**Fig.5. Right**

**Vidal Pizza Jelly 323K**

**Zone 1**

**TAU(us) Magnitudes**

87536.333 1012.860

72152.424 983.576

59472.132 966.891

49020.314 937.988

40405.331 899.516

33304.372 854.158

27451.358 799.145

22626.971 739.921

18650.436 677.005

15372.750 624.785

12671.095 580.283

10444.237 530.690

8608.735 483.912

7095.809 442.608

5848.769 417.467

4820.888 385.332

3973.650 369.341

3275.309 332.537

2699.696 320.500

2225.243 310.407

1834.172 294.095

1511.829 282.597

1246.135 277.780

1027.135 266.255

846.623 255.181

697.835 253.110

575.195 245.779

474.109 256.292

390.787 247.034

322.109 233.197

265.501 244.861

218.841 236.549

**Zone 2**

**TAU(us) Magnitudes**

76208.200 883.662

62815.133 876.964

51775.806 869.217

42676.564 845.201

35176.452 814.069

28994.432 780.907

23898.860 734.069

19698.800 686.012

16236.871 622.523

13383.353 589.483

11031.321 544.307

9092.642 485.753

7494.673 459.146

6177.536 423.662

5091.876 387.174

4197.014 359.175

3459.418 338.941

2851.449 321.721

2350.326 306.795

1937.273 280.743

1596.810 267.845

1316.182 256.228

1084.872 242.238

894.213 238.636

737.061 240.077

607.528 234.933

500.759 229.537

412.754 228.416

340.215 210.103

280.425 222.717

231.142 212.659

190.520 207.868

**Zone 3**

**TAU(us) Magnitudes**

64389.227 771.689

53073.263 765.629

43746.002 756.670

36057.943 725.868

29721.008 712.062

24497.745 686.521

20192.435 631.757

16643.754 600.450

13718.728 566.518

11307.756 527.282

9320.496 483.456

7682.483 445.033

6332.339 404.739

5219.474 387.203

4302.188 348.774

3546.108 320.117

2922.904 307.273

2409.223 282.665

1985.819 279.922

1636.825 255.785

1349.164 248.996

1112.058 229.823

916.621 228.702

755.531 225.472

622.752 219.760

513.308 211.097

423.097 206.233

348.741 208.280

287.452 204.908

236.934 205.050

195.295 206.291

160.973 195.673

**Zone 4**

**TAU(us) Magnitudes**

54363.793 661.681

44809.730 658.718

36934.728 653.584

30443.704 625.636

25093.432 607.584

20683.434 588.022

17048.463 561.134

14052.313 529.957

11582.716 497.764

9547.133 459.141

7869.290 421.062

6486.317 397.331

5346.391 370.991

4406.800 343.867

3632.335 317.470

2993.977 301.320

2467.806 289.218

2034.106 263.264

1676.626 245.186

1381.971 242.227

1139.099 232.968

938.910 235.202

773.903 225.557

637.895 217.942

525.789 207.932

433.385 214.141

357.221 205.352

294.442 209.186

242.696 191.404

200.044 206.622

164.887 190.864

135.909 200.600

**Zone 5**

**TAU(us) Magnitudes**

48245.662 594.630

39766.818 586.433

32778.074 569.243

27017.553 565.037

22269.404 542.169

18355.709 526.819

15129.820 496.714

12470.858 474.486

10279.190 437.487

8472.693 409.267

6983.676 390.162

5756.343 356.239

4744.705 339.963

3910.856 310.017

3223.550 299.646

2657.033 286.451

2190.078 261.268

1805.187 263.747

1487.938 242.302

1226.443 233.003

1010.904 214.858

833.245 219.887

686.808 215.565

566.106 210.391

466.617 207.555

384.612 197.323

317.019 204.948

261.305 210.488

215.383 199.516

177.531 203.066

146.331 196.827

120.614 202.927

**Zone 6**

**TAU(us) Magnitudes**

39057.291 515.581

32193.241 515.962

26535.501 503.349

21872.069 488.530

18028.203 482.756

14859.871 469.188

12248.351 447.469

10095.787 420.350

8321.522 406.473

6859.072 381.301

