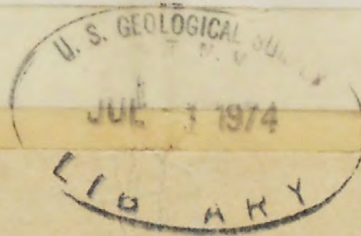UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

GRAVITY OBSERVATIONS AND BOUGUER ANOMALY

VALUES NEAR TUCSON, ARIZONA

By

DONALD PLOUFF
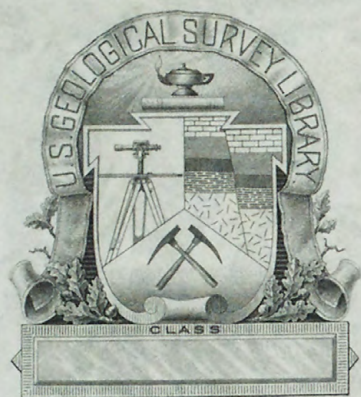
DATE
TABULAT.

GEOLOGIC DIVISION
U. S. GEOLOGICAL SURVEY
Washington, D. C.

release SEPTEMBER 28, 1964

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available for consultation in the Geological Survey Libraries, 1033 GSA Bldg.,
shington, D. C.; Bldg. 25, Federal Center, Denver, Colo.; 345 Middlefield Rd.,
lo Park, Calif.; and in other offices as listed:

1. Principal facts for gravity stations along the central and southern
atch Front, Utah, by Kenneth L. Cook and Joseph W. Berg, Jr. 3 p. text, 29 p.
ular material. 468 New Custom House, Denver, Colo.; 8102 Federal Office Bldg.,
t Lake City, Utah. (Supplementary material to Prof. Paper 316-E.)

2. Gravity observations and Bouguer anomaly values near Tucson, Arizona, by
ald Plouff. 30 p. tabular material. 8102 Federal Office Bldg., Salt Lake City,
ah; 1031 Bartlett Bldg., Los Angeles, Calif.; Arizona Bureau of Mines, College of
es, University of Arizona, Tucson, Ariz.

3. Refraction seismic survey of parts of the Little Miami River and Scioto
ver Valleys, Ohio, by Joel S. Watkins and Norman G. Bailey. 7 p., 8 figs.
Post Office Bldg., 85 Marconi Blvd., Columbus, Ohio. Copy from which reproduc-
ns can be made at private expense is available in the Columbus office.

4. Astrogeologic Studies, Annual Progress Report, August 25, 1962, to July 1,
3. 578 p., 141 figs., 55 tables (Parts A, B, C, D; Supplement to Part A;
mary). 468 New Custom House, Denver, Colo.; 8102 Federal Office Bldg., Salt Lake
y, Utah; 602 Thomas Bldg., Dallas, Texas; 1031 Bartlett Bldg., Los Angeles, Calif.;
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* * * * *

and Bouguer anomaly values

GRAVITY OBSERVATIONS ∧ NEAR TUCSON, ARIZONA

BY

DONALD PLOUFF

ABBREVIATIONS OF THE HEADINGS OF THE ACCOMPANYING
TABLES OF PRINCIPAL FACTS ARE EXPLAINED IN THE FOLLOWING LIST:

GRAV. REF. BASE	DATA ARE REFERRED TO TUCSON AIRPORT BASE VALUE 979.2277 GALS.
GBV	GRAVITY BASE VALUE IN MILLIGALS.
MSV	METER SCALE VALUE
D1	DENSITY 2.67 G PER CC.
D2	DENSITY 2.60 G PER CC.
STA	STATION NUMBER
LAT	NORTH LATITUDE IN DEGREES, MINUTES, AND HUNDREDTHS OF MINUTES.
LONG	WEST LONGITUDE IN DEGREES, MINUTES, HUNDREDTHS OF MINUTES.
E	ELEVATION IN FEET
MG/OG	MEASURED GRAVITY EXPRESSED TO THE NEAREST 0.1 SCALE DIVISION OR OBSERVED GRAVITY CALCULATED TO THE NEAREST 0.01 MGALS.

TC	TERRAIN CORRECTION IN MILLIGALS FOR
	DENSITY 2.67 G PER CC.
OG	OBSERVED GRAVITY IN MILLIGALS, RELATIVE
	TO DATUM OF 978,000.00 MILLIGALS
FTH	THEORETICAL GRAVITY IN MILLIGALS
FAA	FREE AIR ANOMALY IN MILLIGALS
BA1	SIMPLE BOUGUER ANOMALY IN MILLIGALS
	FOR ASSUMED DENSITY 2.67 G PER CC.
BA2	SIMPLE BOUGUER ANOMALY IN MILLIGALS
	FOR ASSUMED DENSITY 2.60 G PER CC.
CC	CURVATURE CORRECTION IN MILLIGALS
TC1	TERRAIN CORRECTION, OUTERZONE (DENSITY 1)
TC2	TERRAIN CORRECTION, OUTERZONE (DENSITY 2)
CBA1	COMPLETE BOUGUER ANOMALY (DENSITY 1)
CBA2	COMPLETE BOUGUER ANOMALY (DENSITY 2)

NOTE

THE ELEVATIONS FOR MOST OF THE STATIONS WERE
DETERMINED BY ALTIMETRIC METHODS. THE PROBABLE
ERROR OF ELEVATION FOR STATIONS 1 TO 523 IS
LESS THAN FIVE FEET. THE PROBABLE ERROR FOR
STATIONS 524 TO 1077 IS LESS THAN TEN FEET.
THE PROBABLE ERROR FOR STATIONS 1078 TO 1221
IS GREATER THAN TEN FEET. AN ELEVATION ERROR
OF TEN FEET CORRESPONDS TO AN ERROR OF 0.6 MILLI-

GAL IN THE GRAVITY ANOMALY.

Terrain corrections were carried out through Hayford's zone N - 60 miles.

ERRATA

TUCSON 1   PIMA CO   ARIZ 60   STA 245AIRPORT   GBV 979227.70   MSV .99999   D1 2.67   D2 2.60   HAYFO   TOTAL   435

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0024	32 26.29	111 .69	2860.0	12550.00	.5	1255.00	1532.41	8.42-	105.85-	103.30-	1.0	.5	.5	106.4-	103.8-
0027	32 26.29	111 2.76	2754.0	12665.00	.4	1266.50	1532.41	6.88-	100.71-	98.25-	1.0	.4	.4	101.3-	98.9-
0214	32 10.20	111 6.30	2525.0	12565.00	.1	1256.50	1510.59	16.59-	102.61-	100.36-	.9	.1	.1	103.4-	101.2-
0535	32 15.69	111 11.26	2836.0	12434.00	1.7	1243.40	1518.02	7.88-	104.50-	101.97-	1.0	1.7	1.7	103.8-	101.3-
0685	31 52.11	110 48.22	3970.0	11049.00	1.3	1104.90	1486.16	7.89-	143.14-	139.60-	1.3	1.3	1.3	143.1-	139.6-
0686	31 51.36	110 47.00	4416.0	10754.00	2.0	1075.40	1485.15	5.55	144.90-	140.95-	1.4	2.0	1.9	144.3-	140.5-
0687	31 50.66	110 49.53	3859.0	11081.00	1.3	1108.10	1484.21	13.17-	144.65-	141.20-	1.3	1.3	1.3	144.7-	141.2-
0724	31 51.41	110 53.28	3276.0	11366.00	.6	1136.60	1485.22	40.50-	152.11-	149.19-	1.1	.6	.6	152.6-	149.7-
0919	31 52.02	111 10.34	4431.0	10918.00	1.8	1091.80	1486.04	22.48	128.48-	124.53-	1.4	1.8	1.8	128.1-	124.1-
1032	31 55.94	111 20.26	3188.0	11877.00	.3	1187.70	1491.32	3.78-	112.39-	109.54-	1.1	.3	.3	113.2-	110.3-
1197	31 56.23	111 21.26	3343.0	11547.00	.3	1154.70	1491.71	22.59-	136.49-	133.50-	1.1	.3	.3	137.3-	134.3-
0148	32 6.27	111 2.73	2560.0	12340.00	.2	1234.00	1505.27	30.48-	117.70-	115.41-	.9	.2	.2	118.4-	116.1-

ERRATA

TUCSON   SANTA CRUZ   ARIZ 60   STA 245AIRPORT   GBV 979227.70   MSV .99999   D1 2.67   D2 2.60   HAYFO   TOTAL   436

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
1074	31 41.50	111 9.21	3585.0	11293.00	.3	1129.30	1471.90	5.42-	127.56-	124.36-	1.2		.3	.3	128.5-	125.3-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0001	32 16.33	110 56.56	2373.0	12597.00	.5	1259.70	1518.89	35.99=	116.84=	114.72=	.9	.5	.5	117.2=	115.1=
0002	32 20.23	110 58.60	2539.0	12646.00	.8	1264.60	1524.18	20.77=	107.27=	105.00=	.9	.8	.8	107.4=	105.1=
0003	32 17.18	110 58.68	2316.0	12683.00	.4	1268.30	1520.04	33.90=	112.81=	110.74=	.8	.4	.4	113.2=	111.1=
0004	32 19.98	110 55.58	2884.0	12449.00	2.3	1244.90	1523.84	7.69=	105.94=	103.37=	1.0	2.3	2.2	104.6=	102.2=
0005	32 21.12	110 57.64	2776.0	12559.00	1.7	1255.90	1525.39	8.39=	102.97=	100.49=	1.0	1.7	1.7	102.3=	99.8=
0006	32 21.98	110 58.12	2627.0	12597.00	1.6	1259.70	1526.56	19.77=	109.27=	106.92=	.9	1.6	1.6	108.6=	106.2=
0007	32 24.22	110 57.04	2588.0	12607.00	2.0	1260.70	1529.60	25.48=	113.65=	111.34=	.9	2.0	1.9	112.6=	110.3=
0008	32 26.44	110 55.97	2843.0	12440.00	1.5	1244.00	1532.62	21.22=	118.08=	115.54=	1.0	1.5	1.5	117.6=	115.0=
0009	32 21.12	110 58.68	2559.0	12625.00	1.0	1262.50	1525.39	22.20=	109.38=	107.09=	.9	1.0	1.0	109.3=	107.0=
0010	32 21.12	110 59.72	2492.0	12613.00	.7	1261.30	1525.39	29.70=	114.60=	112.37=	.9	.7	.7	114.8=	112.6=
0011	32 20.23	110 59.43	2458.0	12654.00	.6	1265.40	1524.18	27.59=	111.33=	109.13=	.9	.6	.6	111.6=	109.4=
0012	32 21.22	110 57.04	2924.0	12474.00	2.6	1247.40	1525.52	3.11=	102.73=	100.11=	1.0	2.6	2.5	101.1=	98.6=
0013	32 15.87	110 57.09	2371.0	12590.00	.5	1259.00	1518.27	36.25=	117.03=	114.91=	.9	.5	.5	117.4=	115.3=
0014	32 15.87	110 58.68	2326.0	12652.00	.3	1265.20	1518.27	34.29=	113.53=	111.45=	.8	.3	.3	114.0=	112.0=
0015	32 22.74	111 .73	2433.0	12640.00	.5	1264.00	1527.59	34.75=	117.64=	115.46=	.9	.5	.5	118.0=	115.9=
0016	32 26.28	111 1.71	2826.0	12595.00	.5	1259.50	1532.40	7.10=	103.38=	100.86=	1.0	.5	.5	103.9=	101.4=
0017	32 22.62	111 6.34	2120.0	12960.00	.2	1296.00	1527.43	32.02=	104.24=	102.35=	.8	.2	.2	104.8=	103.0=
0018	32 19.69	111 6.80	2334.0	12802.00	.3	1280.20	1523.45	23.71=	103.23=	101.15=	.8	.3	.3	103.7=	101.7=
0019	32 18.69	111 9.29	2612.0	12663.00	.5	1266.30	1522.09	10.11=	99.10=	96.77=	.9	.5	.5	99.5=	97.2=
0020	32 16.13	111 12.94	2404.0	12715.00	.4	1271.50	1518.62	21.00=	102.90=	100.76=	.9	.4	.4	103.4=	101.3=
0021	32 20.26	111 .70	2406.0	12640.00	.5	1264.00	1524.22	33.92=	115.89=	113.74=	.9	.5	.5	116.3=	114.1=
0022	32 21.09	111 .73	2421.0	12630.00	.5	1263.00	1525.35	34.63=	117.11=	114.95=	.9	.5	.5	117.5=	115.4=
0023	32 24.30	111 .72	2669.0	12541.00	.5	1254.10	1529.71	24.57=	115.50=	113.12=	.9	.5	.5	115.9=	113.5=
0024	32 25.29	111 .69	2860.0	12550.00	.5	1255.00	1531.05	7.06=	104.49=	101.94=	1.0	.5	.5	105.0=	102.4=
0025	32 25.41	111 .69	2777.0	12546.00	.4	1254.60	1531.22	15.42=	110.03=	107.55=	1.0	.4	.4	110.6=	108.2=
0026	32 23.70	111 .73	2607.0	12558.00	.5	1255.80	1528.89	27.89=	116.70=	114.38=	.9	.5	.5	117.1=	114.8=
0027	32 16.29	111 2.76	2754.0	12665.00	.4	1266.50	1518.84	6.70=	87.13=	84.67=	1.0	.4	.4	87.7=	85.3=
0028	32 24.43	111 4.53	2450.0	12765.00	.3	1276.50	1529.88	22.94=	106.41=	104.22=	.9	.3	.3	107.0=	104.8=
0029	32 25.38	111 3.74	2625.0	12699.00	.3	1269.90	1531.18	14.38=	103.81=	101.46=	.9	.3	.3	104.4=	102.1=
0030	32 25.44	111 4.80	2536.0	12765.00	.3	1276.50	1531.26	16.23=	102.63=	100.36=	.9	.3	.3	103.2=	101.0=
0031	32 25.44	111 6.84	2282.0	12980.00	.3	1298.00	1531.26	18.62=	96.36=	94.32=	.8	.3	.3	96.9=	94.8=
0032	32 20.26	111 2.76	2245.0	12777.00	.3	1277.70	1524.22	35.36=	111.84=	109.84=	.8	.3	.3	112.3=	110.3=
0033	32 21.54	111 2.76	2355.0	12698.00	.4	1269.80	1525.96	34.65=	114.88=	112.76=	.8	.4	.4	115.3=	113.2=
0034	32 24.58	111 2.76	2625.0	12639.00	.4	1263.90	1530.09	19.29=	108.72=	106.36=	.9	.4	.4	109.2=	106.9=
0035	32 23.69	111 2.76	2523.0	12649.00	.4	1264.90	1528.88	26.67=	112.63=	110.38=	.9	.4	.4	113.1=	110.9=
0036	32 22.47	111 2.76	2417.0	12679.00	.4	1267.90	1527.22	31.98=	114.33=	112.17=	.9	.4	.4	114.8=	112.7=
0037	32 20.34	111 3.96	2191.0	12831.00	.3	1283.10	1524.33	35.15=	109.79=	107.83=	.8	.3	.3	110.3=	108.3=
0038	32 20.86	111 4.54	2174.0	12861.00	.3	1286.10	1525.04	34.45=	108.52=	106.57=	.8	.3	.3	109.0=	107.1=
0039	32 20.24	111 6.39	2239.0	12853.00	.3	1285.30	1524.19	28.30=	104.58=	102.58=	.8	.3	.3	105.1=	103.1=
0040	32 21.40	111 5.18	2155.0	12893.00	.3	1289.30	1525.77	33.77=	107.19=	105.26=	.8	.3	.3	107.7=	105.8=
0041	32 21.98	111 5.74	2140.0	12920.00	.3	1292.00	1526.56	33.27=	106.18=	104.26=	.8	.3	.3	106.7=	104.8=
0042	32 20.93	111 6.07	2149.0	12916.00	.3	1291.60	1525.13	31.40=	104.61=	102.69=	.8	.3	.3	105.1=	103.2=
0043	32 21.49	111 6.81	2133.0	12959.00	.3	1295.90	1525.89	29.36=	102.03=	100.13=	.8	.3	.3	102.5=	100.6=
0044	32 19.51	111 7.62	2488.0	12738.00	.5	1273.80	1523.20	15.39=	100.15=	97.93=	.9	.5	.5	100.6=	98.3=
0045	32 19.36	111 8.77	2475.0	12769.00	.4	1276.90	1523.00	13.31=	97.63=	95.42=	.9	.4	.4	98.1=	95.9=

