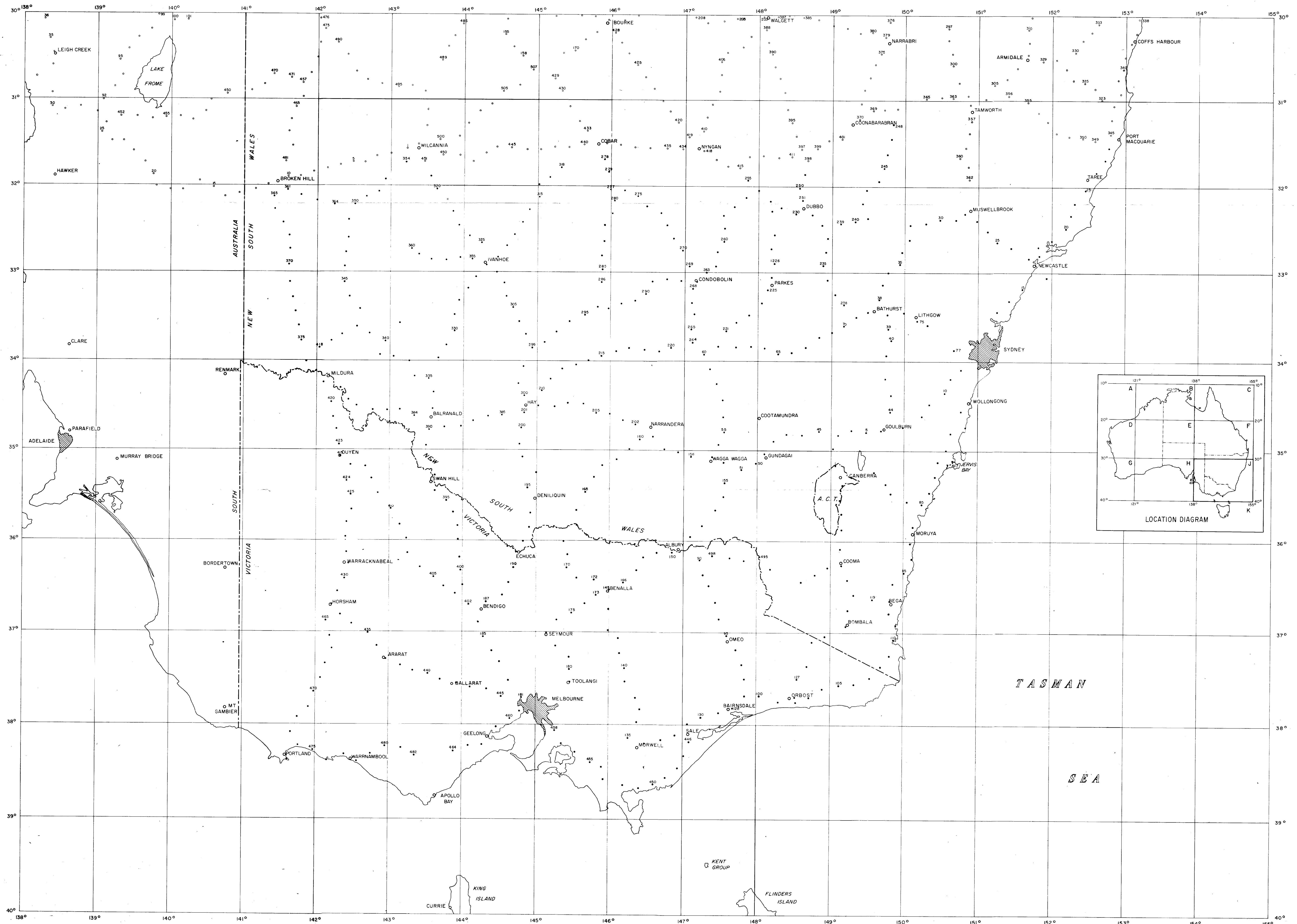
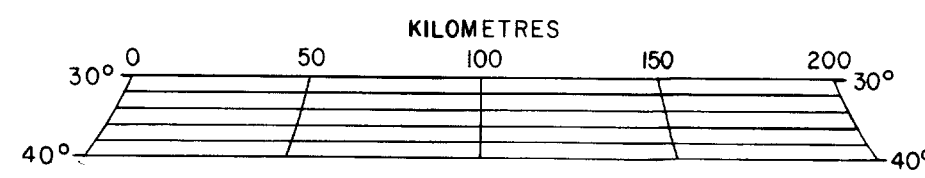
A/B9-32

