**Fig. 5. Right**

**Vidal Cherry Jelly 323K**

**Zone 1**

**TAU(us) Magnitudes**

90093.509 983.975

74260.195 976.205

61209.477 947.469

50452.332 914.577

41585.682 870.473

34277.284 824.179

28253.288 774.297

23287.967 715.062

19195.267 658.748

15821.831 614.694

13041.253 559.605

10749.342 523.311

8860.219 483.002

7303.097 432.586

6019.628 406.988

4961.720 377.442

4089.732 346.734

3370.989 325.872

2778.561 311.845

2290.248 296.049

1887.753 292.035

1555.993 278.316

1282.538 260.945

1057.141 250.827

871.356 250.755

718.221 253.216

591.999 233.283

487.959 240.684

402.203 224.269

331.519 225.343

273.257 228.107

225.234 219.307

**Zone 2**

**TAU(us) Magnitudes**

78440.032 868.136

64654.736 851.177

53292.111 841.004

43926.389 825.128

36206.629 789.821

29843.563 748.669

24598.762 706.016

20275.699 662.846

16712.384 624.676

13775.298 562.941

11354.384 523.127

9358.929 486.434

7714.162 443.400

6358.451 404.535

5240.997 386.966

4319.928 348.765

3560.730 325.786

2934.956 299.932

2419.158 283.114

1994.008 269.320

1643.574 263.808

1354.728 243.529

1116.644 237.246

920.401 224.298

758.647 238.880

625.320 218.428

515.424 219.546

424.842 211.746

350.179 214.186

288.637 204.982

237.911 199.123

196.100 209.635

**Zone 3**

**TAU(us) Magnitudes**

69454.792 747.483

57248.590 747.656

47187.544 728.889

38894.658 703.646

32059.190 687.333

26425.008 650.410

21780.994 602.255

17953.134 576.414

14797.995 532.280

12197.349 505.148

10053.749 464.870

8286.872 407.794

6830.511 389.088

5630.096 368.885

4640.645 335.429

3825.084 312.637

3152.851 286.550

2598.760 266.961

2142.045 272.572

1765.596 237.645

1455.304 242.194

1199.545 230.066

988.733 220.119

814.970 203.312

671.745 211.949

553.690 199.460

456.383 198.996

376.177 188.245

310.066 188.248

255.574 196.878

210.659 192.534

173.637 190.298

**Zone 4**

**TAU(us) Magnitudes**

59242.156 649.888

48830.754 635.789

40249.085 633.913

33175.585 617.074

27345.205 596.102

22539.473 575.970

18578.316 537.128

15313.305 510.020

12622.097 482.660

10403.850 438.936

8575.445 417.572

7068.369 385.682

5826.152 360.455

4802.246 343.853

3958.284 305.092

3262.643 278.095

2689.256 276.471

2216.638 259.006

1827.079 238.748

1505.982 244.418

1241.316 231.578

1023.164 225.301

843.350 220.409

695.137 212.173

572.971 209.541

472.275 203.129

389.276 194.398

320.864 190.147

264.474 193.889

217.995 183.367

179.684 190.073

148.105 194.407

**Zone 5**

**TAU(us) Magnitudes**

48223.284 567.307

39748.373 558.754

32762.870 545.645

27005.021 534.530

22259.075 517.132

18347.195 510.187

15122.802 464.044

12465.074 440.403

10274.423 432.893

8468.764 402.692

6980.437 376.039

5753.673 344.574

4742.504 337.962

3909.042 312.629

3222.055 290.618

2655.801 280.860

2189.062 257.837

1804.349 248.649

1487.247 230.375

1225.874 221.276

1010.435 215.466

832.858 216.325

686.489 198.783

565.843 208.581

466.400 198.806

384.434 189.031

316.872 190.536

261.184 187.995

215.283 182.890

177.448 183.775

146.263 184.146

120.558 189.693

**Zone 6**

**TAU(us) Magnitudes**

44409.651 504.695

36604.961 487.324

30171.891 485.099

24869.388 466.309

20498.764 457.944

16896.248 446.820

13926.848 414.926

11479.301 397.843

9461.892 374.027

7799.030 350.780

6428.404 334.509

5298.656 307.368

4367.454 286.120

