**Fig.1. right**

**Haribo Tropifruity Jelly 323K**

**Zone 1**

**TAU(us) Magnitudes**

92101.795 4485.030

75915.538 4486.557

62573.905 4329.331

51576.972 4151.756

42512.674 3959.265

35041.364 3823.777

28883.085 3561.807

23807.082 3295.386

19623.151 3072.411

16174.517 2784.456

13331.957 2559.326

10988.957 2367.943

9057.724 2137.921

7465.891 2051.995

6153.812 1870.584

5072.322 1745.504

4180.896 1612.898

3446.132 1509.238

2840.498 1404.299

2341.300 1306.576

1929.833 1301.937

1590.678 1269.901

1311.127 1258.291

1080.706 1205.398

890.779 1157.884

734.231 1146.987

605.195 1067.144

498.836 1087.331

411.169 1090.468

338.909 1034.720

279.348 1009.773

230.254 1054.249

**Zone 2**

**TAU(us) Magnitudes**

78051.570 3992.193

64334.543 3885.429

53028.190 3820.794

43708.851 3773.481

36027.321 3623.587

29695.767 3413.568

24476.940 3255.151

20175.286 3119.337

16629.619 2805.447

13707.078 2608.340

11298.153 2422.545

9312.580 2285.252

7675.958 2049.447

6326.962 1848.174

5215.042 1736.379

4298.534 1567.252

3543.096 1526.040

2920.421 1383.297

2407.177 1304.443

1984.133 1221.059

1635.435 1197.066

1348.018 1170.226

1111.113 1161.847

915.843 1044.587

754.890 1039.628

622.223 1030.845

512.872 1003.820

422.738 968.520

348.445 950.255

287.208 892.796

236.733 925.359

195.129 919.536

**Zone 3**

**TAU(us) Magnitudes**

69385.213 3401.273

57191.240 3422.633

47140.273 3354.634

38855.694 3220.420

32027.073 3089.006

26398.535 3013.316

21759.174 2826.857

17935.149 2642.947

14783.170 2461.147

12185.130 2266.003

10043.677 2080.121

8278.570 1961.285

6823.668 1742.164

5624.455 1629.249

4635.996 1527.119

3821.252 1468.833

3149.693 1271.720

2596.156 1274.529

2139.900 1169.795

1763.827 1117.902

1453.846 1057.326

1198.343 1061.763

987.742 1002.961

814.153 925.131

671.072 945.210

553.135 931.212

455.926 936.311

375.800 912.621

309.756 941.745

255.318 856.737

210.448 907.616

173.463 865.248

**Zone 4**

**TAU(us) Magnitudes**

57464.878 2969.000

47365.821 2916.711

39041.604 2876.672

32180.311 2863.181

26524.842 2750.063

21863.284 2606.291

18020.962 2512.830

14853.902 2381.007

12243.431 2257.545

10091.732 2043.751

8318.180 1856.301

6856.317 1786.910

5651.366 1655.443

4658.178 1509.085

3839.535 1432.451

3164.763 1370.729

2608.578 1271.989

2150.138 1204.152

1772.266 1191.493

1460.803 1026.818

1204.077 1080.709

992.468 967.223

818.049 964.425

674.282 894.948

555.782 968.386

458.107 906.490

377.598 905.993

311.238 965.195

256.540 959.832

211.455 831.662

174.293 883.448

143.662 843.329

**Zone 5**

**TAU(us) Magnitudes**

49354.400 2552.058

40680.704 2588.038

33531.350 2472.246

27638.446 2510.219

22781.179 2434.779

18777.544 2234.580

15477.520 2227.433

12757.452 2127.091

10515.418 1906.539

8667.405 1792.874

7144.169 1633.961

5888.630 1658.549

4853.744 1463.086

4000.732 1368.885

3297.631 1312.113

2718.095 1253.006

2240.408 1063.806

1846.672 1124.087

1522.132 1025.751

1254.628 1037.146

1034.136 1000.265

852.393 957.064

702.591 938.137