TUCSON 1   PIMA CO   ARIZ 60   STA 245AIRPORT   GBV 979227.70   MSV .99999   D1 2.67   D2 2.60   HAYFO

STA	LAT	LONG	E	MG/DG	TC	DG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0046	32 19.21	111 9.91	2479.0	12761.00	.3	1276.10	1522.80	13.53-	97.98-	95.77-	.9	.3	.3	98.6-	96.4-
0047	32 18.07	111 9.48	2779.0	12526.00	.6	1252.60	1521.25	7.27-	101.95-	99.46-	1.0	.6	.6	102.4-	99.9-
0048	32 17.16	111 9.93	2986.0	12370.00	1.2	1237.00	1520.02	2.17-	103.90-	101.23-	1.0	1.2	1.2	103.7-	101.0-
0049	32 17.29	111 10.88	2804.0	12483.00	.7	1248.30	1520.19	8.16-	103.69-	101.19-	1.0	.7	.7	104.0-	101.5-
0050	32 18.14	111 12.50	2384.0	12741.00	.3	1274.10	1521.34	23.01-	104.23-	102.10-	.9	.3	.3	104.8-	102.7-
0051	32 18.43	111 13.08	2290.0	12778.00	.2	1277.80	1521.74	28.54-	106.56-	104.52-	.8	.2	.2	107.2-	105.1-
0052	32 15.56	111 12.40	2455.0	12695.00	.6	1269.50	1517.85	17.43-	101.07-	98.88-	.9	.6	.6	101.4-	99.2-
0053	32 15.09	111 11.53	2573.0	12634.00	.6	1263.40	1517.21	11.80-	99.46-	97.16-	.9	.6	.6	99.8-	97.5-
0054	32 19.13	111 3.81	2211.0	12798.00	.3	1279.80	1522.69	34.92-	110.25-	108.27-	.8	.3	.3	110.8-	108.8-
0055	32 19.02	111 5.37	2367.0	12737.00	.3	1273.70	1522.54	26.20-	106.84-	104.73-	.9	.3	.3	107.4-	105.3-
0056	32 18.49	111 5.77	2373.0	12762.00	.3	1276.20	1521.82	22.42-	103.26-	101.15-	.9	.3	.3	103.9-	101.8-
0057	32 16.76	111 6.78	2870.0	12488.00	.8	1248.80	1519.47	.73-	98.51-	95.95-	1.0	.8	.8	98.7-	96.2-
0058	32 17.28	111 4.17	2400.0	12710.00	.3	1271.00	1520.18	23.44-	105.20-	103.06-	.9	.3	.3	105.8-	103.7-
0059	32 16.33	111 3.76	2441.0	12693.00	.3	1269.30	1518.89	19.99-	103.16-	100.98-	.9	.3	.3	103.8-	101.6-
0060	32 15.90	111 5.77	2676.0	12597.00	.6	1259.70	1518.31	6.91-	98.08-	95.69-	.9	.6	.6	98.4-	96.0-
0061	32 15.97	111 6.77	2889.0	12463.00	.9	1246.30	1518.40	.38-	98.80-	96.22-	1.0	.9	.9	98.9-	96.3-
0062	32 15.36	111 6.03	2868.0	12468.00	1.3	1246.80	1517.57	1.02-	98.73-	96.17-	1.0	1.3	1.3	98.4-	95.9-
0063	32 15.78	111 14.06	2236.0	12750.00	.2	1275.00	1518.14	32.83-	109.01-	107.01-	.8	.2	.2	109.6-	107.6-
0064	32 16.76	111 13.72	2254.0	12752.00	.3	1275.20	1519.47	32.26-	109.06-	107.04-	.8	.3	.3	109.6-	107.5-
0065	32 16.27	111 12.11	2571.0	12606.00	.9	1260.60	1518.81	16.39-	103.98-	101.68-	.9	.9	.9	104.0-	101.7-
0066	32 17.71	111 11.69	2564.0	12637.00	.4	1263.70	1520.76	15.90-	103.25-	100.96-	.9	.4	.4	103.8-	101.5-
0067	32 17.87	111 13.07	2324.0	12753.00	.3	1275.30	1520.98	27.09-	106.26-	104.19-	.8	.3	.3	106.8-	104.7-
0068	32 17.29	111 13.09	2335.0	12740.00	.3	1274.00	1520.19	26.56-	106.12-	104.03-	.8	.3	.3	106.6-	104.5-
0069	32 17.51	111 14.07	2220.0	12778.00	.2	1277.80	1520.49	33.88-	109.51-	107.53-	.8	.2	.2	110.1-	108.1-
0070	32 19.21	111 12.00	2308.0	12821.00	.2	1282.10	1522.80	23.61-	102.24-	100.18-	.8	.2	.2	102.8-	100.8-
0071	32 18.81	111 10.98	2440.0	12754.00	.3	1275.40	1522.25	17.35-	100.48-	98.30-	.9	.3	.3	101.1-	98.9-
0072	32 21.10	111 1.74	2303.0	12706.00	.4	1270.60	1525.36	38.14-	116.61-	114.55-	.8	.4	.4	117.0-	115.0-
0073	32 22.82	111 1.74	2488.0	12624.00	.5	1262.40	1527.70	31.28-	116.05-	113.82-	.9	.5	.5	116.5-	114.2-
0074	32 22.47	111 1.17	2493.0	12596.00	.5	1259.60	1527.22	33.14-	118.07-	115.84-	.9	.5	.5	118.5-	116.2-
0075	32 24.62	111 1.74	2676.0	12577.00	.5	1257.70	1530.14	20.75-	111.92-	109.53-	.9	.5	.5	112.3-	109.9-
0076	32 4.62	111 18.67	2540.0	12306.00	.1	1230.60	1503.04	33.53-	120.07-	117.80-	.9	.1	.1	120.9-	118.6-
0077	32 .76	111 21.19	2742.0	12089.00	.1	1208.90	1497.83	31.02-	124.44-	121.99-	1.0	.1	.1	125.3-	122.9-
0078	32 .01	111 15.07	3450.0	11631.00	.6	1163.10	1496.81	9.23-	126.77-	123.69-	1.2	.6	.6	127.4-	124.3-
0079	32 .36	111 15.88	3282.0	11715.00	.6	1171.50	1497.29	17.10-	128.92-	125.99-	1.1	.6	.6	129.4-	126.5-
0080	32 5.29	111 1.47	2599.0	12231.00	.3	1223.10	1503.94	36.39-	124.93-	122.61-	.9	.3	.3	125.5-	123.2-
0081	32 .97	111 4.50	3183.0	11780.00	.2	1178.00	1498.11	20.74-	129.18-	126.33-	1.1	.2	.2	130.1-	127.2-
0082	32 10.68	111 .16	2422.0	12602.00	.1	1260.20	1511.24	23.23-	105.74-	103.58-	.9	.1	.1	106.5-	104.4-
0083	32 9.57	111 6.83	2480.0	12574.00	.1	1257.40	1509.73	19.07-	103.56-	101.34-	.9	.1	.1	104.4-	102.1-
0084	32 6.77	111 13.33	2459.0	12358.00		1235.80	1505.94	38.86-	122.63-	120.43-	.9	.0	.0	123.5-	121.3-
0085	32 .04	111 1.72	2979.0	11881.00	.1	1188.10	1496.85	28.56-	130.05-	127.39-	1.0	.1	.1	131.0-	128.3-
0086	32 13.60	111 8.31	2710.0	12554.00	.5	1255.40	1515.19	4.90-	97.22-	94.80-	1.0	.5	.5	97.7-	95.3-
0087	32 14.14	111 3.48	2618.0	12575.00	.3	1257.50	1515.92	12.18-	101.37-	99.03-	.9	.3	.3	102.0-	99.6-
0088	32 11.21	111 5.62	2632.0	12532.00	.2	1253.20	1511.95	11.19-	100.86-	98.51-	.9	.2	.2	101.6-	99.2-
0089	32 11.39	111 13.13	2290.0	12596.00		1259.60	1512.20	37.20-	115.22-	113.17-	.8	.0	.0	116.0-	114.0-
0090	32 .04	111 4.76	3304.0	11691.00	.3	1169.10	1496.85	17.00-	129.57-	126.62-	1.1	.3	.3	130.4-	127.4-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0091 32	.04	111 4.26	3249.0	11726.00	.3	1172.60	1496.85	18.67-	129.36-	126.46-	1.1	.3	.3	130.2-	127.3-
0092 32	.04	111 3.76	3187.0	11767.00	.2	1176.70	1496.85	20.40-	128.98-	126.14-	1.1	.2	.2	129.9-	127.0-
0093 32	.04	111 2.22	3032.0	11851.00	.2	1185.10	1496.85	26.58-	129.88-	127.17-	1.1	.2	.2	130.8-	128.1-
0094 32	.04	111 2.74	3083.0	11824.00	.2	1182.40	1496.85	24.48-	129.52-	126.76-	1.1	.2	.2	130.4-	127.7-
0095 32	.51	111 4.86	3251.0	11740.00	.3	1174.00	1497.49	17.72-	128.48-	125.58-	1.1	.3	.3	129.3-	126.4-
0096 32	.06	111 .69	2884.0	11944.00	.1	1194.40	1496.88	31.22-	129.48-	126.90-	1.0	.1	.1	130.4-	127.8-
0097 32	.06	111 .19	2838.0	11972.00	.1	1198.20	1496.88	31.75-	128.44-	125.90-	1.0	.1	.1	129.3-	126.8-
0098 32 14.79	111 10.76	2724.0	12542.00	.6	1254.20	1516.80	6.39-	99.20-	96.76-	1.0	.6	.6	99.6-	97.2-
0099 32 14.21	111 10.22	2691.0	12572.00	.6	1257.20	1516.02	5.71-	97.39-	94.99-	1.0	.6	.6	97.8-	95.4-
0100 32 13.34	111 9.93	2522.0	12656.00	.3	1265.60	1514.84	12.02-	97.95-	95.69-	.9	.3	.3	98.6-	96.3-
0101 32 13.21	111 8.89	2618.0	12608.00	.4	1260.80	1514.66	7.62-	96.81-	94.47-	.9	.4	.4	97.3-	95.0-
0102 32 10.32	111 4.22	2584.0	12544.00	.2	1254.40	1510.75	13.30-	101.34-	99.03-	.9	.2	.2	102.0-	99.7-
0103 32 10.66	111 2.92	2654.0	12515.00	.2	1251.50	1511.21	10.08-	100.50-	98.13-	.9	.2	.2	101.2-	98.8-
0104 32 10.50	111 1.17	2500.0	12567.00	.1	1256.70	1510.99	19.15-	104.32-	102.09-	.9	.1	.1	105.1-	102.9-
0105 32 11.97	111 6.84	2690.0	12521.00	.4	1252.10	1512.98	7.87-	99.52-	97.11-	1.0	.4	.4	100.1-	97.7-
0106 32 12.94	111 7.78	2644.0	12576.00	.4	1257.60	1514.30	8.01-	98.09-	95.73-	.9	.4	.4	98.6-	96.2-
0107 32 10.61	111 9.97	2393.0	12540.00		1254.00	1511.14	32.06-	113.59-	111.45-	.9	.0	.0	114.5-	112.4-
0108 32 10.62	111 6.83	2532.0	12578.00	.2	1257.80	1511.15	15.20-	101.46-	99.20-	.9	.2	.2	102.2-	99.9-
0109 32 8.21	111 9.53	2423.0	12376.00		1237.60	1507.89	42.39-	124.94-	122.77-	.9	.0	.0	125.8-	123.7-
0110 32 10.62	111 1.94	2558.0	12556.00	.1	1255.60	1511.15	14.95-	102.10-	99.82-	.9	.1	.1	102.9-	100.6-
0111 32 10.74	111 4.90	2605.0	12538.00	.2	1253.80	1511.32	12.50-	101.25-	98.92-	.9	.2	.2	102.0-	99.6-
0112 32 11.50	111 6.07	2634.0	12545.00	.3	1254.50	1512.35	10.10-	99.84-	97.48-	.9	.3	.3	100.4-	98.1-
0113 32 10.62	111 5.79	2574.0	12546.00	.2	1254.60	1511.15	14.45-	102.14-	99.84-	.9	.2	.2	102.8-	100.5-
0114 32 10.62	111 7.84	2476.0	12602.00	.2	1260.20	1511.15	18.07-	102.42-	100.21-	.9	.2	.2	103.1-	100.9-
0115 32 10.61	111 9.53	2405.0	12554.00	.1	1255.40	1511.14	29.53-	111.47-	109.32-	.9	.1	.1	112.3-	110.1-
0116 32 10.53	111 10.76	2354.0	12528.00		1252.80	1511.03	36.82-	117.02-	114.91-	.8	.0	.0	117.8-	115.7-
0117 32 11.43	111 9.99	2420.0	12574.00	.1	1257.40	1512.25	27.23-	109.68-	107.51-	.9	.1	.1	110.5-	108.3-
0118 32 11.77	111 10.46	2399.0	12583.00	.1	1258.30	1512.71	28.76-	110.50-	108.35-	.9	.1	.1	111.3-	109.2-
0119 32 12.64	111 8.18	2594.0	12599.00	.4	1259.90	1513.89	10.00-	98.38-	96.06-	.9	.4	.4	98.9-	96.6-
0120 32 12.37	111 8.86	2550.0	12619.00	.3	1261.90	1513.52	11.78-	98.65-	96.38-	.9	.3	.3	99.3-	97.0-
0121 32 13.36	111 12.29	2333.0	12662.00	.2	1266.20	1514.86	29.22-	108.71-	106.62-	.8	.2	.2	109.3-	107.2-
0122 32 13.49	111 7.49	2733.0	12536.00	.6	1253.60	1515.04	4.38-	97.50-	95.05-	1.0	.6	.6	97.9-	95.5-
0123 32 14.08	111 8.93	2741.0	12537.00	.6	1253.70	1515.84	4.33-	97.71-	95.27-	1.0	.6	.6	98.1-	95.7-
0124 32 12.36	111 7.53	2603.0	12587.00	.4	1258.70	1513.51	9.98-	98.66-	96.34-	.9	.4	.4	99.2-	96.8-
0125 32 11.82	111 8.01	2531.0	12618.00	.3	1261.80	1512.78	12.92-	99.15-	96.89-	.9	.3	.3	99.8-	97.5-
0126 32 11.50	111 8.86	2482.0	12613.00	.2	1261.30	1512.35	17.59-	102.15-	99.94-	.9	.2	.2	102.9-	100.6-
0127 32 11.49	111 6.69	2630.0	12545.00	.3	1254.50	1512.33	10.46-	100.06-	97.71-	.9	.3	.3	100.7-	98.3-
0128 32 11.90	111 5.23	2741.0	12488.00	.8	1248.80	1512.89	6.28-	99.66-	97.21-	1.0	.8	.8	99.9-	97.4-
0129 32 12.53	111 5.62	2953.0	12364.00	1.3	1236.40	1513.74	.40	100.20-	97.56-	1.0	1.3	1.3	99.9-	97.3-
0130 32 7.96	111 13.13	2389.0	12426.00		1242.60	1507.55	40.25-	121.64-	119.51-	.9	.0	.0	122.5-	120.4-
0131 32 10.53	111 13.13	2303.0	12543.00		1254.30	1511.03	40.11-	118.57-	116.52-	.8	.0	.0	119.4-	117.3-
0132 32 8.82	111 13.13	2348.0	12468.00		1246.80	1508.72	41.07-	121.06-	118.96-	.8	.0	.0	121.9-	119.8-
0133 32 9.68	111 13.13	2326.0	12498.00		1249.80	1509.88	41.30-	120.54-	118.47-	.8	.0	.0	121.3-	119.3-
0134 32 12.26	111 12.21	2313.0	12621.00	.1	1262.10	1513.37	33.72-	112.52-	110.45-	.3	.1	.1	113.2-	111.2-
0135 32 12.26	111 13.13	2275.0	12647.00		1264.70	1513.37	34.69-	112.20-	110.16-	.8	.0	.0	113.0-	111.0-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0136	32 13.14	111 13.14	2270.0	12687.00	.1	1268.70	1514.57	32.35=	109.69=	107.66=	.8	.1	.1	110.4=	108.4=
0137	32 3.94	111 2.69	2719.0	12140.00	.2	1214.00	1502.12	32.38=	125.01=	122.58=	1.0	.2	.2	125.8=	123.4=
0138	32 6.24	111 7.87	2590.0	12236.00	.1	1223.60	1505.23	38.02=	126.26=	123.94=	.9	.1	.1	127.1=	124.7=
0139	32 6.24	111 9.94	2555.0	12245.00	.1	1224.50	1505.23	40.41=	127.46=	125.17=	.9	.1	.1	128.3=	126.0=
0140	32 6.24	111 10.96	2540.0	12265.00	.1	1226.50	1505.23	39.82=	126.36=	124.09=	.9	.1	.1	127.2=	124.9=
0141	32 6.24	111 11.98	2518.0	12291.00	.1	1229.10	1505.23	39.29=	125.08=	122.83=	.9	.1	.1	125.9=	123.6=
0142	32 6.86	111 11.56	2471.0	12322.00		1232.20	1506.07	41.45=	125.63=	123.43=	.9	.0	.0	126.5=	124.3=
0143	32 9.74	111 12.11	2327.0	12485.00		1248.50	1509.96	42.59=	121.87=	119.79=	.8	.0	.0	122.7=	120.6=
0144	32 9.27	111 11.23	2348.0	12452.00		1245.20	1509.33	43.28=	123.27=	121.17=	.8	.0	.0	124.1=	122.0=
0145	32 9.68	111 10.99	2346.0	12476.00		1247.60	1509.88	41.62=	121.55=	119.45=	.8	.0	.0	122.4=	120.3=
0146	32 9.26	111 10.33	2368.0	12452.00		1245.20	1509.31	41.38=	122.06=	119.94=	.9	.0	.0	123.0=	120.8=
0147	32 6.28	111 1.69	2531.0	12326.00	.2	1232.60	1505.28	34.62=	120.85=	118.59=	.9	.2	.2	121.6=	119.3=
0148	32 6.27	111 2.73	2540.0	12340.00	.2	1234.00	1505.27	32.36=	118.90=	116.63=	.9	.2	.2	119.6=	117.3=
0149	32 6.27	111 3.76	2604.0	12340.00	.2	1234.00	1505.27	26.34=	115.06=	112.73=	.9	.2	.2	115.8=	113.4=
0150	32 6.26	111 5.81	2610.0	12352.00	.1	1235.20	1505.26	24.57=	113.49=	111.15=	.9	.1	.1	114.3=	112.0=
0151	32 9.16	111 7.69	2443.0	12560.00		1256.00	1509.18	23.39=	106.62=	104.44=	.9	.0	.0	107.5=	105.3=
0152	32 8.56	111 7.86	2443.0	12479.00		1247.90	1508.37	30.68=	113.91=	111.73=	.9	.0	.0	114.8=	112.6=
0153	32 7.99	111 7.86	2470.0	12395.00		1239.50	1507.59	35.77=	119.92=	117.72=	.9	.0	.0	120.8=	118.6=
0154	32 7.11	111 7.88	2522.0	12305.00	.1	1230.50	1506.40	38.69=	124.61=	122.36=	.9	.1	.1	125.4=	123.2=
0155	32 7.11	111 6.84	2539.0	12389.00	.1	1238.90	1506.40	28.69=	115.19=	112.93=	.9	.1	.1	116.0=	113.7=
0156	32 7.56	111 6.84	2511.0	12450.00	.1	1245.00	1507.01	25.83=	111.38=	109.14=	.9	.1	.1	112.2=	109.9=
0157	32 11.76	111 3.38	2712.0	12489.00	.3	1248.90	1512.70	8.72=	101.11=	98.69=	1.0	.3	.3	101.8=	99.4=
0158	32 13.06	111 2.59	2675.0	12516.00	.4	1251.60	1514.46	11.26=	102.39=	100.00=	.9	.4	.4	102.9=	100.5=
0159	32 8.01	111 1.21	2488.0	12471.00	.1	1247.10	1507.62	26.51=	111.27=	109.05=	.9	.1	.1	112.1=	109.9=
0160	32 8.00	111 4.28	2567.0	12459.00	.1	1245.90	1507.61	20.26=	107.72=	105.43=	.9	.1	.1	108.5=	106.2=
0161	32 8.00	111 4.79	2550.0	12476.00	.1	1247.60	1507.61	20.16=	107.04=	104.76=	.9	.1	.1	107.8=	105.6=
0162	32 8.00	111 5.28	2518.0	12492.00	.1	1249.20	1507.61	21.57=	107.36=	105.11=	.9	.1	.1	108.2=	105.9=
0163	32 7.99	111 5.81	2499.0	12501.00	.1	1250.10	1507.59	22.44=	107.58=	105.35=	.9	.1	.1	108.4=	106.2=
0164	32 7.99	111 6.33	2490.0	12499.00		1249.90	1507.59	23.49=	108.32=	106.10=	.9	.0	.0	109.2=	107.0=
0165	32 7.99	111 6.83	2487.0	12491.00		1249.10	1507.59	24.57=	109.30=	107.08=	.9	.0	.0	110.2=	108.0=
0166	32 7.98	111 8.36	2459.0	12370.00		1237.00	1507.58	39.29=	123.07=	120.87=	.9	.0	.0	124.0=	121.8=
0167	32 7.98	111 8.89	2454.0	12355.00		1235.50	1507.58	41.26=	124.87=	122.68=	.9	.0	.0	125.8=	123.6=
0168	32 7.11	111 8.52	2500.0	12302.00	.1	1230.20	1506.40	41.06=	126.23=	124.00=	.9	.1	.1	127.0=	124.8=
0169	32 6.68	111 7.87	2558.0	12270.00	.1	1227.00	1505.82	38.22=	125.37=	123.09=	.9	.1	.1	126.2=	123.9=
0170	32 7.56	111 7.87	2490.0	12347.00		1234.70	1507.01	38.11=	122.94=	120.72=	.9	.0	.0	123.8=	121.6=
0171	32 8.43	111 6.32	2488.0	12530.00		1253.00	1508.19	21.17=	105.94=	103.72=	.9	.0	.0	106.8=	104.6=
0172	32 9.02	111 6.32	2486.0	12556.00		1255.60	1508.99	19.56=	104.26=	102.04=	.9	.0	.0	105.2=	102.9=
0173	32 8.87	111 6.84	2467.0	12556.00		1255.60	1508.79	21.14=	105.19=	102.99=	.9	.0	.0	106.1=	103.9=
0174	32 3.52	111 4.71	2864.0	12060.00	.2	1206.00	1501.55	26.18=	123.75=	121.19=	1.0	.2	.2	124.6=	122.0=
0175	32 4.50	111 5.82	2777.0	12173.00	.2	1217.30	1502.88	24.38=	118.99=	116.51=	1.0	.2	.2	119.8=	117.3=
0176	32 3.52	111 6.84	2951.0	12011.00	.3	1201.10	1501.55	22.90=	123.43=	120.80=	1.0	.3	.3	124.1=	121.5=
0177	32 4.49	111 8.00	2794.0	12054.00	.2	1205.40	1502.86	34.67=	129.86=	127.36=	1.0	.2	.2	130.7=	128.2=
0178	32 .91	111 5.79	3290.0	11741.00	.3	1174.10	1498.03	14.49=	126.58=	123.64=	1.1	.3	.3	127.4=	124.4=
0179	32 2.64	111 6.74	3098.0	11895.00	.3	1189.50	1500.36	19.48=	125.03=	122.26=	1.1	.3	.3	125.8=	123.1=
0180	32 2.64	111 5.77	3053.0	11912.00	.2	1191.20	1500.36	22.01=	126.03=	123.30=	1.1	.2	.2	126.9=	124.2=

STA	LAT		LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0181	32	2.64	111 4.74	2977.0	11957.00	.2	1195.70	1500.36	24.66-	126.09-	123.43-	1.0	.2	.2	126.9-	124.2-
0182	32	1.01	111 3.76	3098.0	11830.00	.2	1183.00	1498.16	23.78-	129.33-	126.56-	1.1	.2	.2	130.2-	127.5-
0183	32	.89	111 2.44	2986.0	11887.00	.2	1188.70	1498.00	28.45-	130.18-	127.51-	1.0	.2	.2	131.0-	128.3-
0184	32	1.86	111 2.66	2909.0	11955.00	.2	1195.50	1499.31	30.20-	129.31-	126.71-	1.0	.2	.2	130.1-	127.5-
0185	32	1.79	111 1.72	2840.0	11988.00	.1	1198.80	1499.22	33.30-	130.05-	127.52-	1.0	.1	.1	131.0-	128.4-
0186	32	3.33	111 10.21	2980.0	11903.00	.3	1190.30	1501.30	30.71-	132.24-	129.58-	1.0	.3	.3	132.9-	130.3-
0187	32	4.43	111 10.93	2748.0	12094.00	.2	1209.40	1502.78	34.91-	128.54-	126.08-	1.0	.2	.2	129.3-	126.9-
0188	32	7.40	111 13.13	2418.0	12392.00		1239.20	1506.80	40.16-	122.54-	120.36-	.9	.0	.0	123.4-	121.3-
0189	32	7.76	111 10.94	2424.0	12355.00		1235.50	1507.28	43.79-	126.37-	124.20-	.9	.0	.0	127.3-	125.1-
0190	32	8.51	111 10.99	2380.0	12400.00		1240.00	1508.30	44.44-	125.52-	123.40-	.9	.0	.0	126.4-	124.3-
0191	32	.86	111 9.89	3456.0	11679.00	.5	1167.90	1497.96	5.02-	122.76-	119.67-	1.2	.5	.5	123.5-	120.4-
0192	32	1.71	111 9.84	3323.0	11737.00	.4	1173.70	1499.11	12.87-	126.08-	123.11-	1.1	.4	.4	126.8-	123.8-
0193	32	.03	111 10.97	3608.0	11590.00	.7	1159.00	1496.84	1.50	121.42-	118.20-	1.2	.7	.7	121.9-	118.7-
0194	32	.89	111 12.96	3424.0	11698.00	.5	1169.80	1498.00	6.17-	122.82-	119.76-	1.2	.5	.5	123.5-	120.5-
0195	32	2.53	111 12.12	3103.0	11841.00	.3	1184.10	1500.21	24.26-	129.98-	127.21-	1.1	.3	.3	130.8-	128.0-
0196	32	4.46	111 14.02	2653.0	12190.00	.2	1219.00	1502.82	34.29-	124.67-	122.30-	.9	.2	.2	125.4-	123.0-
0197	32	.02	111 12.96	3592.0	11610.00	.6	1161.00	1496.83	2.01	120.37-	117.16-	1.2	.6	.6	121.0-	117.8-
0198	32	13.50	111 .81	2432.0	12616.00	.2	1261.60	1515.05	24.70-	107.56-	105.39-	.9	.2	.2	108.3-	106.1-
0199	32	14.14	111 .22	2335.0	12676.00	.2	1267.60	1515.92	28.69-	108.24-	106.16-	.8	.2	.2	108.8-	106.8-
0200	32	13.50	111 1.69	2512.0	12603.00	.3	1260.30	1515.05	18.48-	104.06-	101.82-	.9	.3	.3	104.7-	102.4-
0201	32	14.57	111 4.14	2662.0	12567.00	.4	1256.70	1516.50	9.42-	100.12-	97.74-	.9	.4	.4	100.6-	98.2-
0202	32	14.80	111 4.96	2800.0	12506.00	.6	1250.60	1516.82	2.86-	98.25-	95.75-	1.0	.6	.6	98.7-	96.2-
0203	32	13.57	111 3.54	2802.0	12450.00	.7	1245.00	1515.15	6.60-	102.07-	99.56-	1.0	.7	.7	102.4-	99.9-
0204	32	11.54	111 .66	2457.0	12602.00	.1	1260.20	1512.40	21.10-	104.81-	102.61-	.9	.1	.1	105.6-	103.4-
0205	32	10.94	111 4.23	2653.0	12519.00	.4	1251.90	1511.59	10.15-	100.54-	98.17-	.9	.4	.4	101.0-	98.7-
0206	32	9.76	111 3.72	2611.0	12510.00	.1	1251.00	1509.99	13.41-	102.36-	100.03-	.9	.1	.1	103.2-	100.8-
0207	32	.01	111 13.96	3559.0	11619.00	.6	1161.90	1496.81	.18-	121.44-	118.26-	1.2	.6	.6	122.0-	118.9-
0208	32	1.51	111 4.14	3084.0	11867.00	.2	1186.70	1498.84	22.07-	127.14-	124.39-	1.1	.2	.2	128.0-	125.3-
0209	32	2.44	111 3.48	2907.0	11976.00	.2	1197.60	1500.09	29.07-	128.11-	125.52-	1.0	.2	.2	128.9-	126.3-
0210	32	8.66	111 8.54	2422.0	12431.00		1243.10	1508.50	37.59-	120.11-	117.94-	.9	.0	.0	121.0-	118.8-
0211	32	8.02	111 10.19	2428.0	12355.00		1235.50	1507.64	43.76-	126.48-	124.31-	.9	.0	.0	127.4-	125.2-
0212	32	7.32	111 12.09	2437.0	12359.00		1235.90	1506.69	41.57-	124.59-	122.42-	.9	.0	.0	125.5-	123.3-
0213	32	7.59	111 11.49	2430.0	12357.00		1235.70	1507.05	42.79-	125.58-	123.41-	.9	.0	.0	126.5-	124.3-
0214	32	10.20	111 6.30	2525.0	12365.00	.1	1236.50	1510.59	36.59-	122.61-	120.36-	.9	.1	.1	123.4-	121.2-
0215	32	9.78	111 5.84	2517.0	12557.00	.1	1255.70	1510.02	17.57-	103.32-	101.08-	.9	.1	.1	104.1-	101.9-
0216	32	10.06	111 4.93	2554.0	12548.00	.1	1254.80	1510.40	15.37-	102.39-	100.10-	.9	.1	.1	103.2-	100.9-
0217	32	14.26	111 8.30	2855.0	12469.00	.7	1246.90	1516.08	.66-	97.92-	95.37-	1.0	.7	.7	98.2-	95.7-
0218	32	14.96	111 14.04	2244.0	12745.00	.2	1274.50	1517.03	31.46-	107.91-	105.91-	.8	.2	.2	108.5-	106.5-
0219	32	7.13	111 3.76	2557.0	12414.00	.1	1241.40	1506.43	24.53-	111.64-	109.36-	.9	.1	.1	112.4-	110.2-
0220	32	7.10	111 1.69	2523.0	12372.00	.1	1237.20	1506.39	31.88-	117.84-	115.59-	.9	.1	.1	118.6-	116.4-
0221	32	7.27	111 .99	2489.0	12408.00	.1	1240.80	1506.62	31.71-	116.51-	114.26-	.9	.1	.1	117.3-	115.1-
0222	32	10.46	111 3.63	2609.0	12536.00	.2	1253.60	1510.94	11.94-	100.83-	98.50-	.9	.2	.2	101.5-	99.2-
0223	32	7.02	111 12.71	2448.0	12358.00		1235.80	1506.28	40.23-	123.63-	121.44-	.9	.0	.0	124.5-	122.3-
0224	32	12.40	110 55.56	2480.0	12445.00	.1	1244.50	1513.56	35.80-	120.29-	118.08-	.9	.1	.1	121.1-	118.9-
0225	32	13.59	110 59.97	2357.0	12643.00	.2	1264.30	1515.18	29.18-	109.48-	107.37-	.8	.2	.2	110.1-	108.0-