5653.637 354.493

4660.049 341.101

3841.078 319.058

3166.035 295.841

2609.626 276.140

2151.002 274.263

1772.978 250.091

1461.390 241.188

1204.560 243.582

992.867 229.783

818.378 225.556

674.553 219.251

556.005 219.063

458.291 205.222

377.750 215.490

311.363 202.646

256.643 192.179

211.540 197.158

174.363 194.196

143.720 192.308

118.462 195.953

97.643 200.823

**Zone 7**

**TAU(us) Magnitudes**

80.202 853.760

97.303 849.022

118.049 840.191

143.219 850.738

173.755 836.492

210.802 847.156

255.748 838.956

310.276 839.342

376.432 829.494

456.692 823.108

554.065 821.513

672.200 819.151

815.522 796.112

989.403 793.264

1200.358 792.419

1456.291 781.601

1766.793 767.065

2143.498 752.018

2600.522 718.566

3154.989 711.906

3827.677 674.832

4643.792 667.483

5633.913 639.775

6835.142 611.131

8292.490 581.687

10060.566 543.626

12205.619 527.716

14808.028 515.651

17965.307 479.332

21795.763 486.627

26442.925 480.007

32080.927 479.800

**Zone 8**

**TAU(us) Magnitudes**

73.279 830.305

88.903 837.266

107.858 834.719

130.855 824.288

158.755 827.725

192.603 822.259

233.669 828.782

283.491 826.088

343.935 823.079

417.267 814.051

506.234 814.875

614.170 803.250

745.120 797.006

903.989 774.683

1096.733 773.908

1330.571 756.304

1614.268 748.317

1958.452 732.844

2376.022 707.334

2882.623 694.407

3497.239 654.413

4242.899 639.109

5147.545 602.715

6245.073 584.231

7576.610 549.121

9192.050 525.027

11151.924 497.258

13529.670 482.064

16414.386 444.005

19914.163 434.954

24160.142 423.516

29311.422 411.553

**Zone 9**

**TAU(us) Magnitudes**

60.651 825.371

73.583 813.118

89.271 822.096

108.305 809.923

131.398 813.139

159.413 819.174

193.403 815.200

234.639 808.077

284.667 790.139

345.362 804.266

418.998 772.983

508.334 776.671

616.718 776.584

748.211 751.058

907.740 758.422

1101.283 742.437

1336.092 725.635

1620.966 694.827

1966.579 686.858

2385.881 653.340

2894.584 627.392

3511.750 611.848

4260.504 570.284

5168.903 538.525

6270.986 516.696

7608.048 475.239

9230.191 462.636

11198.197 430.542

13585.809 411.582

16482.494 405.619

19996.793 392.629

24260.390 384.199

**Zone 10**

**TAU(us) Magnitudes**

52.586 806.610

63.798 819.107

77.401 801.855

93.904 801.998

113.925 806.999

138.216 797.500

167.685 796.970

203.438 790.290

246.814 790.306

299.439 780.635

363.283 770.305

440.740 771.629

534.712 759.909

648.720 753.796

787.036 723.503

954.843 733.504

1158.429 707.538

1405.423 684.461

1705.079 666.362

2068.625 648.362

2509.685 614.745

3044.785 599.867

3693.976 546.809

4481.584 526.177

5437.120 493.324

6596.391 463.863

8002.834 435.549

9709.150 407.445

11779.277 391.058

14290.784 370.990

17337.779 359.966

21034.437 356.490

**Zone 11**

**TAU(us) Magnitudes**

45.038 784.982

54.641 785.022

66.291 793.330

80.425 775.046

97.573 787.820

118.377 781.942

143.617 786.275

174.238 774.234

211.388 768.444

256.458 775.230

311.139 765.549

377.478 763.021

457.962 746.306

555.606 746.148

674.069 724.746

817.790 706.136

992.154 699.542

1203.695 675.260

1460.339 646.077

1771.704 623.501

2149.456 595.474

2607.751 560.185

3163.760 537.221

3838.318 500.507

4656.701 472.258

5649.575 433.066

6854.143 412.255

8315.543 389.174

10088.533 363.301

12239.549 352.197

