#

# h,k,l, Fc-squared, Fo-squared, sigma(Fo-squared) and status flag

#

data\_b4

\_shelx\_title ' p21c in P2(1)/c'

\_shelx\_refln\_list\_code 4

\_shelx\_F\_calc\_maximum 186.82

\_exptl\_crystal\_F\_000 787.31

\_reflns\_d\_resolution\_high 0.7092

loop\_

\_symmetry\_equiv\_pos\_as\_xyz

'x, y, z'

'-x, y+1/2, -z+1/2'

'-x, -y, -z'

'x, -y-1/2, z-1/2'

\_cell\_length\_a 8.7747

\_cell\_length\_b 11.4371

\_cell\_length\_c 6.1325

\_cell\_angle\_alpha 90.000

\_cell\_angle\_beta 99.192

\_cell\_angle\_gamma 90.000

\_shelx\_F\_squared\_multiplier 1.000

loop\_

\_refln\_index\_h

\_refln\_index\_k

\_refln\_index\_l

\_refln\_F\_squared\_calc

\_refln\_F\_squared\_meas

\_refln\_F\_squared\_sigma

\_refln\_observed\_status

1 0 0 328.63 302.21 5.68 o

2 0 0 378.73 328.12 6.06 o

3 0 0 15411.78 14863.18 50.03 o

4 0 0 609.74 670.96 10.79 o

5 0 0 8065.68 8094.14 41.56 o

6 0 0 5941.57 5632.92 68.81 o

7 0 0 3257.68 3198.91 31.04 o

8 0 0 2.94 13.84 6.33 o

9 0 0 5664.71 5402.30 99.51 o

10 0 0 4.17 -5.47 6.83 o

11 0 0 754.02 747.23 20.70 o

12 0 0 721.40 738.83 24.30 o

1 1 0 121.13 138.01 25.29 o

2 1 0 418.49 477.74 16.43 o

3 1 0 1724.64 1669.85 17.43 o

4 1 0 5315.89 5457.21 136.73 o

5 1 0 8932.58 8829.15 41.89 o

6 1 0 300.03 336.00 38.20 o

7 1 0 641.83 622.31 31.06 o

8 1 0 9024.93 8842.09 98.07 o

9 1 0 995.16 1017.93 82.19 o

10 1 0 16.83 13.27 7.03 o

11 1 0 8.44 3.63 7.40 o

12 1 0 869.63 858.99 23.24 o

0 2 0 263.20 294.42 6.32 o

1 2 0 70.94 69.15 3.64 o

2 2 0 137.97 159.64 15.18 o

3 2 0 451.19 412.15 46.14 o

4 2 0 1538.11 1453.98 34.95 o

5 2 0 2271.00 2316.34 44.80 o

6 2 0 1050.67 1070.79 32.70 o

7 2 0 5400.62 5395.50 186.14 o

8 2 0 207.96 246.17 36.86 o

9 2 0 594.68 609.35 19.96 o

10 2 0 420.13 377.32 18.70 o

11 2 0 53.80 63.88 21.13 o

12 2 0 0.01 0.13 7.62 o

1 3 0 30052.38 28021.22 209.90 o

2 3 0 20848.25 19939.96 449.78 o

3 3 0 4561.83 4490.25 189.84 o

4 3 0 3688.79 3673.07 61.76 o

5 3 0 1666.13 1615.37 19.03 o

6 3 0 1156.29 1179.53 22.49 o

7 3 0 121.62 97.96 8.77 o

8 3 0 4839.50 4867.68 54.28 o

9 3 0 20.97 23.21 6.96 o

10 3 0 894.54 885.18 21.51 o

11 3 0 385.87 291.58 29.71 o

12 3 0 44.92 35.22 12.64 o

0 4 0 27979.56 28602.68 75.33 o

1 4 0 5449.97 5539.91 44.98 o

2 4 0 725.54 743.69 20.22 o

3 4 0 5556.66 5609.00 187.31 o

4 4 0 85.24 110.74 9.40 o

5 4 0 3660.37 3936.59 109.20 o

6 4 0 4274.16 4343.03 82.29 o

7 4 0 57.53 67.27 13.27 o

8 4 0 703.85 692.76 16.99 o

9 4 0 1909.36 1912.31 28.87 o

10 4 0 183.02 139.62 19.86 o

11 4 0 4.11 2.12 7.15 o

1 5 0 445.41 472.84 16.62 o

2 5 0 4311.25 4426.37 72.89 o

3 5 0 549.28 542.58 43.71 o

4 5 0 151.82 148.95 7.42 o

5 5 0 403.61 411.27 17.43 o

6 5 0 762.28 796.69 73.88 o

7 5 0 1998.13 1960.90 72.24 o

8 5 0 1.08 2.07 5.99 o

9 5 0 122.02 109.61 9.35 o

10 5 0 503.29 465.77 26.36 o

11 5 0 222.68 204.76 15.44 o

0 6 0 6430.55 6929.36 46.60 o

1 6 0 584.51 637.92 10.79 o

2 6 0 4442.60 4544.53 76.15 o

3 6 0 568.84 595.94 14.45 o

4 6 0 1338.47 1270.58 17.62 o

5 6 0 39.29 35.78 6.42 o

6 6 0 2817.00 2944.15 53.29 o

7 6 0 3343.58 3215.70 136.64 o

8 6 0 58.95 49.27 7.83 o

9 6 0 2101.64 2193.87 75.50 o

10 6 0 550.32 547.12 21.42 o

11 6 0 209.04 184.94 27.82 o

1 7 0 8698.07 8794.25 54.83 o

2 7 0 4286.46 4412.67 108.10 o

3 7 0 3659.84 3605.80 71.00 o

4 7 0 1524.83 1486.14 20.06 o

5 7 0 201.42 183.64 10.19 o

6 7 0 839.83 875.62 46.42 o

7 7 0 52.07 52.01 7.35 o

8 7 0 188.01 175.68 10.99 o

9 7 0 1148.66 1215.16 66.10 o

10 7 0 1198.29 1361.59 27.39 o

11 7 0 19.88 7.22 11.19 o

0 8 0 2209.29 2400.95 33.23 o

1 8 0 8777.82 8642.47 130.68 o

2 8 0 1931.23 1919.90 21.78 o