STA	LAT	LONG	E	MG/DG	TC	DG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0226	32 11.27	110 57.87	2422.0	12557.00	.1	1255.70	1512.03	28.52=	111.04=	108.88=	.9	.1	.1	111.8=	109.7=
0227	32 3.32	110 57.18	2603.0	12087.00		1208.70	1501.28	47.75=	136.43=	134.11=	.9	.0	.0	137.3=	135.0=
0228	32 .07	110 58.67	2719.0	12058.00	.1	1205.80	1496.89	35.35=	127.99=	125.56=	1.0	.1	.1	128.9=	126.5=
0229	32 .07	110 59.68	2795.0	12011.00	.1	1201.10	1496.89	32.91=	128.13=	125.63=	1.0	.1	.1	129.0=	126.5=
0230	32 12.16	110 58.74	2369.0	12606.00	.1	1260.60	1513.24	29.81=	110.52=	108.41=	.9	.1	.1	111.3=	109.2=
0231	32 10.36	110 57.64	2486.0	12476.00		1247.60	1510.80	29.37=	114.07=	111.85=	.9	.0	.0	115.0=	112.8=
0232	32 9.44	110 57.64	2505.0	12423.00		1242.30	1509.56	31.64=	116.98=	114.75=	.9	.0	.0	117.9=	115.7=
0233	32 7.86	110 57.64	2536.0	12313.00		1231.30	1507.42	37.59=	123.99=	121.72=	.9	.0	.0	124.9=	122.6=
0234	32 8.32	110 57.64	2516.0	12348.00		1234.80	1508.04	36.59=	122.31=	120.06=	.9	.0	.0	123.2=	121.0=
0235	32 8.86	110 57.64	2517.0	12382.00		1238.20	1508.77	33.83=	119.58=	117.33=	.9	.0	.0	120.5=	118.2=
0236	32 8.04	110 59.64	2461.0	12441.00		1244.10	1507.66	32.08=	115.93=	113.73=	.9	.0	.0	116.8=	114.6=
0237	32 5.64	110 57.54	2586.0	12175.00		1217.50	1504.42	43.68=	131.79=	129.48=	.9	.0	.0	132.7=	130.4=
0238	32 3.98	110 57.46	2591.0	12107.00		1210.70	1502.17	47.77=	136.04=	133.73=	.9	.0	.0	136.9=	134.6=
0239	32 6.62	110 57.56	2556.0	12252.00		1225.20	1505.74	40.13=	127.21=	124.93=	.9	.0	.0	128.1=	125.8=
0240	32 5.06	110 57.50	2589.0	12140.00		1214.00	1503.63	46.12=	134.32=	132.01=	.9	.0	.0	135.2=	132.9=
0241	32 2.56	110 56.94	2614.0	12082.00	.1	1208.20	1500.26	46.19=	135.25=	132.91=	.9	.1	.1	136.1=	133.7=
0242	32 1.61	110 56.88	2630.0	12066.00	.1	1206.60	1498.97	45.00=	134.60=	132.25=	.9	.1	.1	135.4=	133.1=
0243	32 .87	110 56.97	2642.0	12054.00	.1	1205.40	1497.97	44.07=	134.08=	131.72=	.9	.1	.1	134.9=	132.5=
0244	32 14.80	110 50.13	2545.0	12440.00	.7	1244.00	1516.82	33.44=	120.15=	117.87=	.9	.7	.7	120.4=	118.1=
B245	32 7.56	110 57.22	2558.0	12277.00		1227.70	1507.01	38.71=	125.86=	123.58=	.9	.0	.0	126.8=	124.5=
0246	31 53.98	110 59.10	2841.0	11835.00	.2	1183.50	1488.68	37.97=	134.76=	132.22=	1.0	.2	.2	135.6=	133.0=
0247	31 49.58	110 55.76	3214.0	11386.00	.6	1138.60	1482.76	41.87=	151.37=	148.49=	1.1	.6	.6	151.9=	149.0=
0248	31 47.54	110 52.86	3677.0	11089.00	1.3	1108.90	1480.01	25.29=	150.56=	147.28=	1.2	1.3	1.3	150.5=	147.2=
0249	31 57.90	110 56.12	2709.0	11944.00	.2	1194.40	1493.97	44.77=	137.06=	134.64=	1.0	.2	.2	137.9=	135.4=
0250	31 56.78	110 56.76	2720.0	11913.00	.2	1191.30	1492.45	45.32=	137.99=	135.56=	1.0	.2	.2	138.8=	136.4=
0251	31 53.61	110 52.46	3108.0	11504.00	.5	1150.40	1488.18	45.46=	151.35=	148.57=	1.1	.5	.5	152.0=	149.2=
0252	31 52.48	110 50.94	3425.0	11338.00	.7	1133.80	1486.66	30.73=	147.42=	144.36=	1.2	.7	.7	147.9=	144.9=
0253	31 51.48	110 47.81	4180.0	10899.00	1.5	1089.90	1485.31	2.30=	144.70=	140.97=	1.4	1.5	1.5	144.6=	140.9=
0254	31 50.36	110 50.39	3772.0	11116.00	1.1	1111.60	1483.81	17.45=	145.96=	142.59=	1.3	1.1	1.1	146.2=	142.8=
0255	31 52.44	110 53.43	3150.0	11447.00	.5	1144.70	1486.61	45.64=	152.95=	150.14=	1.1	.5	.5	153.6=	150.7=
0256	31 57.46	110 59.10	2830.0	11930.00	.1	1193.00	1493.37	34.19=	130.61=	128.06=	1.0	.1	.1	131.5=	129.0=
0257	31 57.03	110 58.17	2734.0	11973.00	.2	1197.30	1492.79	38.34=	131.49=	129.04=	1.0	.2	.2	132.3=	129.8=
0258	31 56.43	110 59.22	2852.0	11899.00	.2	1189.90	1491.98	33.84=	131.00=	128.45=	1.0	.2	.2	131.8=	129.3=
0259	31 56.14	110 59.80	2931.0	11854.00	.2	1185.40	1491.59	30.51=	130.37=	127.75=	1.0	.2	.2	131.2=	128.6=
0260	31 55.46	110 59.66	2920.0	11840.00	.2	1184.00	1490.68	32.03=	131.51=	128.91=	1.0	.2	.2	132.3=	129.7=
0261	31 56.28	110 57.43	2730.0	11920.00	.2	1192.00	1491.78	43.01=	136.01=	133.58=	1.0	.2	.2	136.8=	134.4=
0262	31 51.16	110 58.48	2860.0	11734.00	.3	1173.40	1484.88	42.48=	139.92=	137.37=	1.0	.3	.3	140.6=	138.1=
0263	31 49.14	110 55.09	3304.0	11322.00	.7	1132.20	1482.16	39.21=	151.78=	148.83=	1.1	.7	.7	152.2=	149.2=
0264	31 48.31	110 53.98	3473.0	11205.00	.9	1120.50	1481.05	33.90=	152.23=	149.12=	1.2	.9	.9	152.5=	149.4=
0265	31 52.38	110 59.37	2868.0	11806.00	.3	1180.60	1486.53	36.17=	133.88=	131.32=	1.0	.3	.3	134.6=	132.0=
0266	31 50.49	110 58.72	2858.0	11724.00	.3	1172.40	1483.98	42.77=	140.14=	137.58=	1.0	.3	.3	140.8=	138.3=
0267	31 49.81	110 59.02	2872.0	11714.00	.3	1171.40	1483.07	41.54=	139.38=	136.82=	1.0	.3	.3	140.1=	137.5=
0268	31 48.79	110 59.63	2903.0	11669.00	.4	1166.90	1481.69	41.75=	140.65=	138.06=	1.0	.4	.4	141.3=	138.7=
0269	31 48.31	110 59.79	2919.0	11646.00	.4	1164.60	1481.05	41.90=	141.35=	138.74=	1.0	.4	.4	142.0=	139.3=
0270	31 49.34	110 59.41	2884.0	11690.00	.3	1169.00	1482.43	42.18=	140.43=	137.85=	1.0	.3	.3	141.1=	138.6=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0271	31 55.58	110 57.51	2744.0	11894.00	.2	1189.40	1490.84	43.34-	136.83-	134.38-	1.0	.2	.2	137.6-	135.2-
0272	31 55.13	110 57.56	2755.0	11872.00	.3	1187.20	1490.23	43.90-	137.76-	135.30-	1.0	.3	.3	138.5-	136.0-
0273	31 54.44	110 57.62	2770.0	11841.00	.3	1184.10	1489.30	44.66-	139.03-	136.56-	1.0	.3	.3	139.7-	137.3-
0274	31 53.88	110 57.72	2781.0	11824.00	.3	1182.40	1488.55	44.57-	139.32-	136.84-	1.0	.3	.3	140.0-	137.5-
0275	31 53.04	110 58.09	2801.0	11811.00	.3	1181.10	1487.41	42.86-	138.29-	135.79-	1.0	.3	.3	139.0-	136.5-
0276	31 52.19	110 58.18	2823.0	11782.00	.3	1178.20	1486.27	42.55-	138.73-	136.20-	1.0	.3	.3	139.4-	136.9-
0277	31 51.68	110 58.29	2844.0	11760.00	.3	1176.00	1485.58	42.09-	138.98-	136.44-	1.0	.3	.3	139.7-	137.1-
0278	31 48.24	110 52.21	3694.0	11071.00	1.2	1107.10	1480.95	26.43-	152.28-	148.98-	1.2	1.2	1.2	152.3-	149.0-
0279	31 49.12	110 51.64	3731.0	11051.00	1.1	1105.10	1482.14	26.14-	153.25-	149.92-	1.3	1.1	1.1	153.5-	150.1-
0280	31 49.79	110 51.18	3722.0	11083.00	1.0	1108.30	1483.04	24.68-	151.49-	148.16-	1.3	1.0	1.0	151.8-	148.5-
0281	31 50.46	110 59.82	2908.0	11728.00	.3	1172.80	1483.94	37.63-	136.70-	134.10-	1.0	.3	.3	137.4-	134.8-
0282	31 50.00	110 59.97	2930.0	11712.00	.3	1171.20	1483.32	36.54-	136.36-	133.74-	1.0	.3	.3	137.1-	134.4-
0283	31 51.11	110 59.54	2895.0	11745.00	.3	1174.50	1484.82	38.02-	136.65-	134.07-	1.0	.3	.3	137.4-	134.8-
0284	31 51.79	110 59.46	2882.0	11784.00	.3	1178.40	1485.73	36.26-	134.45-	131.87-	1.0	.3	.3	135.2-	132.6-
0285	31 53.51	110 59.16	2849.0	11824.00	.3	1182.40	1488.05	37.68-	134.74-	132.20-	1.0	.3	.3	135.4-	132.9-
0286	31 57.91	110 57.28	2692.0	11998.00	.2	1199.80	1493.98	40.98-	132.69-	130.29-	1.0	.2	.2	133.5-	131.1-
0287	31 58.41	110 57.21	2691.0	12013.00	.2	1201.30	1494.65	40.25-	131.93-	129.52-	1.0	.2	.2	132.7-	130.3-
0288	31 59.22	110 57.12	2673.0	12028.00	.1	1202.80	1495.75	41.53-	132.60-	130.21-	.9	.1	.1	133.4-	131.0-
0289	31 50.43	110 55.07	3196.0	11408.00	.6	1140.80	1483.90	42.50-	151.39-	148.53-	1.1	.6	.6	151.9-	149.0-
0290	31 51.22	110 54.44	3184.0	11410.00	.5	1141.00	1484.96	44.50-	152.97-	150.13-	1.1	.5	.5	153.6-	150.7-
0291	31 50.96	110 53.67	3279.0	11356.00	.7	1135.60	1484.61	40.61-	152.33-	149.40-	1.1	.7	.7	152.7-	149.8-
0292	31 50.56	110 53.04	3398.0	11274.00	.7	1127.40	1484.08	37.08-	152.85-	149.82-	1.2	.7	.7	153.4-	150.3-
0293	31 48.61	110 56.54	3196.0	11391.00	.6	1139.10	1481.45	41.75-	150.64-	147.78-	1.1	.6	.6	151.1-	148.3-
0294	31 55.27	110 56.60	2774.0	11821.00	.3	1182.10	1490.42	47.41-	141.91-	139.44-	1.0	.3	.3	142.6-	140.1-
0295	31 52.46	110 55.60	3006.0	11546.00	.4	1154.60	1486.63	49.30-	151.72-	149.03-	1.1	.4	.4	152.4-	149.7-
0296	31 51.08	110 55.69	3071.0	11492.00	.5	1149.20	1484.78	46.73-	151.36-	148.62-	1.1	.5	.5	152.0-	149.2-
0297	31 53.04	110 56.81	2887.0	11696.00	.3	1169.60	1487.41	46.27-	144.63-	142.05-	1.0	.3	.3	145.3-	142.8-
0298	31 46.91	110 53.18	3672.0	11113.00	1.6	1111.30	1479.16	22.51-	147.61-	144.33-	1.2	1.6	1.6	147.2-	143.9-
0299	31 46.84	110 51.02	3982.0	10921.00	2.5	1092.10	1479.07	12.47-	148.13-	144.57-	1.3	2.5	2.4	146.9-	143.5-
0300	31 47.11	110 51.68	3868.0	10977.00	2.0	1097.70	1479.43	17.95-	149.73-	146.27-	1.3	2.0	1.9	149.0-	145.7-
0301	31 57.50	110 57.28	2705.0	11978.00	.2	1197.80	1493.43	41.20-	133.36-	130.94-	1.0	.2	.2	134.2-	131.7-
0302	31 51.03	110 48.77	4019.0	10985.00	1.4	1098.50	1484.71	8.23-	145.15-	141.56-	1.3	1.4	1.4	145.1-	141.5-
0303	31 48.29	111 .76	2966.0	11642.00	.3	1164.20	1481.02	37.85-	138.90-	136.25-	1.0	.3	.3	139.6-	137.0-
0304	31 51.97	111 6.04	3640.0	11385.00	.4	1138.50	1485.97	5.13-	129.14-	125.89-	1.2	.4	.4	129.9-	126.7-
0305	31 50.44	111 8.34	3777.0	11262.00	.6	1126.20	1483.91	2.49-	131.17-	127.79-	1.3	.6	.6	131.9-	128.5-
0306	31 45.79	111 12.80	3635.0	11307.00	.3	1130.70	1477.66	5.08-	128.92-	125.68-	1.2	.3	.3	129.8-	126.6-
0307	31 55.98	111 1.71	3184.0	11687.00	.2	1168.70	1491.38	23.21-	131.69-	128.84-	1.1	.2	.2	132.6-	129.7-
0308	31 47.10	111 10.33	3742.0	11221.00	.3	1122.10	1479.42	5.38-	132.87-	129.53-	1.3	.3	.3	133.9-	130.5-
0309	31 48.98	111 5.43	3407.0	11407.00	.3	1140.70	1481.95	20.81-	136.89-	133.84-	1.2	.3	.3	137.8-	134.7-
0310	31 52.66	111 4.61	3572.0	11423.00	.2	1142.30	1486.90	8.65-	130.35-	127.16-	1.2	.2	.2	131.4-	128.2-
0311	31 58.96	111 5.53	3475.0	11577.00	.3	1157.70	1495.40	10.87-	129.26-	126.15-	1.2	.3	.3	130.2-	127.1-
0312	31 58.36	111 5.66	3549.0	11532.00	.4	1153.20	1494.59	7.60-	128.51-	125.34-	1.2	.4	.4	129.3-	126.1-
0313	31 55.56	111 3.57	3411.0	11541.00	.2	1154.10	1490.81	15.90-	132.11-	129.06-	1.2	.2	.2	133.1-	130.1-
0314	31 53.90	111 3.36	3431.0	11527.00	.2	1152.70	1488.57	13.18-	130.07-	127.01-	1.2	.2	.2	131.1-	128.0-
0315	31 52.44	111 3.59	3430.0	11522.00	.2	1152.20	1486.61	11.81-	128.66-	125.60-	1.2	.2	.2	129.7-	126.6-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0316	31 51.22	111 2.56	3254.0	11606.00	.2	1160.60	1484.96	18.31=	129.17=	126.27=	1.1	.2	.2	130.1=	127.2=
0317	31 50.66	111 1.72	3133.0	11662.00	.2	1166.20	1484.21	23.34=	130.08=	127.28=	1.1	.2	.2	131.0=	128.2=
0318	31 51.74	111 3.02	3327.0	11572.00	.2	1157.20	1485.66	15.55=	128.90=	125.93=	1.1	.2	.2	129.8=	126.8=
0319	31 52.57	111 5.39	3634.0	11389.00	.2	1138.90	1486.78	6.10=	129.91=	126.66=	1.2	.2	.2	130.9=	127.7=
0320	31 50.99	111 7.30	3703.0	11346.00	.6	1134.60	1484.65	1.79=	127.94=	124.64=	1.2	.6	.6	128.5=	125.2=
0321	31 58.30	111 6.22	3583.0	11505.00	.4	1150.50	1494.50	7.02=	129.09=	125.89=	1.2	.4	.4	129.9=	126.7=
0322	31 58.93	111 6.94	3584.0	11535.00	.5	1153.50	1495.35	4.78=	126.88=	123.68=	1.2	.5	.5	127.6=	124.4=
0323	31 58.84	111 7.94	3690.0	11485.00	.6	1148.50	1495.23	.31	125.40=	122.11=	1.2	.6	.6	126.0=	122.7=
0324	31 59.00	111 8.53	3741.0	11466.00	.6	1146.60	1495.45	2.99	124.45=	121.12=	1.3	.6	.6	125.2=	121.8=
0325	31 59.06	111 9.88	3773.0	11467.00	.8	1146.70	1495.53	6.02	122.52=	119.15=	1.3	.8	.8	123.0=	119.7=
0326	31 58.04	111 11.98	4124.0	11248.00	1.2	1124.80	1494.15	18.50	122.00=	118.32=	1.4	1.2	1.2	122.2=	118.5=
0327	31 57.88	111 12.81	4089.0	11274.00	1.1	1127.40	1493.94	18.02	121.29=	117.63=	1.3	1.1	1.1	121.5=	117.8=
0328	31 57.84	111 10.99	4146.0	11222.00	1.2	1122.20	1493.88	18.24	123.01=	119.31=	1.4	1.2	1.2	123.2=	119.5=
0329	31 59.50	111 5.50	3403.0	11643.00	.3	1164.30	1496.12	11.76=	127.70=	124.66=	1.2	.3	.3	128.6=	125.6=
0330	31 57.90	111 6.63	3689.0	11439.00	.5	1143.90	1493.97	3.11=	128.79=	125.50=	1.2	.5	.5	129.5=	126.2=
0331	31 57.69	111 5.89	3626.0	11467.00	.4	1146.70	1493.68	5.95=	129.49=	126.25=	1.2	.4	.4	130.3=	127.1=
0332	31 57.56	111 4.58	3459.0	11556.00	.3	1155.60	1493.51	12.58=	130.43=	127.34=	1.2	.3	.3	131.3=	128.2=
0333	31 57.26	111 5.36	3556.0	11495.00	.3	1149.50	1493.10	9.16=	130.31=	127.13=	1.2	.3	.3	131.2=	128.0=
0334	31 52.78	111 9.20	4162.0	11096.00	1.1	1109.60	1487.06	13.96	127.83=	124.12=	1.4	1.1	1.1	128.1=	124.4=
0335	31 56.24	111 3.74	3431.0	11536.00	.2	1153.60	1491.73	15.43=	132.32=	129.26=	1.2	.2	.2	133.3=	130.3=
0336	31 55.38	111 5.01	3622.0	11414.00	.3	1141.40	1490.57	8.52=	131.91=	128.68=	1.2	.3	.3	132.8=	129.6=
0337	31 55.49	111 4.19	3502.0	11494.00	.2	1149.40	1490.72	11.95=	131.26=	128.13=	1.2	.2	.2	132.3=	129.1=
0338	31 55.08	111 3.41	3391.0	11556.00	.2	1155.60	1490.16	15.63=	131.16=	128.13=	1.2	.2	.2	132.2=	129.1=
0339	31 54.51	111 3.46	3434.0	11519.00	.2	1151.90	1489.40	14.52=	131.51=	128.45=	1.2	.2	.2	132.5=	129.5=
0340	31 56.57	111 2.72	3294.0	11628.00	.2	1162.80	1492.17	19.56=	131.78=	128.84=	1.1	.2	.2	132.7=	129.7=
0341	31 56.57	111 2.22	3233.0	11675.00	.2	1167.50	1492.17	20.60=	130.74=	127.85=	1.1	.2	.2	131.6=	128.8=
0342	31 57.44	111 1.72	3148.0	11754.00	.1	1175.40	1493.34	21.86=	129.11=	126.30=	1.1	.1	.1	130.1=	127.3=
0343	31 57.46	111 2.72	3267.0	11662.00	.2	1166.20	1493.37	19.90=	131.20=	128.29=	1.1	.2	.2	132.1=	129.2=
0344	31 57.44	111 2.22	3210.0	11711.00	.2	1171.10	1493.34	20.33=	129.69=	126.83=	1.1	.2	.2	130.6=	127.7=
0345	31 53.56	111 3.39	3435.0	11540.00	.2	1154.00	1488.12	11.05=	128.07=	125.00=	1.2	.2	.2	129.1=	126.0=
0346	31 57.16	111 4.29	3455.0	11539.00	.3	1153.90	1492.97	14.12=	131.83=	128.74=	1.2	.3	.3	132.7=	129.6=
0347	31 58.02	111 5.34	3537.0	11533.00	.3	1153.30	1494.13	8.17=	128.67=	125.51=	1.2	.3	.3	129.6=	126.4=
0348	31 58.78	111 4.53	3391.0	11618.00	.3	1161.80	1495.15	14.42=	129.95=	126.92=	1.2	.3	.3	130.9=	127.8=
0349	31 56.13	111 1.18	3115.0	11767.00	.2	1176.70	1491.58	21.89=	128.02=	125.24=	1.1	.2	.2	128.9=	126.1=
0350	31 55.81	111 .73	3058.0	11779.00	.2	1177.90	1491.15	25.63=	129.81=	127.08=	1.1	.2	.2	130.7=	128.0=
0351	31 54.80	111 3.37	3437.0	11530.00	.2	1153.00	1489.79	13.53=	130.62=	127.55=	1.2	.2	.2	131.6=	128.6=
0352	31 46.31	111 10.08	3632.0	11275.00	.3	1127.50	1478.36	9.26=	133.00=	129.76=	1.2	.3	.3	133.9=	130.7=
0353	31 52.86	111 4.00	3514.0	11476.00	.2	1147.60	1487.17	9.07=	128.79=	125.65=	1.2	.2	.2	129.8=	126.7=
0354	31 52.81	111 5.10	3638.0	11389.00	.3	1138.90	1487.10	6.05=	129.99=	126.74=	1.2	.3	.3	130.9=	127.6=
0355	31 52.20	111 5.09	3581.0	11410.00	.3	1141.00	1486.28	8.48=	130.49=	127.29=	1.2	.3	.3	131.4=	128.2=
0356	31 48.74	111 1.80	3050.0	11607.00	.3	1160.70	1481.63	34.06=	137.97=	135.25=	1.1	.3	.3	138.8=	136.1=
0357	31 52.11	111 3.19	3373.0	11547.00	.2	1154.70	1486.16	14.22=	129.14=	126.12=	1.2	.2	.2	130.1=	127.1=
0358	31 50.29	111 7.91	3730.0	11296.00	.6	1129.60	1483.71	3.30=	130.38=	127.05=	1.3	.6	.6	131.1=	127.8=
0359	31 50.34	111 7.44	3688.0	11335.00	.6	1133.50	1483.78	3.42=	129.07=	125.77=	1.2	.6	.6	129.7=	126.4=
0360	31 50.10	111 6.89	3556.0	11412.00	.5	1141.20	1483.46	7.81=	128.96=	125.78=	1.2	.5	.5	129.7=	126.5=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0361	31 49.94	111 6.23	3488.0	11448.00	.8	1144.80	1483.24	10.39-	129.22-	126.11-	1.2	.8	.8	129.6-	126.5-
0362	31 51.37	111 7.24	3792.0	11301.00	.7	1130.10	1485.17	1.57	127.62-	124.23-	1.3	.7	.7	128.2-	124.8-
0363	31 49.76	111 8.52	3876.0	11178.00	.5	1117.80	1483.00	.66-	132.72-	129.25-	1.3	.5	.5	133.5-	130.1-
0364	31 49.37	111 8.73	3814.0	11204.00	.5	1120.40	1482.47	3.37-	133.31-	129.90-	1.3	.5	.5	134.1-	130.7-
0365	31 48.87	111 8.84	3846.0	11170.00	.5	1117.00	1481.80	3.09-	134.12-	130.68-	1.3	.5	.5	134.9-	131.5-
0366	31 47.64	111 10.56	3841.0	11175.00	.3	1117.50	1480.15	1.40-	132.26-	128.83-	1.3	.3	.3	133.3-	129.8-
0367	31 48.24	111 9.92	3843.0	11175.00	.4	1117.50	1480.95	2.02-	132.95-	129.52-	1.3	.4	.4	133.9-	130.4-
0368	31 48.89	111 9.71	3902.0	11145.00	.5	1114.50	1481.83	.35-	133.29-	129.80-	1.3	.5	.5	134.1-	130.6-
0369	31 50.80	111 8.50	3911.0	11207.00	.6	1120.70	1484.40	4.13	129.12-	125.62-	1.3	.6	.6	129.8-	126.3-
0370	31 51.13	111 .54	3011.0	11697.00	.3	1169.70	1484.84	31.94-	134.52-	131.83-	1.1	.3	.3	135.3-	132.6-
0371	31 45.01	111 11.17	3526.0	11312.00	.2	1131.20	1476.61	13.78-	133.91-	130.76-	1.2	.2	.2	134.9-	131.8-
0372	31 47.03	111 4.69	3298.0	11434.00	.3	1143.40	1479.33	25.74-	138.10-	135.15-	1.1	.3	.3	138.9-	136.0-
0373	31 48.40	111 1.40	3009.0	11628.00	.3	1162.80	1481.17	35.36-	137.87-	135.18-	1.1	.3	.3	138.7-	136.0-
0374	31 47.91	111 3.26	3206.0	11500.00	.3	1150.00	1480.51	28.97-	138.20-	135.33-	1.1	.3	.3	139.0-	136.1-
0375	31 47.80	111 1.02	2950.0	11639.00	.3	1163.90	1480.36	39.00-	139.50-	136.87-	1.0	.3	.3	140.2-	137.6-
0376	31 47.86	111 1.53	3070.0	11572.00	.3	1157.20	1480.44	34.49-	139.09-	136.34-	1.1	.3	.3	139.9-	137.1-
0377	31 46.24	111 1.94	2998.0	11537.00	.3	1153.70	1478.26	42.59-	144.72-	142.05-	1.0	.3	.3	145.4-	142.8-
0378	31 45.84	111 2.14	3001.0	11515.00	.3	1151.50	1477.73	43.97-	146.21-	143.53-	1.0	.3	.3	146.9-	144.2-
0379	31 49.32	111 .22	2926.0	11691.00	.3	1169.10	1482.41	38.10-	137.79-	135.17-	1.0	.3	.3	138.5-	135.9-
0380	31 48.74	111 .48	2940.0	11667.00	.3	1166.70	1481.63	38.40-	138.57-	135.94-	1.0	.3	.3	139.3-	136.6-
0381	31 49.56	111 10.92	4208.0	10985.00	1.7	1098.50	1482.73	11.52	131.84-	128.08-	1.4	1.7	1.7	131.5-	127.8-
0382	31 57.28	111 14.80	3847.0	11422.00	1.2	1142.20	1493.13	10.88	120.19-	116.75-	1.3	1.2	1.2	120.3-	116.9-
0383	31 55.14	111 14.91	4123.0	11230.00	1.4	1123.00	1490.24	20.51	119.95-	116.27-	1.4	1.4	1.4	120.0-	116.3-
0384	31 48.00	111 10.98	3949.0	11122.00	.5	1112.20	1480.63	2.97	131.57-	128.04-	1.3	.5	.5	132.4-	128.8-
0385	31 45.49	111 9.74	3520.0	11328.00	.2	1132.80	1477.26	13.39-	133.32-	130.17-	1.2	.2	.2	134.3-	131.2-
0386	31 46.04	111 9.47	3568.0	11313.00	.2	1131.30	1478.00	11.12-	132.68-	129.49-	1.2	.2	.2	133.7-	130.5-
0387	31 45.71	111 10.60	3603.0	11278.00	.2	1127.80	1477.55	10.88-	133.64-	130.42-	1.2	.2	.2	134.6-	131.4-
0388	31 45.31	111 2.40	3021.0	11486.00	.3	1148.60	1477.01	44.27-	147.20-	144.50-	1.1	.3	.3	148.0-	145.3-
0389	31 45.30	111 11.84	3563.0	11310.00	.3	1131.00	1477.00	10.89-	132.28-	129.10-	1.2	.3	.3	133.2-	130.0-
0390	31 46.22	111 13.08	3687.0	11285.00	.3	1128.50	1478.24	2.97-	128.59-	125.29-	1.2	.3	.3	129.5-	126.2-
0391	31 47.10	111 10.99	3778.0	11210.00	.3	1121.00	1479.42	3.10-	131.81-	128.44-	1.3	.3	.3	132.8-	129.4-
0392	31 47.14	111 13.51	3795.0	11240.00	.3	1124.00	1479.47	1.45	127.85-	124.46-	1.3	.3	.3	128.9-	125.5-
0393	31 46.57	111 14.21	3712.0	11296.00	.3	1129.60	1478.71	.01	126.46-	123.14-	1.2	.3	.3	127.4-	124.0-
0394	31 46.56	111 13.67	3701.0	11289.00	.3	1128.90	1478.69	1.71-	127.80-	124.50-	1.2	.3	.3	128.7-	125.4-
0395	31 48.31	111 13.14	3949.0	11175.00	.5	1117.50	1481.05	7.85	126.69-	123.16-	1.3	.5	.5	127.5-	124.0-
0396	31 45.30	111 4.62	3211.0	11440.00	.3	1144.00	1477.00	30.99-	140.39-	137.52-	1.1	.3	.3	141.2-	138.3-
0397	31 46.72	111 1.03	2944.0	11583.00	.4	1158.30	1478.91	43.71-	144.01-	141.38-	1.0	.4	.4	144.6-	142.0-
0398	31 46.00	111 1.22	2970.0	11523.00	.4	1152.30	1477.94	46.30-	147.48-	144.83-	1.0	.4	.4	148.1-	145.4-
0399	31 45.20	111 1.69	2989.0	11485.00	.3	1148.50	1476.87	47.23-	149.07-	146.40-	1.0	.3	.3	149.8-	147.1-
0400	31 59.50	111 6.83	3558.0	11564.00	.4	1156.40	1496.12	5.09-	126.31-	123.13-	1.2	.4	.4	127.1-	123.9-
0401	31 53.08	111 3.54	3419.0	11547.00	.2	1154.70	1487.47	11.20-	127.69-	124.63-	1.2	.2	.2	128.7-	125.6-
0402	31 50.68	111 .74	3032.0	11675.00	.3	1167.50	1484.24	31.56-	134.86-	132.15-	1.1	.3	.3	135.7-	133.0-
0403	31 50.00	111 24.92	3026.0	11704.00	.1	1170.40	1483.32	28.31-	131.40-	128.70-	1.1	.1	.1	132.4-	129.7-
0404	31 47.37	111 27.23	3249.0	11540.00	.3	1154.00	1479.78	20.20-	130.89-	127.99-	1.1	.3	.3	131.7-	128.8-
0405	31 49.04	111 15.94	3731.0	11423.00	.5	1142.30	1482.03	11.17	115.94-	112.61-	1.3	.5	.5	116.7-	113.4-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0406	31 51.97	111 20.97	3240.0	11751.00	.3	1175.10	1485.97	6.14=	116.52=	113.63=	1.1	.3	.3	117.3=	114.4=
0407	31 53.72	111 18.29	3555.0	11659.00	.8	1165.90	1488.33	11.92	109.19=	106.02=	1.2	.8	.8	109.6=	106.4=
0408	31 55.74	111 22.06	2989.0	11934.00	.2	1193.40	1491.05	16.52=	118.35=	115.68=	1.0	.2	.2	119.2=	116.5=
0409	31 58.33	111 22.82	2785.0	12028.00	.1	1202.80	1494.55	29.80=	124.68=	122.19=	1.0	.1	.1	125.6=	123.1=
0410	31 55.66	111 18.46	3436.0	11751.00	.7	1175.10	1490.95	7.32	109.74=	106.67=	1.2	.7	.7	110.2=	107.2=
0411	31 58.87	111 23.86	2762.0	12031.00	.1	1203.10	1495.27	32.39=	126.49=	124.02=	1.0	.1	.1	127.4=	124.9=
0412	31 58.24	111 24.60	2834.0	11965.00	.1	1196.50	1494.42	31.37=	127.92=	125.39=	1.0	.1	.1	128.8=	126.3=
0413	31 59.79	111 17.99	3179.0	11803.00	.4	1180.30	1496.52	17.22=	125.52=	122.68=	1.1	.4	.4	126.2=	123.4=
0414	31 57.97	111 15.46	3667.0	11547.00	1.1	1154.70	1494.06	5.52	119.41=	116.13=	1.2	1.1	1.1	119.5=	116.2=
0415	31 57.04	111 15.53	3775.0	11480.00	.9	1148.00	1492.81	10.23	118.38=	115.01=	1.3	.9	.9	118.8=	115.4=
0416	31 55.80	111 16.08	3826.0	11450.00	1.1	1145.00	1491.13	13.70	116.65=	113.23=	1.3	1.1	1.1	116.9=	113.4=
0417	31 57.37	111 15.86	3683.0	11549.00	.8	1154.90	1493.25	8.04	117.44=	114.15=	1.2	.8	.8	117.8=	114.6=
0418	31 58.97	111 22.38	2786.0	12035.00	.1	1203.50	1495.41	29.87=	124.78=	122.30=	1.0	.1	.1	125.7=	123.2=
0419	31 55.80	111 17.64	3547.0	11661.00	.7	1166.10	1491.13	8.57	112.28=	109.11=	1.2	.7	.7	112.8=	109.6=
0420	31 57.06	111 17.74	3463.0	11691.00	.6	1169.10	1492.83	1.97	116.01=	112.92=	1.2	.6	.6	116.6=	113.5=
0421	31 48.83	111 15.18	3831.0	11341.00	.6	1134.10	1481.75	12.66	117.86=	114.44=	1.3	.6	.6	118.6=	115.1=
0422	31 48.02	111 15.99	3606.0	11469.00	.7	1146.90	1480.66	5.39	117.46=	114.24=	1.2	.7	.7	118.0=	114.7=
0423	31 47.90	111 15.10	3829.0	11306.00	.4	1130.60	1480.50	10.22	120.23=	116.81=	1.3	.4	.4	121.1=	117.7=
0424	31 47.29	111 15.16	3683.0	11379.00	.5	1137.90	1479.68	4.61	120.86=	117.57=	1.2	.5	.5	121.6=	118.3=
0425	31 47.69	111 16.97	3583.0	11458.00	.5	1145.80	1480.21	2.57	119.50=	116.30=	1.2	.5	.5	120.2=	117.0=
0426	31 47.41	111 17.73	3514.0	11489.00	.4	1148.90	1479.84	.44=	120.16=	117.02=	1.2	.4	.4	121.0=	117.8=
0427	31 45.98	111 16.20	3544.0	11465.00	.3	1146.50	1477.91	1.91	118.84=	115.67=	1.2	.3	.3	119.7=	116.6=
0428	31 51.76	111 19.17	3439.0	11652.00	.5	1165.20	1485.69	2.95	114.21=	111.14=	1.2	.5	.5	114.9=	111.8=
0429	31 48.72	111 17.91	3527.0	11480.00	.4	1148.00	1481.60	1.88=	122.04=	118.89=	1.2	.4	.4	122.8=	119.7=
0430	31 47.86	111 18.90	3422.0	11491.00	.3	1149.10	1480.44	9.50=	126.08=	123.02=	1.2	.3	.3	127.0=	123.9=
0431	31 48.84	111 19.30	3417.0	11534.00	.4	1153.40	1481.76	6.98=	123.40=	120.34=	1.2	.4	.4	124.2=	121.1=
0432	31 50.17	111 19.39	3415.0	11603.00	.5	1160.30	1483.55	2.06=	118.41=	115.36=	1.2	.5	.5	119.1=	116.1=
0433	31 52.91	111 24.54	2956.0	11855.00	.1	1185.50	1487.24	23.71=	124.42=	121.78=	1.0	.1	.1	125.3=	122.7=
0434	31 53.39	111 29.79	3303.0	11633.00	.4	1163.30	1487.89	13.93=	126.46=	123.51=	1.1	.4	.4	127.2=	124.2=
0435	31 54.10	111 29.41	3302.0	11639.00	.4	1163.90	1488.84	14.38=	126.88=	123.93=	1.1	.4	.4	127.6=	124.6=
0436	31 54.91	111 29.12	3311.0	11660.00	.4	1166.00	1489.93	12.52=	125.33=	122.37=	1.1	.4	.4	126.0=	123.1=
0437	31 55.70	111 28.76	3318.0	11667.00	.4	1166.70	1491.00	12.23=	125.27=	122.31=	1.1	.4	.4	126.0=	123.0=
0438	31 56.34	111 27.96	3208.0	11737.00	.3	1173.70	1491.86	16.44=	125.73=	122.87=	1.1	.3	.3	126.5=	123.7=
0439	31 55.97	111 23.43	2842.0	12005.00	.1	1200.50	1491.36	23.56=	120.38=	117.84=	1.0	.1	.1	121.3=	118.7=
0440	31 55.09	111 23.41	2851.0	12013.00	.1	1201.30	1490.18	20.72=	117.85=	115.31=	1.0	.1	.1	118.8=	116.2=
0441	31 54.24	111 23.41	2883.0	11989.00	.1	1198.90	1489.03	18.97=	117.19=	114.61=	1.0	.1	.1	118.1=	115.5=
0442	31 53.46	111 23.56	2905.0	11947.00	.1	1194.70	1487.98	20.05=	119.02=	116.42=	1.0	.1	.1	119.9=	117.3=
0443	31 52.34	111 23.67	2942.0	11874.00	.1	1187.40	1486.47	22.36=	122.59=	119.96=	1.0	.1	.1	123.5=	120.9=
0444	31 51.79	111 23.86	2950.0	11848.00	.1	1184.80	1485.73	23.47=	123.97=	121.34=	1.0	.1	.1	124.9=	122.2=
0445	31 50.96	111 23.86	3002.0	11780.00	.1	1178.00	1484.61	24.26=	126.54=	123.85=	1.0	.1	.1	127.4=	124.8=
0446	31 50.37	111 23.19	3072.0	11734.00	.1	1173.40	1483.82	21.48=	126.14=	123.40=	1.1	.1	.1	127.1=	124.4=
0447	31 49.81	111 22.24	3148.0	11689.00	.2	1168.90	1483.07	18.08=	125.33=	122.52=	1.1	.2	.2	126.2=	123.4=
0448	31 49.49	111 21.19	3237.0	11639.00	.3	1163.90	1482.64	14.28=	124.57=	121.67=	1.1	.3	.3	125.4=	122.5=
0449	31 49.02	111 20.27	3332.0	11584.00	.3	1158.40	1482.00	10.22=	123.74=	120.76=	1.1	.3	.3	124.5=	121.6=
0450	31 45.78	111 16.99	3479.0	11481.00	.3	1148.10	1477.65	2.34=	120.86=	117.76=	1.2	.3	.3	121.8=	118.7=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0451	31 45.57	111 17.98	3422.0	11504.00	.2	1150.40	1477.36	5.12-	121.70-	118.64-	1.2	.2	.2	122.7-	119.6-
0452	31 45.59	111 19.09	3355.0	11534.00	.2	1153.40	1477.39	8.44-	122.74-	119.75-	1.2	.2	.2	123.7-	120.8-
0453	31 46.26	111 20.07	3288.0	11533.00	.2	1153.30	1478.29	15.74-	127.76-	124.83-	1.1	.2	.2	128.7-	125.7-
0454	31 46.54	111 21.03	3233.0	11542.00	.1	1154.20	1478.67	20.39-	130.54-	127.65-	1.1	.1	.1	131.5-	128.7-
0455	31 46.71	111 22.10	3178.0	11552.00	.1	1155.20	1478.90	24.79-	133.06-	130.22-	1.1	.1	.1	134.1-	131.2-
0456	31 46.99	111 23.66	3085.0	11583.00	.1	1158.30	1479.27	30.81-	135.92-	133.16-	1.1	.1	.1	136.9-	134.2-
0457	31 48.11	111 26.74	3186.0	11579.00	.2	1157.90	1480.78	23.22-	131.77-	128.92-	1.1	.2	.2	132.7-	129.8-
0458	31 48.91	111 26.43	3144.0	11616.00	.2	1161.60	1481.86	24.55-	131.66-	128.85-	1.1	.2	.2	132.6-	129.8-
0459	31 48.90	111 27.21	3191.0	11612.00	.3	1161.20	1481.84	20.51-	129.23-	126.36-	1.1	.3	.3	130.0-	127.2-
0460	31 48.94	111 28.12	3263.0	11595.00	.3	1159.50	1481.90	15.50-	126.67-	123.75-	1.1	.3	.3	127.5-	124.6-
0461	31 48.97	111 28.96	3347.0	11595.00	.4	1159.50	1481.94	7.64-	121.67-	118.68-	1.2	.4	.4	122.5-	119.5-
0462	31 49.44	111 25.97	3092.0	11644.00	.1	1164.40	1482.57	27.35-	132.69-	129.93-	1.1	.1	.1	133.7-	130.9-
0463	31 50.16	111 24.19	2994.0	11746.00	.1	1174.60	1483.54	27.33-	129.34-	126.66-	1.0	.1	.1	130.2-	127.6-
0464	31 57.69	111 23.14	2795.0	12020.00	.1	1202.00	1493.68	28.79-	124.02-	121.52-	1.0	.1	.1	124.9-	122.4-
0465	31 59.96	111 21.72	2763.0	12064.00	.1	1206.40	1496.75	30.47-	124.60-	122.13-	1.0	.1	.1	125.5-	123.0-
0466	31 53.64	111 19.08	3430.0	11726.00	.6	1172.60	1488.22	6.98	109.88-	106.82-	1.2	.6	.6	110.5-	107.4-
0467	31 53.50	111 19.76	3352.0	11763.00	.5	1176.30	1488.03	3.53	110.67-	107.68-	1.2	.5	.5	111.4-	108.4-
0468	31 53.38	111 20.49	3255.0	11800.00	.4	1180.00	1487.87	1.73-	112.62-	109.72-	1.1	.4	.4	113.3-	110.4-
0469	31 53.10	111 22.06	3087.0	11855.00	.2	1185.50	1487.50	11.65-	116.82-	114.06-	1.1	.2	.2	117.7-	115.0-
0470	31 53.08	111 23.11	2985.0	11897.00	.2	1189.70	1487.47	17.01-	118.71-	116.04-	1.0	.2	.2	119.5-	116.8-
0471	31 54.79	111 22.56	2961.0	11966.00	.2	1196.60	1489.77	14.67-	115.55-	112.91-	1.0	.2	.2	116.4-	113.7-
0472	31 59.89	111 17.47	3215.0	11781.00	.4	1178.10	1496.65	16.17-	125.70-	122.83-	1.1	.4	.4	126.4-	123.5-
0473	31 58.39	111 17.94	3342.0	11718.00	.5	1171.80	1494.63	8.50-	122.36-	119.38-	1.1	.5	.5	123.0-	120.0-
0474	31 57.50	111 18.99	3286.0	11769.00	.4	1176.90	1493.43	7.47-	119.42-	116.48-	1.1	.4	.4	120.1-	117.2-
0475	31 57.50	111 19.99	3147.0	11824.00	.3	1182.40	1493.43	15.04-	122.25-	119.44-	1.1	.3	.3	123.1-	120.2-
0476	31 56.86	111 23.36	2822.0	12006.00	.1	1200.60	1492.56	26.54-	122.68-	120.16-	1.0	.1	.1	123.6-	121.1-
0477	31 52.86	111 23.72	2928.0	11902.00	.1	1190.20	1487.17	21.58-	121.33-	118.72-	1.0	.1	.1	122.2-	119.6-
0478	31 50.46	111 16.31	3802.0	11433.00	.8	1143.30	1483.94	16.94	112.59-	109.20-	1.3	.8	.8	113.1-	109.7-
0479	31 51.36	111 17.93	3650.0	11525.00	.7	1152.50	1485.15	10.63	113.72-	110.46-	1.2	.7	.7	114.2-	111.0-
0480	31 52.32	111 18.06	3660.0	11552.00	.7	1155.20	1486.45	12.98	111.71-	108.44-	1.2	.7	.7	112.2-	108.9-
0481	31 53.19	111 18.71	3489.0	11679.00	.7	1167.90	1487.62	8.43	110.44-	107.32-	1.2	.7	.7	110.9-	107.8-
0482	31 54.01	111 17.50	3668.0	11596.00	1.1	1159.60	1488.72	15.86	109.11-	105.83-	1.2	1.1	1.1	109.2-	105.9-
0483	31 54.39	111 17.52	3653.0	11607.00	1.1	1160.70	1489.23	15.03	109.42-	106.16-	1.2	1.1	1.1	109.5-	106.3-
0484	31 49.09	111 30.04	3451.0	11580.00	.6	1158.00	1482.10	.48	117.10-	114.01-	1.2	.6	.6	117.7-	114.6-
0485	31 39.60	111 17.79	3762.0	11191.00	.2	1119.10	1469.35	3.57	124.60-	121.24-	1.3	.2	.2	125.7-	122.3-
0486	31 44.90	111 2.71	3028.0	11468.00	.3	1146.80	1476.46	44.86-	148.03-	145.32-	1.1	.3	.3	148.8-	146.1-
0487	31 40.72	111 10.94	3657.0	11097.00	.4	1109.70	1470.85	17.20-	141.79-	138.53-	1.2	.4	.4	142.6-	139.3-
0488	31 43.94	111 3.14	3050.0	11442.00	.3	1144.20	1475.17	44.10-	148.02-	145.29-	1.1	.3	.3	148.8-	146.1-
0489	31 44.70	111 2.78	3025.0	11465.00	.3	1146.50	1476.19	45.18-	148.24-	145.53-	1.1	.3	.3	149.0-	146.3-
0490	31 44.69	111 10.24	3484.0	11309.00	.2	1130.90	1476.18	17.60-	136.30-	133.19-	1.2	.2	.2	137.3-	134.2-
0491	31 44.06	111 9.96	3425.0	11330.00	.2	1133.00	1475.33	20.20-	136.89-	133.83-	1.2	.2	.2	137.9-	134.8-
0492	31 43.56	111 9.44	3363.0	11377.00	.3	1137.70	1474.66	20.66-	135.24-	132.23-	1.2	.3	.3	136.1-	133.1-
0493	31 44.44	111 4.17	3124.0	11447.00	.3	1144.70	1475.85	37.32-	143.75-	140.96-	1.1	.3	.3	144.6-	141.8-
0494	31 44.77	111 3.82	3143.0	11429.00	.3	1142.90	1476.29	37.77-	144.85-	142.05-	1.1	.3	.3	145.7-	142.9-
0495	31 44.74	111 4.84	3205.0	11436.00	.3	1143.60	1476.25	31.20-	140.40-	137.53-	1.1	.3	.3	141.2-	138.3-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0496	31 42.76	111 9.89	3332.0	11393.00	.3	1139.30	1473.59	20.90=	134.42=	131.45=	1.1	.3	.3	135.2=	132.3=
0497	31 42.41	111 10.62	3357.0	11354.00	.2	1135.40	1473.12	21.98=	136.35=	133.35=	1.2	.2	.2	137.4=	134.4=
0498	31 41.99	111 11.44	3381.0	11329.00	.2	1132.90	1472.56	21.66=	136.85=	133.83=	1.2	.2	.2	137.9=	134.8=
0499	31 41.36	111 12.22	3410.0	11301.00	.2	1130.10	1471.71	20.89=	137.06=	134.02=	1.2	.2	.2	138.1=	135.0=
0500	31 43.66	111 3.66	3070.0	11445.00	.3	1144.50	1474.80	41.55=	146.14=	143.40=	1.1	.3	.3	146.9=	144.2=
0501	31 40.80	111 12.77	3484.0	11273.00	.2	1127.30	1470.96	15.98=	134.68=	131.56=	1.2	.2	.2	135.7=	132.6=
0502	31 43.91	111 8.91	3337.0	11403.00	.3	1140.30	1475.13	20.98=	134.67=	131.69=	1.1	.3	.3	135.5=	132.5=
0503	31 43.60	111 4.58	3138.0	11452.00	.3	1145.20	1474.72	34.37=	141.28=	138.48=	1.1	.3	.3	142.1=	139.3=
0504	31 43.60	111 5.61	3175.0	11491.00	.3	1149.10	1474.72	26.99=	135.16=	132.33=	1.1	.3	.3	136.0=	133.1=
0505	31 43.81	111 6.87	3252.0	11508.00	.3	1150.80	1475.00	18.34=	129.13=	126.22=	1.1	.3	.3	129.9=	127.0=
0506	31 43.87	111 2.18	3018.0	11438.00	.4	1143.80	1475.08	47.42=	150.24=	147.55=	1.1	.4	.4	150.9=	148.3=
0507	31 44.61	111 2.01	3010.0	11457.00	.4	1145.70	1476.07	47.27=	149.82=	147.13=	1.1	.4	.4	150.5=	147.8=
0524	32 19.37	110 55.69	2740.0	12535.00	1.4	1253.50	1523.01	11.80=	105.15=	102.70=	1.0	1.4	1.4	104.8=	102.3=
0525	32 18.84	110 55.94	2651.0	12564.00	1.0	1256.40	1522.29	16.55=	106.87=	104.50=	.9	1.0	1.0	106.8=	104.4=
0526	32 22.52	110 59.72	2535.0	12570.00	.7	1257.00	1527.29	31.85=	118.22=	115.96=	.9	.7	.7	118.4=	116.2=
0527	32 23.14	110 59.72	2438.0	12643.00	.7	1264.30	1528.13	34.52=	117.58=	115.40=	.9	.7	.7	117.8=	115.6=
0528	32 21.81	110 59.72	2492.0	12604.00	.7	1260.40	1526.33	31.53=	116.43=	114.21=	.9	.7	.7	116.6=	114.4=
0529	32 20.24	110 57.88	2630.0	12630.00	1.0	1263.00	1524.19	13.82=	103.43=	101.08=	.9	1.0	1.0	103.3=	101.0=
0530	32 20.63	110 57.40	2752.0	12565.00	1.5	1256.50	1524.72	9.38=	103.14=	100.68=	1.0	1.5	1.5	102.6=	100.2=
0531	32 20.23	110 57.08	2730.0	12569.00	1.3	1256.90	1524.18	10.51=	103.52=	101.08=	1.0	1.3	1.3	103.2=	100.8=
0532	32 20.68	110 56.57	2865.0	12494.00	2.2	1249.40	1524.79	5.92=	103.53=	100.97=	1.0	2.2	2.1	102.3=	99.9=
0533	32 19.26	110 56.69	2623.0	12607.00	1.1	1260.70	1522.86	15.45=	104.82=	102.47=	.9	1.1	1.1	104.6=	102.3=
0534	32 15.39	111 9.97	3082.0	12300.00	2.0	1230.00	1517.62	2.26	102.74=	99.99=	1.1	2.0	1.9	101.8=	99.2=
0535	32 15.69	111 11.26	2836.0	12424.00	1.7	1242.40	1518.02	8.88=	105.50=	102.97=	1.0	1.7	1.7	104.8=	102.3=
0536	32 22.11	111 .73	2368.0	12671.00	.5	1267.10	1526.73	36.90=	117.58=	115.46=	.9	.5	.5	118.0=	115.9=
0537	32 16.74	111 12.63	2383.0	12715.00	.4	1271.50	1519.45	23.80=	104.99=	102.86=	.9	.4	.4	105.5=	103.4=
0538	32 15.01	111 8.26	3246.0	12220.00	1.9	1222.00	1517.10	10.20	100.39=	97.49=	1.1	1.9	1.9	99.6=	96.7=
0539	32 15.06	111 .79	2304.0	12708.00	.2	1270.80	1517.17	29.66=	108.15=	106.09=	.8	.2	.2	108.8=	106.7=
0540	32 15.70	111 1.19	2294.0	12717.00	.2	1271.70	1518.04	30.56=	108.72=	106.67=	.8	.2	.2	109.3=	107.3=
0541	32 16.46	111 1.64	2270.0	12738.00	.2	1273.80	1519.07	31.75=	109.09=	107.06=	.8	.2	.2	109.7=	107.7=
0542	32 17.14	111 2.24	2264.0	12744.00	.2	1274.40	1519.99	32.64=	109.97=	107.75=	.8	.2	.2	110.4=	108.4=
0543	32 17.63	111 2.56	2250.0	12753.00	.2	1275.30	1520.65	33.72=	110.37=	108.36=	.8	.2	.2	111.0=	109.0=
0544	32 18.26	111 3.01	2222.0	12778.00	.3	1277.80	1521.51	34.71=	110.41=	108.42=	.8	.3	.3	110.9=	108.9=
0545	32 18.74	111 7.81	2506.0	12732.00	.7	1273.20	1522.16	13.25=	98.63=	96.39=	.9	.7	.7	98.8=	96.6=
0546	32 19.68	111 5.98	2311.0	12791.00	.3	1279.10	1523.43	26.96=	105.70=	103.63=	.8	.3	.3	106.2=	104.1=
0547	32 17.80	111 5.56	2465.0	12717.00	.3	1271.70	1520.88	17.33=	101.31=	99.11=	.9	.3	.3	101.9=	99.7=
0548	32 17.38	111 6.40	2605.0	12658.00	.4	1265.80	1520.31	9.49=	98.24=	95.92=	.9	.4	.4	98.7=	96.4=
0549	32 16.77	111 5.77	2595.0	12658.00	.4	1265.80	1519.49	9.61=	98.02=	95.70=	.9	.4	.4	98.5=	96.2=
0550	32 17.16	111 5.27	2457.0	12734.00	.3	1273.40	1520.02	15.51=	99.22=	97.03=	.9	.3	.3	99.8=	97.6=
0551	32 16.00	111 4.76	2542.0	12666.00	.4	1266.60	1518.44	12.75=	99.35=	97.08=	.9	.4	.4	99.9=	97.6=
0552	32 15.87	111 7.64	3292.0	12192.00	2.4	1219.20	1518.27	10.55	101.60=	98.66=	1.1	2.4	2.3	100.3=	97.5=
0553	32 16.79	111 11.54	2748.0	12510.00	.7	1251.00	1519.51	10.05=	103.67=	101.21=	1.0	.7	.7	104.0=	101.5=
0554	32 16.20	111 10.30	3240.0	12190.00	2.3	1219.00	1518.71	5.02	105.37=	102.47=	1.1	2.3	2.2	104.2=	101.4=
0555	32 17.02	111 9.28	3147.0	12278.00	2.1	1227.80	1519.83	3.96	103.25=	100.44=	1.1	2.1	2.0	102.3=	99.5=
0556	32 16.77	111 10.54	2942.0	12384.00	1.2	1238.40	1519.49	4.38=	104.61=	101.98=	1.0	1.2	1.2	104.4=	101.8=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0557	32 17.43	111 12.43	2435.0	12710.00	.4	1271.00	1520.38	20.35=	103.31=	101.13=	.9	.4	.4	103.8=	101.6=
0558	32 18.58	111 10.28	2563.0	12677.00	.4	1267.70	1521.94	13.17=	100.49=	98.20=	.9	.4	.4	101.0=	98.7=
0559	32 20.26	111 1.74	2339.0	12694.00	.4	1269.40	1524.22	34.82=	114.51=	112.42=	.8	.4	.4	114.9=	112.8=
0560	32 20.94	111 2.76	2325.0	12720.00	.4	1272.00	1525.14	34.46=	113.67=	111.59=	.8	.4	.4	114.1=	112.0=
0561	32 23.06	111 2.76	2460.0	12673.00	.4	1267.30	1528.02	29.34=	113.15=	110.95=	.9	.4	.4	113.7=	111.5=
0562	32 23.72	111 1.74	2591.0	12595.00	.5	1259.50	1528.92	25.72=	113.99=	111.68=	.9	.5	.5	114.4=	112.1=
0563	32 22.39	111 .27	2390.0	12658.00	.6	1265.80	1527.11	36.51=	117.94=	115.80=	.9	.6	.6	118.2=	116.1=
0564	32 2.11	111 20.26	2687.0	12149.00	.1	1214.90	1499.65	32.02=	123.56=	121.16=	1.0	.1	.1	124.5=	122.1=
0565	32 2.66	111 17.59	2767.0	12114.00	.2	1211.40	1500.39	28.74=	123.01=	120.53=	1.0	.2	.2	123.8=	121.3=
0566	32 1.91	111 16.91	3074.0	11872.00	.4	1187.20	1498.16	21.84=	126.57=	123.82=	1.1	.4	.4	127.3=	124.5=
0567	32 1.01	111 15.87	3157.0	11802.00	.5	1180.20	1498.16	21.03=	128.59=	125.77=	1.1	.5	.5	129.2=	126.4=
0568	32 .40	111 16.44	3209.0	11775.00	.5	1177.50	1497.34	18.02=	127.35=	124.48=	1.1	.5	.5	128.0=	125.1=
0569	32 12.14	111 10.04	2439.0	12605.00	.2	1260.50	1513.21	23.30=	106.40=	104.22=	.9	.2	.2	107.1=	104.9=
0570	32 .04	111 3.24	3140.0	11796.00	.2	1179.60	1496.85	21.92=	128.90=	126.10=	1.1	.2	.2	129.8=	127.0=
0571	32 .04	111 1.17	2925.0	11915.00	.1	1191.50	1496.85	30.24=	129.89=	127.28=	1.0	.1	.1	130.8=	128.2=
0572	32 14.60	111 9.74	2838.0	12481.00	.9	1248.10	1516.54	1.52=	98.20=	95.67=	1.0	.9	.9	98.3=	95.8=
0573	32 13.36	111 6.01	3165.0	12252.00	1.8	1225.20	1514.86	8.01	99.81=	96.99=	1.1	1.8	1.8	99.1=	96.3=
0574	32 10.53	111 11.47	2326.0	12530.00		1253.00	1511.03	39.25=	118.49=	116.42=	.8	.0	.0	119.3=	117.2=
0575	32 10.53	111 12.02	2318.0	12532.00		1253.20	1511.03	39.80=	118.77=	116.70=	.8	.0	.0	119.6=	117.5=
0576	32 11.03	111 9.97	2417.0	12562.00	.1	1256.20	1511.71	28.17=	110.51=	108.36=	.9	.1	.1	111.3=	109.2=
0577	32 11.03	111 9.38	2444.0	12575.00	.1	1257.50	1511.71	24.33=	107.59=	105.41=	.9	.1	.1	108.4=	106.2=
0578	32 12.70	111 11.47	2354.0	12633.00	.1	1263.30	1513.97	29.26=	109.45=	107.35=	.8	.1	.1	110.2=	108.1=
0579	32 12.26	111 10.99	2379.0	12606.00	.1	1260.60	1513.37	29.01=	110.06=	107.93=	.9	.1	.1	110.9=	108.7=
0580	32 13.78	111 4.31	2748.0	12496.00	.6	1249.60	1515.43	7.37=	100.99=	98.53=	1.0	.6	.6	101.4=	98.9=
0581	32 13.54	111 5.17	2921.0	12388.00	.9	1238.80	1515.11	1.57=	101.09=	98.48=	1.0	.9	.9	101.2=	98.6=
0582	32 14.11	111 7.48	2842.0	12469.00	1.0	1246.90	1515.88	1.67=	98.50=	95.96=	1.0	1.0	1.0	98.5=	96.0=
0583	32 11.26	111 7.54	2542.0	12592.00	.3	1259.20	1512.02	13.73=	100.33=	98.06=	.9	.3	.3	100.9=	98.7=
0584	32 14.03	111 13.14	2296.0	12705.00	.2	1270.50	1515.77	29.31=	107.53=	105.48=	.8	.2	.2	108.1=	106.1=
0585	32 14.03	111 12.02	2409.0	12666.00	.3	1266.60	1515.77	22.59=	104.66=	102.51=	.9	.3	.3	105.3=	103.1=
0586	32 14.03	111 10.99	2563.0	12630.00	.4	1263.00	1515.77	11.70=	99.02=	96.73=	.9	.4	.4	99.5=	97.2=
0587	32 14.61	111 11.99	2446.0	12685.00	.4	1268.50	1516.56	17.99=	101.33=	99.14=	.9	.4	.4	101.8=	99.6=
0588	32 4.61	111 2.16	2660.0	12184.00	.3	1218.40	1503.03	34.43=	125.06=	122.68=	.9	.3	.3	125.7=	123.3=
0589	32 3.81	111 3.71	2782.0	12111.00	.3	1211.10	1501.94	29.18=	123.96=	121.47=	1.0	.3	.3	124.7=	122.2=
0590	32 4.72	111 4.79	2741.0	12205.00	.3	1220.50	1503.17	24.86=	118.25=	115.80=	1.0	.3	.3	119.0=	116.5=
0591	32 5.37	111 4.57	2683.0	12265.00	.3	1226.50	1504.05	25.20=	116.60=	114.21=	1.0	.3	.3	117.3=	114.9=
0592	32 6.26	111 4.79	2617.0	12353.00	.1	1235.30	1505.26	23.81=	112.97=	110.63=	.9	.1	.1	113.8=	111.4=
0593	32 6.24	111 6.84	2603.0	12309.00	.1	1230.90	1505.23	29.50=	118.18=	115.85=	.9	.1	.1	119.0=	116.7=
0594	32 6.24	111 8.90	2578.0	12227.00	.1	1222.70	1505.23	40.05=	127.88=	125.57=	.9	.1	.1	128.7=	126.4=
0595	32 5.38	111 5.82	2684.0	12281.00	.1	1228.10	1504.07	23.52=	114.96=	112.56=	1.0	.1	.1	115.9=	113.5=
0596	32 6.24	111 7.37	2596.0	12264.00	.1	1226.40	1505.23	34.65=	123.10=	120.78=	.9	.1	.1	123.9=	121.6=
0597	32 6.68	111 6.84	2570.0	12339.00	.1	1233.90	1505.82	30.20=	117.75=	115.46=	.9	.1	.1	118.6=	116.3=
0598	32 7.11	111 7.38	2521.0	12332.00	.1	1233.20	1506.40	36.08=	121.97=	119.72=	.9	.1	.1	122.8=	120.5=
0599	32 11.64	111 4.42	2750.0	12469.00	1.0	1246.90	1512.53	6.98=	100.67=	98.21=	1.0	1.0	1.0	100.7=	98.2=
0600	32 12.18	111 4.28	2855.0	12410.00	1.0	1241.00	1513.27	3.74=	101.01=	98.46=	1.0	1.0	1.0	101.0=	98.5=
0601	32 12.43	111 3.01	2702.0	12496.00	.4	1249.60	1513.60	9.86=	101.92=	99.51=	1.0	.4	.4	102.5=	100.1=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0602 32	8.02	111 1.82	2518.0	12462.00	.1	1246.20	1507.64	24.60=	110.38=	108.13=	.9	.1	.1	111.2=	108.9=
0603 32	8.01	111 2.76	2572.0	12434.00	.1	1243.40	1507.62	22.31=	109.93=	107.63=	.9	.1	.1	110.7=	108.4=
0604 32	8.00	111 3.76	2600.0	12430.00	.1	1243.00	1507.61	20.06=	108.64=	106.32=	.9	.1	.1	109.4=	107.1=
0605 32	3.03	111 3.21	2838.0	12044.00	.2	1204.40	1500.89	29.56=	126.25=	123.71=	1.0	.2	.2	127.1=	124.5=
0606 32	3.11	111 4.32	2882.0	12034.00	.2	1203.40	1501.00	26.53=	124.72=	122.14=	1.0	.2	.2	125.5=	122.9=
0607 32	3.11	111 5.68	2969.0	11988.00	.2	1198.80	1501.00	22.95=	124.10=	121.45=	1.0	.2	.2	124.9=	122.3=
0608 32	3.12	111 6.52	3015.0	11959.00	.3	1195.90	1501.01	21.54=	124.25=	121.56=	1.1	.3	.3	125.1=	122.4=
0609 32	3.48	111 5.80	2923.0	12027.00	.2	1202.70	1501.50	23.87=	123.46=	120.85=	1.0	.2	.2	124.3=	121.7=
0610 32	3.82	111 5.26	2848.0	12088.00	.2	1208.80	1501.96	25.29=	122.31=	119.77=	1.0	.2	.2	123.1=	120.6=
0611 32	4.49	111 8.86	2789.0	12047.00	.2	1204.70	1502.86	35.84=	130.86=	128.37=	1.0	.2	.2	131.7=	129.2=
0612 32	5.50	111 9.06	2653.0	12164.00	.2	1216.40	1504.23	38.29=	128.68=	126.31=	.9	.2	.2	129.4=	127.0=
0613 32	5.64	111 9.96	2620.0	12197.00	.2	1219.70	1504.42	38.29=	127.55=	125.21=	.9	.2	.2	128.3=	125.9=
0614 32	5.01	111 8.96	2716.0	12111.00	.2	1211.10	1503.57	37.01=	129.54=	127.11=	1.0	.2	.2	130.3=	127.9=
0615 32	1.22	111 5.36	3217.0	11779.00	.3	1177.90	1498.45	17.98=	127.58=	124.70=	1.1	.3	.3	128.4=	125.7=
0616 32	1.22	111 6.56	3297.0	11746.00	.3	1174.60	1498.45	13.75=	126.08=	123.13=	1.1	.3	.3	126.9=	123.9=
0617 32	.66	111 6.60	3372.0	11694.00	.4	1169.40	1497.69	11.14=	126.03=	123.01=	1.2	.4	.4	126.8=	123.8=
0618 32	1.86	111 6.76	3223.0	11794.00	.3	1179.40	1499.31	16.78=	126.58=	123.70=	1.1	.3	.3	127.4=	124.5=
0619 32	3.24	111 8.22	3033.0	11900.00	.3	1190.00	1501.17	25.91=	129.24=	126.53=	1.1	.3	.3	130.0=	127.3=
0620 32	.68	111 8.42	3474.0	11660.00	.4	1166.00	1497.72	4.98=	123.34=	120.23=	1.2	.4	.4	124.1=	121.0=
0621 32	.88	111 7.56	3378.0	11706.00	.4	1170.60	1497.99	9.68=	124.76=	121.75=	1.2	.4	.4	125.6=	122.6=
0622 32	1.86	111 5.80	3165.0	11829.00	.3	1182.90	1499.31	18.73=	126.56=	123.73=	1.1	.3	.3	127.4=	124.5=
0623 32	1.78	111 4.74	3087.0	11869.00	.2	1186.90	1499.20	21.96=	127.13=	124.37=	1.1	.2	.2	128.0=	125.3=
0624 32	2.20	111 4.34	3013.0	11924.00	.2	1192.40	1499.77	23.98=	126.63=	123.94=	1.1	.2	.2	127.5=	124.8=
0625 32	2.19	111 5.22	3070.0	11886.00	.2	1188.60	1499.76	22.41=	127.00=	124.26=	1.1	.2	.2	127.9=	125.2=
0626 32	3.77	111 9.64	2902.0	11956.00	.3	1195.60	1501.89	33.34=	132.21=	129.62=	1.0	.3	.3	132.9=	130.3=
0627 32	2.71	111 10.39	3110.0	11815.00	.3	1181.50	1500.46	26.45=	132.40=	129.63=	1.1	.3	.3	133.2=	130.4=
0628 32	5.04	111 11.26	2657.0	12172.00	.2	1217.20	1503.61	36.50=	127.02=	124.65=	.9	.2	.2	127.7=	125.4=
0629 32	5.57	111 11.50	2591.0	12226.00	.2	1222.60	1504.32	38.02=	126.29=	123.98=	.9	.2	.2	127.0=	124.7=
0630 32	.24	111 9.39	3561.0	11608.00	.5	1160.80	1497.12	1.41=	122.73=	119.55=	1.2	.5	.5	123.4=	120.3=
0631 32	.57	111 10.47	3517.0	11645.00	.5	1164.50	1497.57	2.29=	122.11=	118.97=	1.2	.5	.5	122.8=	119.7=
0632 32	.23	111 10.00	3580.0	11603.00	.6	1160.30	1497.11	.11=	122.07=	118.88=	1.2	.6	.6	122.7=	119.5=
0633 32	.58	111 12.39	3472.0	11681.00	.6	1168.10	1497.58	2.93=	121.22=	118.12=	1.2	.6	.6	121.8=	118.7=
0634 32	.34	111 11.64	3565.0	11624.00	.6	1162.40	1497.26	.43	121.02=	117.84=	1.2	.6	.6	121.6=	118.4=
0635 32	3.39	111 12.23	2864.0	12009.00	.3	1200.90	1501.38	31.10=	128.67=	126.12=	1.0	.3	.3	129.4=	126.8=
0636 32	4.04	111 12.33	2744.0	12115.00	.3	1211.50	1502.25	32.66=	126.15=	123.70=	1.0	.3	.3	126.9=	124.4=
0637 32	4.64	111 12.16	2654.0	12187.00	.2	1218.70	1503.07	34.74=	125.16=	122.79=	.9	.2	.2	125.9=	123.5=
0638 32	3.65	111 14.06	2763.0	12097.00	.3	1209.70	1501.74	32.16=	126.30=	123.83=	1.0	.3	.3	127.0=	124.5=
0639 32	3.13	111 13.24	2910.0	11983.00	.3	1198.30	1501.03	29.02=	128.16=	125.57=	1.0	.3	.3	128.9=	126.3=
0640 32	2.62	111 12.97	3033.0	11891.00	.3	1189.10	1500.34	25.97=	129.30=	126.59=	1.1	.3	.3	130.1=	127.4=
0641 32	4.31	111 14.81	2660.0	12184.00	.2	1218.40	1502.62	34.03=	124.65=	122.28=	.9	.2	.2	125.4=	123.0=
0642 32	2.94	111 13.94	2922.0	11973.00	.3	1197.30	1500.77	28.64=	128.19=	125.58=	1.0	.3	.3	128.9=	126.3=
0643 32	2.18	111 13.71	3109.0	11843.00	.3	1184.30	1499.74	23.03=	128.95=	126.17=	1.1	.3	.3	129.8=	127.0=
0644 32	1.56	111 13.30	3269.0	11779.00	.4	1177.90	1498.90	13.54=	124.92=	122.00=	1.1	.4	.4	125.6=	122.7=
0645 32	14.76	111 .01	2311.0	12690.00	.2	1269.00	1516.76	30.39=	109.12=	107.06=	.8	.2	.2	109.7=	107.7=
0646 32	14.42	111 5.79	3047.0	12341.00	1.3	1234.10	1516.30	4.38	99.43=	96.70=	1.1	1.3	1.3	99.2=	96.5=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0647	32 12.90	111 4.07	2800.0	12457.00	.7	1245.70	1514.24	5.18=	100.58=	98.08=	1.0	.7	.7	100.9=	98.4=
0648	32 11.27	111 1.33	2519.0	12578.00	.1	1257.80	1512.03	17.30=	103.12=	100.87=	.9	.1	.1	103.9=	101.7=
0649	32 11.52	111 2.72	2620.0	12531.00	.3	1253.10	1512.37	12.84=	102.10=	99.76=	.9	.3	.3	102.7=	100.4=
0650	32 9.22	111 3.12	2672.0	12435.00	.1	1243.50	1509.26	14.44=	105.47=	103.09=	.9	.1	.1	106.3=	103.9=
0651	32 8.46	111 3.18	2648.0	12408.00	.2	1240.80	1508.23	18.37=	108.58=	106.22=	.9	.2	.2	109.3=	106.9=
0652	32 8.46	111 2.21	2565.0	12459.00	.1	1245.90	1508.23	21.07=	108.46=	106.17=	.9	.1	.1	109.3=	107.0=
0653	32 .69	111 13.63	3422.0	11696.00	.5	1169.60	1497.73	6.28=	122.87=	119.81=	1.2	.5	.5	123.6=	120.5=
0654	32 .04	111 5.54	3368.0	11667.00	.3	1166.70	1496.85	13.38=	128.13=	125.12=	1.2	.3	.3	129.0=	126.0=
0655	32 .04	111 6.31	3440.0	11635.00	.4	1163.50	1496.85	9.81=	127.01=	123.94=	1.2	.4	.4	127.8=	124.7=
0656	32 .03	111 7.10	3482.0	11621.00	.4	1162.10	1496.84	7.25=	125.88=	122.77=	1.2	.4	.4	126.7=	123.6=
0657	32 9.76	111 7.42	2461.0	12593.00	.1	1259.30	1509.99	19.21=	103.06=	100.86=	.9	.1	.1	103.9=	101.7=
0658	32 10.11	111 7.92	2450.0	12603.00	.1	1260.30	1510.46	19.72=	103.19=	101.00=	.9	.1	.1	104.0=	101.8=
0659	32 9.57	111 8.44	2413.0	12548.00		1254.80	1509.73	27.97=	110.18=	108.02=	.9	.0	.0	111.1=	108.9=
0660	32 9.10	111 9.08	2404.0	12458.00		1245.80	1509.10	37.18=	119.08=	116.94=	.9	.0	.0	120.0=	117.8=
0661	32 9.30	111 5.22	2532.0	12534.00	.1	1253.40	1509.37	17.81=	104.08=	101.81=	.9	.1	.1	104.9=	102.6=
0662	32 8.87	111 4.78	2578.0	12491.00	.1	1249.10	1508.79	17.20=	105.03=	102.73=	.9	.1	.1	105.8=	103.5=
0663	32 9.54	111 4.14	2568.0	12525.00	.1	1252.50	1509.69	15.65=	103.14=	100.85=	.9	.1	.1	103.9=	101.7=
0664	32 14.90	111 13.16	2333.0	12714.00	.3	1271.40	1516.95	26.11=	105.59=	103.51=	.8	.3	.3	106.1=	104.0=
0665	32 14.50	111 13.67	2262.0	12734.00	.2	1273.40	1516.41	30.25=	107.31=	105.29=	.8	.2	.2	107.9=	105.9=
0666	32 7.57	111 1.74	2538.0	12403.00	.1	1240.30	1507.03	28.01=	114.48=	112.21=	.9	.1	.1	115.3=	113.0=
0667	32 7.66	111 3.24	2578.0	12417.00	.1	1241.70	1507.15	22.97=	110.80=	108.50=	.9	.1	.1	111.6=	109.3=
0668	32 7.41	111 4.37	2544.0	12444.00	.1	1244.40	1506.81	23.13=	109.80=	107.53=	.9	.1	.1	110.6=	108.3=
0669	32 6.87	111 4.84	2571.0	12402.00	.1	1240.20	1506.08	24.06=	111.65=	109.35=	.9	.1	.1	112.5=	110.2=
0670	32 7.34	111 5.01	2541.0	12450.00	.1	1245.00	1506.72	22.71=	109.28=	107.01=	.9	.1	.1	110.1=	107.8=
0671	32 7.03	111 5.71	2561.0	12421.00	.1	1242.10	1506.30	23.31=	110.57=	108.28=	.9	.1	.1	111.4=	109.1=
0672	32 6.99	111 2.34	2544.0	12361.00	.1	1236.10	1506.24	30.86=	117.53=	115.26=	.9	.1	.1	118.3=	116.1=
0673	32 .07	110 59.17	2757.0	12034.00	.1	1203.40	1496.89	34.18=	128.11=	125.64=	1.0	.1	.1	129.0=	126.5=
0674	32 .07	110 58.14	2676.0	12075.00	.1	1207.50	1496.89	37.70=	128.87=	126.47=	.9	.1	.1	129.7=	127.3=
0675	31 56.18	110 56.42	2756.0	11857.00	.2	1185.70	1491.65	46.73=	140.62=	138.16=	1.0	.2	.2	141.4=	139.0=
0676	31 54.83	110 54.48	2891.0	11635.00	.3	1163.50	1489.83	54.41=	152.90=	150.32=	1.0	.3	.3	153.6=	151.0=
0677	31 55.50	110 55.63	2815.0	11755.00	.3	1175.50	1490.73	50.46=	146.37=	143.85=	1.0	.3	.3	147.1=	144.6=
0678	31 55.86	110 56.04	2782.0	11808.00	.3	1180.80	1491.21	48.75=	143.53=	141.04=	1.0	.3	.3	144.2=	141.7=
0679	31 55.16	110 55.23	2844.0	11707.00	.3	1170.70	1490.27	52.08=	148.97=	146.43=	1.0	.3	.3	149.7=	147.1=
0680	31 52.86	110 51.68	3263.0	11420.00	.6	1142.00	1487.17	38.28=	149.44=	146.53=	1.1	.6	.6	149.9=	147.0=
0681	31 51.64	110 49.77	3747.0	11168.00	1.0	1116.80	1485.53	16.32=	143.98=	140.63=	1.3	1.0	1.0	144.3=	140.9=
0682	31 52.00	110 50.30	3587.0	11271.00	.9	1127.10	1486.01	21.55=	143.76=	140.55=	1.2	.9	.9	144.1=	140.9=
0683	31 54.06	110 53.09	3014.0	11532.00	.4	1153.20	1488.79	52.11=	154.79=	152.10=	1.1	.4	.4	155.5=	152.8=
0684	31 51.46	110 49.33	3844.0	11101.00	1.2	1110.10	1485.29	13.66=	144.62=	141.19=	1.3	1.2	1.2	144.7=	141.3=
0685	31 48.22	110 48.22	3970.0	11049.00	1.3	1104.90	1480.93	2.65=	137.91=	134.36=	1.3	1.3	1.3	137.9=	134.4=
0686	31 47.00	110 47.00	4416.0	10754.00	2.0	1075.40	1479.29	11.42	139.03=	135.06=	1.4	2.0	1.9	138.4=	134.6=
0687	31 49.53	110 49.53	3859.0	11081.00	1.3	1108.10	1482.69	11.65=	143.13=	139.68=	1.3	1.3	1.3	143.1=	139.7=
0688	31 50.89	110 50.56	3656.0	11185.00	.9	1118.50	1484.52	22.17=	146.73=	143.46=	1.2	.9	.9	147.0=	143.8=
0689	31 51.19	110 51.13	3530.0	11237.00	.8	1123.70	1484.92	29.22=	149.48=	146.33=	1.2	.8	.8	149.9=	146.7=
0690	31 51.56	110 51.52	3436.0	11299.00	.7	1129.90	1485.42	32.36=	149.42=	146.35=	1.2	.7	.7	149.9=	146.9=
0691	31 51.89	110 51.93	3339.0	11355.00	.7	1135.50	1485.87	36.32=	150.08=	147.10=	1.1	.7	.7	150.5=	147.5=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0692	31 52.24	110 51.53	3374.0	11349.00	.7	1134.90	1486.34	34.10=	149.05=	146.04=	1.2	.7	.7	149.6=	146.5=
0693	31 53.17	110 52.07	3193.0	11463.00	.5	1146.30	1487.59	40.98=	149.76=	146.91=	1.1	.5	.5	150.4=	147.5=
0694	31 53.26	110 52.76	3106.0	11493.00	.5	1149.30	1487.71	46.28=	152.10=	149.32=	1.1	.5	.5	152.7=	149.9=
0695	31 52.91	110 53.01	3127.0	11472.00	.5	1147.20	1487.24	45.93=	152.47=	149.67=	1.1	.5	.5	153.1=	150.3=
0696	31 52.04	110 53.74	3169.0	11429.00	.5	1142.90	1486.07	45.11=	153.08=	150.24=	1.1	.5	.5	153.7=	150.8=
0697	31 52.66	110 54.07	3083.0	11473.00	.5	1147.30	1486.90	49.63=	154.67=	151.91=	1.1	.5	.5	155.3=	152.5=
0698	31 53.26	110 54.36	3015.0	11524.00	.4	1152.40	1487.71	51.73=	154.45=	151.76=	1.1	.4	.4	155.2=	152.5=
0699	31 53.96	110 54.32	2939.0	11575.00	.4	1157.50	1488.65	54.72=	154.85=	152.23=	1.0	.4	.4	155.5=	152.8=
0700	31 57.46	110 57.87	2714.0	11994.00	.2	1199.40	1493.37	38.70=	131.17=	128.74=	1.0	.2	.2	132.0=	129.5=
0701	31 57.96	110 58.14	2729.0	12004.00	.1	1200.40	1494.05	36.97=	129.94=	127.50=	1.0	.1	.1	130.8=	128.4=
0702	31 58.73	110 58.14	2710.0	12036.00	.1	1203.60	1495.09	36.59=	128.92=	126.50=	1.0	.1	.1	129.8=	127.4=
0703	31 59.20	110 58.14	2702.0	12047.00	.1	1204.70	1495.72	36.88=	128.93=	126.52=	1.0	.1	.1	129.8=	127.4=
0704	31 59.64	110 58.16	2690.0	12061.00	.1	1206.10	1496.31	37.20=	128.85=	126.44=	1.0	.1	.1	129.8=	127.3=
0705	31 59.17	110 58.96	2764.0	12019.00	.1	1201.90	1495.68	33.81=	127.97=	125.51=	1.0	.1	.1	128.9=	126.4=
0706	31 57.46	110 58.44	2757.0	11977.00	.1	1197.70	1493.37	36.36=	130.29=	127.82=	1.0	.1	.1	131.2=	128.7=
0707	31 57.96	110 59.31	2835.0	11934.00	.1	1193.40	1494.05	34.00=	130.58=	128.05=	1.0	.1	.1	131.5=	129.0=
0708	31 57.40	110 59.57	2886.0	11906.00	.1	1190.60	1493.29	31.25=	129.57=	126.99=	1.0	.1	.1	130.5=	127.9=
0709	31 56.66	110 58.33	2754.0	11952.00	.2	1195.20	1492.29	38.06=	131.89=	129.43=	1.0	.2	.2	132.7=	130.2=
0710	31 56.96	110 57.38	2721.0	11947.00	.2	1194.70	1492.70	42.07=	134.77=	132.34=	1.0	.2	.2	135.6=	133.1=
0711	31 50.56	110 57.64	2978.0	11607.00	.4	1160.70	1484.08	43.28=	144.74=	142.08=	1.0	.4	.4	145.3=	142.7=
0712	31 53.96	110 59.67	2923.0	11805.00	.2	1180.50	1488.65	33.23=	132.81=	130.20=	1.0	.2	.2	133.6=	131.0=
0713	31 54.86	110 59.67	2911.0	11826.00	.2	1182.60	1489.87	33.47=	132.65=	130.05=	1.0	.2	.2	133.5=	130.9=
0714	31 55.21	110 59.00	2824.0	11874.00	.2	1187.40	1490.34	37.32=	133.53=	131.01=	1.0	.2	.2	134.3=	131.8=
0715	31 55.91	110 59.42	2876.0	11882.00	.2	1188.20	1491.28	32.58=	130.56=	127.99=	1.0	.2	.2	131.4=	128.8=
0716	31 55.02	110 58.10	2753.0	11889.00	.2	1188.90	1490.08	42.24=	136.04=	133.58=	1.0	.2	.2	136.8=	134.4=
0717	31 54.46	110 58.93	2819.0	11849.00	.2	1184.90	1489.33	39.28=	135.32=	132.81=	1.0	.2	.2	136.1=	133.6=
0718	31 59.18	110 58.68	2832.0	11976.00	.1	1197.60	1495.69	31.72=	128.21=	125.68=	1.0	.1	.1	129.1=	126.6=
0719	31 52.96	110 59.24	2862.0	11816.00	.3	1181.60	1487.31	36.52=	134.02=	131.47=	1.0	.3	.3	134.7=	132.2=
0720	31 50.00	110 56.33	3129.0	11449.00	.5	1144.90	1483.32	44.12=	150.73=	147.93=	1.1	.5	.5	151.3=	148.5=
0721	31 50.17	110 55.29	3202.0	11399.00	.6	1139.90	1483.55	42.49=	151.58=	148.72=	1.1	.6	.6	152.1=	149.2=
0722	31 50.98	110 55.16	3137.0	11442.00	.5	1144.20	1484.64	45.39=	152.27=	149.47=	1.1	.5	.5	152.9=	150.1=
0723	31 51.44	110 55.51	3065.0	11493.00	.5	1149.30	1485.26	47.68=	152.10=	149.37=	1.1	.5	.5	152.7=	150.0=
0724	31 51.41	110 53.28	3276.0	11360.00	.6	1136.00	1485.22	41.10=	152.71=	149.79=	1.1	.6	.6	153.2=	150.3=
0725	31 51.61	110 54.10	3194.0	11414.00	.5	1141.40	1485.49	43.68=	152.50=	149.64=	1.1	.5	.5	153.1=	150.2=
0726	31 50.29	110 52.34	3511.0	11199.00	.8	1119.90	1483.71	33.60=	153.21=	150.08=	1.2	.8	.8	153.6=	150.5=
0727	31 49.78	110 51.96	3620.0	11125.00	.9	1112.50	1483.03	30.06=	153.39=	150.16=	1.2	.9	.9	153.7=	150.5=
0728	31 50.18	110 51.56	3600.0	11158.00	.9	1115.80	1483.56	29.18=	151.83=	148.61=	1.2	.9	.9	152.1=	148.9=
0729	31 48.71	110 51.93	3716.0	11059.00	1.1	1105.90	1481.59	26.19=	152.80=	149.48=	1.3	1.1	1.1	153.0=	149.7=
0730	31 48.60	110 52.88	3591.0	11133.00	1.0	1113.30	1481.44	30.40=	152.74=	149.53=	1.2	1.0	1.0	152.9=	149.7=
0731	31 49.04	110 53.66	3455.0	11219.00	.8	1121.90	1482.03	35.18=	152.89=	149.80=	1.2	.8	.8	153.3=	150.2=
0732	31 49.52	110 54.18	3352.0	11296.00	.7	1129.60	1482.68	37.81=	152.01=	149.02=	1.2	.7	.7	152.5=	149.5=
0733	31 50.02	110 54.60	3268.0	11359.00	.7	1135.90	1483.35	40.08=	151.42=	148.50=	1.1	.7	.7	151.8=	148.9=
0734	31 47.94	110 53.43	3549.0	11153.00	1.1	1115.30	1480.55	31.46=	152.37=	149.20=	1.2	1.1	1.1	152.5=	149.3=
0735	31 47.72	110 54.30	3449.0	11222.00	1.0	1122.20	1480.25	33.67=	151.17=	148.09=	1.2	1.0	1.0	151.4=	148.3=
0736	31 47.00	110 54.77	3536.0	11187.00	1.2	1118.70	1479.29	28.02=	148.49=	145.33=	1.2	1.2	1.2	148.5=	145.3=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0737	31 48.38	110 55.00	3350.0	11289.00	.8	1128.90	1481.14	37.16-	151.30-	148.30-	1.2	.8	.8	151.7-	148.7-
0738	31 48.34	110 55.80	3276.0	11343.00	.7	1134.30	1481.09	38.67-	150.28-	147.35-	1.1	.7	.7	150.7-	147.8-
0739	31 48.84	110 57.27	3108.0	11457.00	.5	1145.70	1481.76	43.74-	149.63-	146.85-	1.1	.5	.5	150.2-	147.5-
0740	31 49.00	110 57.89	3054.0	11514.00	.5	1151.40	1481.98	43.33-	147.38-	144.65-	1.1	.5	.5	148.0-	145.3-
0741	31 49.18	110 58.56	2974.0	11599.00	.4	1159.90	1482.22	42.60-	143.92-	141.26-	1.0	.4	.4	144.5-	141.9-
0742	31 55.72	110 56.62	2757.0	11849.00	.3	1184.90	1491.03	46.81-	140.74-	138.28-	1.0	.3	.3	141.4-	139.0-
0743	31 54.84	110 57.17	2773.0	11833.00	.3	1183.30	1489.84	45.72-	140.19-	137.72-	1.0	.3	.3	140.9-	138.4-
0744	31 53.76	110 56.96	2838.0	11750.00	.3	1175.00	1488.38	46.45-	143.14-	140.61-	1.0	.3	.3	143.8-	141.3-
0745	31 53.96	110 56.24	2869.0	11703.00	.3	1170.30	1488.65	48.51-	146.25-	143.69-	1.0	.3	.3	147.0-	144.4-
0746	31 53.96	110 55.60	2894.0	11653.00	.3	1165.30	1488.65	51.16-	149.75-	147.17-	1.0	.3	.3	150.5-	147.9-
0747	31 53.21	110 55.60	2947.0	11598.00	.4	1159.80	1487.64	50.66-	151.06-	148.43-	1.0	.4	.4	151.7-	149.0-
0748	31 51.93	110 55.59	3027.0	11525.00	.4	1152.50	1485.92	48.72-	151.84-	149.14-	1.1	.4	.4	152.5-	149.8-
0749	31 52.67	110 56.32	2943.0	11627.00	.3	1162.70	1486.92	47.41-	147.68-	145.05-	1.0	.3	.3	148.4-	145.8-
0750	31 53.08	110 57.43	2839.0	11762.00	.3	1176.20	1487.47	44.24-	140.96-	138.43-	1.0	.3	.3	141.7-	139.1-
0751	31 49.13	110 56.11	3204.0	11390.00	.6	1139.00	1482.15	41.80-	150.96-	148.10-	1.1	.6	.6	151.5-	148.6-
0752	31 56.59	110 59.67	2917.0	11870.00	.2	1187.00	1492.20	30.84-	130.22-	127.61-	1.0	.2	.2	131.0-	128.4-
0753	31 46.10	110 53.22	3894.0	10990.00	2.3	1099.00	1478.08	12.85-	145.51-	142.03-	1.3	2.3	2.2	144.5-	141.1-
0754	31 45.50	110 53.19	4065.0	10873.00	3.0	1087.30	1477.27	7.66-	146.15-	142.52-	1.3	3.0	2.9	144.5-	140.9-
0755	31 46.07	110 53.83	3839.0	11037.00	2.1	1103.70	1478.04	13.28-	144.07-	140.64-	1.3	2.1	2.0	143.3-	139.9-
0756	31 46.56	110 54.26	3697.0	11102.00	1.6	1110.20	1478.69	20.79-	146.74-	143.44-	1.2	1.6	1.6	146.3-	143.0-
0757	31 47.08	110 52.24	3796.0	11019.00	1.8	1101.90	1479.39	20.48-	149.81-	146.42-	1.3	1.8	1.8	149.3-	145.9-
0758	31 46.48	110 51.68	3976.0	10929.00	2.7	1092.90	1478.59	11.75-	147.21-	143.66-	1.3	2.7	2.6	145.8-	142.4-
0759	31 45.61	110 50.62	4413.0	10633.00	.7	1063.30	1477.42	.91	149.44-	145.50-	1.4	.7	.7	150.1-	146.2-
0760	31 47.54	110 51.01	3939.0	10950.00	1.7	1095.00	1480.01	14.55-	148.75-	145.23-	1.3	1.7	1.7	148.4-	144.8-
0761	31 48.19	110 51.40	3819.0	11002.00	1.4	1100.20	1480.89	21.51-	151.62-	148.21-	1.3	1.4	1.4	151.5-	148.1-
0762	31 48.01	110 50.60	3950.0	10939.00	1.6	1093.90	1480.64	15.25-	149.82-	146.30-	1.3	1.6	1.6	149.5-	146.0-
0763	31 49.12	110 51.00	3842.0	10998.00	1.2	1099.80	1482.14	21.00-	151.89-	148.46-	1.3	1.2	1.2	152.0-	148.6-
0764	31 57.44	110 56.66	2707.0	11946.00	.2	1194.60	1493.34	44.13-	136.36-	133.94-	1.0	.2	.2	137.2-	134.7-
0765	31 54.52	110 53.81	2937.0	11581.00	.4	1158.10	1489.41	55.07-	155.13-	152.51-	1.0	.4	.4	155.7-	153.1-
0766	31 53.70	111 9.81	4401.0	10965.00	1.5	1096.50	1488.30	22.09	127.85-	123.92-	1.4	1.5	1.5	127.8-	123.8-
0767	31 53.28	111 6.06	3768.0	11323.00	.5	1132.30	1487.74	1.06-	129.43-	126.06-	1.3	.5	.5	130.2-	126.9-
0768	31 51.64	111 7.03	3752.0	11317.00	.7	1131.70	1485.53	.95-	128.78-	125.43-	1.3	.7	.7	129.4-	126.0-
0769	31 58.51	111 6.71	3632.0	11493.00	.5	1149.30	1494.79	3.90-	127.63-	124.39-	1.2	.5	.5	128.3-	125.1-
0770	31 58.58	111 7.78	3659.0	11489.00	.6	1148.90	1494.88	1.85-	126.51-	123.24-	1.2	.6	.6	127.1-	123.8-
0771	31 59.18	111 9.16	3724.0	11487.00	.7	1148.70	1495.69	3.25	123.62-	120.30-	1.3	.7	.7	124.2-	120.9-
0772	31 58.30	111 10.50	3981.0	11327.00	1.0	1132.70	1494.50	12.60	123.03-	119.47-	1.3	1.0	1.0	123.3-	119.8-
0773	31 59.41	111 13.07	3718.0	11528.00	.8	1152.80	1496.00	6.48	120.19-	116.87-	1.3	.8	.8	120.7-	117.4-
0774	31 58.51	111 13.32	3896.0	11408.00	1.0	1140.80	1494.79	12.43	120.31-	116.83-	1.3	1.0	1.0	120.6-	117.1-
0775	31 57.54	111 10.20	4112.0	11228.00	1.1	1122.80	1493.48	16.04	124.05-	120.38-	1.3	1.1	1.1	124.3-	120.6-
0776	31 56.86	111 9.72	4169.0	11169.00	1.2	1116.90	1492.56	16.42	125.61-	121.89-	1.4	1.2	1.2	125.8-	122.1-
0777	31 56.38	111 10.39	4375.0	11039.00	1.5	1103.90	1491.92	23.44	125.62-	121.71-	1.4	1.5	1.5	125.5-	121.6-
0778	31 57.51	111 9.06	3996.0	11276.00	1.0	1127.60	1493.44	9.98	126.16-	122.59-	1.3	1.0	1.0	126.5-	122.9-
0779	31 58.20	111 8.48	3836.0	11391.00	.8	1139.10	1494.37	5.50	125.19-	121.76-	1.3	.8	.8	125.7-	122.3-
0780	31 57.50	111 7.64	3816.0	11370.00	.6	1137.00	1493.43	2.47	127.54-	124.13-	1.3	.6	.6	128.2-	124.8-
0781	31 56.70	111 7.36	3846.0	11323.00	.6	1132.30	1492.35	1.67	129.36-	125.93-	1.3	.6	.6	130.1-	126.6-