14849.193 337.340

18015.249 332.885

**Zone 12**

**TAU(us) Magnitudes**

38.599 773.973

46.828 773.119

56.813 773.965

68.926 780.335

83.622 785.901

101.452 779.163

123.082 783.709

149.325 767.934

181.164 771.307

219.790 756.973

266.653 741.455

323.507 745.417

392.483 723.510

476.166 719.932

577.691 702.169

700.863 695.011

850.297 670.560

1031.592 659.413

1251.542 633.248

1518.388 610.233

1842.130 574.877

2234.897 551.856

2711.409 528.612

3289.519 490.180

3990.891 452.581

4841.805 415.810

5874.145 384.924

7126.595 364.155

8646.085 344.950

10489.552 341.974

12726.071 313.423

15439.448 302.076

**Zone 13**

**TAU(us) Magnitudes**

35.696 754.780

43.307 762.495

52.541 763.572

63.743 771.712

77.334 762.037

93.822 761.529

113.827 765.776

138.096 744.837

167.540 751.076

203.262 742.053

246.600 731.892

299.179 722.695

362.968 710.394

440.358 695.321

534.249 710.966

648.158 683.080

786.355 657.750

954.016 641.823

1157.426 617.743

1404.206 600.042

1703.602 572.369

2066.834 541.067

2507.512 507.263

3042.148 468.654

3690.777 445.767

4477.702 417.454

5432.411 383.880

6590.677 358.954

7995.902 331.005

9700.741 312.879

11769.074 288.347

14278.406 279.194

**Zone 14**

**TAU(us) Magnitudes**

29.765 760.660

36.111 754.383

43.810 763.833

53.151 742.630

64.484 742.934

78.233 746.281

94.913 727.358

115.150 728.041

139.701 732.128

169.487 723.995

205.624 708.235

249.466 703.620

302.656 704.629

367.186 692.414

445.476 671.679

540.457 660.355

655.691 646.158

795.493 635.826

965.103 588.330

1170.877 570.486

1420.524 545.217

1723.400 513.319

2090.853 472.344

2536.652 446.904

3077.502 422.004

3733.668 396.887

4529.739 355.778

5495.542 340.786

6667.269 313.675

8088.824 293.408

9813.475 280.550

11905.846 270.741

**Zone 15**

**TAU(us) Magnitudes**

26.083 743.917

31.644 733.387

38.391 735.061

46.577 730.936

56.508 729.519

68.556 722.834

83.173 724.409

100.907 732.581

122.421 728.321

148.523 713.871

180.190 710.986

218.609 704.370

265.220 691.712

321.769 683.375

390.374 670.570

473.608 647.881

574.587 637.468

697.098 613.058

845.728 594.163

1026.050 568.169

1244.818 550.014

1510.230 512.532

1832.233 477.978

2222.890 446.345

2696.842 405.954

3271.846 382.467

3969.450 351.735

4815.792 327.985

5842.587 297.897

7088.308 292.322

8599.634 277.957

10433.197 262.451

**Zone 16**

**TAU(us) Magnitudes**

21.227 732.136

25.753 737.440

31.244 723.634

37.906 724.338

45.988 725.344

55.793 720.721

67.689 722.656

82.121 713.734

99.630 712.063

120.873 711.883

146.645 687.394

177.912 683.551

215.845 684.251

261.866 663.130

317.700 657.583

385.437 636.926

467.618 622.480

567.321 594.366

688.282 579.419

835.033 555.390

1013.074 523.355

1229.075 493.455

1491.131 466.896

1809.061 425.799

2194.779 401.533

2662.736 373.034

3230.469 341.387

3919.250 311.119

4754.889 297.088

5768.698 279.561

6998.666 268.171

8490.879 264.506

**Zone 17**

**TAU(us) Magnitudes**

19.624 719.554

23.809 723.690

28.885 716.284

35.043 712.654

42.515 725.151

51.580 713.843

62.578 713.508

75.920 698.559

92.107 684.790

111.746 700.585

135.572 699.561

164.477 675.909

199.546 678.360

242.092 652.125

293.710 649.636

356.333 635.582

432.308 627.149

524.482 599.890

636.309 574.763

