**Fig.1. right**

**Haribo Bear Jelly 323K**

**Zone 1**

**TAU(us) Magnitudes**

94596.901 3446.613

77972.147 3474.876

64269.078 3425.254

52974.230 3287.016

43664.374 3110.738

35990.660 2965.700

29665.549 2822.095

24452.033 2558.669

20154.757 2382.335

16612.697 2178.207

13693.130 1954.845

11286.656 1744.098

9303.104 1731.494

7668.148 1626.557

6320.523 1412.510

5209.735 1345.646

4294.160 1251.784

3539.491 1185.448

2917.450 1104.829

2404.728 1005.636

1982.114 993.427

1633.771 945.599

1346.647 972.000

1109.983 916.062

914.911 904.078

754.122 897.354

621.590 865.790

512.350 799.839

422.308 856.299

348.090 829.212

286.916 795.544

236.492 746.669

**Zone 2**

**TAU(us) Magnitudes**

82195.162 3011.415

67749.928 3105.790

55843.344 3010.645

46029.261 2937.949

37939.935 2824.087

31272.252 2688.594

25776.369 2504.427

21246.350 2375.526

17512.450 2222.956

14434.757 2047.547

11897.948 1866.829

9806.966 1725.256

8083.459 1534.532

6662.847 1467.802

5491.897 1361.534

4526.734 1276.671

3731.192 1165.826

3075.460 1054.175

2534.969 1048.530

2089.466 969.166

1722.257 943.158

1419.582 888.837

1170.100 841.054

964.463 858.398

794.965 795.664

655.256 792.630

540.099 793.907

445.180 767.476

366.943 761.410

302.455 757.868

249.301 783.012

205.488 701.779

**Zone 3**

**TAU(us) Magnitudes**

68816.937 2688.835

56722.834 2667.904

46754.186 2656.590

38537.460 2525.221

31764.766 2448.905

26182.327 2354.340

21580.963 2239.912

17788.258 2084.853

14662.094 1992.361

12085.332 1789.200

9961.418 1696.408

8210.767 1548.783

6767.781 1401.446

5578.390 1281.804

4598.027 1238.443

3789.955 1139.844

3123.896 1025.936

2574.893 950.331

2122.373 902.330

1749.381 880.933

1441.939 832.098

1188.528 805.140

979.653 752.304

807.485 743.329

665.575 745.006

548.605 778.993

452.192 659.837

372.722 677.478

307.219 728.494

253.227 671.540

208.724 666.082

172.042 646.385

**Zone 4**

**TAU(us) Magnitudes**

57093.176 2262.681

47059.443 2290.939

38789.070 2216.596

31972.158 2185.878

26353.271 2139.540

21721.865 1980.753

17904.397 1933.402

14757.822 1846.399

12164.236 1718.781

10026.456 1534.032

8264.375 1504.577

6811.968 1381.180

5614.811 1268.952

4628.047 1247.071

3814.700 1047.062

3144.292 1025.686

2591.705 1004.618

2136.230 884.545

1760.803 853.918

1451.354 816.699

1196.288 758.839

986.049 787.963

812.757 711.115

669.921 746.412

552.187 759.719

455.144 689.592

375.155 677.750

309.224 679.764

254.880 699.436

210.087 681.413

173.166 739.774

142.733 677.920

**Zone 5**

**TAU(us) Magnitudes**

49055.280 1994.106

40434.152 2004.695

33328.128 1944.391

27470.939 1912.858

22643.110 1839.730

18663.740 1768.223

15383.716 1690.743

12680.134 1589.043

10451.687 1557.910

8614.875 1417.421

7100.870 1334.304

5852.941 1213.602

4824.327 1131.095

3976.485 1066.415

3277.645 993.248

2701.621 984.145

2226.830 896.327

1835.480 903.788

1512.907 779.125

1247.024 819.606

1027.868 761.705

847.227 759.002

698.333 727.975