STATIONS OCCUPIED

• occupied during 1968

• occupied during 1969

ACCURACY : THIRD ORDER

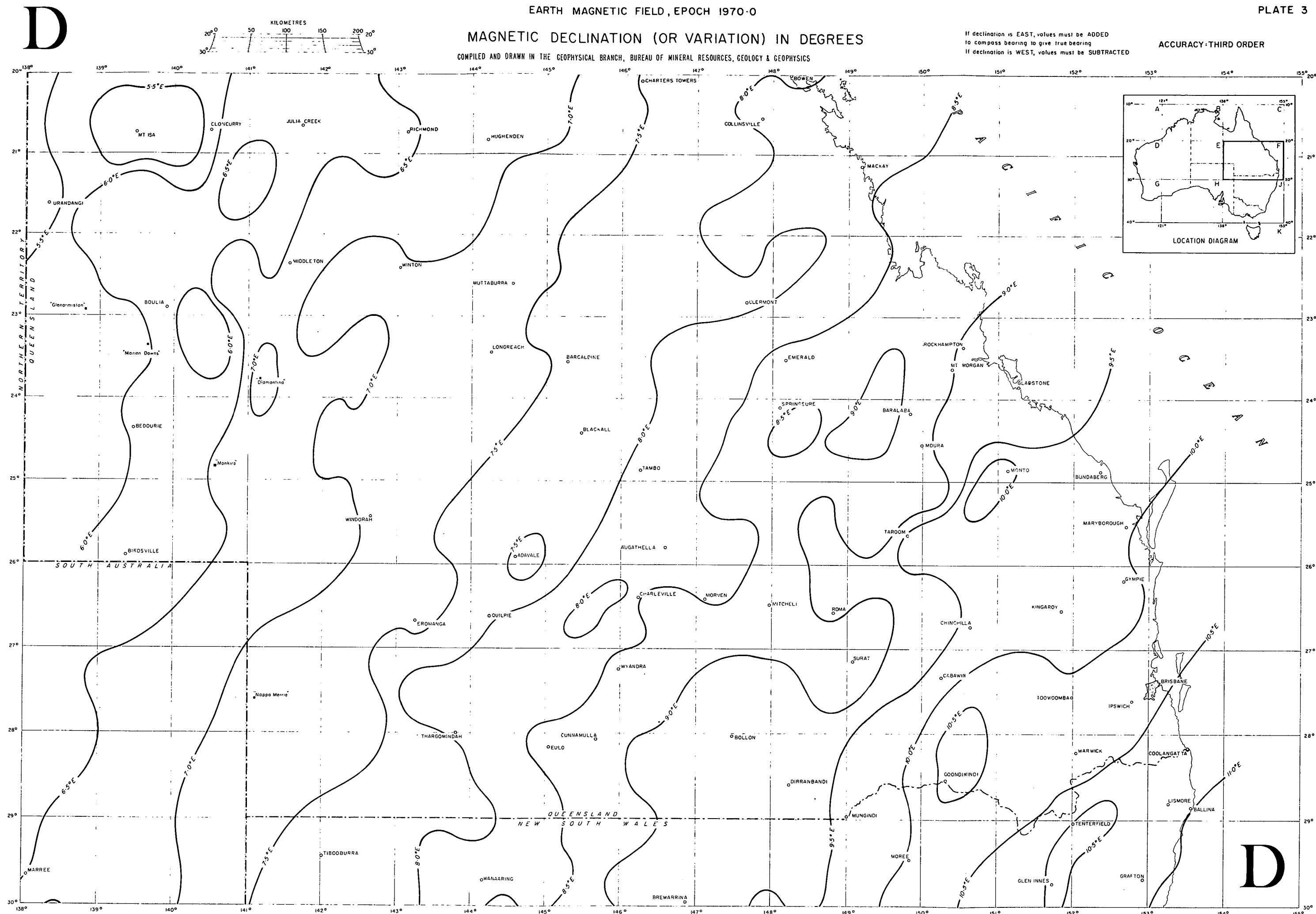


MAGNETIC DECLINATION (OR VARIATION) IN DEGREES

COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

If declination is EAST, values must be ADDED
to compass bearing to give true bearing
If declination is WEST, values must be SUBTRACTED

