**Fig.5. Right**

**Vidal Roll Jelly 323K**

**Zone 1**

**TAU(us) Magnitudes**

79605.683 713.286

65615.532 700.815

54084.053 680.379

44579.153 661.692

36744.674 647.077

30287.050 592.460

24964.309 559.409

20577.004 516.991

16960.737 495.609

13980.004 456.214

11523.115 418.880

9498.006 387.282

7828.797 359.072

6452.940 333.229

5318.880 298.498

4384.124 271.962

3613.644 263.439

2978.571 259.392

2455.108 237.947

2023.639 222.791

1667.999 214.447

1374.859 203.828

1133.237 192.388

934.079 194.969

769.921 195.879

634.612 192.498

523.084 195.724

431.155 186.615

355.383 176.756

292.927 184.300

241.447 168.006

199.014 171.457

**Zone 2**

**TAU(us) Magnitudes**

74739.289 622.157

61604.373 615.357

50777.828 605.228

41853.974 586.443

34498.426 571.891

28435.565 532.159

23438.210 507.818

19319.106 464.908

15923.906 437.552

13125.389 407.224

10818.692 372.753

8917.382 331.694

7350.213 317.317

6058.464 293.905

4993.730 269.622

4116.117 248.745

3392.737 235.899

2796.487 219.215

2305.024 203.905

1899.932 206.682

1566.032 176.325

1290.812 183.276

1063.961 182.956

876.977 170.714

722.855 164.325

595.818 176.684

491.107 168.732

404.798 166.584

333.658 159.251

275.020 149.997

226.687 143.832

186.848 163.622

**Zone 3**

**TAU(us) Magnitudes**

67640.675 546.461

55753.292 543.683

45955.034 523.322

37878.753 511.054

31221.823 493.740

25734.802 483.749

21212.088 443.908

17484.209 423.669

14411.480 395.017

11878.761 355.473

9791.151 338.604

8070.423 311.245

6652.102 277.889

5483.041 266.133

4519.434 235.148

3725.175 226.893

3070.501 217.450

2530.881 204.393

2086.096 204.880

1719.479 176.480

1417.293 177.306

1168.213 173.208

962.908 165.859

793.683 161.229

654.199 162.910

539.228 152.975

444.462 152.175

366.351 151.472

301.967 146.282

248.899 146.848

205.157 146.833

169.102 146.084

**Zone 4**

**TAU(us) Magnitudes**

58910.136 459.145

48557.085 475.494

40023.512 455.449

32989.655 457.711

27191.950 434.879

22413.152 425.009

18474.195 399.416

15227.482 376.563

12551.357 348.122

10345.542 320.713

8527.384 302.949

7028.755 282.836

5793.500 251.579

4775.332 235.974

3936.100 222.146

3244.358 211.278

2674.184 199.402

2204.215 188.530

1816.839 186.195

1497.542 180.788

1234.359 168.466

1017.429 166.755

838.623 160.247

691.241 157.223

569.760 157.983

469.629 148.964

387.095 140.470

319.065 148.777

262.992 148.215

216.773 145.258

178.677 140.379

147.275 141.137

**Zone 5**

**TAU(us) Magnitudes**

54101.826 416.988

44593.803 406.994

36756.749 394.511

30297.003 386.042

24972.513 374.112

20583.766 365.393

16966.311 349.818

13984.598 319.849

11526.901 301.213

9501.128 279.283

7831.370 269.777

6455.061 253.029

5320.628 231.402

4385.564 219.622

3614.832 214.291

2979.550 198.863

2455.914 187.245

2024.304 171.453

1668.547 166.120

1375.311 159.194

1133.610 167.542

934.386 160.781

770.174 156.350

634.821 148.550

523.256 142.214

431.297 143.418

355.500 144.595

293.023 140.069

241.526 140.779

199.080 139.964

164.093 139.883

135.255 144.779

**Zone 6**

**TAU(us) Magnitudes**

51104.059 358.436

42122.872 361.094

34720.067 356.020

28618.254 347.385

23588.793 343.296

19443.225 317.662

16026.212 303.454

13209.715 294.008

10888.199 271.985

8974.673 251.395

7397.436 244.534

6097.387 229.862

5025.813 211.410