579.116 991.867

477.340 916.969

393.451 929.571

324.305 816.776

267.310 870.309

220.332 863.356

181.610 883.749

149.694 809.796

123.386 847.308

**Zone 6**

**TAU(us) Magnitudes**

42340.169 2280.045

34899.175 2249.063

28765.885 2220.686

23710.479 2182.003

19543.525 2151.494

16108.885 2063.098

13277.859 1964.125

10944.367 1832.947

9020.970 1700.653

7435.596 1695.824

6128.842 1536.313

5051.740 1464.114

4163.931 1396.983

3432.149 1282.817

2828.972 1204.381

2331.800 1190.704

1922.002 1047.342

1584.224 1031.667

1305.807 1049.763

1076.321 1006.969

887.165 977.957

731.252 884.764

602.739 985.574

496.812 910.563

409.501 928.999

337.534 869.497

278.214 850.599

229.320 909.148

189.019 828.327

155.800 795.606

128.419 893.063

105.850 872.853

**Zone 7**

**TAU(us) Magnitudes**

89.642 3674.546

108.754 3754.580

131.942 3626.795

160.074 3625.361

194.205 3652.490

235.612 3665.185

285.847 3636.801

346.794 3618.296

420.735 3600.582

510.442 3561.477

619.276 3579.787

751.314 3512.630

911.504 3475.296

1105.850 3374.131

1341.633 3422.423

1627.688 3341.910

1974.733 3278.871

2395.774 3207.398

2906.587 3146.881

3526.312 3059.044

4278.171 3026.796

5190.337 2854.364

6296.990 2774.397

7639.596 2665.558

9268.465 2458.133

11244.632 2320.876

13642.145 2335.830

16550.842 2255.764

20079.713 2185.576

24360.989 2076.315

29555.094 2041.887

35856.654 1989.661

**Zone 8**

**TAU(us) Magnitudes**

72.091 3625.516

87.462 3639.656

106.110 3587.225

128.734 3574.905

156.182 3574.703

189.482 3592.962

229.882 3580.233

278.896 3615.310

338.360 3525.781

410.504 3519.953

498.029 3457.787

604.215 3427.762

733.043 3423.793

889.338 3363.092

1078.957 3402.944

1309.006 3283.183

1588.104 3214.907

1926.710 3113.245

2337.512 3009.832

2835.902 2937.366

3440.556 2808.513

4174.130 2690.658

5064.114 2608.655

6143.854 2481.381

7453.809 2370.512

9043.066 2215.601

10971.174 2162.459

13310.382 2053.996

16148.342 1965.877

19591.395 1889.902

23768.555 1880.212

28836.345 1838.380

**Zone 9**

**TAU(us) Magnitudes**

65.361 3584.201

79.297 3540.355

96.205 3524.673

116.717 3579.873

141.603 3529.163

171.794 3549.180

208.423 3511.903

252.862 3451.362

306.776 3467.139

372.185 3423.454

451.540 3459.184

547.814 3374.407

664.616 3323.036

806.321 3340.843

978.240 3305.408

1186.815 3218.279

1439.861 3157.125

1746.859 3082.138

2119.314 2982.487

2571.181 2843.969

3119.393 2795.575

3784.492 2674.331

4591.398 2526.552

5570.349 2439.724

6758.025 2298.328

8198.931 2158.338

9947.058 2057.909

12067.910 1954.200

14640.958 1818.417

17762.616 1715.098

21549.854 1737.177

26144.585 1691.318

**Zone 10**

**TAU(us) Magnitudes**

54.747 3504.256

66.420 3468.197

80.582 3443.147

97.763 3458.613

118.607 3569.566

143.896 3505.517

174.577 3394.274

211.799 3370.653

256.957 3420.431

311.744 3386.299

378.212 3357.541

458.853 3304.994

556.687 3271.568

675.380 3279.532

819.380 3192.953

994.084 3106.750

1206.036 3050.338

1463.180 3006.151

1775.151 2873.663

2153.638 2726.667