771.980 557.832

936.576 533.187

1136.268 511.153

1378.536 468.286

1672.459 425.628

2029.051 418.805

2461.673 381.169

2986.536 340.736

3623.307 320.595

4395.847 303.281

5333.103 282.152

6470.195 253.715

7849.732 252.710

**Zone 18**

**TAU(us) Magnitudes**

17.048 698.647

20.683 709.823

25.093 706.483

30.443 703.430

36.934 711.611

44.809 686.331

54.363 702.524

65.954 685.325

80.017 690.360

97.078 694.778

117.776 672.416

142.887 674.592

173.353 656.791

210.314 645.476

255.156 637.443

309.559 632.755

375.561 606.101

455.636 584.937

552.784 566.661

670.646 534.461

813.637 521.914

987.115 472.497

1197.582 458.619

1452.923 426.813

1762.707 389.346

2138.541 373.364

2594.508 347.210

3147.693 313.938

3818.826 287.103

4633.053 281.621

5620.884 252.893

6819.336 250.767

**Zone 19**

**TAU(us) Magnitudes**

15.391 704.705

18.672 694.330

22.653 704.937

27.483 700.381

33.343 689.826

40.452 685.651

49.077 693.484

59.541 688.950

72.236 672.724

87.638 677.367

106.323 665.982

128.993 653.100

156.496 647.444

189.863 645.838

230.345 632.886

279.458 620.194

339.042 599.004

411.330 579.486

499.032 557.928

605.432 539.109

734.519 508.114

891.129 487.590

1081.130 453.138

1311.642 430.904

1591.303 384.656

1930.591 358.391

2342.220 329.002

2841.614 303.775

3447.486 282.209

4182.538 268.382

5074.314 243.034

6156.229 246.230

**Zone 20**

**TAU(us) Magnitudes**3

13.116 704.625

15.912 684.127

19.305 700.385

23.421 676.053

28.415 679.922

34.474 685.262

41.824 682.347

50.741 685.350

61.560 686.173

74.686 667.805

90.610 659.228

109.929 648.983

133.367 649.065

161.803 617.889

196.302 628.139

238.156 616.506

288.934 596.950

350.539 559.579

425.279 548.120

515.954 523.790

625.963 492.794

759.427 477.842

921.347 439.798

1117.791 412.016

1356.120 370.109

1645.264 360.118

1996.058 327.809

2421.645 308.969

2937.974 288.070

3564.391 250.267

4324.369 245.694

5246.385 239.943

**Zone 21**

**TAU(us) Magnitudes**

11.571 687.000

14.038 688.264

17.030 680.579

20.662 686.394

25.067 668.460

30.412 678.391

36.896 681.380

44.763 667.193

54.306 666.904

65.885 664.696

79.933 655.998

96.976 640.859

117.653 642.120

142.738 626.404

173.171 604.241

210.094 593.285

254.889 577.862

309.235 576.157

375.168 535.388

455.159 523.417

552.206 506.326

669.944 476.972

812.785 456.954

986.082 424.527

1196.329 373.753

1451.403 360.022

1760.862 324.361

2136.302 309.155

2591.792 286.466

3144.398 264.805

3814.828 251.577

4628.203 246.515

**Zone 22**

**TAU(us) Magnitudes**2

11.330 679.767

13.746 666.167

16.677 670.274

20.232 670.386

24.546 657.561

29.780 657.427

36.129 668.667

43.832 652.034

53.178 657.163

64.516 649.158

78.272 649.452

94.961 635.955

115.208 635.561

139.772 609.943

169.573 595.258

205.728 587.266

249.592 582.991

302.809 568.071

367.372 542.353

445.701 524.682

540.730 497.643

656.021 477.999

795.894 438.334

965.590 416.612

1171.468 393.881

1421.241 366.515

1724.270 330.000

2091.908 307.753

2537.932 276.371

3079.055 266.568

3735.552 244.293

4532.024 229.430

**Zone 23**

**TAU(us) Magnitudes**

10.362 667.834

12.572 655.749

15.252 671.886

18.504 668.677

22.449 651.842

27.236 670.609

33.043 644.847

40.088 653.764

48.636 647.704

59.006 640.994

71.586 644.278