4142.561 204.829

3414.535 195.826

2814.454 183.282

2319.833 180.113

1912.138 173.667

1576.093 167.256

1299.106 160.846

1070.797 153.885

882.612 148.637

727.499 147.401

599.646 154.777

494.262 150.899

407.399 139.992

335.801 147.682

276.787 147.577

228.143 130.403

188.049 146.846

155.000 139.658

127.760 135.175

**Zone 7**

**TAU(us) Magnitudes**

106.379 615.912

129.061 594.822

156.578 611.316

189.963 607.196

230.466 614.514

279.605 604.534

339.220 601.431

411.547 614.509

499.294 587.959

605.751 591.090

734.905 588.141

891.597 577.228

1081.698 584.910

1312.332 582.631

1592.139 568.415

1931.606 550.764

2343.451 559.941

2843.108 523.847

3449.298 521.526

4184.737 511.911

5076.981 500.059

6159.465 474.418

7472.749 464.873

9066.044 442.860

10999.051 423.614

13344.203 412.066

16189.374 383.613

19641.176 381.248

23828.950 359.605

28909.616 358.291

35073.552 339.900

42551.724 354.440

**Zone 8**

**TAU(us) Magnitudes**

98.917 599.983

120.008 590.701

145.595 610.831

176.638 604.672

214.300 606.357

259.992 598.778

315.426 586.818

382.679 591.722

464.271 589.793

563.260 585.681

683.355 582.489

829.056 576.656

1005.823 570.825

1220.278 570.001

1480.459 563.446

1796.113 551.683

2179.070 549.369

2643.678 527.159

3207.347 515.052

3891.198 494.598

4720.856 484.837

5727.409 452.370

6948.573 451.781

8430.106 424.317

10227.522 409.275

12408.174 387.502

15053.770 373.771

18263.445 344.997

22157.467 337.624

26881.750 318.849

32613.316 316.773

39566.932 305.489

**Zone 9**

**TAU(us) Magnitudes**

92.980 605.376

112.804 583.931

136.856 605.096

166.036 572.472

201.437 590.245

244.386 588.741

296.492 580.824

359.709 580.195

436.403 582.296

529.451 580.164

642.337 575.306

779.292 567.919

945.448 564.337

1147.031 551.465

1391.595 542.668

1688.302 527.746

2048.272 526.624

2484.992 515.102

3014.827 503.092

3657.630 481.217

4437.488 464.271

5383.623 442.726

6531.487 437.880

7924.092 406.023

9613.619 382.238

11663.377 365.303

14150.173 343.461

17167.188 317.562

20827.473 316.497

25268.182 299.659

30655.713 276.362

37191.941 278.913

**Zone 10**

**TAU(us) Magnitudes**

80.103 592.635

97.182 589.201

117.902 591.932

143.040 580.353

173.539 590.360

210.540 580.832

255.430 593.478

309.891 582.559

375.964 568.432

456.125 567.584

553.377 560.645

671.364 568.430

814.509 549.097

988.173 544.216

1198.866 543.228

1454.481 521.316

1764.597 514.542

2140.833 494.677

2597.289 495.208

3151.067 465.799

3822.919 461.451

4638.019 430.970

5626.910 416.500

6826.646 379.776

8282.182 366.069

10048.060 337.177

12190.447 322.509

14789.621 296.486

17942.975 285.773

21768.669 275.995

26410.055 266.175

32041.049 268.252

**Zone 11**

**TAU(us) Magnitudes**

71.307 578.038

86.511 590.610

104.957 579.261

127.335 577.072

154.484 586.888

187.423 556.439

227.384 567.494

275.865 569.176

334.683 563.720

406.043 564.431

492.617 556.539

597.649 551.354

725.077 539.530

879.673 529.134

1067.232 531.630

1294.780 508.499

1570.846 515.631

1905.772 494.680

2312.109 476.689

2805.083 459.492

3403.166 436.842

4128.769 409.128

5009.081 406.000

6077.087 376.246

7372.807 357.894

8944.793 327.495

10851.948 316.477

13165.735 296.333

15972.855 273.958

19378.491 259.582

23510.257 251.489

28522.974 245.669