2612.823 2657.826

3169.914 2557.605

3845.784 2439.339

4665.759 2303.415

5660.564 2164.583

6867.476 2044.624

8331.718 1890.646

10108.157 1781.230

12263.358 1744.213

14878.078 1636.610

18050.293 1652.104

21898.868 1574.168

**Zone 11**

**TAU(us) Magnitudes**

50.148 3476.778

60.840 3478.773

73.812 3479.961

89.550 3444.604

108.643 3479.207

131.808 3299.870

159.911 3411.422

194.006 3396.349

235.371 3342.919

285.555 3380.742

346.440 3306.883

420.305 3265.761

509.920 3243.389

618.642 3218.526

750.546 3143.597

910.573 3070.643

1104.719 2976.039

1340.261 2960.474

1626.024 2870.793

1972.715 2711.050

2393.325 2607.903

2903.615 2517.614

3522.707 2393.947

4273.797 2206.518

5185.031 2151.815

6290.552 1978.756

7631.786 1818.015

9258.990 1765.858

11233.136 1617.273

13628.199 1523.689

16533.922 1493.187

20059.185 1413.961

**Zone 12**

**TAU(us) Magnitudes**

44.637 3405.274

54.155 3397.132

65.701 3427.800

79.710 3397.238

96.705 3354.307

117.324 3386.261

142.339 3349.156

172.687 3329.811

209.507 3255.986

254.176 3284.098

308.370 3241.361

374.119 3207.422

453.887 3152.823

550.662 3129.308

668.071 3111.724

810.513 3003.120

983.325 2877.327

1192.984 2875.750

1447.345 2787.928

1755.939 2622.705

2130.330 2500.867

2584.546 2386.313

3135.608 2310.310

3804.164 2146.259

4615.265 2007.984

5599.304 1885.916

6793.154 1752.162

8241.549 1614.448

9998.763 1479.055

12130.639 1448.987

14717.062 1372.347

17854.946 1316.044

**Zone 13**

**TAU(us) Magnitudes**

37.749 3333.507

45.797 3374.428

55.562 3376.142

67.409 3370.232

81.781 3377.868

99.218 3265.573

120.373 3254.546

146.038 3272.932

177.175 3241.350

214.951 3246.731

260.782 3122.780

316.384 3213.639

383.841 3126.059

465.682 3093.074

564.972 3020.341

685.431 2914.772

831.575 2891.198

1008.879 2788.555

1223.986 2675.706

1484.957 2586.491

1801.570 2467.663

2185.690 2303.845

2651.710 2189.148

3217.091 2037.188

3903.020 1941.205

4735.199 1735.085

5744.810 1637.394

6969.684 1522.631

8455.718 1489.778

10258.596 1363.600

12445.872 1332.100

15099.507 1209.176

**Zone 14**

**TAU(us) Magnitudes**

33.860 3308.585

41.080 3319.897

49.838 3272.920

60.465 3262.282

73.356 3298.567

88.997 3323.587

107.972 3212.575

130.994 3215.212

158.923 3167.527

192.808 3210.714

233.918 3131.108

283.792 3124.023

344.300 3056.947

417.710 3052.397

506.772 2957.645

614.823 2874.852

745.911 2812.518

904.950 2755.398

1097.898 2656.576

1331.985 2589.386

1615.983 2442.260

1960.534 2256.131

2378.547 2210.238

2885.687 2027.952

3500.955 1882.840

4247.408 1738.304

5153.015 1617.284

6251.710 1555.347

7584.663 1391.861

9201.819 1314.362

11163.776 1237.435

13544.049 1205.001

**Zone 15**

**TAU(us) Magnitudes**

28.883 3182.444

35.041 3284.584

42.512 3282.506

51.576 3243.570

62.573 3321.584

75.914 3139.440

92.100 3241.872

111.737 3199.777

135.561 3197.337

164.464 3127.552

199.531 3095.306

242.073 3045.464

293.687 2959.127

356.305 2963.420

432.274 2898.234

524.441 2815.236

636.259 2767.926