3 8 0 527.52 522.85 12.58 o

4 8 0 712.24 678.85 14.76 o

5 8 0 155.62 157.45 17.61 o

6 8 0 1035.51 1067.39 20.19 o

7 8 0 146.02 116.23 9.44 o

8 8 0 2367.30 2433.31 60.79 o

9 8 0 121.08 103.97 13.64 o

10 8 0 74.40 77.28 9.96 o

1 9 0 749.54 769.97 17.16 o

2 9 0 297.23 317.64 10.59 o

3 9 0 325.91 338.30 32.60 o

4 9 0 41.22 36.95 6.51 o

5 9 0 2501.85 2651.88 64.11 o

6 9 0 2294.77 2310.48 83.99 o

7 9 0 1262.99 1374.98 28.35 o

8 9 0 727.96 770.87 29.54 o

9 9 0 1475.36 1491.05 89.50 o

10 9 0 163.97 184.29 15.44 o

0 10 0 3098.39 3378.16 44.78 o

1 10 0 1189.33 1205.66 31.88 o

2 10 0 27.50 23.52 6.26 o

3 10 0 3192.24 3209.89 32.31 o

4 10 0 270.90 249.44 11.29 o

5 10 0 1084.74 1090.29 45.61 o

6 10 0 14.66 15.06 6.95 o

7 10 0 348.57 335.86 14.17 o

8 10 0 353.81 388.73 63.95 o

9 10 0 1197.32 1319.79 27.32 o

1 11 0 188.04 161.82 9.51 o

2 11 0 4657.05 4595.51 40.05 o

3 11 0 1391.69 1432.41 23.18 o

4 11 0 622.11 673.38 39.82 o

5 11 0 1213.97 1213.14 23.11 o

6 11 0 324.37 262.89 13.09 o

7 11 0 504.87 582.18 28.09 o

8 11 0 1.59 1.46 7.16 o

0 12 0 289.06 246.73 16.81 o

1 12 0 2369.32 2385.05 38.20 o

2 12 0 1611.93 1687.07 25.73 o

3 12 0 22.66 16.28 6.77 o

4 12 0 111.02 132.19 9.90 o

5 12 0 253.60 265.54 12.89 o

6 12 0 2.99 15.23 6.83 o

7 12 0 1570.15 1734.23 30.14 o

8 12 0 538.50 564.02 36.86 o

1 13 0 476.41 488.49 15.32 o

2 13 0 104.74 85.41 10.11 o

3 13 0 396.66 353.69 14.56 o

4 13 0 0.27 4.30 6.04 o

5 13 0 3.45 8.31 6.65 o

6 13 0 2.97 5.80 7.53 o

7 13 0 1670.51 1723.23 100.06 o

0 14 0 19.93 18.80 9.04 o

1 14 0 352.56 329.99 14.44 o

2 14 0 390.30 343.27 15.32 o

3 14 0 5.22 5.71 6.87 o

4 14 0 21.41 26.55 7.53 o

5 14 0 328.94 263.54 24.56 o

6 14 0 467.28 493.03 33.51 o

1 15 0 479.02 549.26 25.01 o

2 15 0 2268.47 2397.24 35.58 o

3 15 0 81.89 93.63 10.15 o

4 15 0 390.95 379.18 16.66 o

0 16 0 1186.01 1207.51 37.20 o

1 16 0 574.02 568.35 19.02 o

-12 1 1 757.95 729.02 30.15 o

-11 1 1 142.65 138.72 15.89 o

-10 1 1 782.18 814.09 28.00 o

-9 1 1 686.88 682.62 24.56 o

-8 1 1 669.18 647.20 22.57 o

-7 1 1 1243.46 1309.92 28.53 o

-6 1 1 6240.57 5953.78 53.65 o

-5 1 1 3580.85 3672.05 37.93 o

-4 1 1 202.06 214.78 9.76 o

-3 1 1 34177.23 33096.39 86.69 o

-2 1 1 2359.90 2532.43 20.59 o

-1 1 1 36.06 44.78 4.50 o

0 1 1 52.01 61.76 4.87 o

1 1 1 2719.44 2389.93 19.33 o

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3 1 1 14631.17 14811.72 63.58 o

4 1 1 340.36 299.49 11.55 o

5 1 1 698.10 690.56 20.42 o

6 1 1 5615.27 5745.68 55.44 o

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9 1 1 84.32 95.72 12.64 o

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-12 2 1 22.74 26.38 12.28 o

-11 2 1 2806.40 2818.01 53.09 o

-10 2 1 78.19 55.08 12.81 o

-9 2 1 7.63 7.58 8.84 o

-8 2 1 534.70 549.49 20.95 o

-7 2 1 216.51 226.34 14.27 o

-6 2 1 55.05 54.02 9.40 o

-5 2 1 136.62 151.00 9.93 o

-4 2 1 38.19 35.42 6.49 o

-3 2 1 4781.32 4942.94 34.69 o

-2 2 1 178.48 202.14 7.78 o

-1 2 1 283.26 374.09 8.67 o

0 2 1 295.24 318.29 8.31 o

1 2 1 65.83 112.17 6.85 o

2 2 1 34900.16 32327.26 84.54 o

3 2 1 1302.71 1258.98 19.69 o

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-12 3 1 36.88 36.84 12.48 o

-11 3 1 21.83 28.90 11.75 o

-10 3 1 1240.45 1279.77 34.69 o

-9 3 1 358.20 303.09 18.97 o

-8 3 1 329.91 304.72 17.71 o

-7 3 1 1128.36 1204.07 27.80 o

-6 3 1 6590.60 6689.29 57.99 o

-5 3 1 1.57 10.66 6.69 o

-4 3 1 2429.10 2584.09 29.79 o

-3 3 1 4098.97 4109.53 33.23 o

-2 3 1 6.26 12.48 5.06 o

-1 3 1 675.03 761.16 12.81 o

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1 3 1 18999.87 18320.62 61.07 o

