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北部北上山地の重力異常について

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MORIJIRI Rie, KOMAZAWA Masao, HIROSHIMA Toshio, MAKINO Masahiko, MURATA Yasuaki and NAKATSUKA Tadashi (1995) Bouguer gravity anomalies in the northern part of Kitakami mountains, Northeast Japan. *Bull. Geol. Surv. Japan*, vol. 46 (8), p. 383-418, 10 figs., 2 tables.

Abstract: A gravimetric survey was carried out at 2,402 stations in the Kitakami mountains, Northeast Japan, using LaCoste&Romberg gravity meters (G-304, G-911 and D-68) in 1989-1992. We made a Bouguer gravity anomaly map with an assumed density of 2.67 g/cm^3 (10^3 kg/m^3). This Bouguer gravity anomaly map revealed various geologic characteristics in the Kitakami mountains as follows: 1) High gravity anomalies indicate plutons of gabbroic-granitic complex rocks, Hayachine ultramafic rocks, and early Cretaceous volcanic rocks. 2) Large plutons are mostly composed of granitic rocks reveal lower gravity anomalies. 3) The Kuzumaki tectonic line and the Morioka-Goyozan tectonic line are clear boundaries between high and low gravity anomalies.

要　旨

北上地域の重力異常を明らかにするために，同地域において1989年から1992年にかけて2,402点の重力測定を行った．重力計は主としてLaCoste & Romberg G型重力計（G-304，G-911）を使用し，一部D型（D-68）を使用した．ここでは，これらの測定データに基づいた暫定的なブーゲー異常図を作成し（仮定密度2.67 g/cm^3），その重力異常の特徴を述べる．また併せて全重力測定データを公表する．なお，後日上記の測定点に既存点を加え，再処理を行ったのちに，最終的なブーゲー異常図を1 mgalコンターの重力図シリーズ（縮尺20万分の1）の1つとして出版する予定である．

本地域での重力異常の主な特徴としては，次のことがあげられる．（1）高重力異常は苦鉄質岩を伴って産出する花崗岩体，早池峯超苦鉄質岩類，白亜紀火山岩類に対応して見られる．（2）ほとんど苦鉄質岩を伴わない比較的大きな花崗岩体は低重力異常を示す．（3）葛巻構造線並びに盛岡－五葉山構造線を境界にして大きく正異常帯と負異常帯に分けられる．

1．はじめに

地質調査所では1987年より，関東地方から東北地方にいたる地域の基盤構造の解明を目的として，既存重力データの収集整備とコンパイル及び未測定地域の重力測定を実施してきた．この地域では，石油・金属・地熱を対象とした資源探査のための重力調査データが数多くあるものの，データ空白域も存在した．上記研究により，データの空白域となっていた「阿武隈」（村田ほか，1992）及び「北上」の両地域の重力測定を加えることができた．これまでに，縮尺20万分の1で1 mgalコンターの一連の重力基本図の編集・出版を行ってきており，すでに，「青森」，「秋田」，「山形」，「新潟」，「上信越」，「阿武隈」の6地域の出版が実現している（広島ほか，1990 a，1990 b，1991，1993，1994，牧野ほか，1995）．

本報告の調査地域である北上山地は南北250 km，東西

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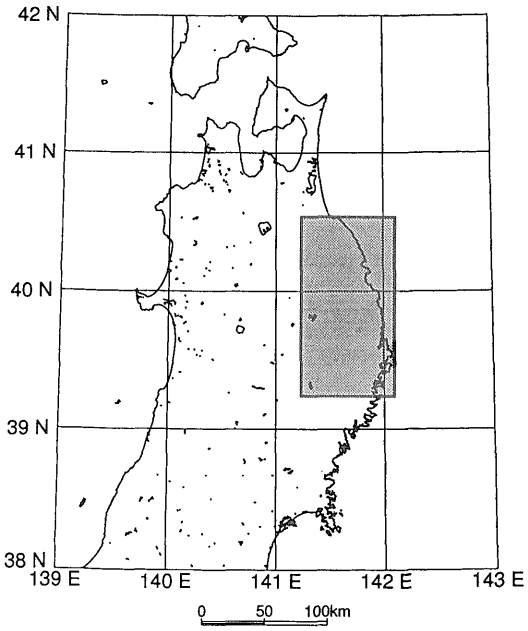
の最大幅 80 km の紡錘状の地域で，阿武隈山地とともに東北日本における最大の先第三系分布地域であることが知られている．北上山地は早池峯構造帯によって北部，南部に区分され，白亜紀の火山岩，及び深成岩が比較的小規模な岩体として分布する．そのうち深成岩体は山地全体に散在しており，それらは帯状に 6 つのゾーンに区分されている（片田，1974）．

鍋谷ほか（1972）は重力異常の研究から遠野地域の花崗岩体が累帯構造をもつドーム状のものであること示し，同様に鍋谷・加納（1973）は千厩地域の花崗岩体が大きく傾斜しているらっきょう状であることを示した．しかし，このような研究はいずれも南部北上地域に限られており，北部ではデータが少ないため今まで重力異常の解析はあまり行われていない．

本報告では，北部北上地域での重力調査の概要を示し，暫定的に作成したブーゲー異常図の主な特徴について報告する．

2．重 力 測 定

重力測定は 1989 年から 1992 年にかけて行われた．本調査地域（Fig. 1）は，岩手県釜石市から八戸市にいたる約 8,200 km²で，測定点数は 2,402 点である．使用した重力計は主として LaCoste & Romberg G型重力計（G-304，G-911）であるが，一部，D型（D-68）も使用した．本調査が広域的地下構造の把握を目的としていることから，測定点は主として 2 万 5 千分の 1 地形図に記載されている水準点，三角点，独立標高点の既知標高点から，測定密度が均一になるように選択した．周囲にこれらの既知標高点が無い地域においては，道路の交差点など場所が明確で標高の変化が緩やかな地点において重力測定を行った．標高は気圧高度計値を参考にして 2 万 5 千分の 1 地形図の等高線から読みとった．Table. 1 に各標高決定法ごとの測定点数を示す．測定点の緯度，経度



第 1 図　調査範囲
Fig. 1　Location map. The shaded zone shows the survey area, corresponding to Fig. 2.

第 1 表　重力測定点の標高情報
Table 1 Gravity station information about the survey in the Kitakami mountains. Mainly the 1/25,000 scale topographic maps were used to determine the observed locations and elevations.

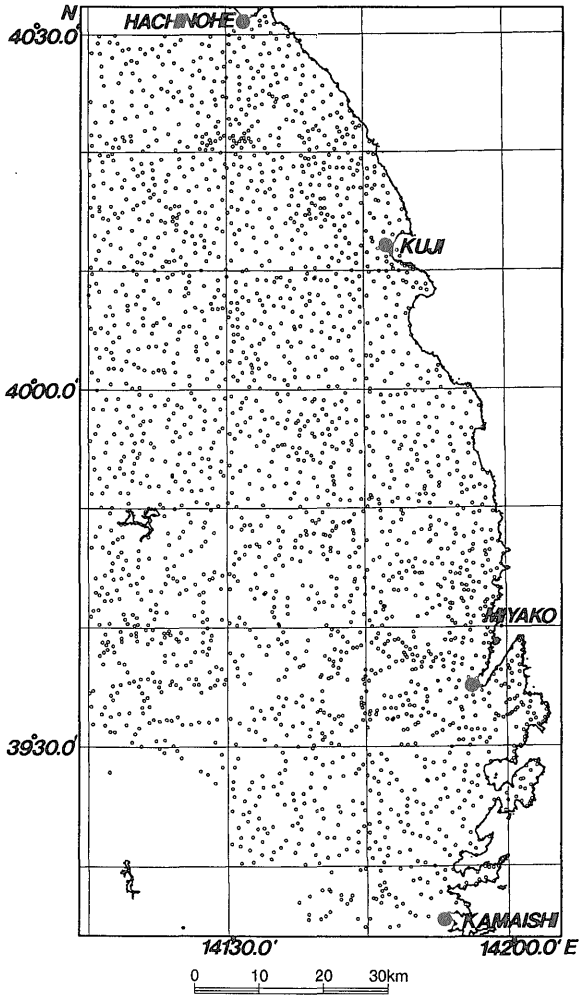
Number of observations	total	2,402
Determination of elevation	Bench Mark	67
	Triangulation Point	77
	Spot Height	758
	Contour	1,427
	Leveling	2
	Barometer	44
	Sea Level	23
	Others	4
Max. difference of elevation		1,305 m

は2万5千分の1地形図から読みとったものである．

重力測定は，閉塞方式を採用し，起点および終点を重力値が既知である基点に設定した．重力基点は，複数の水準点との間で，複数回の往復比較測定を行い，絶対重力値を決定した．これらの水準点は，国土地理院において設定された日本重力基準網1975（JGSN 75）による絶対重力値（国土地理院，1976）の明らかなものを選んだ．各測点の絶対重力値は，重力測定値に器高補正，潮汐補正及びドリフト補正を施して求めた基点に対する相対重力値に，基点における絶対重力値を加えて求めた．測点の分布をFig. 2に示す．

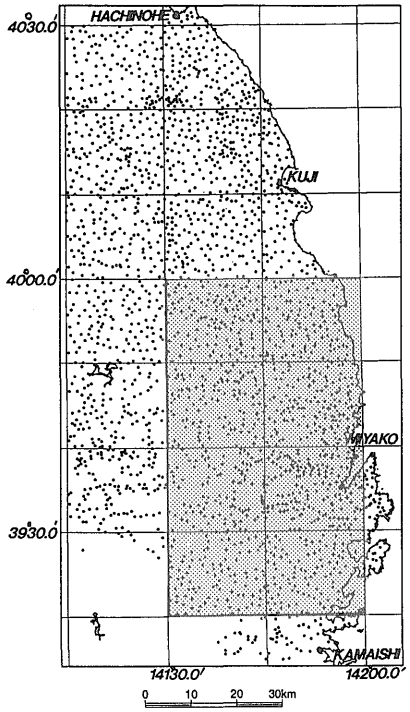
3．ブーゲー異常図の作成

絶対重力値からブーゲー異常値を計算する手順は，地質調査所重力補正手順SPECG 1988（地質調査所重力探査グループ，1989 a，1989 b）に基づいて行った．その際には，ブーゲー補正，並びに地形補正を行うために地殻表層の密度を仮定する必要がある．表層密度の推定法として従来からG－H相関法が広く行われてきた（例えば萩原，1978）．ところが，調査範囲が広いためにG－H相関図に幅をもった相関関係が表れ，仮定密度がうまく決まらなかった．そこで，地形図と数種の仮定密度のブーゲー異常図を目視的に比べ，地形と相関するような短波長のパターンが消える仮定密度を採用した．

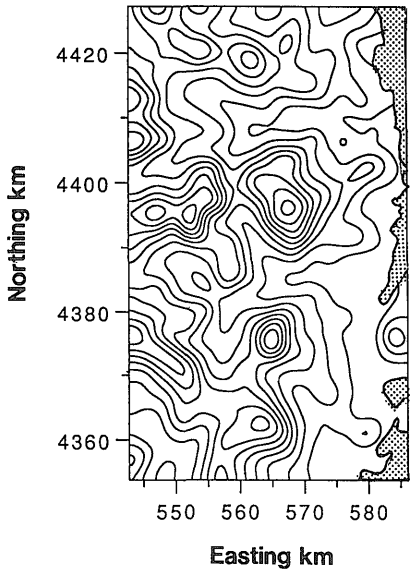


第2図　測定点分布図
Fig. 2　Observation points.

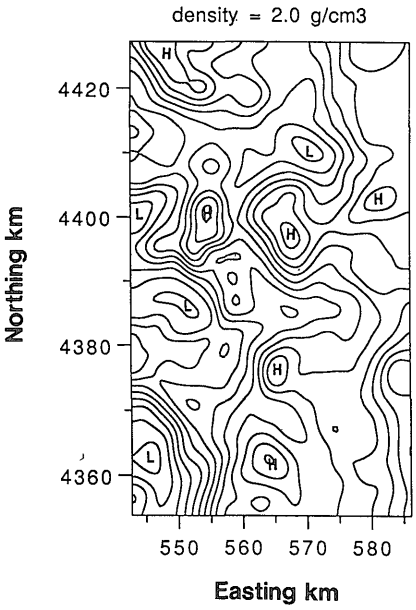
表層効果を評価する仮定密度の推定法としては他にABIC最小化法(Murata, 1993)，上方接続残差分散比較法（Komazawa, 1995）などがあるが，目視的な比較でも，概略的には大きく違わないブーゲー密度が求められる．また，この方法には地表の岩石密度(有効平均密度)の面的把握が簡単に行えるという利点もある（例えば駒



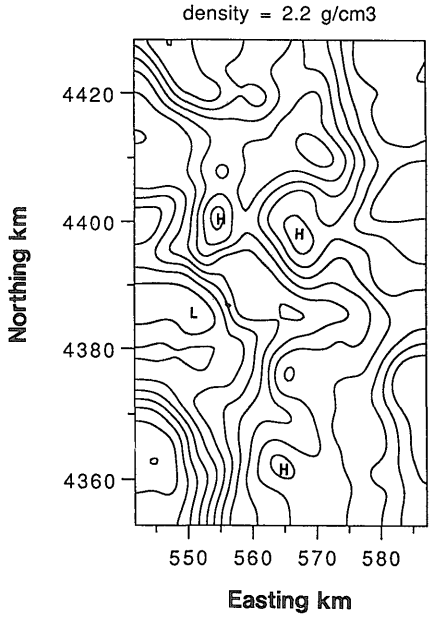
(a)



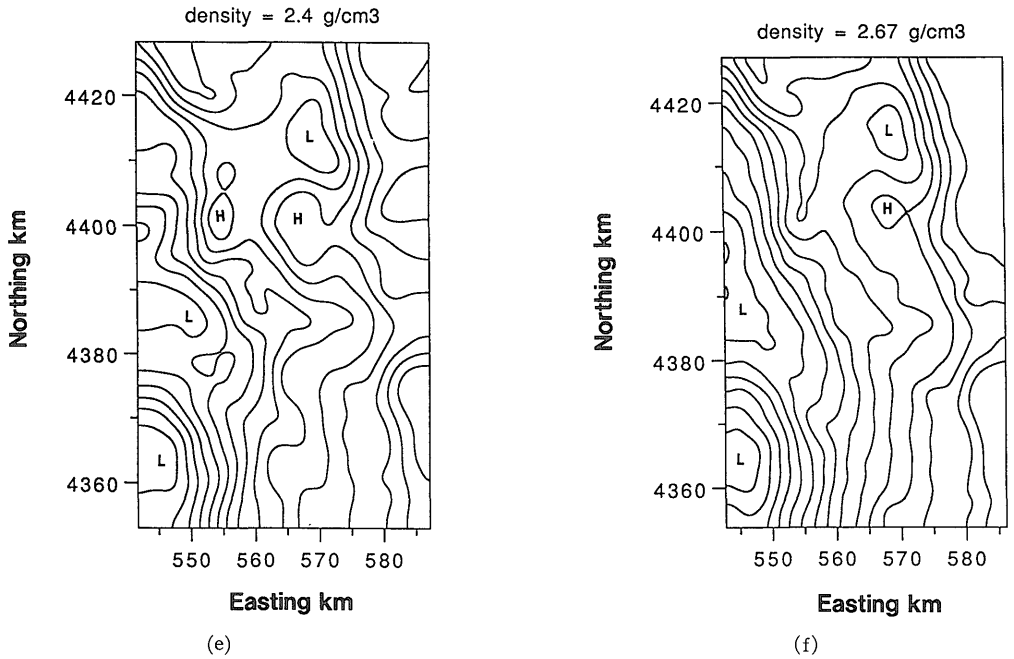
(b)



(c)



(d)



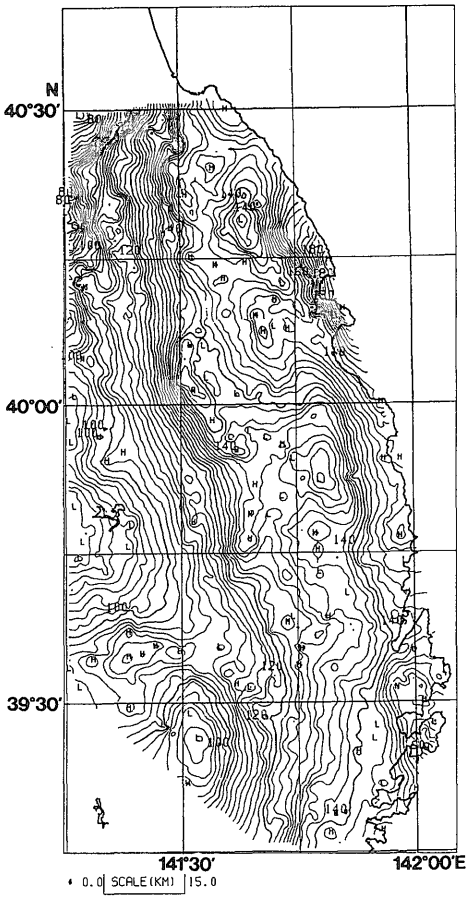
第3図　4種類の仮定密度によって計算されたブーゲー異常と地形との対比
(a)比較する区域．(b)地形．コンター間隔は100 m．(c)，(d)，(e)，(f)は仮定密度がそれぞれ2.0，2.2，2.4，2.67 g/cm³で計算されたブーゲー異常．いずれもグリットサイズ1 km，コンター間隔4 mgal，図中の座標は東向き，北向きともにUTM(座標原点141 E，0 N)でkm単位．

Fig. 3　Comparison among topography and 4 estimated Bouguer gravity anomalies. The shaded zone in (a) shows the area used for comparison. (b) shows topography. The contour interval is 100m. (c), (d), (e), and (f) show estimated Bouguer gravity anomalies for assumed densities 2.0, 2.2, 2.4, and 2.67 g/cm³, respectively. The contour interval is 4 mgal. The grid size used for contouring is 1 km for all figures. Mapping projection is UTM method. Easting and Northing are in km, the origin longitude is 141 E and the origin latitude is 0 N for all figures.

澤ほか，1994)．

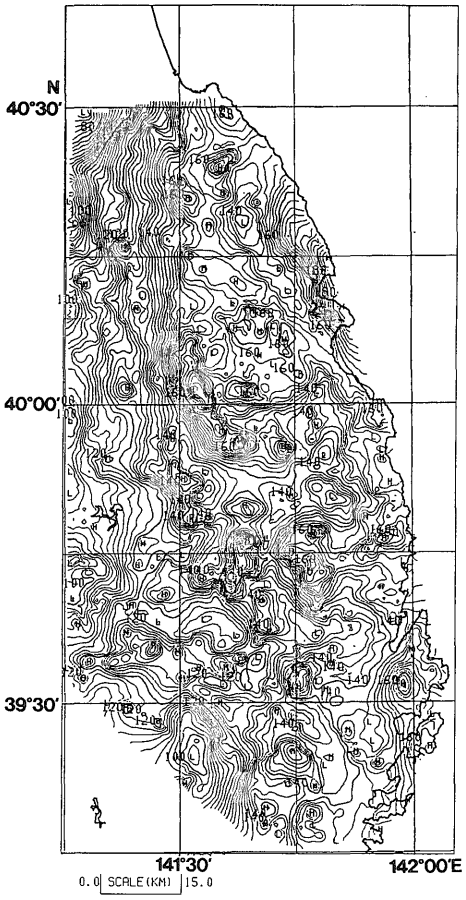
ここでは，調査範囲の一部分（Fig. 3a）について，4種類の仮定密度，2.0 g/cm³（Fig. 3c），2.2 g/cm³（Fig. 3d），2.4 g/cm³（Fig. 3e），および2.67 g/cm³（Fig. 3f）のブーゲー異常図を例示し，地形（Fig. 3b）とのパターンの相関を見る．なお，これらのグリッドデータの作成には重み付き2次曲面のあてはめによる補間法を用いた．ここでのグリッドサイズは1 kmである．その結果，仮定密度2.67 g/cm³を用いた図面において，地形と相関する短波長の異常が最も少ないことがわかる．このことから，今回の調査地域の仮定密度として花崗岩の一般的な密度でもある2.67 g/cm³を採用した．本地域全体のブーゲー異常図をFig. 4に示す．参考までに仮定密度2.0 g/cm³のブーゲー異常図をFig. 5に示す．2枚の図面の比較から，地形と相関する短波長の異常パターンの違いによって表層密度が2.67 g/cm³程度である区域が容易に把握できる．

作成したブーゲー異常図（ρ=2.67 g/cm³；Fig. 4）には広域的な傾向面が見える．広域的な傾向面は深部の構造を反映していると考えられるので，地質図と対比しやすい規模の構造を際立たせるために，傾向面を除去して残差重力図を作成した．ここでは，上方接続フィルターにより，ある高度での重力異常を求め，それを傾向面とみなした（Gupta and Ramani，1980；駒澤，1984）．ある高さに上方接続したポテンシャルは，逆にその距離だけ深部の地下構造を代表する（鍋谷ほか，1972）という考え方を基に，上方接続する高度はパワースペクトルの傾きから計算した．500 m×500 mのグリッドデータ（Fig. 4）に対して横軸に周波数，縦軸にパワースペクトルの対数をプロットし（Fig. 6），A，B，Cの3つの成



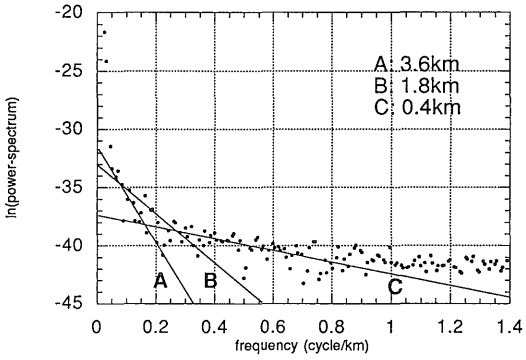
第 4 図　北部北上山地のブーゲー異常．仮定密度 2.67 g/cm³．コンター間隔 2 mgal．

Fig. 4　Bouguer gravity anomaly map in the Kitakami mountains. The assumed density is 2.67 g/cm³. The contour interval is 2 mgal.



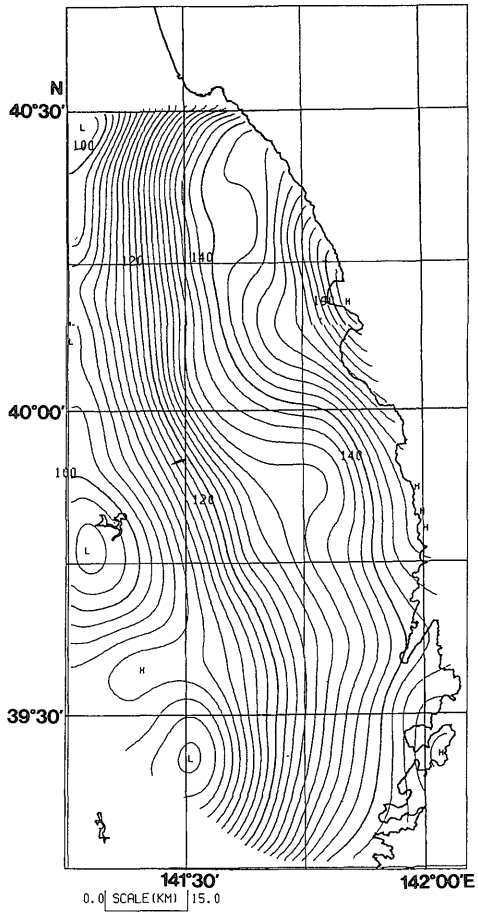
第 5 図　北部北上山地のブーゲー異常．仮定密度 2.0 g/cm³．コンター間隔 2 mgal．

Fig. 5　Bouguer gravity anomaly map in the Kitakami mountains. The assumed density is 2.0 g/cm³. The contour interval is 2 mgal.



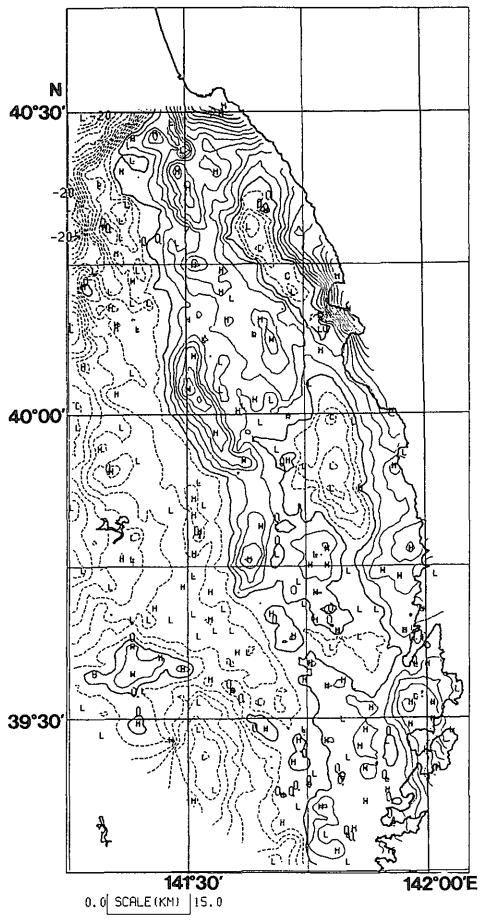
第 6 図　パワースペクトル図．仮定密度 2.67 g/cm³で計算したブーゲー異常のパワースペクトル．

Fig. 6　Power spectrum of Bouguer anomalies in the Kitakami mountains with an assumed density of 2.67 g/cm³.



第７図　重力異常傾向面図　第４図に示されるブーゲー異常に４kmの上方接続を行ったもの．コンター間隔２mgal．

Fig. 7　Regional gravity trends in the Kitakami mountains. The trends were calculated by 4 km upward continuation of the Bouguer gravity data ($\rho=2.67$ g/cm^3) shown in Fig. 4. The contour interval is 2 mgal.



第８図　残差重力異常図　第４図から第７図をひいたもの．コンター間隔２mgal．

Fig. 8　Residual gravity anomaly map in the Kitakami mountains. This map was obtained by subtracting the regional trends (Fig. 7) from the Bouguer anomalies (Fig. 4). The contour interval is 2 mgal.

分に分離した．この３本の直線の傾きから平均的な深度を求めると，A＝3.6 km，B＝1.8 km，C＝0.4 km となる．ここではAが傾向面，Bが中間的な構造，Cが局所的な構造に対応していると考えられる．ただし周波数解析から厳密な定量解を求めるにはさまざまな条件を満たす必要があるので，ここでは3.6 km という結果を参考に，4 km の上方接続を行った(Fig. 7)．そしてブーゲー異常（Fig. 4）から傾向面（Fig. 7）を差し引き，残差重力図（Fig. 8）を作成した．

なお，ABIC 最小化法（Murata，1993）で別途に推定された密度は 2.683±0.010 g/cm^{3}となり，先に採用した値と調和的である．

4．ブーゲー異常の主な特徴

地形とブーゲー異常の相関を検討するために，解析範囲を限定したG－H相関図を作成し，地表付近の平均密度の推定を試みた．ブーゲー異常値は，

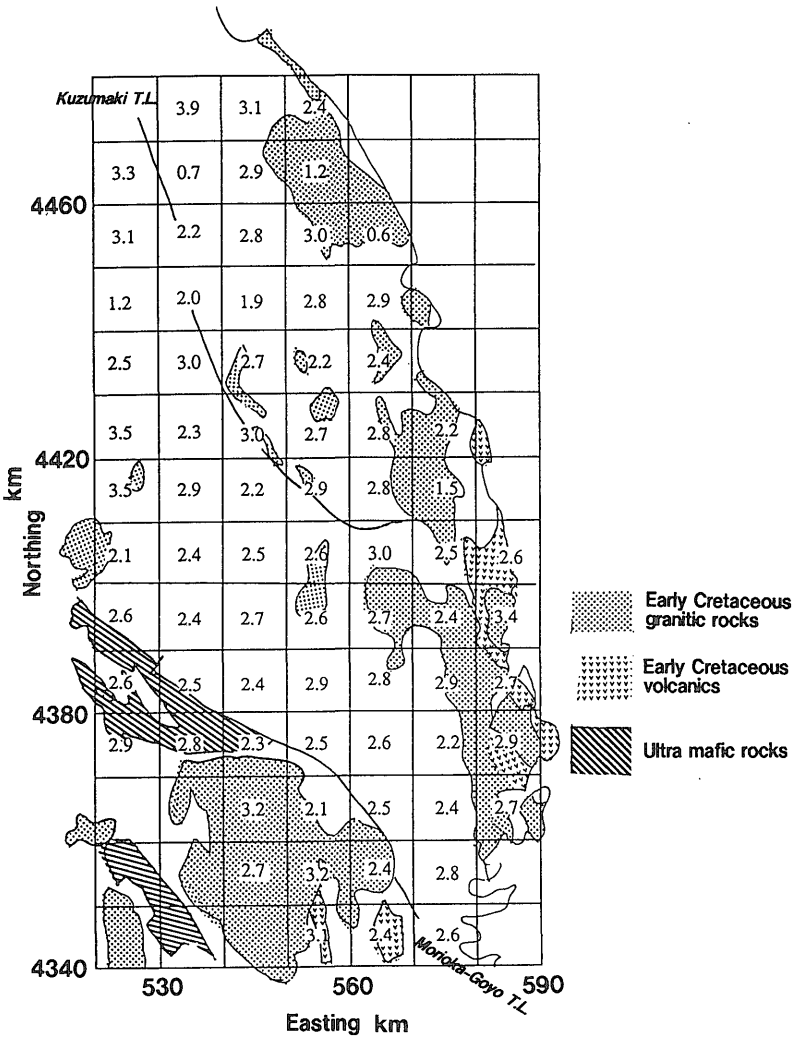
$$\Delta g'' = g - \theta + (\delta - 2\pi G \rho_b) h + \rho T + A$$

で得られる．ただし，g は絶対重力値，θ は標準重力値，δ はフリーエアー勾配，T は地形補正値，A は大気補正値，及びG は万有引力定数である．なお，A は十分小さいのでここでは無視する．$\rho=2.67$ g/cm^{3}を用いて，縦軸

に（$g-\theta-\rho T$），横軸に標高 h をとったG－H相関図を作成する．重力異常を起こす原因がなければ，上式の変形から各測定点は，直線

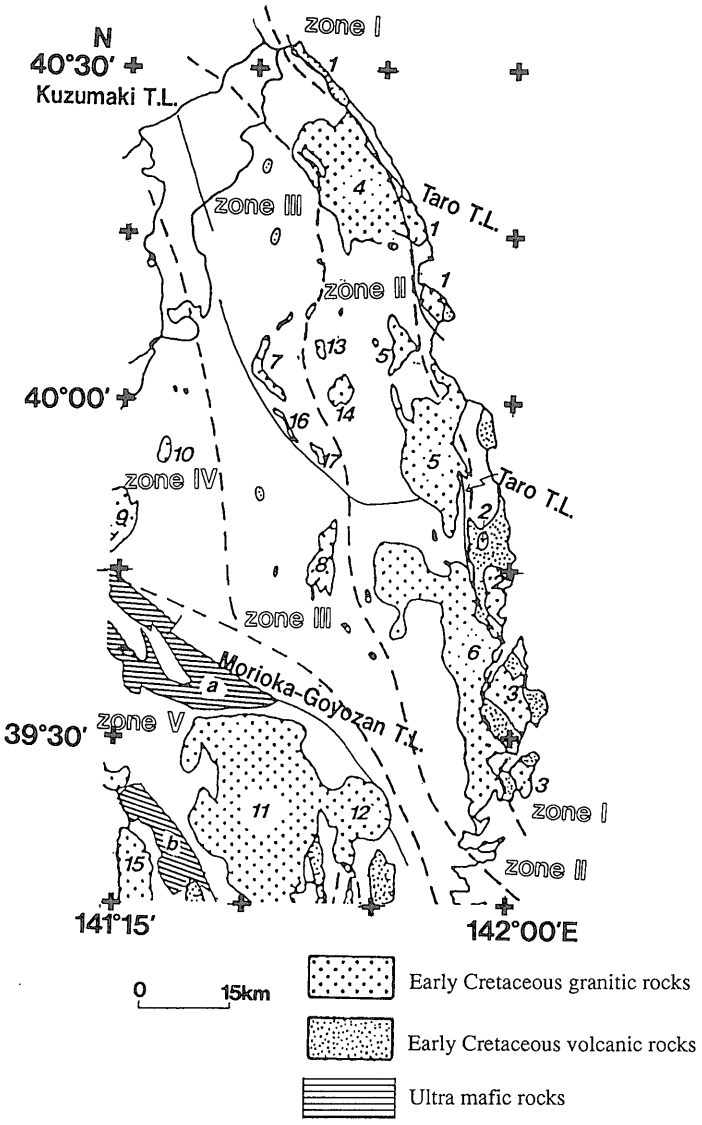
$$g-\theta+\rho T=-(\delta-2\pi G\rho_b)h+\Delta g''$$

の上にプロットされるはずである．しかし，実際には解析範囲が広ければ，$\Delta g''$が大きく変化してG－H相関が幅を持って現われる．そこで，ブーゲー異常値（$\Delta g''$）が大きく変化しない程度に解析範囲を区切った（例えば駒澤ほか，1987）．しかしながら，測定点数が少なく標高差の小さい場合は，解が不安定になる．そこで，1区画中に最低20点のデータを含むように，機械的に10 km×10 km に解析範囲を限定し，それぞれのG－H相関から最小二乗法を用いて各区画の平均密度を推定した．結果は Fig. 9 に岩体の分布（蟹沢・片田，1988；片田，1974）とともに示した．計算された平均密度のうち 2.5 g/cm³ から 2.7 g/cm³のものが全区画の約 25%を占め，概ね先に決定した仮定密度 2.67 g/cm³と調和的な結果となった．例えば，東向き 560-570 km，北向き 4370-4380 km の区画では仮定密度が 2.6 g/cm³と求められた．同じ区画で Fig. 3 を見ると，地形の高まりに対応するブーゲー異



第 9 図　G-H相関法によって求められた表層密度分布

Fig. 9　Assumed densities in g/cm³ obtained from G-H relationship of 10km×10km meshes. Distributed areas of the early Cretaceous plutonic and volcanic rocks, and ultra mafic rocks in Kitakami mountains (Fig. 10) are also shown for comparison. Easting and Northing are in UTM-km.



第 10 図 北部北上山地の白亜紀深成岩体，火山岩，超塩基性岩の分布　片田（1974），蟹沢・片田（1988）による．

Fig. 10 Distribution of the early Cretaceous plutonic and volcanic rocks, ultra mafic rocks, and the zonal arrangement of plutonic rocks in the Kitakami mountains. After Kanisawa and Katada (1988) and Katada (1974). Arabic numerals indicate plutons: 1, Kuki; 2, Taro; 3, Oura; 4, Hashigami; 5, Tanohata; 6, Miyako; 7, Hiraniwa; 8, Sakainokamidake; 9, Himekami; 10, Hinomiko; 11, Tono; 12, Kurihashi; 13, Oguni; 14, Tenjinmori; 15, Hitokobe; 16 Tsukushimori; 17, Yuzawashika. Small letters indicate ultra mafic rocks: a, Hayachine; b, Miyanomori.