86.850 635.940

105.367 627.154

127.833 616.576

155.089 603.177

188.156 589.092

228.273 573.744

276.944 548.999

335.993 539.664

407.631 506.089

494.544 481.979

599.988 463.048

727.913 431.227

883.115 399.840

1071.407 378.772

1299.846 344.872

1576.991 323.576

1913.228 289.317

2321.155 269.364

2816.058 248.576

3416.481 242.115

4144.923 223.590

**Zone 24**

**TAU(us) Magnitudes**

9.098 652.577

11.037 658.042

13.391 663.779

16.246 653.419

19.710 658.414

23.912 650.145

29.010 658.101

35.196 646.097

42.700 636.178

51.804 634.256

62.849 623.326

76.250 624.437

92.507 616.912

112.231 610.884

136.160 592.106

165.191 571.810

200.413 568.313

243.143 533.237

294.985 517.833

357.880 496.797

434.185 478.648

526.759 458.095

639.072 420.490

775.331 405.472

940.642 374.165

1141.200 350.599

1384.520 322.233

1679.719 296.363

2037.858 270.577

2472.358 258.195

2999.500 235.942

3639.035 231.813

**Zone 25**

**TAU(us) Magnitudes**

8.286 653.864

10.052 649.954

12.195 649.081

14.796 647.008

17.950 651.628

21.777 659.621

26.421 631.581

32.054 641.742

38.888 640.244

47.180 638.308

57.239 629.463

69.444 616.433

84.250 618.012

102.213 601.665

124.007 593.022

150.447 580.185

182.524 562.262

221.440 554.467

268.655 531.891

325.936 499.264

395.430 471.011

479.741 460.932

582.028 429.768

706.125 405.955

856.681 370.553

1039.337 345.632

1260.938 318.934

1529.788 293.724

1855.960 268.587

2251.677 258.870

2731.766 247.135

3314.217 230.092

**Zone 26**

**TAU(us) Magnitudes**

7.670 648.961

9.306 641.780

11.290 651.093

13.697 648.992

16.617 643.624

20.160 650.321

24.459 648.564

29.674 633.406

36.000 625.240

43.676 618.679

52.989 618.011

64.287 616.672

77.993 595.086

94.623 594.412

114.797 574.522

139.274 568.309

168.969 562.365

204.996 546.494

248.703 515.631

301.731 504.017

366.064 478.197

444.114 458.336

538.805 431.467

653.686 400.784

793.061 376.116

962.152 338.783

1167.297 322.878

1416.181 296.827

1718.130 270.484

2084.460 255.638

2528.896 242.956

3068.092 230.563

**Zone 27**

**TAU(us) Magnitudes**

7.190 653.337

8.723 635.488

10.583 645.148

12.840 642.548

15.578 636.608

18.899 648.631

22.928 634.456

27.817 636.164

33.748 623.423

40.944 632.052

49.673 625.064

60.265 612.807

73.114 605.119

88.703 591.028

107.615 586.593

130.560 570.547

158.398 558.401

192.170 536.055

233.144 520.147

282.853 502.040

343.161 485.090

416.328 451.675

505.095 423.245

612.789 395.444

743.444 371.316

901.956 345.853

1094.266 328.879

1327.579 304.268

1610.637 277.524

1954.048 255.628

2370.678 238.518

2876.140 223.350

**Zone 28**

**TAU(us) Magnitudes**

6.745 644.877

8.183 639.413

9.928 636.027

12.045 631.963

14.613 636.155

17.728 628.391

21.508 627.160

26.094 630.828

31.658 630.187

38.408 630.750

46.597 615.372

56.532 615.525

68.586 601.819

83.209 586.310

100.950 572.805

122.474 560.385

148.588 547.225

180.269 526.278

218.705 518.589

265.335 496.991

321.909 479.111

390.544 448.319

473.814 423.607

574.837 391.758

697.401 370.646

846.096 354.688

1026.496 317.282

1245.359 296.923

1510.887 275.207

1833.030 253.712

2223.857 237.643

2698.015 222.359

**Zone 29**

**TAU(us) Magnitudes**

6.298 641.258

7.640 634.201

9.269 631.282

11.246 632.791

13.644 625.494