2 3 1 246.67 243.32 9.04 o

3 3 1 36.84 59.25 6.85 o

4 3 1 7872.53 7561.36 54.02 o

5 3 1 2871.70 2988.18 38.10 o

6 3 1 182.58 147.92 12.64 o

7 3 1 4.25 7.05 8.31 o

8 3 1 506.46 512.81 21.68 o

9 3 1 155.72 155.17 14.63 o

10 3 1 339.69 347.71 20.79 o

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-11 4 1 50.47 49.12 12.11 o

-10 4 1 2.07 8.47 9.93 o

-9 4 1 805.42 761.89 26.18 o

-8 4 1 1089.09 1118.47 29.26 o

-7 4 1 2422.18 2268.72 38.10 o

-6 4 1 1577.06 1515.87 29.09 o

-5 4 1 14828.26 15338.97 81.66 o

-4 4 1 13402.21 13762.43 70.63 o

-3 4 1 451.20 467.67 12.81 o

-2 4 1 3177.32 3081.75 28.37 o

-1 4 1 1191.85 1191.99 16.98 o

0 4 1 237.66 228.85 8.84 o

1 4 1 2216.16 2156.74 23.47 o

2 4 1 524.50 540.62 13.37 o

3 4 1 9250.54 9488.53 57.06 o

4 4 1 11421.81 10566.15 66.30 o

5 4 1 1740.81 1764.21 30.35 o

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8 4 1 423.01 405.34 19.33 o

9 4 1 1187.82 1098.25 32.14 o

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-11 5 1 1040.83 1064.29 34.69 o

-10 5 1 7.11 2.88 9.93 o

-9 5 1 2820.63 2848.36 49.48 o

-8 5 1 325.18 370.49 18.24 o

-7 5 1 60.87 61.76 10.29 o

-6 5 1 0.30 -4.70 8.14 o

-5 5 1 4543.30 4598.15 46.97 o

-4 5 1 2642.06 3060.23 35.42 o

-3 5 1 6601.73 6737.15 48.23 o

-2 5 1 11396.00 11106.97 57.79 o

-1 5 1 1123.19 1234.42 19.33 o

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4 5 1 391.53 347.18 14.27 o

5 5 1 932.92 858.01 22.57 o

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9 5 1 247.24 288.66 18.07 o

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-11 6 1 1.36 -3.81 10.82 o

-10 6 1 9.83 -0.17 9.93 o

-9 6 1 993.22 1131.28 31.97 o

-8 6 1 1.85 1.09 8.67 o

-7 6 1 855.47 915.80 26.18 o

-6 6 1 1519.07 1565.72 31.08 o

-5 6 1 95.18 102.05 10.82 o

-4 6 1 3516.56 3658.84 40.65 o

-3 6 1 204.56 236.43 11.39 o

-2 6 1 190.67 180.26 9.76 o

-1 6 1 1728.81 1721.78 24.39 o

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1 6 1 1275.48 1155.84 20.79 o

2 6 1 847.44 742.03 17.71 o

3 6 1 20396.12 20830.87 94.67 o

4 6 1 3489.04 3467.76 41.90 o

5 6 1 666.09 657.33 20.79 o

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7 6 1 1426.60 1481.34 34.32 o

8 6 1 1281.52 1328.52 33.96 o

9 6 1 784.71 750.87 28.17 o

10 6 1 2881.15 2940.84 56.17 o

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-11 7 1 533.53 596.79 27.44 o

-10 7 1 582.03 602.22 26.02 o

-9 7 1 640.92 645.21 25.29 o

-8 7 1 0.65 -0.36 9.40 o

-7 7 1 1512.39 1550.72 33.96 o

-6 7 1 1835.55 1927.13 35.58 o

-5 7 1 2004.77 2144.63 35.58 o

-4 7 1 11313.10 11533.43 75.86 o

-3 7 1 1589.43 1744.72 28.53 o

-2 7 1 1705.54 1682.56 27.27 o

-1 7 1 2755.36 2681.64 33.07 o

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7 7 1 5.26 17.34 9.04 o

8 7 1 733.79 675.57 25.29 o

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10 7 1 60.14 59.98 13.01 o

-10 8 1 19.12 22.21 11.39 o

-9 8 1 40.04 35.58 10.82 o

-8 8 1 119.69 129.16 13.90 o

-7 8 1 267.37 303.82 17.15 o

-6 8 1 586.20 555.98 20.95 o

-5 8 1 225.25 204.82 14.10 o

-4 8 1 296.34 311.24 15.16 o

-3 8 1 6.46 0.00 7.58 o

-2 8 1 3875.92 3732.36 42.63 o

-1 8 1 6.54 13.17 7.22 o

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1 8 1 34.73 25.29 7.78 o

2 8 1 1830.29 1773.61 30.52 o

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9 8 1 0.10 18.80 10.13 o

10 8 1 281.57 259.93 20.06 o

-10 9 1 78.96 73.35 14.10 o

-9 9 1 449.82 488.62 23.30 o

-8 9 1 46.72 40.28 10.82 o

-7 9 1 289.72 250.17 16.81 o

-6 9 1 2.71 8.67 8.31 o

-5 9 1 493.07 566.27 20.42 o

-4 9 1 396.10 395.94 17.34 o

-3 9 1 564.49 582.52 20.22 o

-2 9 1 733.87 754.67 21.32 o

-1 9 1 2709.32 2832.11 39.39 o

0 9 1 90.09 74.24 10.29 o

1 9 1 68.65 78.58 10.13 o

2 9 1 6.24 1.62 8.14 o

3 9 1 116.25 116.68 12.28 o

4 9 1 603.97 580.90 20.95 o

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8 9 1 412.16 310.87 20.79 o

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-9 10 1 559.48 652.79 28.37 o

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-7 10 1 7.10 6.16 9.93 o

-6 10 1 245.81 275.46 17.34 o

-5 10 1 1858.29 1906.91 37.93 o

-4 10 1 304.99 267.71 15.72 o

-3 10 1 961.54 894.85 24.92 o

-2 10 1 1370.63 1450.46 30.72 o

-1 10 1 3.31 5.96 7.41 o

0 10 1 1162.30 1169.21 27.11 o

1 10 1 3530.67 3595.99 47.50 o

2 10 1 11.86 16.62 7.94 o

3 10 1 6348.77 6452.13 66.10 o

4 10 1 2338.87 2430.38 42.43 o

5 10 1 19.56 9.40 8.47 o

6 10 1 213.27 165.10 14.99 o

7 10 1 0.69 0.53 9.20 o

8 10 1 1586.90 1487.50 39.92 o

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-9 11 1 302.60 279.06 21.32 o

-8 11 1 714.23 754.31 28.90 o

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-6 11 1 972.04 1006.30 30.88 o