STA	LAT	LONG	E	MG/DG	TC	DG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0782	31 55.88	111 7.94	3988.0	11233.00	.4	1123.30	1491.24	7.12	128.74-	125.18-	1.3	.4	.4	129.6-	126.1-
0783	31 55.90	111 8.64	4085.0	11182.00	.8	1118.20	1491.27	11.12	128.06-	124.41-	1.3	.8	.8	128.6-	124.9-
0784	31 57.36	111 8.40	3936.0	11309.00	.9	1130.90	1493.24	7.84	126.26-	122.74-	1.3	.9	.9	126.7-	123.1-
0785	31 56.68	111 8.49	4016.0	11245.00	.8	1124.50	1492.32	9.88	126.94-	123.36-	1.3	.8	.8	127.4-	123.9-
0786	31 55.98	111 9.44	4209.0	11121.00	1.0	1112.10	1491.38	16.57	126.83-	123.07-	1.4	1.0	1.0	127.2-	123.5-
0787	31 56.16	111 7.28	3878.0	11287.00	.6	1128.70	1491.62	1.80	130.32-	126.85-	1.3	.6	.6	131.0-	127.6-
0788	31 56.10	111 6.53	3767.0	11342.00	.5	1134.20	1491.54	3.05-	131.39-	128.03-	1.3	.5	.5	132.2-	128.8-
0789	31 57.03	111 6.51	3720.0	11396.00	.5	1139.60	1492.79	3.32-	130.06-	126.74-	1.3	.5	.5	130.9-	127.5-
0790	31 56.98	111 5.90	3636.0	11438.00	.4	1143.80	1492.72	6.96-	130.83-	127.58-	1.2	.4	.4	131.6-	128.4-
0791	31 56.27	111 5.78	3643.0	11414.00	.4	1141.40	1491.77	7.74-	131.85-	128.60-	1.2	.4	.4	132.7-	129.4-
0792	31 55.50	111 6.04	3726.0	11360.00	.4	1136.00	1490.73	4.30-	131.24-	127.91-	1.3	.4	.4	132.1-	128.8-
0793	31 55.26	111 6.77	3852.0	11283.00	.6	1128.30	1490.41	.17	131.06-	127.62-	1.3	.6	.6	131.8-	128.3-
0794	31 55.67	111 7.33	3888.0	11276.00	.6	1127.60	1490.96	2.31	130.16-	126.68-	1.3	.6	.6	130.9-	127.4-
0795	31 54.81	111 5.71	3721.0	11353.00	.4	1135.30	1489.80	4.54-	131.31-	127.99-	1.3	.4	.4	132.2-	128.9-
0796	31 53.20	111 9.56	4311.0	11015.00	1.3	1101.50	1487.63	19.30	127.57-	123.72-	1.4	1.3	1.3	127.7-	123.8-
0797	31 52.03	111 8.52	3943.0	11206.00	.9	1120.60	1486.05	5.38	128.95-	125.43-	1.3	.9	.9	129.4-	125.8-
0798	31 51.63	111 7.84	3812.0	11281.00	.9	1128.10	1485.52	1.10	128.77-	125.37-	1.3	.9	.9	129.2-	125.8-
0799	31 51.11	111 8.64	3977.0	11183.00	.7	1118.30	1484.82	7.52	127.98-	124.42-	1.3	.7	.7	128.6-	125.0-
0800	31 51.26	111 9.48	4094.0	11114.00	1.2	1111.40	1485.02	11.42	128.06-	124.41-	1.3	1.2	1.2	128.2-	124.5-
0801	31 56.10	111 4.37	3528.0	11482.00	.3	1148.20	1491.54	11.52-	131.72-	128.57-	1.2	.3	.3	132.6-	129.5-
0802	31 56.01	111 5.12	3592.0	11441.00	.3	1144.10	1491.42	9.48-	131.86-	128.65-	1.2	.3	.3	132.8-	129.6-
0803	31 54.06	111 4.17	3533.0	11473.00	.2	1147.30	1488.79	9.20-	129.57-	126.42-	1.2	.2	.2	130.6-	127.4-
0804	31 54.10	111 4.96	3622.0	11426.00	.3	1142.60	1488.84	5.59-	128.99-	125.75-	1.2	.3	.3	129.9-	126.7-
0805	31 52.69	111 6.69	3782.0	11306.00	.6	1130.60	1486.94	.65-	129.50-	126.12-	1.3	.6	.6	130.2-	126.8-
0806	31 53.82	111 7.33	3973.0	11205.00	.7	1120.50	1488.47	5.69	129.67-	126.12-	1.3	.7	.7	130.3-	126.7-
0807	31 52.98	111 7.46	3953.0	11204.00	.7	1120.40	1487.33	4.84	129.83-	126.30-	1.3	.7	.7	130.4-	126.9-
0808	31 53.76	111 8.09	4028.0	11176.00	.9	1117.60	1488.38	8.04	129.19-	125.59-	1.3	.9	.9	129.6-	126.0-
0809	31 58.61	111 9.40	3842.0	11409.00	.8	1140.90	1494.92	7.31	123.58-	120.15-	1.3	.8	.8	124.1-	120.7-
0810	31 56.57	111 3.74	3403.0	11552.00	.2	1155.20	1492.17	16.91-	132.85-	129.81-	1.2	.2	.2	133.9-	130.8-
0811	31 56.57	111 3.24	3358.0	11579.00	.2	1157.90	1492.17	18.44-	132.85-	129.85-	1.2	.2	.2	133.9-	130.9-
0812	31 56.57	111 1.72	3171.0	11720.00	.2	1172.00	1492.17	21.93-	129.96-	127.13-	1.1	.2	.2	130.9-	128.0-
0813	31 57.00	111 1.72	3158.0	11737.00	.2	1173.70	1492.75	22.03-	129.62-	126.80-	1.1	.2	.2	130.5-	127.7-
0814	31 57.00	111 2.22	3230.0	11690.00	.2	1169.00	1492.75	19.96-	130.00-	127.12-	1.1	.2	.2	130.9-	128.0-
0815	31 57.00	111 2.72	3284.0	11642.00	.2	1164.20	1492.75	19.68-	131.56-	128.63-	1.1	.2	.2	132.5-	129.5-
0816	31 57.00	111 3.24	3339.0	11602.00	.2	1160.20	1492.75	18.51-	132.27-	129.28-	1.1	.2	.2	133.2-	130.2-
0817	31 57.00	111 3.74	3395.0	11573.00	.2	1157.30	1492.75	16.14-	131.81-	128.78-	1.2	.2	.2	132.8-	129.8-
0818	31 57.21	111 3.74	3380.0	11586.00	.2	1158.60	1493.03	16.54-	131.69-	128.67-	1.2	.2	.2	132.7-	129.7-
0819	31 57.44	111 3.74	3379.0	11587.00	.2	1158.70	1493.34	16.84-	131.96-	128.94-	1.2	.2	.2	133.0-	129.9-
0820	31 57.44	111 3.24	3325.0	11622.00	.2	1162.20	1493.34	18.42-	131.70-	128.73-	1.1	.2	.2	132.6-	129.6-
0821	31 57.71	111 2.22	3205.0	11721.00	.2	1172.10	1493.71	20.17-	129.36-	126.50-	1.1	.2	.2	130.3-	127.4-
0822	31 58.31	111 2.37	3194.0	11737.00	.2	1173.70	1494.52	20.41-	129.23-	126.37-	1.1	.2	.2	130.1-	127.3-
0823	31 58.06	111 2.98	3272.0	11669.00	.2	1166.90	1494.18	19.54-	131.01-	128.09-	1.1	.2	.2	131.9-	129.0-
0824	31 53.52	111 4.28	3535.0	11480.00	.2	1148.00	1488.06	7.59-	128.02-	124.87-	1.2	.2	.2	129.0-	125.9-
0825	31 53.31	111 4.74	3638.0	11416.00	.3	1141.60	1487.78	4.02-	127.96-	124.72-	1.2	.3	.3	128.9-	125.6-
0826	31 53.60	111 5.30	3674.0	11382.00	.3	1138.20	1488.17	4.43-	129.60-	126.31-	1.2	.3	.3	130.5-	127.2-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0827	31 53.23	111 6.87	3874.0	11256.00	.6	1125.60	1487.67	2.28	129.71=	126.25=	1.3	.6	.6	130.4=	127.0=
0828	31 53.36	111 7.31	3914.0	11235.00	.7	1123.50	1487.85	3.76	129.58=	126.09=	1.3	.7	.7	130.2=	126.7=
0829	31 53.40	111 7.69	3988.0	11194.00	.8	1119.40	1487.90	6.57	129.30=	125.74=	1.3	.8	.8	129.8=	126.2=
0830	31 53.93	111 6.83	3873.0	11266.00	.6	1126.60	1488.61	2.24	129.71=	126.25=	1.3	.6	.6	130.4=	127.0=
0831	31 55.29	111 5.61	3693.0	11374.00	.2	1137.40	1490.45	5.72=	131.54=	128.24=	1.2	.2	.2	132.5=	129.2=
0832	31 56.27	111 4.82	3540.0	11477.00	.3	1147.70	1491.77	11.12=	131.73=	128.57=	1.2	.3	.3	132.6=	129.5=
0833	31 57.20	111 4.76	3491.0	11526.00	.3	1152.60	1493.02	12.09=	131.02=	127.90=	1.2	.3	.3	131.9=	128.8=
0834	31 58.04	111 4.61	3483.0	11558.00	.4	1155.80	1494.15	10.77=	129.43=	126.32=	1.2	.4	.4	130.2=	127.1=
0835	31 58.40	111 4.97	3466.0	11573.00	.3	1157.30	1494.64	11.36=	129.44=	126.34=	1.2	.3	.3	130.3=	127.2=
0836	31 59.61	111 2.22	3060.0	11826.00	.1	1182.60	1496.27	25.87=	130.12=	127.36=	1.1	.1	.1	131.1=	128.4=
0837	31 59.16	111 2.72	3150.0	11770.00	.1	1177.00	1495.67	22.40=	129.71=	126.90=	1.1	.1	.1	130.7=	127.9=
0838	31 59.64	111 1.18	2969.0	11882.00	.1	1188.20	1496.31	28.86=	130.01=	127.36=	1.0	.1	.1	130.9=	128.3=
0839	31 59.16	111 1.18	3000.0	11854.00	.1	1185.40	1495.67	28.10=	130.31=	127.63=	1.0	.1	.1	131.2=	128.5=
0840	31 59.16	111 1.72	3052.0	11812.00	.1	1181.20	1495.67	27.41=	131.39=	128.66=	1.1	.1	.1	132.4=	129.7=
0841	31 58.72	111 1.72	3080.0	11800.00	.1	1180.00	1495.07	25.38=	130.32=	127.57=	1.1	.1	.1	131.3=	128.6=
0842	31 58.31	111 1.72	3104.0	11792.00	.1	1179.20	1494.52	23.37=	129.12=	126.35=	1.1	.1	.1	130.1=	127.4=
0843	31 57.84	111 1.72	3139.0	11771.00	.1	1177.10	1493.88	21.55=	128.49=	125.69=	1.1	.1	.1	129.5=	126.7=
0844	31 59.02	111 2.19	3116.0	11779.00	.1	1177.90	1495.48	24.50=	130.66=	127.88=	1.1	.1	.1	131.7=	128.9=
0845	31 59.16	111 .71	2942.0	11893.00	.1	1189.30	1495.67	29.65=	129.89=	127.26=	1.0	.1	.1	130.8=	128.2=
0846	31 58.69	111 3.54	3265.0	11692.00	.2	1169.20	1495.03	18.75=	129.98=	127.07=	1.1	.2	.2	130.9=	128.0=
0847	31 58.36	111 4.07	3349.0	11637.00	.2	1163.70	1494.59	15.90=	130.00=	127.01=	1.2	.2	.2	131.0=	128.0=
0848	31 57.16	111 1.24	3096.0	11783.00	.1	1178.30	1492.97	23.47=	128.95=	126.19=	1.1	.1	.1	130.0=	127.2=
0849	31 57.66	111 1.18	3070.0	11807.00	.1	1180.70	1493.64	24.19=	128.79=	126.04=	1.1	.1	.1	129.8=	127.0=
0850	31 57.84	111 .71	3018.0	11847.00	.1	1184.70	1493.88	25.33=	128.15=	125.45=	1.1	.1	.1	129.2=	126.5=
0851	31 58.04	111 1.18	3068.0	11814.00	.1	1181.40	1494.15	24.19=	128.72=	125.98=	1.1	.1	.1	129.7=	127.0=
0852	31 58.69	111 1.18	3027.0	11835.00	.1	1183.50	1495.03	26.83=	129.95=	127.25=	1.1	.1	.1	131.0=	128.3=
0853	31 55.56	111 3.00	3355.0	11574.00	.2	1157.40	1490.81	17.86=	132.17=	129.17=	1.2	.2	.2	133.2=	130.2=
0854	31 55.03	111 1.86	3199.0	11685.00	.2	1168.50	1490.10	20.72=	129.70=	126.85=	1.1	.2	.2	130.6=	127.8=
0855	31 55.36	111 .79	3074.0	11750.00	.2	1175.00	1490.54	26.42=	131.15=	128.40=	1.1	.2	.2	132.1=	129.3=
0856	31 55.46	111 .17	2997.0	11804.00	.2	1180.40	1490.68	28.39=	130.50=	127.82=	1.0	.2	.2	131.3=	128.6=
0857	31 54.59	111 2.36	3306.0	11625.00	.3	1162.50	1489.50	16.06=	128.70=	125.74=	1.1	.3	.3	129.5=	126.5=
0858	31 54.02	111 2.70	3347.0	11571.00	.2	1157.10	1488.74	16.84=	130.87=	127.88=	1.2	.2	.2	131.9=	128.9=
0859	31 55.90	111 3.66	3416.0	11545.00	.2	1154.50	1491.27	15.49=	131.87=	128.81=	1.2	.2	.2	132.9=	129.8=
0860	31 55.97	111 3.14	3349.0	11581.00	.2	1158.10	1491.36	18.28=	132.38=	129.39=	1.2	.2	.2	133.4=	130.4=
0861	31 55.90	111 2.27	3257.0	11643.00	.2	1164.30	1491.27	20.64=	131.60=	128.69=	1.1	.2	.2	132.5=	129.6=
0862	31 55.23	111 3.83	3468.0	11519.00	.2	1151.90	1490.37	12.29=	130.44=	127.35=	1.2	.2	.2	131.4=	128.4=
0863	31 54.81	111 4.32	3543.0	11457.00	.3	1145.70	1489.80	10.87=	131.58=	128.42=	1.2	.3	.3	132.5=	129.3=
0864	31 54.41	111 1.67	3213.0	11654.00	.2	1165.40	1489.26	21.67=	131.13=	128.26=	1.1	.2	.2	132.0=	129.2=
0865	31 53.96	111 .42	3019.0	11757.00	.2	1175.70	1488.65	29.00=	131.86=	129.16=	1.1	.2	.2	132.8=	130.1=
0866	31 53.23	111 2.20	3278.0	11621.00	.2	1162.10	1487.67	17.26=	128.94=	126.01=	1.1	.2	.2	129.8=	126.9=
0867	31 53.10	111 2.72	3341.0	11587.00	.2	1158.70	1487.50	14.56=	128.39=	125.41=	1.1	.2	.2	129.3=	126.3=
0868	31 53.00	111 5.61	3719.0	11349.00	.4	1134.90	1487.36	2.69=	129.39=	126.07=	1.3	.4	.4	130.3=	127.0=
0869	31 52.24	111 5.70	3576.0	11422.00	.4	1142.20	1486.34	7.81=	129.64=	126.45=	1.2	.4	.4	130.4=	127.3=
0870	31 51.30	111 4.18	3435.0	11509.00	.2	1150.90	1485.07	11.10=	128.13=	125.06=	1.2	.2	.2	129.1=	126.1=
0871	31 51.50	111 3.56	3373.0	11543.00	.2	1154.30	1485.34	13.80=	128.72=	125.70=	1.2	.2	.2	129.7=	126.7=