16.553 638.218

20.082 622.932

24.364 621.401

29.558 614.815

35.860 607.866

43.506 604.843

52.783 602.733

64.037 596.025

77.690 590.195

94.255 567.388

114.351 560.588

138.732 544.106

168.312 540.320

204.199 522.117

247.737 490.487

300.558 472.700

364.641 443.767

442.387 406.906

536.710 397.682

651.144 369.726

789.978 346.053

958.412 317.320

1162.759 294.823

1410.675 277.304

1711.451 250.888

2076.356 238.661

2519.065 225.577

**Zone 30**

**TAU(us) Magnitudes**

6.026 627.632

7.311 624.946

8.870 627.521

10.762 639.672

13.056 633.445

15.840 621.669

19.217 621.125

23.314 622.340

28.285 606.828

34.316 614.207

41.633 608.753

50.510 601.828

61.279 591.841

74.344 586.911

90.196 578.027

109.427 556.485

132.758 531.700

161.064 516.601

195.405 521.491

237.068 494.253

287.614 472.563

348.938 441.490

423.336 429.275

513.597 395.956

623.103 378.309

755.957 336.845

917.138 319.880

1112.685 299.673

1349.925 270.904

1637.748 263.444

1986.939 236.264

2410.582 224.066

**Zone 31**

**TAU(us) Magnitudes**

5.737 627.424

6.960 636.739

8.444 629.720

10.245 613.868

12.429 627.796

15.079 637.235

18.294 622.172

22.195 620.528

26.927 608.025

32.668 603.706

39.634 609.154

48.084 599.204

58.336 584.885

70.774 585.891

85.864 568.750

104.172 554.193

126.383 550.093

153.329 526.130

186.021 503.631

225.683 490.406

273.802 479.510

332.181 441.617

403.006 419.447

488.933 391.907

593.180 368.049

719.654 352.716

873.095 315.166

1059.250 299.372

1285.098 270.473

1559.098 251.409

1891.520 234.565

2294.819 229.494

**Zone 32**

**TAU(us) Magnitudes**

5.266 632.861

6.388 628.008

7.751 634.207

9.403 635.633

11.408 624.561

13.840 623.967

16.791 618.775

20.371 623.630

24.715 617.526

29.984 612.899

36.377 607.852

44.133 590.436

53.543 584.021

64.959 577.557

78.810 575.502

95.613 548.217

115.999 541.342

140.732 522.216

170.737 521.954

207.141 489.637

251.306 471.538

304.889 442.104

369.895 420.532

448.762 387.962

544.444 369.200

660.527 351.372

801.361 323.784

972.222 293.485

1179.514 267.068

1431.003 260.774

1736.112 243.909

2106.276 230.360

**Zone 33**

**TAU(us) Magnitudes**

5.159 627.395

6.259 616.227

7.594 635.413

9.213 625.904

11.177 630.334

13.560 619.478

16.451 619.492

19.959 615.442

24.214 611.581

29.377 602.919

35.641 601.286

43.240 596.412

52.460 581.738

63.645 580.379

77.215 566.383

93.678 552.590

113.651 550.765

137.883 528.428

167.282 508.515

202.949 497.727

246.220 459.811

298.718 447.179

362.409 418.443

439.680 403.907

533.425 379.663

647.159 357.959

785.143 332.974

952.546 287.897

1155.642 284.403

1402.041 258.697

1700.976 238.886

2063.648 231.608

**Zone 34**

**TAU(us) Magnitudes**4

5.116 615.896

6.206 625.583

7.530 624.078

9.135 615.190

11.083 617.927

13.446 628.903

16.313 614.541

19.791 616.918

24.011 608.535

29.130 594.492

35.341 608.840

42.876 589.754

52.018 573.664

63.109 577.817

76.565 570.794

92.890 551.020

112.695 536.229

136.723 526.664

165.874 500.629

201.241 490.965

244.148 471.060

296.204 445.551

359.359 419.303

435.980 405.119

528.936 372.574

641.713 348.930

778.535 322.444

944.530 296.103

1145.917 271.755

1390.243 256.287

1686.662 252.034

2046.282 216.815

**Zone 35**

**TAU(us) Magnitudes**

4.917 621.200

