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KG
11366
v.692

Finial Values of $\Delta T + m$ and of $R_y$ for the Reduction of Zone Observations.

From Aug 4. 1874 to Dec ~~31~~ 1878. ~~1876~~

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## Reduction of $\Delta T_m$ and $R_y$ to Zenith Groups.

Group I or zenith group extends from $+35^\circ$ to $+65^\circ$, or from $\tan\delta = +.70$ to $\tan\delta = +2.14$ and from $\sin z = +.13$ to $\sin z = -.38$

Group II extends from $+10^\circ$ to $+35^\circ$ or from $\tan\delta = +.18$ to $\tan\delta = +.70$ and from $\sin z = +.54$ to $\sin z = +.13$

Group III extends from $-10^\circ$ to $+10^\circ$ or from $\tan\delta = -.18$ to $\tan\delta = +.18$ and from $\sin z = +.79$ to $\sin z = +.54$

Group IV extends from $-65^\circ$ to $+96^\circ$ or from $\sin z = -.54$ to $\sin z = -.50$

## Order of Computation.

The values of $\Delta T_m$ and of $R_y$ are posted under the separate groups from the books containing the determination of the Instrumental constants.

The means of each group are given in red at the foot of the column. On the same line with the means are given under the columns $z-1$, $z-2$ and $z'-1$, $z'-2$, $z'-3$ the following residuals.

| For $\alpha$ | For $\delta$ |
|---|---|
| I – II | I – IV |
| I – III | I – II |
| | I – III |

From these residuals curves are constructed, (see box containing Miscellaneous Papers) from which are taken the reductions in black directly below the quantities in red.

After these reductions are applied, the results are written under columns I and the number of observations being written on the left.

Combining by weights, the final values of $\Delta T_m$ and of $R_y$ are written in black on the right.

Since only stars near the zenith were observed previous to Apr 26. 1871 the reductions for previous dates were unnecessary.

By mistake of the copyist the residuals were copied in these books.