常は仮定密度 2.0 g/cm³では孤立した高異常になっているが，仮定密度 2.67 g/cm³では地形との相関は見られない．また，密度分布と岩体分布を対応させると(Fig. 9)，例えば遠野岩体，宮古岩体などでは（Fig. 10 参照）場所によって表層密度が異なっていることがわかる．

ブーゲー異常は，仮定密度に対してその地域の岩石密度が大きいか小さいかを示すと考えられる．そこで，仮定密度の違う図面を対比させると，岩石密度の面的把握

が簡単に行える．先に述べたG－H相関法で表層密度を推定する方法もあるが，区画の分け方によって解が違ってくる可能性もあり，常に有効であるとは限らない．

仮定密度 2.67 g/cm³のブーゲー異常図（Fig. 4）と 2.0 g/cm³のブーゲー異常図（Fig. 5）を比較すると，Fig. 4 では栗橋並びに宮古岩体（Fig. 10 参照）に相当する部分で重力異常が平坦になっている．よって，これらの岩体とその周辺部では 2.67 g/cm³程度の平均密度を持っていると推定される．

次に，残差重力図（Fig. 8）と岩体の分布（Fig. 10）を対比させ，その特徴を述べる．

まず，葛巻構造線，並びに盛岡－五葉山構造線を境に，大きく東西に正異常と負異常に分かれるように見える．北部北上山地では，重力異常の傾向面（Fig. 7）は東から西へ急勾配で低くなっており，花崗岩の分帯も東西に帯状に並んでいることから，この残差重力は東西に分かれる比較的大きな構造を反映しているものと推察される．図中北西の隅の重力勾配が非常に大きくなっているが，これは残差重力図を作成するときのデータ打ち切りの影響が残ってしまった可能性があるため，今回の考察には含めない．

以下の考察において花崗岩体の名称及び分帯は片田（1974）に従うものとする（Fig. 10）．岩体名のあとの番号は Fig. 10 に対応している．残差重力図（Fig. 8）を見ると，高重力異常に対応する主なものとして，花崗岩体では，分帯 III に属する平庭（7），境の神岳（8），分帯 II の宮古（6）の北端部，小国(13)，分帯 IV の日の神子(10)などがあげられる．また，花崗岩体の分帯 I の田老（2），大浦（3）に隣接する白亜紀の火山性砕屑岩類，さらに，早池峯構造帯の超塩基性岩類も高重力異常に対応している．一方，低重力異常には，花崗岩体では，分帯 II に属する階上（4），田野畑（5），宮古（6）の大部分，及び分帯 V に属する遠野(11)などが対応している．

田中・金谷（1986，1987）は，北上山地の泥岩，砂岩，チャート，石灰岩，緑色岩及び花崗岩質岩を採取し，密度測定を行っている．それによると，1）泥岩の平均密度は，北部北上山地で地域ごとに差がほとんど無く 2.73 g/cm³を示す．2）花崗岩体の平均密度は，分帯 II に属する階上岩体で 2.72 g/cm³（変化範囲 2.63-2.80 g/cm³），田野畑岩体で 2.73 g/cm³（変化範囲 2.61-3.01 g/cm³），宮古岩体で 2.73 g/cm³（変化範囲 2.62-2.89 g/cm³）をそれぞれ示す．分帯 IV に属する姫神岩体は 2.83 g/cm³（変化範囲 2.65-3.11 g/cm³），さらに分帯 V に属する遠野岩体は 2.75 g/cm³（変化範囲 2.65-2.89 g/cm³）を示す．3）緑色岩（溶岩・凝灰岩）の平均密度は，2.90 g/cm³（変化範囲 2.79-3.11 g/cm³）を示す．

これらの結果から，上に述べたような重力異常の分布を花崗岩体の特徴から解釈できる．すなわち，分帯 II，分帯 V において花崗岩体とまわりの泥岩の平均密度の差はほとんど期待できないが，岩体の密度が平均よりも高い部分や緑色岩では，周辺の堆積岩との密度差が期待できる．高重力異常に対応する花崗岩体の特徴は吉井・片田（1974）によると次のようである．1）分帯 I の大浦，田老岩体には苦鉄質の捕獲岩がかなり密集している部分がある．2）分帯 II の宮古岩体は一般に優白質な花崗岩類であるが，北端部は苦鉄質の岩相に移化している．3）分帯 III の平庭，境の神岳などの岩体は比較的優黒質で花崗岩類とはんれい岩・閃緑岩・石英閃緑岩を相伴って産出している．4）分帯 IV の日の神子岩体もまたはんれい岩・閃緑岩を伴っている．これらの特徴から，花崗岩体で高重力異常に対応する部分は，いずれも苦鉄質岩の占める割合の大きい岩体に相当する．一方，低重力異常に対応する花崗岩体については，分帯 II の宮古，及び分帯 V の遠野などでは，優白質な花崗岩類が広い範囲を占め，はんれい岩・閃緑岩をほとんど伴わないか，岩体周辺部にわずかに伴われるのみ（片田，1974）という特徴がある．以上のことから花崗岩体に対応する重力異常の分布は苦鉄質岩の割合といった花崗岩体の岩質に大きく影響されると解釈できる．

ただし，田中・金谷（1986，1987）が密度を測定した試料は全て新鮮な岩石であり，現実には風化等により岩石密度の低下が起こるため，重力異常と岩石の種類は完全に 1 対 1 には対応しない．すなわち，重力異常は岩石の種類だけでなく，風化や破砕帯の影響も大きいと考えるべきである．これは，葛巻構造線並びに盛岡－五葉山構造線に沿って低異常が並んでいるように見えることからもいえる．

5．ま と め

これまで重力測定点の非常に少なかった北上地域において重力測定を実施した．計 2,402 点の重力測定によりこれまでに得られていなかった詳細なブーゲー異常図を作成できた．また，ブーゲー異常のパワースペクトルから上方接続によって傾向面を推定し，それを差し引いて残差重力図を作成した．残差重力図はこの地域の地質構造，特に花崗岩体の産状を反映している．今後この重力データを用いた解析を行い，北部北上山地についても重力構造を求めれば，東北日本の構造発達史の研究に大きく貢献できるであろう．なお，上記 2,402 点の重力測定データの一覧を付録に掲げる．

謝辞　本報告をまとめるにあたり，地殻化学部の御子柴（氏家）真澄博士には，北上山地の深成岩体について御教示頂いた．また，地殻物理部の横倉隆伸博士には有益な助言を頂いた．謝意を表します．

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付表A－1　重力データ一覧

Table A-1　Gravity data in the Kitakami mountains, Northeast Japan.

Legend

No: gravity station number

Lat: latitude ##° ##.##′

Lon: longitude ###° ##.##′

g: gravity

gn: normal gravity

H: height in m, followed by each height determination method: C, contour; SH, spot height; TPn, n-th order triangulation point; BMm, m-th order bench mark; LV, leveling; B, barometer; SL, referred to sea level.

Tc: lithospheric terrain correction (1.0g/cm³)

B: Bouguer correction (1.0g/cm³)

F: free air correction

A: atmospheric correction

gb: Bouguer anomaly (ρ=2.67g/cm³)

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0,	F+A	gb (2.67)
1	4029.83	14128.32	324.875	214.188	70.0	C	0.17	-2.95	22.47	125.7
2	4029.05	14128.17	317.000	213.000	96.0	SH	0.13	-4.04	30.49	124.0
3	4029.21	14127.40	326.938	213.250	51.0	SH	0.09	-2.15	16.60	124.8
4	4027.96	14128.40	324.563	211.375	69.0	C	0.25	-2.91	22.16	128.3
5	4027.74	14126.47	319.563	211.063	115.0	C	0.38	-4.84	36.35	132.9
6	4028.05	14127.24	312.875	211.500	112.0	SH	0.13	-4.71	35.42	124.5
7	4027.05	14125.21	314.625	210.000	100.0	C	0.12	-4.21	31.72	125.4
8	4027.64	14124.32	323.250	210.938	22.0	SH	0.17	-0.93	7.66	117.9
9	4027.53	14123.11	320.313	210.750	26.8	SH	0.13	-1.13	9.14	116.0
10	4028.17	14122.62	311.000	211.688	17.0	SH	0.14	-0.72	6.12	103.9
11	4028.65	14123.81	305.750	212.438	73.0	SH	0.09	-3.07	23.39	108.8
12	4029.15	14122.95	280.250	213.125	120.0	C	0.15	-5.05	37.89	91.9
13	4029.89	14123.34	298.313	214.250	44.0	SH	0.15	-1.85	14.44	94.0
14	4029.55	14125.06	313.250	213.750	66.0	SH	0.17	-2.78	21.23	113.8
15	4029.21	14124.46	308.250	213.250	75.0	C	0.10	-3.16	24.01	110.8
16	4026.04	14124.01	288.250	208.500	192.0	SH	0.26	-8.08	60.10	118.9
17	4025.20	14123.63	281.125	207.250	200.0	C	0.13	-8.41	62.57	114.3
18	4025.44	14122.97	288.625	207.625	160.0	C	0.18	-6.73	50.23	113.8
19	4025.18	14124.86	281.813	207.250	220.0	SH	0.19	-9.25	68.74	119.1
20	4024.74	14124.30	275.750	206.563	240.0	C	0.21	-10.09	74.91	117.7
21	4024.34	14125.14	289.188	206.000	192.0	C	0.11	-8.08	60.10	122.0
22	4028.53	14129.64	346.000	212.250	20.0	C	0.16	-0.84	7.04	139.0
23	4027.30	14129.78	342.438	210.375	18.0	C	0.33	-0.76	6.42	137.3
24	4026.06	14128.74	332.063	208.563	66.0	SH	0.50	-2.78	21.23	138.6
25	4027.18	14129.04	304.750	210.250	167.0	SH	0.43	-7.03	52.39	129.3
26	4026.31	14127.59	303.375	208.938	182.0	SH	0.14	-7.66	57.02	131.3
27	4026.94	14127.12	304.750	209.875	177.0	SH	0.20	-7.45	55.47	131.0
28	4026.56	14126.37	301.688	209.313	175.0	C	0.22	-7.36	54.86	128.1
29	4025.53	14126.10	292.688	207.750	200.0	C	0.15	-8.41	62.57	125.4
30	4024.85	14126.33	290.500	206.750	220.0	C	0.22	-9.25	68.74	128.4
31	4023.95	14126.30	287.375	205.438	232.0	SH	0.12	-9.75	72.44	128.7
32	4024.23	14127.38	297.125	205.813	222.0	SH	0.22	-9.33	69.35	136.3
33	4026.01	14129.68	310.688	208.500	150.0	SH	0.16	-6.31	47.14	132.9
34	4024.75	14129.65	340.188	206.625	55.0	SH	0.30	-2.32	17.84	146.0
35	4024.48	14128.81	339.750	206.188	58.0	SH	0.33	-2.44	18.76	146.7
36	4024.00	14128.91	337.125	205.500	67.0	C	0.80	-2.82	21.54	147.8
37	4025.18	14128.47	305.000	207.250	197.3	TP3	0.52	-8.30	61.74	138.7
38	4023.35	14126.97	298.563	204.500	198.0	SH	0.13	-8.33	61.95	134.1
39	4023.04	14128.11	296.563	204.063	233.0	SH	0.31	-9.80	72.75	139.9
40	4022.30	14126.95	282.313	202.938	258.0	SH	0.21	-10.85	80.46	131.4
41	4021.33	14126.73	306.063	201.500	127.0	C	0.36	-5.34	40.05	131.3
42	4021.30	14127.46	311.750	201.500	108.0	SH	0.60	-4.55	34.19	134.0
43	4022.15	14128.89	322.438	202.750	93.0	SH	0.87	-3.92	29.56	141.1
44	4022.59	14129.18	330.000	203.375	85.0	SH	0.61	-3.58	27.09	145.8
45	4021.61	14129.15	295.063	201.938	251.0	SH	0.26	-10.55	78.30	144.0
46	4021.16	14129.40	290.813	201.250	280.0	C	0.24	-11.77	87.25	146.0
47	4028.69	14118.73	274.688	212.500	49.8	SH	0.20	-2.10	16.23	73.4
48	4029.27	14118.16	263.688	213.313	80.0	SH	0.23	-3.37	25.55	67.5
49	4029.93	14117.88	254.750	214.313	111.0	SH	0.10	-4.67	35.11	63.4
50	4029.37	14117.31	251.625	213.500	129.0	SH	0.13	-5.43	40.67	64.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
51	4028.46	14115.35	237.563	212.125	195.0	SH	0.24	-8.20	61.03	65.2
52	4028.40	14116.26	260.750	212.063	101.0	SH	0.26	-4.25	32.03	70.1
53	4029.28	14116.01	249.000	213.375	150.0	C	0.21	-6.31	47.14	66.5
54	4029.87	14116.15	255.000	214.250	114.0	SH	0.13	-4.80	36.04	64.4
55	4028.81	14119.38	270.188	212.625	85.0	SH	0.13	-3.58	27.09	75.4
56	4028.84	14120.65	286.938	212.688	50.0	C	0.20	-2.11	16.30	85.5
57	4028.40	14121.19	273.750	212.063	134.0	SH	0.24	-5.64	42.21	89.5
58	4028.83	14121.98	272.188	212.688	148.0	SH	0.28	-6.23	46.53	90.1
59	4028.17	14122.62	311.125	211.688	17.0	SH	0.14	-0.72	6.12	104.0
60	4027.67	14120.30	260.250	210.938	172.1	TP3	0.46	-7.24	53.96	85.2
61	4027.82	14119.69	257.625	211.188	164.0	SH	0.24	-6.90	51.46	80.1
62	4026.76	14119.84	288.250	209.625	58.9	SH	0.35	-2.48	19.04	92.0
63	4027.55	14119.10	262.375	210.750	128.8	SH	0.12	-5.42	40.60	78.1
64	4028.07	14117.58	272.563	211.563	56.3	BM1	0.37	-2.37	18.24	73.9
65	4027.33	14116.43	270.125	210.438	69.6	BM1	0.36	-2.93	22.34	75.2
66	4026.47	14116.45	259.813	209.188	121.5	BM1	0.38	-5.11	38.35	76.4
67	4025.68	14116.70	259.875	208.000	141.9	BM1	0.32	-5.97	44.65	81.4
68	4026.73	14118.56	261.000	209.563	140.0	C	0.15	-5.89	44.06	80.1
69	4026.15	14120.60	308.563	208.688	16.0	SH	0.18	-0.67	5.81	104.4
70	4026.50	14122.23	306.250	209.188	73.0	C	0.17	-3.07	23.39	112.7
71	4025.30	14121.00	304.750	207.438	47.0	SH	0.17	-1.98	15.37	107.9
72	4024.79	14121.97	303.438	206.688	81.0	SH	0.25	-3.41	25.86	114.2
73	4023.68	14123.68	282.188	205.000	212.0	SH	0.12	-8.92	66.27	120.0
74	4022.39	14124.88	279.563	203.063	234.0	SH	0.10	-9.84	73.06	123.5
75	4021.56	14123.72	281.750	201.875	194.0	SH	0.16	-8.16	60.72	119.2
76	4022.03	14122.25	294.063	202.563	114.0	SH	0.31	-4.80	36.04	115.6
77	4023.36	14121.89	301.563	204.563	80.0	C	0.34	-3.37	25.55	114.5
78	4023.96	14121.33	305.250	205.438	60.0	SH	0.32	-2.53	19.38	113.3
79	4025.19	14119.75	304.563	207.250	15.0	SH	0.23	-0.63	5.50	101.7
80	4025.91	14118.29	281.813	208.313	50.0	C	0.67	-2.11	16.30	86.0
81	4024.00	14119.74	283.625	205.500	114.0	SH	0.31	-4.80	36.04	102.2
82	4022.87	14119.03	211.375	203.813	430.0	SH	1.43	-18.05	133.51	96.7
83	4023.03	14120.34	274.375	204.063	164.0	SH	0.30	-6.90	51.46	104.2
84	4021.82	14121.20	274.063	202.250	180.0	C	0.23	-7.57	56.40	108.6
85	4021.02	14122.45	262.938	201.063	220.0	C	0.31	-9.25	68.74	106.8
86	4020.10	14120.95	243.250	199.688	300.0	C	0.38	-12.61	93.42	104.3
87	4020.52	14121.57	249.563	200.313	274.0	SH	0.25	-11.52	85.40	104.6
88	4019.43	14119.72	273.000	198.688	152.0	SH	0.33	-6.40	47.76	105.8
89	4018.58	14119.89	276.375	197.438	145.0	SH	0.33	-6.10	45.60	109.1
90	4019.03	14120.80	254.625	198.063	245.0	SH	0.29	-10.30	76.45	106.3
91	4019.06	14121.91	246.875	198.125	277.0	SH	0.20	-11.64	86.32	104.5
92	4019.40	14122.97	254.813	198.625	273.0	SH	0.23	-11.47	85.09	111.3
93	4018.51	14122.01	252.688	197.313	270.0	SH	0.37	-11.35	84.16	110.2
94	4018.15	14123.69	265.875	196.813	230.0	SH	0.21	-9.67	71.82	115.7
95	4017.01	14124.50	268.688	195.063	222.0	SH	0.34	-9.33	69.35	118.9
96	4024.28	14115.28	276.500	205.875	46.0	SH	0.51	-1.94	15.06	81.8
97	4023.95	14116.80	288.500	205.438	50.0	C	0.31	-2.11	16.30	94.5
98	4024.29	14117.58	287.000	205.938	65.0	SH	0.33	-2.74	20.92	95.6
99	4023.49	14117.70	261.313	204.750	192.0	SH	0.67	-8.08	60.10	96.9
100	4022.55	14117.54	270.000	203.313	131.0	C	0.62	-5.51	41.28	94.9

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
101	4022.50	14115.80	274.750	203.250	50.0	C	0.27	-2.11	16.30	82.9
102	4021.42	14115.35	253.813	201.625	103.5	BM1	0.30	-4.36	32.80	74.1
103	4020.55	14115.42	243.375	200.375	150.0	C	0.22	-6.31	47.14	73.9
104	4021.36	14116.26	249.875	201.563	157.0	SH	0.27	-6.61	49.30	80.7
105	4020.73	14117.03	275.375	200.625	72.0	SH	0.31	-3.03	23.08	90.6
106	4021.10	14117.96	274.750	201.188	98.0	C	0.48	-4.13	31.10	94.9
107	4020.96	14118.94	258.625	200.938	198.0	SH	0.36	-8.33	61.95	98.3
108	4020.93	14119.69	260.438	200.938	211.0	SH	0.55	-8.87	65.96	103.2
109	4021.38	14119.62	236.875	201.563	325.0	C	0.71	-13.65	101.13	101.8
110	4021.27	14118.74	270.875	201.438	145.0	C	0.59	-6.10	45.60	100.4
111	4020.41	14117.69	230.938	200.125	275.0	TP3	1.52	-11.56	85.70	89.7
112	4020.41	14118.34	229.563	200.125	309.0	SH	1.27	-12.98	96.19	94.3
113	4016.06	14119.09	262.250	193.688	129.0	SH	0.47	-5.43	40.67	96.0
114	4015.20	14119.87	256.438	192.375	180.0	C	0.51	-7.57	56.40	101.6
115	4015.49	14124.38	247.563	192.813	302.0	SH	0.55	-12.69	94.03	116.3
116	4015.26	14123.94	227.313	192.500	378.0	SH	0.96	-15.87	117.47	112.5
117	4015.41	14123.43	200.813	192.688	505.0	SH	2.17	-21.18	156.65	113.9
118	4015.96	14122.68	124.000	193.500	852.2	TP1	5.37	-35.64	263.73	113.4
119	4016.49	14122.13	153.563	194.313	722.0	C	3.54	-30.23	223.57	111.6
120	4016.21	14121.73	188.000	193.875	568.0	C	1.55	-23.81	176.08	110.7
121	4015.80	14121.02	225.188	193.313	393.0	C	0.90	-16.50	122.10	112.4
122	4015.55	14120.29	243.750	192.938	260.0	C	0.56	-10.93	81.08	104.2
123	4014.37	14120.53	252.063	191.188	202.0	SH	0.67	-8.50	63.19	103.2
124	4014.19	14121.49	246.563	190.875	252.0	SH	0.75	-10.59	78.61	108.0
125	4014.76	14121.92	225.625	191.750	384.0	SH	0.76	-16.12	119.33	112.2
126	4014.24	14122.89	221.750	191.000	395.0	C	0.69	-16.58	122.72	111.0
127	4014.08	14123.34	208.938	190.750	476.0	SH	0.63	-19.97	147.70	114.3
128	4015.45	14124.86	263.500	192.750	248.0	C	0.36	-10.43	77.38	121.2
129	4014.80	14124.83	256.188	191.813	263.0	SH	0.34	-11.06	82.00	117.7
130	4014.49	14124.62	249.250	191.313	290.0	SH	0.36	-12.19	90.33	116.6
131	4014.56	14124.19	240.188	191.438	323.0	C	0.62	-13.57	100.51	114.7
132	4014.20	14124.17	226.375	190.938	371.0	SH	0.62	-15.58	115.32	110.8
133	4013.91	14124.57	236.125	190.500	340.0	C	0.42	-14.28	105.75	114.4
134	4013.25	14125.57	256.500	189.500	266.0	SH	0.25	-11.18	82.93	120.7
135	4014.92	14127.06	263.000	192.000	283.0	SH	0.17	-11.89	88.17	127.8
136	4014.87	14127.72	269.500	191.938	269.0	SH	0.22	-11.31	83.85	131.8
137	4019.75	14116.28	264.438	199.188	82.0	SH	0.44	-3.45	26.17	83.4
138	4019.32	14115.14	250.813	198.500	99.0	SH	0.41	-4.17	31.41	73.7
139	4019.17	14116.57	248.438	198.313	162.0	C	0.20	-6.82	50.85	83.3
140	4018.43	14116.54	229.438	197.188	220.0	C	0.20	-9.25	68.74	76.8
141	4019.68	14117.20	260.625	199.063	120.0	C	0.25	-5.05	37.89	86.6
142	4019.84	14117.62	268.563	199.313	103.0	SH	0.36	-4.34	32.65	91.3
143	4019.32	14117.74	256.813	198.500	160.0	C	0.32	-6.73	50.23	91.4
144	4018.24	14118.16	271.375	196.938	110.0	C	0.34	-4.63	34.81	97.8
145	4017.40	14116.64	257.000	195.688	113.0	SH	0.37	-4.76	35.73	85.4
146	4017.19	14115.56	250.000	195.375	125.0	SH	0.33	-5.26	39.43	80.9
147	4018.11	14115.13	221.188	196.750	240.0	C	0.38	-10.09	74.91	73.4
148	4016.19	14115.60	230.438	193.875	223.0	SH	0.38	-9.38	69.66	82.2
149	4016.92	14117.50	261.438	194.938	120.0	C	0.30	-5.05	37.89	91.7
150	4015.42	14117.44	263.063	192.750	108.0	SH	0.47	-4.55	34.19	93.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
151	4015.38	14116.19	241.563	192.688	209.0	SH	0.80	-8.79	65.34	93.0
152	4015.04	14116.20	213.875	192.188	330.0	C	2.13	-13.86	102.67	93.1
153	4014.63	14115.44	194.063	191.563	415.8	TP3	1.48	-17.45	129.13	89.0
154	4015.33	14115.24	196.500	192.563	408.0	C	0.80	-17.13	126.73	87.0
155	4014.43	14116.59	262.813	191.250	127.0	C	0.98	-5.34	40.05	99.9
156	4014.30	14117.15	257.813	191.063	165.0	C	0.53	-6.94	51.77	101.4
157	4014.81	14117.86	232.625	191.813	270.0	C	0.66	-11.35	84.16	96.4
158	4014.49	14118.23	220.063	191.313	320.0	C	0.61	-13.44	99.58	94.1
159	4013.62	14118.43	263.000	190.063	158.0	SH	0.51	-6.65	49.61	106.2
160	4013.40	14119.74	250.500	189.750	200.0	SH	0.56	-8.41	62.57	102.3
161	4012.79	14121.20	240.500	188.813	258.0	SH	0.46	-10.85	80.46	104.4
162	4012.84	14122.59	229.188	188.875	340.0	C	0.65	-14.28	105.75	109.6
163	4013.20	14123.33	209.875	189.438	470.0	C	0.58	-19.72	145.85	115.2
164	4011.76	14124.20	219.188	187.250	418.0	C	0.68	-17.55	129.81	116.7
165	4010.89	14124.33	215.938	186.000	422.0	C	0.75	-17.71	131.05	115.7
166	4010.78	14123.79	194.313	185.813	510.0	C	0.81	-21.39	158.19	111.7
167	4011.16	14125.05	224.750	186.375	376.0	C	0.36	-15.79	116.86	114.0
168	4016.69	14123.34	229.125	194.625	365.0	C	1.28	-15.33	113.47	110.4
169	4017.60	14123.45	261.125	196.000	239.0	SH	0.38	-10.05	74.60	114.0
170	4017.28	14122.22	225.750	195.500	388.0	C	0.65	-16.29	120.56	109.1
171	4017.82	14122.00	223.563	196.313	390.0	C	0.63	-16.37	121.18	106.4
172	4016.81	14121.58	223.625	194.813	383.0	SH	1.04	-16.08	119.02	107.6
173	4017.35	14120.97	254.500	195.625	258.0	C	0.50	-10.85	80.46	111.8
174	4016.93	14119.95	249.750	195.000	248.0	C	0.34	-10.43	77.38	105.3
175	4018.04	14120.36	270.875	196.625	172.0	SH	0.44	-7.24	53.93	110.0
176	4018.31	14120.89	260.500	197.000	230.0	C	0.34	-9.67	71.82	110.4
177	4017.68	14118.92	261.563	196.063	170.0	C	0.33	-7.15	53.31	100.6
178	4017.07	14118.65	217.688	195.188	325.2	TP2	2.39	-13.66	101.19	93.6
179	4014.91	14118.69	253.125	192.000	170.0	C	0.45	-7.15	53.31	96.6
180	4013.27	14117.13	255.500	189.500	195.0	SH	0.39	-8.20	61.03	106.2
181	4012.65	14116.66	256.313	188.625	197.0	SH	0.47	-8.29	61.64	108.5
182	4011.69	14116.13	236.438	187.188	225.0	SH	0.31	-9.46	70.28	95.1
183	4012.96	14115.71	238.125	189.063	220.0	C	0.45	-9.25	68.74	94.3
184	4010.98	14115.83	229.875	186.125	241.0	SH	0.38	-10.13	75.22	92.9
185	4010.30	14115.29	215.563	185.125	268.0	SH	0.33	-11.26	83.54	84.8
186	4012.20	14117.43	247.625	187.938	241.0	SH	0.28	-10.13	75.22	108.6
187	4011.27	14119.68	249.938	186.563	211.0	SH	0.61	-8.87	65.96	107.2
188	4011.47	14121.11	232.875	186.875	303.0	SH	0.77	-12.73	94.34	108.4
189	4011.32	14121.84	222.875	186.625	358.0	C	0.84	-15.04	111.31	109.7
190	4011.97	14122.17	210.375	187.625	428.0	C	0.52	-17.96	132.90	109.1
191	4010.66	14120.84	224.625	185.625	352.0	C	0.55	-14.78	109.46	110.4
192	4010.77	14120.32	235.000	185.813	300.0	C	0.48	-12.61	93.42	110.2
193	4011.91	14118.49	260.313	187.500	166.0	C	0.38	-6.98	52.08	107.2
194	4013.45	14124.54	235.813	189.813	342.0	C	0.37	-14.37	106.37	115.0
195	4012.27	14120.57	229.938	188.063	300.0	C	0.47	-12.61	93.42	102.9
196	4010.72	14117.30	244.125	185.750	201.0	SH	0.76	-8.45	62.88	100.7
197	4010.12	14116.37	226.000	184.875	244.0	SH	0.54	-10.26	76.14	91.3
198	4010.37	14118.88	255.938	185.250	175.0	SH	0.62	-7.36	54.86	107.6
199	4010.03	14119.86	250.000	184.688	192.0	C	0.64	-8.08	60.10	105.5
200	4010.04	14122.19	224.688	184.750	350.0	C	0.61	-14.70	108.84	111.2
201	4010.38	14123.08	207.250	185.250	442.0	C	0.79	-18.55	137.22	111.8
202	4010.83	14123.45	167.063	185.875	635.0	C	1.32	-26.61	196.74	110.4
203	4010.53	14125.60	230.750	185.438	356.0	SH	0.28	-14.95	110.69	116.8
204	4010.03	14127.27	237.750	184.688	350.0	C	0.68	-14.70	108.84	124.4
205	4011.51	14126.63	247.000	186.938	314.0	SH	0.35	-13.19	97.73	123.5
206	4010.82	14127.82	235.750	185.875	380.0	C	0.40	-15.96	118.09	126.4
207	4011.18	14129.14	211.500	186.438	533.0	SH	0.34	-22.35	165.28	131.6
208	4010.12	14129.95	231.875	184.875	440.0	C	0.30	-18.47	136.60	135.1
209	4011.48	14128.21	224.063	186.875	455.0	C	0.27	-19.09	141.23	128.2
210	4011.99	14127.62	233.625	187.625	400.0	C	0.25	-16.79	124.26	126.1
211	4012.27	14126.58	244.063	188.063	336.0	C	0.22	-14.11	104.52	123.5
212	4012.92	14126.29	256.500	189.000	285.0	C	0.26	-11.98	88.79	125.0
213	4012.97	14127.25	253.125	189.063	312.0	SH	0.26	-13.11	97.12	126.9
214	4012.53	14127.61	248.438	188.438	336.0	SH	0.26	-14.11	104.52	127.5
215	4012.33	14128.65	244.000	188.125	370.0	C	0.62	-15.54	115.01	131.1
216	4013.79	14127.72	259.688	190.313	302.0	SH	0.24	-12.69	94.03	130.2
217	4013.56	14128.97	253.000	189.938	350.0	C	0.35	-14.70	108.84	133.5
218	4013.31	14129.58	244.188	189.563	403.0	C	0.37	-16.92	125.19	135.6
219	4014.02	14126.22	252.625	190.625	304.0	SH	0.16	-12.77	94.65	123.0
220	4015.46	14128.45	275.500	192.750	256.0	SH	0.25	-10.76	79.84	134.4
221	4017.89	14129.70	282.250	196.375	259.0	SH	0.15	-10.89	80.77	137.9
222	4017.06	14129.13	263.875	195.188	330.0	C	0.24	-13.86	102.67	135.0
223	4017.96	14125.42	256.000	196.500	313.0	SH	0.23	-13.15	97.43	122.4
224	4018.58	14126.32	262.250	197.438	298.0	C	0.30	-12.52	92.80	125.0
225	4018.97	14127.44	282.188	198.000	223.0	SH	0.18	-9.38	69.66	129.3
226	4019.55	14126.48	292.938	198.875	155.0	SH	0.28	-6.52	48.69	126.1
227	4020.44	14125.83	295.750	200.188	132.0	SH	0.26	-5.56	41.59	123.0
228	4020.91	14124.98	284.813	200.875	190.0	C	0.15	-7.99	59.48	122.5
229	4020.20	14124.53	280.875	199.813	187.0	SH	0.12	-7.87	58.56	119.0
230	4019.44	14124.92	288.500	198.688	150.0	C	0.30	-6.31	47.14	120.9
231	4018.74	14124.95	281.188	197.688	179.0	SH	0.44	-7.53	56.09	120.7
232	4020.80	14127.42	278.688	200.750	259.0	TP3	0.46	-10.89	80.77	130.9
233	4020.27	14127.16	283.250	199.938	222.0	C	0.15	-9.33	69.35	128.2
234	4020.26	14128.53	283.125	199.938	256.0	SH	0.24	-10.76	79.84	134.9
235	4019.41	14128.34	301.500	198.688	150.0	C	0.30	-6.31	47.14	133.9
236	4019.96	14129.41	297.313	199.500	220.0	C	0.68	-9.25	68.74	143.7
237	4018.98	14129.89	304.313	198.000	169.0	SH	0.31	-7.11	53.01	141.1
238	4018.48	14128.75	295.125	197.250	177.0	C	0.29	-7.45	55.47	134.2
239	4017.74	14127.84	278.438	196.188	252.0	SH	0.32	-10.59	78.61	133.4
240	4017.12	14126.78	238.625	195.250	412.0	SH	0.45	-17.30	127.96	126.3
241	4016.75	14125.91	259.125	194.688	307.0	C	0.20	-12.90	95.57	126.1
242	4015.81	14126.66	259.000	193.313	307.0	C	0.16	-12.90	95.57	127.2
243	4014.98	14125.74	260.438	192.063	262.0	C	0.19	-11.01	81.69	121.1
244	4014.39	14129.16	265.063	191.188	310.0	C	0.40	-13.03	96.50	136.6
245	4016.85	14128.14	253.563	194.875	381.0	C	0.61	-16.00	118.40	136.0
246	4017.42	14130.65	283.313	195.688	269.0	C	0.13	-11.31	83.85	141.6
247	4016.06	14131.69	289.500	193.688	238.0	SH	0.30	-10.01	74.29	144.2
248	4015.38	14130.55	255.750	192.688	402.8	TP4	0.70	-16.91	125.12	144.9
249	4015.14	14131.25	260.125	192.313	402.0	C	0.44	-16.88	124.88	148.8
250	4014.94	14132.29	276.750	192.000	313.0	SH	0.35	-13.15	97.43	148.0

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
251	4013.85	14132.23	243.313	190.375	458.0	C	0.37	-19.22	142.15	144.7
252	4013.66	14132.89	239.313	190.125	482.0	C	0.39	-20.22	149.55	145.8
253	4013.44	14131.41	242.875	189.750	445.0	C	0.34	-18.68	138.14	142.2
254	4014.01	14130.54	263.188	190.625	345.0	SH	0.53	-14.49	107.30	142.6
255	4014.89	14130.13	274.625	191.938	298.0	SH	0.44	-12.52	92.80	143.2
256	4012.78	14133.01	259.063	188.813	368.0	C	0.38	-15.45	114.39	144.4
257	4013.08	14130.89	214.813	189.250	570.0	C	0.75	-23.90	176.70	140.4
258	4010.87	14130.52	234.250	185.938	430.0	C	0.49	-18.05	133.51	134.9
259	4010.07	14132.19	254.188	184.750	338.0	SH	0.75	-14.20	105.14	138.7
260	4010.45	14133.89	270.125	185.313	287.0	SH	0.49	-12.06	89.41	143.3
261	4011.58	14133.24	263.313	187.000	320.0	C	0.67	-13.44	99.58	141.8
262	4011.75	14131.72	247.063	187.250	395.0	SH	0.52	-16.58	122.72	139.6
263	4012.31	14131.05	237.438	188.125	448.0	C	0.63	-18.80	139.07	139.9
264	4010.83	14134.71	275.500	185.875	270.0	SH	0.60	-11.35	84.16	145.0
265	4012.39	14134.37	269.438	188.250	332.0	C	0.38	-13.95	103.29	148.2
266	4012.94	14135.45	269.875	189.063	335.0	C	0.44	-14.07	104.21	148.6
267	4013.66	14135.00	254.375	190.125	410.0	SH	0.42	-17.21	127.35	146.8
268	4011.91	14136.01	277.000	187.500	282.0	SH	0.37	-11.85	87.86	146.7
269	4012.59	14137.17	252.000	188.500	418.0	SH	0.65	-17.55	129.81	148.1
270	4011.45	14137.28	286.438	186.813	240.0	SH	0.84	-10.09	74.91	149.8
271	4010.35	14138.64	305.813	185.188	124.0	SH	2.18	-5.22	39.12	151.6
272	4010.23	14137.08	294.125	185.000	170.0	SH	1.73	-7.15	53.31	148.0
273	4010.24	14139.66	312.063	185.000	90.0	C	2.43	-3.79	28.64	152.0
274	4010.34	14141.19	320.438	185.188	50.0	C	2.64	-2.11	16.30	153.0
275	4010.79	14142.28	331.750	185.813	32.0	SH	0.76	-1.35	10.74	155.0
276	4011.06	14141.56	320.563	186.250	68.0	C	1.38	-2.86	21.85	152.2
277	4011.10	14140.16	300.250	186.313	170.0	C	1.56	-7.15	53.31	152.3
278	4011.85	14139.30	283.688	187.438	260.0	C	0.70	-10.93	81.08	150.0
279	4011.92	14138.09	262.688	187.500	368.0	C	0.29	-15.45	114.39	149.0
280	4010.02	14143.71	324.375	184.688	50.0	C	0.49	-2.11	16.30	151.6
281	4011.06	14143.39	329.625	186.250	17.0	C	0.42	-0.72	6.12	148.7
282	4012.00	14140.95	289.563	187.625	232.0	C	0.40	-9.75	72.44	149.3
283	4012.83	14141.99	301.250	188.875	160.0	C	0.34	-6.73	50.23	145.5
284	4013.69	14140.40	300.063	190.125	157.0	SH	0.68	-6.61	49.30	143.4
285	4013.13	14138.62	280.063	189.313	275.0	C	0.60	-11.56	85.70	147.2
286	4013.80	14138.26	283.125	190.313	262.0	SH	0.57	-11.01	81.69	146.6
287	4014.42	14137.04	273.188	191.250	316.0	SH	0.38	-13.28	98.35	145.9
288	4015.98	14129.56	281.500	193.563	247.0	SH	0.25	-10.38	77.07	138.0
289	4016.73	14130.55	283.125	194.688	255.0	C	0.15	-10.72	79.53	139.7
290	4018.13	14131.39	301.250	196.750	187.0	SH	0.21	-7.87	58.56	142.6
291	4018.97	14130.86	307.625	198.000	180.0	C	0.36	-7.57	56.40	146.7
292	4018.67	14130.10	292.188	197.563	210.0	C	0.18	-8.83	65.65	137.2
293	4019.82	14131.07	300.188	199.250	232.0	C	0.55	-9.75	72.44	148.8
294	4019.58	14131.58	296.500	198.938	260.0	C	0.44	-10.93	81.08	150.7
295	4018.78	14131.71	306.688	197.750	190.0	C	0.38	-7.99	59.48	148.1
296	4018.65	14132.61	302.125	197.500	210.0	C	0.34	-8.83	65.65	147.6
297	4018.97	14133.76	296.125	198.000	240.0	SH	0.27	-10.09	74.91	146.8
298	4019.73	14133.14	295.563	199.125	243.0	C	0.29	-10.22	75.83	145.7
299	4019.93	14134.57	291.188	199.438	260.0	C	0.19	-10.93	81.08	144.1
300	4019.34	14135.24	294.938	198.563	224.0	SH	0.23	-9.42	69.97	141.8
301	4019.57	14136.18	296.563	198.875	210.0	SH	0.28	-8.83	65.65	140.4
302	4018.65	14135.98	280.813	197.500	280.0	C	0.21	-11.77	87.25	139.6
303	4018.39	14135.15	286.875	197.125	268.0	C	0.21	-11.26	83.54	143.7
304	4018.29	14133.92	278.313	197.000	332.0	C	0.25	-13.95	103.29	148.0
305	4017.59	14133.91	272.250	195.938	350.0	C	0.28	-14.70	108.84	146.6
306	4017.60	14132.74	290.875	196.000	252.0	C	0.18	-10.59	78.61	145.7
307	4016.81	14133.40	293.063	194.813	238.0	C	0.29	-10.01	74.29	146.6
308	4017.02	14132.35	297.375	195.125	210.0	C	0.32	-8.83	65.65	145.2
309	4015.84	14132.97	284.750	193.375	270.0	C	0.38	-11.35	84.16	146.2
310	4015.20	14133.70	277.938	192.375	300.0	C	0.40	-12.61	93.42	146.4
311	4016.62	14134.26	288.500	194.500	255.0	C	0.29	-10.72	79.53	145.6
312	4016.31	14135.22	276.750	194.063	303.0	SH	0.16	-12.73	94.34	143.5
313	4016.32	14137.12	290.250	194.063	227.0	SH	0.31	-9.54	70.90	142.4
314	4018.34	14138.42	294.063	197.063	180.0	C	0.17	-7.57	56.40	133.6
315	4018.17	14140.24	301.313	196.813	170.0	SH	0.16	-7.15	53.31	139.1
316	4017.82	14141.30	309.125	196.313	165.0	SH	0.17	-6.94	51.77	146.5
317	4016.99	14142.12	303.438	195.063	210.0	C	0.17	-8.83	65.65	150.8
318	4016.35	14142.17	310.250	194.125	160.0	SH	0.18	-6.73	50.23	148.8
319	4016.09	14143.23	304.750	193.750	212.4	TP3	0.28	-8.93	66.39	154.2
320	4015.52	14142.52	306.000	192.875	174.0	SH	0.13	-7.32	54.55	148.4
321	4014.80	14143.49	299.188	191.813	192.0	C	0.17	-8.08	60.10	146.3
322	4015.69	14144.74	317.188	193.125	182.0	C	0.20	-7.66	57.02	161.1
323	4015.94	14146.34	334.688	193.500	140.0	C	0.21	-5.89	44.06	170.0
324	4015.86	14146.66	336.875	193.375	130.0	C	0.20	-5.47	40.97	170.3
325	4013.23	14147.19	347.938	189.500	13.8	BM1	0.31	-0.58	5.13	162.8
326	4011.18	14147.49	346.000	186.438	5.0	C	0.24	-0.21	2.41	162.1
327	4010.56	14149.18	355.625	185.500	10.0	C	0.68	-0.42	3.96	174.7
328	4010.36	14149.49	354.063	185.188	22.0	C	0.49	-0.93	7.66	175.3
329	4010.49	14149.71	348.375	185.375	68.0	C	0.46	-2.86	21.85	178.3
330	4010.43	14149.90	349.500	185.313	65.0	C	0.41	-2.74	20.92	178.7
331	4010.29	14150.03	348.063	185.125	70.0	C	0.44	-2.95	22.47	178.6
332	4010.05	14150.36	349.813	184.750	60.0	C	0.87	-2.53	19.38	179.9
333	4010.56	14150.04	362.125	185.500	10.0	C	0.46	-0.42	3.96	180.6
334	4010.31	14150.44	362.125	185.125	10.0	C	0.58	-0.42	3.96	181.3
335	4010.76	14148.73	352.250	185.813	30.0	C	0.33	-1.26	10.13	174.0
336	4009.14	14149.28	308.375	183.375	187.0	C	0.42	-7.87	58.56	163.5
337	4009.98	14148.82	313.375	184.625	190.0	TP3	0.73	-7.99	59.48	168.7
338	4010.48	14148.08	339.375	185.375	58.0	C	0.29	-2.44	18.76	166.9
339	4010.15	14148.22	332.938	184.875	77.0	C	0.27	-3.24	24.62	164.6
340	4009.44	14147.72	314.750	183.813	150.0	C	0.41	-6.31	47.14	162.2
341	4009.95	14147.49	306.063	184.563	140.0	C	0.49	-5.89	44.06	151.0
342	4010.73	14147.52	324.688	185.750	100.0	C	0.45	-4.21	31.72	160.5
343	4011.01	14146.53	339.563	186.188	5.5	BM1	0.25	-0.23	2.57	156.0
344	4011.63	14147.70	347.313	187.063	7.0	SH	0.20	-0.30	3.03	163.0
345	4011.71	14148.59	356.375	187.188	5.0	C	0.24	-0.21	2.41	171.5
346	4011.21	14148.94	358.250	186.500	5.0	C	0.29	-0.21	2.41	174.2
347	4011.58	14148.09	353.438	187.000	5.0	C	0.21	-0.21	2.41	168.8
348	4016.66	14138.24	286.500	194.563	220.0	SH	0.17	-9.25	68.74	136.4
349	4015.54	14136.84	285.250	192.875	250.0	C	0.64	-10.51	77.99	144.0
350	4016.92	14134.76	282.063	194.938	290.0	C	0.21	-12.19	90.33	145.5