ACCURACY:THIRD ORDER



SCALE 1: 5,000,000 at equator. Mercator projection

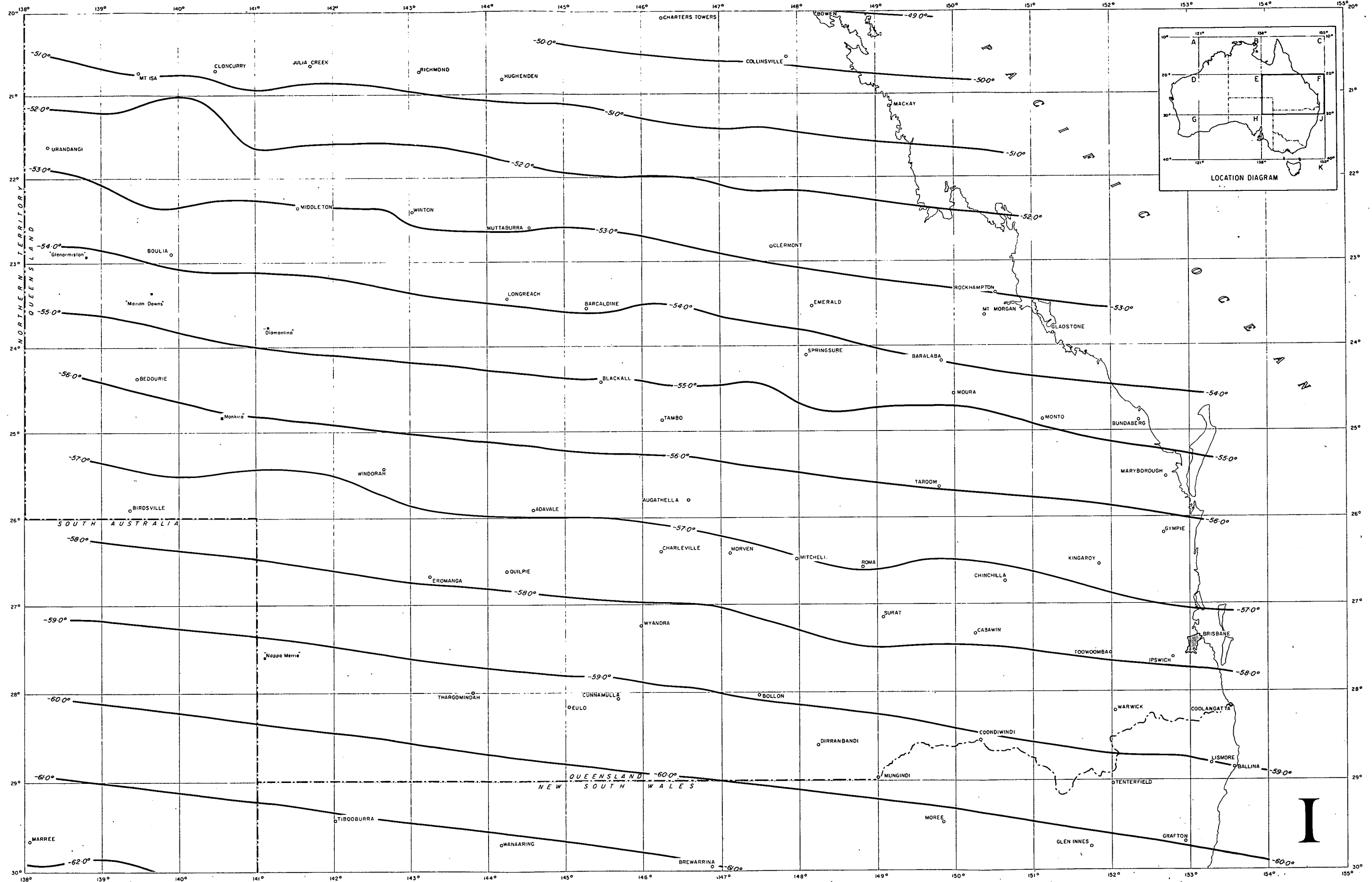
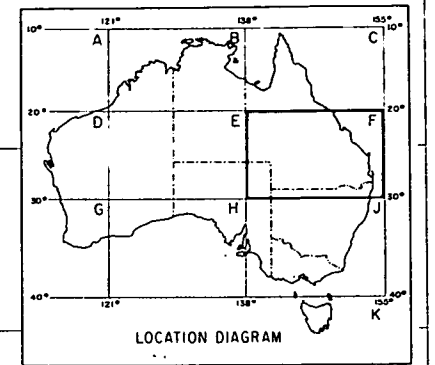
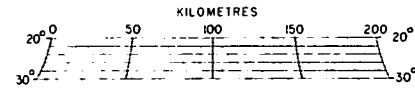
To accompany Record No. 1971/29