575.606 737.951

474.447 685.932

391.066 698.080

322.339 698.229

265.690 673.514

218.997 660.026

180.510 687.094

148.786 693.176

122.638 668.882

**Zone 6**

**TAU(us) Magnitudes**

40103.628 1760.469

33055.691 1783.862

27246.381 1721.724

22458.017 1722.820

18511.175 1659.571

15257.963 1580.788

12576.481 1485.869

10366.251 1413.520

8544.454 1411.640

7042.825 1300.546

5805.097 1231.370

4784.891 1194.481

3943.979 1091.112

3250.852 974.989

2679.537 973.466

2208.627 894.552

1820.476 845.255

1500.540 877.759

1236.830 777.746

1019.466 780.901

840.302 771.730

692.625 735.495

570.901 710.988

470.569 748.563

387.869 700.026

319.704 653.912

263.518 692.596

217.207 644.918

179.034 633.882

147.570 698.048

121.636 629.396

100.259 683.978

**Zone 7**

**TAU(us) Magnitudes**

83.516 2901.027

101.323 2828.607

122.926 2840.627

149.136 2785.587

180.933 2821.503

219.511 2838.059

266.314 2796.519

323.095 2786.734

391.984 2774.543

475.560 2804.232

576.957 2795.033

699.972 2777.457

849.216 2702.908

1030.280 2678.825

1249.950 2614.991

1516.457 2560.679

1839.787 2598.479

2232.056 2498.955

2707.961 2379.929

3285.337 2381.361

3985.816 2301.066

4835.648 2254.130

5866.676 2135.331

7117.534 2090.897

8635.092 1951.266

10476.214 1871.119

12709.890 1781.381

15419.817 1758.201

18707.538 1643.155

22696.247 1630.265

27535.405 1614.507

33406.339 1606.307

**Zone 8**

**TAU(us) Magnitudes**

66.917 2787.891

81.184 2796.561

98.494 2830.580

119.494 2802.980

144.972 2736.175

175.882 2803.339

213.383 2819.705

258.879 2758.970

314.075 2761.674

381.041 2730.508

462.284 2699.827

560.849 2673.369

680.430 2687.290

825.508 2635.143

1001.517 2558.948

1215.055 2539.282

1474.122 2483.730

1788.425 2430.339

2169.742 2394.775

2632.362 2306.275

3193.618 2161.593

3874.542 2105.763

4700.649 2050.858

5702.893 1912.790

6918.830 1798.176

8394.021 1726.438

10183.744 1634.910

12355.061 1572.534

14989.334 1526.350

18185.270 1485.991

22062.624 1459.421

26766.685 1435.296

**Zone 9**

**TAU(us) Magnitudes**

63.242 2769.441

76.726 2767.072

93.086 2759.304

112.933 2783.827

137.012 2728.901

166.224 2779.281

201.666 2752.662

244.664 2705.505

296.829 2700.382

360.118 2669.075

436.900 2642.487

530.053 2662.539

643.068 2615.910

780.179 2567.403

946.524 2587.241

1148.336 2466.296

1393.177 2458.372

1690.222 2391.679

2050.601 2344.814

2487.818 2301.850

3018.256 2167.132

3661.790 2064.205

4442.535 2036.278

5389.746 1884.151

6538.915 1745.040

7933.104 1691.009

9624.553 1557.037

11676.642 1517.659

14166.266 1438.004

17186.712 1367.664

20851.160 1346.225

25296.920 1244.337

**Zone 10**

**TAU(us) Magnitudes**

51.512 2765.925

62.495 2692.733

75.819 2693.190

91.985 2665.627

111.597 2669.113

135.392 2653.863

164.259 2725.700

199.281 2664.511

241.771 2708.508

293.320 2599.875

355.860 2598.476

431.734 2592.531

523.786 2533.064

635.464 2451.036

770.954 2497.909

935.332 2461.677

1134.758 2401.397

1376.704 2333.167