771.918 2657.750

936.502 2579.289

1136.178 2510.678

1378.427 2355.274

1672.326 2211.275

2028.890 2058.278

2461.478 1955.692

2986.299 1831.687

3623.020 1756.404

4395.499 1581.825

5332.681 1458.530

6469.683 1306.793

7849.110 1273.257

9522.650 1200.206

11553.013 1142.735

**Zone 16**

**TAU(us) Magnitudes**

26.247 3269.503

31.844 3200.355

38.633 3253.839

46.870 3197.449

56.863 3237.083

68.988 3213.573

83.697 3124.615

101.542 3159.905

123.192 3079.826

149.458 3116.794

181.325 3049.417

219.986 3040.265

266.890 3026.020

323.795 2943.452

392.832 2887.595

476.590 2790.873

578.205 2697.854

701.487 2636.194

851.054 2564.422

1032.510 2478.555

1252.656 2339.798

1519.740 2209.044

1843.770 2086.055

2236.888 1957.036

2713.823 1840.344

3292.448 1703.212

3994.445 1502.245

4846.116 1412.604

5879.376 1296.955

7132.941 1245.080

8653.785 1195.400

10498.893 1010.285

**Zone 17**

**TAU(us) Magnitudes**

23.009 3210.070

27.915 3132.380

33.867 3163.164

41.088 3142.776

49.848 3153.592

60.477 3140.164

73.371 3148.402

89.015 3147.223

107.994 3086.641

131.020 3052.897

158.955 3057.926

192.846 3016.564

233.964 2935.885

283.848 2929.579

344.369 2883.571

417.793 2762.724

506.873 2777.424

614.945 2557.469

746.060 2560.087

905.130 2469.903

1098.117 2300.383

1332.251 2169.893

1616.305 2106.823

1960.924 1853.786

2379.021 1701.479

2886.261 1622.583

3501.652 1503.705

4248.254 1440.812

5154.041 1238.598

6252.955 1236.093

7586.172 1151.197

9203.651 1072.107

**Zone 18**

**TAU(us) Magnitudes**

19.283 3136.390

23.394 3173.054

28.382 3145.782

34.434 3169.945

41.775 3120.270

50.683 3151.946

61.489 3112.394

74.599 3021.279

90.505 3032.598

109.802 3041.955

133.213 2981.347

161.616 2992.193

196.074 2989.633

237.880 2857.385

288.600 2806.255

350.133 2700.694

424.786 2693.027

515.357 2626.308

625.238 2495.342

758.547 2399.119

920.280 2202.738

1116.497 2066.790

1354.550 1964.202

1643.359 1877.990

1993.746 1827.679

2418.841 1589.348

2934.571 1471.962

3560.263 1459.963

4319.361 1354.198

5240.309 1205.835

6357.617 1106.629

7713.150 1040.279

**Zone 19**

**TAU(us) Magnitudes**

18.326 3149.642

22.234 3040.846

26.974 3104.167

32.725 3143.060

39.703 3063.908

48.168 3091.081

58.438 3058.426

70.898 3017.448

86.015 2992.173

104.354 3024.575

126.604 2993.283

153.597 2946.516

186.347 2916.951

226.078 2857.499

274.281 2801.675

332.762 2737.335

403.712 2592.466

489.788 2598.293

594.218 2449.205

720.914 2369.304

874.623 2318.882

1061.105 2168.729

1287.347 2012.086

1561.828 1892.735

1894.831 1793.166

2298.836 1621.196

2788.980 1504.176

3383.629 1341.542

4105.066 1319.552

4980.324 1157.523

6042.199 1118.242

7330.480 985.295

**Zone 202**

**TAU(us) Magnitudes**

15.979 3111.128

19.386 3053.836

23.519 3053.350

28.534 3091.384

34.618 2988.671

41.999 3044.605

50.954 3044.384

61.818 3006.325

74.998 2982.804

90.989 2986.320

110.389 2923.296

133.926 2877.414

162.480 2805.071

197.123 2715.004

239.153 2682.272

290.144 2683.156

352.006 2650.353