5.965 619.386

7.237 619.795

8.780 616.341

10.652 620.330

12.923 605.997

15.679 608.331

19.022 616.916

23.077 615.082

27.998 615.118

33.967 599.720

41.210 596.234

49.996 596.260

60.656 569.201

73.589 567.968

89.279 557.811

108.315 547.926

131.409 527.551

159.427 510.589

193.419 477.769

234.659 458.856

284.692 435.606

345.392 417.352

419.034 401.384

508.378 372.240

616.771 348.151

748.276 324.209

907.819 296.683

1101.378 281.987

1336.207 254.406

1621.106 237.097

1966.748 229.069

**Zone 36**

**TAU(us) Magnitudes**

4.842 607.965

5.874 622.853

7.126 620.494

8.646 617.838

10.489 614.767

12.725 621.259

15.439 614.909

18.730 608.027

22.724 621.100

27.569 609.089

33.447 601.456

40.578 589.998

49.230 584.096

59.727 563.618

72.461 560.594

87.911 545.605

106.655 537.549

129.395 517.180

156.984 504.757

190.455 494.370

231.063 472.543

280.329 435.557

340.099 415.660

412.613 390.567

500.588 374.318

607.320 351.311

736.810 328.383

893.908 299.014

1084.501 268.759

1315.732 252.213

1596.265 234.101

1936.611 226.936

**Zone 37**

**TAU(us) Magnitudes**

4.527 616.354

5.492 615.343

6.663 630.725

8.084 622.517

9.808 622.008

11.899 616.073

14.436 615.595

17.513 615.713

21.248 601.632

25.778 608.765

31.274 585.301

37.942 602.160

46.032 588.137

55.847 575.542

67.754 569.329

82.200 555.917

99.726 543.509

120.989 521.984

146.786 506.233

178.082 489.460

216.052 459.654

262.117 437.629

318.004 417.345

385.807 386.317

468.067 373.745

567.865 343.285

688.942 318.371

835.834 293.721

1014.045 276.433

1230.254 264.349

1492.561 229.674

1810.796 232.805

**Zone 38**

**TAU(us) Magnitudes**

4.564 617.854

5.537 613.381

6.717 627.973

8.150 609.757

9.887 620.122

11.995 615.685

14.553 615.391

17.656 612.432

21.420 614.875

25.988 601.578

31.529 601.666

38.251 597.181

46.406 591.110

56.301 579.826

68.305 573.909

82.869 552.718

100.537 539.343

121.974 529.472

147.980 504.763

179.531 491.073

217.810 474.365

264.250 442.049

320.592 422.477

388.947 402.542

471.875 371.867

572.486 353.768

694.548 325.405

842.635 306.293

1022.297 273.993

1240.265 259.339

1504.707 245.360

1825.532 223.392

**Zone 39**

**TAU(us) Magnitudes**

4.583 623.101

5.560 625.911

6.746 616.291

8.184 612.298

9.929 622.331

12.046 605.641

14.615 616.667

17.731 612.398

21.511 593.958

26.098 608.205

31.662 597.858

38.413 586.555

46.603 568.959

56.539 574.717

68.594 567.269

83.219 552.261

100.963 528.532

122.490 537.620

148.606 501.422

180.291 494.296

218.732 466.925

265.369 440.365

321.949 422.482

390.593 392.553

473.873 371.140

574.909 354.059

697.488 330.153

846.202 303.981

1026.624 274.765

1245.515 250.707

1511.076 243.953

1833.258 224.440

**Zone 40**

**TAU(us) Magnitudes**

4.421 625.594

5.364 626.775

6.507 607.850

7.895 611.826

9.578 621.088

11.620 622.348

14.098 608.037

17.104 614.517

20.750 603.325

25.175 599.901

30.542 598.284

37.054 599.508

44.955 584.831

54.540 575.216

66.169 565.703

80.277 543.444

97.393 537.875

118.159 519.811

143.352 497.534

173.916 468.978

210.998 465.058

255.985 448.693

310.565 415.267

376.782 403.019

457.117 368.496

554.580 343.496

672.825 318.413

816.280 296.020

990.323 283.140

1201.473 257.248

1457.644 234.064

1768.435 219.726