1670.237 2255.397

2026.355 2191.071

2458.402 2045.171

2982.568 1904.424

3618.493 1787.536

4390.007 1705.095

5326.017 1597.497

6461.599 1515.103

7839.302 1401.110

9510.752 1356.470

11538.577 1278.777

13998.764 1248.836

16983.496 1234.151

20604.616 1146.736

**Zone 11**

**TAU(us) Magnitudes**

44.335 2715.959

53.787 2729.029

65.256 2684.910

79.169 2643.050

96.049 2646.697

116.528 2638.233

141.373 2637.577

171.516 2663.608

208.085 2601.569

252.452 2573.204

306.279 2552.816

371.581 2520.052

450.808 2547.230

546.926 2501.942

663.539 2482.443

805.014 2425.711

976.655 2307.087

1184.891 2259.200

1437.527 2264.301

1744.027 2152.340

2115.879 2011.922

2567.014 1884.998

3114.337 1810.071

3778.357 1643.145

4583.956 1559.582

5561.319 1493.534

6747.071 1378.591

8185.641 1272.844

9930.934 1216.920

12048.348 1176.207

14617.225 1151.995

17733.822 1073.863

**Zone 12**

**TAU(us) Magnitudes**

38.270 2661.843

46.430 2623.636

56.330 2611.566

68.340 2618.591

82.911 2650.050

100.589 2550.996

122.036 2591.650

148.055 2566.067

179.623 2514.850

217.921 2546.281

264.385 2521.548

320.755 2504.670

389.145 2488.395

472.116 2419.697

572.778 2389.113

694.902 2349.259

843.065 2243.688

1022.818 2221.741

1240.897 2111.896

1505.474 2018.571

1826.462 1912.880

2215.890 1833.137

2688.348 1777.270

3261.542 1656.145

3956.948 1465.213

4800.625 1409.322

5824.186 1345.223

7065.984 1237.943

8572.550 1171.857

10400.338 1091.990

12617.836 1056.256

15308.135 980.545

**Zone 13**

**TAU(us) Magnitudes**

32.936 2589.202

39.958 2674.617

48.477 2599.575

58.814 2558.436

71.353 2603.368

86.567 2481.905

105.024 2514.041

127.417 2508.597

154.584 2530.856

187.543 2480.478

227.530 2478.223

276.043 2436.615

334.899 2394.806

406.305 2420.654

492.934 2330.854

598.035 2299.321

725.544 2205.503

880.240 2168.145

1067.920 2075.553

1295.616 1999.782

1571.859 1904.094

1907.001 1783.410

2313.601 1668.544

2806.893 1551.467

3405.362 1474.254

4131.433 1368.885

5012.312 1276.155

6081.007 1149.831

7377.563 1087.930

8950.563 1071.541

10858.948 967.816

13174.228 942.877

**Zone 14**

**TAU(us) Magnitudes**

28.981 2540.008

35.161 2595.620

42.657 2497.516

51.753 2487.481

62.787 2512.910

76.174 2523.582

92.415 2490.285

112.120 2511.657

136.025 2490.024

165.028 2432.221

200.214 2407.393

242.902 2449.639

294.693 2382.624

357.525 2330.800

433.755 2279.320

526.237 2271.699

638.438 2230.010

774.562 2087.000

939.710 2053.439

1140.069 1946.892

1383.148 1857.684

1678.054 1707.938

2035.839 1629.614

2469.908 1524.593

2996.527 1431.956

3635.429 1274.951

4410.554 1194.245

5350.945 1124.235

6491.842 1042.416

7875.994 975.634

9555.266 926.714

11592.583 864.062

**Zone 15**

**TAU(us) Magnitudes**

24.023 2532.154

29.146 2479.621

35.360 2490.075

42.899 2449.338

52.046 2460.339

63.143 2473.103

76.606 2455.960

92.939 2475.971

112.755 2383.023

136.796 2440.230

165.963 2358.121

201.348 2301.758

244.278 2379.190

296.362 2310.770