3599.904 269.605

2967.246 271.302

2445.773 254.974

2015.945 242.391

1661.656 229.427

1369.632 225.227

1128.928 218.200

930.527 215.942

766.993 212.667

632.199 202.921

521.095 189.625

429.516 194.207

354.031 192.518

291.813 191.945

240.529 185.062

198.258 187.435

163.415 182.282

134.696 185.748

111.024 178.091

**Zone 7**

**TAU(us) Magnitudes**

100.867 829.593

122.373 822.927

148.465 824.371

180.120 822.148

218.524 830.005

265.116 829.377

321.643 811.075

390.221 818.474

473.422 814.390

574.362 801.181

696.824 814.252

845.397 797.571

1025.647 788.166

1244.329 773.318

1509.638 769.874

1831.514 754.296

2222.018 759.186

2695.784 736.138

3270.563 718.101

3967.893 705.710

4813.903 671.946

5840.294 657.110

7085.527 633.026

8596.261 603.507

10429.104 587.714

12652.735 564.242

15350.476 533.709

18623.412 509.689

22594.185 503.897

27411.582 481.076

33256.115 474.360

40346.785 461.651

**Zone 8**

**TAU(us) Magnitudes**

83.314 823.108

101.078 803.559

122.629 815.866

148.776 813.474

180.497 807.853

218.981 808.547

265.671 808.840

322.316 808.870

391.038 798.967

474.413 796.871

575.564 782.020

698.283 772.702

847.166 759.433

1027.794 774.057

1246.934 747.227

1512.798 734.286

1835.348 718.300

2226.670 709.045

2701.427 689.069

3277.409 661.831

3976.199 645.540

4823.980 605.530

5852.521 586.566

7100.360 572.215

8614.257 530.735

10450.937 521.470

12679.223 493.176

15382.611 475.496

18662.399 455.087

22641.484 429.939

27468.966 424.200

33325.735 414.689

**Zone 9**

**TAU(us) Magnitudes**

76.877 803.258

93.268 808.091

113.154 803.905

137.280 801.298

166.550 808.861

202.061 781.730

245.143 796.401

297.410 786.195

360.823 785.794

437.755 775.390

531.091 769.755

644.326 769.936

781.706 763.192

948.377 741.451

1150.584 736.766

1395.904 731.639

1693.531 716.975

2054.615 692.869

2492.688 678.486

3024.164 656.459

3668.958 632.522

4451.231 607.242

5400.296 577.279

6551.715 550.060

7948.633 520.531

9643.392 495.117

11699.499 465.207

14193.996 442.586

17220.355 425.872

20891.976 399.372

25346.438 390.838

30750.654 380.071

**Zone 10**

**TAU(us) Magnitudes**

69.253 793.129

84.019 796.373

101.933 793.214

123.666 794.635

150.034 779.481

182.023 774.432

220.833 786.179

267.918 788.198

325.041 772.834

394.345 768.701

478.425 757.590

580.431 753.632

704.188 753.905

854.330 734.163

1036.485 729.797

1257.479 697.216

1525.591 690.167

1850.868 676.879

2245.499 652.735

2724.271 624.906

3305.124 602.656

4009.822 580.543

4864.773 548.605

5902.010 525.990

7160.402 496.650

8687.100 477.042

10539.311 439.329

12786.440 412.644

15512.689 392.123

18820.211 363.874

22832.944 359.672

27701.248 338.514

**Zone 11**

**TAU(us) Magnitudes**

57.920 779.613

70.269 775.075

85.251 793.258

103.428 782.034

125.480 774.517

152.235 765.763

184.693 769.171

224.072 762.871

271.848 768.831

329.809 763.862

400.129 761.899

485.442 737.325

588.945 729.466

714.517 723.690

866.862 711.966

1051.689 697.356

1275.924 669.636

1547.969 661.218

1878.017 635.414

2278.437 613.544

2764.232 577.061

3353.605 561.147

4068.640 545.463

4936.131 492.715

5988.584 472.530

7265.434 441.508

8814.526 412.481

10693.906 396.942

12973.997 375.602

15740.235 346.444

19096.274 333.383

23167.867 339.061

**Zone 12**

**TAU(us) Magnitudes**

52.572 766.899