427.059 2560.830

518.114 2429.777

628.583 2369.660

762.606 2134.824

925.204 2098.674

1122.470 1964.057

1361.797 1861.179

1652.151 1772.344

2004.413 1575.387

2431.782 1480.443

2950.272 1304.586

3579.311 1160.907

4342.470 1196.082

5268.346 1059.269

6391.631 1113.055

**Zone 21**

**TAU(us) Magnitudes**

14.724 3100.625

17.864 3017.281

21.672 3010.931

26.293 3024.530

31.899 2989.164

38.701 3004.798

46.952 3047.064

56.963 2922.803

69.109 2885.021

83.844 2925.208

101.720 2899.517

123.408 2862.429

149.721 2820.720

181.643 2789.315

220.372 2772.282

267.359 2658.972

324.363 2617.904

393.522 2486.718

477.427 2395.456

579.221 2240.143

702.719 2227.246

852.548 2103.806

1034.323 1963.554

1254.856 1818.784

1522.408 1713.035

1847.007 1610.497

2240.815 1448.888

2718.588 1362.060

3298.229 1161.077

4001.458 1126.113

4854.625 1046.028

5889.699 1026.495

**Zone 22**

**TAU(us) Magnitudes**

12.555 3022.039

15.232 2967.761

18.480 3085.100

22.420 3015.812

27.200 3001.480

33.000 2904.266

40.036 2992.056

48.572 2983.256

58.928 2950.632

71.493 2898.559

86.736 2867.087

105.229 2874.204

127.666 2782.366

154.886 2743.622

187.910 2742.330

227.974 2622.158

276.582 2551.012

335.553 2489.435

407.098 2375.463

493.896 2249.973

599.202 2140.629

726.960 2073.425

881.959 1952.912

1070.005 1793.120

1298.144 1663.388

1574.927 1510.925

1910.724 1448.609

2318.117 1364.277

2812.372 1251.523

3412.009 1115.399

4139.497 1093.904

5022.095 1007.520

**Zone 23**

**TAU(us) Magnitudes**

11.157 2984.678

13.535 2964.362

16.421 2930.433

19.923 2971.414

24.170 3012.758

29.324 2973.120

35.576 2989.904

43.162 2939.115

52.364 2887.698

63.529 2922.829

77.074 2938.449

93.508 2861.004

113.445 2805.699

137.633 2795.022

166.978 2686.699

202.580 2620.867

245.773 2590.239

298.175 2471.913

361.750 2447.980

438.881 2284.719

532.456 2176.112

645.983 2042.709

783.716 1930.648

950.815 1853.663

1153.542 1680.999

1399.494 1615.802

1697.885 1395.448

2059.898 1380.376

2499.097 1186.090

3031.940 1168.825

3678.392 1110.627

4462.676 1059.131

**Zone 24**

**TAU(us) Magnitudes**

9.996 3002.824

12.128 3025.033

14.714 2971.933

17.851 3049.553

21.657 2984.157

26.274 2961.285

31.876 2963.220

38.673 2886.349

46.918 2895.691

56.922 2816.381

69.058 2863.426

83.782 2908.346

101.646 2810.697

123.318 2748.119

149.612 2674.282

181.511 2606.033

220.212 2588.992

267.164 2547.307

324.127 2370.698

393.235 2251.054

477.078 2216.545

578.798 2151.225

702.206 1987.214

851.926 1830.674

1033.569 1701.990

1253.940 1543.225

1521.298 1496.993

1845.660 1393.540

2239.180 1250.817

2716.605 1192.927

3295.823 1084.579

3998.539 1106.365

**Zone 25**

**TAU(us) Magnitudes**

9.456 3014.038

11.472 2954.486

13.918 2963.136

16.886 2979.879

20.486 2965.715

24.854 2877.010

30.153 2918.806

36.582 2865.786

44.382 2878.644

53.845 2894.423

65.325 2791.394

79.254 2779.409

96.152 2725.757

116.652 2777.203

141.524 2652.505

171.699 2592.551

208.308 2595.295

252.722 2451.161

306.606 2411.199