-5 11 1 2449.01 2573.80 46.07 o

-4 11 1 3159.34 3359.36 50.74 o

-3 11 1 638.68 697.77 23.67 o

-2 11 1 2497.89 2550.70 42.27 o

-1 11 1 368.11 352.94 17.15 o

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3 11 1 108.60 112.54 12.11 o

4 11 1 34.41 52.73 10.13 o

5 11 1 1907.14 1926.24 41.18 o

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7 11 1 0.95 -9.93 9.93 o

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-8 12 1 1814.64 1867.55 44.98 o

-7 12 1 111.03 104.03 14.99 o

-6 12 1 322.56 346.62 20.79 o

-5 12 1 1247.12 1215.29 33.96 o

-4 12 1 238.25 243.68 16.62 o

-3 12 1 89.45 73.35 12.28 o

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6 12 1 1021.12 1023.08 33.23 o

7 12 1 121.11 92.48 14.80 o

-7 13 1 5.51 31.25 11.19 o

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-5 13 1 56.76 66.66 13.54 o

-4 13 1 701.16 706.61 26.91 o

-3 13 1 489.76 479.38 22.04 o

-2 13 1 107.53 95.92 12.28 o

-1 13 1 901.68 892.86 28.90 o

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3 13 1 118.81 105.65 14.80 o

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5 13 1 52.43 62.13 12.11 o

6 13 1 3.48 2.35 9.76 o

-6 14 1 207.66 172.88 18.24 o

-5 14 1 1487.03 1675.34 42.10 o

-4 14 1 952.97 1088.65 33.76 o

-3 14 1 155.07 157.16 15.72 o

-2 14 1 1569.86 1698.11 40.81 o

-1 14 1 1813.23 1885.79 42.10 o

0 14 1 48.05 40.28 11.02 o

1 14 1 378.30 352.58 21.12 o

2 14 1 887.39 860.00 30.35 o

3 14 1 7.72 15.72 9.93 o

4 14 1 2088.39 2319.66 49.48 o

5 14 1 6.75 -9.76 10.29 o

-4 15 1 336.90 324.41 21.85 o

-3 15 1 470.08 522.74 24.56 o

-2 15 1 4.89 0.89 10.49 o

-1 15 1 44.20 31.78 11.92 o

0 15 1 85.03 72.98 12.81 o

1 15 1 309.98 310.87 20.42 o

2 15 1 110.90 89.04 14.27 o

3 15 1 45.41 43.89 12.64 o

4 15 1 331.95 302.56 22.21 o

0 16 1 720.22 844.80 31.61 o

-12 0 2 71.13 75.14 13.74 o

-11 0 2 35.93 24.20 12.28 o

-10 0 2 2475.67 2343.86 46.07 o

-9 0 2 5876.58 5511.93 65.74 o

-8 0 2 4230.04 4117.67 53.65 o

-7 0 2 3.96 82.19 10.29 o

-6 0 2 8165.68 8006.26 63.39 o

-5 0 2 43.52 37.57 7.78 o

-4 0 2 6818.96 7272.73 50.05 o

-3 0 2 6915.53 7132.03 43.53 o

-2 0 2 11070.63 11178.33 51.11 o

-1 0 2 31507.88 30745.12 81.09 o

0 0 2 11805.59 11453.95 49.68 o

1 0 2 4558.63 4641.84 33.76 o

2 0 2 151.87 171.95 9.04 o

3 0 2 10843.74 11148.88 62.13 o

4 0 2 9735.15 9905.78 64.31 o

5 0 2 5.97 3.44 7.41 o

6 0 2 2641.12 2865.34 41.54 o

7 0 2 0.90 -0.17 8.14 o

8 0 2 2253.06 2196.30 42.10 o

9 0 2 30.08 34.32 11.19 o

10 0 2 934.61 948.31 35.05 o

11 0 2 296.35 328.02 22.21 o

-12 1 2 34.35 27.64 12.11 o

-11 1 2 184.55 147.39 16.45 o

-10 1 2 455.90 441.29 21.48 o

-9 1 2 1364.56 1270.20 32.87 o

-8 1 2 578.90 634.55 22.41 o

-7 1 2 217.85 241.50 14.99 o

-6 1 2 4156.67 4079.74 45.15 o

-5 1 2 1358.26 1433.48 24.92 o

-4 1 2 8874.81 8882.14 54.38 o

-3 1 2 1374.20 1365.20 19.33 o

-2 1 2 2919.66 2995.76 26.38 o

-1 1 2 14595.61 14353.82 55.28 o

0 1 2 6025.88 5918.00 36.11 o

1 1 2 5720.75 5814.13 37.93 o

2 1 2 2747.93 2768.36 28.73 o

3 1 2 2697.11 2846.54 31.97 o

4 1 2 3100.09 3343.47 37.93 o

5 1 2 1574.13 1565.88 28.90 o

6 1 2 5943.70 6209.17 61.07 o

7 1 2 184.03 272.94 16.09 o

8 1 2 2942.27 3197.53 52.20 o

9 1 2 182.19 166.19 14.63 o

10 1 2 396.51 384.92 25.82 o

11 1 2 406.25 392.69 24.56 o

-12 2 2 112.34 94.10 15.52 o

-11 2 2 215.12 181.35 17.34 o

-10 2 2 2.95 -7.41 9.57 o

-9 2 2 231.12 252.52 16.98 o

-8 2 2 825.24 830.74 25.12 o

-7 2 2 45.86 52.03 10.49 o

-6 2 2 1114.77 1168.49 25.12 o

-5 2 2 3599.83 3454.91 38.10 o

-4 2 2 392.87 434.96 13.37 o

-3 2 2 2144.88 2265.84 25.45 o

-2 2 2 1473.84 1499.78 19.50 o

-1 2 2 2323.57 2393.18 23.47 o

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2 2 2 4589.01 4634.42 37.93 o

3 2 2 453.26 435.33 13.54 o

4 2 2 62.34 71.69 9.76 o

5 2 2 1762.78 1814.79 31.44 o

6 2 2 3522.37 3539.45 46.97 o

7 2 2 14.84 37.93 9.57 o

8 2 2 169.02 130.41 16.62 o

9 2 2 1225.99 1258.45 34.69 o

10 2 2 88.70 107.11 16.62 o

11 2 2 220.64 195.26 18.24 o

-12 3 2 394.91 356.38 23.47 o

-11 3 2 1023.85 951.02 32.70 o

-10 3 2 23.18 23.47 10.66 o

-9 3 2 3466.07 3425.29 52.20 o

-8 3 2 1572.18 1610.14 34.32 o

-7 3 2 575.79 584.34 20.59 o

-6 3 2 623.64 607.28 19.33 o

-5 3 2 8.51 24.56 7.41 o

-4 3 2 27.54 48.76 7.05 o

-3 3 2 13207.40 13109.27 62.86 o

-2 3 2 76.04 87.61 6.49 o

-1 3 2 511.77 442.18 11.75 o

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9 3 2 1087.57 1156.93 33.60 o