63.781 769.316

77.380 776.599

93.879 768.743

113.895 766.139

138.179 764.079

167.640 764.540

203.384 756.900

246.748 755.705

299.358 741.418

363.185 747.601

440.622 726.212

534.568 728.595

648.546 717.387

786.825 699.553

954.587 687.291

1158.118 662.484

1405.045 637.446

1704.621 636.158

2068.070 607.473

2509.011 582.235

3043.968 551.564

3692.984 537.636

4480.381 493.362

5435.660 462.549

6594.619 429.828

8000.685 404.956

9706.543 377.635

11776.114 351.988

14286.946 335.959

17333.124 320.562

21028.789 307.699

**Zone 13**

**TAU(us) Magnitudes**

46.821 767.751

56.803 763.845

68.915 750.024

83.608 762.776

101.435 761.597

123.062 771.156

149.301 762.193

181.134 748.975

219.754 741.136

266.609 738.282

323.453 740.411

392.418 727.290

476.087 714.642

577.596 701.812

700.747 674.272

850.157 663.345

1031.422 659.701

1251.336 639.836

1518.138 619.847

1841.826 595.898

2234.529 567.589

2710.962 532.694

3288.977 512.168

3990.233 485.114

4841.007 450.499

5873.178 417.349

7125.421 400.694

8644.661 362.394

10487.824 340.582

12723.975 321.727

15436.905 296.573

18728.269 292.399

**Zone 14**

**TAU(us) Magnitudes**

43.784 751.913

53.119 743.884

64.445 749.158

78.185 745.095

94.856 744.297

115.080 740.434

139.617 749.310

169.385 738.062

205.501 725.176

249.316 713.499

302.474 721.753

366.965 705.832

445.208 712.462

540.132 690.554

655.296 683.436

795.014 664.132

964.522 640.586

1170.172 641.073

1419.669 610.658

1722.363 585.084

2089.594 562.611

2535.125 523.131

3075.649 491.975

3731.421 474.523

4527.012 449.435

5492.235 406.453

6663.256 383.291

8083.956 351.912

9807.568 331.661

11898.679 310.458

14435.644 291.228

17513.526 272.864

**Zone 15**

**TAU(us) Magnitudes**

39.665 736.146

48.122 739.259

58.383 739.527

70.830 736.555

85.933 728.282

104.255 727.153

126.483 738.471

153.451 708.181

186.169 722.659

225.863 720.707

274.020 706.902

332.445 694.958

403.327 696.298

489.322 682.866

593.652 663.978

720.227 655.427

873.789 631.275

1060.093 610.886

1286.120 593.163

1560.339 577.478

1893.025 540.765

2296.644 514.805

2786.321 492.118

3380.404 451.303

4101.153 426.210

4975.576 405.049

6036.439 366.229

7323.493 346.733

8884.964 325.028

10779.363 303.962

13077.674 280.339

15866.017 260.476

**Zone 16**

**TAU(us) Magnitudes**

36.333 731.371

44.079 732.703

53.478 731.211

64.880 736.235

78.713 725.516

95.496 717.162

115.857 719.244

140.560 722.871

170.529 715.006

206.888 702.171

250.999 698.779

304.516 702.435

369.443 684.931

448.213 669.730

543.779 658.133

659.720 639.331

800.382 628.385

971.034 614.693

1178.072 590.702

1429.254 560.000

1733.991 539.253

2103.702 509.101

2552.241 479.930

3096.414 442.374

3756.613 423.549

4557.576 391.091

5529.315 364.172

6708.242 332.882

8138.533 307.158

9873.783 293.929

11979.012 270.427

14533.105 250.370

**Zone 17**

**TAU(us) Magnitudes**

32.441 728.713

39.358 725.477

47.750 729.261

57.931 728.434

70.283 724.818

85.268 710.698

103.449 713.383

125.505 713.973

152.265 693.830

184.730 684.125

224.117 691.148

271.901 689.830

329.875 668.981

400.208 665.124

485.538 650.149

589.062 641.490

714.658 615.363

867.034 601.989

1051.897 564.464

1276.177 564.003

1548.275 528.357

1878.389 505.363

2278.888 472.390

2764.779 446.914