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
351	4017.64	14135.24	265.500	196.000	350.0	C	0.27	-14.70	108.84	139.8
352	4015.24	14135.40	279.188	192.438	291.0	C	0.37	-12.23	90.64	145.7
353	4014.45	14134.65	270.938	191.250	340.0	C	0.40	-14.28	105.75	148.3
354	4015.72	14139.32	280.438	193.188	256.0	C	0.17	-10.76	79.84	138.8
355	4015.15	14139.03	277.375	192.313	300.0	C	0.25	-12.61	93.42	145.5
356	4014.45	14139.80	289.438	191.250	220.0	C	0.30	-9.25	68.74	143.0
357	4014.82	14137.66	264.563	191.813	363.0	C	0.34	-15.25	112.85	145.7
358	4014.70	14138.62	286.250	191.688	267.0	C	0.26	-11.22	83.24	148.5
359	4014.24	14140.81	290.500	191.000	208.0	C	0.19	-8.75	65.04	141.7
360	4014.51	14141.67	294.875	191.375	198.0	SH	0.17	-8.33	61.95	143.6
361	4014.53	14142.77	293.875	191.375	205.0	C	0.18	-8.62	64.11	144.0
362	4013.80	14141.83	310.125	190.313	117.0	C	0.36	-4.92	36.96	144.6
363	4013.36	14142.42	312.875	189.688	98.0	C	0.39	-4.13	31.10	144.3
364	4013.76	14142.97	315.188	190.250	83.0	SH	0.44	-3.49	26.48	143.2
365	4019.08	14140.77	297.688	198.188	207.0	SH	0.18	-8.71	64.73	141.4
366	4019.05	14139.83	298.750	198.125	180.0	SH	0.19	-7.57	56.40	137.3
367	4018.79	14137.40	292.875	197.750	192.0	SH	0.18	-8.08	60.10	134.1
368	4019.73	14138.20	285.000	199.125	240.0	C	0.24	-10.09	74.91	134.5
369	4017.84	14136.69	291.688	196.313	217.0	SH	0.21	-9.13	67.81	139.3
370	4016.86	14137.17	286.625	194.875	240.0	C	0.17	-10.09	74.91	140.1
371	4017.28	14139.20	279.563	195.500	260.0	C	0.30	-10.93	81.08	136.7
372	4017.21	14140.21	292.250	195.375	200.0	C	0.14	-8.41	62.57	137.3
373	4016.07	14140.72	294.250	193.688	193.0	C	0.15	-8.12	60.41	139.7
374	4015.25	14140.76	291.750	192.500	202.0	SH	0.16	-8.50	63.19	140.2
375	4014.04	14144.34	307.688	190.688	162.0	C	0.29	-6.82	50.85	150.4
376	4013.31	14145.29	331.750	189.563	40.0	C	0.34	-1.69	13.21	151.7
377	4012.54	14147.13	343.625	188.438	0.0	C	0.32	0.00	0.87	156.8
378	4012.74	14145.86	330.375	188.750	49.0	C	0.37	-2.06	15.99	153.1
379	4012.42	14145.98	310.125	188.250	141.0	SH	0.57	-5.93	44.37	151.8
380	4011.84	14146.53	339.625	187.375	10.0	SH	0.28	-0.42	3.96	155.8
381	4011.52	14145.38	332.938	186.938	12.0	SH	0.30	-0.51	4.57	150.0
382	4012.08	14144.74	315.750	187.750	90.0	C	0.39	-3.79	28.64	147.5
383	4014.82	14145.71	334.438	191.813	83.0	C	0.43	-3.49	26.48	160.8
384	4014.40	14146.15	343.063	191.188	50.0	C	0.58	-2.11	16.30	164.1
385	4011.48	14142.65	319.625	186.875	76.0	C	0.36	-3.20	24.32	149.5
386	4012.06	14142.04	303.813	187.750	142.0	C	0.43	-5.98	44.68	146.0
387	4011.39	14144.17	328.813	186.750	16.0	SH	0.36	-0.67	5.81	147.0
388	4012.27	14143.44	292.250	188.063	188.0	C	0.55	-7.91	58.87	143.4
389	4012.73	14143.01	293.125	188.750	192.0	C	0.34	-8.08	60.10	143.8
390	4010.63	14144.20	324.375	185.625	50.0	C	0.38	-2.11	16.30	150.4
391	4010.35	14145.47	330.125	185.188	14.0	SH	0.41	-0.59	5.19	149.6
392	4012.98	14148.17	337.125	189.125	100.0	C	0.34	-4.21	31.72	169.3
393	4013.20	14149.24	348.875	189.438	94.0	C	0.63	-3.96	29.87	180.3
394	4013.09	14150.13	358.750	189.250	60.0	C	0.71	-2.53	19.38	183.7
395	4014.21	14148.90	341.750	190.938	143.0	C	0.36	-6.02	44.99	180.5
396	4014.31	14149.79	374.563	191.063	6.0	C	0.60	-0.25	2.72	187.0
397	4015.14	14149.16	354.500	192.313	108.0	SH	0.49	-4.55	34.19	185.3
398	4016.04	14149.10	371.000	193.625	10.0	C	0.43	-0.42	3.96	181.2
399	4016.89	14148.54	368.250	194.938	15.0	C	0.37	-0.63	5.50	178.0
400	4016.53	14147.68	335.063	194.375	159.0	SH	0.39	-6.69	49.92	173.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
401	4025.56	14142.27	353.313	207.813	12.0	BM1	0.16	-0.51	4.57	149.1
402	4014.51	14147.49	330.750	191.375	152.0	BM1	0.24	-6.40	47.76	170.6
403	4013.96	14147.86	325.750	190.563	180.0	C	0.53	-7.57	56.40	172.7
404	4015.66	14147.69	332.250	193.063	174.0	SH	0.29	-7.32	54.55	174.8
405	4018.04	14147.24	345.563	196.625	96.0	TP3	0.33	-4.04	30.49	169.3
406	4017.22	14146.25	330.125	195.375	160.0	C	0.22	-6.73	50.23	167.4
407	4016.98	14144.70	318.250	195.063	195.0	C	0.21	-8.20	61.03	162.8
408	4016.91	14143.37	310.500	194.938	210.0	C	0.20	-8.83	65.65	158.1
409	4017.69	14142.66	319.063	196.125	160.0	C	0.19	-6.73	50.23	155.6
410	4018.71	14141.41	297.063	197.625	232.0	C	0.21	-9.75	72.44	146.3
411	4019.49	14142.43	308.938	198.750	206.0	SH	0.21	-8.66	64.42	151.9
412	4019.91	14143.40	315.813	199.375	193.0	C	0.25	-8.12	60.41	155.7
413	4020.44	14144.16	328.688	200.188	143.0	SH	0.20	-6.02	44.99	157.9
414	4020.84	14145.74	353.938	200.813	28.0	SH	0.20	-1.18	9.51	160.0
415	4019.77	14146.16	358.500	199.188	8.0	SH	0.31	-0.34	3.34	162.5
416	4018.74	14146.30	349.375	197.688	61.0	BM1	0.27	-2.57	19.69	165.1
417	4017.79	14145.47	324.375	196.250	180.0	C	0.33	-7.57	56.40	165.1
418	4018.42	14144.35	322.313	197.188	185.0	C	0.22	-7.78	57.94	162.8
419	4022.19	14144.65	353.250	202.813	26.9	BM1	0.21	-1.13	9.17	157.1
420	4021.68	14142.46	321.375	202.063	146.0	C	0.24	-6.14	45.91	149.4
421	4026.98	14141.00	357.188	209.938	13.5	TP3	0.15	-0.57	5.04	151.1
422	4026.46	14139.72	341.500	209.125	74.0	SH	0.20	-3.12	23.70	148.1
423	4026.55	14138.43	337.313	209.250	109.0	C	0.25	-4.59	34.50	150.9
424	4025.80	14138.18	325.500	208.188	142.0	C	0.45	-5.98	44.68	147.2
425	4024.88	14138.72	311.938	206.813	196.0	SH	0.45	-8.24	61.33	145.6
426	4025.16	14139.52	321.125	207.188	153.0	C	0.31	-6.44	48.07	145.5
427	4023.31	14138.31	320.063	204.438	132.0	SH	0.34	-5.56	41.59	143.2
428	4021.78	14138.99	308.188	202.188	165.0	C	0.29	-6.94	51.77	140.0
429	4021.38	14138.04	281.250	201.563	275.0	C	0.56	-11.56	85.70	135.9
430	4021.80	14140.23	317.250	202.188	130.0	SH	0.27	-5.47	40.97	142.1
431	4022.81	14140.70	308.875	203.750	190.0	C	0.29	-7.99	59.48	144.0
432	4023.09	14141.49	321.625	204.125	141.0	SH	0.24	-5.93	44.37	146.6
433	4023.31	14142.23	331.375	204.438	104.0	SH	0.20	-4.38	32.95	148.6
434	4024.01	14142.73	345.688	205.500	50.0	SH	0.19	-2.11	16.30	151.3
435	4024.23	14140.70	332.625	205.813	97.0	SH	0.22	-4.08	30.79	147.2
436	4024.85	14141.56	339.063	206.750	72.0	SH	0.18	-3.03	23.08	147.7
437	4023.69	14139.65	325.500	205.000	108.0	SH	0.33	-4.55	34.19	143.3
438	4022.50	14138.60	295.563	203.250	238.0	C	0.35	-10.01	74.29	140.7
439	4023.52	14137.64	322.625	204.750	124.0	SH	0.45	-5.22	39.12	144.2
440	4024.01	14136.83	310.875	205.500	196.0	SH	0.85	-8.24	61.33	146.9
441	4022.63	14137.35	309.125	203.438	180.0	C	0.39	-7.57	56.40	142.9
442	4022.04	14135.87	289.750	202.563	283.0	SH	0.78	-11.89	88.17	145.6
443	4021.42	14134.88	287.438	201.625	310.0	C	0.36	-13.03	96.50	148.4
444	4021.21	14135.79	248.500	201.313	485.0	SH	1.41	-20.35	150.48	147.0
445	4020.60	14135.81	288.750	200.438	278.0	SH	0.62	-11.68	86.63	145.4
446	4020.36	14134.26	290.563	200.063	270.0	SH	0.21	-11.35	84.16	144.9
447	4021.03	14133.61	292.938	201.063	269.0	SH	0.20	-11.31	83.85	146.1
448	4020.48	14133.05	296.125	200.250	257.0	SH	0.28	-10.80	80.15	147.9
449	4022.19	14132.87	300.000	202.813	249.0	SH	0.26	-10.47	77.68	147.6
450	4021.82	14132.48	303.188	202.250	227.0	SH	0.47	-9.54	70.90	147.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
451	4027.90	14139.47	362.563	211.313	9.0	C	0.16	-0.38	3.65	154.2
452	4027.38	14138.40	342.813	210.500	99.0	SH	0.22	-4.17	31.41	153.1
453	4027.08	14137.60	335.250	210.063	124.0	SH	0.18	-5.22	39.12	150.8
454	4026.27	14136.65	328.750	208.875	136.0	C	0.27	-5.72	42.83	148.1
455	4025.70	14134.94	325.625	208.000	145.0	C	0.37	-6.10	45.60	147.8
456	4025.93	14135.68	329.688	208.375	128.0	C	0.38	-5.39	40.36	148.3
457	4026.40	14134.11	330.063	209.063	133.0	SH	0.16	-5.60	41.90	148.4
458	4026.88	14133.57	332.375	209.750	121.0	C	0.14	-5.09	38.20	147.5
459	4027.79	14132.36	350.813	211.125	22.0	SH	0.20	-0.93	7.66	145.4
460	4027.18	14132.79	334.250	210.250	98.0	C	0.15	-4.13	31.10	144.5
461	4028.96	14131.96	348.250	212.875	49.0	C	0.12	-2.06	15.99	146.2
462	4029.70	14131.49	357.750	214.000	17.0	C	0.08	-0.72	6.12	148.2
463	4030.32	14130.92	357.563	214.875	5.0	C	0.06	-0.21	2.41	144.7
464	4029.97	14130.33	353.563	214.375	14.0	SH	0.07	-0.59	5.19	143.0
465	4029.19	14130.32	350.125	213.188	25.0	SH	0.09	-1.05	8.58	142.9
466	4028.52	14130.93	346.688	212.250	45.0	SH	0.10	-1.90	14.75	144.4
467	4027.33	14131.33	333.625	210.438	105.0	SH	0.13	-4.42	33.26	144.9
468	4027.73	14130.49	344.250	211.063	48.0	C	0.11	-2.02	15.68	143.8
469	4026.37	14130.05	306.125	209.000	175.0	SH	0.41	-7.36	54.86	133.4
470	4026.41	14131.48	324.813	209.063	142.0	C	0.22	-5.98	44.68	145.0
471	4025.81	14131.50	321.625	208.188	153.0	SH	0.35	-6.44	48.07	145.2
472	4025.51	14132.64	340.938	207.750	74.0	SH	0.45	-3.12	23.70	149.7
473	4024.49	14132.50	323.688	206.250	160.0	C	0.30	-6.73	50.23	150.5
474	4023.97	14132.56	312.250	205.438	206.0	C	0.33	-8.66	64.42	148.9
475	4023.78	14133.19	306.813	205.188	228.0	SH	0.68	-9.59	71.21	149.0
476	4024.08	14133.97	292.500	205.625	320.0	C	1.01	-13.44	99.58	153.2
477	4023.63	14131.70	308.438	204.938	224.0	SH	0.22	-9.42	69.97	148.9
478	4023.90	14130.61	309.563	205.313	209.0	C	0.28	-8.79	65.34	146.8
479	4024.65	14130.05	325.063	206.438	120.0	C	0.24	-5.05	37.89	143.6
480	4024.52	14131.43	314.063	206.250	198.0	C	0.21	-8.33	61.95	148.0
481	4025.22	14131.51	319.188	207.313	174.0	SH	0.22	-7.32	54.55	147.4
482	4024.86	14133.34	323.750	206.750	163.0	SH	0.51	-6.86	51.15	151.1
483	4024.36	14143.43	354.000	206.000	10.0	C	0.16	-0.42	3.96	151.2
484	4023.45	14143.59	352.250	204.688	20.0	SH	0.19	-0.84	7.04	152.8
485	4023.03	14144.09	354.000	204.063	14.0	SH	0.21	-0.59	5.19	154.1
486	4029.48	14137.80	365.563	213.625	20.0	SH	0.16	-0.84	7.04	157.0
487	4029.09	14136.90	347.313	213.063	113.0	SH	0.24	-4.76	35.73	157.8
488	4029.84	14136.80	359.750	214.188	58.0	C	0.21	-2.44	18.76	158.3
489	4030.56	14136.62	365.500	215.250	29.0	C	0.17	-1.22	9.82	157.1
490	4030.91	14135.33	367.250	215.750	30.0	SH	0.14	-1.26	10.13	158.6
491	4031.06	14134.52	355.313	216.000	80.0	C	0.15	-3.37	25.55	156.2
492	4031.56	14134.34	357.000	216.750	76.0	SH	0.20	-3.20	24.32	156.5
493	4031.19	14133.78	358.125	216.188	60.0	C	0.14	-2.53	19.38	154.9
494	4030.77	14133.79	358.625	215.563	48.0	SH	0.11	-2.02	15.68	153.5
495	4030.46	14132.87	358.938	215.125	38.0	SH	0.07	-1.60	12.59	152.3
496	4029.82	14132.98	352.688	214.125	58.0	SH	0.07	-2.44	18.76	151.0
497	4029.26	14134.18	349.188	213.313	80.0	C	0.09	-3.37	25.55	152.6
498	4028.43	14134.76	342.188	212.063	108.0	SH	0.10	-4.55	34.19	152.4
499	4028.34	14133.81	341.375	211.938	100.0	C	0.11	-4.21	31.72	150.1
500	4027.39	14134.00	346.125	210.500	63.0	C	0.21	-2.65	20.31	149.4

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
501	4026.31	14133.02	329.938	208.938	120.0	C	0.22	-5.05	37.89	146.0
502	4025.23	14134.06	326.563	207.313	147.0	C	0.46	-6.19	46.22	150.2
503	4024.96	14134.76	310.250	206.938	222.0	C	1.06	-9.33	69.35	150.5
504	4024.75	14135.12	287.688	206.625	338.0	C	1.36	-14.20	105.14	151.9
505	4024.55	14135.56	252.438	206.313	510.0	C	1.80	-21.39	158.19	151.9
506	4024.27	14135.43	224.563	205.875	625.1	TP1	3.13	-26.19	193.69	150.7
507	4023.87	14135.28	197.063	205.313	740.1	TP1	4.76	-30.98	229.16	150.8
508	4024.69	14136.33	235.438	206.500	565.4	TP3	3.07	-23.70	175.28	149.0
509	4024.77	14136.68	261.500	206.625	460.0	C	1.56	-19.30	142.77	150.2
510	4027.36	14136.24	339.500	210.500	110.0	C	0.14	-4.63	34.80	151.7
511	4028.15	14136.73	346.875	211.688	98.0	C	0.14	-4.13	31.10	155.6
512	4028.33	14137.95	359.125	211.938	40.0	C	0.14	-1.69	13.21	156.2
513	4028.56	14138.59	364.438	212.250	17.0	C	0.16	-0.72	6.12	156.7
514	4028.77	14135.83	344.063	212.563	120.0	SH	0.14	-5.05	37.89	156.1
515	4029.64	14135.54	344.750	213.875	128.0	SH	0.19	-5.39	40.36	157.2
516	4030.14	14134.92	351.000	214.625	97.0	C	0.14	-4.08	30.79	156.6
517	4027.25	14135.18	336.000	210.313	120.0	C	0.12	-5.05	37.89	150.4
518	4026.64	14135.50	332.438	209.438	128.0	C	0.17	-5.39	40.36	149.4
519	4025.64	14140.62	340.938	207.938	69.0	C	0.18	-2.91	22.16	147.8
520	4024.36	14138.36	309.063	206.000	202.0	SH	0.42	-8.50	63.19	144.6
521	4022.76	14136.63	306.688	203.625	200.0	C	0.58	-8.41	62.57	144.7
522	4023.19	14132.25	305.125	204.250	232.0	C	0.25	-9.75	72.44	147.9
523	4022.61	14133.54	304.438	203.438	240.0	C	0.46	-10.09	74.91	150.1
524	4022.41	14131.48	315.063	203.125	172.0	C	0.52	-7.24	53.93	147.9
525	4022.77	14131.12	318.875	203.688	158.0	C	0.53	-6.65	49.61	148.5
526	4022.83	14130.35	308.500	203.750	228.0	SH	0.22	-9.59	71.21	150.9
527	4022.34	14130.51	276.188	203.000	374.9	TP3	1.34	-15.74	116.52	151.2
528	4018.84	14138.34	283.625	197.813	235.0	C	0.21	-9.88	73.36	133.3
529	4021.25	14143.98	332.438	201.375	126.0	SH	0.22	-5.30	39.74	157.1
530	4020.67	14143.06	321.625	200.500	160.0	SH	0.24	-6.73	50.23	153.9
531	4020.24	14141.89	308.375	199.875	195.0	C	0.22	-8.20	61.03	148.1
532	4021.10	14139.11	302.750	201.188	180.0	SH	0.24	-7.57	56.40	138.3
533	4021.23	14138.34	307.813	201.375	165.0	C	1.61	-6.94	51.77	143.9
534	4021.94	14139.52	311.563	202.438	152.0	SH	0.23	-6.40	47.76	140.4
535	4022.23	14139.87	307.625	202.875	181.0	SH	0.20	-7.61	56.71	141.6
536	4016.18	14138.82	277.125	193.875	262.0	C	0.17	-11.01	81.69	135.9
537	4015.53	14139.73	286.000	192.875	230.0	C	0.21	-9.67	71.82	139.6
538	4016.05	14140.32	292.500	193.688	200.0	C	0.15	-8.41	62.57	139.3
539	4015.25	14140.32	285.750	192.500	228.0	C	0.16	-9.59	71.21	139.2
540	4014.80	14140.41	285.438	191.813	233.0	C	0.17	-9.80	72.75	140.7
541	4014.68	14141.09	288.813	191.625	213.0	C	0.19	-8.96	66.58	140.3
542	4014.81	14139.06	287.625	191.813	247.0	C	0.32	-10.38	77.07	146.0
543	4014.38	14139.19	290.625	191.188	228.0	C	0.35	-9.59	71.21	146.0
544	4013.43	14137.82	274.750	189.750	308.0	C	0.55	-12.94	95.88	147.7
545	4014.11	14137.42	275.500	190.750	303.0	C	0.41	-12.73	94.34	146.1
546	4014.00	14136.47	269.688	190.625	338.0	C	0.53	-14.20	105.14	147.7
547	4018.93	14139.06	291.563	197.938	200.0	C	0.19	-8.41	62.57	134.2
548	4019.73	14141.33	312.063	199.125	160.0	C	0.23	-6.73	50.23	145.8
549	4019.59	14139.65	292.250	198.938	220.0	C	0.20	-9.25	68.74	137.8
550	4019.45	14139.05	287.875	198.750	230.0	C	0.20	-9.67	71.82	135.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
551	4019.49	14138.65	286.500	198.750	232.0	C	0.17	-9.75	72.44	134.5
552	4020.21	14139.13	297.063	199.875	212.0	C	0.18	-8.92	66.27	140.1
553	4020.39	14139.97	301.625	200.125	223.0	C	0.21	-9.38	69.66	146.6
554	4020.80	14138.58	295.500	200.750	210.0	C	0.33	-8.83	65.65	137.7
555	4021.35	14140.85	304.375	201.563	203.0	C	0.29	-8.54	63.49	144.2
556	4022.87	14142.69	332.625	203.813	100.0	C	0.19	-4.21	31.72	149.7
557	4022.06	14142.23	323.250	202.625	132.0	C	0.23	-5.56	41.59	147.9
558	4022.44	14143.93	340.750	203.188	84.0	C	0.23	-3.54	26.78	155.4
559	4021.91	14143.24	330.563	202.375	112.0	C	0.18	-4.71	35.42	151.4
560	4022.02	14144.23	340.750	202.563	83.0	C	0.22	-3.49	26.48	155.8
561	4021.44	14143.34	326.500	201.688	138.0	SH	0.24	-5.81	43.44	153.3
562	4021.23	14142.79	322.500	201.375	148.0	C	0.19	-6.23	46.53	151.5
563	4020.94	14142.12	315.563	200.938	168.0	SH	0.18	-7.07	52.70	148.8
564	4020.62	14141.31	300.625	200.438	209.0	C	0.26	-8.79	65.34	142.7
565	4020.87	14132.77	289.500	200.813	288.0	C	0.24	-12.10	89.71	146.7
566	4021.17	14132.51	296.188	201.250	256.0	SH	0.46	-10.76	79.84	147.2
567	4021.60	14132.03	302.438	201.938	230.0	SH	0.47	-9.67	71.82	147.8
568	4021.17	14131.72	288.563	201.250	312.0	SH	0.34	-13.11	97.12	150.3
569	4021.20	14131.97	277.563	201.313	365.0	C	0.63	-15.33	113.46	150.4
570	4020.91	14132.11	271.938	200.875	383.0	C	0.54	-16.08	119.02	148.5
571	4020.92	14131.51	275.688	200.938	372.0	C	0.42	-15.62	115.62	149.8
572	4020.99	14130.88	276.500	201.000	372.0	C	0.47	-15.62	115.62	150.6
573	4021.20	14130.44	279.875	201.313	359.0	SH	0.49	-15.08	111.61	151.2
574	4021.39	14130.80	299.438	201.625	260.0	SH	0.46	-10.93	81.08	151.0
575	4021.39	14129.80	287.875	201.625	308.0	SH	0.33	-12.94	95.88	148.5
576	4020.75	14131.16	270.063	200.625	402.0	SH	0.59	-16.88	124.88	150.8
577	4020.48	14130.77	282.125	200.250	338.0	C	0.31	-14.20	105.14	149.9
578	4020.38	14131.73	287.750	200.125	308.0	C	0.42	-12.94	95.88	150.1
579	4020.95	14128.87	301.625	200.938	205.0	C	0.23	-8.62	64.11	142.3
580	4021.03	14128.26	313.688	201.063	122.0	SH	0.62	-5.13	38.51	139.0
581	4021.54	14127.87	317.375	201.813	105.0	C	0.61	-4.42	33.26	138.7
582	4020.78	14128.37	311.938	200.688	128.0	C	0.80	-5.39	40.36	139.4
583	4020.61	14127.95	308.938	200.438	130.0	C	0.53	-5.47	40.97	136.3
584	4020.19	14127.79	304.750	199.813	134.0	SH	0.71	-5.64	42.21	134.0
585	4018.00	14139.40	297.313	196.563	178.0	C	0.17	-7.49	55.78	136.9
586	4018.53	14140.72	293.938	197.375	233.0	C	0.24	-9.80	72.75	143.8
587	4019.93	14145.60	349.000	199.438	53.0	C	0.30	-2.23	17.22	161.5
588	4019.44	14144.81	328.938	198.688	152.0	C	0.22	-6.40	47.76	161.4
589	4019.27	14143.81	323.125	198.438	167.0	C	0.17	-7.03	52.39	158.7
590	4018.95	14144.50	330.688	198.000	142.0	C	0.22	-5.98	44.68	162.0
591	4018.62	14143.59	318.375	197.500	188.0	C	0.20	-7.91	58.87	159.1
592	4018.66	14142.17	299.688	197.563	230.0	C	0.29	-9.67	71.82	148.9
593	4018.66	14142.84	310.688	197.563	198.0	SH	0.16	-8.33	61.95	153.2
594	4018.06	14143.93	328.000	196.625	150.0	C	0.19	-6.31	47.14	162.0
595	4018.58	14145.46	329.375	197.438	153.0	C	0.26	-6.44	48.07	163.4
596	4018.27	14146.24	340.438	196.938	111.0	C	0.25	-4.67	35.11	166.7
597	4017.15	14145.40	322.438	195.313	187.0	C	0.21	-7.87	58.56	165.1
598	4017.03	14143.94	316.938	195.125	200.0	C	0.21	-8.41	62.57	162.4
599	4016.91	14145.96	326.313	194.938	175.0	C	0.23	-7.36	54.86	167.0
600	4016.45	14145.32	322.750	194.250	184.0	SH	0.30	-7.74	57.63	166.2
601	4017.12	14147.15	341.250	195.250	102.2	BM1	0.29	-4.30	32.40	167.6
602	4017.19	14141.32	305.813	195.375	170.0	C	0.18	-7.15	53.31	145.1
603	4016.38	14139.44	286.563	194.125	216.0	SH	0.16	-9.08	67.50	136.1
604	4017.32	14138.09	290.250	195.563	200.0	C	0.18	-8.41	62.57	135.2
605	3936.54	14129.33	133.750	135.063	514.5	BMu	1.81	-21.58	159.58	105.5
606	3936.28	14128.04	115.813	134.625	620.0	C	1.67	-25.98	192.12	108.4
607	3935.61	14128.89	116.750	133.688	615.0	C	2.03	-25.77	190.58	110.2
608	3935.25	14129.64	79.438	133.125	815.0	C	1.92	-34.10	252.26	112.7
609	3935.64	14129.80	65.000	133.688	870.0	C	1.61	-36.38	269.22	107.7
610	3935.16	14128.63	106.625	133.000	658.0	C	2.88	-27.56	203.84	111.6
611	3934.97	14128.13	95.688	132.688	710.0	C	2.50	-29.73	219.88	110.2
612	3934.56	14127.16	72.313	132.125	816.0	C	2.47	-34.14	252.57	108.2
613	3935.22	14126.87	33.500	133.063	1030.0	C	1.68	-43.01	318.56	108.6
614	3935.22	14126.38	27.500	133.063	1070.0	C	1.73	-44.67	330.89	110.6
615	3935.68	14126.60	48.188	133.750	988.0	C	1.27	-41.27	305.61	113.2
616	3935.70	14125.80	75.313	133.813	842.0	C	1.11	-35.22	260.58	111.1
617	3936.85	14125.48	97.250	135.500	725.0	C	1.12	-30.35	224.50	108.2
618	3936.88	14124.52	74.625	135.563	835.0	C	1.17	-34.93	258.43	107.4
619	3937.14	14126.01	101.625	135.938	694.0	C	0.99	-29.06	214.94	105.7
620	3937.97	14126.47	114.563	137.125	615.0	C	1.24	-25.77	190.58	102.5
621	3939.06	14125.60	94.563	138.750	704.0	C	1.49	-29.48	218.03	99.1
622	3939.58	14124.95	79.125	139.563	784.0	C	0.89	-32.81	242.70	97.1
623	3938.02	14127.31	117.188	137.250	595.0	C	1.65	-24.94	184.41	102.2
624	3939.59	14127.35	86.750	139.563	748.0	C	1.77	-31.31	231.60	99.9
625	3939.98	14127.80	74.625	140.125	815.0	C	1.56	-34.10	252.26	99.9
626	3938.78	14127.31	102.750	138.375	668.0	C	1.78	-27.98	206.92	101.4
627	3936.72	14128.76	129.875	135.313	533.4	BMu	2.11	-22.37	165.41	105.9
628	3937.77	14127.79	119.813	136.875	584.4	BMu	1.60	-24.50	181.14	103.0
629	3938.28	14127.98	108.000	137.625	642.0	C	1.68	-26.90	198.90	101.9
630	3938.95	14128.19	90.188	138.625	730.0	C	1.86	-30.56	226.04	101.0
631	3939.35	14128.27	72.125	139.188	830.0	C	1.26	-34.72	256.88	100.5
632	3938.87	14124.73	96.000	138.500	702.0	C	1.02	-29.40	217.41	99.2
633	3939.10	14124.45	87.438	138.813	738.0	C	1.02	-30.90	228.51	97.3
634	3937.83	14124.14	87.625	136.938	750.0	B	1.21	-31.39	232.21	102.3
635	3937.70	14123.22	93.875	136.750	742.0	C	1.10	-31.06	229.75	106.9
636	3937.17	14123.20	85.000	136.000	800.0	B	1.46	-33.47	247.63	111.2
637	3938.74	14122.79	94.000	138.313	723.0	C	0.81	-30.27	223.89	100.9
638	3939.57	14123.12	67.250	139.500	830.0	B	0.94	-34.72	256.88	94.4
639	3939.76	14123.65	44.750	139.813	960.0	B	1.14	-40.11	296.97	97.8
640	3939.43	14123.81	56.938	139.313	905.0	B	0.96	-37.83	280.01	99.2
641	3938.67	14121.36	85.125	138.188	760.0	C	0.63	-31.81	235.30	99.0
642	3939.08	14121.85	82.063	138.813	778.0	C	0.89	-32.56	240.85	99.6
643	3939.59	14120.09	105.125	139.563	638.0	B	0.95	-26.73	197.67	94.4
644	3939.84	14121.15	73.188	139.938	803.0	C	1.10	-33.60	248.56	95.1
645	3939.84	14121.89	50.250	139.938	925.0	SH	1.18	-38.66	286.18	96.5
646	3939.12	14118.53	146.063	138.875	440.0	B	1.28	-18.47	136.60	97.9
647	3938.84	14118.56	138.438	138.438	478.0	C	1.09	-20.06	148.32	97.7
648	3939.59	14123.52	61.563	139.563	880.0	B	0.96	-36.79	272.30	98.7
649	3939.23	14123.19	80.500	139.000	800.0	B	0.79	-33.47	247.63	101.9
650	3939.69	14118.43	157.500	139.688	372.0	SH	1.56	-15.62	115.63	95.9