10 3 2 70.92 102.24 14.10 o

11 3 2 64.75 33.60 12.64 o

-11 4 2 57.51 51.67 14.27 o

-10 4 2 0.18 11.55 9.04 o

-9 4 2 1444.74 1437.09 35.05 o

-8 4 2 2153.93 2156.38 39.92 o

-7 4 2 326.12 360.56 16.81 o

-6 4 2 3948.46 3972.59 46.41 o

-5 4 2 1020.98 966.91 22.21 o

-4 4 2 123.00 127.53 9.04 o

-3 4 2 751.36 747.09 16.62 o

-2 4 2 0.57 8.14 5.43 o

-1 4 2 10.77 2.35 5.23 o

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2 4 2 356.75 357.84 12.81 o

3 4 2 780.24 721.24 18.24 o

4 4 2 16.68 9.04 7.58 o

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7 4 2 126.29 111.98 12.81 o

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11 4 2 419.35 378.79 23.30 o

-11 5 2 55.84 58.52 13.74 o

-10 5 2 120.83 130.05 14.99 o

-9 5 2 57.72 59.25 11.39 o

-8 5 2 1137.34 1254.31 31.08 o

-7 5 2 495.35 472.90 19.33 o

-6 5 2 470.33 503.25 18.44 o

-5 5 2 162.85 153.91 11.75 o

-4 5 2 142.29 140.91 10.13 o

-3 5 2 200.76 225.61 11.02 o

-2 5 2 14803.32 15052.85 71.69 o

-1 5 2 6137.39 6061.95 44.98 o

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2 5 2 3719.78 3799.02 39.19 o

3 5 2 4347.43 4295.38 44.25 o

4 5 2 1067.62 1042.04 24.39 o

5 5 2 2405.21 2340.78 38.10 o

6 5 2 1215.63 1251.40 30.35 o

7 5 2 1611.00 1480.98 34.69 o

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9 5 2 14.82 6.49 9.76 o

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-11 6 2 315.10 281.05 20.42 o

-10 6 2 1113.44 1096.06 33.96 o

-9 6 2 11.77 16.98 9.76 o

-8 6 2 1366.93 1408.03 33.60 o

-7 6 2 536.58 542.97 20.79 o

-6 6 2 280.13 297.67 14.99 o

-5 6 2 1834.93 1662.53 30.52 o

-4 6 2 2037.17 2141.02 32.34 o

-3 6 2 301.54 286.48 13.17 o

-2 6 2 873.24 865.39 19.13 o

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-11 7 2 345.72 401.90 22.41 o

-10 7 2 1051.48 1108.54 34.13 o

-9 7 2 354.78 373.36 21.12 o

-8 7 2 143.28 170.86 14.46 o

-7 7 2 1354.46 1454.43 33.07 o

-6 7 2 110.83 129.68 11.55 o

-5 7 2 2192.08 2188.88 36.11 o

-4 7 2 1801.28 1986.94 32.87 o

-3 7 2 8398.35 8171.19 62.69 o

-2 7 2 0.60 5.23 7.05 o

-1 7 2 1450.14 1372.25 25.29 o

0 7 2 11382.81 10900.16 69.38 o

1 7 2 37.60 32.34 7.78 o

2 7 2 225.69 215.84 12.64 o

3 7 2 141.26 120.28 10.82 o

4 7 2 2161.81 2105.80 36.11 o

5 7 2 40.66 35.58 9.20 o

6 7 2 909.61 939.27 27.44 o

7 7 2 1688.70 1612.68 37.77 o

8 7 2 56.47 42.10 12.28 o

9 7 2 512.40 596.26 26.74 o

10 7 2 32.54 16.09 11.92 o

-10 8 2 1328.56 1348.22 37.77 o

-9 8 2 56.53 77.12 13.37 o

-8 8 2 814.65 894.85 28.73 o

-7 8 2 2014.13 2200.80 41.54 o

-6 8 2 78.22 51.83 10.29 o

-5 8 2 1737.33 1765.84 34.32 o

-4 8 2 718.11 719.09 21.48 o

-3 8 2 152.76 152.99 12.48 o

-2 8 2 984.46 971.44 23.30 o

-1 8 2 12287.79 12062.16 77.49 o

0 8 2 141.02 138.92 11.55 o

1 8 2 3135.97 3189.75 41.37 o

2 8 2 3018.96 2817.65 40.08 o

3 8 2 31.61 47.86 9.20 o

4 8 2 450.95 439.83 18.97 o

5 8 2 3435.26 3237.61 49.32 o

6 8 2 196.88 150.11 14.99 o

7 8 2 721.37 734.98 26.91 o

8 8 2 132.99 108.00 14.99 o

9 8 2 2.65 18.80 10.66 o

-10 9 2 261.16 238.78 18.97 o

-9 9 2 558.35 575.14 25.82 o

-8 9 2 61.20 78.21 12.64 o

-7 9 2 2712.19 2686.17 47.86 o

-6 9 2 111.79 110.19 12.48 o

-5 9 2 46.91 43.72 9.57 o

-4 9 2 1303.04 1327.63 29.79 o

-3 9 2 252.47 234.08 14.27 o

-2 9 2 4420.79 4422.92 50.94 o

-1 9 2 430.40 430.99 17.34 o

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2 9 2 73.69 57.43 9.57 o

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4 9 2 5728.69 5696.72 64.11 o

5 9 2 23.49 17.15 9.40 o

6 9 2 27.23 29.62 9.20 o

7 9 2 4394.87 4360.42 64.48 o

8 9 2 483.96 521.65 24.20 o

9 9 2 467.71 518.77 25.65 o

-9 10 2 137.46 162.92 16.98 o

-8 10 2 310.97 307.96 20.06 o

-7 10 2 271.46 236.80 17.71 o

-6 10 2 2259.04 2301.22 43.53 o

-5 10 2 206.02 194.73 14.63 o

-4 10 2 2081.63 2143.17 39.39 o

-3 10 2 1511.92 1552.87 32.87 o

-2 10 2 604.62 613.24 21.68 o

-1 10 2 2500.23 2475.89 40.45 o

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1 10 2 1868.59 1909.26 35.95 o