3354.269 406.223

4069.446 386.200

4937.109 356.878

5989.769 327.736

7266.872 300.327

8816.271 285.054

10696.024 273.051

12976.566 249.958

**Zone 18**

**TAU(us) Magnitudes**

29.485 723.793

35.772 723.332

43.399 718.817

52.652 707.672

63.878 705.043

77.498 711.468

94.021 708.413

114.068 703.747

138.389 707.241

167.895 690.848

203.693 693.486

247.123 676.127

299.813 668.272

363.737 652.377

441.291 650.198

535.380 625.229

649.531 621.383

788.020 594.448

956.037 581.017

1159.877 555.701

1407.179 532.258

1707.210 487.521

2071.211 468.981

2512.822 439.956

3048.591 406.978

3698.593 379.029

4487.185 355.733

5443.916 319.878

6604.635 296.181

8012.836 275.800

9721.285 267.746

11793.999 248.012

**Zone 19**

**TAU(us) Magnitudes**

27.359 718.323

33.192 702.625

40.269 703.309

48.855 715.771

59.272 711.611

71.909 725.993

87.241 706.264

105.843 698.721

128.410 685.595

155.788 697.901

189.005 676.168

229.303 670.376

278.194 667.847

337.509 657.592

409.470 640.393

496.775 627.719

602.694 614.104

731.197 597.878

887.099 572.536

1076.241 558.156

1305.711 519.842

1584.106 492.743

1921.860 468.436

2331.627 437.437

2828.763 404.558

3431.895 377.729

4163.623 364.522

5051.366 331.635

6128.388 295.759

7435.046 276.537

9020.302 259.582

10943.557 245.848

**Zone 20**

**TAU(us) Magnitudes**

25.776 715.428

31.272 705.788

37.939 714.481

46.029 694.236

55.843 700.033

67.749 700.134

82.194 703.893

99.719 702.103

120.980 701.045

146.775 692.032

178.070 669.808

216.036 667.898

262.098 658.626

317.982 641.907

385.780 632.146

468.033 621.707

567.825 609.556

688.893 594.576

835.774 566.457

1013.973 548.029

1230.166 518.351

1492.455 492.741

1810.667 472.108

2196.727 437.822

2665.100 415.249

3233.337 379.400

3922.729 351.230

4759.110 332.771

5773.819 304.962

7004.878 277.277

8498.416 254.153

10310.398 244.680

**Zone 21**

**TAU(us) Magnitudes**

23.644 705.470

28.685 712.906

34.801 697.830

42.221 704.843

51.223 690.374

62.144 694.936

75.394 698.878

91.470 686.264

110.972 680.225

134.633 680.638

163.339 655.479

198.165 660.095

240.416 640.064

291.676 633.494

353.866 640.008

429.315 615.889

520.851 609.329

631.904 580.640

766.634 542.552

930.091 537.175

1128.400 503.485

1368.991 492.008

1660.879 460.839

2015.001 431.334

2444.628 408.836

2965.856 377.074

3598.219 347.725

4365.409 314.655

5296.176 293.990

6425.395 276.394

7795.379 258.729

9457.463 233.696

**Zone 22**

**TAU(us) Magnitudes**

22.392 695.239

27.166 699.794

32.958 699.358

39.985 697.516

48.510 690.889

58.853 688.679

71.402 682.696

86.625 679.359

105.095 689.570

127.503 680.810

154.688 662.748

187.670 660.919

227.684 652.078

276.230 642.536

335.126 627.929

406.579 601.298

493.267 597.863

598.439 577.431

726.034 569.942

880.835 535.080

1068.641 517.706

1296.491 477.520

1572.921 466.144

1908.289 441.577

2315.164 396.623

2808.789 384.189

3407.662 339.319

4134.223 332.398

5015.698 290.811

6085.115 269.345

7382.547 262.435

8956.609 237.395

**Zone 23**

**TAU(us) Magnitudes**

22.779 697.987

27.636 698.976

33.528 698.672

40.677 692.236

49.350 697.356

59.872 686.347

72.637 680.607

88.124 667.129

106.914 674.097

129.709 664.987

157.365 663.669

190.917 648.508

231.624 652.026

281.009 633.453

340.924 619.556

413.614 607.024

501.802 599.738