359.550 2225.727

436.212 2176.190

529.218 2165.191

642.055 2062.262

778.950 1998.096

945.033 1892.746

1146.527 1775.009

1390.982 1684.215

1687.559 1565.830

2047.371 1471.779

2483.899 1365.107

3013.501 1273.374

3656.021 1123.868

4435.536 1043.517

5381.255 1020.562

6528.614 928.290

7920.606 874.075

9609.390 922.227

**Zone 16**

**TAU(us) Magnitudes**

20.232 2428.361

24.545 2479.059

29.779 2491.710

36.128 2453.109

43.831 2439.534

53.176 2486.794

64.514 2513.993

78.270 2402.128

94.958 2434.378

115.204 2363.378

139.767 2357.476

169.568 2368.288

205.722 2335.777

249.585 2258.699

302.800 2192.614

367.361 2145.889

445.687 2095.757

540.714 2080.326

656.002 1914.375

795.871 1851.330

965.562 1783.710

1171.433 1649.802

1421.199 1566.443

1724.219 1490.423

2091.846 1310.146

2537.857 1210.800

3078.964 1123.726

3735.442 1027.179

4531.891 952.685

5498.153 905.766

6670.437 864.285

8092.667 819.916

**Zone 17**

**TAU(us) Magnitudes**

17.696 2437.281

21.469 2410.355

26.047 2412.354

31.600 2438.074

38.338 2439.563

46.512 2338.507

56.429 2375.358

68.461 2372.917

83.057 2367.657

100.766 2293.550

122.251 2325.932

148.317 2280.299

179.940 2261.550

218.306 2239.399

264.852 2127.814

321.322 2175.338

389.832 2122.605

472.950 1964.678

573.790 1918.825

696.130 1782.637

844.555 1715.190

1024.625 1702.348

1243.090 1542.202

1508.134 1418.518

1829.689 1316.037

2219.805 1251.542

2693.098 1149.811

3267.305 991.871

3963.940 944.025

4809.107 902.268

5834.477 852.287

7078.469 805.661

**Zone 18**

**TAU(us) Magnitudes**

15.443 2355.305

18.736 2396.281

22.731 2393.416

27.577 2331.812

33.457 2411.097

40.591 2362.262

49.246 2370.802

59.745 2312.230

72.484 2377.865

87.939 2286.960

106.688 2281.805

129.436 2250.103

157.033 2246.979

190.515 2197.101

231.135 2167.884

280.417 2072.533

340.205 1990.315

412.742 1999.641

500.744 1917.499

607.510 1791.775

737.040 1725.431

894.187 1668.532

1084.840 1517.152

1316.143 1403.924

1596.763 1283.655

1937.215 1185.726

2350.257 1093.556

2851.364 1023.672

3459.315 934.222

4196.890 838.470

5091.725 890.282

6177.353 778.454

**Zone 19**

**TAU(us) Magnitudes**

13.732 2392.206

16.660 2390.350

20.213 2314.215

24.522 2333.558

29.751 2317.867

36.094 2342.270

43.790 2324.996

53.126 2291.892

64.454 2260.048

78.196 2229.778

94.869 2201.899

115.096 2218.540

139.636 2180.167

169.408 2168.611

205.529 2085.063

249.350 2085.588

302.515 2014.613

367.016 1945.010

445.269 1883.389

540.206 1793.493

655.386 1696.013

795.123 1554.463

964.655 1519.851

1170.333 1333.271

1419.864 1317.818

1722.599 1211.415

2089.881 1031.399

2535.473 942.214

3076.072 873.575

3731.933 822.465

4527.634 808.520

5492.989 792.739

**Zone 20**

**TAU(us) Magnitudes**

11.555 2359.443

14.019 2319.978

17.008 2314.633

20.634 2265.182

25.033 2295.430

30.371 2288.935

36.846 2269.038

44.702 2293.378

54.234 2226.866

65.797 2287.334

79.826 2228.215

96.846 2180.347

117.495 2183.872