**Zone 12**

**TAU(us) Magnitudes**

65.595 573.828

79.581 573.753

96.548 566.785

117.134 566.127

142.108 581.187

172.408 574.976

209.168 561.701

253.765 569.618

307.871 549.314

373.514 555.111

453.152 551.002

549.771 548.507

666.989 543.787

809.201 529.992

981.734 514.691

1191.053 520.079

1445.002 498.368

1753.097 480.658

2126.882 468.832

2580.363 454.319

3130.532 432.075

3798.006 410.751

4607.794 387.858

5590.240 364.024

6782.158 340.976

8228.209 316.099

9982.578 297.992

12111.004 268.891

14693.240 253.572

17826.045 243.732

21626.807 226.129

26237.945 228.832

**Zone 13**

**TAU(us) Magnitudes**

57.849 571.434

70.183 552.151

85.147 563.951

103.302 570.232

125.327 557.187

152.049 554.012

184.468 568.329

223.799 552.993

271.516 551.685

329.407 549.596

399.641 538.116

484.850 542.325

588.226 537.848

713.644 535.180

865.803 514.976

1050.405 509.622

1274.366 493.688

1546.079 471.302

1875.724 466.974

2275.655 436.794

2760.856 431.314

3349.510 409.807

4063.672 371.535

4930.104 352.317

5981.271 323.576

7256.562 307.793

8803.762 279.974

10680.848 262.803

12958.155 249.014

15721.015 238.027

19072.955 228.041

23139.577 223.767

**Zone 14**

**TAU(us) Magnitudes**

53.653 566.705

65.092 569.922

78.971 558.922

95.808 553.849

116.236 561.282

141.019 549.493

171.087 554.504

207.565 553.572

251.820 546.197

305.512 532.943

370.651 534.909

449.679 525.612

545.557 525.297

661.878 513.720

802.999 515.575

974.210 504.671

1181.925 493.174

1433.929 472.166

1739.662 457.275

2110.583 438.779

2560.588 418.204

3106.542 397.219

3768.900 369.860

4572.482 355.116

5547.399 320.321

6730.183 297.705

8165.152 273.267

9906.077 255.006

12018.191 239.007

14580.638 223.161

17689.434 207.609

21461.070 212.432

**Zone 15**

**TAU(us) Magnitudes**

46.277 561.367

56.143 560.282

68.114 555.080

82.637 552.494

100.256 555.625

121.632 537.493

147.566 550.921

179.029 542.260

217.200 535.494

263.510 543.232

319.694 533.444

387.858 531.756

470.554 527.695

570.883 514.985

692.603 497.361

840.276 487.234

1019.435 476.059

1236.793 461.981

1500.494 454.604

1820.421 431.126

2208.560 407.484

2679.456 379.401

3250.753 363.383

3943.860 334.329

4784.746 311.656

5804.921 296.757

7042.611 263.185

8544.194 242.280

10365.936 224.674

12576.099 213.312

15257.500 212.106

18510.613 208.273

**Zone 16**

**TAU(us) Magnitudes**

44.595 548.377

54.103 551.312

65.639 554.072

79.634 545.881

96.613 547.167

117.213 544.150

142.204 548.172

172.524 540.985

209.308 524.725

253.936 536.857

308.078 528.615

373.765 524.144

453.457 513.597

550.140 500.953

667.438 496.727

809.745 491.000

982.394 492.729

1191.854 457.144

1445.974 458.998

1754.276 432.770

2128.313 411.654

2582.099 377.307

3132.639 366.203

3800.561 336.079

4610.894 317.418

5594.001 296.694

6786.721 271.372

8233.745 243.598

9989.294 227.731

12119.152 212.405

14703.125 201.539

17838.038 194.227

**Zone 17**

**TAU(us) Magnitudes**

39.963 548.326

48.484 553.035

58.821 538.557

71.363 545.508

86.578 539.641

105.038 542.848

127.434 539.710

154.604 530.534

187.568 550.775

227.560 534.062

276.079 514.348

334.943 513.262

406.358 510.215

492.999 503.832

598.113 485.148

725.639 483.185

880.355 475.510

1068.059 462.279

1295.785 432.938

1572.064 421.249

1907.250 390.092

2313.903 369.533