608.793 575.701

738.597 560.514

896.076 545.279

1087.132 516.682

1318.923 492.893

1600.136 464.679

1941.308 434.308

2355.222 408.752

2857.388 364.922

3466.623 345.833

4205.756 321.838

5102.482 290.130

6190.403 272.018

7510.284 248.472

9111.582 223.510

**Zone 24**

**TAU(us) Magnitudes**

21.444 680.098

26.017 691.648

31.564 677.788

38.293 678.845

46.458 686.053

56.364 686.309

68.381 677.766

82.961 677.852

100.649 671.824

122.109 648.139

148.145 658.072

179.731 649.477

218.052 636.392

264.544 636.697

320.949 615.268

389.380 612.742

472.401 573.720

573.123 562.685

695.321 537.759

843.574 523.571

1023.435 513.306

1241.646 461.797

1506.382 443.871

1827.564 422.777

2217.227 397.648

2689.970 355.140

3263.510 337.186

3959.336 312.797

4803.522 272.798

5827.700 264.455

7070.247 238.426

8577.723 221.003

**Zone 25**

**TAU(us) Magnitudes**

20.942 689.526

25.407 691.494

30.824 692.107

37.396 685.134

45.370 682.990

55.043 682.211

66.779 671.870

81.018 674.558

98.292 665.158

119.249 655.513

144.674 651.700

175.521 647.948

212.944 626.218

258.347 621.028

313.430 613.092

380.258 606.883

461.334 579.997

559.697 574.524

679.032 553.339

823.812 525.425

999.460 504.156

1212.559 484.631

1471.093 446.531

1784.751 433.161

2165.285 390.860

2626.954 366.682

3187.057 317.032

3866.582 316.608

4690.992 284.274

5691.177 259.947

6904.616 229.789

8376.777 228.474

**Zone 26**

**TAU(us) Magnitudes**

19.698 684.913

23.898 681.798

28.994 687.040

35.176 681.345

42.675 684.507

51.775 679.347

62.814 671.978

76.206 660.868

92.455 662.460

112.167 657.920

136.083 650.369

165.097 641.463

200.299 635.452

243.005 620.761

294.817 595.914

357.676 595.848

433.938 577.166

526.460 552.897

638.708 539.985

774.890 524.777

940.107 496.978

1140.551 477.685

1383.732 444.407

1678.764 420.523

2036.699 384.293

2470.952 357.998

2997.794 337.875

3636.966 304.007

4412.418 275.219

5353.207 271.722

6494.586 239.016

7879.322 211.781

**Zone 27**

**TAU(us) Magnitudes**

19.054 674.457

23.116 677.589

28.045 675.071

34.024 677.966

41.279 679.726

50.080 676.685

60.758 664.416

73.712 664.404

89.428 668.472

108.496 648.932

131.629 649.471

159.694 650.171

193.743 621.577

235.051 621.426

285.168 608.767

345.969 583.611

419.735 574.919

509.228 557.565

617.803 539.327

749.527 522.973

909.337 496.754

1103.220 473.163

1338.442 454.586

1623.816 416.076

1970.037 398.616

2390.076 355.306

2899.674 333.987

3517.925 306.830

4267.996 271.990

5177.993 262.277

6282.014 241.634

7621.427 219.272

**Zone 28**

**TAU(us) Magnitudes**

17.765 681.007

21.552 675.819

26.148 682.911

31.723 683.191

38.486 681.239

46.692 663.451

56.648 671.127

68.726 649.367

83.379 659.476

101.157 656.834

122.725 649.724

148.891 638.849

180.637 632.262

219.151 621.343

265.878 600.390

322.566 586.531

391.342 582.032

474.782 557.189

576.012 538.444

698.826 508.980

847.825 496.514

1028.593 474.263

1247.904 437.879

1513.974 405.322

1836.775 394.146

2228.401 359.314

2703.527 338.984

3279.957 304.276

3979.290 280.586

4827.730 252.259

5857.069 229.985

7105.879 228.938

**Zone 29**

**TAU(us) Magnitudes**

17.470 676.228

21.194 683.343

25.713 676.482

31.196 669.467

37.847 685.676

45.917 664.378

55.707 664.942

67.584 665.502

81.994 665.988

99.477 639.087