142.546 2097.071

172.939 2042.853

209.812 2043.810

254.547 1992.270

308.820 1878.856

374.665 1844.184

454.549 1744.360

551.465 1657.458

669.045 1535.443

811.695 1451.864

984.760 1343.459

1194.725 1254.234

1449.457 1192.283

1758.501 1102.005

2133.438 996.835

2588.317 933.029

3140.183 827.269

3809.714 819.220

4621.998 770.742

**Zone 21**

**TAU(us) Magnitudes**

10.278 2310.578

12.470 2298.550

15.128 2341.137

18.354 2236.213

22.267 2266.099

27.015 2322.261

32.775 2258.181

39.763 2258.834

48.241 2225.387

58.526 2224.427

71.005 2238.343

86.144 2147.441

104.511 2094.387

126.795 2069.662

153.829 2047.700

186.628 2033.817

226.419 2015.734

274.695 1889.575

333.264 1788.668

404.321 1721.517

490.527 1657.837

595.115 1521.111

722.002 1472.690

875.943 1448.551

1062.706 1253.274

1289.289 1164.803

1564.184 1085.933

1897.690 976.902

2302.304 928.170

2793.188 835.752

3388.734 790.932

4111.260 756.622

**Zone 22**

**TAU(us) Magnitudes**

9.158 2249.861

11.110 2296.943

13.479 2258.755

16.353 2217.770

19.840 2277.459

24.070 2231.476

29.202 2230.117

35.429 2179.979

42.982 2179.909

52.147 2240.925

63.265 2199.734

76.754 2075.023

93.119 2102.552

112.974 2086.684

137.061 2066.825

166.285 1985.892

201.739 1922.076

244.753 1840.471

296.937 1839.086

360.248 1735.508

437.059 1625.535

530.246 1542.131

643.301 1471.650

780.462 1335.844

946.868 1253.714

1148.753 1126.936

1393.683 1083.977

1690.836 943.996

2051.346 906.428

2488.722 817.514

3019.352 803.204

3663.121 762.713

**Zone 23**

**TAU(us) Magnitudes**

7.924 2242.183

9.613 2218.502

11.663 2210.836

14.150 2226.611

17.167 2205.323

20.827 2206.250

25.268 2244.806

30.655 2151.495

37.191 2175.389

45.121 2175.832

54.741 2175.912

66.413 2084.857

80.573 2082.332

97.752 2012.538

118.594 2076.498

143.880 1944.296

174.558 1921.614

211.776 1817.499

256.930 1780.855

311.711 1641.277

378.172 1573.261

458.803 1514.570

556.626 1428.435

675.307 1355.522

819.292 1204.802

993.976 1137.010

1205.906 1075.593

1463.022 911.301

1774.959 890.097

2153.405 799.292

2612.541 753.984

3169.571 781.106

**Zone 24**

**TAU(us) Magnitudes**

6.673 2236.603

8.096 2242.509

9.822 2272.060

11.917 2270.506

14.458 2202.156

17.540 2200.763

21.280 2167.280

25.817 2191.696

31.322 2180.943

38.000 2125.334

46.102 2184.386

55.932 2146.418

67.857 2084.120

82.325 2007.649

99.878 2011.678

121.174 1903.718

147.010 1918.822

178.354 1863.431

216.382 1778.494

262.517 1747.641

318.490 1630.215

386.396 1521.643

468.781 1331.367

568.732 1292.757

689.994 1227.578

837.110 1084.577

1015.594 1001.154

1232.133 934.663

1494.840 898.611

1813.561 792.845

2200.238 749.412

2669.360 782.090

**Zone 25**

**TAU(us) Magnitudes**

6.401 2188.615

7.766 2229.562

9.421 2211.109

11.430 2181.905

13.867 2150.599

16.824 2184.322

20.411 2165.465

24.763 2156.773

30.042 2194.478

36.448 2127.967

44.219 2077.126

53.647 2121.551

65.086 2107.912

78.963 2057.732

95.799 2048.353

116.225 1955.049