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3 10 2 2335.62 2329.23 42.10 o

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5 10 2 80.50 59.98 11.55 o

6 10 2 765.92 751.07 27.44 o

7 10 2 234.04 216.77 18.44 o

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-8 11 2 759.34 800.55 30.52 o

-7 11 2 144.21 164.54 15.36 o

-6 11 2 50.04 37.40 10.49 o

-5 11 2 0.17 3.81 8.84 o

-4 11 2 311.12 265.16 17.51 o

-3 11 2 13.79 6.32 8.31 o

-2 11 2 3412.31 3403.81 49.68 o

-1 11 2 2994.90 3013.83 46.97 o

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5 11 2 172.12 154.08 14.99 o

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8 11 2 341.04 351.32 23.14 o

-8 12 2 7.07 12.81 10.13 o

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4 12 2 263.61 255.23 17.87 o

5 12 2 1.37 4.70 9.04 o

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-7 13 2 43.31 48.76 11.75 o

-6 13 2 499.18 525.09 24.76 o

-5 13 2 93.91 89.04 13.54 o

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-3 13 2 0.31 4.17 9.04 o

-2 13 2 460.31 485.18 22.21 o

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2 13 2 20.16 15.89 9.93 o

3 13 2 52.52 24.03 12.11 o

4 13 2 87.86 76.96 13.17 o

5 13 2 353.48 328.58 22.04 o

6 13 2 0.27 1.46 9.57 o

-5 14 2 3.48 -0.36 10.82 o

-4 14 2 172.51 182.98 16.62 o

-3 14 2 998.58 998.35 32.50 o

-2 14 2 29.92 57.63 12.11 o

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3 14 2 210.02 246.92 18.97 o

4 14 2 268.41 298.39 20.95 o

-3 15 2 220.53 189.66 17.51 o

-2 15 2 1844.79 1967.25 46.07 o

-1 15 2 553.29 608.74 26.18 o

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-6 1 3 172.12 229.22 13.37 o

-5 1 3 5445.81 5489.92 49.48 o

-4 1 3 11576.96 11522.44 65.93 o

-3 1 3 57.72 60.70 7.22 o

-2 1 3 16224.96 16331.73 73.15 o

-1 1 3 60.89 83.08 7.58 o

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3 1 3 13.01 48.95 8.84 o

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-9 2 3 479.21 498.91 21.48 o

-8 2 3 339.78 339.40 17.87 o

-7 2 3 1305.03 1226.31 28.37 o

-6 2 3 10940.70 10712.12 74.97 o

-5 2 3 144.56 254.50 12.28 o

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-3 2 3 7429.88 7143.94 50.41 o

-2 2 3 5312.06 5220.06 41.90 o

-1 2 3 3579.29 3617.67 34.85 o

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8 2 3 326.20 315.01 18.97 o

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-8 3 3 2110.61 1982.77 39.02 o

-7 3 3 460.71 475.41 18.97 o

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-4 3 3 1195.75 1099.31 22.04 o

-3 3 3 3.22 5.59 6.16 o

-2 3 3 2606.00 2521.77 30.35 o

-1 3 3 6570.73 6661.48 48.42 o

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-11 4 3 389.65 425.93 23.47 o

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-9 4 3 1307.16 1327.99 34.13 o

-8 4 3 313.07 304.72 17.15 o

-7 4 3 1441.48 1530.50 31.78 o

-6 4 3 6571.64 6474.70 60.70 o

-5 4 3 6155.94 6172.33 55.28 o

-4 4 3 5091.43 5229.26 48.06 o

-3 4 3 10603.96 10174.75 63.95 o

-2 4 3 1642.96 1656.01 25.82 o

-1 4 3 213.79 229.58 10.49 o

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9 4 3 449.53 488.06 24.03 o

10 4 3 486.79 477.76 25.65 o

-11 5 3 1714.45 1818.40 44.25 o

-10 5 3 0.94 -2.35 8.84 o

-9 5 3 275.68 273.83 17.87 o

-8 5 3 1080.49 1133.83 30.35 o

-7 5 3 2243.37 2247.77 39.55 o

-6 5 3 2.42 10.29 7.94 o

-5 5 3 17.17 42.43 8.84 o

-4 5 3 1947.74 1966.16 31.25 o

-3 5 3 470.69 475.61 16.09 o

-2 5 3 580.10 541.54 16.25 o

-1 5 3 8901.12 8785.32 60.34 o

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4 5 3 49.59 45.88 9.76 o

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6 5 3 3210.32 3176.94 49.68 o

7 5 3 5.20 20.59 8.84 o

8 5 3 1060.18 1152.23 34.32 o

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10 5 3 6.22 -3.61 9.93 o

-11 6 3 260.79 257.58 19.33 o

-10 6 3 2472.31 2451.70 49.32 o

-9 6 3 37.60 37.04 10.82 o

-8 6 3 68.06 73.35 11.75 o

-7 6 3 149.08 152.82 13.17 o

-6 6 3 3833.34 3662.65 48.59 o

-5 6 3 2434.51 2484.93 38.10 o

-4 6 3 3224.86 3232.02 41.74 o

-3 6 3 15936.45 15682.34 86.89 o

-2 6 3 295.64 314.65 14.10 o

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4 6 3 2618.89 2547.06 41.18 o

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7 6 3 456.03 495.64 22.57 o

8 6 3 42.26 37.40 12.11 o

9 6 3 296.49 284.13 20.95 o

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-9 7 3 61.63 81.09 12.11 o

-8 7 3 305.41 295.15 18.07 o

-7 7 3 2341.33 2422.80 43.00 o

-6 7 3 189.62 170.70 13.17 o

-5 7 3 2412.55 2472.85 39.55 o

-4 7 3 2410.08 2439.58 37.57 o

-3 7 3 1263.36 1302.71 27.44 o

-2 7 3 5975.50 5874.11 55.44 o

-1 7 3 96.40 94.47 10.29 o

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6 7 3 317.23 280.88 18.24 o

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-10 8 3 316.49 341.22 21.48 o