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| | III | II | I Zenith Group | z-1 | z-2 | | III | II | I Zenith Group | IV z+3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | | | | | 1 | 2 | | | | | |
| | −.18 +.18 | +.18 +.70 | +.70 +1.01 (2.41) | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.60 | | | |
| | | Tang | | | | | | | Sun | | | | |
| 1874 | | | | | | | | | | | | | |
| Aug. 4 | + 39.25 | 0 .23 .17 | 0 .25 .28 | | | +8 | +2 6.1 | 6.1 5.8 | 6.9 5.9 | 5.3 5.8 5.6 | | | |
| | + 39.250 | .200 | 2 .265 | +.015 | +.065 | | +2 6.10 | 5.95 | 2 6.40 | 5.57 | +0.30 | +0.45 | +0.83 |
| | − 29 | − 9 | 2 191 | | | | + 12 | + 9 | 3 6.53 | + 36 | | | |
| | | | 1 221 5 1133 | | +39.227 | | | | 2 6.04 1 6.22 | 8 | 89 | +2 | 6.11 |
| Aug 5 | +39.96 | .76 .91 .93 .86 .93 | .79 .89 .84 .92 | | | | +2 5.9 | 6.5 5.8 6.1 4.7 6.5 | 6.8 5.5 6.4 6.5 5.5 | 6.0 6.7 6.3 6.6 5.9 | | | |
| | | .88 .79 | .86 | | | | | 6.1 5.6 | 5.7 | | | | |
| | +39.960 | .866 | 5 .860 | −.100 | −.006 | | +2 5.90 | 5.90 | 6 6.07 | 6.30 | +.17 | +.17 | −.23 |
| | − 29 | − 9 | 7 857 | | | | + 13 | + 9 | 5 6.66 | + 36 | | | |
| | | | 1 931 13 11230 | | +39.864 | | | | 7 5.99 1 6.03 | 10 | 368 | +2 | 6.19 |
| Aug. 6 | −19.39 .36 .32 | .37 .36 .34 .38 .29 | .33 .22 .38 .34 .32 | | | | +2 5.8 | 5.8 7.4 6.5 6.4 5.1 5.9 | 5.1 4.5 5.7 6.4 | 6.0 6.0 4.9 | | | |
| | −19.357 | .32.348 | 5 .318 | +.039 | +.030 | | | 6.40 | 4 5.42 | 5.63 | −.98 | −.14 | −.21 |
| | − 29 | − 9 | 5 357 | | | | + 14 | + 7 | 3 5.98 | + 35 | | | |
| | | | 3 386 13 633 | | −19.349 | | | | 5 5.63 3 6.52 | 15 | 1239 | +2 | 5.83 |
| Aug. 10 | −15.95 | .93 .96 .96 .93 | .94 | | | | +2 5.7 | 4.2 6.2 4.6 5.6 | 5.6 | 5.3 4.4 5.1 4.2 | | | |
| | −15.950 | .945 | 1 .940 | +.010 | +.005 | | | 5.6 | | | | | |
| | − 29 | − 9 | 4 954 | | | | +2 5.70 | 5.15 | 1 5.60 | 4.75 | −.10 | +.45 | +.85 |
| | | | 1 979 6 335 | | −15.956 | | + 15 | + 2 | 4 5.10 | + 35 | | | |
| | | | | | | | | | 4 6.17 1 5.85 | 10 | 253 | +2 | 5.25 |
| Aug. 19 | −8.33 | .32 .33 .44 .34 .33 | .39 .34 | | | | 5.1 | 5.4 5.3 5.3 4.9 4.2 | 5.2 7.1 | 5.7 6.1 5.5 4.8 | | | |
| | −8.330 | .352 | 2 .365 | −.035 | −.013 | | +2 5.10 | 5.02 | 2 6.15 | 5.53 | +.08 | +1.13 | +.62 |
| | − 28 | − 9 | 5 361 | | | | + 19 | − 6 | 4 5.86 | + 33 | | | |
| | | | 1 358 8 493 | | −8.362 | | | | 5 4.96 1 5.29 | 12 | 583 | +2 | 5.49 |
| Aug. 20 | −7.44 | .49 .50 .45 .48 | .47 .50 | | | | +2 | 6.4 5.6 6.4 5.1 | 5.1 4.4 5.8 | 5.8 4.1 4.5 4.0 3.5 | | | |
| | −7.440 | .480 | 2 .485 | −.045 | −.005 | | | | +2 5.88 | 5.10 | 4.03 | − | −.78 +1.07 |
| | − 28 | − 9 | 4 489 | | | | + 19 | − 7 | 4 4.36 | + 33 | | | |
| | | | 1 468 7 594 | | −7.485 | | | | 3 5.81 | 8 | 797 | +2 | 5.00 |
| Aug 22 | −5 | .40 .40 .46 .42 .39 .39 .41 | .37 .36 | | | | +2 | 5.3 4.6 5.4 3.8 4.8 4.7 | 4.2 5.3 | 3.7 4.0 4.0 3.3 5.7 | | | |
| | −5.410 | | 2 .365 | | +.045 | | | 4.77 | 2 4.75 | 4.14 | | −.02 | +.61 |
| | − 28 | − 9 | 7 419 9 3663 | | −5.407 | | + 20 | − 10 | 5 4.46 | + 32 | | | |
| | | | | | | | | | 6 4.67 | 13 | 782 | +2 | 4.60 |