A/B9-33

EARTH MAGNETIC FIELD, EPOCH 1970.0 INCLINATION OR DIP ANGLE IN DEGREES

ACCURACY: THIRD ORDER

COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS



H

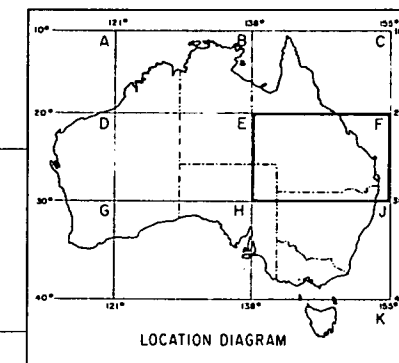
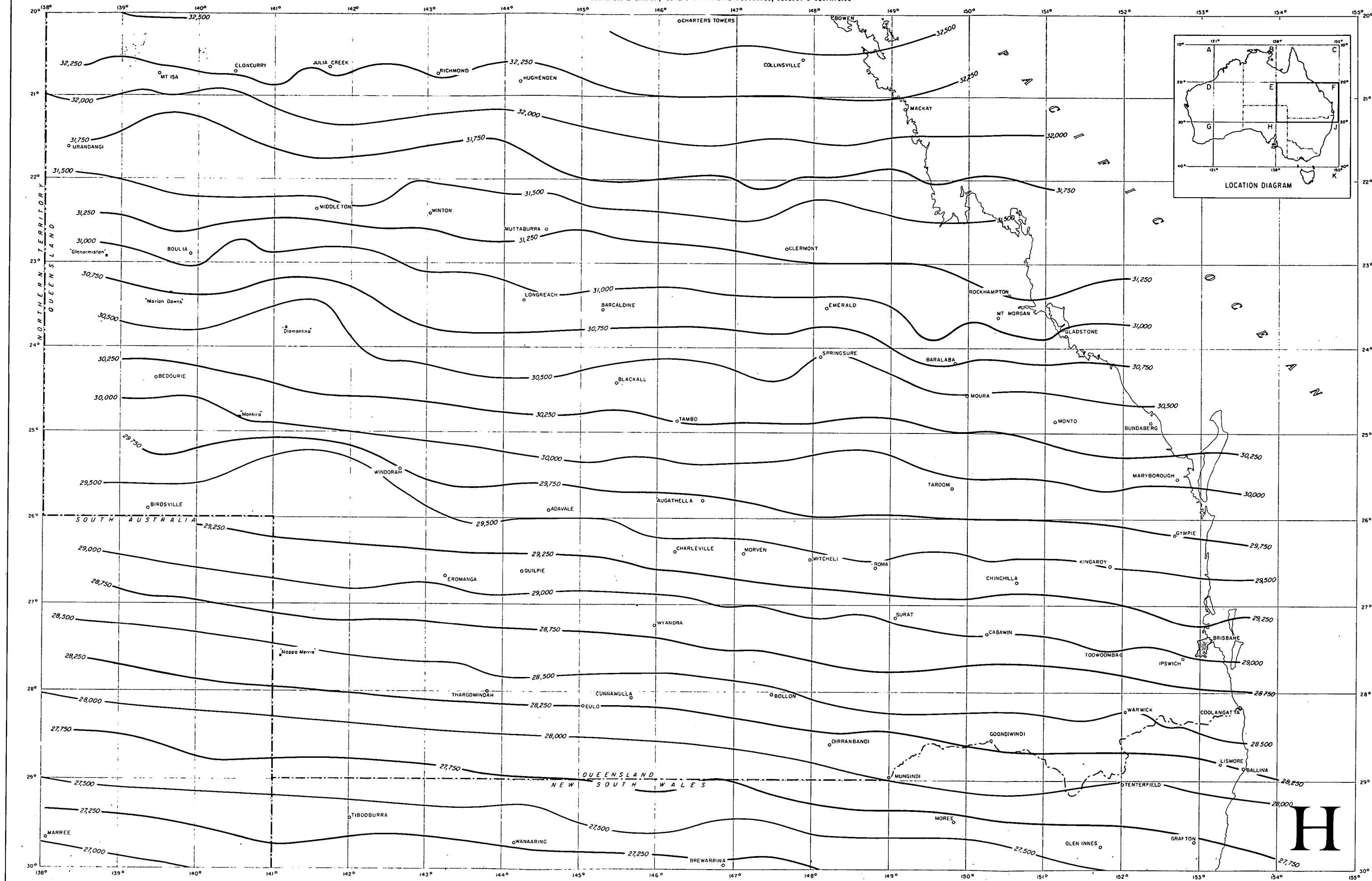
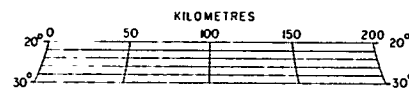
EARTH MAGNETIC FIELD, EPOCH 1970.0