-9 8 3 39.37 40.08 11.02 o

-8 8 3 126.28 134.58 13.90 o

-7 8 3 24.28 28.73 11.19 o

-6 8 3 982.93 878.60 26.18 o

-5 8 3 751.81 817.17 24.76 o

-4 8 3 1120.97 1107.62 27.27 o

-3 8 3 1774.46 1676.07 32.50 o

-2 8 3 15.74 31.08 8.67 o

-1 8 3 127.34 138.36 11.75 o

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6 8 3 1210.23 1251.96 34.13 o

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8 8 3 23.42 26.38 11.19 o

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-9 9 3 389.42 391.07 21.68 o

-8 9 3 118.45 110.55 13.74 o

-7 9 3 0.26 2.15 9.20 o

-6 9 3 25.05 22.57 8.67 o

-5 9 3 33.02 28.53 9.04 o

-4 9 3 19.82 24.20 8.84 o

-3 9 3 318.46 308.69 15.89 o

-2 9 3 12.47 21.32 8.14 o

-1 9 3 267.75 259.04 14.27 o

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7 9 3 4.64 9.76 9.76 o

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-9 10 3 40.56 23.30 10.82 o

-8 10 3 11.77 16.25 10.66 o

-7 10 3 140.06 110.19 14.27 o

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-4 10 3 2912.70 2794.34 46.24 o

-3 10 3 749.90 723.79 24.20 o

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3 10 3 128.84 123.36 13.37 o

4 10 3 2747.27 2583.37 47.70 o

5 10 3 506.67 500.90 23.83 o

6 10 3 98.28 69.54 12.48 o

7 10 3 171.99 137.10 15.89 o

-8 11 3 272.17 249.64 19.50 o

-7 11 3 1986.10 2042.75 44.78 o

-6 11 3 5.46 37.57 10.49 o

-5 11 3 1615.86 1624.04 38.30 o

-4 11 3 1268.23 1343.15 33.96 o

-3 11 3 166.93 166.72 14.27 o

-2 11 3 1449.94 1487.67 34.49 o

-1 11 3 472.40 503.41 21.12 o

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-7 12 3 64.58 75.33 13.01 o

-6 12 3 381.21 352.05 21.32 o

-5 12 3 92.63 85.43 13.01 o

-4 12 3 964.10 913.25 29.79 o

-3 12 3 296.55 303.09 18.44 o

-2 12 3 517.33 531.95 22.77 o

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-6 13 3 221.41 269.86 19.86 o

-5 13 3 28.75 33.96 11.19 o

-4 13 3 0.43 15.16 9.20 o

-3 13 3 187.82 151.00 15.36 o

-2 13 3 266.25 256.13 18.24 o

-1 13 3 15.36 17.71 9.57 o

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-5 14 3 1773.99 1903.13 46.24 o

-4 14 3 1121.54 1128.77 35.42 o

-3 14 3 307.31 309.95 21.12 o

-2 14 3 1117.47 1079.28 34.13 o

-1 14 3 44.75 54.75 11.75 o

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-1 15 3 69.90 71.89 13.90 o

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-10 0 4 1659.24 1605.63 40.08 o

-9 0 4 1464.82 1453.18 36.48 o

-8 0 4 1501.68 1479.72 34.85 o

-7 0 4 9114.45 8608.50 76.96 o

-6 0 4 53.73 51.67 9.76 o

-5 0 4 365.21 365.42 15.89 o

-4 0 4 173.93 174.50 12.48 o

-3 0 4 8005.82 8336.46 63.22 o

-2 0 4 610.32 698.50 18.97 o

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-10 1 4 141.47 131.31 15.36 o

-9 1 4 131.75 127.70 13.90 o

-8 1 4 1718.35 1706.59 37.04 o

-7 1 4 354.55 382.40 16.98 o

-6 1 4 483.17 484.81 18.24 o

-5 1 4 2751.60 2751.91 37.93 o

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-7 5 4 1945.50 1898.43 37.40 o

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-7 5 5 1769.28 1622.42 36.67 o

-6 5 5 134.19 136.93 12.28 o

-5 5 5 195.94 227.43 14.46 o

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-7 6 5 12.77 10.29 8.84 o

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-9 0 6 10793.37 9901.81 97.54 o

-8 0 6 20.30 36.48 10.82 o

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-5 0 6 413.48 411.30 19.33 o

-4 0 6 583.16 538.83 22.41 o

-3 0 6 2406.37 2343.86 42.10 o

-2 0 6 0.87 8.31 8.84 o

-1 0 6 46.81 51.47 11.02 o

0 0 6 4904.62 4685.00 58.72 o

1 0 6 228.32 229.41 15.72 o

2 0 6 1354.11 1314.99 33.60 o

3 0 6 2011.18 2091.17 43.00 o

4 0 6 1514.32 1602.56 38.46 o

5 0 6 1266.52 1281.95 36.48 o

6 0 6 8.77 24.76 11.02 o

7 0 6 583.82 577.82 27.80 o

-10 1 6 0.42 12.64 11.55 o

-9 1 6 1.59 7.05 10.66 o

-8 1 6 56.70 38.30 11.55 o

-7 1 6 127.54 136.37 13.90 o

-6 1 6 1087.67 1036.65 29.62 o

-5 1 6 8.11 20.79 9.04 o

-4 1 6 4122.32 3994.64 54.75 o

-3 1 6 1294.83 1273.45 31.25 o

-2 1 6 429.06 400.27 18.97 o

-1 1 6 7827.11 7610.32 74.41 o

0 1 6 656.97 612.87 22.77 o

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2 1 6 4.99 3.97 9.04 o

3 1 6 1640.88 1625.33 38.10 o

4 1 6 26.76 34.32 10.49 o

5 1 6 1570.53 1617.91 40.08 o

6 1 6 336.21 349.90 20.95 o

7 1 6 160.46 123.93 16.62 o

-10 2 6 82.36 100.99 13.90 o

-9 2 6 27.00 28.17 11.75 o

-8 2 6 115.93 131.87 14.10 o

-7 2 6 6.26 145.57 14.80 o

-6 2 6 42.34 59.25 9.76 o

-5 2 6 1071.96 1019.67 29.09 o

-4 2 6 207.34 259.57 14.99 o

-3 2 6 2870.13 2715.96 45.51 o

-2 2 6 4374.20 4294.49 56.00 o

-1 2 6 951.24 920.14 27.27 o

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1 2 6 50.79 56.53 11.39 o

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4 2 6 1.16 -6.49 9.40 o

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6 2 6 1287.94 1259.34 37.40 o