141.005 1878.969

171.070 1866.521

207.544 1772.498

251.795 1710.036

305.482 1622.714

370.615 1497.818

449.635 1486.722

545.503 1344.095

661.812 1215.887

802.920 1137.313

974.113 1056.621

1181.808 1007.843

1433.786 900.710

1739.489 807.219

2110.373 739.647

2560.334 755.256

**Zone 26**

**TAU(us) Magnitudes**

5.895 2150.266

7.152 2158.381

8.677 2146.865

10.527 2179.940

12.771 2213.189

15.494 2167.542

18.798 2119.161

22.806 2102.106

27.668 2162.991

33.567 2131.241

40.724 2071.781

49.407 2059.932

59.942 2076.855

72.722 2024.870

88.227 1979.500

107.039 1916.845

129.861 1948.276

157.549 1844.156

191.141 1769.125

231.895 1651.921

281.338 1629.920

341.323 1521.483

414.098 1416.042

502.390 1261.518

609.506 1218.570

739.461 1143.369

897.125 1047.029

1088.405 963.872

1320.468 888.903

1602.010 832.511

1943.581 829.969

2357.980 713.432

**Zone 27**

**TAU(us) Magnitudes**

5.532 2165.313

6.712 2128.073

8.143 2111.602

9.879 2152.895

11.985 2083.392

14.541 2135.718

17.641 2142.750

21.402 2105.818

25.966 2091.839

31.502 2093.456

38.218 2059.668

46.367 2031.552

56.253 2022.517

68.247 2019.123

82.799 1944.886

100.452 1899.506

121.870 1840.243

147.855 1829.548

179.379 1790.438

217.625 1600.981

264.026 1544.067

320.320 1503.938

388.617 1356.802

471.476 1277.368

572.001 1223.024

693.960 1132.100

841.922 1068.161

1021.431 973.717

1239.215 856.910

1503.433 840.196

1823.985 739.109

2212.885 706.508

**Zone 28**

**TAU(us) Magnitudes**

4.982 2191.721

6.044 2140.004

7.333 2151.057

8.896 2095.365

10.793 2144.518

13.094 2108.962

15.886 2064.624

19.273 2126.738

23.382 2126.802

28.367 2096.690

34.416 2054.925

41.753 2039.557

50.656 2035.208

61.456 1967.115

74.560 1983.184

90.457 1914.279

109.744 1856.144

133.142 1803.344

161.530 1695.777

195.971 1643.804

237.755 1581.298

288.447 1518.525

349.948 1327.942

424.562 1266.850

515.085 1232.824

624.908 1081.774

758.147 1003.491

919.794 960.855

1115.907 917.608

1353.835 785.041

1642.491 727.928

1992.693 747.501

**Zone 29**

**TAU(us) Magnitudes**

4.923 2189.865

5.973 2142.394

7.246 2130.255

8.792 2134.961

10.666 2148.390

12.940 2120.360

15.699 2099.230

19.046 2070.072

23.107 2074.101

28.034 2170.699

34.012 2045.994

41.263 2030.749

50.061 2023.745

60.735 1981.706

73.685 1928.468

89.395 1951.060

108.455 1846.766

131.580 1794.014

159.634 1744.985

193.671 1661.953

234.964 1648.724

285.062 1481.952

345.841 1374.925

419.579 1330.955

509.039 1209.501

617.573 1120.849

749.248 1043.910

908.999 939.952

1102.810 859.029

1337.944 835.120

1623.213 724.465

1969.304 692.364

**Zone 30**

**TAU(us) Magnitudes**

4.212 2140.409

5.110 2086.953

6.199 2166.357

7.521 2085.070

9.124 2130.898

11.070 2085.770

13.430 2054.870

16.293 2172.721

19.767 2072.752

23.982 2094.958

29.095 2023.567

35.299 2009.732

42.825 1981.858

51.956 1928.368

63.033 1937.444

76.473 1856.774

92.778 1846.025

112.560 1809.372

136.559 1690.491

165.675 1621.819