2807.259 351.883

3405.806 332.674

4131.972 289.694

5012.966 280.067

6081.801 250.195

7378.526 248.894

8951.731 217.693

10860.366 200.475

13175.948 188.906

15985.245 178.611

**Zone 18**

**TAU(us) Magnitudes**

36.913 544.755

44.783 542.633

54.332 540.122

65.916 538.147

79.970 540.596

97.021 535.131

117.707 540.042

142.804 526.636

173.252 528.868

210.191 531.445

255.007 518.524

309.378 514.843

375.342 508.559

455.370 497.379

552.461 491.736

670.253 473.749

813.161 475.270

986.538 452.097

1196.882 431.553

1452.074 420.690

1761.676 388.059

2137.290 369.569

2592.990 346.477

3145.852 332.961

3816.592 296.741

4630.343 269.048

5617.597 254.719

6815.347 235.417

8268.475 194.651

10031.430 195.109

12170.271 182.275

14765.143 182.441

**Zone 19**

**TAU(us) Magnitudes**

33.847 541.287

41.064 538.933

49.819 537.770

60.441 531.070

73.328 534.424

88.962 529.323

107.930 531.473

130.943 517.776

158.861 524.990

192.733 513.170

233.826 506.403

283.681 511.669

344.166 498.883

417.547 495.403

506.574 468.394

614.582 465.860

745.620 461.150

904.597 446.157

1097.469 423.581

1331.465 409.937

1615.352 389.985

1959.768 369.930

2377.618 345.993

2884.560 318.087

3499.588 295.899

4245.749 271.551

5151.003 240.287

6249.269 232.723

7581.700 203.170

9198.225 194.922

11159.416 177.520

13538.760 177.079

**Zone 20**

**TAU(us) Magnitudes**

30.705 536.948

37.251 519.565

45.194 516.200

54.830 534.045

66.520 527.895

80.703 523.334

97.910 525.300

118.786 531.327

144.113 518.439

174.840 520.340

212.118 504.901

257.345 500.105

312.215 495.592

378.783 497.996

459.545 480.144

557.527 464.229

676.399 456.189

820.617 440.906

995.584 425.768

1207.856 403.213

1465.388 387.844

1777.829 367.879

2156.888 342.818

2616.766 306.524

3174.697 294.687

3851.587 263.241

4672.800 240.270

5669.106 235.924

6877.839 207.114

8344.291 192.041

10123.410 186.071

12281.863 171.275

**Zone 21**

**TAU(us) Magnitudes**

26.067 539.321

31.625 534.690

38.368 536.766

46.548 530.101

56.473 522.898

68.514 520.743

83.122 518.161

100.845 514.650

122.347 519.450

148.433 513.979

180.080 503.083

218.476 502.333

265.058 492.330

321.572 478.192

390.136 480.074

473.319 471.477

574.237 447.393

696.672 435.656

845.212 417.978

1025.424 393.527

1244.058 369.011

1509.309 360.208

1831.115 327.452

2221.534 309.571

2695.196 289.080

3269.850 259.221

3967.028 234.977

4812.854 208.743

5839.022 195.274

7083.983 185.942

8594.387 177.123

10426.831 174.303

**Zone 22**

**TAU(us) Magnitudes**

24.762 531.805

30.041 537.934

36.447 526.375

44.218 519.788

53.646 528.197

65.084 522.953

78.960 517.098

95.796 520.331

116.221 516.030

141.001 517.716

171.064 498.829

207.537 505.873

251.787 495.930

305.471 468.275

370.602 472.940

449.620 460.385

545.485 461.474

661.790 455.762

802.893 427.168

974.081 406.450

1181.768 377.741

1433.738 358.713

1739.431 336.822

2110.302 315.379

2560.248 295.565

3106.129 260.634

3768.399 249.332

4571.875 219.105

5546.663 201.166

6729.289 191.290

8164.068 173.389

9904.761 163.132

**Zone 23**

**TAU(us) Magnitudes**

22.719 528.881

27.562 519.001

33.439 521.458

40.569 516.173

49.219 524.614

59.713 518.168

72.444 527.783

87.891 515.919

106.630 502.165

129.365 499.406

156.947 504.464

190.411 490.121

231.009 479.501