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
651	3939.43	14119.56	140.438	139.313	458.0	C	1.69	-19.22	142.15	96.5
652	3939.30	14120.12	124.000	139.125	549.0	C	1.49	-23.02	170.22	97.6
653	3938.89	14120.21	116.875	138.500	588.0	C	1.72	-24.65	182.25	99.4
654	3939.45	14116.80	174.313	139.375	275.0	C	1.46	-11.56	85.71	93.7
655	3938.85	14117.09	172.313	138.438	283.0	C	1.68	-11.89	88.17	94.8
656	3938.47	14117.64	171.313	137.875	295.0	SH	1.64	-12.40	91.87	96.6
657	3938.17	14117.02	152.813	137.438	398.0	B	0.87	-16.71	123.65	96.7
658	3937.95	14116.63	125.750	137.125	540.0	C	1.04	-22.64	167.44	98.4
659	3936.95	14116.55	159.813	135.625	365.0	C	1.05	-15.33	113.47	99.5
660	3937.66	14116.20	156.938	136.688	375.0	C	0.82	-15.75	116.55	96.9
661	3938.79	14116.48	140.750	138.375	460.0	B	0.80	-19.30	142.77	95.7
662	3938.56	14116.88	154.813	138.000	385.0	B	1.07	-16.17	119.64	96.1
663	3937.96	14117.76	170.188	137.125	303.0	C	1.65	-12.73	94.34	97.8
664	3937.06	14118.26	167.313	135.813	318.0	C	2.23	-13.36	98.97	100.8
665	3936.95	14118.85	162.500	135.625	353.0	SH	1.85	-14.83	109.77	101.9
666	3936.28	14119.17	159.938	134.625	378.0	C	1.92	-15.87	117.48	105.5
667	3935.51	14119.88	156.250	133.500	396.0	SH	1.45	-16.63	123.03	105.3
668	3935.69	14120.62	151.063	133.750	425.0	SH	1.96	-17.84	131.97	106.9
669	3935.70	14121.39	140.688	133.813	490.0	C	1.76	-20.56	152.02	108.7
670	3936.25	14121.90	117.563	134.625	610.0	C	2.07	-25.56	189.03	109.3
671	3935.49	14122.10	138.875	133.500	499.0	SH	2.22	-20.93	154.80	110.2
672	3934.64	14122.85	100.063	132.250	712.0	C	1.65	-29.81	220.49	113.2
673	3935.03	14122.58	115.000	132.813	635.0	B	1.36	-26.61	196.75	111.5
674	3935.08	14120.41	141.875	132.875	467.0	C	1.45	-19.60	144.93	105.5
675	3935.48	14122.68	129.500	133.500	545.0	C	2.53	-22.85	168.99	110.8
676	3935.23	14123.80	108.875	133.125	648.0	C	2.28	-27.15	200.75	110.1
677	3935.23	14124.42	95.625	133.125	718.0	C	2.57	-30.06	222.34	111.5
678	3934.90	14124.91	84.313	132.625	780.0	B	2.32	-32.64	241.46	112.2
679	3935.54	14123.99	77.188	133.563	825.0	C	1.63	-34.51	255.34	111.2
680	3935.38	14119.38	151.063	133.313	414.0	SH	1.72	-17.38	128.58	104.5
681	3935.22	14118.45	144.188	133.063	448.0	C	1.31	-18.80	139.07	103.5
682	3935.11	14117.60	138.938	132.938	486.0	C	0.81	-20.39	150.79	104.5
683	3934.72	14115.49	166.125	132.313	340.0	C	1.10	-14.28	105.76	104.3
684	3934.51	14115.11	184.688	132.000	245.0	SH	1.11	-10.30	76.45	104.6
685	3933.95	14117.64	118.438	131.188	599.0	C	0.88	-25.11	185.64	108.2
686	3934.32	14117.41	129.750	131.750	542.0	C	0.83	-22.73	168.06	107.6
687	3934.57	14118.09	127.813	132.125	560.0	B	1.16	-23.48	173.61	109.7
688	3934.53	14120.77	110.938	132.063	648.0	C	1.02	-27.15	200.75	109.9
689	3934.14	14121.35	89.500	131.500	755.0	C	1.36	-31.60	233.75	111.0
690	3933.90	14120.98	83.813	131.125	775.0	C	1.84	-32.43	239.92	110.9
691	3933.37	14121.57	135.188	130.313	515.0	C	1.78	-21.60	159.73	111.7
692	3932.85	14120.86	160.875	129.563	364.0	SH	1.83	-15.29	113.16	108.5
693	3933.31	14120.79	148.750	130.250	440.0	C	1.60	-18.47	136.60	110.0
694	3932.05	14121.51	169.188	128.375	303.0	SH	2.17	-12.73	94.34	107.0
695	3932.29	14122.02	168.000	128.750	317.0	SH	1.94	-13.32	98.66	107.6
696	3932.28	14123.42	154.000	128.750	392.0	SH	2.22	-16.46	121.80	109.1
697	3932.30	14128.85	15.875	128.750	1040.0	C	2.82	-43.43	321.64	100.4
698	3932.05	14127.94	42.000	128.375	921.0	SH	2.87	-38.50	284.95	103.5
699	3932.06	14126.87	74.500	128.375	764.0	C	2.55	-31.98	236.53	104.1
700	3931.87	14126.00	98.313	128.125	643.0	SH	2.69	-26.94	199.21	104.7
701	3931.86	14125.06	124.313	128.125	518.0	SH	2.75	-21.73	160.66	106.2
702	3932.52	14124.60	112.063	129.063	575.0	B	3.10	-24.10	178.24	105.1
703	3932.23	14123.92	144.938	128.688	432.0	C	2.24	-18.13	134.13	108.0
704	3932.15	14122.65	161.063	128.563	351.0	SH	1.80	-14.74	109.15	107.2
705	3932.85	14119.40	164.625	129.563	341.0	C	1.34	-14.32	106.06	106.4
706	3932.78	14118.30	149.000	129.500	422.0	C	0.82	-17.71	131.05	105.5
707	3932.53	14117.40	107.813	129.125	620.0	C	1.53	-25.98	192.12	105.6
708	3933.33	14116.77	163.750	130.250	340.0	C	1.51	-14.28	105.76	105.2
709	3932.75	14116.44	134.438	129.438	490.0	B	1.28	-20.56	152.02	105.5
710	3933.38	14115.30	192.250	130.375	191.0	C	0.83	-8.03	59.79	102.4
711	3931.58	14120.41	178.625	127.688	252.0	C	1.74	-10.59	78.61	105.9
712	3931.10	14119.97	181.875	127.000	228.0	B	1.50	-9.59	71.21	104.5
713	3931.85	14119.03	153.125	128.063	380.0	C	1.50	-15.96	118.09	104.5
714	3930.39	14119.65	185.063	125.938	218.0	C	1.17	-9.17	68.12	105.9
715	3930.05	14120.65	180.875	125.438	222.0	C	1.69	-9.33	69.36	104.4
716	3930.52	14122.26	169.750	126.125	282.0	C	2.35	-11.85	87.86	106.1
717	3930.12	14124.09	149.000	125.500	394.0	SH	2.25	-16.54	122.41	107.7
718	3929.72	14124.50	140.625	124.938	428.0	C	2.18	-17.96	132.90	106.5
719	3929.05	14124.97	121.500	123.938	518.0	C	2.22	-21.73	160.66	106.1
720	3930.58	14123.18	162.250	126.188	328.0	SH	2.06	-13.78	102.05	106.8
721	3929.88	14122.62	136.625	125.188	465.0	C	1.25	-19.51	144.31	107.0
722	3929.53	14123.12	96.188	124.688	677.0	C	1.61	-28.36	209.70	109.8
723	3931.25	14117.78	140.375	127.188	445.0	C	1.00	-18.68	138.14	104.1
724	3931.28	14117.30	117.125	127.250	555.0	C	1.20	-23.27	172.07	103.0
725	3931.90	14115.45	174.000	128.188	270.0	C	0.76	-11.35	84.16	101.7
726	3931.81	14116.74	138.313	128.000	450.0	C	1.02	-18.88	139.69	102.3
727	3929.54	14135.88	26.563	124.688	1000.0	C	1.36	-41.77	309.31	103.3
728	3928.84	14136.20	29.375	123.625	978.0	C	1.47	-40.86	302.53	103.1
729	3928.09	14136.13	44.813	122.500	898.0	C	1.11	-37.54	277.85	102.8
730	3926.02	14135.30	62.438	119.500	776.0	C	0.87	-32.48	240.23	98.8
731	3926.07	14136.96	101.875	119.563	608.0	C	0.99	-25.48	188.42	105.3
732	3925.54	14137.06	110.938	118.750	555.0	C	1.27	-23.27	172.07	105.5
733	3925.17	14136.07	69.750	118.188	735.0	B	0.86	-30.77	227.59	99.2
734	3927.00	14135.74	66.063	120.938	765.9	LV	0.67	-32.05	237.10	98.4
735	3927.80	14135.53	63.250	122.125	790.0	C	0.80	-33.06	244.55	99.6
736	3926.69	14134.90	95.625	120.438	595.0	C	1.12	-24.94	184.41	96.0
737	3927.58	14133.69	98.563	121.750	568.0	C	1.14	-23.81	176.08	92.3
738	3926.58	14133.79	116.188	120.313	458.0	C	1.64	-19.22	142.15	91.1
739	3925.84	14133.36	125.125	119.188	402.0	C	1.56	-16.88	124.88	89.9
740	3925.11	14132.95	135.375	118.125	348.0	SH	1.50	-14.62	108.22	90.5
741	3925.80	14130.66	128.188	119.125	394.0	C	0.85	-16.54	122.41	89.6
742	3926.48	14130.49	115.125	120.125	465.0	C	0.81	-19.51	144.31	89.3
743	3927.08	14130.56	121.813	121.063	436.0	C	0.98	-18.30	135.37	89.9
744	3928.30	14130.70	119.875	122.813	458.0	C	1.02	-19.22	142.15	90.6
745	3928.29	14129.41	111.313	122.813	512.0	C	1.22	-21.48	158.81	93.2
746	3926.94	14128.64	59.188	120.813	755.0	C	1.41	-31.60	233.76	91.5
747	3927.68	14127.81	93.688	121.938	643.0	C	1.31	-26.94	199.21	102.5
748	3927.96	14127.04	74.313	122.313	744.0	C	1.40	-31.14	230.36	102.9
749	3929.36	14129.30	94.500	124.438	615.0	C	1.20	-25.77	190.58	95.1
750	3930.38	14128.61	54.063	125.938	840.0	C	2.13	-35.13	259.97	100.0

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
751	3929.03	14131.07	113.813	123.938	490.0	SH	1.14	-20.56	152.02	90.1
752	3930.23	14130.83	72.750	125.688	720.0	C	1.79	-30.15	222.96	94.3
753	3923.12	14137.89	141.000	115.188	394.0	C	1.07	-16.54	122.41	106.9
754	3920.97	14139.42	55.313	112.000	848.0	C	1.50	-35.47	262.44	115.0
755	3922.38	14140.71	113.313	114.063	590.0	C	1.04	-24.73	182.87	118.8
756	3922.76	14139.79	63.188	114.625	816.0	C	1.09	-34.14	252.57	112.8
757	3923.98	14140.31	50.625	116.438	887.0	C	1.46	-37.09	274.46	113.4
758	3924.52	14142.14	64.938	117.250	860.0	C	1.21	-35.96	266.14	121.0
759	3924.31	14143.52	71.375	116.938	842.0	C	0.97	-35.22	260.59	123.5
760	3924.66	14144.78	49.375	117.438	955.0	C	1.97	-39.91	295.43	125.9
761	3924.40	14146.31	78.625	117.063	812.0	C	2.39	-33.97	251.33	128.4
762	3923.51	14145.28	110.688	115.750	659.0	C	1.39	-27.61	204.15	129.0
763	3923.67	14146.36	121.250	116.000	612.0	C	1.03	-25.65	189.65	129.1
764	3923.20	14147.20	157.000	115.313	431.0	SH	1.33	-18.09	133.83	130.7
765	3922.88	14148.99	218.000	114.813	126.0	SH	2.20	-5.30	39.74	134.5
766	3922.71	14149.86	231.625	114.563	71.0	C	1.75	-2.99	22.77	136.4
767	3923.42	14149.40	225.125	115.625	100.0	C	1.75	-4.21	31.72	134.6
768	3924.25	14148.37	202.063	116.875	212.0	SH	2.17	-8.92	66.27	133.4
769	3924.72	14147.58	186.750	117.563	282.0	SH	2.28	-11.85	87.86	131.4
770	3925.44	14146.54	161.938	118.625	408.0	SH	1.83	-17.13	126.73	129.1
771	3926.03	14146.30	153.188	119.500	450.0	C	2.00	-18.88	139.69	128.2
772	3926.31	14145.36	138.063	119.875	523.0	C	2.07	-21.93	162.20	127.3
773	3923.68	14148.62	213.250	116.000	145.0	C	2.81	-6.10	45.60	134.0
774	3922.50	14150.70	235.000	114.250	46.0	SH	2.38	-1.94	15.06	136.9
775	3922.32	14151.52	241.563	114.000	27.0	SH	1.87	-1.14	9.20	138.6
776	3921.97	14152.28	245.125	113.500	18.0	C	1.82	-0.76	6.42	140.8
777	3921.36	14153.25	249.188	112.563	8.0	C	1.04	-0.34	3.34	141.8
778	3920.88	14154.92	251.750	111.875	2.0	SH	0.53	-0.08	1.49	142.5
779	3921.70	14154.40	251.563	113.063	5.0	C	0.65	-0.21	2.41	141.9
780	3922.45	14153.42	249.250	114.188	14.0	SH	1.11	-0.59	5.19	141.5
781	3923.03	14152.72	246.188	115.063	18.0	C	1.59	-0.76	6.42	139.7
782	3923.57	14151.43	242.375	115.875	34.0	SH	1.62	-1.43	11.36	138.3
783	3928.67	14145.61	190.875	123.375	248.0	C	3.17	-10.43	77.38	125.5
784	3929.33	14145.30	165.438	124.375	385.0	C	3.25	-16.17	119.64	126.2
785	3928.02	14146.53	200.813	122.438	200.0	C	3.57	-8.41	62.57	128.0
786	3927.79	14147.61	211.688	122.063	166.0	SH	3.81	-6.98	52.08	133.2
787	3928.91	14147.16	190.813	123.750	262.0	C	3.97	-11.01	81.70	129.9
788	3929.39	14146.58	178.250	124.438	326.0	C	4.05	-13.70	101.44	129.5
789	3927.21	14148.22	216.750	121.250	146.0	SH	3.04	-6.14	45.91	133.1
790	3927.06	14146.24	185.313	121.000	272.0	SH	3.30	-11.43	84.78	127.3
791	3927.38	14145.79	171.438	121.500	340.0	C	3.42	-14.28	105.76	126.7
792	3927.58	14145.09	129.688	121.750	575.0	C	1.77	-24.10	178.24	126.4
793	3926.88	14147.41	208.313	120.750	170.0	C	2.91	-7.15	53.32	129.5
794	3926.28	14148.74	221.500	119.875	122.0	C	2.77	-5.13	38.51	133.8
795	3925.61	14149.38	226.750	118.875	100.0	C	2.51	-4.21	31.72	135.0
796	3926.36	14150.11	212.813	120.000	160.0	C	3.66	-6.73	50.23	134.8
797	3925.36	14150.32	230.938	118.500	82.0	SH	2.51	-3.45	26.17	136.0
798	3925.15	14151.04	235.438	118.188	62.0	SH	2.54	-2.61	20.00	137.0
799	3924.45	14149.28	199.063	117.125	235.0	C	1.66	-9.88	73.37	133.3
800	3925.02	14149.30	214.563	118.000	158.0	C	2.30	-6.65	49.61	134.5
801	3924.35	14150.95	238.375	117.000	47.0	C	2.22	-1.98	15.37	137.3
802	3924.49	14151.83	230.125	117.188	103.0	C	2.03	-4.34	32.65	139.3
803	3924.92	14152.42	200.813	117.813	285.0	C	1.16	-11.98	88.79	142.8
804	3925.56	14152.84	226.625	118.813	132.0	C	1.93	-5.56	41.59	139.6
805	3925.72	14153.58	234.625	119.000	108.0	C	1.49	-4.55	34.19	141.5
806	3926.45	14153.38	235.250	120.125	90.0	C	2.79	-3.79	28.64	141.0
807	3926.19	14154.72	248.688	119.750	34.0	SH	1.35	-1.43	11.36	140.0
808	3927.11	14155.33	241.063	121.063	90.0	C	0.77	-3.79	28.64	140.4
809	3926.12	14155.88	255.250	119.625	15.0	C	0.76	-0.63	5.50	141.4
810	3925.40	14155.40	249.313	118.563	32.0	SH	1.15	-1.35	10.74	140.8
811	3924.78	14154.85	240.688	117.625	69.0	C	1.38	-2.91	22.16	141.0
812	3924.45	14154.10	228.313	117.125	125.0	C	1.98	-5.26	39.43	141.7
813	3926.66	14156.75	258.938	120.438	14.0	C	0.69	-0.59	5.19	143.8
814	3925.68	14157.16	252.250	119.000	45.0	SH	0.77	-1.90	14.75	144.9
815	3924.94	14156.30	224.000	117.875	175.0	C	0.74	-7.36	54.86	143.1
816	3926.90	14156.16	242.688	120.750	88.0	C	0.55	-3.70	28.02	141.4
817	3927.50	14156.85	262.250	121.688	15.0	C	0.57	-0.63	5.50	145.8
818	3931.52	14155.57	262.188	127.625	35.0	SH	0.65	-1.47	11.67	143.9
819	3930.50	14154.85	252.938	126.125	60.0	C	0.90	-2.53	19.38	141.8
820	3929.99	14154.08	246.750	125.313	76.0	C	1.39	-3.20	24.32	140.8
821	3929.44	14153.85	242.500	124.500	87.0	C	1.53	-3.66	27.71	139.9
822	3928.72	14153.30	235.938	123.438	114.0	C	2.01	-4.80	36.04	141.0
823	3928.64	14152.12	225.813	123.313	150.0	C	2.54	-6.31	47.15	139.4
824	3928.26	14151.21	202.625	122.750	258.0	C	2.51	-10.85	80.46	137.9
825	3928.90	14151.23	214.375	123.750	196.0	C	2.84	-8.24	61.34	137.4
826	3929.17	14150.34	196.563	124.125	275.0	B	3.26	-11.56	85.71	135.9
827	3930.05	14156.02	254.625	125.438	76.0	C	0.62	-3.20	24.32	146.5
828	3929.33	14155.82	242.250	124.375	122.0	SH	0.56	-5.13	38.51	144.0
829	3928.36	14155.55	256.438	122.938	23.0	C	0.93	-0.97	7.97	141.2
830	3927.83	14155.42	246.375	122.125	66.0	C	0.87	-2.78	21.23	140.3
831	3928.12	14154.32	243.688	122.563	64.0	SH	2.24	-2.70	20.61	140.4
832	3927.60	14153.17	225.750	121.813	148.0	C	2.50	-6.23	46.53	140.4
833	3927.27	14152.47	215.250	121.313	200.0	C	2.09	-8.41	62.57	139.5
834	3927.18	14151.43	180.500	121.188	365.0	B	2.29	-15.33	113.47	137.8
835	3927.12	14151.54	189.688	121.125	330.0	C	2.37	-13.86	102.67	140.5
836	3928.38	14156.78	264.625	122.938	7.0	C	0.72	-0.30	3.03	145.7
837	3928.68	14158.20	272.250	123.375	4.2	BM1	0.73	-0.18	2.17	152.3
838	3928.66	14159.16	274.750	123.375	2.0	SL	0.61	-0.08	1.49	154.1
839	3928.92	14200.60	240.563	123.750	161.0	SH	1.45	-6.77	50.54	152.5
840	3929.94	14200.66	269.688	125.250	21.0	C	2.34	-0.89	7.35	155.4
841	3930.70	14201.79	238.250	126.375	175.0	C	1.58	-7.36	54.86	150.6
842	3931.00	14201.99	255.500	126.813	88.0	SH	1.24	-3.70	28.02	149.6
843	3931.52	14200.89	254.625	127.625	106.0	C	2.18	-4.46	33.57	154.2
844	3931.72	14202.02	268.000	127.875	28.0	C	1.11	-1.18	9.51	149.2
845	3931.80	14203.30	270.750	128.000	2.5	SL	1.25	-0.11	1.64	147.1
846	3932.10	14202.50	249.313	128.438	120.0	C	0.77	-5.05	37.89	146.9
847	3932.70	14202.18	246.563	129.375	139.0	C	0.79	-5.85	43.75	147.1
848	3934.33	14201.85	273.750	131.750	3.0	SL	0.93	-0.13	1.80	145.7
849	3933.58	14201.52	270.375	130.625	28.0	C	1.14	-1.18	9.51	148.9
850	3929.45	14158.00	266.938	124.563	37.0	C	0.96	-1.56	12.29	152.9

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
851	3926.73	14158.48	261.563	120.500	34.7	BMu	0.81	-1.46	11.58	150.6
852	3926.00	14159.86	231.750	119.438	190.0	C	1.28	-7.99	59.48	153.5
853	3926.88	14159.89	268.000	120.750	33.0	C	0.72	-1.39	11.05	156.1
854	3926.53	14200.47	275.563	120.250	2.0	SL	0.79	-0.08	1.49	158.5
855	3927.48	14200.73	270.000	121.625	25.0	C	0.99	-1.05	8.58	156.4
856	3927.20	14201.60	223.125	121.188	246.0	SH	1.21	-10.34	76.76	153.6
857	3927.16	14201.32	248.000	121.125	125.0	C	2.96	-5.26	39.43	159.7
858	3927.25	14203.10	270.250	121.313	1.5	SL	1.68	-0.06	1.33	154.2
859	3926.69	14202.40	234.813	120.438	180.0	C	1.60	-7.57	56.40	154.0
860	3926.34	14201.78	225.375	119.938	236.0	C	1.28	-9.92	73.67	155.3
861	3928.29	14201.93	244.625	122.813	125.0	SL	2.27	-5.26	39.43	152.4
862	3928.70	14202.36	244.313	123.438	115.0	C	2.38	-4.84	36.35	149.6
863	3928.68	14202.93	231.938	123.375	175.0	C	3.02	-7.36	54.86	150.4
864	3928.37	14203.08	229.563	122.938	190.0	C	2.31	-7.99	59.48	149.7
865	3927.90	14202.39	154.500	122.250	508.5	S	6.53	-21.33	157.73	149.1
866	3925.68	14200.84	273.688	119.000	12.0	C	0.80	-0.51	4.57	159.8
867	3925.32	14201.42	267.875	118.438	43.0	C	1.27	-1.81	14.14	161.7
868	3924.91	14201.99	256.313	117.813	92.0	C	1.46	-3.87	29.25	160.4
869	3924.60	14159.74	254.313	117.375	82.0	C	0.68	-3.45	26.17	155.3
870	3925.45	14200.00	230.875	118.625	200.0	C	1.27	-8.41	62.57	155.2
871	3925.44	14158.52	261.813	118.625	26.6	BM1	0.58	-1.12	9.08	150.7
872	3924.65	14158.06	254.750	117.438	39.6	BM1	0.93	-1.67	13.09	148.1
873	3923.19	14156.75	250.313	115.250	27.4	BMu	0.80	-1.15	9.32	143.2
874	3922.75	14156.02	249.750	114.625	22.0	SH	1.10	-0.93	7.66	143.1
875	3923.22	14155.17	231.625	115.313	110.0	C	1.89	-4.63	34.81	143.6
876	3923.85	14155.29	147.250	116.250	504.0	S	3.94	-21.14	156.34	141.1
877	3922.09	14156.93	254.000	113.688	6.0	SH	0.50	-0.25	2.72	143.5
878	3922.35	14158.00	228.375	114.063	130.0	C	1.86	-5.47	40.98	145.0
879	3920.86	14156.61	235.375	111.813	92.0	SH	1.27	-3.87	29.25	145.3
880	3921.43	14156.56	235.000	112.688	90.0	SH	0.56	-3.79	28.64	142.1
881	3921.81	14155.98	241.188	113.250	55.6	BMu	0.81	-2.34	18.02	141.7
882	3920.88	14153.81	244.625	111.875	27.8	BM1	1.05	-1.17	9.45	141.8
883	3919.65	14153.27	249.375	110.063	4.0	C	0.72	-0.17	2.10	142.8
884	3920.04	14152.18	244.250	110.625	13.0	SH	1.40	-0.55	4.88	140.7
885	3920.30	14151.18	240.688	111.000	27.0	C	1.47	-1.14	9.20	139.7
886	3920.41	14150.37	239.438	111.188	29.0	SH	1.44	-1.22	9.82	138.6
887	3919.95	14149.65	225.438	110.500	85.0	C	2.09	-3.58	27.09	138.0
888	3919.80	14148.51	193.313	110.250	230.0	C	3.56	-9.67	71.82	138.5
889	3921.35	14149.61	232.188	112.563	58.0	SH	1.93	-2.44	18.76	137.0
890	3921.16	14148.50	226.625	112.250	78.0	C	2.20	-3.28	24.93	136.3
891	3920.88	14147.23	217.063	111.875	125.0	C	2.48	-5.26	39.43	137.1
892	3921.48	14145.26	195.563	112.750	210.0	C	2.20	-8.83	65.65	130.7
893	3922.80	14145.30	129.750	114.688	558.0	C	1.12	-23.40	173.00	128.5
894	3922.02	14145.91	175.750	113.563	325.0	C	1.27	-13.65	101.13	130.2
895	3922.42	14146.92	179.563	114.125	325.0	C	1.38	-13.65	101.13	133.7
896	3921.52	14147.31	184.875	112.813	305.0	B	1.87	-12.82	94.96	137.7
897	3921.38	14146.37	212.750	112.625	154.0	C	1.98	-6.48	48.38	136.5
898	3920.68	14145.58	193.625	111.563	214.0	C	2.89	-9.00	66.89	132.6
899	3919.69	14144.22	154.375	110.125	380.0	C	3.42	-15.96	118.09	128.8
900	3919.79	14144.79	168.813	110.250	324.0	SH	3.07	-13.61	100.82	131.2
901	3920.32	14146.77	192.938	111.063	220.0	C	3.27	-9.25	68.74	134.6
902	3919.63	14146.40	157.375	110.000	410.0	C	3.03	-17.21	127.35	136.8
903	3919.40	14152.43	242.938	109.688	16.0	C	1.48	-0.67	5.81	141.1
904	3918.70	14151.39	227.563	108.625	78.0	C	1.85	-3.28	24.93	139.9
905	3919.00	14150.58	217.063	109.063	138.0	C	1.64	-5.81	43.44	140.2
906	3918.86	14149.89	200.188	108.875	200.0	C	2.45	-8.41	62.57	137.9
907	3918.96	14153.21	242.313	109.000	31.8	BM1	1.00	-1.34	10.68	142.9
908	3918.33	14153.63	247.438	108.125	1.9	BM1	1.00	-0.08	1.46	143.2
909	3917.40	14151.74	236.375	106.750	33.6	BMu	1.84	-1.42	11.24	141.9
910	3917.92	14152.77	243.625	107.500	10.7	BM1	1.60	-0.45	4.17	143.3
911	3917.73	14150.68	218.188	107.250	109.0	C	2.52	-4.59	34.50	139.9
912	3918.39	14154.69	248.750	108.188	3.0	SL	0.80	-0.13	1.80	144.0
913	3918.25	14155.28	229.688	108.000	100.0	C	1.17	-4.21	31.72	144.9
914	3918.61	14155.48	226.438	108.500	128.0	C	0.74	-5.39	40.36	145.6
915	3918.55	14156.51	216.500	108.438	156.0	C	1.80	-6.56	49.00	143.7
916	3918.86	14156.84	242.375	108.875	46.0	C	0.81	-1.94	15.06	145.2
917	3919.02	14157.54	243.563	109.125	47.0	C	0.92	-1.98	15.37	146.7
918	3918.74	14158.40	226.625	108.688	120.0	C	2.17	-5.05	37.89	147.2
919	3919.83	14158.38	241.688	110.313	76.0	C	0.71	-3.20	24.32	148.6
920	3919.90	14157.49	243.438	110.438	54.0	C	0.79	-2.27	17.53	146.2
921	3919.44	14156.67	240.688	109.750	54.0	SH	0.67	-2.27	17.53	143.9
922	3919.77	14155.74	238.750	110.250	56.0	C	0.78	-2.36	18.15	142.1
923	3919.22	14155.15	250.000	109.438	3.0	SL	0.55	-0.13	1.80	143.4
924	3919.72	14154.12	248.875	110.188	3.0	SL	0.53	-0.13	1.80	141.5
925	3917.78	14153.84	247.875	107.313	3.0	SL	0.92	-0.13	1.80	144.3
926	3917.55	14154.63	230.063	106.938	96.0	C	1.36	-4.04	30.49	146.0
927	3916.98	14154.38	237.375	106.125	45.0	C	1.51	-1.90	14.75	144.8
928	3916.84	14155.36	224.063	105.875	138.0	C	1.34	-5.81	43.44	149.2
929	3915.95	14155.79	224.000	104.563	128.0	C	1.70	-5.39	40.36	149.2
930	3916.18	14154.42	247.813	104.938	2.5	SL	0.88	-0.11	1.64	146.3
931	3940.33	14135.49	155.750	140.625	440.0	C	3.11	-18.47	136.60	110.7
932	3940.92	14135.03	143.250	141.500	503.0	C	3.22	-21.10	156.03	110.0
933	3941.77	14135.04	121.750	142.750	635.0	C	2.80	-26.61	196.74	112.1
934	3937.86	14158.53	274.500	137.000	2.5	SL	0.36	-0.11	1.64	139.7
935	3936.88	14157.90	268.000	135.563	34.4	BM1	0.43	-1.45	11.48	141.0
936	3935.95	14158.61	271.938	134.188	10.0	C	0.81	-0.42	3.96	142.6
937	3936.02	14200.51	233.813	134.250	215.0	C	0.84	-9.04	67.20	144.4
938	3936.43	14200.29	217.000	134.875	282.0	SH	1.69	-11.85	87.86	142.4
939	3937.06	14200.52	170.938	135.813	455.9	TPN	6.21	-19.13	141.51	141.4
940	3936.71	14200.12	204.625	135.313	333.0	C	2.49	-13.99	103.60	141.8
941	3936.18	14201.36	269.875	134.500	38.0	C	0.75	-1.60	12.59	145.4
942	3936.76	14201.35	270.250	135.375	25.0	C	0.92	-1.05	8.58	142.9
943	3937.48	14201.15	257.313	136.438	98.0	C	0.71	-4.13	31.10	142.5
944	3938.16	14200.52	277.938	137.438	1.5	SL	0.78	-0.06	1.33	143.5
945	3937.96	14201.59	278.063	137.125	0.8	SL	0.70	-0.03	1.12	143.6
946	3938.45	14201.68	278.375	137.875	0.8	SL	1.00	-0.03	1.12	143.9
947	3939.10	14201.70	271.000	138.813	44.0	SH	1.18	-1.85	14.44	144.0
948	3938.78	14201.35	265.500	138.375	75.0	C	0.64	-3.16	24.01	143.9
949	3939.12	14201.25	280.688	138.875	0.6	SL	0.52	-0.03	1.06	143.8
950	3934.99	14157.31	271.063	132.750	0.0	SL	0.64	0.00	0.87	140.8

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
951	3935.37	14158.87	252.625	133.313	95.0	C	0.82	-4.00	30.18	140.8
952	3934.99	14159.39	236.438	132.750	187.0	C	1.07	-7.87	58.56	143.9
953	3934.83	14200.20	241.750	132.500	162.0	C	1.02	-6.82	50.85	144.3
954	3935.36	14200.58	258.938	133.313	84.0	C	0.88	-3.54	26.78	145.1
955	3935.08	14201.32	256.188	132.875	103.0	C	0.65	-4.34	32.65	145.8
956	3935.76	14201.93	276.375	133.875	1.7	SL	0.52	-0.07	1.39	144.8
957	3934.12	14201.08	263.500	131.438	57.0	C	1.03	-2.40	18.46	146.6
958	3933.90	14200.80	250.250	131.125	128.0	C	1.08	-5.39	40.36	147.7
959	3933.84	14200.29	242.063	131.063	160.0	C	1.59	-6.73	50.23	147.2
960	3933.56	14159.89	230.563	130.625	223.0	C	1.82	-9.38	69.66	149.1
961	3933.17	14202.36	218.563	130.063	274.0	C	1.72	-11.52	85.40	147.1
962	3933.66	14202.48	259.938	130.750	70.0	C	1.77	-2.95	22.47	148.1
963	3934.18	14202.41	273.500	131.563	0.5	SL	1.12	-0.02	1.02	145.6
964	3933.33	14201.70	264.563	130.250	49.0	C	1.42	-2.06	15.99	148.3
965	3931.93	14203.78	257.500	128.188	65.0	B	1.65	-2.74	20.92	146.6
966	3932.06	14204.05	259.875	128.375	58.0	SH	1.50	-2.44	18.76	146.8
967	3932.32	14204.02	255.938	128.813	60.0	B	2.55	-2.53	19.38	145.9
968	3932.32	14204.28	260.313	128.813	56.0	SH	1.65	-2.36	18.15	146.7
969	3932.63	14204.49	266.000	129.250	25.0	C	1.27	-1.05	8.58	144.8
970	3932.59	14204.37	270.000	129.188	0.8	SL	1.60	-0.03	1.12	145.5
971	3932.97	14204.17	262.250	129.750	40.0	C	1.69	-1.69	13.21	145.1
972	3933.24	14204.29	264.500	130.125	40.0	C	1.25	-1.69	13.21	145.6
973	3933.41	14204.11	256.938	130.375	75.0	B	1.31	-3.16	24.01	144.8
974	3933.46	14203.68	270.250	130.500	0.5	SL	2.02	-0.02	1.02	145.8
975	3933.15	14201.09	260.563	130.000	69.0	C	1.46	-2.91	22.16	148.6
976	3932.94	14200.89	254.688	129.688	98.0	C	1.73	-4.13	31.10	149.4
977	3932.74	14200.49	246.813	129.438	136.0	C	1.97	-5.72	42.83	149.9
978	3932.55	14200.03	242.750	129.125	165.0	C	1.96	-6.94	51.77	151.8
979	3932.60	14200.31	245.500	129.188	148.0	C	1.85	-6.23	46.53	150.9
980	3932.26	14203.06	259.813	128.688	58.0	C	2.24	-2.44	18.76	148.9
981	3932.63	14202.84	252.000	129.250	104.0	C	1.74	-4.38	32.95	148.2
982	3931.30	14201.70	269.125	127.250	26.0	C	1.25	-1.10	8.89	150.9
983	3930.41	14201.77	240.438	125.938	153.0	C	1.88	-6.44	48.07	149.6
984	3930.02	14201.34	258.000	125.375	97.0	C	1.43	-4.08	30.80	155.8
985	3929.88	14201.39	265.625	125.188	54.0	SH	1.33	-2.27	17.53	154.9
986	3929.46	14200.64	243.375	124.563	152.0	C	1.81	-6.40	47.76	153.8
987	3928.72	14200.40	248.750	123.438	115.0	C	1.34	-4.84	36.35	151.8
988	3928.84	14159.90	272.500	123.625	7.0	C	0.99	-0.30	3.03	153.6
989	3930.69	14157.07	259.938	126.375	73.7	BM1	0.94	-3.10	23.61	151.3
990	3930.65	14158.12	243.125	126.313	164.0	C	1.12	-6.90	51.46	152.6
991	3932.15	14158.70	112.625	128.563	731.4	TP1	7.87	-30.62	226.48	149.3
992	3931.27	14158.75	184.750	127.250	450.0	C	2.43	-18.88	139.69	152.8
993	3926.30	14159.15	270.063	119.875	5.0	C	0.62	-0.21	2.41	153.5
994	3925.52	14158.97	269.813	118.750	2.0	SH	0.53	-0.08	1.49	153.6
995	3924.52	14159.10	268.500	117.250	0.5	SL	0.50	-0.02	1.02	153.3
996	3926.47	14201.29	251.750	120.125	120.0	C	0.95	-5.05	37.89	158.1
997	3925.14	14202.27	231.563	118.188	205.0	C	2.84	-8.62	64.11	160.7
998	3925.30	14202.35	227.500	118.375	215.0	C	2.80	-9.04	67.20	158.3
999	3925.56	14202.52	224.375	118.813	230.0	C	2.94	-9.67	71.82	158.1
1000	3926.73	14158.48	261.688	120.500	34.7	BM1	0.81	-1.46	11.58	150.7