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| | 1 | 2 | Zenith Group | Z+1 | Z−2 | | 1 | 2 | Zenith Group | 3 | Z'1 | Z'2 | Z'3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70+1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| | 1874 | | | | | | | | | | | | |
| Aug. 23 | −4'.82 | ".84 | ".96 | | | | +2' | 5.0 | 3.6 | 4.5 | | | |
| | | .93 | .96 | | | | | 4.7 | 4.1 | 4.8 | | | |
| | | .97 | | | | | | 4.1 | | 6.1 | | | |
| | | .90 | | | | | | 5.7 | | 4.9 | | | |
| | | | | | | | | 4.7 | | 5.8 | | | |
| | −4.820 | .910 | 2 .960 | −.140 | −.050 | | +2 | 4.84 | 2 3.85 | 5.22 | | −.99 | −1.37 |
| | − 28 | − 9 | 4 919 | | | | + 21 | − 10 | 5 5.54 | + 32 | | | |
| | | | 1 848 9 | 6444 | −4.921 | | | | 5 4.74 | 12 | 1110 +2 | 4.92 | |
| Aug. 24 | −4.25 | .32 | .45 | | | | +2 3.9 | 5.5 | 5.2 | 4.1 | | | |
| | | .32 | .35 | | | | | 5.0 | 3.1 | 5.9 | | | |
| | | .34 | | | | | | 6.1 | | 4.8 | | | |
| | −4.250 | .327 | 2 .400 | −.150 | −.073 | | +2 3.90 | 5.53 | 2 4.15 | 4.93 | +.25 | −.38 | −.78 |
| | − 28 | − 9 | 3 336 | | | | + 21 | − 11 | 3 5.25 | + 32 | | | |
| | | | 1 278 6 | 2086 | −4.348 | | | | 3 5.42 | | | | |
| | | | | | | | | | 1 4.11 | 9 | 842 +2 | 494 | |
| Aug 25 | −3.95 | .98 | | | | | +2 3.5 | 4.3 | | 6.1 | | | |
| | .87 | .93 | | | | | 2.8 | 4.6 | | | | | |
| | .90 | | | | | | | 4.7 | | 5.2 | | | |
| | −3.907 | .955 | | | | | +2 2.65 | 4.53 | | 5.65 | | | |
| | − 28 | − 9 | 2 .964 | | | | + 21 | − 11 | 2 5.96 | + 31 | | | |
| | | | 3 .935 | 5233 | −3.946 | | | | 3 4.42 | | | | |
| | | | | | | | | | 2 2.86 | 7 | 3090 +2 | 4.41 | |
| Aug 26 | −3.69 .67 | .72 .74 | .71 .73 | | | | +2 3.0 | 5.8 | 5.3 | 6.1 | | | |
| | | .78 .70 | .73 .71 | | | | | 5.4 | 4.8 | 4.9 | | | |
| | | .69 .75 | | | | | | 4.7 | | 3.8 | | | |
| | | .77 .75 | | | | | | 6.0 | | 5.1 | | | |
| | | .81 | | | | | | 4.9 | | 6.4 | | | |
| | −3690 | .7511 | 2 .720 | −.030 | +.034 | | +2 3.00 | 5.36 | 2 5.05 | 5.26 | +2.05 | −.31 | −.21 |
| | − 28 | − 9 | 5 763 | | | | + 22 | − 11 | 5 5.57 | + 31 | | | |
| | .670 | .7315 | 1 718 8 | 373 | −3.7417 | | | | 5 5.25 | | | | |
| | | | 2 720 | | | | | | 1 3.22 | 13 | 242 +2 | 5.19 | |
| | | | 4 744 | 7.212 | −3.730 | | | | | | | | |
| Aug 27 | −3.38 | .32 | .41 | | | +2 | +2 3.9 | 5.0 | 6.3 | 6.1 | | | |
| | | .32 | .30 | | | | | 6.8 | 6.5 | 6.5 | | | |
| | | .39 | | | | | | 6.0 | | 5.8 | | | |
| | | | | | | | | | | 7.1 | | | |
| | | | | | | | | | | 7.4 | | | |
| | −3.380 | .343 | 2 .355 | +.025 | −.012 | +.8 | +2 3.90 | 5.93 | 2 6.40 | 6.58 | +2.50 | .47 | −.18 |