120.687 646.688

146.419 629.046

177.637 618.460

215.512 610.225

261.462 609.257

317.210 585.331

384.843 563.103

466.897 561.190

566.446 538.316

687.220 526.446

833.746 500.218

1011.512 476.538

1227.180 440.236

1488.832 410.302

1806.272 396.330

2191.395 372.531

2658.631 335.830

3225.488 316.086

3913.207 272.440

4747.558 256.357

5759.804 231.473

6987.875 225.690

**Zone 30**

**TAU(us) Magnitudes**

17.001 688.824

20.626 683.347

25.024 670.071

30.360 670.176

36.833 667.511

44.686 667.661

54.214 664.377

65.773 659.265

79.796 645.675

96.810 645.692

117.452 645.869

142.494 615.992

172.876 628.621

209.735 602.683

254.453 604.092

308.706 579.592

374.527 576.614

454.381 564.017

551.262 533.222

668.799 515.587

811.396 491.387

984.397 466.385

1194.284 450.699

1448.922 434.763

1757.853 386.827

2132.652 358.244

2587.363 317.309

3139.025 307.411

3808.309 283.094

4620.294 261.119

5605.405 233.569

6800.556 220.570

**Zone 31**

**TAU(us) Magnitudes**

17.236 669.505

20.911 675.054

25.370 669.305

30.779 670.429

37.341 679.012

45.303 667.467

54.962 654.830

66.681 668.462

80.898 644.754

98.147 640.381

119.073 634.863

144.461 633.005

175.262 615.549

212.631 622.882

257.966 600.122

312.968 586.679

379.698 564.323

460.654 556.327

558.872 539.414

678.032 521.019

822.598 495.156

997.987 469.346

1210.772 460.218

1468.926 414.672

1782.121 387.103

2162.094 360.305

2623.083 339.434

3182.361 302.584

3860.885 269.238

4684.080 262.619

5682.791 229.407

6894.442 218.213

**Zone 32**

**TAU(us) Magnitudes**

16.846 669.437

20.438 689.275

24.795 665.226

30.082 677.145

36.496 665.442

44.277 661.584

53.718 671.147

65.171 659.184

79.067 646.222

95.925 646.669

116.377 633.871

141.190 617.863

171.294 615.032

207.816 602.051

252.126 601.373

305.883 581.770

371.101 568.713

450.225 559.214

546.219 527.680

662.681 507.458

803.974 485.881

975.392 475.083

1183.359 437.033

1435.668 426.391

1741.773 389.429

2113.143 363.458

2563.695 324.016

3110.311 300.961

3773.472 272.386

4578.030 242.925

5554.130 234.060

6738.348 220.691

**Zone 33**

**TAU(us) Magnitudes**

16.530 677.152

20.055 669.398

24.331 665.509

29.519 665.606

35.812 663.136

43.448 666.305

52.712 654.429

63.951 652.879

77.586 654.347

94.128 643.813

114.198 626.485

138.547 630.167

168.087 612.570

203.925 596.567

247.405 599.719

300.155 581.213

364.152 561.941

441.794 540.735

535.991 530.120

650.272 511.894

788.919 490.769

957.128 457.934

1161.201 430.413

1408.785 416.999

1709.158 386.653

2073.574 359.874

2515.689 325.306

3052.070 297.182

3702.814 265.707

4492.306 245.019

5450.128 234.400

6612.172 204.378

**Zone 34**

**TAU(us) Magnitudes**

15.601 674.673

18.928 668.624

22.963 665.005

27.860 671.552

33.800 664.793

41.006 666.128

49.749 648.931

60.356 651.483

73.225 652.303

88.838 647.616

107.779 623.777

130.759 621.532

158.639 611.023

192.463 610.493

233.499 600.791

283.284 578.920

343.684 562.735

416.963 554.308

505.865 521.891

613.723 512.609

744.577 495.815

903.331 459.395

1095.934 443.412

1329.603 391.281

1613.092 381.862

1957.026 346.003

2374.292 326.250

2880.524 301.716

3494.692 271.448

4239.810 249.921

5143.796 230.569

6240.526 213.366

**Zone 35**

**TAU(us) Magnitudes**

15.768 675.994

19.130 670.562

23.209 664.910

28.158 670.955