200.999 1504.461

243.855 1382.896

295.849 1394.139

358.928 1233.194

435.456 1193.243

528.302 1098.899

640.943 976.628

777.601 910.093

943.396 857.117

1144.542 789.398

1388.574 758.949

1684.637 727.596

**Zone 31**

**TAU(us) Magnitudes**

3.917 2112.045

4.752 2067.393

5.765 2098.967

6.995 2108.939

8.486 2119.995

10.295 2130.838

12.490 2095.425

15.153 2083.168

18.384 2045.179

22.304 2100.683

27.060 2075.475

32.829 2023.069

39.829 2071.551

48.321 1969.610

58.624 1973.434

71.123 1950.038

86.287 1859.502

104.685 1812.791

127.005 1727.412

154.085 1626.089

186.937 1585.928

226.795 1457.316

275.151 1376.282

333.817 1237.160

404.992 1218.112

491.342 1102.155

596.102 1023.596

723.200 968.843

877.396 884.922

1064.469 823.756

1291.429 770.852

1566.780 713.022

**Zone 32**

**TAU(us) Magnitudes**

4.086 2083.713

4.957 2075.663

6.014 2118.947

7.297 2128.230

8.852 2041.481

10.740 2063.280

13.030 2085.300

15.808 2047.530

19.178 2045.108

23.267 2052.949

28.228 2038.441

34.247 2050.932

41.549 2011.804

50.408 2035.864

61.156 1923.082

74.195 1915.220

90.014 1907.359

109.206 1783.460

132.491 1699.101

160.740 1674.123

195.012 1610.424

236.591 1494.132

287.035 1385.882

348.235 1302.400

422.484 1168.038

512.563 1128.771

621.849 1012.608

754.436 1018.696

915.292 848.713

1110.445 822.775

1347.207 754.733

1634.451 664.110

**Zone 33**

**TAU(us) Magnitudes**

3.833 2143.920

4.650 2090.984

5.641 2078.612

6.844 2083.088

8.303 2127.312

10.073 2134.062

12.221 2039.753

14.827 2027.066

17.988 2043.618

21.824 2067.800

26.477 2050.912

32.122 2062.849

38.971 2003.960

47.280 1965.492

57.360 1940.345

69.591 1910.212

84.428 1848.809

102.429 1753.503

124.269 1702.538

150.765 1620.344

182.910 1581.649

221.909 1429.433

269.223 1390.188

326.625 1251.723

396.266 1204.481

480.756 1110.302

583.260 1021.289

707.619 875.870

858.493 825.688

1041.536 820.334

1263.605 775.832

1533.024 688.129

**Zone 34**

**TAU(us) Magnitudes**

3.367 2095.521

4.085 2055.685

4.956 2129.424

6.012 2035.794

7.294 2035.629

8.849 2133.849

10.736 2057.473

13.025 2048.421

15.802 2091.489

19.172 2023.289

23.259 2015.572

28.219 1972.166

34.235 1917.615

41.534 1925.747

50.390 1860.664

61.134 1850.929

74.169 1812.144

89.983 1775.436

109.168 1714.941

132.444 1600.087

160.683 1537.555

194.943 1434.788

236.508 1357.149

286.935 1229.548

348.113 1169.242

422.336 1115.440

512.384 1022.387

621.631 957.326

754.171 865.211

914.971 854.302

1110.056 788.781

1346.736 717.977

**Zone 35**

**TAU(us) Magnitudes**

3.451 2070.320

4.187 2099.098

5.079 2052.850

6.162 2056.006

7.476 2124.865

9.070 2032.597

11.004 2036.407

13.351 2049.658

16.197 2027.803

19.651 2004.944

23.841 2039.481

28.924 1996.144

35.091 1976.337

42.572 2005.873

51.649 1947.688

62.662 1932.167

76.022 1881.514

92.231 1800.069

111.896 1770.779

135.754 1648.937

164.699 1604.070

199.815 1476.038

242.418 1365.882

294.105 1373.385

356.813 1227.951