STA	LAT	LONG	E	MG/DG	TC	DG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0872	31 51.68	111 4.76	3510.0	11452.00	.2	1145.20	1485.58	10.26-	129.84-	126.71-	1.2	.2	.2	130.8-	127.7-
0873	31 48.91	111 2.26	3129.0	11575.00	.3	1157.50	1481.86	30.06-	136.66-	133.87-	1.1	.3	.3	137.5-	134.7-
0874	31 52.20	111 4.20	3490.0	11468.00	.2	1146.80	1486.28	11.24-	130.14-	127.03-	1.2	.2	.2	131.1-	128.0-
0875	31 53.46	111 .46	3047.0	11741.00	.2	1174.10	1487.98	27.29-	131.10-	128.38-	1.1	.2	.2	132.0-	129.3-
0876	31 53.19	111 .97	3104.0	11711.00	.2	1171.10	1487.62	24.57-	130.32-	127.55-	1.1	.2	.2	131.2-	128.5-
0877	31 52.81	111 1.53	3182.0	11666.00	.2	1166.60	1487.10	21.22-	129.63-	126.79-	1.1	.2	.2	130.5-	127.7-
0878	31 52.46	111 2.16	3243.0	11627.00	.2	1162.70	1486.63	18.92-	129.40-	126.51-	1.1	.2	.2	130.3-	127.4-
0879	31 52.20	111 2.68	3324.0	11587.00	.2	1158.70	1486.28	14.95-	128.20-	125.23-	1.1	.2	.2	129.1-	126.1-
0880	31 52.20	111 1.70	3186.0	11648.00	.2	1164.80	1486.28	21.83-	130.37-	127.53-	1.1	.2	.2	131.3-	128.4-
0881	31 52.23	111 1.19	3129.0	11685.00	.2	1168.50	1486.32	23.53-	130.13-	127.34-	1.1	.2	.2	131.0-	128.2-
0882	31 52.31	111 .67	3061.0	11714.00	.2	1171.40	1486.43	27.13-	131.42-	128.68-	1.1	.2	.2	132.3-	129.6-
0883	31 52.39	111 .12	2979.0	11757.00	.2	1175.70	1486.54	30.65-	132.14-	129.48-	1.0	.2	.2	132.9-	130.3-
0884	31 52.99	111 .56	3041.0	11739.00	.2	1173.90	1487.35	27.43-	131.03-	128.31-	1.1	.2	.2	131.9-	129.2-
0885	31 51.66	111 2.40	3262.0	11611.00	.2	1161.10	1485.56	17.65-	128.79-	125.87-	1.1	.2	.2	129.7-	126.8-
0886	31 50.66	111 2.74	3241.0	11619.00	.2	1161.90	1484.21	17.48-	127.90-	125.00-	1.1	.2	.2	128.8-	125.9-
0887	31 49.62	111 5.71	3447.0	11458.00	.4	1145.80	1482.81	12.81-	130.25-	127.17-	1.2	.4	.4	131.1-	128.0-
0888	31 49.92	111 9.16	3980.0	11121.00	.6	1112.10	1483.21	3.20	132.39-	128.84-	1.3	.6	.6	133.1-	129.5-
0889	31 50.44	111 9.70	4148.0	11035.00	1.1	1103.50	1483.91	9.70	131.62-	127.92-	1.4	1.1	1.1	131.9-	128.2-
0890	31 59.63	111 4.77	3307.0	11691.00	.3	1169.10	1496.30	16.17-	128.83-	125.88-	1.1	.3	.3	129.6-	126.7-
0891	31 59.60	111 3.79	3236.0	11734.00	.2	1173.40	1496.26	18.50-	128.75-	125.86-	1.1	.2	.2	129.7-	126.8-
0892	31 48.96	111 6.09	3481.0	11387.00	.3	1138.70	1481.92	15.83-	134.42-	131.31-	1.2	.3	.3	135.3-	132.2-
0893	31 48.40	111 5.27	3429.0	11375.00	.2	1137.50	1481.17	21.16-	137.99-	134.92-	1.2	.2	.2	139.0-	135.9-
0894	31 47.86	111 5.77	3446.0	11367.00	.2	1136.70	1480.44	19.64-	137.04-	133.96-	1.2	.2	.2	138.0-	135.0-
0895	31 49.01	111 8.28	3737.0	11255.00	1.0	1125.50	1481.99	5.02-	132.34-	129.00-	1.3	1.0	1.0	132.6-	129.3-
0896	31 48.43	111 7.96	3714.0	11268.00	.4	1126.80	1481.21	5.10-	131.64-	128.32-	1.2	.4	.4	132.4-	129.1-
0897	31 46.79	111 4.17	3240.0	11449.00	.3	1144.90	1479.00	29.37-	139.75-	136.86-	1.1	.3	.3	140.6-	137.7-
0898	31 46.58	111 3.64	3194.0	11462.00	.3	1146.20	1478.72	32.11-	140.93-	138.08-	1.1	.3	.3	141.7-	138.9-
0899	31 46.16	111 2.97	3134.0	11459.00	.3	1145.90	1478.16	37.49-	144.26-	141.46-	1.1	.3	.3	145.1-	142.3-
0900	31 47.32	111 5.99	3414.0	11382.00	.2	1138.20	1479.72	20.42-	136.73-	133.68-	1.2	.2	.2	137.7-	134.7-
0901	31 47.62	111 7.29	3554.0	11356.00	.2	1135.60	1480.12	10.26-	131.34-	128.17-	1.2	.2	.2	132.3-	129.2-
0902	31 47.77	111 8.20	3648.0	11270.00	.3	1127.00	1480.32	10.22-	134.51-	131.25-	1.2	.3	.3	135.4-	132.2-
0903	31 46.94	111 7.81	3539.0	11331.00	.2	1133.10	1479.21	13.26-	133.83-	130.67-	1.2	.2	.2	134.8-	131.7-
0904	31 48.19	111 9.28	3777.0	11205.00	.3	1120.50	1480.89	5.16-	133.84-	130.46-	1.3	.3	.3	134.8-	131.5-
0905	31 47.31	111 5.30	3356.0	11408.00	.2	1140.80	1479.70	23.26-	137.60-	134.60-	1.2	.2	.2	138.6-	135.6-
0906	31 48.41	111 2.33	3115.0	11562.00	.3	1156.20	1481.18	32.00-	138.13-	135.35-	1.1	.3	.3	138.9-	136.2-
0907	31 48.61	111 4.73	3353.0	11431.00	.2	1143.10	1481.45	22.99-	137.23-	134.23-	1.2	.2	.2	138.2-	135.2-
0908	31 48.38	111 4.20	3312.0	11455.00	.2	1145.50	1481.14	24.14-	136.97-	134.02-	1.1	.2	.2	137.9-	134.9-
0909	31 48.16	111 3.66	3250.0	11491.00	.3	1149.10	1480.85	26.07-	136.80-	133.89-	1.1	.3	.3	137.6-	134.7-
0910	31 47.20	111 2.79	3108.0	11519.00	.3	1151.90	1479.56	35.33-	141.22-	138.44-	1.1	.3	.3	142.0-	139.2-
0911	31 47.58	111 2.94	3158.0	11509.00	.3	1150.90	1480.07	32.14-	139.73-	136.91-	1.1	.3	.3	140.5-	137.7-
0912	31 48.34	111 2.72	3157.0	11536.00	.3	1153.60	1481.09	30.56-	138.12-	135.30-	1.1	.3	.3	138.9-	136.1-
0913	31 47.96	111 2.03	3106.0	11556.00	.3	1155.60	1480.58	32.84-	138.66-	135.89-	1.1	.3	.3	139.5-	136.7-
0914	31 47.36	111 1.24	2953.0	11621.00	.3	1162.10	1479.77	39.92-	140.53-	137.89-	1.0	.3	.3	141.2-	138.6-
0915	31 46.83	111 1.59	2981.0	11574.00	.3	1157.40	1479.06	41.28-	142.84-	140.18-	1.0	.3	.3	143.5-	140.9-
0916	31 52.60	111 12.96	6008.0	9948.00	10.5	994.80	1486.82	72.94	131.75-	126.38-	1.7	10.5	10.2	123.0-	117.9-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0917	31 52.66	111 8.41	4180.0	11060.00	1.4	1106.00	1486.90	12.22	130.19=	126.46=	1.4	1.4	1.4	130.2=	126.5=
0918	31 52.34	111 9.53	4223.0	11051.00	1.3	1105.10	1486.47	15.79	128.09=	124.31=	1.4	1.3	1.3	128.2=	124.4=
0919	31 52.02	111 10.34	4431.0	10908.00	1.8	1090.80	1486.04	21.48	129.48=	125.53=	1.4	1.8	1.8	129.1=	125.1=
0920	31 51.63	111 11.01	4913.0	10620.00	3.4	1062.00	1485.52	38.51	128.87=	124.48=	1.5	3.4	3.3	127.0=	122.7=
0921	31 51.61	111 8.38	3900.0	11236.00	.8	1123.60	1485.49	4.90	127.97=	124.48=	1.3	.8	.8	128.5=	125.0=
0922	31 50.26	111 11.44	4481.0	10839.00	2.3	1083.90	1483.67	21.65	131.02=	127.02=	1.4	2.3	2.2	130.1=	126.2=
0923	31 49.18	111 10.33	4072.0	11059.00	.7	1105.90	1482.22	6.65	132.08=	128.45=	1.3	.7	.7	132.7=	129.1=
0924	31 59.88	111 12.28	3622.0	11588.00	.7	1158.80	1496.64	2.82	120.58=	117.35=	1.2	.7	.7	121.1=	117.9=
0925	31 59.14	111 10.68	3800.0	11458.00	.8	1145.80	1495.64	7.55	121.91=	118.52=	1.3	.8	.8	122.4=	119.0=
0926	31 59.33	111 11.41	3751.0	11498.00	.8	1149.80	1495.89	6.69	121.11=	117.76=	1.3	.8	.8	121.6=	118.3=
0927	31 59.69	111 9.10	3648.0	11543.00	.6	1154.30	1496.38	1.02	123.27=	120.01=	1.2	.6	.6	123.9=	120.6=
0928	32 .02	111 7.86	3506.0	11619.00	.5	1161.90	1496.83	5.18=	124.63=	121.50=	1.2	.5	.5	125.3=	122.2=
0929	31 57.40	111 13.98	4024.0	11316.00	1.3	1131.60	1493.29	16.76	120.33=	116.74=	1.3	1.3	1.3	120.3=	116.7=
0930	31 57.38	111 13.23	4134.0	11237.00	1.3	1123.70	1493.26	19.23	121.61=	117.92=	1.4	1.3	1.3	121.7=	118.0=
0931	31 59.09	111 14.99	3613.0	11588.00	.8	1158.80	1495.57	3.04	120.06=	116.83=	1.2	.8	.8	120.5=	117.2=
0932	31 56.31	111 14.91	3923.0	11370.00	1.1	1137.00	1491.82	14.13	119.52=	116.02=	1.3	1.1	1.1	119.7=	116.2=
0933	31 56.01	111 14.47	4027.0	11291.00	1.3	1129.10	1491.42	16.42	120.78=	117.18=	1.3	1.3	1.3	120.8=	117.2=
0934	31 55.41	111 14.07	4184.0	11174.00	1.6	1117.40	1490.61	20.29	122.26=	118.52=	1.4	1.6	1.6	122.1=	118.3=
0935	31 49.26	111 11.46	4090.0	11073.00	.9	1107.30	1482.33	9.63	129.71=	126.06=	1.3	.9	.9	130.1=	126.5=
0936	31 50.69	111 12.10	4491.0	10916.00	1.5	1091.60	1484.25	29.71	123.30=	119.29=	1.4	1.5	1.5	123.2=	119.2=
0937	31 51.27	111 12.12	4562.0	10870.00	2.5	1087.00	1485.03	31.00	124.42=	120.35=	1.4	2.5	2.4	123.3=	119.4=
0938	31 48.61	111 11.32	4097.0	11051.00	.7	1105.10	1481.45	8.96	130.62=	126.96=	1.3	.7	.7	131.2=	127.6=
0939	31 46.31	111 10.73	3695.0	11242.00	.3	1124.20	1478.36	6.64=	132.53=	129.23=	1.2	.3	.3	133.4=	130.1=
0940	31 45.80	111 11.87	3618.0	11291.00	.3	1129.10	1477.67	8.30=	131.56=	128.33=	1.2	.3	.3	132.5=	129.2=
0941	31 46.90	111 12.77	3742.0	11252.00	.3	1125.20	1479.15	2.02=	129.50=	126.16=	1.3	.3	.3	130.5=	127.2=
0942	31 47.67	111 12.20	3832.0	11211.00	.5	1121.10	1480.19	1.31	129.24=	125.82=	1.3	.5	.5	130.0=	126.6=
0943	31 47.04	111 11.69	3765.0	11227.00	.3	1122.70	1479.34	2.54=	130.81=	127.45=	1.3	.3	.3	131.8=	128.5=
0944	31 47.73	111 13.24	3867.0	11208.00	.4	1120.80	1480.27	4.22	127.52=	124.07=	1.3	.4	.4	128.4=	125.0=
0945	31 48.89	111 13.22	4044.0	11154.00	.6	1115.40	1481.83	13.90	123.87=	120.26=	1.3	.6	.6	124.6=	121.0=
0946	31 49.00	111 13.80	4005.0	11210.00	.7	1121.00	1481.98	15.69	120.76=	117.18=	1.3	.7	.7	121.4=	117.8=
0947	31 48.76	111 14.54	3887.0	11287.00	.6	1128.70	1481.65	12.62	119.81=	116.34=	1.3	.6	.6	120.5=	117.0=
0948	31 48.20	111 14.27	3924.0	11224.00	.5	1122.40	1480.90	10.55	123.14=	119.63=	1.3	.5	.5	123.9=	120.4=
0949	31 47.53	111 14.40	3807.0	11281.00	.4	1128.10	1480.00	6.15	123.55=	120.15=	1.3	.4	.4	124.5=	121.1=
0950	31 46.98	111 14.63	3703.0	11333.00	.3	1133.30	1479.26	2.31	123.85=	120.54=	1.2	.3	.3	124.8=	121.4=
0951	31 45.61	111 5.27	3267.0	11435.00	.3	1143.50	1477.42	26.64=	137.95=	135.03=	1.1	.3	.3	138.8=	135.8=
0952	31 45.73	111 5.98	3324.0	11432.00	.3	1143.20	1477.58	21.75=	134.99=	132.02=	1.1	.3	.3	135.8=	132.8=
0953	31 46.06	111 6.86	3404.0	11418.00	.2	1141.80	1478.02	16.07=	132.04=	129.00=	1.2	.2	.2	133.0=	130.0=
0954	31 45.74	111 4.60	3228.0	11443.00	.3	1144.30	1477.59	29.69=	139.66=	136.78=	1.1	.3	.3	140.5=	137.6=
0955	31 55.00	111 2.72	3330.0	11610.00	.2	1161.00	1490.06	15.86=	129.31=	126.33=	1.1	.2	.2	130.2=	127.2=
0956	31 59.40	111 7.86	3602.0	11547.00	.6	1154.70	1495.99	2.52=	125.23=	122.02=	1.2	.6	.6	125.8=	122.6=
0957	31 59.38	111 6.08	3475.0	11603.00	.4	1160.30	1495.96	8.83=	127.22=	124.12=	1.2	.4	.4	128.0=	124.9=
0958	31 56.79	111 3.96	3428.0	11549.00	.2	1154.90	1492.47	15.16=	131.95=	128.88=	1.2	.2	.2	133.0=	129.9=
0959	31 54.10	111 5.84	3737.0	11344.00	.4	1134.40	1488.84	2.98=	130.29=	126.96=	1.3	.4	.4	131.2=	127.9=
0960	31 45.30	111 3.64	3147.0	11430.00	.3	1143.00	1477.00	38.01=	145.23=	142.42=	1.1	.3	.3	146.0=	143.2=
0961	31 53.30	111 17.07	3762.0	11523.00	1.0	1152.30	1487.76	18.35	109.82=	106.46=	1.3	1.0	1.0	110.1=	106.8=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0962	31 53.52	111 17.59	3678.0	11583.00	1.2	1158.30	1488.06	16.16	109.15=	105.86=	1.2	1.2	1.2	109.2=	105.9=
0963	31 56.60	111 15.47	3824.0	11448.00	1.0	1144.80	1492.21	12.23	118.05=	114.63=	1.3	1.0	1.0	118.4=	114.9=
0964	31 55.66	111 16.56	3989.0	11338.00	1.1	1133.80	1490.95	18.01	117.89=	114.32=	1.3	1.1	1.1	118.1=	114.5=
0965	31 56.64	111 16.54	3645.0	11571.00	.9	1157.10	1492.27	7.65	116.53=	113.26=	1.2	.9	.9	116.8=	113.6=
0966	31 57.87	111 16.29	3592.0	11607.00	.7	1160.70	1493.92	4.61	117.77=	114.56=	1.2	.7	.7	118.3=	115.1=
0967	31 56.47	111 17.46	3544.0	11651.00	.7	1165.10	1492.04	6.38	114.36=	111.19=	1.2	.7	.7	114.9=	111.7=
0968	31 55.71	111 16.91	3650.0	11581.00	.8	1158.10	1491.01	10.37	113.98=	110.72=	1.2	.8	.8	114.4=	111.1=
0969	31 55.23	111 16.44	3791.0	11488.00	1.1	1148.80	1490.37	14.98	114.18=	110.79=	1.3	1.1	1.1	114.4=	111.0=
0970	31 55.31	111 17.87	3521.0	11683.00	.8	1168.30	1490.47	8.98	110.97=	107.83=	1.2	.8	.8	111.4=	108.2=
0971	31 54.70	111 17.50	3619.0	11631.00	1.1	1163.10	1489.65	13.82	109.48=	106.24=	1.2	1.1	1.1	109.6=	106.3=
0972	31 53.74	111 17.04	3813.0	11494.00	1.3	1149.40	1488.36	19.65	110.25=	106.85=	1.3	1.3	1.3	110.3=	106.9=
0973	31 54.16	111 16.98	3710.0	11561.00	1.0	1156.10	1488.92	16.10	110.29=	106.96=	1.2	1.0	1.0	110.5=	107.2=
0974	31 56.03	111 18.97	3348.0	11787.00	.6	1178.70	1491.44	2.14	111.92=	108.93=	1.2	.6	.6	112.5=	109.5=
0975	31 56.18	111 18.19	3446.0	11732.00	.7	1173.20	1491.65	5.66	111.74=	108.67=	1.2	.7	.7	112.2=	109.2=
0976	31 56.68	111 18.74	3351.0	11784.00	.6	1178.40	1492.32	1.25	112.92=	109.92=	1.2	.6	.6	113.5=	110.5=
0977	31 55.10	111 18.74	3411.0	11764.00	.7	1176.40	1490.19	7.02	109.19=	106.14=	1.2	.7	.7	109.7=	106.6=
0978	31 54.56	111 19.02	3386.0	11776.00	.7	1177.60	1489.46	6.60	108.76=	105.73=	1.2	.7	.7	109.3=	106.2=
0979	31 54.10	111 18.79	3476.0	11710.00	.7	1171.00	1488.84	9.08	109.34=	106.24=	1.2	.7	.7	109.8=	106.7=
0980	31 52.71	111 18.57	3577.0	11612.00	.7	1161.20	1486.97	10.65	111.21=	108.02=	1.2	.7	.7	111.7=	108.5=
0981	31 52.46	111 17.42	3793.0	11481.00	1.0	1148.10	1486.63	18.20	111.03=	107.64=	1.3	1.0	1.0	111.3=	107.9=
0982	31 52.59	111 16.71	3962.0	11385.00	1.4	1138.50	1486.81	24.31	110.67=	107.13=	1.3	1.4	1.4	110.6=	107.0=
0983	31 51.77	111 17.14	3785.0	11466.00	.8	1146.60	1485.70	16.88	112.08=	108.70=	1.3	.8	.8	112.6=	109.2=
0984	31 50.92	111 17.32	3689.0	11492.00	.7	1149.20	1484.56	11.59	114.09=	110.79=	1.2	.7	.7	114.6=	111.3=
0985	31 50.78	111 16.61	3797.0	11443.00	.8	1144.30	1484.37	17.04	112.32=	108.93=	1.3	.8	.8	112.8=	109.4=
0986	31 49.86	111 15.89	3794.0	11416.00	.7	1141.60	1483.13	15.29	113.97=	110.58=	1.3	.7	.7	114.6=	111.2=
0987	31 51.24	111 15.80	3975.0	11347.00	1.1	1134.70	1484.99	23.55	111.87=	108.32=	1.3	1.1	1.1	112.1=	108.5=
0988	31 48.51	111 15.74	3793.0	11361.00	.5	1136.10	1481.32	11.52	117.71=	114.32=	1.3	.5	.5	118.5=	115.1=
0989	31 46.91	111 17.31	3498.0	11507.00	.3	1150.70	1479.16	.53	118.64=	115.52=	1.2	.3	.3	119.5=	116.4=
0990	31 46.57	111 16.71	3496.0	11492.00	.3	1149.20	1478.71	.70=	119.81=	116.68=	1.2	.3	.3	120.7=	117.6=
0991	31 46.17	111 15.26	3609.0	11414.00	.3	1141.40	1478.17	2.66	120.29=	117.07=	1.2	.3	.3	121.2=	118.0=
0992	31 45.54	111 15.30	3668.0	11369.00	.4	1136.90	1477.32	4.56	120.41=	117.13=	1.2	.4	.4	121.2=	117.9=
0993	31 51.79	111 20.30	3322.0	11706.00	.4	1170.60	1485.73	2.69=	115.86=	112.90=	1.1	.4	.4	116.6=	113.6=
0994	31 51.86	111 18.39	3573.0	11586.00	.6	1158.60	1485.83	8.82	112.91=	109.72=	1.2	.6	.6	113.5=	110.3=
0995	31 48.82	111 16.47	3671.0	11445.00	.5	1144.50	1481.73	8.03	117.04=	113.76=	1.2	.5	.5	117.7=	114.5=
0996	31 49.40	111 17.07	3647.0	11457.00	.5	1145.70	1482.51	6.19	118.06=	114.80=	1.2	.5	.5	118.8=	115.5=
0997	31 48.08	111 18.14	3500.0	11460.00	.4	1146.00	1480.74	5.56=	124.80=	121.67=	1.2	.4	.4	125.6=	122.5=
0998	31 47.52	111 18.46	3408.0	11506.00	.3	1150.60	1479.99	8.85=	124.96=	121.92=	1.2	.3	.3	125.9=	122.8=
0999	31 48.77	111 18.76	3473.0	11502.00	.4	1150.20	1481.67	4.82=	123.15=	120.04=	1.2	.4	.4	124.0=	120.8=
1000	31 49.39	111 19.66	3355.0	11601.00	.4	1160.10	1482.50	6.85=	121.16=	118.16=	1.2	.4	.4	122.0=	119.0=
1001	31 50.44	111 18.81	3469.0	11590.00	.5	1159.00	1483.91	1.35	116.83=	113.73=	1.2	.5	.5	117.5=	114.4=
1002	31 50.72	111 18.13	3610.0	11525.00	.6	1152.50	1484.29	7.73	115.26=	112.03=	1.2	.6	.6	115.9=	112.6=
1003	31 51.28	111 18.73	3525.0	11596.00	.6	1159.60	1485.04	6.09	114.01=	110.86=	1.2	.6	.6	114.6=	111.5=
1004	31 51.50	111 19.73	3402.0	11659.00	.4	1165.90	1485.34	.53	115.38=	112.34=	1.2	.4	.4	116.2=	113.1=
1005	31 52.87	111 25.12	3004.0	11776.00	.1	1177.60	1487.19	27.04=	129.39=	126.70=	1.1	.1	.1	130.4=	127.7=
1006	31 52.64	111 26.26	3054.0	11713.00	.2	1171.30	1486.88	28.33=	132.38=	129.65=	1.1	.2	.2	133.3=	130.6=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
1007	31 52.56	111 27.14	3116.0	11672.00	.2	1167.20	1486.77	26.49-	132.65-	129.87-	1.1	.2	.2	133.6-	130.8-
1008	31 52.72	111 28.17	3181.0	11660.00	.3	1166.00	1486.98	21.80-	130.17-	127.33-	1.1	.3	.3	131.0-	128.1-
1009	31 52.84	111 28.98	3239.0	11646.00	.3	1164.60	1487.15	17.91-	128.26-	125.36-	1.1	.3	.3	129.1-	126.2-
1010	31 52.27	111 29.13	3223.0	11656.00	.3	1165.60	1486.38	17.64-	127.45-	124.57-	1.1	.3	.3	128.3-	125.4-
1011	31 53.88	111 27.24	3142.0	11696.00	.3	1169.60	1488.55	23.43-	130.47-	127.67-	1.1	.3	.3	131.3-	128.5-
1012	31 47.60	111 20.20	3318.0	11527.00	.2	1152.70	1480.09	15.32-	128.37-	125.40-	1.1	.2	.2	129.3-	126.3-
1013	31 46.98	111 19.93	3298.0	11533.00	.2	1153.30	1479.26	15.77-	128.13-	125.19-	1.1	.2	.2	129.0-	126.1-
1014	31 47.16	111 19.02	3355.0	11529.00	.3	1152.90	1479.50	11.05-	125.36-	122.36-	1.2	.3	.3	126.3-	123.3-
1015	31 50.14	111 20.34	3308.0	11651.00	.4	1165.10	1483.51	7.28-	119.98-	117.03-	1.1	.4	.4	120.7-	117.7-
1016	31 50.36	111 21.09	3245.0	11682.00	.3	1168.20	1483.81	10.40-	120.96-	118.06-	1.1	.3	.3	121.8-	118.9-
1017	31 50.62	111 21.83	3171.0	11719.00	.3	1171.90	1484.16	14.01-	122.04-	119.21-	1.1	.3	.3	122.8-	120.0-
1018	31 50.47	111 22.51	3113.0	11730.00	.2	1173.00	1483.95	18.16-	124.22-	121.44-	1.1	.2	.2	125.1-	122.3-
1019	31 55.41	111 21.33	3070.0	11909.00	.2	1190.90	1490.61	10.96-	115.55-	112.81-	1.1	.2	.2	116.5-	113.7-
1020	31 54.90	111 20.71	3169.0	11885.00	.3	1188.50	1489.92	3.36-	111.33-	108.50-	1.1	.3	.3	112.1-	109.3-
1021	31 54.51	111 20.70	3275.0	11835.00	.4	1183.50	1489.40	2.13	109.45-	106.52-	1.1	.4	.4	110.2-	107.2-
1022	31 54.00	111 19.49	3383.0	11766.00	.5	1176.60	1488.71	6.07	109.18-	106.16-	1.2	.5	.5	109.9-	106.9-
1023	31 52.73	111 20.36	3274.0	11769.00	.4	1176.90	1487.00	2.17-	113.71-	110.78-	1.1	.4	.4	114.4-	111.5-
1024	31 52.21	111 19.61	3399.0	11687.00	.5	1168.70	1486.30	2.09	113.71-	110.68-	1.2	.5	.5	114.4-	111.4-
1025	31 53.34	111 21.31	3153.0	11841.00	.3	1184.10	1487.82	7.17-	114.59-	111.77-	1.1	.3	.3	115.4-	112.6-
1026	31 52.76	111 22.46	3041.0	11861.00	.2	1186.10	1487.04	14.92-	118.52-	115.80-	1.1	.2	.2	119.4-	116.7-
1027	31 52.37	111 21.60	3158.0	11803.00	.3	1180.30	1486.51	9.19-	116.78-	113.96-	1.1	.3	.3	117.6-	114.8-
1028	31 53.81	111 21.52	3119.0	11874.00	.3	1187.40	1488.45	7.70-	113.96-	111.17-	1.1	.3	.3	114.8-	112.0-
1029	31 54.12	111 22.08	3028.0	11919.00	.2	1191.90	1488.87	12.17-	115.33-	112.63-	1.1	.2	.2	116.2-	113.5-
1030	31 56.74	111 22.63	2875.0	11983.00	.1	1198.30	1492.40	23.69-	121.64-	119.07-	1.0	.1	.1	122.5-	120.0-
1031	31 56.81	111 21.86	2954.0	11944.00	.2	1194.40	1492.50	20.26-	120.90-	118.26-	1.0	.2	.2	121.7-	119.1-
1032	31 56.23	111 21.26	3188.0	11877.00	.3	1187.70	1491.71	4.17-	112.78-	109.93-	1.1	.3	.3	113.6-	110.7-
1033	31 59.24	111 17.13	3335.0	11704.00	.5	1170.40	1495.77	11.71-	125.33-	122.35-	1.1	.5	.5	125.9-	123.0-
1034	31 58.70	111 17.07	3413.0	11657.00	.6	1165.70	1495.04	8.34-	124.62-	121.57-	1.2	.6	.6	125.2-	122.2-
1035	31 58.40	111 16.40	3516.0	11614.00	.6	1161.40	1494.64	2.55-	122.34-	119.20-	1.2	.6	.6	122.9-	119.8-
1036	31 58.06	111 17.10	3470.0	11655.00	.6	1165.50	1494.18	2.32-	120.54-	117.44-	1.2	.6	.6	121.1-	118.0-
1037	31 59.01	111 17.74	3309.0	11718.00	.5	1171.80	1495.46	12.44-	125.18-	122.22-	1.1	.5	.5	125.8-	122.8-
1038	31 57.72	111 17.90	3406.0	11687.00	.6	1168.70	1493.72	4.68-	120.72-	117.68-	1.2	.6	.6	121.3-	118.3-
1039	31 52.49	111 16.03	4052.0	11311.00	1.7	1131.10	1486.67	25.51	112.54-	108.92-	1.3	1.7	1.7	112.1-	108.5-
1040	31 40.16	111 10.39	3570.0	11167.00	.3	1116.70	1470.10	17.63-	139.26-	136.07-	1.2	.3	.3	140.2-	137.0-
1041	31 44.76	111 14.64	3833.0	11194.00	.4	1119.40	1476.28	3.62	126.97-	123.55-	1.3	.4	.4	127.9-	124.5-
1042	31 44.30	111 3.60	3101.0	11434.00	.3	1143.40	1475.66	40.59-	146.24-	143.47-	1.1	.3	.3	147.0-	144.3-
1043	31 44.40	111 7.24	3315.0	11469.00	.3	1146.90	1475.79	17.10-	130.04-	127.08-	1.1	.3	.3	130.8-	127.9-
1044	31 41.63	111 10.42	3439.0	11290.00	.2	1129.00	1472.07	19.62-	136.79-	133.72-	1.2	.2	.2	137.8-	134.7-
1045	31 41.39	111 11.21	3459.0	11255.00	.2	1125.50	1471.75	20.92-	138.77-	135.68-	1.2	.2	.2	139.8-	136.7-
1046	31 44.71	111 9.40	3422.0	11347.00	.2	1134.70	1476.21	19.66-	136.24-	133.19-	1.2	.2	.2	137.2-	134.2-
1047	31 44.51	110 53.14	4392.0	10645.00	4.8	1064.50	1475.94	1.61	148.02-	144.10-	1.4	4.8	4.7	144.6-	140.8-
1048	31 44.84	110 52.47	4614.0	10486.00	6.8	1048.60	1476.38	6.14	151.06-	146.93-	1.5	6.8	6.6	145.8-	141.8-
1049	31 44.81	110 54.38	4047.0	10893.00	2.8	1089.30	1476.34	6.43-	144.31-	140.69-	1.3	2.8	2.7	142.8-	139.3-
1050	31 44.48	110 53.86	4220.0	10763.00	4.0	1076.30	1475.90	2.72-	146.49-	142.72-	1.4	4.0	3.9	143.9-	140.2-
1051	32 6.94	111 3.02	2572.0	12361.00	.2	1236.10	1506.17	28.16-	115.78-	113.49-	.9	.2	.2	116.5-	114.2-