| | − 27 | − 9 | 3 352 | | | | + 22 | − 12 | 5 6.89 | + 31 | | | |
| | | | 1 407 6 | 2173 | −3.362 | | | | 3 5.81 | | | | |
| | | | | | | | | | 1 ~~4.12~~ | 11 | 280 +2 | 6.25 47 | |
| Aug. 31 | −1.56 | .59 | .57 | | | +2 | +2 5.8 | 5.8 | 6.1 | 7.1 | | | |
| | .61 | .58 | | | | | 5.5 | 6.1 | 5.9 | 6.9 | | | |
| | .60 | .60 | | | | | 6.0 | 6.9 | | 5.1 | | | |
| | .60 | .62 | | | | | 4.9 | 6.2 | | 7.6 | | | |
| | .61 | | | | | | 6.5 | 7.3 | | 6.6 | | | |
| | .56 | | | | | | 5.74 | 6.46 | 2 6.00 | 6.66 | +.26 | −.46 | −.66 |
| | .58 | | | | | | | | | | | | |
| | −1.587 | .598 | 1 .570 | +.017 | +.028 | | + 22 | − 12 | 5 6.96 | + 30 | | | |
| | − 26 | − 9 | 4 607 | | | | | | 5 6.34 | | | | |
| | | | 6 613 11 | 6676 | −1.607 | | | | 5 5.96 | 17 | 630 +2 | 6.37 | |
| Sept 1 | −1.12 | .18 | .14 | | | | +2 4.8 | 5.6 | 5.6 | 5.2 | | | |
| | .18 | | .12 | | | | 4.8 | | | 5.9 | | | |
| | | | | | | | | | | 5.5 | | | |
| | | | | | | | | | | 6.7 | | | |
| | −1.150 | .180 | 3 1 .120 | +.030 | +.060 | | +2 4.80 | 5.60 | 1 5.60 | 5.83 | +.80 | +.00 | −.23 |
| | − 26 | − 9 | 1 189 | | | | + 22 | − .13 | 4 6.13 | + 30 | | | |
| | | | 2 176 | | −1.165 | | | | 1 5.47 | | | | |
| | | | | | | | | | 2 5.02 | 8 | 563 +2 | 5.70 | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | | |
| Sept. 2 | -0.58 ✓ | .69 ✓ | | | | | +2 6.8 ✓ | 6.2 ✓ | | 5.9 ✓ | | | |
| | .56 ✓ | .70 ✓ | | | | | 6.3 ✓ | 6.5 ✓ | | 5.5 ✓ | | | |
| | .57 ✓ | .61 ✓ | | | | | 4.8 ✓ | 6.0 ✓ | | 6.5 ✓ | | | |
| | .52 ✓ | | | | | | | 7.3 ✓ | | 7.0 ✓ | | | |
| | .55 ✓ | | | | | | | | | | | | |
| | -0.556 | .633 | - | | | | +2 5.07 | 6.50 | | 6.23 | | | |
| | - 25 | - 9 | 3 642<br>5 581 8 | 4831 | -0,604 | | + 23 | - 14 | 4 6.53<br>4 .36<br>3 .20 | + 30<br>N 416 | | +2 | 6.38 |
| Sept. 6 | +1.99 ✓ | .69 ✓ | .92 ✓ | | | | +2 5.0 ✓ | 5.1 ✓ | 5.0 ✓ | 3.8 ✓ | | | |
| | | | | | | | | | | 4.4 ✓ | | | |
| | | | | | | | | | | 4.4 ✓ | | | |
| | | | | | | | | | | 3.4 ✓ | | | |
| | | | | | | | | | | 4.1 ✓ | | | |
| | +1.990 | .890 | 1 .920 | - .070 | +.030 | | + 2 5.00 | 5.10 | 1 5.01 | 4.05 | +.00 | -.10 | +.95 |
| | - 23 | - 8 | 1 .882<br>1 967 3 | 2769 | +1.923 | | + 24 | - 15 | 5 4.34<br>1 4.95<br>1 5.24 | + 29<br>8 | 489 | +2 | 4.61 |
| Sept. 7 | +2.73 ✓ | .64 ✓ | | | | | +2 6.5 ✓ | 4.8 ✓ | | 6.7 ✓ | | | |
| | .63 ✓ | .67 ✓ | | | | | 5.5 ✓ | 4.0 ✓ | | 6.3 ✓ | | | |
| | .74 ✓ | .67 ✓ | | | | | 4.0 ✓ | 5.3 ✓ | | | | | |
| | .72 ✓ | | | | | | | 6.6 ✓ | | | | | |
| | +2.705 | .660 | | | | | +2 5.33 | 5.18 | | 6.05 | | | |
| | - 22 | - 8 | 3 652 | | | | + 24 | - 15 | 2 6.34 | + 29 | | | |