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1001	3919.82	14157.90	238.750	110.313	81.0	C	0.85	-3.41	25.86	147.0
1002	3919.92	14158.90	226.500	110.438	146.0	SH	2.11	-6.14	45.91	150.2
1003	3920.24	14159.10	233.625	110.938	116.0	SH	1.77	-4.88	36.66	150.1
1004	3920.77	14159.95	263.688	111.688	3.5	SL	0.64	-0.15	1.95	154.5
1005	3920.80	14159.88	247.313	111.750	65.0	C	1.52	-2.74	20.92	152.0
1006	3920.51	14159.39	241.063	111.313	97.0	C	1.26	-4.08	30.80	152.1
1007	3940.18	14119.92	122.813	140.438	541.0	C	1.12	-22.69	167.75	92.6
1008	3940.27	14116.15	178.813	140.563	245.0	C	1.59	-10.30	76.45	91.5
1009	3915.97	14150.08	234.688	104.625	29.0	C	1.73	-1.22	9.82	141.1
1010	3916.23	14149.51	230.500	105.000	53.0	C	2.01	-2.23	17.22	142.1
1011	3916.95	14148.75	223.875	106.063	84.0	SH	2.93	-3.54	26.78	142.9
1012	3916.73	14148.10	192.875	105.750	245.0	B	2.19	-10.30	76.45	141.8
1013	3917.46	14147.98	214.063	106.813	130.0	C	2.83	-5.47	40.98	141.1
1014	3917.59	14146.55	182.750	107.000	268.0	C	3.63	-11.26	83.55	138.8
1015	3917.04	14146.44	158.750	106.188	395.0	B	3.04	-16.58	122.72	139.0
1016	3917.42	14145.60	141.375	106.750	480.0	B	3.06	-20.14	148.94	137.9
1017	3917.36	14145.90	159.188	106.688	383.0	B	3.41	-16.08	119.02	137.6
1018	3917.73	14147.28	198.938	107.250	187.0	B	3.56	-7.87	58.56	138.7
1019	3918.02	14146.55	173.563	107.625	315.0	B	3.42	-13.23	98.04	137.7
1020	3918.48	14146.30	150.688	108.313	435.0	B	3.23	-18.26	135.06	137.2
1021	3937.95	14146.88	239.625	137.125	81.0	SH	2.59	-3.41	25.86	126.1
1022	3938.59	14147.02	220.125	138.063	200.0	C	1.89	-8.41	62.57	127.1
1023	3938.62	14147.06	218.375	138.125	215.0	C	1.67	-9.04	67.20	127.7
1024	3939.41	14147.53	159.125	139.313	540.0	C	1.44	-22.64	167.44	130.6
1025	3939.10	14146.15	213.875	138.813	234.0	SH	2.45	-9.84	73.06	128.3
1026	3940.11	14145.69	188.750	140.313	375.0	C	1.94	-15.75	116.55	128.0
1027	3940.60	14145.41	178.313	141.063	436.0	C	1.85	-18.30	135.37	128.7
1028	3941.50	14146.90	114.813	142.375	784.3	LV	1.46	-32.82	242.80	131.4
1029	3941.29	14146.06	155.500	142.063	570.0	C	1.58	-23.90	176.70	130.5
1030	3937.70	14149.22	235.688	136.750	116.0	C	2.12	-4.88	36.66	128.1
1031	3937.88	14149.10	224.625	137.000	175.0	B	1.68	-7.36	54.86	127.2
1032	3937.20	14150.12	253.063	136.000	30.0	C	1.99	-1.26	10.13	129.1
1033	3938.15	14149.73	249.125	137.438	52.0	C	2.43	-2.19	16.91	129.2
1034	3938.38	14149.32	244.313	137.750	77.0	C	2.69	-3.24	24.63	129.7
1035	3938.72	14148.92	238.125	138.250	122.0	C	2.29	-5.13	38.51	130.7
1036	3938.95	14148.12	209.750	138.625	268.0	B	1.97	-11.26	83.55	129.8
1037	3939.02	14148.51	225.125	138.688	188.0	C	2.32	-7.91	58.87	130.3
1038	3937.07	14151.02	252.938	135.813	35.0	C	2.02	-1.47	11.67	130.2
1039	3936.48	14150.32	236.875	134.938	110.0	C	2.48	-4.63	34.81	130.9
1040	3936.43	14149.96	228.000	134.875	150.0	C	2.36	-6.31	47.15	129.7
1041	3937.14	14152.22	254.625	135.938	30.0	C	1.68	-1.26	10.13	129.9
1042	3936.65	14151.95	244.125	135.188	90.0	C	1.27	-3.79	28.64	130.8
1043	3938.55	14151.65	223.625	138.000	215.0	C	1.70	-9.04	67.20	133.1
1044	3937.97	14151.72	251.750	137.125	50.0	C	1.72	-2.11	16.30	129.8
1045	3937.75	14153.02	261.438	136.813	15.6	BMu	1.02	-0.66	5.68	131.2
1046	3937.86	14153.88	264.375	137.000	17.0	C	0.79	-0.72	6.12	133.7
1047	3936.97	14154.37	265.375	135.688	17.0	C	0.58	-0.72	6.12	135.4
1048	3933.65	14153.92	232.063	130.750	150.0	C	1.54	-6.31	47.15	135.6
1049	3934.12	14155.71	263.750	131.438	24.0	SH	0.69	-1.01	8.27	139.6
1050	3933.85	14157.56	258.250	131.063	74.0	SH	1.29	-3.12	23.70	145.9

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1051	3932.48	14159.10	213.188	129.000	320.0	C	2.08	-13.44	99.59	153.1
1052	3932.64	14158.83	178.063	129.250	488.0	C	2.07	-20.47	151.41	150.7
1053	3931.35	14153.10	244.625	127.375	80.0	C	2.41	-3.37	25.55	140.2
1054	3930.24	14150.23	200.688	125.688	250.0	C	3.61	-10.51	77.99	134.5
1055	3930.14	14149.42	185.188	125.563	316.0	C	3.93	-13.28	98.35	132.9
1056	3930.18	14148.75	169.625	125.625	405.0	C	3.40	-17.00	125.81	133.4
1057	3934.66	14152.92	234.063	132.250	125.0	C	2.06	-5.26	39.43	132.6
1058	3935.16	14150.58	220.625	133.000	190.0	C	1.86	-7.99	59.48	130.7
1059	3935.41	14149.86	196.438	133.375	315.0	C	1.86	-13.23	98.04	130.7
1060	3934.50	14150.31	229.813	132.000	134.0	SH	2.39	-5.64	42.21	131.3
1061	3934.15	14147.70	180.188	131.500	369.0	SH	3.08	-15.50	114.70	130.2
1062	3934.28	14146.97	148.875	131.688	525.0	C	2.90	-22.02	162.82	128.9
1063	3933.86	14149.54	185.500	131.063	387.0	C	1.11	-16.25	120.25	134.2
1064	3933.45	14148.96	201.625	130.438	276.0	C	2.88	-11.60	86.01	133.8
1065	3931.58	14145.12	9.125	127.688	1160.3	TP	5.21	-48.40	358.74	124.8
1066	3932.70	14145.39	55.000	129.375	975.0	C	2.95	-40.73	301.60	126.3
1067	3932.68	14146.10	104.625	129.313	745.0	C	2.07	-31.19	230.67	128.2
1068	3933.16	14151.10	193.313	130.000	330.0	B	1.22	-13.86	102.67	132.1
1069	3931.98	14150.55	211.500	128.313	226.0	SH	3.21	-9.50	70.59	137.0
1070	3931.45	14149.41	176.625	127.500	380.0	B	3.34	-15.96	118.09	133.4
1071	3931.38	14148.98	165.063	127.375	430.0	B	3.82	-18.05	133.52	133.1
1072	3931.83	14150.22	203.563	128.063	265.0	C	2.84	-11.14	82.62	135.9
1073	3932.52	14149.88	213.688	129.063	208.0	SH	2.78	-8.75	65.04	133.6
1074	3932.30	14147.29	169.563	128.750	405.0	B	3.57	-17.00	125.81	130.7
1075	3932.35	14147.95	185.563	128.813	320.0	SH	3.73	-13.44	99.59	130.3
1076	3932.98	14145.47	28.250	129.750	1063.8	TP3	6.47	-44.41	328.98	126.1
1077	3933.01	14146.19	43.063	129.813	1006.0	SH	5.96	-42.02	311.16	128.0
1078	3932.24	14145.43	24.563	128.688	1086.0	SH	5.59	-45.33	335.83	125.5
1079	3938.50	14144.48	221.625	137.938	155.0	C	3.30	-6.52	48.69	123.7
1080	3937.98	14142.31	168.813	137.188	410.0	B	4.43	-17.21	127.35	124.9
1081	3938.18	14141.62	130.438	137.438	620.0	B	2.92	-25.98	192.12	123.5
1082	3937.29	14142.30	154.875	136.125	505.0	C	2.42	-21.18	156.65	125.3
1083	3937.32	14141.05	121.063	136.188	660.0	C	1.94	-27.65	204.46	120.7
1084	3937.62	14140.57	96.125	136.625	785.0	C	1.39	-32.85	243.01	118.5
1085	3936.60	14142.03	185.688	135.125	310.0	C	3.29	-13.03	96.50	121.1
1086	3936.77	14141.46	164.750	135.375	415.0	B	3.10	-17.42	128.89	120.0
1087	3938.78	14143.02	192.750	138.375	305.0	C	3.41	-12.82	94.96	124.2
1088	3939.23	14142.50	180.563	139.000	360.0	C	4.83	-15.12	111.92	126.0
1089	3939.67	14141.97	163.063	139.688	460.0	C	3.53	-19.30	142.77	124.0
1090	3939.85	14141.32	144.875	139.938	560.0	C	3.12	-23.48	173.61	124.2
1091	3940.20	14140.73	123.688	140.438	675.0	C	2.83	-28.27	209.08	124.3
1092	3939.36	14141.23	139.000	139.188	580.0	C	2.84	-24.31	179.78	122.2
1093	3934.17	14151.55	235.125	131.500	115.0	C	2.52	-4.84	36.35	133.7
1094	3933.75	14151.51	228.875	130.938	140.0	C	2.69	-5.89	44.06	133.4
1095	3935.85	14140.08	134.000	134.000	530.0	C	2.72	-22.23	164.36	112.2
1096	3936.00	14140.20	107.438	134.250	665.0	C	4.32	-27.86	206.00	116.3
1097	3935.25	14144.86	220.625	133.125	148.0	C	3.03	-6.23	46.53	125.5
1098	3934.64	14145.02	204.000	132.250	230.0	C	2.55	-9.67	71.82	124.6
1099	3934.09	14144.51	176.688	131.438	360.0	C	3.12	-15.12	111.92	125.1
1100	3933.71	14144.50	161.313	130.875	440.0	C	2.72	-18.47	136.60	125.0
1101	3933.48	14144.50	149.250	130.500	500.0	C	3.02	-20.97	155.11	125.9
1102	3933.60	14144.78	125.000	130.688	650.0	C	2.42	-27.23	201.37	129.4
1103	3933.25	14144.62	132.750	130.188	582.0	C	2.61	-24.40	180.40	124.8
1104	3932.78	14144.89	102.563	129.500	736.0	C	2.20	-30.81	227.90	124.5
1105	3932.21	14144.67	63.750	128.625	925.0	C	2.03	-38.66	286.18	123.4
1106	3936.45	14144.95	202.500	134.875	240.0	C	3.45	-10.09	74.91	124.7
1107	3935.90	14144.94	223.125	134.063	116.0	C	4.75	-4.88	36.66	125.3
1108	3918.70	14146.80	101.875	108.625	685.0	B	2.55	-28.69	212.17	135.5
1109	3923.33	14144.68	109.688	115.500	658.0	C	1.10	-27.56	203.84	127.3
1110	3922.32	14143.00	141.000	114.000	478.0	C	1.29	-20.06	148.32	125.1
1111	3915.90	14151.46	241.125	104.500	12.0	C	1.28	-0.51	4.57	143.1
1112	3915.13	14148.30	227.875	103.375	52.0	SH	2.07	-2.19	16.91	141.0
1113	3915.04	14144.72	202.063	103.250	141.9	BMu	2.85	-5.97	44.65	135.1
1114	3915.72	14145.23	177.000	104.250	278.0	C	3.19	-11.68	86.63	136.7
1115	3915.02	14147.37	223.438	103.188	70.2	BMu	2.35	-2.96	22.53	141.0
1116	3944.07	14117.71	147.063	146.188	395.0	SH	1.62	-16.58	122.72	83.6
1117	3944.41	14116.79	154.688	146.688	347.0	SH	1.60	-14.58	107.91	81.2
1118	3944.17	14115.79	165.938	146.313	288.0	SH	1.89	-12.10	89.71	82.0
1119	3944.16	14118.55	137.438	146.313	445.0	C	2.35	-18.68	138.14	85.7
1120	3944.46	14119.35	130.188	146.750	496.0	C	1.34	-20.81	153.87	85.3
1121	3944.96	14118.74	113.938	147.500	595.0	C	0.76	-24.94	184.41	86.3
1122	3945.67	14119.07	92.875	148.563	708.0	C	0.47	-29.65	219.26	85.7
1123	3946.34	14118.55	104.438	149.563	652.0	SH	0.44	-27.31	201.99	85.1
1124	3945.97	14118.19	104.063	149.000	648.0	SH	0.41	-27.15	200.75	84.5
1125	3918.21	14146.95	123.938	107.938	560.0	B	2.86	-23.48	173.61	134.4
1126	3935.72	14140.96	205.688	133.813	190.0	C	2.81	-7.99	59.48	117.5
1127	3927.88	14117.24	191.438	122.250	150.0	C	0.62	-6.31	47.15	101.2
1128	3935.72	14140.95	205.750	133.813	190.0	C	2.83	-7.99	59.48	117.6
1129	3938.60	14158.10	270.250	138.063	45.8	L	0.45	-1.93	15.01	143.1
1130	3950.70	14142.34	239.688	156.000	209.0	SH	1.78	-8.79	65.35	130.3
1131	3951.18	14141.63	233.313	156.750	245.0	C	1.85	-10.30	76.45	130.4
1132	4002.49	14127.86	212.313	173.500	430.0	C	0.62	-18.05	133.51	125.8
1133	3955.27	14135.52	191.188	162.813	531.0	SH	0.94	-22.27	164.67	136.1
1134	3953.94	14134.84	184.063	160.813	490.0	C	2.06	-20.56	152.02	125.9
1135	3953.37	14136.44	211.125	160.000	371.0	SH	1.76	-15.58	115.32	129.6
1136	3949.79	14148.92	256.063	154.688	102.0	C	2.54	-4.29	32.34	129.0
1137	3949.50	14149.08	252.688	154.250	120.0	C	2.71	-5.05	37.89	130.1
1138	3949.01	14148.91	244.750	153.500	173.0	SH	2.26	-7.28	54.24	132.1
1139	3948.77	14148.04	226.500	153.188	290.0	C	1.38	-12.19	90.33	134.8
1140	3948.03	14147.71	218.625	152.063	329.0	SH	1.63	-13.82	102.36	136.3
1141	3947.98	14146.85	208.750	152.000	378.0	SH	1.41	-15.87	117.48	135.5
1142	3947.31	14145.20	178.875	151.000	530.0	C	1.15	-22.23	164.36	135.9
1143	3947.28	14148.64	164.875	150.938	600.0	C	1.77	-25.15	185.95	137.4
1144	3946.11	14148.44	194.313	149.188	440.0	C	1.26	-18.47	136.60	135.7
1145	3947.04	14149.47	220.938	150.563	304.0	SH	1.75	-12.77	94.65	135.5
1146	3947.89	14150.27	234.500	151.875	235.0	SH	1.65	-9.88	73.37	134.0
1147	3948.18	14151.95	254.875	152.250	135.0	SH	1.41	-5.68	42.52	133.6
1148	3948.50	14152.07	259.625	152.750	114.0	SH	1.35	-4.80	36.04	133.6
1149	3949.21	14152.03	265.625	153.813	85.0	C	1.25	-3.58	27.09	132.6
1150	3949.65	14158.67	299.813	154.500	15.0	BM	1.05	-0.63	5.50	151.9

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1151	3949.51	14156.64	266.625	154.250	171.0	SH	0.56	-7.19	53.62	148.1
1152	3949.63	14157.23	269.375	154.438	166.0	SH	0.82	-6.98	52.08	150.4
1153	3948.58	14156.85	265.188	152.875	180.0	C	0.57	-7.57	56.40	149.8
1154	3948.07	14157.50	296.625	152.125	19.0	SH	1.53	-0.80	6.73	153.1
1155	3948.03	14158.42	280.750	152.063	118.4	BM	0.50	-4.98	37.40	153.9
1156	3947.07	14157.88	268.375	150.625	173.6	BM	0.66	-7.30	54.43	154.2
1157	3947.13	14159.19	298.750	150.750	10.0	C	1.06	-0.42	3.96	153.5
1158	3947.30	14158.56	274.938	151.000	143.0	C	0.56	-6.02	44.99	154.1
1159	3945.52	14158.14	269.813	148.313	143.9	BM	0.56	-6.06	45.26	151.8
1160	3946.00	14157.91	259.938	149.063	200.2	BM	0.69	-8.42	62.62	152.7
1161	3946.33	14157.81	260.375	149.563	208.0	C	0.69	-8.75	65.04	154.1
1162	3946.32	14156.17	204.063	149.500	470.0	C	1.57	-19.72	145.85	151.6
1163	3946.89	14156.55	206.063	150.375	445.0	SH	2.45	-18.68	138.14	150.3
1164	3946.47	14156.49	199.813	149.750	480.0	C	2.28	-20.14	148.94	151.0
1165	3946.14	14155.42	186.438	149.250	518.0	C	2.99	-21.73	160.66	147.6
1166	3940.54	14158.78	264.000	140.938	102.6	TP	0.61	-4.32	32.52	145.4
1167	3940.91	14159.09	267.188	141.500	98.0	SH	0.85	-4.13	31.10	147.6
1168	3940.45	14157.60	260.750	140.813	113.9	BM	0.48	-4.79	36.01	144.2
1169	3940.91	14157.55	275.063	141.500	39.0	SH	0.87	-1.64	12.90	144.3
1170	3941.48	14157.24	270.875	142.375	67.9	BM	0.84	-2.86	21.82	144.8
1171	3941.66	14157.75	262.750	142.625	116.4	TP	0.49	-4.90	36.78	145.0
1172	3942.05	14157.74	279.250	143.188	46.0	SH	0.67	-1.94	15.06	147.6
1173	3941.87	14158.48	285.625	142.938	10.0	C	0.65	-0.42	3.96	147.1
1174	3942.26	14157.96	271.063	143.500	87.5	BM	0.47	-3.68	27.86	146.7
1175	3942.48	14158.60	268.938	143.813	99.0	SH	0.53	-4.17	31.41	146.6
1176	3942.48	14159.16	270.938	143.813	86.0	SH	0.77	-3.62	27.40	146.5
1177	3943.33	14159.11	269.688	145.063	104.0	SH	1.23	-4.38	32.95	148.8
1178	3944.85	14159.06	277.313	147.375	86.0	SH	0.45	-3.62	27.40	148.7
1179	3944.66	14158.41	280.875	147.063	64.3	BM	0.50	-2.71	20.71	148.5
1180	3946.95	14147.40	99.563	150.438	903.0	SH	4.02	-37.75	279.40	138.3
1181	3945.87	14146.57	151.688	148.875	645.0	SH	1.50	-27.02	199.83	134.4
1182	3945.65	14145.90	146.125	148.500	679.0	SH	1.19	-28.44	210.31	135.1
1183	3945.49	14148.92	187.938	148.313	468.0	SH	1.08	-19.64	145.24	135.2
1184	3945.30	14147.67	158.938	148.000	615.0	C	1.66	-25.77	190.58	137.0
1185	3945.53	14149.70	205.688	148.375	370.0	C	1.23	-15.54	115.01	134.1
1186	3945.76	14150.39	215.188	148.688	326.0	SH	1.31	-13.70	101.44	134.8
1187	3945.45	14151.40	225.625	148.250	280.0	C	1.55	-11.77	87.25	137.3
1188	3945.32	14152.15	234.813	148.063	250.0	C	1.54	-10.51	77.99	140.7
1189	4009.57	14125.97	236.750	184.000	326.0	SH	0.55	-13.70	101.44	119.1
1190	4009.05	14125.96	235.125	183.250	332.0	SH	0.55	-13.95	103.29	119.4
1191	4008.54	14125.60	230.813	182.500	346.0	SH	0.54	-14.53	107.60	118.6
1192	4008.11	14125.90	227.000	181.875	369.0	SH	0.50	-15.50	114.70	119.8
1193	4006.89	14126.59	223.313	180.063	385.0	SH	0.63	-16.17	119.63	121.4
1194	4005.83	14127.57	210.813	178.500	470.0	C	0.51	-19.72	145.85	126.9
1195	4004.37	14127.60	209.938	176.313	459.0	SH	0.72	-19.26	142.46	126.6
1196	4004.81	14126.70	212.750	176.938	415.0	C	0.93	-17.42	128.89	120.6
1197	4003.63	14126.69	175.688	175.188	598.0	SH	0.51	-25.06	185.33	120.3
1198	4003.24	14126.66	189.500	174.625	518.0	SH	0.89	-21.73	160.66	119.9
1199	4002.58	14126.89	156.938	173.625	660.0	C	2.81	-27.65	204.45	121.5
1200	4003.15	14129.06	211.688	174.500	491.0	SH	0.96	-20.60	152.33	137.1
1201	4003.84	14127.82	203.750	175.500	490.0	SH	0.56	-20.56	152.02	126.9
1202	4005.31	14125.95	217.438	177.688	382.0	SH	0.89	-16.04	118.71	118.0
1203	4005.26	14125.28	216.750	177.625	366.0	SH	1.45	-15.37	113.77	115.7
1204	4004.85	14124.87	221.063	177.000	341.0	SH	1.17	-14.32	106.06	115.0
1205	4004.26	14124.70	215.563	176.125	354.0	SH	1.63	-14.87	110.07	114.2
1206	4003.08	14124.64	210.250	174.375	362.0	SH	1.54	-15.20	112.54	111.9
1207	4002.31	14124.21	199.813	173.250	403.0	SH	1.71	-16.92	125.19	111.1
1208	4001.51	14124.43	193.938	172.063	426.0	SH	2.32	-17.88	132.28	112.6
1209	4000.50	14124.23	187.688	170.563	450.0	SH	1.64	-18.88	139.68	110.7
1210	4000.22	14120.54	135.563	170.125	671.0	SH	0.31	-28.11	207.85	99.1
1211	4000.57	14119.09	153.563	170.688	565.0	C	0.56	-23.69	175.15	96.3
1212	4001.71	14118.58	172.750	172.375	478.0	C	0.58	-20.06	148.32	96.7
1213	4002.42	14119.09	174.125	173.438	490.0	SH	0.59	-20.56	152.02	99.4
1214	4001.91	14120.41	164.563	172.688	560.0	C	0.60	-23.48	173.61	104.5
1215	4001.50	14123.26	83.750	172.063	944.2	TP	3.75	-39.46	292.10	108.4
1216	4001.71	14122.61	115.313	172.375	825.0	C	0.99	-34.51	255.34	108.8
1217	4002.60	14117.66	182.563	173.688	431.0	SH	0.30	-18.09	133.82	95.2
1218	4003.15	14117.47	187.250	174.500	417.0	SH	0.34	-17.50	129.51	96.4
1219	4004.01	14117.67	194.813	175.750	394.0	SH	0.49	-16.54	122.41	98.6
1220	4003.44	14116.91	179.500	174.938	455.0	SH	0.17	-19.09	141.23	95.3
1221	4002.73	14116.21	184.063	173.875	417.0	SH	0.17	-17.50	129.51	93.5
1222	4003.46	14115.85	188.688	174.938	400.0	SH	0.17	-16.79	124.26	93.7
1223	4009.84	14125.31	224.125	184.438	386.0	SH	0.40	-16.21	119.94	117.4
1224	4009.73	14124.17	167.313	184.250	650.0	C	1.25	-27.23	201.37	115.1
1225	4009.46	14123.60	187.250	183.875	539.0	SH	0.55	-22.60	167.13	111.6
1226	4009.28	14122.58	204.438	183.563	450.0	C	0.75	-18.88	139.68	112.1
1227	4009.73	14120.26	249.375	184.250	193.0	SH	0.78	-8.12	60.41	106.0
1228	4009.19	14121.30	243.688	183.500	224.0	SH	1.98	-9.42	69.97	110.3
1229	4008.35	14121.03	236.250	182.250	243.0	SH	2.37	-10.22	75.83	108.9
1230	4007.67	14122.15	234.375	181.188	259.0	SH	1.86	-10.89	80.77	109.8
1231	4006.81	14121.08	206.938	179.938	380.0	C	1.10	-15.96	118.09	105.5
1232	4006.04	14120.89	183.063	178.750	495.0	C	0.75	-20.76	153.56	104.4
1233	4005.43	14120.93	154.875	177.875	630.0	C	0.57	-26.40	195.20	103.3
1234	4004.74	14121.87	172.438	176.875	550.0	C	0.80	-23.06	170.53	106.6
1235	4003.88	14123.42	186.313	175.563	472.0	SH	1.68	-19.80	146.47	108.8
1236	4003.28	14123.22	177.250	174.688	520.0	C	1.66	-21.81	161.27	110.0
1237	4003.68	14122.33	156.563	175.313	630.0	C	0.52	-26.40	195.20	107.4
1238	4003.63	14121.54	159.250	175.188	605.0	C	0.67	-25.36	187.49	105.7
1239	4001.82	14117.75	171.438	172.500	471.0	SH	0.23	-19.76	146.16	92.9
1240	4001.80	14117.17	171.688	172.500	467.0	TP	0.28	-19.60	144.93	92.5
1241	4000.49	14117.41	161.813	170.563	500.0	C	0.35	-20.97	155.11	91.3
1242	4000.82	14116.04	159.375	171.000	501.7	TP	0.53	-21.04	155.63	89.2
1243	4001.46	14115.35	173.688	172.000	438.0	SH	0.24	-18.38	135.98	89.2
1244	4008.33	14123.90	183.938	182.188	550.0	C	0.74	-23.06	170.53	112.7
1245	4008.73	14127.58	214.875	182.750	464.0	SH	0.35	-19.47	144.00	125.0
1246	4008.38	14129.12	217.563	182.250	479.0	SH	0.37	-20.10	148.63	131.3
1247	4009.20	14129.09	197.000	183.500	582.4	TP	0.88	-24.41	180.52	131.2
1248	4007.78	14128.73	197.875	181.375	564.0	SH	0.35	-23.65	174.84	129.1
1249	4007.21	14128.33	217.125	180.500	456.0	SH	0.45	-19.14	141.53	128.2
1250	4006.76	14128.45	218.875	179.875	447.0	SH	0.69	-18.76	138.76	129.5

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1251	4006.77	14129.05	217.000	179.875	465.0	C	0.89	-19.51	144.31	131.7
1252	4006.84	14129.58	215.313	180.000	487.0	SH	0.94	-20.43	151.10	134.4
1253	4006.58	14127.31	221.313	179.563	408.0	SH	0.49	-17.13	126.73	124.1
1254	4005.18	14129.36	110.500	177.500	970.6	TP	4.45	-40.55	300.24	136.8
1255	4005.48	14123.84	220.313	177.938	327.0	SH	1.63	-13.74	101.74	111.8
1256	4006.04	14123.18	224.125	178.813	308.0	SH	1.69	-12.94	95.88	111.2
1257	4007.29	14122.60	231.750	180.625	278.0	SH	1.63	-11.68	86.63	110.9
1258	4006.53	14125.51	197.375	179.500	490.0	C	0.72	-20.56	152.02	116.9
1259	4007.85	14125.48	210.688	181.500	437.0	SH	0.57	-18.34	135.67	117.4
1260	4008.94	14115.87	208.500	183.125	304.0	SH	0.57	-12.77	94.65	87.4
1261	4008.73	14115.12	175.125	182.750	445.6	TP	0.46	-18.70	138.33	82.0
1262	4009.74	14115.42	209.625	184.250	296.0	SH	0.38	-12.44	92.18	85.3
1263	4007.95	14115.03	178.688	181.625	446.7	TP	0.31	-18.75	138.67	86.5
1264	4008.25	14116.19	179.375	182.063	453.7	TP	0.39	-19.04	140.81	88.3
1265	4006.95	14115.12	176.188	180.125	455.0	C	0.23	-19.09	141.23	86.9
1266	4005.13	14115.26	185.938	177.438	413.4	BM	0.34	-17.36	128.40	91.5
1267	4004.75	14115.68	171.125	176.875	490.0	C	0.21	-20.56	152.02	92.0
1268	4005.17	14116.32	177.125	177.500	488.0	SH	0.27	-20.47	151.40	97.1
1269	4004.79	14117.09	196.813	176.938	402.0	SH	0.27	-16.88	124.88	100.4
1270	4005.42	14117.79	182.313	177.875	464.0	SH	0.67	-19.47	144.00	98.3
1271	4006.20	14116.86	169.063	179.000	509.2	TP	0.43	-21.36	157.94	92.1
1272	4006.27	14117.63	175.125	179.125	492.0	SH	0.39	-20.64	152.64	94.5
1273	4006.68	14119.24	220.750	179.750	282.0	SH	0.89	-11.85	87.86	99.6
1274	4007.08	14119.27	224.938	180.313	271.0	SH	0.98	-11.39	84.47	101.3
1275	4007.98	14119.10	223.375	181.688	285.0	SH	1.23	-11.98	88.79	101.8
1276	4008.86	14118.72	241.750	183.000	202.2	BM	0.69	-8.50	63.25	101.1
1277	4008.28	14117.99	232.625	182.125	242.9	BM	0.89	-10.21	75.80	101.4
1278	4005.51	14119.27	202.000	178.000	375.0	C	1.25	-15.75	116.55	101.8
1279	4002.18	14119.94	170.000	173.063	530.0	C	0.59	-22.23	164.36	103.5
1280	4001.69	14121.05	158.000	172.313	600.0	C	0.67	-25.15	185.95	106.3
1281	4001.51	14122.05	131.313	172.063	740.0	C	0.55	-30.98	229.13	107.2
1282	4001.72	14123.14	103.563	172.375	875.0	C	2.01	-36.59	270.76	109.7
1283	4001.67	14122.61	113.313	172.313	835.0	C	1.12	-34.93	258.42	109.2
1284	4003.28	14119.34	148.500	174.688	625.0	C	0.40	-26.19	193.66	98.6
1285	4003.44	14120.38	155.063	174.938	599.0	C	0.74	-25.11	185.64	100.7
1286	4004.90	14119.99	189.500	177.063	437.0	C	1.27	-18.34	135.67	102.5
1287	4004.42	14118.32	184.938	176.375	440.0	C	0.41	-18.47	136.60	96.9
1288	4000.14	14119.76	136.188	170.000	660.0	C	0.36	-27.65	204.45	97.8
1289	4004.42	14128.95	185.938	176.375	625.0	C	0.94	-26.19	193.66	135.8
1290	3941.35	14127.28	45.813	142.188	976.0	SH	0.77	-40.78	301.91	98.7
1291	3942.78	14126.94	68.750	144.250	860.0	C	1.58	-35.96	266.14	98.8
1292	3942.99	14127.37	52.063	144.563	950.0	C	1.38	-39.70	293.89	99.1
1293	3943.66	14126.49	79.500	145.563	802.0	SH	1.21	-33.56	248.25	95.8
1294	3940.25	14121.40	58.438	140.500	872.0	C	1.04	-36.46	269.84	93.2
1295	3940.76	14122.08	84.625	141.313	750.0	C	0.89	-31.39	232.21	94.1
1296	3941.34	14122.29	99.125	142.125	665.0	SH	1.39	-27.86	206.00	92.3
1297	3941.31	14123.40	81.063	142.125	758.0	C	1.91	-31.73	234.68	94.0
1298	3941.52	14121.66	106.375	142.438	624.0	SH	1.29	-26.15	193.35	90.9
1299	3941.99	14122.26	91.188	143.125	708.0	C	1.07	-29.65	219.26	91.0
1300	3942.39	14120.67	117.000	143.688	564.0	SH	1.62	-23.65	174.85	89.3
1301	3942.96	14120.26	122.438	144.563	525.0	C	1.38	-22.02	162.82	85.6
1302	3943.74	14120.20	129.250	145.688	498.0	C	1.31	-20.89	154.49	85.8
1303	3943.60	14119.51	132.625	145.500	480.0	C	1.39	-20.14	148.94	86.0
1304	3942.46	14118.30	149.063	143.813	398.0	C	1.47	-16.71	123.65	88.2
1305	3943.18	14118.01	111.188	144.875	600.0	C	0.80	-25.15	185.95	87.3
1306	3942.30	14117.41	158.375	143.563	360.0	C	1.41	-15.12	111.92	90.2
1307	3942.26	14116.71	161.438	143.500	338.0	SH	1.19	-14.20	105.14	88.3
1308	3942.89	14117.01	143.625	144.438	435.0	C	0.89	-18.26	135.06	87.9
1309	3943.40	14116.43	131.750	145.188	490.0	C	0.50	-20.56	152.02	85.0
1310	3942.76	14116.15	149.188	144.250	406.0	SH	0.70	-17.04	126.11	87.4
1311	3940.49	14127.30	28.813	140.875	1054.0	SH	1.22	-44.01	325.96	99.6
1312	3940.71	14127.78	7.000	141.188	1156.0	C	2.11	-48.22	357.41	100.1
1313	3942.14	14127.37	56.000	143.313	925.0	C	1.17	-38.66	286.18	98.7
1314	3943.19	14125.51	62.063	144.875	888.0	C	1.00	-37.13	274.77	95.5
1315	3942.88	14124.81	53.750	144.438	918.0	SH	1.15	-38.37	284.02	93.9
1316	3943.96	14124.58	15.625	146.000	1112.0	C	1.73	-46.40	343.84	94.2
1317	3944.20	14124.17	24.125	146.375	1068.0	SH	1.06	-44.58	330.28	91.8
1318	3944.97	14123.52	22.625	147.500	1065.0	C	1.30	-44.46	329.35	89.2
1319	3945.89	14123.30	43.813	148.875	970.0	C	0.78	-40.53	300.06	88.8
1320	3946.98	14123.71	67.813	150.500	873.0	C	0.75	-36.50	270.14	92.0
1321	3947.95	14123.59	46.938	151.938	966.0	SH	0.98	-40.36	298.82	88.7
1322	3948.26	14121.89	101.375	152.375	708.0	SH	0.49	-29.65	219.26	90.4
1323	3947.61	14121.48	98.750	151.438	707.0	SH	0.52	-29.61	218.95	88.7
1324	3947.62	14118.67	60.313	151.438	869.0	SH	1.21	-36.34	268.91	84.0
1325	3947.14	14117.63	100.438	150.750	673.0	SH	0.49	-28.19	208.46	84.2
1326	3946.31	14117.23	101.875	149.500	650.0	C	0.44	-27.23	201.37	82.2
1327	3948.47	14116.25	71.625	152.688	821.0	C	1.03	-34.34	254.11	84.1
1328	3943.28	14129.28	67.375	145.000	886.0	SH	1.97	-37.04	274.15	102.9
1329	3944.39	14129.47	111.688	146.688	660.0	C	2.60	-27.65	204.46	102.6
1330	3944.69	14128.61	101.750	147.125	715.0	SH	1.89	-29.94	221.42	101.2
1331	3944.06	14128.08	64.563	146.188	894.0	SH	1.62	-37.38	276.62	99.5
1332	3944.50	14127.45	90.688	146.813	754.0	SH	1.70	-31.56	233.45	97.6
1333	3943.72	14123.29	29.250	145.688	1028.0	SH	1.58	-42.93	317.94	91.2
1334	3943.04	14122.82	73.813	144.688	802.0	SH	1.22	-33.56	248.25	91.1
1335	3943.12	14121.69	107.375	144.750	618.0	SH	1.49	-25.90	191.50	88.9
1336	3944.23	14120.87	112.813	146.438	600.0	C	1.37	-25.15	185.95	88.8
1337	3944.80	14117.50	111.063	147.250	588.0	C	0.83	-24.65	182.25	82.5
1338	3945.42	14117.61	91.313	148.188	695.0	C	0.67	-29.11	215.25	82.5
1339	3946.73	14115.35	88.188	150.125	709.0	SH	1.17	-29.69	219.57	81.5
1340	3946.11	14125.13	26.063	149.188	1085.0	C	1.18	-45.29	335.52	94.6
1341	3946.45	14126.04	58.438	149.688	935.0	SH	1.14	-39.08	289.26	96.7
1342	3946.84	14127.22	83.125	150.313	825.0	SH	1.23	-34.51	255.34	99.3
1343	3947.24	14127.66	91.375	150.875	794.0	SH	1.05	-33.22	245.78	100.4
1344	3951.33	14130.52	81.500	156.938	948.0	SH	0.88	-39.62	293.27	114.4
1345	3952.63	14130.61	47.813	158.875	1118.2	TP3	2.31	-46.66	345.75	116.3
1346	3952.77	14129.61	53.563	159.063	1085.0	C	1.33	-45.29	335.52	112.6
1347	3950.13	14131.01	64.750	155.188	1004.6	TP3	2.19	-41.96	310.74	114.1
1348	3948.59	14131.86	39.688	152.875	1111.0	SH	3.07	-46.36	343.53	114.7
1349	3948.23	14131.56	32.625	152.375	1145.0	SH	3.29	-47.77	354.02	115.5
1350	3948.45	14130.47	12.813	152.688	1209.2	TP1	3.64	-50.42	373.81	109.0