34.161 671.333

41.445 660.361

50.282 658.126

61.002 655.713

74.009 648.759

89.789 636.180

108.933 624.289

132.159 628.881

160.337 619.464

194.523 610.312

235.998 599.999

286.316 584.101

347.362 565.433

421.425 556.815

511.279 531.672

620.291 516.493

752.545 494.238

912.998 472.532

1107.662 436.600

1343.831 414.484

1630.355 391.225

1977.970 363.100

2399.701 321.668

2911.350 303.455

3532.091 276.864

4285.182 250.502

5198.843 231.451

6307.310 210.602

**Zone 36**

**TAU(us) Magnitudes**

15.103 677.497

18.323 672.809

22.230 666.783

26.970 671.345

32.720 660.918

39.697 658.953

48.161 673.949

58.429 660.789

70.887 645.623

86.001 632.077

104.338 645.976

126.584 619.231

153.573 609.567

186.317 609.437

226.043 584.987

274.239 578.088

332.710 569.268

403.648 554.867

489.712 533.091

594.125 503.804

720.801 485.802

874.486 474.206

1060.939 432.564

1287.146 409.760

1561.584 383.117

1894.535 347.799

2298.476 330.061

2788.544 299.874

3383.100 270.747

4104.425 253.538

4979.546 230.581

6041.255 208.654

**Zone 37**

**TAU(us) Magnitudes**

15.013 670.923

18.214 667.354

22.097 663.698

26.809 669.551

32.525 674.447

39.460 672.148

47.873 665.257

58.080 654.674

70.464 651.493

85.488 637.351

103.715 640.581

125.828 631.262

152.657 615.567

185.205 609.407

224.694 597.113

272.602 578.235

330.724 569.906

401.239 552.549

486.789 531.549

590.579 505.129

716.499 487.690

869.267 463.445

1054.607 439.226

1279.464 414.653

1552.263 390.690

1883.227 358.056

2284.758 331.370

2771.900 299.921

3362.908 271.823

4079.928 249.237

4949.825 229.697

6005.197 203.265

**Zone 38**

**TAU(us) Magnitudes**

15.129 671.283

18.355 665.614

22.268 658.006

27.016 668.251

32.776 653.497

39.765 660.037

48.243 662.106

58.529 653.802

71.008 637.335

86.148 648.431

104.516 637.360

126.801 629.922

153.836 609.636

186.636 617.280

226.430 594.519

274.708 577.856

333.280 566.558

404.339 538.157

490.550 532.191

595.142 513.588

722.035 491.093

875.983 461.773

1062.755 424.778

1289.349 425.238

1564.256 380.587

1897.778 351.469

2302.411 329.754

2793.317 301.729

3388.891 268.165

4111.450 241.283

4988.069 227.679

6051.595 205.008

**Zone 39**

**TAU(us) Magnitudes**

14.610 671.926

17.725 663.886

21.504 669.261

26.089 669.300

31.651 654.529

38.400 657.544

46.587 647.728

56.520 645.267

68.571 645.288

83.191 648.631

100.928 626.789

122.448 622.719

148.555 607.177

180.229 604.430

218.657 596.326

265.277 576.487

321.838 567.915

390.458 547.873

473.710 530.499

574.711 514.701

697.247 489.522

845.910 468.629

1026.270 440.662

1245.086 403.756

1510.555 384.744

1832.627 341.972

2223.369 313.915

2697.422 296.378

3272.550 267.529

3970.304 250.222

4816.828 238.340

5843.843 212.839

**Zone 40**

**TAU(us) Magnitudes**

14.711 669.124

17.848 673.396

21.653 658.510

26.270 653.165

31.871 668.161

38.666 653.801

46.910 638.731

56.912 657.385

69.046 645.550

83.768 642.721

101.628 630.388

123.297 626.560

149.586 608.247

181.479 609.528

220.173 586.622

267.117 575.313

324.071 565.428

393.167 552.793

476.996 537.830

578.698 521.818

702.084 480.458

851.778 463.535

1033.389 446.540

1253.723 419.379

1521.034 381.060

1845.340 350.031

2238.792 325.861

2716.134 294.012

3295.251 274.771

3997.845 251.633

4850.242 234.265

5884.381 211.348