PLATE 5

HORIZONTAL INTENSITY IN GAMMAS (=c.g.s. UNITS $\times 10^{-5}$)

ACCURACY: THIRD ORDER

COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS



SCALE 1:5,000,000 at equator, Mercator projection

(BASED ON G96-250)

To accompany Record No.1971/29

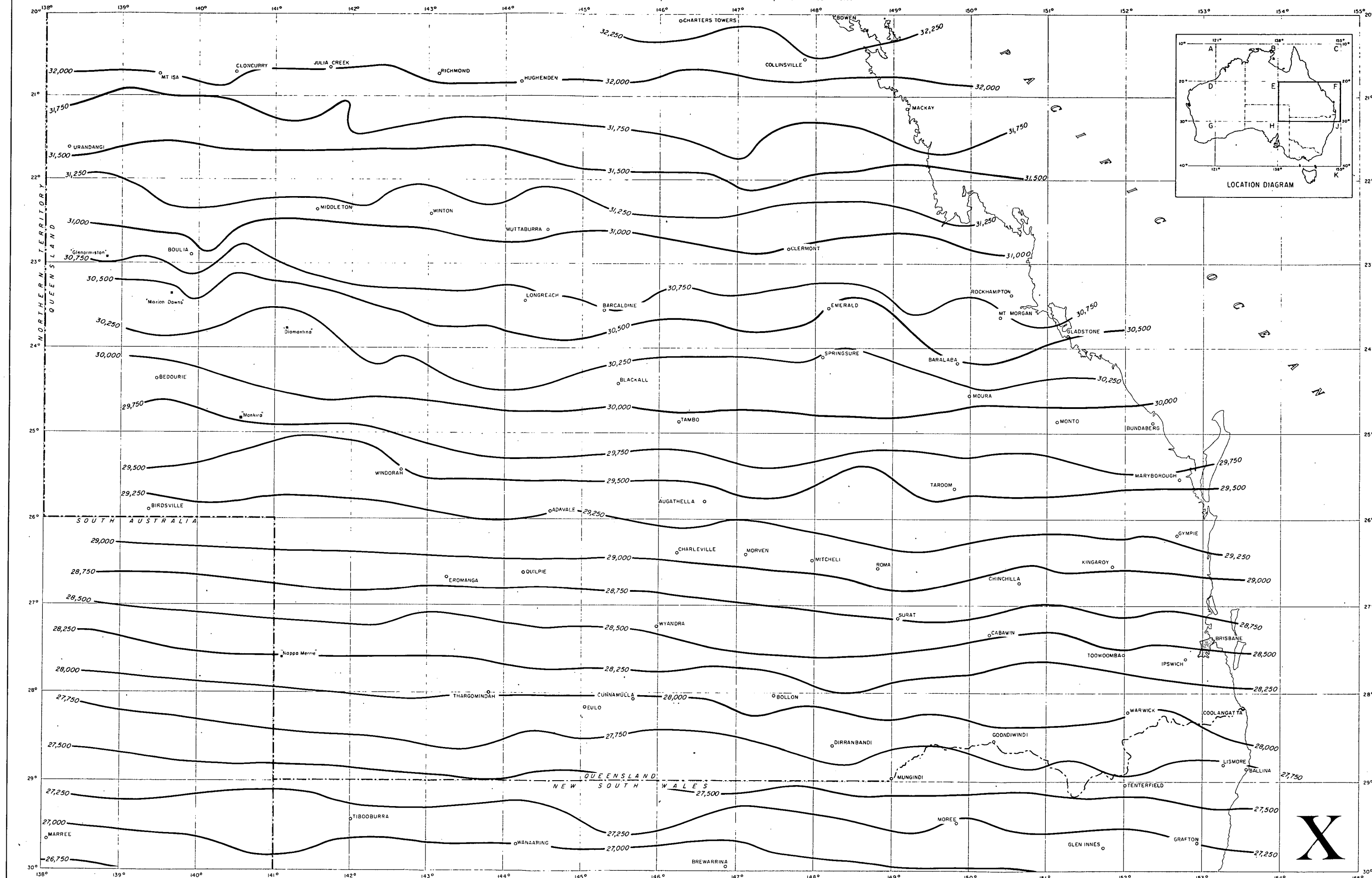
A/89-37

H

INTENSITY OF NORTH COMPONENT IN GAMMAS (=c.g.s. UNITS $\times 10^{-5}$)