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1351	3944.40	14123.64	43.250	146.688	966.0	SH	1.25	-40.36	298.82	91.0
1352	3945.23	14124.26	32.250	147.875	1038.0	SH	1.15	-43.34	321.03	92.7
1353	3947.59	14124.84	91.000	151.375	774.0	SH	1.00	-32.39	239.61	95.4
1354	3948.05	14125.25	94.500	152.063	767.0	SH	0.89	-32.10	237.45	96.5
1355	3948.83	14126.05	109.938	153.250	703.0	SH	0.85	-29.44	217.72	98.1
1356	3949.53	14125.82	118.000	154.250	670.0	C	0.90	-28.06	207.54	98.7
1357	3949.99	14124.32	121.813	154.938	655.0	C	0.43	-27.44	202.91	97.7
1358	3949.38	14123.19	113.500	154.063	674.0	SH	0.46	-28.23	208.77	94.1
1359	3949.46	14122.04	104.500	154.188	710.0	C	0.31	-29.73	219.88	91.6
1360	3949.74	14121.18	104.438	154.625	705.0	C	0.31	-29.52	218.33	90.2
1361	3949.87	14119.46	103.000	154.813	699.0	SH	0.31	-29.27	216.48	87.4
1362	3948.80	14118.26	97.750	153.188	704.0	SH	0.48	-29.48	218.02	85.2
1363	3949.60	14117.32	79.438	154.375	796.0	SH	0.79	-33.31	246.40	84.6
1364	3948.66	14118.50	94.938	153.000	715.0	C	0.48	-29.94	221.42	84.7
1365	3948.69	14118.92	97.625	153.063	705.0	SH	0.41	-29.52	218.33	85.2
1366	3948.19	14117.45	77.125	152.313	798.0	C	0.81	-33.39	247.01	84.8
1367	3947.66	14115.76	66.625	151.500	824.0	C	1.80	-34.47	255.03	82.9
1368	3950.45	14130.07	116.875	155.625	730.0	C	1.04	-30.56	226.04	108.5
1369	3952.11	14132.44	80.563	158.125	942.6	TP3	2.61	-39.39	291.61	115.9
1370	4001.08	14138.87	44.625	171.438	1262.7	TPx	7.42	-52.62	390.31	142.7
1371	3940.28	14120.28	105.750	140.563	629.0	SH	0.94	-26.36	194.89	92.2
1372	3940.85	14120.18	90.250	141.438	720.0	C	0.92	-30.15	222.96	93.8
1373	3941.13	14119.74	109.250	141.813	626.0	SH	0.90	-26.23	193.97	93.8
1374	3941.15	14118.75	138.750	141.875	472.0	C	1.23	-19.80	146.47	93.8
1375	3940.35	14119.18	105.125	140.688	652.0	C	0.80	-27.31	201.99	95.6
1376	3940.71	14118.90	121.438	141.188	565.0	C	0.84	-23.69	175.16	94.4
1377	3940.36	14117.23	169.313	140.688	301.0	SH	1.62	-12.65	93.73	92.9
1378	3940.96	14115.24	165.438	141.563	312.0	SH	0.68	-13.11	97.12	87.8
1379	3941.44	14115.49	148.000	142.313	400.0	C	0.50	-16.79	124.26	86.4
1380	3941.51	14116.05	148.063	142.375	408.0	SH	0.89	-17.13	126.73	89.0
1381	3942.96	14115.77	149.500	144.563	406.0	SH	0.61	-17.04	126.11	87.2
1382	3946.74	14116.55	103.375	150.125	646.0	SH	0.59	-27.06	200.14	82.7
1383	3946.45	14120.41	95.375	149.750	709.0	SH	0.40	-29.69	219.57	87.1
1384	3945.84	14121.56	86.438	148.813	761.0	SH	0.58	-31.85	235.60	89.8
1385	3945.12	14120.36	83.375	147.750	755.0	SH	0.61	-31.60	233.75	86.6
1386	3945.72	14120.42	93.875	148.625	716.0	SH	0.41	-29.98	221.73	88.0
1387	3942.53	14136.49	-7.750	143.938	1304.6	TP2	5.55	-54.35	403.23	121.3
1388	3941.85	14136.44	13.813	142.938	1191.0	SH	4.09	-49.67	368.20	117.4
1389	3941.20	14136.50	28.938	141.938	1090.7	TP3	4.55	-45.52	337.28	114.9
1390	3942.96	14134.10	20.500	144.563	1149.1	TP3	3.33	-47.94	355.28	112.2
1391	3945.23	14136.05	137.188	147.938	650.0	C	2.73	-27.23	201.37	125.2
1392	3948.58	14133.69	74.125	152.875	960.0	C	1.66	-40.11	296.97	115.6
1393	3949.34	14134.37	140.375	154.000	646.0	SH	1.83	-27.06	200.14	119.1
1394	3949.85	14128.26	124.438	154.750	662.0	SH	1.03	-27.73	205.07	103.4
1395	3948.83	14127.60	111.813	153.250	700.0	C	1.47	-29.31	216.79	101.0
1396	3948.40	14127.44	107.750	152.625	718.0	C	1.26	-30.06	222.34	100.6
1397	3947.95	14128.58	92.938	151.938	805.0	C	1.13	-33.68	249.17	103.3
1398	3940.37	14131.85	108.875	140.688	650.0	C	2.99	-27.23	201.37	104.8
1399	3940.88	14131.26	80.313	141.500	810.0	C	2.29	-33.89	250.72	105.2
1400	3940.21	14131.01	98.375	140.500	700.0	C	2.48	-29.31	216.79	103.0
1401	3940.40	14130.19	82.500	140.750	788.0	C	2.02	-32.97	243.93	103.0
1402	3940.69	14129.36	61.000	141.188	896.0	SH	1.68	-37.46	277.24	101.5
1403	3957.41	14121.71	159.375	166.000	531.5	TP	0.60	-22.29	164.82	100.3
1404	3957.37	14120.97	162.875	165.938	516.0	SH	0.42	-21.64	160.04	100.3
1405	3956.36	14121.00	150.875	164.438	568.0	C	0.43	-23.81	176.08	100.1
1406	3955.19	14122.07	151.188	162.688	570.0	C	0.95	-23.90	176.70	103.9
1407	3954.16	14121.87	130.750	161.125	655.0	C	0.95	-27.44	202.91	101.8
1408	3954.00	14123.28	114.750	160.938	735.0	C	0.62	-30.77	227.59	100.9
1409	3956.21	14119.68	172.000	164.188	458.0	SH	0.35	-19.22	142.15	99.6
1410	3955.53	14120.03	161.688	163.188	503.0	SH	0.35	-21.10	156.03	99.1
1411	3954.30	14120.27	146.750	161.375	590.0	C	0.53	-24.73	182.86	103.7
1412	3954.05	14118.52	168.750	161.000	452.0	C	0.45	-18.97	140.30	98.6
1413	3953.41	14117.23	146.125	160.000	540.0	C	0.35	-22.64	167.44	94.0
1414	3954.31	14115.53	163.625	161.375	432.0	C	0.54	-18.13	134.13	89.4
1415	3954.74	14116.80	156.000	162.000	496.0	SH	0.44	-20.81	153.87	93.5
1416	3955.53	14118.59	176.313	163.188	419.0	C	0.53	-17.59	130.12	97.7
1417	3956.28	14117.78	120.625	164.313	671.0	TP	1.59	-28.11	207.85	93.4
1418	3955.58	14116.96	150.813	163.250	517.0	C	0.35	-21.68	160.35	91.0
1419	3956.97	14116.08	181.313	165.313	360.0	C	0.68	-15.12	111.92	89.3
1420	3958.75	14124.63	173.688	167.938	508.0	SH	0.65	-21.31	157.57	108.1
1421	3958.06	14124.25	166.000	166.938	530.0	SH	0.86	-22.23	164.36	106.4
1422	3957.52	14123.72	159.688	166.125	548.0	SH	0.85	-22.98	169.91	104.4
1423	3956.87	14123.52	153.063	165.188	570.0	SH	1.01	-23.90	176.70	103.5
1424	3955.69	14124.15	136.188	163.438	647.0	SH	0.94	-27.11	200.44	103.4
1425	3954.63	14124.84	118.000	161.875	737.0	C	0.91	-30.85	228.20	104.4
1426	3953.74	14124.64	76.688	160.500	928.2	TP	0.95	-38.79	287.17	102.2
1427	3953.08	14125.42	58.125	159.563	1010.4	TP	1.78	-42.20	312.51	103.2
1428	3953.14	14127.21	72.563	159.625	972.0	C	0.92	-40.61	300.67	107.6
1429	3953.75	14126.35	65.938	160.563	998.0	C	1.15	-41.69	308.69	105.9
1430	3954.67	14125.90	100.438	161.938	838.0	C	0.73	-35.05	259.35	106.2
1431	3956.03	14124.91	129.250	163.938	693.0	SH	1.15	-29.02	214.63	105.5
1432	3956.45	14124.47	138.125	164.563	653.0	SH	1.00	-27.36	202.30	105.5
1433	3957.05	14125.41	145.750	165.438	632.0	SH	0.91	-26.48	195.82	107.9
1434	3956.33	14126.09	114.000	164.375	792.0	C	0.86	-33.14	245.16	108.6
1435	3955.08	14127.06	122.813	162.500	737.0	SH	1.08	-30.85	228.20	109.0
1436	3954.22	14127.28	107.438	161.250	804.0	SH	1.20	-33.64	248.86	108.4
1437	3954.17	14127.96	106.250	161.188	819.0	SH	1.04	-34.26	253.49	109.9
1438	3953.52	14128.16	88.438	160.188	904.0	C	0.89	-37.79	279.70	109.4
1439	3952.59	14128.10	66.125	158.813	996.0	C	1.03	-41.60	308.07	107.1
1440	3953.11	14129.30	44.625	159.625	1122.0	SH	1.72	-46.82	346.93	111.6
1441	3954.00	14129.37	49.813	160.938	1110.0	C	1.83	-46.32	343.23	113.3
1442	3955.58	14128.57	65.125	163.250	1044.0	SH	1.91	-43.59	322.87	113.5
1443	3955.08	14128.28	91.375	162.500	909.0	SH	1.04	-38.00	281.25	111.4
1444	3958.50	14125.09	172.625	167.563	507.0	SH	1.01	-21.27	157.27	108.2
1445	3957.70	14126.07	149.563	166.375	630.0	C	0.99	-26.40	195.20	110.5
1446	3959.22	14123.65	169.688	168.688	523.0	SH	0.56	-21.93	162.20	106.2
1447	3959.58	14121.78	139.438	169.188	657.0	C	0.54	-27.52	203.53	101.7
1448	3958.76	14123.29	166.188	168.000	529.0	SH	0.53	-22.18	164.05	104.5
1449	3958.64	14122.19	160.500	167.813	538.0	SH	0.55	-22.56	166.83	100.8
1450	3958.47	14120.71	144.563	167.563	610.0	C	0.49	-25.56	189.03	99.1

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1451	3959.62	14120.52	141.938	169.250	632.0	C	0.45	-26.48	195.82	99.0
1452	3958.63	14119.38	137.438	167.750	637.0	C	0.34	-26.69	197.36	96.7
1453	3957.29	14118.42	145.563	165.813	590.0	C	0.29	-24.73	182.86	97.3
1454	3957.83	14119.87	158.250	166.625	542.0	SH	0.34	-22.73	168.06	99.9
1455	3959.26	14118.22	130.313	168.750	657.0	SH	0.69	-27.52	203.53	93.5
1456	3958.35	14118.04	165.688	167.375	478.0	C	0.63	-20.06	148.32	94.8
1457	3958.34	14116.58	182.250	167.375	367.0	C	0.71	-15.41	114.08	89.7
1458	3958.39	14115.53	189.813	167.438	318.0	C	0.60	-13.36	98.97	87.3
1459	3955.71	14115.20	177.750	163.438	368.0	C	0.40	-15.45	114.39	88.5
1460	3956.30	14115.76	160.125	164.313	460.0	C	0.37	-19.30	142.77	88.0
1461	3959.19	14116.94	172.625	168.625	432.0	C	0.46	-18.13	134.13	90.9
1462	3959.97	14115.91	189.000	169.750	345.0	C	0.61	-14.49	107.30	89.4
1463	4001.15	14125.91	194.000	171.500	438.0	C	1.93	-18.38	135.98	114.6
1464	4000.39	14125.98	183.438	170.375	484.0	SH	1.80	-20.31	150.17	113.8
1465	3959.73	14126.15	177.750	169.438	516.0	SH	1.42	-21.64	160.04	114.3
1466	3959.20	14126.50	172.500	168.625	540.0	SH	1.51	-22.64	167.44	114.8
1467	3958.59	14127.10	163.500	167.750	579.0	SH	1.62	-24.27	179.47	114.8
1468	3958.25	14127.63	158.813	167.250	604.0	SH	1.73	-25.31	187.18	115.8
1469	3957.34	14127.62	149.313	165.875	640.0	C	1.40	-26.81	198.29	113.9
1470	3956.67	14127.48	141.000	164.875	673.0	SH	1.29	-28.19	208.46	112.8
1471	3956.47	14129.15	71.313	164.563	1022.7	TP4	2.82	-42.71	316.31	116.6
1472	3957.45	14128.74	78.063	166.063	990.0	C	3.24	-41.36	306.22	116.5
1473	3956.76	14129.45	125.875	165.000	777.0	SH	1.14	-32.52	240.54	117.6
1474	3957.04	14131.16	189.063	165.438	501.0	SH	0.98	-21.02	155.41	125.6
1475	3956.29	14130.32	157.000	164.313	620.0	C	1.24	-25.98	192.12	118.7
1476	3955.88	14130.86	170.438	163.688	558.0	SH	1.30	-23.40	173.00	120.7
1477	3954.76	14130.46	135.813	162.000	700.0	C	1.37	-29.31	216.79	116.0
1478	3955.27	14133.22	168.688	162.813	600.0	C	1.12	-25.15	185.95	127.7
1479	3956.10	14132.48	182.250	164.000	541.0	SH	1.04	-22.69	167.75	128.2
1480	3955.65	14134.06	166.375	163.375	650.0	SH	0.55	-27.23	201.37	133.1
1481	3956.54	14133.67	184.875	164.688	575.0	SH	0.84	-24.10	178.24	136.3
1482	3957.17	14135.54	115.500	165.625	934.0	C	1.61	-39.04	288.95	138.9
1483	3957.51	14134.13	181.375	166.125	623.0	C	1.00	-26.11	193.04	141.2
1484	4001.54	14128.44	208.750	172.125	455.0	SH	0.72	-19.09	141.23	128.8
1485	4002.25	14129.51	199.125	173.188	564.0	SH	0.96	-23.65	174.85	140.2
1486	4002.40	14130.32	187.063	173.375	655.0	SH	1.12	-27.44	202.91	146.3
1487	4000.92	14127.87	208.125	171.188	423.0	SH	0.85	-17.76	131.36	123.2
1488	4000.31	14129.17	209.188	170.250	440.0	C	1.09	-18.47	136.60	129.1
1489	4000.89	14129.85	183.938	171.125	600.0	C	1.14	-25.15	185.95	134.6
1490	4001.13	14130.72	160.625	171.500	748.0	SH	1.41	-31.31	231.59	140.9
1491	4000.78	14131.20	141.313	171.000	840.0	SH	1.96	-35.13	259.97	141.7
1492	4001.45	14131.71	86.375	172.000	1137.0	SH	2.93	-47.44	351.55	147.1
1493	4001.47	14132.76	78.938	172.000	1159.0	SH	2.66	-48.35	358.33	143.3
1494	4000.11	14133.64	56.500	170.000	1222.1	TP3	5.25	-50.95	377.79	142.3
1495	3959.31	14132.13	143.438	168.813	820.0	C	1.01	-34.30	253.80	139.5
1496	4000.25	14132.46	138.750	170.188	860.0	C	1.56	-35.96	266.13	142.9
1497	3959.08	14133.21	159.188	168.438	740.0	C	1.47	-30.98	229.13	141.1
1498	3958.23	14133.85	175.313	167.188	663.0	SH	0.94	-27.77	205.38	141.8
1499	3957.65	14134.97	141.000	166.313	823.0	C	1.36	-34.43	254.72	141.1
1500	3956.15	14134.48	170.000	164.125	660.0	C	0.66	-27.65	204.45	138.3
1501	3956.49	14131.51	184.313	164.625	519.0	SH	0.89	-21.77	160.97	124.9
1502	3957.66	14132.58	168.625	166.375	650.0	C	1.26	-27.23	201.37	134.3
1503	3957.26	14132.01	182.500	165.750	560.0	C	1.08	-23.48	173.61	130.6
1504	3957.05	14120.63	163.375	165.438	506.0	C	0.40	-21.22	156.96	99.3
1505	3956.82	14119.19	166.250	165.063	496.0	C	0.31	-20.81	153.87	100.3
1506	3955.53	14121.76	153.750	163.188	548.0	C	1.21	-22.98	169.91	102.4
1507	3955.73	14120.84	156.938	163.500	532.0	C	0.50	-22.31	164.98	100.2
1508	3954.66	14120.51	133.875	161.875	657.0	C	0.56	-27.52	203.53	103.5
1509	3954.88	14119.79	157.438	162.188	517.0	C	0.45	-21.68	160.35	98.9
1510	3953.82	14119.94	139.375	160.625	602.0	C	0.66	-25.23	186.57	99.7
1511	3954.41	14118.81	157.625	161.500	516.0	SH	0.43	-21.64	160.04	99.5
1512	3953.42	14118.39	164.563	160.063	452.0	C	0.61	-18.97	140.30	95.8
1513	3953.09	14119.76	133.250	159.563	620.0	C	0.79	-25.98	192.12	98.6
1514	3952.96	14118.82	154.938	159.375	490.0	C	0.84	-20.56	152.02	95.0
1515	3952.69	14117.83	147.813	158.938	520.0	C	0.66	-21.81	161.28	93.7
1516	3952.37	14119.72	156.188	158.500	480.0	TP	1.04	-20.14	148.94	95.6
1517	4006.76	14131.17	191.063	179.875	652.0	SH	0.66	-27.31	201.99	142.0
1518	4006.54	14130.39	213.000	179.500	540.0	C	0.60	-22.64	167.44	142.0
1519	4007.30	14130.54	188.938	180.688	645.0	C	0.58	-27.02	199.83	137.5
1520	4007.92	14129.76	187.188	181.563	634.1	TP	0.85	-26.57	196.47	133.4
1521	4006.09	14130.20	209.813	178.875	550.0	C	0.71	-23.06	170.53	141.8
1522	4005.35	14130.62	193.750	177.750	634.0	SH	0.77	-26.56	196.43	143.5
1523	4006.39	14131.72	133.625	179.313	887.0	TP	4.01	-37.09	274.46	140.4
1524	4005.94	14131.18	181.375	178.625	705.0	C	0.93	-29.52	218.33	144.8
1525	4005.27	14131.20	177.875	177.625	710.0	C	0.82	-29.73	219.87	142.9
1526	4007.28	14131.20	196.313	180.625	620.0	C	0.53	-25.98	192.12	139.9
1527	4007.76	14131.77	216.438	181.375	515.0	C	0.57	-21.60	159.73	138.7
1528	4008.11	14133.37	254.188	181.875	340.0	C	1.00	-14.28	105.75	142.6
1529	4007.47	14132.44	233.375	180.938	410.0	C	1.11	-17.21	127.35	136.8
1530	4006.54	14134.15	219.500	179.500	495.0	C	1.35	-20.76	153.56	141.7
1531	4007.09	14133.97	236.813	180.375	405.0	C	1.66	-17.00	125.80	141.3
1532	4007.54	14133.67	247.188	181.000	355.0	C	1.50	-14.91	110.38	140.7
1533	4009.20	14134.37	259.500	183.500	339.0	C	0.53	-14.24	105.45	144.9
1534	4009.25	14133.40	245.750	183.563	390.0	C	0.76	-16.37	121.18	141.6
1535	4008.83	14132.14	211.625	182.938	548.0	C	0.53	-22.98	169.91	138.7
1536	4009.06	14135.24	239.000	183.250	442.3	TP	1.48	-18.56	137.31	147.4
1537	4009.43	14135.51	281.875	183.813	238.0	SH	1.01	-10.01	74.29	148.3
1538	4009.45	14135.94	284.875	183.813	222.0	SH	1.19	-9.33	69.36	148.6
1539	4008.71	14136.60	243.875	182.750	426.0	C	0.74	-17.88	132.28	147.6
1540	4007.66	14136.96	199.438	181.188	626.1	TP	1.76	-26.24	194.00	146.9
1541	4007.79	14138.27	231.438	181.375	491.0	SH	0.55	-20.60	152.33	148.8
1542	4008.50	14137.39	262.250	182.438	330.0	C	1.05	-13.86	102.67	148.3
1543	4009.16	14136.92	272.938	183.438	280.0	C	0.86	-11.77	87.25	147.6
1544	4007.82	14134.60	251.000	181.438	358.0	C	1.04	-15.04	111.31	143.5
1545	4007.69	14135.92	265.813	181.250	296.0	SH	1.21	-12.44	92.18	146.8
1546	4007.04	14135.18	231.625	180.250	442.0	C	1.53	-18.55	137.22	143.1
1547	4006.94	14136.22	260.563	180.125	314.0	SH	0.99	-13.19	97.73	145.6
1548	4006.54	14137.17	237.938	179.500	438.0	C	0.90	-18.38	135.98	147.7
1549	4005.58	14135.93	247.313	178.125	356.0	SH	1.02	-14.95	110.69	142.7
1550	4005.29	14137.34	236.313	177.688	432.0	SH	0.65	-18.13	134.13	146.0

No	Lat	Lon	g	gn	H		Tc	B	F+A	gb
			980.	980.	(m)		(1.0)	(1.0)		(2.67)
1551	4005.09	14137.42	241.063	177.375	399.0	C	0.59	-16.75	123.95	144.4
1552	4005.25	14134.73	229.688	177.625	410.0	C	1.98	-17.21	127.35	138.7
1553	4005.54	14133.78	224.250	178.063	455.0	SH	1.43	-19.09	141.23	140.3
1554	4005.82	14133.04	210.313	178.438	515.0	C	1.64	-21.60	159.73	138.3
1555	4005.22	14132.23	184.563	177.563	658.0	SH	0.97	-27.56	203.84	139.9
1556	4008.29	14131.03	229.188	182.125	446.0	SH	0.59	-18.72	138.45	137.1
1557	4009.04	14131.06	241.938	183.250	388.0	SH	0.50	-16.29	120.56	137.1
1558	4009.51	14130.03	227.188	183.938	466.0	C	0.27	-19.55	144.62	136.4
1559	4009.96	14131.76	251.813	184.625	345.0	SH	0.43	-14.49	107.30	137.0
1560	3959.20	14128.59	176.438	168.625	558.0	C	1.03	-23.40	173.00	121.1
1561	3959.44	14130.49	195.250	169.000	519.0	C	1.32	-21.77	160.97	132.6
1562	3959.29	14129.81	202.188	168.750	464.0	SH	0.97	-19.47	144.00	128.1
1563	3958.36	14129.31	160.125	167.375	640.0	C	0.95	-26.81	198.29	122.0
1564	3958.93	14131.66	158.688	168.250	705.0	C	1.36	-29.52	218.33	133.6
1565	3958.43	14131.54	182.500	167.500	570.0	C	1.60	-23.90	176.70	132.2
1566	3958.05	14130.65	195.313	166.938	483.0	TP	0.94	-20.26	149.86	126.7
1567	4000.68	14154.41	324.313	170.813	7.0	SH	0.70	-0.30	3.03	157.5
1568	4000.24	14156.11	290.688	170.188	178.0	SH	2.29	-7.49	55.78	161.7
1569	4000.15	14153.23	317.500	170.063	9.4	BM	0.80	-0.40	3.77	152.2
1570	4001.07	14153.12	309.313	171.438	70.8	BM	0.58	-2.98	22.71	154.1
1571	4001.59	14152.78	296.875	172.188	138.0	SH	0.53	-5.81	43.44	153.9
1572	4002.00	14152.94	292.688	172.750	166.0	TP	1.00	-6.98	52.08	155.7
1573	4009.30	14138.63	273.125	183.625	298.0	SH	1.01	-12.52	92.80	151.5
1574	4009.77	14138.82	239.250	184.313	466.4	TP	1.80	-19.57	144.74	152.2
1575	4009.36	14139.58	260.563	183.750	390.0	C	1.01	-16.37	121.18	156.9
1576	4009.47	14139.72	265.125	183.875	366.0	C	0.66	-15.37	113.77	155.7
1577	4009.18	14140.37	295.500	183.438	198.0	SH	1.56	-8.33	61.95	155.9
1578	4008.07	14139.08	252.125	181.813	382.0	SH	0.99	-16.04	118.71	148.8
1579	4007.11	14138.68	232.813	180.375	480.0	C	0.82	-20.14	148.94	149.8
1580	4007.45	14139.09	247.750	180.875	400.0	C	0.92	-16.79	124.26	148.7
1581	4007.92	14140.03	280.750	181.563	268.0	SH	1.11	-11.26	83.54	155.6
1582	4006.38	14139.48	246.875	179.313	400.0	C	1.17	-16.79	124.26	150.1
1583	4007.20	14140.65	275.875	180.500	302.0	SH	0.78	-12.69	94.03	157.6
1584	4007.85	14142.37	312.313	181.500	88.0	SH	1.29	-3.70	28.02	152.4
1585	4009.03	14143.81	327.875	183.250	30.0	SH	1.07	-1.26	10.13	154.2
1586	4007.97	14143.51	281.813	181.625	263.0	SH	0.50	-11.06	82.00	153.9
1587	4007.54	14143.95	280.188	181.000	271.0	SH	0.57	-11.39	84.47	154.7
1588	4008.38	14144.55	317.563	182.250	80.0	C	0.77	-3.37	25.55	153.9
1589	4009.50	14144.54	329.563	183.938	19.0	SH	0.46	-0.80	6.73	151.4
1590	4009.26	14143.15	285.313	183.563	242.6	TP	0.79	-10.20	75.71	152.3
1591	4008.59	14141.97	285.375	182.563	250.0	C	0.56	-10.51	77.99	154.2
1592	4009.17	14141.05	252.688	183.438	410.0	C	1.03	-17.21	127.35	153.3
1593	4009.71	14142.02	281.438	184.250	263.0	SH	0.44	-11.06	82.00	150.8
1594	4006.38	14141.14	291.563	179.313	196.0	SH	1.62	-8.24	61.33	155.9
1595	4006.95	14142.65	304.188	180.125	120.0	C	1.74	-5.05	37.89	153.0
1596	4006.15	14142.42	295.688	178.938	164.0	C	1.47	-6.90	51.46	153.7
1597	4004.95	14142.62	283.688	177.188	221.0	SH	1.11	-9.29	69.05	153.7
1598	4005.15	14143.91	232.375	177.438	472.0	C	0.92	-19.80	146.47	150.9
1599	4005.64	14144.53	261.375	178.188	322.0	SH	1.35	-13.53	100.20	150.8
1600	4006.91	14144.57	282.563	180.063	250.0	C	0.49	-10.51	77.99	153.7
1601	4006.49	14143.48	222.313	179.438	511.0	TP	2.95	-21.43	158.50	152.0
1602	4004.44	14143.32	269.063	176.438	274.0	SH	1.14	-11.52	85.40	150.3
1603	4003.25	14143.53	253.063	174.625	340.0	C	1.39	-14.28	105.75	149.7
1604	4002.48	14143.74	241.750	173.500	380.0	C	1.30	-15.96	118.09	147.2
1605	4002.81	14145.72	139.875	174.000	813.9	TP	5.71	-34.05	251.91	142.0
1606	4002.84	14145.21	197.000	174.063	598.0	SH	1.18	-25.06	185.33	144.4
1607	4002.01	14144.45	230.813	172.813	430.0	C	0.72	-18.05	133.51	145.2
1608	4005.22	14141.73	281.188	177.563	234.0	SH	1.22	-9.84	73.06	153.6
1609	4004.30	14141.28	271.125	176.188	265.0	SH	1.38	-11.14	82.62	151.4
1610	4003.62	14139.43	241.000	175.188	381.0	SH	1.65	-16.00	118.40	145.9
1611	4002.69	14138.79	220.750	173.813	459.0	SH	2.08	-19.26	142.46	143.5
1612	4004.00	14138.03	229.188	175.750	454.0	SH	1.05	-19.05	140.92	146.3
1613	4005.33	14138.00	250.625	177.750	360.0	C	0.98	-15.12	111.92	147.1
1614	4004.95	14139.23	258.125	177.188	320.0	C	1.61	-13.44	99.59	148.9
1615	4005.62	14140.42	279.813	178.188	239.0	C	1.45	-10.05	74.60	153.3
1616	4004.81	14140.36	254.750	176.938	357.0	SH	0.78	-14.99	111.00	150.8
1617	4006.13	14138.13	229.313	178.938	478.0	SH	0.98	-20.06	148.32	147.7
1618	3952.64	14146.01	219.938	158.875	316.0	SH	2.31	-13.28	98.35	130.1
1619	3953.61	14145.48	204.125	160.313	390.0	C	2.15	-16.37	121.18	126.9
1620	3954.78	14145.91	174.125	162.063	574.0	SH	0.96	-24.06	177.93	128.2
1621	3952.43	14148.16	209.250	158.563	350.0	C	1.04	-14.70	108.84	122.9
1622	3954.23	14147.45	188.750	161.250	470.0	C	1.55	-19.72	145.85	124.8
1623	3954.97	14148.74	220.688	162.375	320.0	C	1.15	-13.44	99.59	125.0
1624	3953.61	14147.78	163.688	160.313	595.0	C	1.53	-24.94	184.41	125.2
1625	3953.10	14147.90	175.625	159.563	530.0	C	1.16	-22.23	164.36	124.1
1626	3951.97	14146.97	232.500	157.938	220.0	C	3.01	-9.25	68.74	126.6
1627	3951.71	14147.68	243.000	157.500	166.0	SH	2.53	-6.98	52.08	125.6
1628	3950.51	14147.95	261.688	155.750	103.0	SH	1.30	-4.34	32.65	130.5
1629	3950.71	14146.47	245.625	156.063	188.0	C	1.72	-7.91	58.87	131.9
1630	3951.09	14145.62	217.563	156.563	310.0	C	2.66	-13.03	96.50	129.7
1631	3950.88	14145.75	225.000	156.313	276.0	C	1.85	-11.60	86.01	128.6
1632	3950.33	14146.57	262.250	155.500	100.0	C	1.90	-4.21	31.72	132.3
1633	3950.13	14145.30	246.438	155.188	170.0	C	1.64	-7.15	53.31	129.8
1634	3950.82	14148.56	255.188	156.188	130.0	C	1.11	-5.47	40.98	128.3
1635	3950.77	14149.70	267.250	156.125	48.0	SH	2.08	-2.02	15.68	126.9
1636	3951.14	14150.89	242.188	156.688	203.0	C	1.22	-8.54	63.49	129.4
1637	3951.87	14149.56	225.375	157.750	270.0	C	1.09	-11.35	84.16	124.3
1638	3953.12	14149.46	169.313	159.625	574.0	SH	1.21	-24.06	177.93	126.5
1639	4009.92	14151.30	367.438	184.563	9.0	C	0.62	-0.38	3.65	187.0
1640	4008.95	14150.72	339.813	183.125	91.0	SH	0.75	-3.83	28.94	177.3
1641	4008.46	14151.19	320.250	182.375	181.0	TP	0.59	-7.61	56.71	175.6
1642	4008.85	14151.70	330.625	182.938	160.0	C	0.59	-6.73	50.23	181.3
1643	4008.55	14150.37	313.813	182.500	187.0	SH	0.57	-7.87	58.56	170.2
1644	4008.99	14149.63	308.750	183.188	197.4	TP	0.50	-8.30	61.77	166.4
1645	4009.99	14148.83	313.500	184.625	189.6	TP	0.74	-7.97	59.36	168.7
1646	4004.62	14130.76	171.875	176.688	743.0	SH	0.85	-31.10	230.05	144.4
1647	4001.86	14132.81	71.500	172.563	1177.0	SH	3.78	-49.09	363.88	141.8
1648	4002.12	14132.67	52.625	172.938	1239.1	TP	6.09	-51.65	383.03	141.0
1649	4002.67	14132.12	52.563	173.750	1235.0	SH	6.76	-51.48	381.77	141.1
1650	4003.16	14131.81	67.938	174.500	1168.8	TP	5.62	-48.75	361.36	139.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1651	4004.31	14131.71	93.875	176.188	1059.8	TP	4.70	-44.25	327.75	139.8
1652	4004.64	14131.23	140.563	176.688	878.0	SH	1.67	-36.71	271.68	141.9
1653	3953.27	14150.08	182.875	159.813	523.0	C	0.90	-21.93	162.20	129.0
1654	3953.68	14149.62	198.813	160.438	433.0	SH	0.80	-18.17	134.44	126.4
1655	3954.89	14150.01	223.375	162.250	330.0	C	0.59	-13.86	102.67	128.3
1656	3954.49	14150.59	203.938	161.625	434.0	SH	0.55	-18.22	134.75	129.7
1657	3955.19	14151.53	208.750	162.688	450.0	C	0.87	-18.88	139.68	137.5
1658	3955.61	14152.35	230.750	163.313	364.0	SH	0.52	-15.29	113.16	141.0
1659	3955.52	14150.47	233.938	163.188	300.0	C	0.61	-12.61	93.42	132.0
1660	3956.14	14150.79	249.813	164.063	234.5	BM	0.72	-9.86	73.21	134.5
1661	3955.29	14148.98	228.313	162.813	298.0	SH	0.94	-12.52	92.80	127.3
1662	3955.57	14148.21	211.188	163.250	380.0	C	1.06	-15.96	118.09	126.2
1663	3956.00	14149.41	231.188	163.875	298.0	C	0.71	-12.52	92.80	128.5
1664	3957.09	14150.83	261.625	165.500	190.3	BM	0.66	-8.00	59.58	136.0
1665	3957.65	14151.59	273.813	166.313	160.4	BM	0.70	-6.75	50.35	141.6
1666	3958.76	14151.96	295.750	168.000	70.0	BM	1.09	-2.95	22.47	145.2
1667	3957.21	14149.31	235.313	165.688	303.0	SH	0.76	-12.73	94.34	131.9
1668	3958.40	14149.11	219.375	167.438	400.0	C	0.84	-16.79	124.26	133.5
1669	3958.56	14150.29	246.750	167.688	275.6	TP	0.79	-11.58	85.88	136.0
1670	3959.87	14151.30	267.250	169.625	231.0	SH	0.51	-9.71	72.13	145.0
1671	3959.89	14150.48	271.563	169.688	186.0	SH	0.75	-7.82	58.25	141.1
1672	3959.61	14149.49	253.313	169.250	250.0	C	0.79	-10.51	77.99	136.0
1673	3959.53	14148.62	226.813	169.125	365.0	C	1.10	-15.33	113.47	133.1
1674	3959.48	14147.83	194.250	169.063	525.0	C	1.27	-22.02	162.82	132.5
1675	3959.77	14145.61	260.313	169.500	222.0	C	1.72	-9.33	69.36	139.8
1676	3959.54	14146.81	254.375	169.125	220.0	C	1.86	-9.25	68.74	134.2
1677	3958.90	14147.10	238.500	168.188	280.0	C	2.24	-11.77	87.25	132.1
1678	3957.72	14147.01	209.438	166.438	418.0	C	2.16	-17.55	129.81	131.7
1679	3957.83	14147.87	175.750	166.563	605.0	SH	1.36	-25.36	187.49	132.5
1680	3957.21	14148.75	220.875	165.688	370.0	SH	0.79	-15.54	115.01	130.8
1681	3956.34	14147.31	166.563	164.375	629.0	SH	1.02	-26.36	194.89	129.3
1682	3956.33	14145.95	210.563	164.375	408.0	SH	1.21	-17.13	126.73	130.4
1683	3957.71	14145.37	228.063	166.438	328.0	SH	1.99	-13.78	102.05	132.2
1684	3955.21	14145.51	195.125	162.688	473.0	SH	1.29	-19.85	146.78	129.6
1685	4004.03	14130.77	186.125	175.813	659.0	C	1.25	-27.61	204.15	144.1
1686	4003.27	14130.51	194.625	174.688	621.0	SH	1.10	-26.02	192.43	145.8
1687	4002.28	14131.43	130.938	173.188	920.0	C	2.00	-38.45	284.64	145.0
1688	4000.82	14133.01	92.375	171.000	1100.0	C	2.14	-45.91	340.14	144.6
1689	4001.81	14133.50	115.500	172.500	970.0	C	1.73	-40.53	300.05	139.4
1690	4001.17	14134.66	159.813	171.563	732.0	SH	1.44	-30.65	226.66	137.0
1691	4002.22	14134.28	139.875	173.125	842.0	SH	1.40	-35.22	260.58	137.1
1692	4002.57	14133.40	115.375	173.625	958.0	C	2.00	-40.03	296.35	136.6
1693	4003.04	14133.11	127.375	174.313	897.0	SH	2.77	-37.50	277.54	137.9
1694	4003.68	14132.72	176.375	175.250	672.0	SH	1.83	-28.15	208.15	139.0
1695	4003.87	14133.58	208.313	175.563	506.0	SH	1.89	-21.22	156.96	138.1
1696	4000.96	14135.19	170.375	171.250	668.0	C	2.55	-27.98	206.92	138.1
1697	4006.97	14117.35	184.625	180.188	439.0	C	0.29	-18.43	136.29	92.4
1698	4007.19	14120.19	186.250	180.500	487.0	C	0.54	-20.43	151.10	103.7
1699	4007.86	14120.37	186.375	181.500	482.0	C	0.94	-20.22	149.55	103.0
1700	4005.64	14122.40	201.625	178.188	408.0	C	1.81	-17.13	126.73	109.3