STA	LAT	LONG	E	MG/DG	TC	DG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
1078	32 20.23	110 56.28	2765.0	12537.00	1.9	1253.70	1524.18	10.42=	104.62=	102.15=	1.0	1.9	1.9	103.7=	101.3=
1079	32 20.74	110 55.96	2902.0	12469.00	3.7	1246.90	1524.87	5.03=	103.89=	101.30=	1.0	3.7	3.6	101.2=	98.7=
1080	32 19.73	110 56.50	2689.0	12583.00	1.4	1258.30	1523.50	12.28=	103.90=	101.49=	1.0	1.4	1.4	103.5=	101.1=
1081	32 18.78	110 57.13	2546.0	12630.00	.9	1263.00	1522.21	19.74=	106.48=	104.21=	.9	.9	.9	106.5=	104.2=
1082	32 20.64	110 55.24	3214.0	12270.00	4.6	1227.00	1524.74	4.55	104.95=	102.08=	1.1	4.6	4.5	101.5=	98.7=
1083	32 1.01	111 17.51	3037.0	11904.00	.4	1190.40	1498.16	22.12=	125.59=	122.87=	1.1	.4	.4	126.3=	123.6=
1084	32 1.99	111 17.26	2880.0	12018.00	.3	1201.80	1499.49	26.81=	124.92=	122.35=	1.0	.3	.3	125.6=	123.1=
1085	32 4.37	111 3.19	2744.0	12143.00	.6	1214.30	1502.70	30.31=	123.80=	121.34=	1.0	.6	.6	124.2=	121.7=
1086	32 3.99	111 4.54	2810.0	12126.00	.3	1212.60	1502.19	25.29=	121.02=	118.51=	1.0	.3	.3	121.7=	119.2=
1087	32 3.14	111 4.97	2929.0	12008.00	.2	1200.80	1501.04	24.75=	124.54=	121.92=	1.0	.2	.2	125.3=	122.7=
1088	32 3.42	111 7.33	2982.0	11979.00	.3	1197.90	1501.42	23.05=	124.64=	121.98=	1.0	.3	.3	125.3=	122.7=
1089	32 4.89	111 7.54	2750.0	12125.00	.2	1212.50	1503.40	32.25=	125.94=	123.48=	1.0	.2	.2	126.7=	124.3=
1090	32 5.38	111 7.38	2685.0	12191.00	.2	1219.10	1504.07	32.42=	123.90=	121.50=	1.0	.2	.2	124.7=	122.3=
1091	32 4.18	111 7.28	2847.0	12058.00	.2	1205.80	1502.44	28.87=	125.86=	123.32=	1.0	.2	.2	126.7=	124.1=
1092	32 2.58	111 8.14	3163.0	11847.00	.3	1184.70	1500.28	18.09=	125.85=	123.03=	1.1	.3	.3	126.7=	123.8=
1093	32 2.04	111 8.21	3257.0	11786.00	.3	1178.60	1499.55	14.62=	125.59=	122.68=	1.1	.3	.3	126.4=	123.5=
1094	32 1.24	111 8.14	3363.0	11731.00	.4	1173.10	1498.47	9.07=	123.65=	120.64=	1.2	.4	.4	124.5=	121.4=
1095	32 4.00	111 8.94	2871.0	11980.00	.3	1198.00	1502.20	34.17=	131.98=	129.41=	1.0	.3	.3	132.7=	130.1=
1096	32 2.34	111 10.61	3187.0	11794.00	.3	1179.40	1499.96	20.81=	129.39=	126.54=	1.1	.3	.3	130.2=	127.3=
1097	32 3.29	111 10.64	3001.0	11894.00	.3	1189.40	1501.24	29.58=	131.82=	129.14=	1.0	.3	.3	132.5=	129.8=
1098	32 3.91	111 10.82	2835.0	12024.00	.3	1202.40	1502.08	33.03=	129.62=	127.08=	1.0	.3	.3	130.3=	127.8=
1099	32 1.81	111 10.74	3301.0	11756.00	.4	1175.60	1499.24	13.17=	125.64=	122.69=	1.1	.4	.4	126.3=	123.4=
1100	32 1.23	111 10.64	3409.0	11705.00	.4	1170.50	1498.46	7.33=	123.48=	120.43=	1.2	.4	.4	124.3=	121.2=
1101	32 1.11	111 11.89	3418.0	11705.00	.5	1170.50	1498.30	6.33=	122.78=	119.72=	1.2	.5	.5	123.5=	120.4=
1102	32 1.76	111 12.03	3295.0	11768.00	.4	1176.80	1499.17	12.47=	124.73=	121.78=	1.1	.4	.4	125.4=	122.5=
1103	32 14.14	111 1.96	2455.0	12650.00	.3	1265.00	1515.92	20.01=	103.65=	101.46=	.9	.3	.3	104.3=	102.1=
1104	32 14.36	111 2.74	2536.0	12618.00	.3	1261.80	1516.22	15.89=	102.29=	100.02=	.9	.3	.3	102.9=	100.6=
1105	32 13.73	111 2.46	2604.0	12566.00	.4	1256.60	1515.37	13.84=	102.56=	100.23=	.9	.4	.4	103.1=	100.7=
1106	32 13.22	111 6.73	2774.0	12500.00	1.0	1250.00	1514.67	3.76=	98.27=	95.79=	1.0	1.0	1.0	98.3=	95.8=
1107	32 3.11	111 9.00	3049.0	11865.00	.2	1186.50	1501.00	27.73=	131.60=	128.88=	1.1	.2	.2	132.5=	129.8=
1108	31 50.33	110 56.96	3049.0	11531.00	.4	1153.10	1483.77	43.89=	147.77=	145.05=	1.1	.4	.4	148.5=	145.8=
1109	31 48.76	110 54.60	3373.0	11267.00	.8	1126.70	1481.65	37.71=	152.63=	149.61=	1.2	.8	.8	153.0=	150.0=
1110	31 49.62	110 57.56	3063.0	11516.00	.4	1151.60	1482.81	43.12=	147.47=	144.74=	1.1	.4	.4	148.2=	145.4=
1111	31 48.01	110 57.04	3175.0	11408.00	.7	1140.80	1480.64	41.22=	149.39=	146.56=	1.1	.7	.7	149.8=	147.0=
1112	31 47.23	110 56.72	3261.0	11361.00	.9	1136.10	1479.60	36.79=	147.89=	144.97=	1.1	.9	.9	148.1=	145.2=
1113	31 46.76	110 56.13	3430.0	11255.00	1.1	1125.50	1478.96	30.86=	147.72=	144.66=	1.2	1.1	1.1	147.8=	144.8=
1114	31 46.22	110 55.39	3621.0	11142.00	1.4	1114.20	1478.24	23.48=	146.84=	143.61=	1.2	1.4	1.4	146.6=	143.4=
1115	31 47.43	110 57.50	3159.0	11424.00	.7	1142.40	1479.86	40.35=	147.97=	145.15=	1.1	.7	.7	148.4=	145.6=
1116	31 46.49	110 52.61	3775.0	11052.00	2.5	1105.20	1478.60	18.36=	146.97=	143.60=	1.3	2.5	2.4	145.8=	142.5=
1117	31 45.56	110 51.59	4538.0	10534.00	7.4	1053.40	1477.35	2.83	151.78=	147.73=	1.4	7.4	7.2	145.8=	141.9=
1118	31 46.06	110 50.86	4219.0	10777.00	4.1	1077.70	1478.02	3.54=	147.27=	143.51=	1.4	4.1	4.0	144.6=	140.9=
1119	31 48.29	110 49.59	4095.0	10906.00	1.7	1090.60	1481.02	5.29=	144.81=	141.15=	1.3	1.7	1.7	144.4=	140.8=
1120	31 48.80	110 50.19	3982.0	10958.00	1.4	1095.80	1481.71	11.40=	147.07=	143.51=	1.3	1.4	1.4	147.0=	143.4=
1121	32 21.96	111 1.74	2433.0	12628.00	.5	1262.80	1526.53	34.89=	117.78=	115.60=	.9	.5	.5	118.2=	116.0=
1122	32 15.79	111 9.33	3487.0	12039.00	3.1	1203.90	1518.16	13.70	105.10=	101.99=	1.2	3.1	3.0	103.2=	100.2=