7 2 6 152.81 173.05 17.34 o

-9 3 6 30.30 39.39 11.75 o

-8 3 6 1139.48 1122.25 33.07 o

-7 3 6 1237.45 1130.92 31.78 o

-6 3 6 153.05 148.49 13.17 o

-5 3 6 253.83 267.35 16.09 o

-4 3 6 1203.09 1074.95 29.62 o

-3 3 6 173.39 185.33 13.54 o

-2 3 6 54.27 46.97 10.49 o

-1 3 6 6902.45 6381.69 69.18 o

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6 3 6 201.42 209.72 17.87 o

7 3 6 248.94 261.19 20.22 o

-9 4 6 2494.81 2358.85 48.42 o

-8 4 6 91.78 107.11 13.54 o

-7 4 6 292.75 325.50 18.07 o

-6 4 6 298.44 328.38 16.81 o

-5 4 6 103.27 97.54 12.11 o

-4 4 6 1313.60 1211.32 31.61 o

-3 4 6 1820.18 1640.65 36.11 o

-2 4 6 31.80 30.72 10.13 o

-1 4 6 324.31 360.72 17.15 o

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2 4 6 273.84 307.43 17.15 o

3 4 6 2.18 11.75 9.57 o

4 4 6 143.11 205.75 16.45 o

5 4 6 116.69 125.91 15.36 o

6 4 6 16.00 22.41 10.82 o

-9 5 6 334.87 341.22 20.22 o

-8 5 6 334.52 332.35 19.50 o

-7 5 6 3.13 17.34 9.76 o

-6 5 6 68.60 95.72 12.28 o

-5 5 6 15.21 11.75 9.04 o

-4 5 6 46.38 39.55 9.76 o

-3 5 6 819.36 834.34 26.74 o

-2 5 6 2562.02 2452.95 44.25 o

-1 5 6 5.29 2.52 9.20 o

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5 5 6 215.44 194.89 18.07 o

6 5 6 1782.25 1868.25 45.71 o

-8 6 6 1.18 -2.52 9.76 o

-7 6 6 16.65 60.14 11.55 o

-6 6 6 45.34 40.65 11.39 o

-5 6 6 1424.22 1318.06 33.96 o

-4 6 6 5.08 9.04 9.20 o

-3 6 6 1787.99 1674.08 37.20 o

-2 6 6 4276.01 3950.75 56.53 o

-1 6 6 709.93 704.99 25.29 o

0 6 6 2741.96 2614.61 47.13 o

1 6 6 392.88 404.45 19.69 o

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6 6 6 2461.84 2497.77 53.46 o

-8 7 6 383.40 453.73 22.57 o

-7 7 6 1150.61 1043.14 32.50 o

-6 7 6 570.12 579.48 24.39 o

-5 7 6 652.15 659.31 25.45 o

-4 7 6 169.53 154.81 14.10 o

-3 7 6 1071.96 1046.58 30.88 o

-2 7 6 8.30 15.16 9.57 o

-1 7 6 1092.22 981.90 29.62 o

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-7 8 6 373.04 423.94 21.85 o

-6 8 6 179.64 201.05 17.15 o

-5 8 6 78.61 72.98 12.11 o

-4 8 6 124.36 161.86 14.46 o

-3 8 6 162.82 174.30 14.99 o

-2 8 6 44.60 48.06 11.39 o

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-6 9 6 39.68 36.11 11.92 o

-5 9 6 406.79 438.74 21.85 o

-4 9 6 1223.68 1177.16 33.96 o

-3 9 6 3399.47 3225.70 55.28 o

-2 9 6 1699.41 1661.80 40.45 o

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-5 10 6 8.94 0.17 11.19 o

-4 10 6 649.15 624.99 26.74 o

-3 10 6 128.98 148.12 15.52 o

-2 10 6 6.84 7.94 10.49 o

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-4 11 6 254.39 312.66 18.97 o

-3 11 6 141.83 161.66 15.89 o

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-4 1 7 688.66 643.39 25.29 o

-3 1 7 1710.89 1595.14 38.46 o

-2 1 7 694.12 673.58 25.82 o

-1 1 7 45.50 51.30 11.19 o

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-8 2 7 47.37 44.78 11.92 o

-7 2 7 5038.11 4674.01 66.83 o

-6 2 7 297.79 303.82 18.60 o

-5 2 7 59.96 45.51 11.55 o

-4 2 7 2969.03 2643.91 48.42 o

-3 2 7 7.84 11.39 9.04 o

-2 2 7 173.39 170.86 14.99 o

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-8 3 7 1028.97 974.12 32.14 o

-7 3 7 81.69 74.61 13.17 o

-6 3 7 13.73 15.72 10.82 o

-5 3 7 445.94 483.55 22.41 o

-4 3 7 486.34 529.96 23.14 o

-3 3 7 14.65 27.27 10.29 o

-2 3 7 304.20 319.54 18.24 o

-1 3 7 628.99 610.16 24.76 o

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5 3 7 248.44 250.53 18.80 o

-8 4 7 216.09 210.61 17.87 o

-7 4 7 11.01 8.31 11.19 o

-6 4 7 106.09 111.28 13.17 o

-5 4 7 3026.16 2937.60 52.40 o

-4 4 7 187.19 178.11 15.36 o

-3 4 7 758.99 755.57 26.55 o

-2 4 7 1810.18 1716.72 39.75 o

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-7 5 7 22.59 41.74 12.11 o

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-6 6 7 2260.30 2096.20 45.88 o

-5 6 7 187.30 177.55 15.89 o

-4 6 7 547.57 494.01 22.94 o

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-5 7 7 126.45 154.61 14.80 o

-4 7 7 257.60 286.48 18.80 o

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-4 8 7 898.47 893.59 30.88 o

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-2 8 7 99.62 114.16 14.10 o

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-4 1 8 751.57 759.90 29.46 o

-3 1 8 562.01 583.25 26.18 o

-2 1 8 533.93 500.90 24.56 o

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-2 6 8 15.97 21.32 11.19 o

-1 6 8 675.96 627.70 27.80 o