371.979 2300.073

451.290 2157.270

547.511 2070.979

664.248 1950.075

805.875 1844.477

977.699 1772.754

1186.158 1579.706

1439.064 1470.738

1745.892 1455.191

2118.141 1258.518

2569.758 1220.636

3117.667 1050.647

3782.397 1045.145

**Zone 26**

**TAU(us) Magnitudes**

8.974 2958.183

10.887 2905.005

13.208 2908.178

16.024 2972.910

19.441 2901.439

23.586 2946.395

28.615 2866.091

34.716 2876.868

42.118 2874.265

51.098 2833.871

61.993 2837.265

75.211 2802.931

91.247 2759.855

110.703 2758.723

134.306 2628.581

162.942 2519.911

197.683 2508.658

239.832 2446.011

290.968 2359.463

353.006 2251.159

428.272 2177.526

519.585 2067.153

630.368 1937.764

764.772 1820.971

927.832 1740.299

1125.658 1618.246

1365.664 1487.979

1656.843 1314.202

2010.105 1240.288

2438.688 1188.575

2958.650 1120.194

3589.476 974.789

**Zone 27**

**TAU(us) Magnitudes**

8.074 2897.740

9.795 3013.424

11.884 2950.339

14.418 2928.043

17.492 2898.530

21.221 2858.930

25.746 2891.676

31.235 2835.505

37.895 2843.021

45.974 2788.578

55.777 2776.760

67.669 2710.852

82.097 2721.367

99.602 2638.852

120.838 2612.937

146.602 2576.779

177.860 2474.494

215.782 2406.219

261.790 2340.162

317.607 2208.202

385.326 2160.268

467.482 1997.711

567.156 1887.667

688.082 1791.973

834.791 1692.657

1012.780 1586.133

1228.718 1426.568

1490.698 1319.674

1808.536 1283.259

2194.142 1139.969

2661.963 1071.126

3229.531 986.202

**Zone 28**

**TAU(us) Magnitudes**

7.532 2895.568

9.138 2910.601

11.087 2893.495

13.451 2939.415

16.318 2941.732

19.798 2885.119

24.019 2852.877

29.140 2898.436

35.353 2889.843

42.891 2768.307

52.036 2750.342

63.131 2730.616

76.591 2713.561

92.921 2665.563

112.733 2640.293

136.770 2605.872

165.931 2490.689

201.310 2443.862

244.232 2385.909

296.305 2216.288

359.482 2157.265

436.128 2062.823

529.117 1915.607

641.932 1838.567

778.801 1701.546

944.852 1536.596

1146.307 1485.972

1390.716 1349.791

1687.236 1306.799

2046.979 1169.455

2483.423 1107.324

3012.924 1004.248

**Zone 29**

**TAU(us) Magnitudes**

7.168 2927.808

8.696 2900.453

10.550 2899.170

12.800 2849.556

15.529 2853.208

18.839 2896.559

22.856 2891.210

27.730 2868.156

33.642 2813.654

40.815 2883.867

49.517 2760.266

60.075 2727.188

72.884 2677.646

88.424 2705.257

107.277 2572.990

130.150 2583.723

157.900 2462.311

191.566 2363.807

232.411 2370.675

281.964 2203.759

342.082 2178.382

415.019 2010.099

503.507 1878.395

610.862 1805.593

741.106 1729.174

899.120 1625.196

1090.825 1454.075

1323.404 1312.270

1605.573 1266.549

1947.903 1133.102

2363.224 1064.235

2867.096 986.159

**Zone 30**

**TAU(us) Magnitudes**

6.622 2833.493

8.034 2859.782

9.747 2858.487

11.826 2822.229

14.347 2827.367

17.406 2853.300

21.117 2844.828

25.620 2809.207

31.082 2836.790

37.709 2768.632

45.749 2771.600

55.503 2748.252

67.338 2707.519

81.695 2710.937

99.113 2591.564

120.246 2573.797

145.884 2509.766

176.988 2395.382

214.725 2332.433

260.507 2201.808

316.051 2146.000

383.437 1977.978