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
1123	32 18.98	111 7.31	2462.0	12764.00	.5	1276.40	1522.48	14.51-	98.39-	96.19-	.9	.5	.5	98.8-	96.6-
1124	32 18.64	111 6.83	2463.0	12752.00	.4	1275.20	1522.02	15.16-	99.07-	96.87-	.9	.4	.4	99.6-	97.4-
1125	32 17.56	111 7.36	2723.0	12588.00	.9	1258.80	1520.56	5.64-	98.41-	95.98-	1.0	.9	.9	98.5-	96.1-
1126	32 17.96	111 6.66	2627.0	12648.00	.5	1264.80	1521.10	9.21-	98.71-	96.37-	.9	.5	.5	99.1-	96.8-
1127	32 18.96	111 6.17	2422.0	12741.00	.3	1274.10	1522.46	20.55-	103.06-	100.90-	.9	.3	.3	103.7-	101.5-
1128	31 55.59	111 10.33	4406.0	11004.00	1.4	1100.40	1490.85	23.92	126.19-	122.26-	1.4	1.4	1.4	126.2-	122.3-
1129	31 55.43	111 11.59	4749.0	10795.00	3.5	1079.50	1490.64	35.48	126.32-	122.08-	1.5	3.5	3.4	124.3-	120.2-
1130	31 55.07	111 11.00	4674.0	10831.00	2.7	1083.10	1490.15	32.51	126.73-	122.55-	1.5	2.7	2.6	125.5-	121.5-
1131	31 55.14	111 9.81	4304.0	11045.00	1.3	1104.50	1490.24	19.03	127.60-	123.76-	1.4	1.3	1.3	127.7-	123.9-
1132	31 54.51	111 9.40	4272.0	11051.00	1.2	1105.10	1489.40	17.47	128.07-	124.26-	1.4	1.2	1.2	128.3-	124.5-
1133	31 53.91	111 8.77	4153.0	11106.00	1.0	1110.60	1488.59	12.59	128.90-	125.19-	1.4	1.0	1.0	129.3-	125.6-
1134	31 55.20	111 8.91	4155.0	11126.00	.9	1112.60	1490.33	13.04	128.52-	124.80-	1.4	.9	.9	129.0-	125.3-
1135	31 55.06	111 7.39	3944.0	11234.00	.7	1123.40	1490.14	4.19	130.18-	126.65-	1.3	.7	.7	130.8-	127.3-
1136	31 54.44	111 7.53	3988.0	11205.00	.8	1120.50	1489.30	6.27	129.60-	126.04-	1.3	.8	.8	130.1-	126.5-
1137	31 54.30	111 6.70	3866.0	11274.00	.6	1127.40	1489.11	1.88	129.83-	126.38-	1.3	.6	.6	130.5-	127.1-
1138	31 57.16	111 .74	3034.0	11837.00	.1	1183.70	1492.97	23.90-	127.27-	124.56-	1.1	.1	.1	128.3-	125.6-
1139	31 56.62	111 .94	3070.0	11811.00	.1	1181.10	1492.24	22.39-	126.98-	124.24-	1.1	.1	.1	128.0-	125.2-
1140	31 55.00	111 1.17	3135.0	11717.00	.2	1171.70	1490.06	23.50-	130.30-	127.50-	1.1	.2	.2	131.2-	128.4-
1141	31 54.16	111 1.02	3109.0	11716.00	.2	1171.60	1488.92	24.91-	130.83-	128.05-	1.1	.2	.2	131.7-	129.0-
1142	31 54.20	111 2.07	3279.0	11626.00	.2	1162.60	1488.98	17.98-	129.69-	126.76-	1.1	.2	.2	130.6-	127.7-
1143	31 53.58	111 2.42	3321.0	11595.00	.2	1159.50	1488.14	16.29-	129.44-	126.47-	1.1	.2	.2	130.3-	127.4-
1144	31 50.80	111 4.21	3399.0	11542.00	.2	1154.20	1484.40	10.51-	126.31-	123.28-	1.2	.2	.2	127.3-	124.3-
1145	31 50.30	111 3.68	3320.0	11566.00	.2	1156.60	1483.73	14.87-	127.98-	125.01-	1.1	.2	.2	128.9-	125.9-
1146	31 49.74	111 3.12	3257.0	11576.00	.2	1157.60	1482.97	18.84-	129.80-	126.89-	1.1	.2	.2	130.7-	127.8-
1147	31 49.30	111 2.61	3187.0	11576.00	.3	1157.60	1482.38	25.03-	133.61-	130.76-	1.1	.3	.3	134.4-	131.6-
1148	31 48.97	111 2.63	3186.0	11558.00	.3	1155.80	1481.94	26.48-	135.02-	132.18-	1.1	.3	.3	135.8-	133.0-
1149	31 49.40	111 3.66	3299.0	11525.00	.3	1152.50	1482.51	19.73-	132.13-	129.18-	1.1	.3	.3	132.9-	130.0-
1150	31 49.98	111 4.84	3408.0	11512.00	.3	1151.20	1483.30	11.56-	127.67-	124.63-	1.2	.3	.3	128.6-	125.5-
1151	31 49.69	111 4.20	3372.0	11500.00	.3	1150.00	1482.90	15.76-	130.64-	127.63-	1.2	.3	.3	131.5-	128.5-
1152	31 49.16	111 3.14	3226.0	11556.00	.3	1155.60	1482.19	23.17-	133.08-	130.20-	1.1	.3	.3	133.9-	131.0-
1153	31 50.94	111 2.16	3196.0	11636.00	.2	1163.60	1484.59	20.39-	129.28-	126.42-	1.1	.2	.2	130.2-	127.3-
1154	31 51.04	111 3.21	3313.0	11566.00	.2	1156.60	1484.72	16.52-	129.39-	126.43-	1.1	.2	.2	130.3-	127.3-
1155	31 50.77	111 10.29	4380.0	10912.00	2.3	1091.20	1484.36	18.76	130.46-	126.55-	1.4	2.3	2.2	129.6-	125.8-
1156	31 59.71	111 4.16	3282.0	11701.00	.2	1170.10	1496.41	17.63-	129.44-	126.51-	1.1	.2	.2	130.3-	127.4-
1157	31 48.60	111 5.83	3505.0	11346.00	.3	1134.60	1481.44	17.19-	136.60-	133.47-	1.2	.3	.3	137.5-	134.4-
1158	31 49.08	111 7.06	3640.0	11323.00	.4	1132.30	1482.08	7.44-	131.45-	128.20-	1.2	.4	.4	132.3-	129.0-
1159	31 48.30	111 7.17	3592.0	11351.00	.3	1135.10	1481.03	8.10-	130.48-	127.27-	1.2	.3	.3	131.4-	128.2-
1160	31 48.10	111 6.41	3504.0	11378.00	.3	1137.80	1480.77	13.41-	132.79-	129.66-	1.2	.3	.3	133.7-	130.6-
1161	31 47.50	111 6.56	3485.0	11390.00	.2	1139.00	1479.96	13.19-	131.92-	128.81-	1.2	.2	.2	132.9-	129.8-
1162	31 47.96	111 2.60	3159.0	11521.00	.3	1152.10	1480.58	31.36-	138.98-	136.16-	1.1	.3	.3	139.8-	137.0-
1163	31 53.64	111 10.67	4697.0	10781.00	2.3	1078.10	1488.22	31.60	128.42-	124.23-	1.5	2.3	2.2	127.6-	123.5-
1164	31 53.40	111 11.34	4986.0	10611.00	3.7	1061.10	1487.90	42.09	127.78-	123.32-	1.5	3.7	3.6	125.6-	121.2-
1165	31 53.06	111 11.77	5419.0	10342.00	5.4	1034.20	1487.44	56.36	128.27-	123.42-	1.6	5.4	5.3	124.5-	119.7-
1166	31 53.02	111 12.32	5474.0	10300.00	6.2	1030.00	1487.39	57.38	129.11-	124.22-	1.6	6.2	6.0	124.5-	119.8-
1167	31 53.30	111 13.54	5112.0	10560.00	4.5	1056.00	1487.76	48.97	125.19-	120.62-	1.6	4.5	4.4	122.3-	117.8-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
1168	31 52.94	111 14.81	4372.0	11049.00	3.8	1104.90	1487.28	28.79	120.16-	116.26-	1.4	3.8	3.7	117.8-	114.0-
1169	31 53.80	111 11.82	5499.0	10288.00	6.4	1028.80	1488.44	57.48	129.87-	124.96-	1.6	6.4	6.2	125.1-	120.4-
1170	31 52.30	111 12.09	4957.0	10618.00	4.4	1061.80	1486.42	41.55	127.33-	122.90-	1.5	4.4	4.3	124.4-	120.1-
1171	31 55.06	111 13.44	4321.0	11068.00	2.3	1106.80	1490.14	23.04	124.18-	120.32-	1.4	2.3	2.2	123.3-	119.5-
1172	31 54.19	111 12.74	4786.0	10737.00	5.0	1073.70	1488.96	34.83	128.23-	123.95-	1.5	5.0	4.9	124.7-	120.6-
1173	31 54.80	111 14.29	4281.0	11112.00	1.7	1111.20	1489.79	24.03	121.82-	118.00-	1.4	1.7	1.7	121.5-	117.7-
1174	31 53.94	111 14.27	4568.0	10924.00	2.9	1092.40	1488.63	33.37	122.26-	118.18-	1.5	2.9	2.8	120.9-	116.9-
1175	31 55.82	111 13.70	4211.0	11163.00	1.8	1116.30	1491.16	21.17	122.29-	118.53-	1.4	1.8	1.8	121.9-	118.1-
1176	31 51.31	111 11.53	4589.0	10834.00	2.4	1083.40	1485.09	29.89	126.46-	122.36-	1.5	2.4	2.3	125.6-	121.6-
1177	31 51.80	111 12.04	4652.0	10792.00	5.7	1079.20	1485.75	30.95	127.54-	123.39-	1.5	5.7	5.6	123.3-	119.3-
1178	31 51.29	111 13.00	4637.0	10862.00	3.2	1086.20	1485.06	37.23	120.75-	116.61-	1.5	3.2	3.1	119.1-	115.0-
1179	31 49.79	111 11.74	4197.0	11028.00	1.1	1102.80	1483.04	14.48	128.51-	124.76-	1.4	1.1	1.1	128.8-	125.1-
1180	31 51.88	111 13.91	4799.0	10754.00	5.0	1075.40	1485.85	40.86	122.64-	118.35-	1.5	5.0	4.9	119.1-	115.0-
1181	31 51.36	111 14.77	4185.0	11174.00	1.7	1117.40	1485.15	25.84	116.74-	113.01-	1.4	1.7	1.7	116.4-	112.7-
1182	31 50.58	111 14.84	3974.0	11312.00	1.7	1131.20	1484.10	20.85	114.54-	110.99-	1.3	1.7	1.7	114.1-	110.6-
1183	31 52.21	111 14.46	4600.0	10905.00	2.9	1090.50	1486.30	36.81	119.91-	115.80-	1.5	2.9	2.8	118.5-	114.5-
1184	31 45.47	111 7.21	3368.0	11427.00	.2	1142.70	1477.23	17.76-	132.50-	129.50-	1.2	.2	.2	133.5-	130.5-
1185	31 46.16	111 7.50	3452.0	11387.00	.2	1138.70	1478.16	14.79-	132.39-	129.31-	1.2	.2	.2	133.4-	130.3-
1186	31 47.90	111 8.78	3663.0	11268.00	.3	1126.80	1480.50	9.19-	133.98-	130.71-	1.2	.3	.3	134.9-	131.6-
1187	31 58.56	111 14.12	3822.0	11457.00	.9	1145.70	1494.86	10.30	119.91-	116.50-	1.3	.9	.9	120.3-	116.9-
1188	31 58.27	111 14.93	3754.0	11493.00	1.8	1149.30	1494.46	7.90	120.00-	116.64-	1.3	1.8	1.8	119.5-	116.1-
1189	31 54.64	111 16.29	3831.0	11461.00	1.3	1146.10	1489.57	16.83	113.69-	110.26-	1.3	1.3	1.3	113.7-	110.3-
1190	31 55.48	111 18.97	3363.0	11792.00	.7	1179.20	1490.70	4.80	109.78-	106.77-	1.2	.7	.7	110.3-	107.3-
1191	31 54.80	111 18.40	3622.0	11624.00	1.9	1162.40	1489.79	13.27	110.13-	106.90-	1.2	1.9	1.9	109.4-	106.2-
1192	31 51.99	111 16.49	3891.0	11416.00	1.3	1141.60	1486.00	21.55	111.02-	107.54-	1.3	1.3	1.3	111.0-	107.5-
1193	31 48.97	111 17.29	3591.0	11483.00	.5	1148.30	1481.94	4.10	118.24-	115.03-	1.2	.5	.5	118.9-	115.7-
1194	31 53.77	111 25.99	3025.0	11768.00	.2	1176.80	1488.40	27.08-	130.14-	127.44-	1.1	.2	.2	131.0-	128.3-
1195	31 54.30	111 26.47	3066.0	11745.00	.2	1174.50	1489.11	26.24-	130.70-	127.96-	1.1	.2	.2	131.6-	128.9-
1196	31 48.29	111 20.16	3343.0	11547.00	.3	1154.70	1481.02	11.90-	125.79-	122.81-	1.1	.3	.3	126.6-	123.6-
1197	31 55.94	111 20.26	3049.0	11901.00	.2	1190.10	1491.32	14.45-	118.33-	115.60-	1.1	.2	.2	119.2-	116.5-
1198	31 59.64	111 15.87	3401.0	11657.00	.6	1165.70	1496.31	10.74-	126.61-	123.57-	1.2	.6	.6	127.2-	124.2-
1199	31 52.64	111 17.44	4179.0	11193.00	2.9	1119.30	1486.88	25.45	116.93-	113.19-	1.4	2.9	2.8	115.4-	111.8-
1200	31 53.09	111 16.37	3934.0	11398.00	1.4	1139.80	1487.48	22.31	111.72-	108.21-	1.3	1.4	1.4	111.6-	108.1-
1201	31 51.80	111 15.74	4089.0	11277.00	1.5	1127.70	1485.75	26.52	112.79-	109.14-	1.3	1.5	1.5	112.6-	108.9-
1202	31 44.41	111 6.20	3260.0	11469.00	.3	1146.90	1475.81	22.29-	133.36-	130.44-	1.1	.3	.3	134.2-	131.2-
1203	31 44.91	111 7.26	3343.0	11446.00	.3	1144.60	1476.48	17.46-	131.35-	128.36-	1.1	.3	.3	132.2-	129.2-
1204	31 43.84	110 52.77	4761.0	10389.00	7.5	1038.90	1475.04	11.60	150.60-	146.35-	1.5	7.5	7.3	144.6-	140.6-
1205	31 44.96	111 15.53	3665.0	11366.00	.4	1136.60	1476.54	4.75	120.11-	116.84-	1.2	.4	.4	120.9-	117.6-