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1701	4005.41	14122.02	187.813	177.875	470.0	C	1.55	-19.72	145.85	107.3
1702	4004.73	14135.11	229.500	176.813	420.0	SH	1.68	-17.63	130.43	140.5
1703	4004.25	14134.04	215.625	176.125	468.0	SH	2.41	-19.64	145.24	138.7
1704	4004.04	14136.63	227.500	175.813	441.0	SH	1.65	-18.51	136.91	143.5
1705	4003.63	14135.62	209.313	175.188	510.0	SH	2.07	-21.39	158.19	140.7
1706	4003.63	14137.02	227.250	175.188	438.0	SH	1.85	-18.38	135.98	143.9
1707	4002.82	14136.24	203.563	174.000	528.0	SH	2.43	-22.14	163.74	140.6
1708	4002.30	14136.82	159.438	173.250	757.0	C	1.53	-31.68	234.37	140.0
1709	4001.71	14137.40	128.750	172.375	904.0	C	1.94	-37.79	279.70	140.3
1710	4001.08	14137.42	113.500	171.438	967.0	SH	1.62	-40.40	299.13	137.6
1711	3950.55	14126.67	129.813	155.813	636.0	SH	0.75	-26.65	197.05	101.9
1712	3950.26	14125.08	119.500	155.375	670.0	C	0.47	-28.06	207.54	98.0
1713	3950.09	14123.08	116.000	155.125	670.0	SH	0.40	-28.06	207.54	94.5
1714	3950.37	14122.73	111.063	155.500	696.0	SH	0.49	-29.15	215.56	94.6
1715	3950.04	14121.52	106.125	155.063	703.0	C	0.52	-29.44	217.72	91.6
1716	3950.42	14119.32	115.563	155.625	642.0	C	0.99	-26.90	198.90	89.7
1717	3951.31	14119.29	132.375	156.938	574.0	C	0.58	-24.06	177.93	90.7
1718	3951.34	14118.44	118.125	157.000	638.0	C	0.42	-26.73	197.67	88.6
1719	3950.06	14117.52	96.500	155.063	719.0	C	0.51	-30.10	222.65	85.0
1720	3950.08	14116.37	92.250	155.125	725.0	C	0.65	-30.35	224.50	82.3
1721	3951.26	14115.35	106.750	156.875	648.0	C	1.01	-27.15	200.75	80.9
1722	3951.31	14116.50	116.813	156.938	619.0	C	0.65	-25.94	191.81	84.2
1723	3952.55	14116.19	158.313	158.750	440.0	SH	0.80	-18.47	136.60	89.0
1724	3951.87	14116.98	142.813	157.750	508.0	C	0.90	-21.31	157.57	88.1
1725	3953.31	14115.63	173.188	159.875	365.0	C	0.69	-15.33	113.47	87.7
1726	3952.17	14120.63	150.500	158.188	500.0	C	1.15	-20.97	155.11	94.5
1727	3952.82	14121.31	138.313	159.188	582.0	C	1.57	-24.40	180.40	98.6
1728	3951.88	14121.57	141.000	157.750	548.0	C	0.87	-22.98	169.91	94.1
1729	3951.93	14122.59	142.313	157.813	558.0	SH	0.62	-23.40	173.00	96.7
1730	3951.44	14123.68	142.750	157.125	552.0	C	1.00	-23.15	171.14	97.7
1731	3952.33	14124.40	126.875	158.438	656.0	SH	0.93	-27.48	203.22	100.7
1732	3952.87	14124.06	111.063	159.250	736.0	C	0.91	-30.81	227.89	99.9
1733	3952.74	14124.06	112.000	159.063	736.0	C	1.21	-30.81	227.89	101.8
1734	3951.63	14125.09	140.938	157.375	582.0	SH	0.96	-24.40	180.40	101.3
1735	3952.32	14125.86	117.750	158.438	709.0	C	1.16	-29.69	219.57	102.7
1736	3951.49	14126.16	139.625	157.188	598.0	SH	0.80	-25.06	185.33	103.0
1737	3951.55	14127.18	136.063	157.250	616.0	SH	1.07	-25.81	190.88	103.6
1738	3951.72	14128.42	89.250	157.500	864.0	C	1.51	-36.13	267.37	106.7
1739	3950.39	14127.86	126.563	155.563	654.0	C	0.84	-27.40	202.60	102.7
1740	3950.20	14129.05	122.000	155.250	689.0	C	1.04	-28.86	213.40	105.8
1741	3950.82	14132.26	148.000	156.188	586.0	SH	2.12	-24.56	181.63	113.5
1742	3950.27	14133.90	157.063	155.375	559.0	C	2.09	-23.44	173.30	118.0
1743	3951.68	14133.80	178.188	157.500	459.0	SH	2.39	-19.26	142.46	118.1
1744	3951.91	14135.12	193.250	157.813	413.0	C	2.31	-17.34	128.27	123.6
1745	3952.14	14136.41	204.000	158.125	383.0	SH	1.97	-16.08	119.02	127.2
1746	3955.39	14136.01	173.500	163.000	635.0	C	0.84	-26.61	196.74	138.5
1747	3955.40	14136.28	177.688	163.000	600.0	C	1.48	-25.15	185.95	137.5
1748	3954.94	14135.01	198.938	162.313	470.0	C	1.22	-19.72	145.85	133.1
1749	3954.42	14136.66	194.750	161.500	484.0	SH	0.80	-20.31	150.17	131.3
1750	3955.10	14137.85	169.500	162.563	650.0	C	1.36	-27.23	201.37	139.2

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1751	3955.15	14137.11	156.000	162.625	723.0	C	1.44	-30.27	223.88	140.3
1752	3953.23	14133.47	169.938	159.750	508.0	C	2.85	-21.31	157.57	118.5
1753	3953.61	14131.98	150.938	160.313	613.0	SH	1.99	-25.69	189.96	117.3
1754	3953.19	14131.42	129.938	159.750	700.0	C	2.11	-29.31	216.79	114.3
1755	3953.66	14130.26	112.438	160.375	795.0	C	1.86	-33.26	246.09	114.2
1756	3952.76	14134.58	188.500	159.063	445.0	SH	2.19	-18.68	138.14	123.6
1757	3954.13	14137.72	208.313	161.125	408.0	C	1.49	-17.13	126.73	132.2
1758	3953.09	14137.93	226.000	159.563	304.0	SH	1.60	-12.77	94.65	131.3
1759	3950.84	14136.88	187.625	156.250	457.0	C	1.88	-19.18	141.84	127.1
1760	3951.31	14137.30	198.875	156.938	406.0	SH	2.27	-17.04	126.11	128.6
1761	3951.86	14139.83	232.938	157.750	266.0	SH	1.93	-11.18	82.93	133.4
1762	3951.48	14140.94	233.625	157.188	249.0	C	1.84	-10.47	77.68	131.1
1763	3950.62	14143.36	240.500	155.875	200.0	C	1.84	-8.41	62.57	129.6
1764	3950.73	14145.44	212.063	156.063	350.0	C	1.52	-14.70	108.84	129.6
1765	3950.74	14144.61	219.750	156.063	324.0	C	1.46	-13.61	100.82	132.0
1766	3951.99	14141.67	218.625	157.938	309.0	C	3.15	-12.98	96.19	130.6
1767	3952.30	14141.60	213.125	158.375	340.0	C	3.51	-14.28	105.75	131.7
1768	3950.93	14139.91	220.438	156.375	310.0	C	2.45	-13.03	96.50	132.3
1769	3950.80	14138.60	204.688	156.188	389.0	C	2.08	-16.33	120.87	131.3
1770	3950.15	14137.93	188.938	155.188	469.0	C	1.74	-19.68	145.54	131.4
1771	4005.28	14149.95	327.313	177.688	19.1	BM	0.43	-0.81	6.76	155.3
1772	4006.37	14149.52	331.938	179.250	4.8	TP4	0.34	-0.20	2.35	155.3
1773	4006.78	14149.85	333.688	179.875	5.0	SH	0.32	-0.21	2.41	156.4
1774	4007.69	14150.75	343.000	181.250	5.0	C	0.40	-0.21	2.41	164.6
1775	4008.33	14151.83	324.250	182.188	178.0	C	0.72	-7.49	55.78	179.5
1776	4009.78	14149.73	320.250	184.375	183.0	SH	0.71	-7.70	57.32	174.4
1777	4008.93	14148.25	299.438	183.063	184.0	C	0.50	-7.74	57.63	154.6
1778	4007.97	14148.80	327.500	181.625	43.0	C	0.39	-1.81	14.14	156.2
1779	4008.50	14147.33	312.938	182.438	101.0	SH	0.36	-4.25	32.03	152.0
1780	4007.67	14147.44	326.563	181.188	25.7	BM	0.44	-1.08	8.80	152.4
1781	4009.07	14146.12	319.063	183.250	62.2	BM	0.36	-2.62	20.06	149.8
1782	4009.97	14146.66	329.313	184.625	26.8	BM	0.44	-1.13	9.14	151.9
1783	4009.87	14145.58	329.563	184.500	13.0	SH	0.36	-0.55	4.88	149.5
1784	4007.86	14145.34	312.313	181.500	106.0	C	0.62	-4.46	33.57	154.1
1785	4007.06	14148.62	329.750	180.313	12.2	BM	0.38	-0.51	4.63	153.7
1786	4005.55	14145.37	262.938	178.063	316.6	TP4	0.69	-13.30	98.54	149.7
1787	4005.86	14146.43	282.250	178.500	237.0	C	0.47	-9.96	73.98	152.3
1788	4006.17	14147.41	310.375	179.000	105.0	SH	0.58	-4.42	33.26	154.4
1789	4006.04	14148.42	319.625	178.750	57.0	SH	0.44	-2.40	18.46	154.0
1790	4005.30	14147.70	293.250	177.688	180.0	C	0.51	-7.57	56.40	153.0
1791	3951.66	14143.52	216.375	157.438	320.0	SH	2.98	-13.44	99.59	130.5
1792	3952.80	14143.32	186.500	159.125	478.0	SH	2.56	-20.06	148.32	129.0
1793	3953.34	14143.35	172.438	159.938	553.0	SH	2.64	-23.19	171.45	129.1
1794	4000.12	14137.91	156.500	170.000	739.0	SH	2.07	-30.94	228.82	138.3
1795	3959.24	14138.48	172.813	168.688	640.0	C	2.59	-26.81	198.29	137.7
1796	3959.02	14139.31	190.250	168.375	543.0	C	2.52	-22.77	168.37	136.2
1797	3959.22	14139.55	196.313	168.688	510.0	C	3.01	-21.39	158.19	136.7
1798	3959.10	14140.61	215.500	168.500	415.0	C	3.03	-17.42	128.89	137.5
1799	4000.93	14145.24	237.313	171.188	362.0	SH	1.35	-15.20	112.54	141.6
1800	4000.07	14145.62	259.625	169.938	230.0	SH	1.92	-9.67	71.82	140.8
1801	4000.68	14147.24	271.625	170.813	158.0	SH	2.08	-6.65	49.61	138.1
1802	4001.35	14147.94	281.938	171.813	103.0	SH	3.00	-4.34	32.65	139.2
1803	4002.08	14149.14	299.688	172.875	60.0	SH	1.92	-2.53	19.38	144.5
1804	4003.84	14150.68	321.250	175.500	42.1	BM	0.75	-1.77	13.86	156.7
1805	4003.00	14149.79	278.063	174.250	219.0	SH	0.98	-9.21	68.43	150.2
1806	4003.15	14148.18	283.313	174.500	161.0	SH	1.72	-6.77	50.54	145.8
1807	4004.52	14150.10	323.500	176.500	33.6	TPx	0.62	-1.42	11.24	156.0
1808	4004.66	14148.45	285.063	176.750	211.0	TP4	0.58	-8.87	65.96	152.0
1809	4004.36	14146.99	278.938	176.313	216.0	SH	0.99	-9.08	67.50	148.5
1810	4003.08	14147.04	229.313	174.375	438.0	SH	0.89	-18.38	135.98	144.1
1811	4002.45	14146.44	205.625	173.438	542.0	C	1.51	-22.73	168.06	143.5
1812	4002.00	14145.84	199.313	172.813	570.0	C	1.28	-23.90	176.70	142.7
1813	4003.85	14145.70	227.938	175.500	465.0	SH	0.86	-19.51	144.31	146.8
1814	4001.94	14150.70	276.125	172.688	224.0	SH	0.51	-9.42	69.97	149.4
1815	3959.30	14152.81	309.813	168.750	27.4	BM	1.17	-1.15	9.32	150.4
1816	3958.54	14153.43	269.063	167.625	229.0	SH	0.57	-9.63	71.51	148.6
1817	3957.56	14152.77	220.813	166.188	417.4	TP3	2.71	-17.52	129.63	144.5
1818	3958.41	14154.53	243.688	167.438	347.7	TP3	2.33	-14.60	108.13	151.3
1819	3959.64	14154.18	303.188	169.250	90.0	C	0.59	-3.79	28.64	153.9
1820	4000.35	14149.74	259.313	170.313	244.0	SH	0.81	-10.26	76.14	139.8
1821	4000.52	14151.86	274.438	170.563	224.0	SH	0.54	-9.42	69.97	149.9
1822	4000.87	14151.09	269.563	171.125	239.0	SH	0.55	-10.05	74.60	147.6
1823	4001.49	14151.93	279.188	172.000	217.0	SH	0.55	-9.13	67.81	151.9
1824	3959.63	14155.82	288.313	169.250	194.1	BMx	0.69	-8.16	60.75	159.4
1825	3958.86	14156.41	274.375	168.125	249.0	C	1.09	-10.47	77.68	158.4
1826	3958.53	14157.30	284.750	167.625	169.0	C	1.48	-7.11	53.01	154.5
1827	3957.86	14155.95	277.063	166.625	218.0	SH	0.64	-9.17	68.12	155.5
1828	3956.71	14157.65	307.250	164.938	30.0	C	0.57	-1.26	10.13	150.4
1829	3957.06	14154.44	300.000	165.438	63.0	C	0.99	-2.65	20.31	150.3
1830	3956.67	14155.36	307.938	164.875	24.0	SH	0.94	-1.01	8.27	151.0
1831	3956.64	14156.49	312.750	164.813	8.0	SH	0.87	-0.34	3.34	152.6
1832	3955.35	14156.17	302.375	162.938	34.0	C	1.33	-1.43	11.36	150.4
1833	3958.98	14144.40	247.188	168.313	265.0	C	1.83	-11.14	82.62	136.6
1834	3959.01	14142.56	242.813	168.313	283.0	C	2.10	-11.89	88.17	136.4
1835	3958.72	14141.84	236.875	167.938	320.0	C	1.91	-13.44	99.59	137.7
1836	3958.34	14140.46	226.750	167.375	363.0	SH	2.29	-15.25	112.85	137.7
1837	3957.85	14139.58	218.438	166.625	382.0	C	2.90	-16.04	118.71	135.5
1838	3957.93	14138.07	209.375	166.750	434.0	SH	2.90	-18.22	134.75	136.4
1839	3958.16	14136.77	201.500	167.063	479.0	SH	2.47	-20.10	148.63	136.0
1840	3959.06	14135.82	193.063	168.438	530.0	SH	2.65	-22.23	164.36	136.7
1841	3959.68	14135.50	189.250	169.313	559.0	SH	2.79	-23.44	173.30	138.1
1842	3957.39	14139.97	212.125	165.938	406.0	SH	2.72	-17.04	126.11	134.0
1843	3956.24	14140.44	196.688	164.250	480.0	C	2.08	-20.14	148.94	133.1
1844	3955.42	14140.71	179.938	163.000	556.0	SH	2.43	-23.31	172.38	133.5
1845	3954.67	14140.39	184.750	161.938	527.0	C	1.94	-22.10	163.43	132.4
1846	3953.83	14140.14	213.188	160.688	370.0	SH	2.62	-15.54	115.01	133.0
1847	3952.62	14139.40	228.313	158.875	289.0	SH	2.26	-12.15	90.02	133.1
1848	3952.19	14137.72	216.500	158.250	330.0	C	2.46	-13.86	102.67	130.5
1849	3950.40	14151.96	276.438	155.563	30.0	C	1.30	-1.26	10.13	131.0
1850	3951.81	14151.45	212.250	157.688	369.0	C	1.06	-15.50	114.70	130.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)	No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1851	3951.60	14151.39	227.250	157.375	296.0	C	0.93	-12.44	92.18	131.2	1901	4000.27	14142.08	207.938	170.250	496.0	SH	1.60	-20.81	153.87	140.3
1852	3951.19	14151.54	243.438	156.750	207.0	C	0.90	-8.71	64.73	130.5	1902	4000.26	14141.13	160.313	170.188	730.0	C	2.37	-30.56	226.04	140.8
1853	3951.10	14152.37	254.313	156.625	175.0	SH	0.74	-7.36	54.86	134.8	1903	4000.80	14143.98	204.750	171.000	533.0	SH	0.61	-22.35	165.28	140.9
1854	3951.81	14152.94	270.750	157.688	115.0	SH	1.08	-4.84	36.35	139.3	1904	4001.77	14142.60	236.063	172.438	399.0	C	1.59	-16.75	123.95	147.0
1855	3952.13	14152.98	266.063	158.125	143.0	SH	0.95	-6.02	44.99	139.3	1905	4002.66	14142.01	252.875	173.750	334.0	SH	1.22	-14.03	103.90	148.8
1856	3952.64	14152.11	248.750	158.875	244.0	C	0.82	-10.26	76.14	140.7	1906	4004.07	14142.21	269.938	175.875	260.0	C	1.81	-10.93	81.08	150.8
1857	3953.04	14151.86	226.563	159.500	330.0	C	0.54	-13.86	102.67	134.1	1907	4001.10	14140.05	146.688	171.438	806.0	C	1.96	-33.72	249.48	139.9
1858	3953.80	14151.66	236.625	160.625	290.0	C	0.55	-12.19	90.33	135.2	1908	4001.66	14140.82	199.875	172.313	548.0	C	1.74	-22.98	169.91	140.8
1859	3954.00	14150.65	222.125	160.938	338.0	C	0.66	-14.20	105.14	130.1	1909	4002.66	14141.51	234.063	173.750	426.0	SH	0.79	-17.88	132.28	146.9
1860	3959.64	14136.66	179.750	169.250	606.0	C	2.79	-25.40	187.80	137.9	1910	4003.29	14140.44	241.375	174.688	389.0	C	1.13	-16.33	120.87	146.9
1861	4000.43	14136.65	152.375	170.438	765.0	C	2.46	-32.02	236.84	139.8	1911	4002.78	14139.67	207.063	173.938	547.0	C	1.15	-22.94	169.60	144.5
1862	4000.84	14136.26	132.625	171.063	870.0	C	2.05	-36.38	269.22	139.1	1912	3956.76	14151.99	230.750	165.000	365.0	C	0.77	-15.33	113.47	140.2
1863	3957.47	14136.59	177.625	166.063	609.0	SH	1.28	-25.52	188.72	135.5	1913	3956.35	14152.82	267.063	164.375	197.0	C	0.80	-8.29	61.64	144.2
1864	3956.79	14136.37	138.438	165.063	790.0	C	1.24	-33.06	244.55	132.9	1914	3955.96	14154.15	266.688	163.813	215.0	SH	0.45	-9.04	67.20	147.0
1865	3956.15	14137.89	52.063	164.125	1168.1	TP	6.61	-48.72	361.14	136.6	1915	3956.07	14155.80	298.313	164.000	70.0	C	0.59	-2.95	22.47	150.4
1866	3957.20	14137.53	168.625	165.625	645.0	C	1.76	-27.02	199.83	135.3	1916	3955.32	14154.21	265.250	162.875	214.0	SH	0.45	-9.00	66.89	146.3
1867	3957.38	14137.76	179.875	165.938	582.0	C	1.95	-24.40	180.40	134.4	1917	3954.74	14154.52	267.250	162.000	203.0	C	0.52	-8.54	63.49	147.1
1868	3956.65	14141.06	137.500	164.813	776.0	C	1.57	-32.48	240.23	130.3	1918	3954.12	14153.86	274.688	161.063	143.5	BM1	1.09	-6.04	45.14	145.4
1869	3949.76	14146.68	255.688	154.625	130.0	C	2.33	-5.47	40.98	133.6	1919	3953.14	14157.61	277.500	159.625	146.0	SH	1.72	-6.14	45.91	151.6
1870	3949.13	14146.72	240.313	153.688	201.0	SH	2.70	-8.45	62.88	134.1	1920	3952.57	14156.36	271.938	158.813	176.0	SH	0.43	-7.40	55.17	149.5
1871	3949.72	14144.81	253.750	154.563	130.0	C	2.13	-5.47	40.98	131.2	1921	3953.78	14154.88	266.250	160.563	204.0	SH	0.45	-8.58	63.80	147.6
1872	3950.28	14141.02	219.563	155.375	299.0	C	2.91	-12.56	93.11	131.5	1922	3954.55	14156.07	276.563	161.750	176.0	SH	1.42	-7.40	55.17	153.8
1873	3949.64	14140.39	191.313	154.438	459.0	C	1.64	-19.26	142.46	132.3	1923	3953.07	14154.88	262.125	159.563	214.0	SH	0.51	-9.00	66.89	146.7
1874	3952.70	14141.50	205.500	159.000	390.0	C	2.66	-16.37	121.18	131.0	1924	3952.80	14154.08	250.875	159.125	255.0	C	0.98	-10.72	79.54	145.1
1875	3953.45	14141.32	189.500	160.125	478.0	C	2.61	-20.06	148.32	131.1	1925	3953.65	14156.72	277.063	160.375	164.8	TP	0.76	-6.93	51.71	151.7
1876	3953.83	14141.61	182.250	160.688	530.0	C	2.04	-22.23	164.36	132.0	1926	3952.50	14155.57	268.250	158.688	185.1	BM1	0.65	-7.79	57.97	148.3
1877	3949.69	14138.59	171.250	154.500	578.0	C	0.95	-24.23	179.16	133.7	1927	3951.68	14156.68	266.438	157.500	197.0	C	0.45	-8.29	61.64	149.5
1878	3949.27	14136.86	152.500	153.875	628.0	SH	1.81	-26.31	194.59	127.7	1928	3951.91	14157.29	274.625	157.813	164.0	SH	0.41	-6.90	51.46	150.8
1879	3954.47	14139.14	201.688	161.625	450.0	C	1.75	-18.88	139.68	134.0	1929	3952.83	14158.11	278.813	159.188	139.0	SH	1.40	-5.85	43.75	151.1
1880	3954.12	14139.34	208.750	161.063	401.0	SH	2.16	-16.84	124.57	133.0	1930	3951.70	14157.88	273.000	157.500	162.4	TP3	0.69	-6.83	50.97	149.8
1881	3955.18	14141.45	169.250	162.688	606.0	C	2.09	-25.40	187.80	132.1	1931	3950.73	14157.90	302.688	156.063	4.1	BM1	0.69	-0.17	2.14	150.0
1882	3954.96	14141.94	161.313	162.313	650.0	C	1.65	-27.23	201.37	132.0	1932	3950.16	14157.56	300.188	155.188	9.0	SH	0.60	-0.38	3.65	149.1
1883	3954.86	14143.23	131.875	162.188	798.0	C	2.04	-33.39	247.01	133.0	1933	3950.33	14156.48	298.375	155.500	9.0	SH	0.82	-0.38	3.65	147.6
1884	3955.51	14142.69	142.375	163.188	755.0	C	2.08	-31.60	233.75	134.1	1934	3948.92	14152.93	236.688	153.375	258.0	C	0.73	-10.85	80.46	136.7
1885	3956.03	14139.54	143.688	163.938	754.0	C	2.17	-31.56	233.44	134.7	1935	3948.62	14153.68	210.688	152.938	400.0	C	1.11	-16.79	124.26	140.0
1886	3956.33	14139.27	152.938	164.375	700.0	C	2.42	-29.31	216.79	133.5	1936	3947.05	14154.51	269.938	150.625	108.0	C	2.08	-4.55	34.19	146.8
1887	3956.66	14141.93	155.063	164.875	688.0	C	2.21	-28.81	213.09	132.2	1937	3945.29	14153.26	210.563	148.000	395.0	C	0.98	-16.58	122.72	143.5
1888	3957.24	14141.50	191.875	165.688	510.0	C	2.71	-21.39	158.19	134.4	1938	3943.38	14153.04	224.813	145.188	286.0	SH	1.05	-12.02	89.10	139.4
1889	3957.85	14140.88	216.125	166.625	404.0	C	2.17	-16.96	125.50	135.5	1939	3943.31	14154.30	246.063	145.063	190.0	C	0.89	-7.99	59.48	141.4
1890	3950.53	14150.78	268.563	155.750	50.0	C	1.70	-2.11	16.30	128.0	1940	3942.12	14155.42	269.063	143.313	69.0	SH	1.66	-2.91	22.16	144.5
1891	3954.73	14144.54	150.375	162.000	673.0	C	1.74	-28.19	208.46	126.1	1941	3942.03	14154.02	254.063	143.188	129.0	SH	1.19	-5.43	40.67	140.1
1892	3955.33	14143.63	80.688	162.875	1025.0	C	3.90	-42.80	317.02	130.9	1942	3940.87	14153.83	204.813	141.438	355.0	C	0.90	-14.91	110.38	136.2
1893	3955.66	14143.59	88.875	163.375	1005.0	C	3.92	-41.98	310.85	134.6	1943	3940.31	14154.56	196.188	140.625	391.9	TP	1.54	-16.45	121.76	137.3
1894	3956.19	14144.10	176.875	164.188	570.0	C	2.11	-23.90	176.70	131.2	1944	3940.08	14155.63	243.063	140.250	179.0	C	0.79	-7.53	56.09	140.7
1895	3956.70	14145.21	210.313	164.938	398.0	C	2.44	-16.71	123.64	130.9	1945	3940.34	14156.20	237.375	140.688	224.0	SH	0.61	-9.42	69.97	143.0
1896	3957.36	14144.10	206.313	165.875	425.0	C	2.65	-17.84	131.97	131.7	1946	3944.10	14158.81	291.000	146.250	5.0	C	0.51	-0.21	2.41	147.9
1897	3958.31	14143.07	233.563	167.313	314.0	SH	2.55	-13.19	97.73	135.5	1947	3944.47	14157.83	281.438	146.813	58.0	C	0.83	-2.44	18.76	148.9
1898	3957.20	14143.13	196.938	165.688	479.0	SH	2.54	-20.10	148.63	133.0	1948	3944.89	14200.13	278.063	147.375	72.4	TP	1.12	-3.05	23.21	148.2
1899	3957.56	14142.30	189.500	166.188	540.0	C	2.04	-22.64	167.44	135.7	1949	3945.25	14159.49	294.938	147.938	3.0	C	0.56	-0.13	1.80	149.8
1900	3959.69	14142.93	232.313	169.375	358.0	C	2.53	-15.04	111.31	140.8	1950	3946.37	14200.14	276.938	149.625	101.4	TP	1.30	-4.27	32.15	151.0

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
1951	3954.32	14152.83	249.063	161.375	261.0	C	0.64	-10.97	81.39	141.4
1952	3953.58	14152.91	242.000	160.313	285.0	C	0.67	-11.98	88.79	140.2
1953	3951.90	14155.31	251.000	157.813	257.0	C	0.70	-10.80	80.15	146.2
1954	3951.22	14155.39	233.750	156.813	332.0	C	1.40	-13.95	103.29	146.6
1955	3951.45	14155.92	256.750	157.125	233.0	C	0.59	-9.80	72.75	147.6
1956	3949.85	14155.53	295.438	154.750	8.0	SH	1.04	-0.34	3.34	145.8
1957	3949.35	14154.93	288.750	154.000	28.0	C	1.57	-1.18	9.51	145.2
1958	3950.08	14154.92	293.938	155.063	9.0	SH	1.29	-0.38	3.65	144.9
1959	3950.38	14154.21	291.313	155.563	14.0	SH	1.40	-0.59	5.19	143.1
1960	3948.17	14151.07	242.500	152.250	189.0	C	1.72	-7.95	59.18	132.7
1961	3947.27	14152.03	238.938	150.938	228.0	SH	1.27	-9.59	71.21	136.9
1962	3944.56	14148.68	156.813	146.938	608.0	C	1.85	-25.48	188.42	135.1
1963	3944.24	14147.99	120.563	146.438	787.0	C	2.22	-32.93	243.62	135.7
1964	3944.35	14146.98	85.000	146.625	965.0	SH	2.29	-40.32	298.51	135.3
1965	3944.13	14148.94	154.063	146.250	613.0	C	1.97	-25.69	189.96	134.3
1966	3944.59	14150.34	178.313	146.938	500.0	C	1.31	-20.97	155.11	133.8
1967	3940.92	14150.59	210.875	141.500	293.0	C	2.23	-12.31	91.26	133.6
1968	3942.42	14151.59	212.875	143.750	300.0	C	1.91	-12.61	93.42	133.9
1969	3943.19	14149.37	118.313	144.875	785.0	SH	1.91	-32.85	243.01	133.7
1970	3943.16	14148.04	76.063	144.813	983.0	SH	2.21	-41.07	304.07	131.4
1971	3946.71	14144.34	165.875	150.125	584.0	C	1.06	-24.48	181.01	134.2
1972	3946.28	14143.94	149.250	149.500	649.0	C	1.13	-27.19	201.06	131.2
1973	3945.93	14143.31	147.063	148.938	649.0	SH	1.55	-27.19	201.06	130.7
1974	3945.06	14143.34	123.813	147.688	759.0	C	1.75	-31.77	234.99	130.9
1975	3945.10	14144.32	82.000	147.750	970.0	C	2.51	-40.53	300.06	132.8
1976	3944.81	14145.22	133.188	147.313	738.0	C	1.05	-30.90	228.51	134.7
1977	3942.20	14143.30	201.438	143.438	324.0	SH	2.70	-13.61	100.82	129.7
1978	3942.79	14144.93	160.938	144.313	543.0	SH	2.24	-22.77	168.37	130.2
1979	3942.11	14146.61	81.125	143.250	955.0	SH	2.56	-39.91	295.43	133.5
1980	3941.81	14146.91	98.250	142.875	872.0	C	1.74	-36.46	269.84	132.4
1981	3940.89	14147.84	104.500	141.500	815.0	C	2.50	-34.10	252.26	130.8
1982	3940.74	14147.27	146.500	141.250	609.0	C	1.59	-25.52	188.73	129.9
1983	3940.17	14146.77	182.188	140.438	425.0	C	1.63	-17.84	131.97	130.4
1984	3942.89	14139.72	89.563	144.438	868.0	C	2.80	-36.30	268.60	124.2
1985	3943.58	14138.13	47.813	145.500	1102.0	C	2.73	-45.99	340.76	127.6
1986	3944.10	14141.92	181.938	146.250	415.0	C	3.65	-17.42	128.89	127.8
1987	3946.29	14142.08	186.625	149.500	417.0	C	3.38	-17.50	129.51	128.9
1988	3946.68	14141.28	211.938	150.063	288.0	SH	3.32	-12.10	89.71	128.1
1989	3949.02	14139.99	186.000	153.500	479.0	C	1.55	-20.10	148.63	131.6
1990	3948.78	14139.61	191.188	153.188	450.0	C	1.73	-18.88	139.68	131.9
1991	3947.92	14139.42	218.563	151.875	299.0	SH	2.08	-12.56	93.11	131.8
1992	3947.80	14140.51	222.250	151.688	269.0	SH	2.19	-11.31	83.85	130.1
1993	3948.09	14141.44	229.000	152.125	226.0	SH	2.78	-9.50	70.59	129.5
1994	3948.47	14141.92	230.250	152.750	205.0	SH	3.82	-8.62	64.11	128.8
1995	3948.84	14143.25	242.250	153.250	173.0	SH	2.43	-7.28	54.24	130.3
1996	3948.16	14143.68	229.750	152.250	239.0	SH	2.47	-10.05	74.60	131.9
1997	3948.83	14141.50	204.000	153.250	360.0	C	2.23	-15.12	111.92	128.2
1998	3946.76	14138.07	157.125	150.188	620.0	C	1.45	-25.98	192.12	133.5
1999	3945.60	14137.92	85.000	148.438	965.0	C	2.14	-40.32	298.51	133.1
2000	3946.37	14139.00	72.625	149.625	1005.0	C	4.62	-41.98	310.85	134.1

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
2001	3945.96	14133.46	138.750	149.000	590.0	C	2.24	-24.73	182.87	112.6
2002	3946.10	14135.62	160.750	149.188	519.0	SH	2.65	-21.77	160.97	121.4
2003	3945.13	14134.20	129.688	147.750	648.0	C	2.42	-27.15	200.75	116.6
2004	3944.53	14133.08	97.813	146.875	775.0	C	2.59	-32.43	239.92	111.2
2005	3943.37	14133.17	71.438	145.125	905.0	C	1.79	-37.83	280.01	110.1
2006	3946.34	14130.89	122.375	149.563	661.0	C	2.10	-27.69	204.76	109.3
2007	3945.34	14130.75	130.750	148.063	579.0	SH	2.62	-24.27	179.47	104.3
2008	3943.26	14130.25	54.188	145.000	954.0	SH	1.69	-39.86	295.12	102.4
2009	3944.18	14128.43	43.375	146.375	1001.0	C	1.78	-41.81	309.62	99.7
2010	3941.03	14126.38	39.688	141.688	1006.0	SH	0.82	-42.02	311.16	99.1
2011	3944.21	14125.32	33.813	146.375	1026.0	SH	1.29	-42.85	317.32	93.8
2012	3947.44	14118.17	87.313	151.188	734.0	SH	0.61	-30.73	227.28	83.0
2013	3949.22	14131.58	62.000	153.813	1017.0	C	1.61	-42.47	314.55	113.6
2014	3948.62	14132.50	74.938	152.938	941.0	SH	1.40	-39.32	291.11	111.9
2015	3957.35	14138.81	183.250	165.875	553.0	C	1.78	-23.19	171.45	131.6
2016	3956.63	14137.97	105.813	164.813	958.0	C	2.84	-40.03	296.35	138.0
2017	3956.94	14138.47	153.250	165.250	722.0	C	1.69	-30.23	223.58	135.3
2018	3956.16	14141.21	169.438	164.125	610.0	C	2.49	-25.56	189.03	132.7
2019	3954.69	14137.53	192.875	161.938	511.0	C	1.35	-21.43	158.50	135.8
2020	3954.05	14138.34	208.188	161.000	409.0	C	2.01	-17.17	127.04	133.7
2021	3954.75	14138.66	192.688	162.000	515.0	C	1.32	-21.60	159.73	136.2
2022	3917.10	14137.58	130.813	106.313	440.0	SH	1.19	-18.47	136.60	115.0
2023	3918.09	14140.11	97.313	107.750	618.0	SH	2.49	-25.90	191.50	118.5
2024	3917.62	14138.71	114.188	107.063	520.0	SH	2.38	-21.81	161.28	116.5
2025	3918.00	14140.99	69.000	107.625	785.0	C	2.25	-32.85	243.01	122.6
2026	3918.14	14140.84	91.688	107.813	655.0	C	3.36	-27.44	202.92	122.5
2027	3915.68	14138.60	123.438	104.188	477.0	SH	1.34	-20.01	148.01	117.3
2028	3916.09	14138.62	113.750	104.813	530.0	C	1.54	-22.23	164.36	118.1
2029	3915.69	14139.96	116.188	104.188	514.1	BM	2.06	-21.56	159.46	119.3
2030	3915.93	14140.48	112.313	104.563	529.0	SH	2.36	-22.18	164.05	118.8
2031	3916.29	14140.94	108.000	105.063	560.5	BM	1.96	-23.50	173.77	119.1
2032	3917.31	14142.12	110.750	106.625	539.9	BM	3.83	-22.64	167.42	121.3
2033	3917.69	14142.14	116.313	107.188	501.0	SH	4.28	-21.02	155.42	119.8
2034	3916.96	14142.78	154.750	106.063	324.9	BM	3.86	-13.65	101.10	123.6
2035	3917.64	14143.33	136.125	107.063	423.0	C	3.76	-17.76	131.36	122.9
2036	3917.29	14143.16	141.063	106.563	423.0	SH	2.60	-17.76	131.36	125.3
2037	3915.70	14143.90	189.125	104.250	188.6	BM	3.52	-7.93	59.05	132.1
2038	3926.53	14140.48	76.500	120.250	787.0	C	0.85	-32.93	243.62	114.2
2039	3925.52	14139.28	109.875	118.750	594.0	SH	0.86	-24.90	184.10	111.0
2040	3925.29	14138.20	115.750	118.375	550.0	SH	0.84	-23.06	170.53	108.6
2041	3926.06	14138.11	99.875	119.500	635.0	SH	0.84	-26.61	196.75	108.3
2042	3926.61	14138.87	78.688	120.375	756.0	C	1.26	-31.64	234.06	111.2
2043	3924.79	14137.28	130.188	117.625	440.0	C	1.80	-18.47	136.60	104.6
2044	3923.41	14136.93	150.063	115.625	338.0	C	1.19	-14.20	105.14	104.8
2045	3922.19	14136.22	154.938	113.813	309.0	SH	0.78	-12.98	96.19	104.7
2046	3921.17	14137.21	138.875	112.313	402.0	SH	1.06	-16.88	124.88	109.2
2047	3921.93	14137.59	130.563	113.438	448.0	C	0.98	-18.80	139.07	108.6
2048	3921.82	14139.08	90.563	113.250	678.0	C	0.65	-28.40	210.01	113.2
2049	3920.27	14139.77	64.250	110.938	811.0	C	1.13	-33.93	251.03	116.7
2050	3920.19	14138.24	99.313	110.875	611.0	SH	1.27	-25.61	189.34	112.8