280.264 476.057

340.020 473.016

412.517 458.155

500.471 448.631

607.178 434.812

736.637 414.913

893.699 402.977

1084.248 368.798

1315.425 348.057

1595.892 330.500

1936.158 307.988

2348.974 287.616

2849.808 263.521

3457.427 231.953

4194.599 213.764

5088.947 195.363

6173.982 180.964

7490.361 174.702

9087.411 157.331

**Zone 24**

**TAU(us) Magnitudes**

19.461 528.211

23.610 523.295

28.644 516.778

34.751 518.900

42.160 519.160

51.150 511.865

62.055 521.166

75.287 517.015

91.339 503.955

110.813 503.703

134.440 493.050

163.105 491.691

197.881 478.885

240.072 478.475

291.259 475.530

353.359 452.423

428.701 450.129

520.105 428.739

630.999 406.649

765.537 393.515

928.760 368.889

1126.785 350.434

1367.032 326.794

1658.502 297.814

2012.118 287.526

2441.129 254.613

2961.612 241.542

3593.070 212.691

4359.162 206.166

5288.597 189.085

6416.200 171.296

7784.224 168.709

**Zone 25**

**TAU(us) Magnitudes**

18.993 518.597

23.043 519.350

27.956 514.806

33.916 514.449

41.148 505.778

49.921 511.233

60.565 499.376

73.478 507.454

89.144 506.019

108.151 510.420

131.211 493.400

159.187 482.382

193.127 485.882

234.305 482.445

284.262 471.551

344.870 460.077

418.402 445.952

507.611 435.440

615.841 420.014

747.146 403.380

906.448 371.167

1099.716 360.401

1334.191 330.604

1618.659 320.825

1963.780 281.914

2382.485 264.623

2890.464 239.309

3506.752 225.399

4254.440 203.206

5161.547 182.005

6262.061 179.266

7597.220 162.691

**Zone 26**

**TAU(us) Magnitudes**

16.975 519.417

20.595 520.438

24.986 522.213

30.313 515.293

36.776 508.106

44.617 512.601

54.130 508.398

65.671 505.160

79.674 501.208

96.661 501.258

117.271 495.831

142.274 485.808

172.609 475.581

209.412 482.071

254.061 469.352

308.231 461.653

373.950 438.443

453.681 410.528

550.413 413.796

667.768 383.734

810.146 368.984

982.880 353.505

1192.444 329.928

1446.690 296.062

1755.145 279.662

2129.366 263.486

2583.377 239.733

3134.189 217.863

3802.442 201.633

4613.176 183.854

5596.769 168.121

6790.079 160.961

**Zone 27**

**TAU(us) Magnitudes**

15.703 523.224

19.051 518.381

23.113 510.160

28.041 517.712

34.020 504.432

41.273 514.638

50.073 507.163

60.749 502.513

73.702 493.066

89.416 502.911

108.481 493.493

131.611 489.435

159.672 487.204

193.716 470.490

235.019 451.695

285.129 444.606

345.922 439.376

419.677 418.876

509.159 410.228

617.718 387.333

749.425 376.366

909.212 357.206

1103.069 322.092

1338.259 315.617

1623.595 276.690

1969.768 252.467

2389.750 240.250

2899.278 207.562

3517.445 197.401

4267.413 185.986

5177.286 162.861

6281.156 160.916

**Zone 28**

**TAU(us) Magnitudes**

14.319 513.481

17.372 510.672

21.076 516.101

25.569 517.362

31.021 505.824

37.635 516.281

45.659 511.939

55.394 503.457

67.205 510.729

81.534 486.072

98.919 490.965

120.009 472.824

145.597 479.054

176.640 474.344

214.303 462.138

259.995 456.942

315.430 437.518

382.684 423.345

464.277 409.535

563.268 398.552

683.364 378.914

829.067 346.564

1005.836 322.151

1220.294 304.480

1480.478 284.565

1796.136 256.271

2179.098 234.467

2643.712 224.281

3207.388 196.062

3891.248 189.254

4720.917 174.576

5727.483 161.116

**Zone 29**

**TAU(us) Magnitudes**

13.060 517.698

15.845 512.302

19.223 512.418

23.321 509.439

28.294 511.738

34.327 519.125