STA	LAT	LONG	E	MG/OG	TC	OG	FTH	FAA	BA1	BA2	CC	TC1	TC2	CBA1	CBA2
0508	31 41.46	110 59.06	3727.0	11081.00	1.1	1108.10	1471.84	13.22-	140.19-	136.86-	1.3	1.1	1.1	140.4-	137.1-
0509	31 41.36	110 58.39	3815.0	11020.00	1.3	1102.00	1471.71	10.91-	140.88-	137.47-	1.3	1.3	1.3	140.9-	137.5-
0510	31 41.60	110 57.89	3923.0	10939.00	1.6	1093.90	1472.03	9.17-	142.83-	139.32-	1.3	1.6	1.6	142.5-	139.0-
0511	31 43.56	111 7.71	3221.0	11537.00	.3	1153.70	1474.66	18.01-	127.75-	124.87-	1.1	.3	.3	128.6-	125.7-
0512	31 43.00	111 3.74	3074.0	11444.00	.3	1144.40	1473.91	40.39-	145.11-	142.37-	1.1	.3	.3	145.9-	143.2-
0513	31 42.47	111 3.83	3084.0	11433.00	.3	1143.30	1473.20	39.83-	144.90-	142.15-	1.1	.3	.3	145.7-	143.0-
0514	31 42.38	111 2.92	3060.0	11406.00	.3	1140.60	1473.08	44.67-	148.92-	146.19-	1.1	.3	.3	149.7-	147.0-
0515	31 42.84	111 2.78	3044.0	11419.00	.3	1141.90	1473.70	45.49-	149.20-	146.48-	1.1	.3	.3	150.0-	147.3-
0516	31 43.34	111 2.49	3031.0	11426.00	.3	1142.60	1474.37	46.69-	149.95-	147.24-	1.1	.3	.3	150.8-	148.0-
0517	31 42.00	111 2.10	3228.0	11315.00	.4	1131.50	1472.57	37.46-	147.44-	144.55-	1.1	.4	.4	148.1-	145.3-
0518	31 42.26	111 5.07	3208.0	11445.00	.3	1144.50	1472.92	26.69-	135.98-	133.12-	1.1	.3	.3	136.8-	133.9-
0519	31 41.46	111 6.40	3359.0	11417.00	.3	1141.70	1471.84	14.22-	128.66-	125.66-	1.2	.3	.3	129.6-	126.6-
0520	31 41.07	111 8.04	3517.0	11361.00	.3	1136.10	1471.32	4.44-	124.26-	121.12-	1.2	.3	.3	125.2-	122.0-
0521	31 40.52	111 4.79	3243.0	11369.00	.3	1136.90	1470.58	28.66-	139.15-	136.25-	1.1	.3	.3	140.0-	137.1-
0522	31 42.63	111 9.30	3276.0	11448.00	.3	1144.80	1473.41	20.49-	132.10-	129.16-	1.1	.3	.3	132.9-	130.0-
0523	31 43.11	111 8.96	3308.0	11438.00	.3	1143.80	1474.06	19.13-	131.83-	128.88-	1.1	.3	.3	132.6-	129.7-
1061	31 43.52	111 6.37	3180.0	11526.00	.3	1152.60	1474.61	22.92-	131.26-	128.42-	1.1	.3	.3	132.1-	129.2-
1062	31 43.32	111 8.14	3264.0	11505.00	.3	1150.50	1474.34	16.85-	128.05-	125.14-	1.1	.3	.3	128.9-	125.9-
1063	31 41.84	111 1.22	3332.0	11282.00	.6	1128.20	1472.35	30.77-	144.29-	141.31-	1.1	.6	.6	144.8-	141.8-
1064	31 42.74	111 4.39	3097.0	11479.00	.3	1147.90	1473.56	34.37-	139.89-	137.12-	1.1	.3	.3	140.7-	137.9-
1065	31 42.77	111 5.18	3175.0	11476.00	.3	1147.60	1473.60	27.38-	135.55-	132.71-	1.1	.3	.3	136.4-	133.5-
1066	31 42.92	111 5.96	3148.0	11538.00	.3	1153.80	1473.80	23.92-	131.17-	128.36-	1.1	.3	.3	132.0-	129.2-
1067	31 41.81	111 5.70	3281.0	11430.00	.3	1143.00	1472.31	20.72-	132.50-	129.57-	1.1	.3	.3	133.3-	130.4-
1068	31 41.46	111 7.30	3459.0	11387.00	.3	1138.70	1471.84	7.82-	125.66-	122.57-	1.2	.3	.3	126.6-	123.5-
1069	31 40.54	111 7.96	3615.0	11274.00	.4	1127.40	1470.61	3.21-	126.37-	123.14-	1.2	.4	.4	127.2-	123.9-
1070	31 40.34	111 5.68	3337.0	11369.00	.3	1136.90	1470.34	19.58-	133.27-	130.29-	1.1	.3	.3	134.1-	131.1-
1071	31 39.81	111 6.61	3502.0	11290.00	.4	1129.00	1469.63	11.26-	130.57-	127.44-	1.2	.4	.4	131.4-	128.2-
1072	31 40.99	111 5.50	3245.0	11425.00	.3	1142.50	1471.21	23.51-	134.06-	131.16-	1.1	.3	.3	134.9-	132.0-
1073	31 40.92	111 6.46	3369.0	11400.00	.3	1140.00	1471.12	14.25-	129.03-	126.02-	1.2	.3	.3	129.9-	126.9-
1074	31 41.50	111 9.21	3385.0	11293.00	.3	1129.30	1471.90	24.23-	139.55-	136.53-	1.2	.3	.3	140.5-	137.4-
1075	31 42.06	111 9.44	3372.0	11390.00	.3	1139.00	1472.65	16.50-	131.38-	128.37-	1.2	.3	.3	132.3-	129.3-
1076	31 42.66	111 8.68	3275.0	11477.00	.3	1147.70	1473.45	17.73-	129.30-	126.38-	1.1	.3	.3	130.1-	127.2-
1077	31 41.68	110 59.74	3584.0	11142.00	.9	1114.20	1472.14	20.86-	142.96-	139.76-	1.2	.9	.9	143.3-	140.1-
1210	31 41.78	111 .61	3451.0	11233.00	.7	1123.30	1472.27	24.40-	141.97-	138.89-	1.2	.7	.7	142.5-	139.4-
1211	31 40.78	111 8.71	3590.0	11295.00	.3	1129.50	1470.93	3.78-	126.09-	122.89-	1.2	.3	.3	127.0-	123.8-
1212	31 40.31	111 9.10	3642.0	11230.00	.3	1123.00	1470.30	4.76-	128.84-	125.59-	1.2	.3	.3	129.7-	126.5-
1213	31 39.88	111 9.63	3683.0	11159.00	.3	1115.90	1469.72	7.43-	132.91-	129.62-	1.2	.3	.3	133.8-	130.5-
1214	31 39.11	111 8.96	3817.0	11084.00	.5	1108.40	1468.69	1.30-	131.34-	127.93-	1.3	.5	.5	132.1-	128.7-
1215	31 39.68	111 9.03	3766.0	11128.00	.5	1112.80	1469.45	2.46-	130.76-	127.40-	1.3	.5	.5	131.6-	128.2-
1216	31 39.89	111 7.83	3680.0	11203.00	1.0	1120.30	1469.74	3.33-	128.70-	125.42-	1.2	1.0	1.0	128.9-	125.6-
1217	31 40.16	111 7.20	3504.0	11315.00	.4	1131.50	1470.10	9.04-	128.42-	125.29-	1.2	.4	.4	129.2-	126.1-
1218	31 40.32	111 6.40	3391.0	11370.00	.3	1137.00	1470.31	14.38-	129.91-	126.88-	1.2	.3	.3	130.8-	127.8-
1219	31 42.51	110 52.50	5589.0	9845.00	10.8	984.50	1473.25	36.83	153.59-	148.59-	1.6	10.8	10.5	144.4-	139.7-
1220	31 42.98	110 52.20	5418.0	9974.00	9.5	997.40	1473.88	33.02	151.57-	146.73-	1.6	9.5	9.3	143.7-	139.0-
1221	31 43.27	110 52.72	5027.0	10216.00	8.3	1021.60	1474.27	20.08	151.19-	146.70-	1.5	8.3	8.1	144.4-	140.1-