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
2051	3920.71	14140.77	102.125	111.625	632.0	C	1.22	-26.48	195.82	118.8
2052	3920.91	14141.98	131.500	111.938	500.0	SH	1.68	-20.97	155.11	123.1
2053	3919.53	14141.11	83.063	109.875	734.0	SH	1.84	-30.73	227.28	123.3
2054	3921.39	14142.80	146.500	112.625	430.0	C	1.85	-18.05	133.52	124.1
2055	3921.97	14144.08	172.813	113.500	300.0	C	2.66	-12.61	93.42	126.1
2056	3921.23	14143.95	165.813	112.375	340.0	C	1.91	-14.28	105.76	126.1
2057	3922.88	14144.06	126.438	114.813	568.0	C	1.01	-23.81	176.08	126.7
2058	3922.38	14141.48	119.813	114.063	577.0	C	0.84	-24.19	178.86	122.2
2059	3923.44	14141.89	81.188	115.688	779.0	C	0.73	-32.60	241.16	121.5
2060	3921.58	14135.67	155.938	112.875	299.0	SH	0.69	-12.56	93.11	104.4
2061	3921.21	14134.90	154.125	112.375	289.0	SH	0.54	-12.15	90.02	100.8
2062	3920.61	14134.63	151.063	111.500	297.0	SH	0.46	-12.48	92.49	100.0
2063	3920.97	14133.64	152.250	112.000	276.0	SH	0.43	-11.60	86.01	96.4
2064	3920.34	14132.69	151.813	111.063	274.0	SH	0.43	-11.52	85.40	96.5
2065	3920.26	14131.40	154.625	110.938	260.0	SH	0.87	-10.93	81.08	97.9
2066	3921.36	14132.34	152.188	112.563	266.0	SH	0.70	-11.18	82.93	94.5
2067	3922.07	14133.70	151.875	113.625	274.0	SH	0.65	-11.52	85.40	94.6
2068	3922.80	14134.24	144.000	114.688	319.0	SH	0.81	-13.40	99.28	94.9
2069	3923.32	14134.83	127.438	115.500	412.0	C	1.00	-17.30	127.96	96.4
2070	3923.10	14133.22	145.875	115.188	289.0	C	0.87	-12.15	90.02	90.7
2071	3922.43	14132.68	130.500	114.188	371.0	SH	0.74	-15.58	115.32	92.0
2072	3921.69	14131.32	117.438	113.063	436.0	C	1.20	-18.30	135.37	94.1
2073	3922.41	14131.39	81.750	114.125	615.0	C	1.25	-25.77	190.58	92.7
2074	3921.86	14130.41	50.438	113.313	785.0	C	2.32	-32.85	243.01	98.6
2075	3923.24	14131.12	121.938	115.375	415.0	C	0.71	-17.42	128.89	90.8
2076	3924.35	14131.62	145.250	117.000	296.0	SH	0.80	-12.44	92.18	89.4
2077	3924.62	14130.45	143.125	117.375	315.0	SH	0.83	-13.23	98.04	90.7
2078	3923.76	14132.13	145.688	116.125	292.0	SH	0.96	-12.27	90.95	90.3
2079	3924.54	14132.28	144.813	117.250	299.0	SH	0.93	-12.56	93.11	89.6
2080	3924.02	14133.32	127.313	116.500	386.0	C	1.41	-16.21	119.95	91.2
2081	3935.93	14131.09	122.313	134.125	577.0	C	2.29	-24.19	178.86	108.6
2082	3935.28	14131.78	100.688	133.188	675.0	C	2.50	-28.27	209.08	107.8
2083	3936.16	14132.43	90.438	134.500	740.0	C	1.83	-30.98	229.13	107.3
2084	3936.62	14131.05	133.000	135.125	507.0	C	2.61	-21.27	157.27	105.3
2085	3937.19	14130.79	140.188	136.000	466.0	SH	2.63	-19.55	144.62	103.6
2086	3937.88	14130.28	121.563	137.000	567.0	C	2.58	-23.77	175.77	103.7
2087	3931.97	14139.76	181.063	128.250	284.0	SH	1.87	-11.94	88.48	114.4
2088	3931.49	14138.90	167.438	127.563	330.0	C	1.51	-13.86	102.67	109.5
2089	3930.90	14138.78	147.375	126.688	447.0	C	1.35	-18.76	138.76	113.0
2090	3932.02	14138.04	166.875	128.313	329.0	C	3.31	-13.82	102.36	112.9
2091	3932.77	14135.54	111.250	129.438	625.0	C	2.81	-26.19	193.66	113.0
2092	3933.23	14134.78	104.938	130.125	650.0	C	2.40	-27.23	201.37	109.9
2093	3932.38	14133.96	120.313	128.875	540.0	C	2.32	-22.64	167.45	104.6
2094	3932.35	14135.16	136.625	128.813	472.0	C	2.38	-19.80	146.47	107.7
2095	3933.29	14132.65	53.813	130.250	890.0	C	2.97	-37.21	275.39	107.6
2096	3933.03	14133.56	107.313	129.813	618.0	C	2.39	-25.90	191.50	106.2
2097	3932.30	14132.87	93.563	128.750	668.0	C	2.13	-27.98	206.92	102.7
2098	3931.99	14131.24	13.625	128.313	1032.0	MK	2.72	-43.09	319.18	96.7
2099	3932.36	14130.30	-13.813	128.875	1201.0	C	2.86	-50.08	371.29	102.5
2100	3931.88	14135.70	142.750	128.125	433.0	C	2.50	-18.17	134.44	107.2

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
2101	3934.66	14140.28	195.125	132.250	215.0	C	2.58	-9.04	67.20	112.8
2102	3933.99	14139.13	176.438	131.250	294.0	C	2.96	-12.35	91.57	111.6
2103	3934.31	14138.00	80.250	131.750	788.0	SH	2.45	-32.97	243.93	110.9
2104	3933.39	14138.13	153.938	130.375	410.0	C	1.91	-17.21	127.35	110.1
2105	3933.43	14136.03	58.563	130.438	907.0	C	1.70	-37.92	280.63	112.0
2106	3933.75	14137.38	140.625	130.875	470.0	C	2.38	-19.72	145.85	109.3
2107	3934.08	14136.31	109.188	131.375	630.0	C	2.78	-26.40	195.20	109.9
2108	3934.20	14135.50	80.375	131.563	786.0	C	1.83	-32.89	243.32	109.2
2109	3931.74	14136.98	155.063	127.938	398.0	C	2.78	-16.71	123.65	113.6
2110	3931.00	14136.32	120.438	126.813	550.0	C	2.25	-23.06	170.53	108.6
2111	3931.46	14132.24	7.000	127.500	1073.0	C	1.91	-44.79	331.82	96.8
2112	3931.28	14132.99	15.250	127.250	1045.0	C	1.75	-43.63	323.19	99.4
2113	3930.63	14133.97	21.875	126.250	1005.0	C	1.65	-41.98	310.85	98.8
2114	3930.11	14135.18	23.250	125.500	1017.0	C	1.56	-42.47	314.55	103.1
2115	3930.59	14140.26	173.125	126.250	328.0	SH	1.15	-13.78	102.05	115.2
2116	3930.03	14137.54	121.500	125.375	569.0	C	2.04	-23.85	176.39	114.2
2117	3929.89	14139.10	162.750	125.188	378.0	SH	2.02	-15.87	117.48	118.1
2118	3929.06	14138.32	136.750	124.000	486.0	SH	1.72	-20.39	150.79	113.7
2119	3929.08	14139.44	153.563	124.000	428.0	SH	1.80	-17.96	132.90	119.3
2120	3927.79	14138.98	114.688	122.063	578.0	C	2.26	-24.23	179.17	113.1
2121	3928.48	14140.26	140.188	123.125	498.0	C	1.66	-20.89	154.49	120.2
2122	3927.45	14140.99	125.688	121.563	564.0	SH	1.26	-23.65	174.85	119.2
2123	3927.54	14142.47	105.375	121.750	675.0	C	1.44	-28.27	209.08	121.1
2124	3928.13	14144.15	162.750	122.563	370.0	C	4.72	-15.54	115.01	126.3
2125	3927.75	14143.81	131.875	122.000	550.0	C	2.43	-23.06	170.53	125.2
2126	3928.50	14144.61	177.063	123.125	300.0	C	3.40	-12.61	93.42	122.7
2127	3929.35	14143.55	139.375	124.375	493.0	C	3.42	-20.68	152.95	121.8
2128	3929.13	14142.40	88.750	124.063	757.6	TP	1.85	-31.71	234.56	119.4
2129	3928.67	14141.30	145.750	123.375	466.0	SH	1.95	-19.55	144.62	120.0
2130	3930.29	14141.18	165.188	125.750	366.0	C	1.88	-15.37	113.78	117.2
2131	3930.16	14142.01	140.500	125.625	495.0	C	2.13	-20.76	153.57	118.7
2132	3932.92	14139.73	184.750	129.688	269.0	C	2.09	-11.31	83.85	114.3
2133	3925.46	14131.78	143.250	118.625	311.0	C	1.01	-13.07	96.81	89.2
2134	3926.44	14132.28	125.688	120.063	395.0	C	1.29	-16.58	122.72	87.5
2135	3927.05	14132.57	106.438	121.000	508.0	C	1.24	-21.31	157.58	89.5
2136	3936.72	14137.78	189.813	135.313	235.0	C	2.89	-9.88	73.37	109.2
2137	3937.46	14137.28	187.625	136.375	258.0	C	2.63	-10.85	80.46	109.8
2138	3937.90	14136.48	182.313	137.063	278.0	C	2.87	-11.68	86.63	108.4
2139	3938.50	14134.43	167.750	137.938	340.0	SH	3.54	-14.28	105.76	106.9
2140	3938.48	14133.44	160.938	137.938	362.0	C	3.94	-15.20	112.54	105.5
2141	3937.70	14131.60	143.625	136.750	450.0	C	2.96	-18.88	139.69	104.0
2142	3938.65	14135.82	179.500	138.188	302.0	C	2.36	-12.69	94.03	107.8
2143	3939.65	14136.00	166.750	139.625	390.0	C	2.77	-16.37	121.18	112.0
2144	3936.50	14136.35	171.375	135.000	320.0	C	3.65	-13.44	99.59	109.9
2145	3935.88	14136.15	164.125	134.063	360.0	C	2.29	-15.12	111.92	107.7
2146	3935.63	14135.50	150.125	133.688	410.0	C	3.03	-17.21	127.35	105.9
2147	3935.82	14141.25	207.250	134.000	180.0	C	3.35	-7.57	56.40	118.4
2148	3936.12	14141.95	210.250	134.438	175.0	C	3.81	-7.36	54.86	121.2
2149	3935.60	14143.00	216.438	133.625	153.0	C	3.05	-6.44	48.07	121.8
2150	3935.63	14144.70	227.750	133.688	125.0	C	2.86	-5.26	39.43	127.1

No	Lat	Lon	g	gn	H		Tc	B	F+A	gb	No	Lat	Lon	g	gn	H		Tc	B	F+A	gb
			980.	980.	(m)		(1.0)	(1.0)		(2.67)				980.	980.	(m)		(1.0)	(1.0)		(2.67)
2151	3935.51	14145.33	230.000	133.500	145.0	C	2.54	-6.10	45.60	132.5	2201	3934.45	14149.30	214.813	131.938	206.0	C	2.37	-8.66	64.42	130.4
2152	3936.10	14146.03	234.375	134.375	95.0	C	2.74	-4.00	30.18	126.8	2202	3935.48	14152.68	254.313	133.500	35.0	C	1.28	-1.47	11.67	131.9
2153	3936.40	14145.60	224.500	134.813	145.0	C	3.29	-6.10	45.60	127.7	2203	3935.60	14153.84	258.625	133.625	28.0	C	0.86	-1.18	9.51	133.6
2154	3936.37	14146.60	237.063	134.750	90.0	C	2.50	-3.79	28.64	127.4	2204	3934.88	14154.60	250.625	132.563	73.0	C	0.75	-3.07	23.39	135.1
2155	3936.63	14147.50	240.188	135.188	60.0	SH	3.03	-2.53	19.38	125.7	2205	3933.92	14154.59	248.688	131.188	82.0	C	0.82	-3.45	26.17	136.6
2156	3937.12	14148.24	246.313	135.875	40.0	C	2.47	-1.69	13.21	125.7	2206	3933.24	14155.16	255.438	130.125	62.0	C	0.66	-2.61	20.00	140.0
2157	3937.54	14147.48	242.938	136.500	70.0	C	2.25	-2.95	22.47	127.0	2207	3933.00	14155.25	256.188	129.813	59.0	C	0.67	-2.48	19.07	140.5
2158	3938.22	14146.32	237.875	137.500	90.0	C	2.49	-3.79	28.64	125.5	2208	3932.35	14155.32	259.125	128.813	45.0	C	0.65	-1.90	14.75	141.7
2159	3938.73	14145.62	234.063	138.250	115.0	SH	2.31	-4.84	36.35	125.4	2209	3931.90	14154.23	253.063	128.188	55.0	C	1.02	-2.32	17.84	139.2
2160	3938.33	14144.05	217.188	137.688	180.0	C	4.30	-7.57	56.40	127.2	2210	3932.18	14153.23	243.125	128.563	88.0	C	1.45	-3.70	28.02	136.4
2161	3938.29	14143.60	211.063	137.625	220.0	C	4.26	-9.25	68.74	128.8	2211	3932.60	14152.38	239.000	129.188	92.0	C	2.51	-3.87	29.25	135.4
2162	3937.90	14142.90	189.813	137.063	320.0	C	3.65	-13.44	99.59	126.1	2212	3932.83	14151.67	235.063	129.563	105.0	C	2.85	-4.42	33.26	134.5
2163	3937.15	14141.50	137.500	135.938	610.0	C	1.73	-25.56	189.03	126.9	2213	3932.55	14150.88	223.625	129.125	154.0	C	3.22	-6.48	48.38	134.1
2164	3939.60	14144.38	226.500	139.563	155.0	C	2.83	-6.52	48.69	125.8	2214	3932.70	14149.35	204.625	129.375	248.0	C	3.09	-10.43	77.38	133.0
2165	3933.80	14140.30	189.313	131.000	238.0	C	2.71	-10.01	74.29	113.1	2215	3932.48	14148.44	196.500	129.000	280.0	C	3.59	-11.77	87.25	132.8
2166	3931.12	14140.20	176.563	127.000	300.0	C	1.74	-12.61	93.42	113.9	2216	3932.25	14147.85	183.813	128.688	328.0	C	3.54	-13.78	102.05	129.8
2167	3931.20	14141.25	153.438	127.125	450.0	C	1.38	-18.88	139.69	119.2	2217	3931.77	14153.88	252.125	128.000	53.0	C	1.31	-2.23	17.22	138.8
2168	3930.82	14140.50	175.063	126.563	315.0	C	1.57	-13.23	98.04	115.4	2218	3931.13	14152.50	237.125	127.000	108.0	C	2.88	-4.55	34.19	139.8
2169	3930.15	14139.25	166.750	125.563	358.0	SH	1.82	-15.04	111.31	117.2	2219	3930.91	14152.08	230.500	126.688	138.0	B	2.57	-5.81	43.44	138.5
2170	3933.07	14140.08	185.938	129.875	260.0	C	2.36	-10.93	81.08	114.2	2220	3939.50	14146.34	204.750	139.438	298.0	C	1.98	-12.52	92.80	130.0
2171	3932.85	14140.46	183.063	129.563	270.0	C	2.80	-11.35	84.16	114.8	2221	3938.85	14147.38	204.813	138.438	300.0	C	1.43	-12.61	93.42	129.9
2172	3932.62	14141.05	179.000	129.250	290.0	C	2.62	-12.19	90.33	114.6	2222	3937.20	14148.90	249.375	136.000	49.0	C	2.09	-2.06	15.99	129.4
2173	3932.53	14142.03	163.750	129.125	370.0	C	2.70	-15.54	115.01	115.4	2223	3937.48	14149.40	250.875	136.438	40.0	C	2.21	-1.69	13.21	129.0
2174	3932.58	14142.47	155.250	129.188	425.0	C	2.64	-17.84	131.97	117.4	2224	3937.60	14150.52	255.688	136.625	30.0	C	1.32	-1.26	10.13	129.3
2175	3932.30	14141.60	175.875	128.750	335.0	C	2.72	-14.07	104.21	121.0	2225	3937.70	14150.00	252.313	136.750	43.0	C	2.01	-1.81	14.14	130.2
2176	3931.90	14142.20	162.750	128.188	373.0	SH	3.01	-15.66	115.93	116.7	2226	3938.73	14148.94	237.938	138.250	122.0	C	2.29	-5.13	38.51	130.5
2177	3931.33	14143.37	143.750	127.313	472.0	C	3.71	-19.80	146.47	119.9	2227	3938.68	14148.96	238.500	138.188	185.0	C	1.64	-7.78	57.94	141.8
2178	3931.68	14143.87	116.938	127.813	620.0	C	3.83	-25.98	192.12	122.0	2228	3938.38	14149.32	244.625	137.750	77.0	C	2.69	-3.24	24.63	130.0
2179	3939.17	14133.05	149.375	138.938	440.0	C	3.44	-18.47	136.60	107.0	2229	3938.30	14150.34	250.625	137.625	48.0	C	2.76	-2.02	15.68	130.6
2180	3939.83	14132.40	135.375	139.938	510.0	C	3.71	-21.39	158.19	106.4	2230	3939.18	14150.15	239.375	138.938	115.0	C	2.82	-4.84	36.35	131.3
2181	3937.75	14134.19	148.750	136.813	433.0	C	3.37	-18.17	134.44	106.9	2231	3939.62	14150.10	235.813	139.625	150.0	C	2.52	-6.31	47.15	133.2
2182	3936.87	14138.20	187.813	135.500	250.0	C	2.83	-10.51	77.99	109.8	2232	3937.72	14151.95	258.750	136.750	18.0	C	1.38	-0.76	6.42	130.0
2183	3938.06	14138.50	170.188	137.313	355.0	C	3.95	-14.91	110.38	114.0	2233	3937.33	14155.29	270.375	136.188	5.0	C	0.57	-0.21	2.41	137.5
2184	3938.98	14138.68	160.063	138.625	440.0	C	2.75	-18.47	136.60	116.0	2234	3937.54	14156.72	270.750	136.500	20.0	C	0.59	-0.84	7.04	140.5
2185	3939.06	14135.45	177.000	138.750	320.0	C	2.76	-13.44	99.59	109.3	2235	3938.58	14157.58	260.500	138.063	100.0	C	0.95	-4.21	31.72	145.3
2186	3938.85	14136.40	175.500	138.438	335.0	C	2.53	-14.07	104.21	110.5	2236	3938.72	14158.80	266.063	138.250	53.0	C	0.49	-2.23	17.22	140.1
2187	3937.45	14151.25	257.188	136.375	30.0	C	1.22	-1.26	10.13	130.8	2237	3938.66	14158.65	258.625	138.188	86.3	TP	1.08	-3.63	27.49	140.9
2188	3936.68	14150.97	248.188	135.250	56.0	C	2.03	-2.36	18.15	130.2	2238	3939.30	14157.79	272.250	139.125	40.0	C	0.70	-1.69	13.21	143.6
2189	3937.45	14152.48	260.313	136.375	16.0	C	1.07	-0.67	5.81	130.8	2239	3939.53	14158.30	280.063	139.438	7.0	C	0.79	-0.30	3.03	144.8
2190	3937.22	14153.24	261.125	136.063	20.0	C	0.87	-0.84	7.04	132.1	2240	3939.88	14157.97	263.750	140.000	104.0	SH	0.48	-4.38	32.95	146.1
2191	3936.68	14153.30	253.563	135.250	58.0	C	0.82	-2.44	18.76	132.7	2241	3939.71	14156.13	262.563	139.750	85.0	C	0.94	-3.58	27.09	142.7
2192	3937.56	14154.53	265.375	136.563	10.0	C	0.58	-0.42	3.96	133.1	2242	3938.82	14156.28	274.688	138.438	15.0	C	0.67	-0.63	5.50	141.8
2193	3936.36	14154.30	263.000	134.750	15.0	C	0.69	-0.63	5.50	133.8	2243	3939.05	14155.40	261.750	138.750	75.0	C	0.65	-3.16	24.01	140.2
2194	3934.78	14151.39	243.875	132.438	72.0	C	2.40	-3.03	23.08	132.8	2244	3939.03	14154.53	264.313	138.750	42.0	C	0.92	-1.77	13.83	137.1
2195	3933.40	14150.20	216.813	130.375	208.0	C	1.94	-8.75	65.04	133.2	2245	3938.90	14154.10	259.188	138.500	61.0	C	1.03	-2.57	19.69	136.2
2196	3933.45	14149.70	213.750	130.438	232.0	C	2.11	-9.75	72.44	135.3	2246	3938.95	14153.46	250.313	138.625	98.0	C	0.96	-4.13	31.10	134.3
2197	3933.20	14148.22	187.313	130.063	335.0	C	3.20	-14.07	104.21	132.3	2247	3939.50	14153.95	252.000	139.438	102.0	C	1.20	-4.29	32.34	136.6
2198	3933.22	14147.69	171.250	130.125	428.0	SH	2.35	-17.96	132.90	132.2	2248	3938.62	14155.28	270.250	138.125	16.0	C	0.75	-0.67	5.81	138.1
2199	3933.20	14147.00	147.938	130.063	530.0	C	2.83	-22.23	164.36	130.4	2249	3935.45	14154.93	244.750	133.438	118.0	C	0.46	-4.97	37.27	136.5
2200	3934.25	14148.65	202.875	131.625	270.0	C	2.44	-11.35	84.16	131.5	2250	3935.73	14155.92	258.500	133.813	57.0	C	0.58	-2.40	18.46	138.2

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)	No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
2251	3923.18	14133.90	132.063	115.250	370.0	C	0.91	-15.54	115.01	92.8	2301	3943.47	14155.77	275.813	145.313	54.0	C	1.11	-2.27	17.53	144.8
2252	3923.62	14137.48	143.500	115.938	375.0	C	1.44	-15.75	116.55	105.9	2302	3943.27	14157.76	287.313	145.000	17.0	C	0.87	-0.72	6.12	148.7
2253	3924.15	14137.85	134.938	116.688	426.0	C	1.45	-17.88	132.28	106.7	2303	3942.96	14156.53	283.375	144.563	25.0	C	1.11	-1.05	8.58	147.4
2254	3924.62	14139.58	122.500	117.375	518.0	SH	1.42	-21.73	160.66	111.5	2304	3943.05	14155.95	277.938	144.688	40.0	C	1.38	-1.69	13.21	145.6
2255	3924.77	14140.18	115.188	117.625	575.0	C	1.69	-24.10	178.24	115.9	2305	3943.06	14155.51	269.750	144.688	72.0	C	1.56	-3.03	23.08	144.1
2256	3924.98	14141.95	103.938	117.938	659.0	C	1.25	-27.61	204.15	119.7	2306	3943.63	14151.03	176.063	145.563	513.0	C	0.96	-21.52	159.12	134.6
2257	3925.45	14143.50	80.500	118.625	817.0	C	0.96	-34.18	252.88	126.0	2307	3944.55	14150.83	164.313	146.938	585.0	C	1.07	-24.52	181.32	136.0
2258	3925.25	14144.50	48.063	118.313	970.0	C	2.19	-40.53	300.06	127.4	2308	3945.07	14150.13	201.938	147.688	387.0	C	1.39	-16.25	120.25	134.8
2259	3930.30	14157.78	252.625	125.813	115.0	C	0.88	-4.84	36.35	152.4	2309	3943.94	14147.58	91.250	146.000	930.0	C	2.64	-38.87	287.72	136.1
2260	3932.50	14156.64	269.313	129.063	25.0	C	0.89	-1.05	8.58	148.3	2310	3944.72	14149.44	183.375	147.125	477.0	C	1.55	-20.01	148.01	134.8
2261	3936.83	14155.23	263.938	135.500	30.0	C	0.94	-1.26	10.13	137.7	2311	3944.56	14151.11	166.500	146.938	569.0	C	1.05	-23.85	176.39	134.9
2262	3930.52	14155.30	255.063	126.125	66.0	C	0.65	-2.78	21.23	144.4	2312	3943.58	14152.75	218.750	145.438	317.0	C	1.18	-13.32	98.66	139.4
2263	3931.44	14154.86	251.688	127.500	72.0	C	0.68	-3.03	23.08	140.9	2313	3940.57	14154.21	194.063	141.000	405.0	C	1.18	-17.00	125.80	136.5
2264	3931.35	14156.20	264.500	127.375	44.4	BM	0.61	-1.87	14.57	148.3	2314	3941.58	14154.03	242.250	142.500	186.0	SH	1.04	-7.82	58.25	139.8
2265	3930.52	14156.31	261.313	126.125	55.0	C	0.66	-2.32	17.84	148.5	2315	3942.01	14154.26	255.375	143.125	125.0	C	1.26	-5.26	39.43	140.9
2266	3931.41	14156.82	262.000	127.438	67.0	C	0.77	-2.82	21.54	150.5	2316	3942.68	14152.78	230.875	144.125	243.0	SH	1.26	-10.22	75.83	138.6
2267	3931.35	14157.55	254.438	127.375	122.0	C	1.01	-5.13	38.51	154.4	2317	3942.31	14153.52	250.000	143.563	143.0	C	1.35	-6.02	44.99	138.8
2268	3933.63	14156.55	269.875	130.750	15.0	C	0.69	-0.63	5.50	144.7	2318	3943.11	14148.51	67.375	144.750	1020.0	C	3.14	-42.60	315.48	132.6
2269	3934.63	14157.34	270.813	132.188	8.0	C	0.79	-0.34	3.34	143.0	2319	3942.66	14150.35	181.563	144.063	456.0	C	1.97	-19.14	141.54	133.1
2270	3934.37	14158.10	244.063	131.813	135.0	C	1.17	-5.68	42.52	142.6	2320	3941.63	14152.14	231.313	142.563	215.0	C	1.29	-9.04	67.20	135.1
2271	3936.42	14158.88	272.813	134.875	2.0	C	0.81	-0.08	1.49	141.2	2321	3941.13	14151.55	219.688	141.813	251.0	C	1.68	-10.55	78.30	132.4
2272	3936.35	14159.38	265.250	134.750	40.0	C	1.15	-1.69	13.21	142.1	2322	3941.85	14152.90	241.813	142.875	167.0	C	1.67	-7.03	52.39	136.9
2273	3935.52	14158.12	272.750	133.500	2.0	C	0.70	-0.08	1.49	142.2	2323	3942.39	14155.22	268.000	143.688	74.0	C	1.53	-3.12	23.70	143.6
2274	3935.12	14159.78	228.625	132.938	245.0	C	1.50	-10.30	76.45	148.4	2324	3942.41	14156.30	278.750	143.750	32.0	C	1.12	-1.35	10.74	145.1
2275	3934.24	14156.40	269.438	131.625	8.0	C	0.62	-0.34	3.34	141.8	2325	3941.12	14144.80	192.250	141.813	356.0	C	2.10	-14.95	110.69	126.8
2276	3933.28	14158.13	232.688	130.188	215.0	C	1.47	-9.04	67.20	149.2	2326	3940.47	14143.39	220.688	140.875	188.0	C	2.87	-7.91	58.87	125.2
2277	3932.37	14159.60	235.125	128.875	218.0	C	1.86	-9.17	68.12	154.6	2327	3941.27	14143.65	205.563	142.063	275.0	C	2.94	-11.56	85.70	126.2
2278	3935.65	14156.78	270.875	133.750	7.0	C	0.61	-0.30	3.03	140.9	2328	3942.70	14143.43	194.313	144.188	373.0	SH	2.52	-15.66	115.93	131.0
2279	3936.28	14157.52	272.688	134.625	3.0	C	0.54	-0.13	1.80	140.8	2329	3944.18	14144.95	104.750	146.375	866.0	C	1.48	-36.21	267.99	133.6
2280	3936.45	14156.30	266.500	134.875	16.0	C	0.69	-0.67	5.81	137.3	2330	3944.09	14143.91	151.188	146.250	598.0	C	2.46	-25.06	185.33	129.9
2281	3937.42	14157.62	274.438	136.313	7.0	C	0.43	-0.30	3.03	141.4	2331	3943.85	14143.82	159.938	145.875	554.0	C	2.30	-23.23	171.76	129.9
2282	3940.11	14145.70	189.000	140.313	375.0	C	1.92	-15.75	116.55	128.3	2332	3943.28	14144.07	175.813	145.000	463.0	C	2.52	-19.43	143.69	129.3
2283	3941.78	14147.07	98.000	142.813	868.0	C	1.73	-36.30	268.60	131.4	2333	3942.45	14138.74	162.750	143.813	450.0	C	4.91	-18.88	139.68	121.3
2284	3943.00	14146.66	60.813	144.625	1059.0	SH	2.95	-44.21	327.50	133.4	2334	3942.12	14139.91	181.250	143.313	370.0	C	3.90	-15.54	115.01	121.9
2285	3943.34	14145.82	124.563	145.125	743.0	SH	1.99	-31.10	230.05	131.7	2335	3941.61	14139.47	162.000	142.563	446.0	SH	4.58	-18.72	138.45	120.1
2286	3940.98	14155.87	254.625	141.625	135.0	C	0.91	-5.68	42.52	142.7	2336	3943.53	14139.06	69.875	145.375	986.0	C	2.55	-41.19	304.99	126.3
2287	3941.58	14155.81	238.938	142.500	225.0	C	0.69	-9.46	70.28	143.1	2337	3942.13	14140.48	187.500	143.313	337.0	C	4.46	-14.16	104.83	123.1
2288	3940.87	14156.52	264.813	141.438	87.0	C	0.94	-3.66	27.71	143.7	2338	3941.82	14141.41	198.375	142.875	280.0	C	4.78	-11.77	87.25	124.1
2289	3943.70	14157.15	287.938	145.625	18.0	C	0.92	-0.76	6.42	149.0	2339	3942.52	14134.99	66.500	143.875	953.0	C	1.24	-39.82	294.81	114.4
2290	3943.74	14156.56	287.063	145.688	20.0	C	1.14	-0.84	7.04	149.1	2340	3941.35	14134.82	135.563	142.188	548.0	C	3.02	-22.98	169.91	110.0
2291	3944.20	14156.18	278.750	146.375	55.0	C	1.79	-2.32	17.84	148.7	2341	3940.21	14135.57	157.813	140.500	430.0	C	3.14	-18.05	133.52	111.0
2292	3944.73	14155.87	268.750	147.188	102.0	C	1.58	-4.29	32.34	146.5	2342	3941.80	14142.66	213.000	142.813	247.0	C	2.74	-10.38	77.07	126.8
2293	3944.46	14155.11	252.938	146.750	186.0	C	1.53	-7.82	58.25	147.5	2343	3942.70	14141.80	202.938	144.125	293.0	SH	3.31	-12.31	91.26	126.0
2294	3944.92	14155.21	224.438	147.438	335.0	SH	1.17	-14.07	104.21	146.5	2344	3943.32	14141.83	195.500	145.063	335.0	C	3.56	-14.07	104.21	126.5
2295	3945.31	14154.31	204.000	148.000	446.0	C	1.03	-18.72	138.45	147.0	2345	3944.28	14141.33	166.938	146.500	510.0	C	2.16	-21.39	158.19	127.3
2296	3944.47	14154.66	248.188	146.750	215.0	C	1.22	-9.04	67.20	147.6	2346	3945.69	14140.90	193.938	148.563	367.0	C	3.24	-15.41	114.08	126.9
2297	3944.62	14154.11	239.563	147.000	247.0	C	1.10	-10.38	77.07	144.7	2347	3946.39	14141.24	207.625	149.625	305.0	C	3.07	-12.82	94.96	126.9
2298	3944.07	14153.50	239.563	146.188	248.0	C	1.16	-10.43	77.38	145.9	2348	3947.65	14141.19	224.813	151.500	244.0	SH	2.60	-10.26	76.14	129.0
2299	3943.75	14154.27	252.125	145.688	173.0	C	1.14	-7.28	54.24	144.2	2349	3948.32	14141.85	231.000	152.500	215.0	C	3.48	-9.04	67.20	130.8
2300	3943.56	14155.30	268.688	145.438	80.0	C	1.51	-3.37	25.55	143.7	2350	3948.77	14142.69	238.813	153.188	186.0	SH	2.48	-7.82	58.25	129.6

No	Lat	Lon	g 980.	gn 980.	H (m)		Tc (1.0)	B (1.0)	F+A	gb (2.67)
2351	3947.33	14143.73	211.563	151.000	337.0	C	2.46	-14.16	104.83	134.1
2352	3947.86	14143.78	224.938	151.813	260.0	C	2.52	-10.93	81.08	131.8
2353	3948.92	14143.37	244.063	153.375	165.0	C	2.40	-6.94	51.77	130.3
2354	3949.48	14143.82	251.000	154.188	145.0	C	2.16	-6.10	45.60	131.9
2355	3949.48	14143.82	251.000	154.188	145.0	C	2.16	-6.10	45.60	131.9
2356	3947.74	14140.73	223.875	151.625	250.0	C	2.81	-10.51	77.99	129.7
2357	3946.14	14140.48	179.375	149.250	470.0	C	1.87	-19.72	145.85	128.3
2358	3946.81	14140.40	196.000	150.250	385.0	C	2.43	-16.17	119.64	128.7
2359	3948.97	14139.24	180.375	153.438	530.0	C	1.15	-22.23	164.36	135.0
2360	3947.88	14139.39	218.500	151.813	301.0	SH	2.02	-12.65	93.72	132.0
2361	3947.81	14138.62	214.375	151.750	326.0	C	2.02	-13.70	101.44	132.9
2362	3947.73	14137.95	209.875	151.625	338.0	SH	2.49	-14.20	105.14	132.1
2363	3948.14	14138.53	202.938	152.250	392.0	C	1.55	-16.46	121.79	132.7
2364	3945.80	14137.03	118.750	148.750	780.0	C	2.62	-32.64	241.46	131.2
2365	3946.76	14137.34	156.500	150.188	607.0	C	1.86	-25.44	188.11	131.5
2366	3947.33	14137.42	188.563	151.000	440.0	C	1.73	-18.47	136.60	129.5
2367	3948.45	14135.63	171.125	152.688	485.0	C	2.78	-20.35	150.48	122.0
2368	3948.08	14136.05	189.250	152.125	402.0	C	2.37	-16.88	124.88	123.2
2369	3946.77	14135.77	170.813	150.188	480.0	C	2.60	-20.14	148.94	122.7
2370	3945.79	14135.23	153.750	148.750	540.0	C	2.49	-22.64	167.44	118.6
2371	3944.42	14134.89	124.938	146.688	658.0	C	2.61	-27.56	203.84	115.4
2372	3943.08	14135.24	96.125	144.750	800.0	C	2.23	-33.47	247.63	115.6
2373	3942.85	14133.98	32.563	144.375	1095.0	C	1.79	-45.70	338.60	109.5
2374	3943.23	14132.49	20.688	144.938	1152.0	C	1.90	-48.06	356.18	108.7
2375	3942.46	14132.93	10.500	143.813	1203.0	C	2.12	-50.16	371.90	110.3
2376	3947.88	14156.59	291.813	151.813	35.0	C	1.82	-1.47	11.67	152.5
2377	3948.20	14154.56	259.000	152.313	170.0	C	1.72	-7.15	53.31	145.4
2378	3947.75	14154.71	270.938	151.625	122.0	C	1.28	-5.13	38.51	147.4
2379	3947.55	14155.59	282.688	151.313	60.0	C	1.77	-2.53	19.38	148.6
2380	3947.14	14151.86	234.750	150.750	247.0	C	1.41	-10.38	77.07	137.0
2381	3947.73	14152.61	251.563	151.625	170.0	C	1.27	-7.15	53.31	137.5
2382	3946.55	14153.15	252.563	149.875	170.0	C	1.66	-7.15	53.31	141.3
2383	3946.56	14153.85	259.375	149.875	140.0	C	1.86	-5.89	44.06	142.7
2384	3945.81	14152.79	243.500	148.750	210.0	C	1.68	-8.83	65.65	141.2
2385	3947.36	14135.55	181.250	151.063	426.0	C	2.73	-17.88	132.28	122.0
2386	3947.15	14134.56	173.000	150.750	444.0	SH	2.59	-18.63	137.83	117.2
2387	3946.81	14133.52	165.313	150.250	468.0	C	2.24	-19.64	145.24	113.9
2388	3948.12	14132.76	131.500	152.188	640.0	C	2.28	-26.81	198.29	112.1
2389	3947.02	14133.20	163.375	150.563	471.0	SH	2.08	-19.76	146.16	111.7
2390	3946.84	14132.46	155.125	150.313	493.0	C	2.61	-20.68	152.95	109.5
2391	3946.85	14131.96	151.063	150.313	509.0	SH	3.03	-21.35	157.88	109.7
2392	3946.16	14131.90	145.438	149.250	530.0	C	2.46	-22.23	164.36	107.7
2393	3945.81	14131.31	139.500	148.750	549.0	C	2.28	-23.02	170.22	105.6
2394	3945.37	14130.77	131.250	148.125	575.0	C	2.63	-24.10	178.24	104.1
2395	3943.94	14131.15	106.938	146.000	688.0	C	2.61	-28.81	213.09	104.1
2396	3944.34	14130.75	116.875	146.563	636.0	C	2.81	-26.65	197.05	103.7
2397	3944.53	14130.26	120.875	146.875	618.0	C	2.50	-25.90	191.50	103.0
2398	3946.44	14158.30	261.938	149.688	204.0	SH	0.78	-8.58	63.80	154.9
2399	3946.09	14159.75	281.625	149.188	85.0	C	0.83	-3.58	27.09	151.8
2400	3945.48	14155.82	252.250	148.250	200.0	C	1.70	-8.41	62.57	148.5
2401	3945.33	14156.56	260.063	148.063	170.0	C	1.61	-7.15	53.31	150.4
2402	3945.07	14157.54	264.438	147.688	148.0	C	0.82	-6.23	46.53	148.7