41.645 516.110

50.525 501.411

61.297 490.644

74.367 493.532

90.223 493.930

109.460 491.241

132.798 478.317

161.112 477.387

195.464 469.886

237.139 444.987

287.701 433.946

349.043 421.748

423.464 408.006

513.752 388.383

623.291 374.053

756.185 355.471

917.415 324.626

1113.020 306.806

1350.332 286.243

1638.242 257.025

1987.538 246.779

2411.308 216.612

2925.433 197.788

3549.177 182.069

4305.911 169.161

5223.991 170.210

**Zone 30**

**TAU(us) Magnitudes**

11.814 510.148

14.333 511.324

17.388 508.521

21.096 511.053

25.594 505.621

31.051 505.892

37.671 505.422

45.703 506.996

55.448 499.359

67.270 490.767

81.613 491.365

99.014 479.730

120.125 487.234

145.737 457.934

176.811 453.736

214.509 444.473

260.246 443.953

315.734 425.485

383.052 410.953

464.725 379.238

563.810 374.044

684.023 346.438

829.866 327.491

1006.805 306.408

1221.470 288.412

1481.904 263.002

1797.867 240.991

2181.197 216.762

2646.259 205.242

3210.479 188.468

3894.998 178.091

4725.466 167.316

**Zone 31**

**TAU(us) Magnitudes**

11.788 507.659

14.301 497.153

17.351 517.849

21.050 511.535

25.538 496.758

30.983 500.166

37.589 506.431

45.604 500.980

55.327 504.321

67.124 495.549

81.436 483.053

98.799 487.089

119.864 482.588

145.421 474.618

176.427 454.440

214.043 449.317

259.680 433.180

315.048 431.372

382.220 411.579

463.715 386.872

562.586 379.735

682.537 352.652

828.063 338.012

1004.618 312.948

1218.817 284.910

1478.686 267.972

1793.962 248.370

2176.460 229.015

2640.512 200.094

3203.506 179.261

3886.539 179.217

4715.203 162.388

**Zone 32**

**TAU(us) Magnitudes**

11.151 503.327

13.529 507.028

16.413 508.944

19.913 501.058

24.159 511.534

29.310 513.950

35.559 499.599

43.140 499.705

52.339 499.340

63.498 499.996

77.037 484.186

93.462 481.648

113.389 480.424

137.565 466.049

166.896 453.479

202.481 451.345

245.653 427.785

298.029 418.558

361.573 404.094

438.666 390.497

532.196 363.289

645.667 343.477

783.332 329.791

950.350 317.168

1152.978 282.342

1398.809 265.151

1697.054 232.074

2058.890 226.386

2497.874 204.269

3030.456 188.070

3676.592 168.242

4460.492 155.532

**Zone 33**

**TAU(us) Magnitudes**

10.070 504.180

12.217 511.647

14.822 501.762

17.982 513.533

21.817 505.259

26.468 506.683

32.111 503.036

38.958 505.703

47.264 506.124

57.342 494.579

69.568 477.523

84.401 469.908

102.396 475.411

124.229 464.190

150.716 449.099

182.851 440.186

221.837 427.904

269.136 428.991

326.519 407.391

396.138 385.066

480.600 362.223

583.071 354.258

707.390 317.717

858.215 303.732

1041.198 275.671

1263.196 260.218

1532.528 228.548

1859.284 218.667

2255.709 198.660

2736.658 184.041

3320.152 173.801

4028.055 157.104

**Zone 34**

**TAU(us) Magnitudes**

9.714 502.516

11.785 498.379

14.297 508.243

17.346 503.810

21.044 500.132

25.531 494.960

30.975 504.696

37.579 497.299

45.591 499.032

55.312 497.273

67.105 486.732

81.413 485.671

98.772 475.882

119.831 479.669

145.381 457.246

176.378 437.123

213.985 436.504

259.609 419.065

314.961 398.036

382.116 390.753

463.588 372.023

562.431 353.502

682.350 328.080

827.836 306.270

1004.342 280.986

1218.482 254.842

1478.280 245.008

1793.470 227.199

2175.863 202.477

2639.787 186.593

3202.627 170.481

3885.472 156.008

**Zone 35**

**TAU(us) Magnitudes**

9.135 513.266