432.890 1109.275

525.188 1065.024

637.166 987.321

773.018 895.919

937.837 849.713

1137.797 789.079

1380.391 767.547

**Zone 36**

**TAU(us) Magnitudes**

3.207 2137.525

3.891 2113.141

4.721 2090.538

5.727 2135.012

6.948 2094.784

8.430 2040.796

10.227 2073.050

12.407 2105.677

15.053 2039.144

18.262 2077.844

22.156 2037.218

26.880 2029.598

32.612 1948.549

39.565 1965.860

48.000 1963.486

58.235 1873.404

70.651 1864.906

85.715 1835.031

103.991 1789.519

126.163 1679.556

153.063 1539.539

185.698 1452.230

225.292 1365.885

273.327 1265.246

331.604 1197.155

402.307 1097.248

488.084 966.068

592.150 900.764

718.405 876.312

871.579 804.401

1057.412 772.216

1282.867 743.811

**Zone 37**

**TAU(us) Magnitudes**

3.082 2118.594

3.739 2108.014

4.536 2108.603

5.503 2100.938

6.676 2056.710

8.099 2063.047

9.826 2055.993

11.921 2047.663

14.463 2034.376

17.547 2073.528

21.288 1947.827

25.827 2024.568

31.334 1937.691

38.015 1969.392

46.120 1932.489

55.953 1896.169

67.883 1880.918

82.357 1807.239

99.917 1741.409

121.220 1676.105

147.066 1527.476

178.423 1477.040

216.465 1334.092

262.618 1296.083

318.612 1183.643

386.545 1099.449

468.961 1063.356

568.950 994.337

690.259 896.042

837.431 779.074

1015.983 793.664

1232.605 725.630

**Zone 38**

**TAU(us) Magnitudes**

3.224 2070.620

3.911 2085.662

4.745 2053.832

5.757 2050.717

6.985 2084.364

8.474 2073.712

10.281 2121.010

12.473 2020.194

15.132 2041.575

18.359 2019.102

22.273 2025.683

27.022 2042.380

32.783 1985.628

39.773 1914.716

48.253 1950.425

58.541 1974.731

71.023 1836.455

86.166 1823.149

104.538 1769.547

126.827 1700.316

153.869 1594.070

186.676 1485.239

226.478 1393.472

274.766 1259.219

333.350 1241.013

404.425 1142.125

490.654 1079.522

595.268 952.020

722.187 896.558

876.168 849.458

1062.979 750.509

1289.621 744.166

**Zone 39**

**TAU(us) Magnitudes**

3.099 2074.204

3.759 2050.931

4.561 2122.554

5.533 2086.126

6.713 2074.280

8.144 2062.550

9.881 2049.731

11.987 2018.235

14.543 2075.736

17.644 2077.913

21.406 2011.018

25.970 2045.247

31.507 2005.808

38.225 1923.743

46.375 1931.412

56.263 1815.761

68.259 1829.971

82.812 1807.782

100.469 1724.872

121.890 1584.337

147.879 1556.280

179.409 1499.369

217.662 1345.447

264.070 1289.763

320.374 1187.870

388.682 1051.308

471.554 1055.442

572.096 996.810

694.075 912.496

842.062 782.982

1021.601 782.305

1239.421 678.527

**Zone 40**

**TAU(us) Magnitudes**

3.058 2043.929

3.710 2060.459

4.501 2094.825

5.461 2126.753

6.625 2063.037

8.038 2088.161

9.752 1985.028

11.831 2050.956

14.353 2069.819

17.413 1989.031

21.126 1936.294

25.631 2036.008

31.095 1956.456

37.725 1935.264

45.769 1969.515

55.528 1864.487

67.367 1893.428

81.730 1758.955

99.157 1724.911

120.298 1621.022

145.947 1547.978

177.065 1486.065

214.818 1420.969

260.620 1301.259

316.188 1176.299

383.604 1136.322

465.394 1047.897

564.623 940.177

685.008 870.853

831.061 824.825

1008.255 776.194

1223.229 759.988