ACCURACY : THIRD ORDER

COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS



(BASED ON G96-250) SCALE 1:5,000,000 at equator. Mercator projection

To accompany Record No. 1971/29

A/B9-39

Y

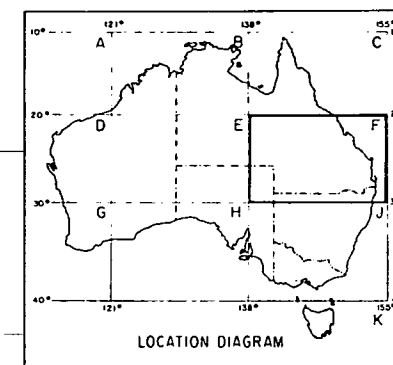
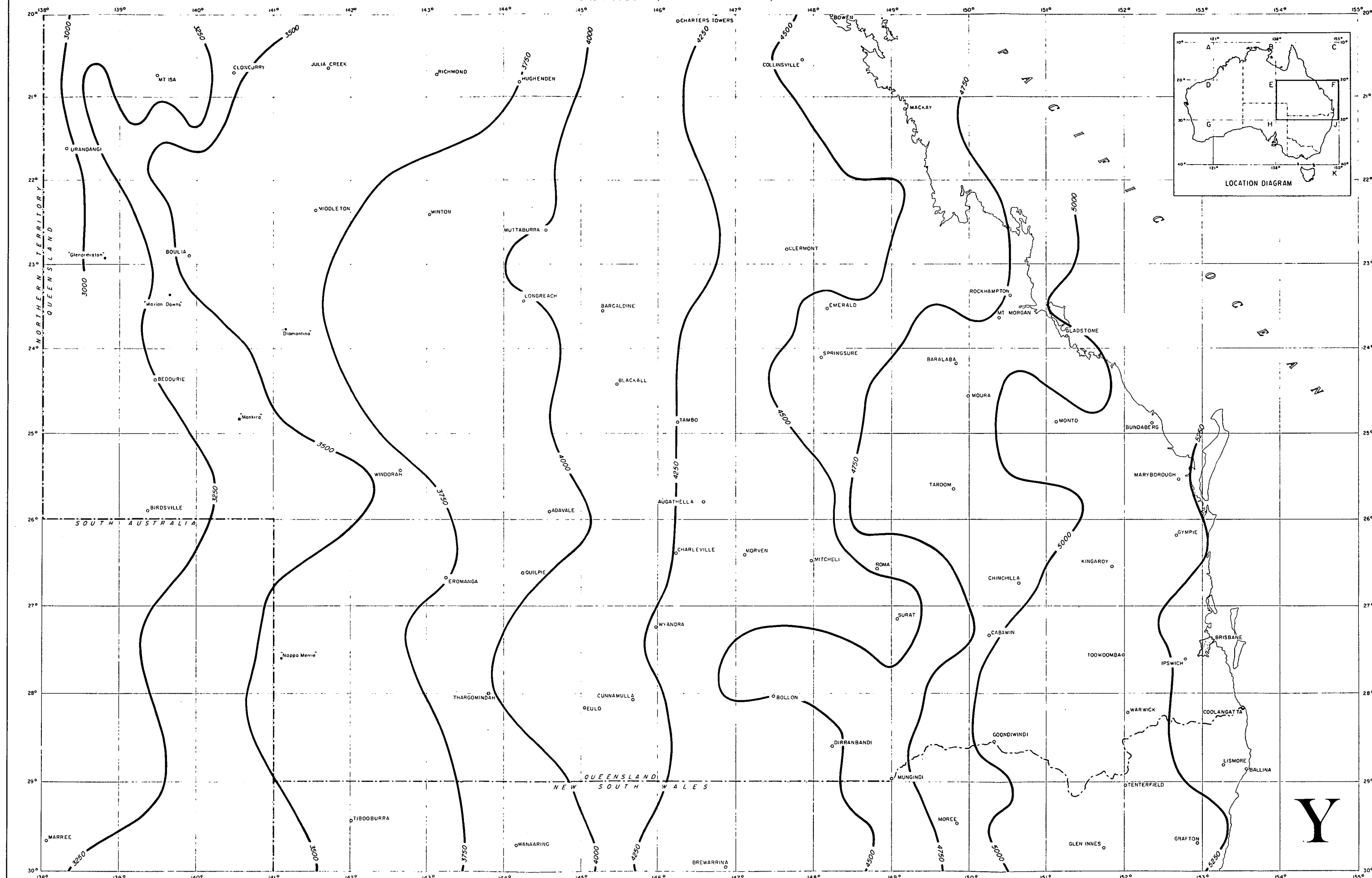
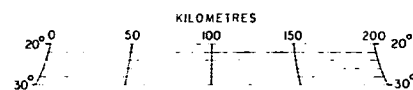
EARTH MAGNETIC FIELD, EPOCH 1970.0

PLATE 7

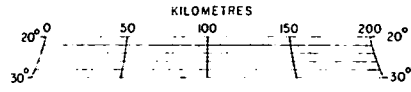
INTENSITY OF EAST COMPONENT IN GAMMAS (=c.g.s. UNITS $\times 10^{-5}$)

COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

ACCURACY: THIRD ORDER

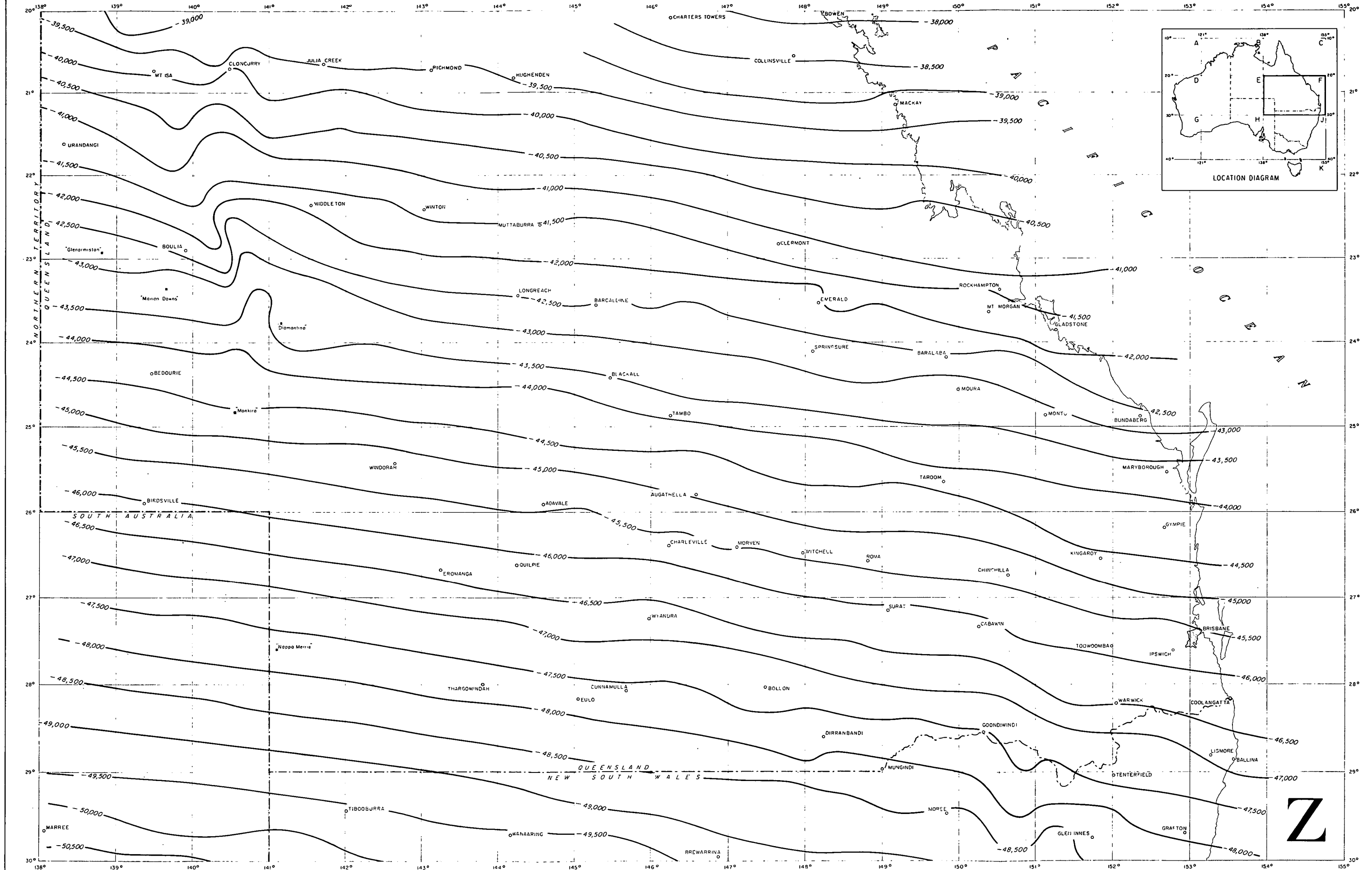
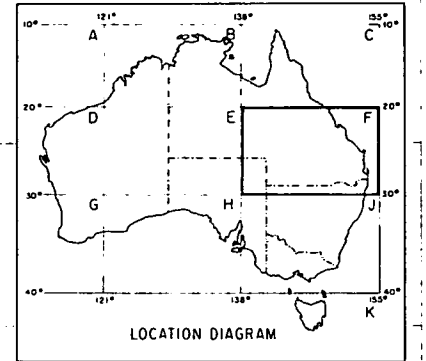


Z



ACCURACY : THIRD ORDER

COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS



Z

EARTH MAGNETIC FIELD, EPOCH 1970.0

TOTAL INTENSITY IN GAMMAS (=c.g.s. UNITS x 10⁻⁵)

ACCURACY : THIRD ORDER

COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