11.083 516.743

13.446 504.280

16.313 509.135

19.791 512.201

24.010 505.243

29.130 492.306

35.340 488.836

42.875 489.256

52.017 493.674

63.108 488.708

76.563 485.565

92.888 466.830

112.693 467.601

136.720 455.576

165.871 454.162

201.237 433.862

244.144 423.823

296.198 400.331

359.352 392.937

435.971 359.167

528.926 342.836

641.701 325.477

778.520 310.501

944.511 290.055

1145.895 267.180

1390.215 240.807

1686.629 215.807

2046.242 198.472

2482.529 188.719

3011.839 173.717

3654.005 157.596

**Zone 36**

**TAU(us) Magnitudes**

9.078 508.313

11.014 510.127

13.362 513.602

16.211 501.824

19.667 507.842

23.861 505.074

28.948 498.433

35.120 493.265

42.608 489.366

51.693 490.180

62.714 493.253

76.086 475.899

92.308 475.031

111.990 461.643

135.868 457.239

164.837 446.836

199.982 435.906

242.621 422.205

294.351 407.970

357.111 385.823

433.252 372.318

525.628 358.228

637.699 339.522

773.666 306.975

938.622 292.396

1138.749 265.713

1381.547 244.072

1676.112 216.216

2033.482 199.366

2467.049 181.382

2993.059 173.997

3631.221 163.982

**Zone 37**

**TAU(us) Magnitudes**

8.755 506.893

10.622 510.003

12.887 506.645

15.634 504.226

18.968 504.064

23.012 507.599

27.918 494.012

33.871 495.496

41.092 492.308

49.854 494.044

60.483 482.494

73.379 476.646

89.025 464.670

108.006 465.791

131.035 456.609

158.973 441.232

192.868 432.498

233.991 421.406

283.881 394.871

344.408 390.307

417.841 371.726

506.930 345.695

615.015 338.200

746.145 313.732

905.233 286.248

1098.242 266.906

1332.402 242.898

1616.489 206.402

1961.147 194.771

2379.291 182.657

2886.589 169.103

3502.051 171.095

**Zone 38**

**TAU(us) Magnitudes**

7.994 505.984

9.698 504.358

11.766 517.306

14.274 509.180

17.318 505.295

21.010 504.363

25.490 498.541

30.925 498.372

37.518 491.146

45.518 497.462

55.223 480.515

66.997 481.740

81.282 473.482

98.612 455.911

119.638 462.906

145.146 442.749

176.093 421.470

213.639 419.084

259.190 394.873

314.452 382.315

381.498 370.693

462.839 350.264

561.522 325.953

681.247 309.092

826.498 287.168

1002.719 263.887

1216.513 230.357

1475.891 215.506

1790.571 208.771

2172.346 184.451

2635.521 174.536

3197.451 161.185

**Zone 39**

**TAU(us) Magnitudes**

7.865 503.364

9.542 512.660

11.577 505.763

14.045 492.096

17.040 506.733

20.673 497.607

25.081 502.931

30.428 495.569

36.916 495.826

44.787 497.531

54.336 485.716

65.921 488.499

79.976 474.373

97.028 455.421

117.716 456.131

142.815 456.335

173.265 443.122

210.208 429.644

255.027 406.333

309.402 394.643

375.371 380.374

455.406 358.123

552.504 332.712

670.306 312.824

813.225 287.579

986.616 275.317

1196.976 241.092

1452.188 223.676

1761.815 206.586

2137.458 196.307

2593.194 176.976

3146.100 173.299

**Zone 40**

**TAU(us) Magnitudes**

7.685 512.122

9.323 503.059

11.311 508.673

13.723 501.781

16.649 497.506

20.198 508.466

24.505 499.069

29.730 494.380

36.068 492.653

43.759 490.181

53.089 483.596

64.408 477.209

78.141 482.679

94.801 482.022

115.014 461.461

139.537 444.612

169.288 434.143

205.383 423.545

249.173 402.227

302.300 390.310

366.755 363.513

444.952 356.728

539.822 337.099

654.920 320.117

794.558 282.481

963.969 272.165

1169.500 246.781

1418.854 227.047

1721.374 203.328

2088.395 198.258

2533.670 179.012

3073.884 160.938