465.192 1883.905

564.377 1815.273

684.710 1708.664

830.700 1610.556

1007.817 1502.968

1222.698 1411.557

1483.394 1287.061

1799.674 1190.731

2183.390 1111.824

2648.919 1061.930

**Zone 313**

**TAU(us) Magnitudes**

5.923 2928.873

7.186 2886.661

8.718 2917.819

10.577 2914.597

12.832 2910.456

15.568 2914.567

18.888 2820.811

22.915 2846.607

27.801 2785.246

33.728 2796.046

40.919 2752.389

49.644 2723.474

60.229 2682.582

73.070 2748.697

88.650 2624.539

107.551 2522.450

130.483 2524.158

158.304 2391.904

192.056 2375.069

233.005 2257.493

282.685 2116.661

342.957 2047.472

416.081 1918.447

504.795 1782.208

612.424 1726.077

743.002 1582.051

901.420 1451.221

1093.616 1425.859

1326.790 1324.905

1609.680 1177.241

1952.887 1118.217

2369.269 1066.217

**Zone 32**

**TAU(us) Magnitudes**

6.002 2866.754

7.282 2874.640

8.835 2852.810

10.719 2873.011

13.004 2852.014

15.776 2830.176

19.140 2844.920

23.221 2826.929

28.172 2826.906

34.179 2753.329

41.466 2765.311

50.308 2723.673

61.034 2702.721

74.047 2774.212

89.835 2593.994

108.989 2576.625

132.227 2510.794

160.420 2429.947

194.624 2325.002

236.120 2273.423

286.465 2174.377

347.543 2029.365

421.644 1962.256

511.544 1852.396

620.613 1740.819

752.936 1673.829

913.472 1554.854

1108.237 1443.696

1344.529 1330.462

1631.202 1157.606

1978.997 1147.308

2400.947 1052.307

**Zone 33**

**TAU(us) Magnitudes**

5.832 2834.846

7.076 2883.066

8.585 2868.853

10.415 2856.381

12.635 2843.370

15.329 2793.513

18.598 2825.528

22.563 2818.490

27.374 2821.561

33.211 2764.946

40.292 2795.117

48.882 2790.216

59.305 2662.685

71.949 2673.070

87.290 2646.534

105.901 2592.640

128.481 2438.487

155.875 2389.229

189.110 2379.325

229.431 2215.101

278.349 2095.268

337.696 2022.640

409.698 1934.187

497.051 1836.716

603.030 1707.125

731.604 1653.408

887.592 1515.368

1076.839 1393.570

1306.437 1281.239

1584.987 1251.298

1922.929 1105.371

2332.924 1003.082

**Zone 343**

**TAU(us) Magnitudes**

6.002 2795.286

7.282 2814.068

8.834 2812.309

10.718 2846.203

13.003 2828.291

15.776 2885.340

19.139 2764.440

23.220 2808.766

28.171 2770.120

34.177 2807.572

41.464 2791.742

50.305 2722.890

61.031 2687.706

74.044 2669.913

89.831 2632.311

108.984 2636.028

132.221 2457.042

160.412 2402.346

194.614 2314.048

236.109 2240.051

286.451 2122.327

347.526 2061.407

421.623 1923.083

511.519 1820.063

620.582 1700.074

752.899 1638.464

913.428 1530.835

1108.183 1357.338

1344.464 1243.831

1631.122 1216.547

1978.900 1126.856

2400.829 966.556

**Zone 35**

**TAU(us) Magnitudes**

5.331 2909.149

6.468 2902.716

7.847 2809.119

9.520 2842.870

11.549 2890.748

14.012 2844.786

16.999 2803.206

20.624 2852.940

25.021 2792.168

30.356 2780.466

36.828 2705.098

44.681 2682.845

54.207 2669.018

65.765 2671.521

79.787 2528.514

96.799 2530.092

117.438 2469.771

142.477 2373.656

172.856 2310.025

209.711 2189.812

254.424 2122.119

308.671 1947.362

374.484 1864.774

454.329 1827.095

551.198 1694.644

668.721 1523.450

811.302 1471.228

984.283 1384.148

1194.146 1225.136

1448.755 1187.340

1757.650 1082.147

2132.405 1031.534

**Zone 36**

**TAU(us) Magnitudes**

5.538 2866.778

6.719 2831.406

8.152 2838.820

9.890 2819.701

11.998 2853.083

14.557 2779.808

17.660 2866.276

21.426 2763.772

25.994 2787.950

31.536 2767.526

38.261 2718.869

46.418 2711.268

56.315 2712.602

68.322 2658.914

82.890 2656.845

100.563 2575.606

122.004 2502.586

148.017 2452.126

179.577 2324.231

217.865 2250.669

264.317 2204.615

320.673 2024.490

389.045 1901.532

471.995 1901.661

572.631 1721.479

694.724 1625.680

842.848 1530.367

1022.555 1378.892

1240.579 1328.440

1505.087 1120.778

1825.993 1122.340

2215.320 1063.549

**Zone 37**

**TAU(us) Magnitudes**

5.083 2818.452

6.167 2873.898

7.482 2831.360

9.077 2892.670

11.012 2810.860

13.360 2837.490

16.209 2812.483

19.665 2739.486

23.858 2783.393

28.945 2778.647

35.116 2720.233

42.603 2738.633

51.687 2658.148

62.707 2668.566

76.077 2622.093

92.298 2521.116

111.977 2470.650

135.852 2444.486

164.817 2305.957

199.959 2121.993

242.593 2059.925

294.317 2042.747

357.070 1965.831

433.202 1785.125

525.566 1641.987

637.625 1590.262

773.575 1500.895

938.512 1413.722

1138.616 1250.962

1381.385 1229.473

1675.916 1063.616

2033.244 1069.409

**Zone 38**

**TAU(us) Magnitudes**

5.867 2815.656

7.118 2781.448

8.636 2873.069

10.477 2829.243

12.711 2866.239

15.421 2759.192

18.709 2780.574

22.697 2806.596

27.537 2768.877

33.408 2804.008

40.531 2701.184

49.173 2747.894

59.657 2703.082

72.377 2686.490

87.809 2629.003

106.531 2568.836

129.245 2529.561

156.802 2401.110

190.234 2359.202

230.795 2299.554

280.004 2176.501

339.704 2008.850

412.134 2008.455

500.007 1883.777

606.615 1778.748

735.954 1671.980

892.869 1565.279

1083.242 1328.764

1314.204 1372.061

1594.411 1238.302

1934.362 1045.079

2346.795 1000.801

**Zone 39**

**TAU(us) Magnitudes**

5.118 2925.878

6.210 2827.909

7.534 2776.417

9.140 2853.373

11.089 2830.304

13.453 2799.707

16.321 2776.346

19.801 2847.090

24.023 2774.831

29.145 2745.254

35.359 2717.433

42.898 2651.033

52.045 2676.544

63.141 2621.300

76.604 2556.704

92.937 2514.102

112.753 2396.980

136.793 2328.962

165.959 2263.380

201.344 2145.103

244.274 2015.853

296.356 1896.975

359.543 1838.200

436.203 1769.519

529.208 1623.365

642.042 1519.334

778.935 1420.886

945.014 1345.364

1146.505 1178.846

1390.956 1117.183

1687.527 1027.504

2047.331 961.719

**Zone 40**

**TAU(us) Magnitudes**

5.356 2813.857

6.498 2821.708

7.884 2769.998

9.565 2823.290

11.604 2831.053

14.078 2863.901

17.080 2773.184

20.722 2837.478

25.140 2845.354

30.500 2779.843

37.003 2800.177

44.893 2780.207

54.465 2696.849

66.077 2662.594

80.166 2622.084

97.258 2538.726

117.995 2480.322

143.153 2460.231

173.676 2456.664

210.706 2215.867

255.631 2149.110

310.135 2065.060

376.260 1905.809

456.484 1856.795

553.813 1743.726

671.894 1608.756

815.151 1555.569

988.953 1386.862

1199.811 1243.066

1455.628 1155.461

1765.988 1162.335

2142.521 1022.591