| | | | 4 683 7 | 4488 | +2.640 | | | | 4 5.03<br>3 5.57 | 9 | 4951 | +2 | 5.50 |
| Sept. 9 | +4.73 ✓ .70 | .66 ✓.63 | | | | | +2 6.3 ✓ | 6.0 ✓ | | 5.8 ✓ | | | |
| | .72 ✓ .73 | .65 ✓.65 | | | | | 4.3 ✓ | 5.0 ✓ | | | | | |
| | .74 ✓ .75 | .64 ✓.64 | | | | | 4.7 ✓ | 4.8 ✓ | | | | | |
| | .75 ✓ .76 | | | | | | 4.8 ✓ | 6.4 ✓ | | | | | |
| | .71 ✓ .72 | | | | | 3 633 | 5.2 ✓ | | | | | | |
| | .67 ✓ .70 | | | | | 6 707 | +2 5.06 | 5.55 | | 5.80 | | | |
| | +4 .720 | .650 | | | | 9 6141 | | | | | | | |
| | - 20 | - 7 | 3 643 | | | | + 24 | - 16 | 1 6.08<br>4 5.39 | + 28 | | | |
| | .727 | .640 | 6 700 9 | 6129 | +4,681 | | | | 5 5.30 | 10 | 5414 | +2 | 5.41 |
| | | | | | +4,682 | | | | | | | | |
| Sept. 10 | +5.64 ✓ | .50 ✓ | .55 ✓ | | | | +2 4.7 ✓ | 7.4 ✓ | 6.8 ✓ | 6.2 ✓ | | | |
| | .61 ✓ | .58 ✓ | .56 ✓ | | | | | 6.7 ✓ | 8.0 ✓ | 6.5 ✓ | | | |
| | | .56 ✓ | | | | | | 7.8 ✓ | | | | | |
| | | .52 ✓ | | | | | | 6.6 ✓ | | | | | |
| | | | | | | | | 7.8 ✓ | | | | | |
| | +5.625 | .540 | 2 .555 | - .070 | - .015 | | +2 4.70 | 7.26 | 2 7.40 | 6.35 | +2.70 | +.14 | +1.05 |
| | - 19 | - 7 | 4 533 | | | | + 24 | - 16 | 2 6.63 | + 28 | | | |
| | | | 2 606 8 | 4454 | +5,557 | | | | 5 7.10<br>1 494 | 10 | 850 | +2 | 6.85 |
| Sept. 12 | +7.09 | .42 ✓ | .25 ✓ | | | | +2 7.3 ✓ | 7.3 ✓ | 7.2 ✓ | 7.9 ✓ | | | |
| | | .32 ✓ | | | | | | 8.7 ✓ | 7.4 ✓ | 6.3 ✓ | | | |
| | | .34 ✓ | .34 ✓ | | | | | 5.8 ✓ | | 7.3 ✓ | | | |
| | +7 | .360 | 2 .295 | | - .065 | | +2 7.30 | 7.27 | 2 7.30 | 7.17 | +.00 | +.03 | +.13 |
| | - 18 | - 7 | 3 353 5 | 1649 | +7.330 | | + 25 | - 16 | 3 7.44<br>3 7.11 | + 27 | | | |
| | | | | | | | | | 1 7.55 | 9 | 280 | +2 | 7.31 |
| Sept. 13 | +7 | .83 ✓ | .89 ✓ | | | | +2 | 5.3 ✓ | | | | | |
| | | | | | | | | 5.8 ✓ | | | | | |
| | | .830 | 1 .890 | + | +.060 | | +2 | 5.55 | | | | | |
| | - 17 | - 6 | 1 824 2 | 114 | +7.857 | | + 25 | - 16 | 2 5.39 | + 27 | | +2 | 5.39 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | 1 | 2 | Zenith Group | Z-3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | |
| Sept. 14 | +8° | 0° .06 .12 | +7.99 | | | +2 5.8 | +2 ~~6.8~~ | 6.3 | 6.3 | | | |
| | | | | | | | 6.9 | | 5.11 | | | |
| | +8 | .090 | 1 7.990 | | -.100 | +2 5.80 | ~~7.80~~ | 1 6.30 | 5.85 | +.50 | -1.25 | +.45 |
| | *- 15 | - 5 | 2 8.085 3 160 | | +8.053 | + 25 | - 16 | 7 ~~5.44~~ 6.46 2 6.05 | + 26 6 | 335 | +2 | 6.56 ~~6.55~~ |
| Oct. 3 | +13.17 .16 .17 .13 | .17 | .12 .10 .22 .14 | | | +2 4.7 6.6 7.6 4.5 4.6 | 6.0 | 5.2 5.3 | 6.0 4.4 7.0 7.8 6. | | | |
| | +13.158 | .170 | 3 ~~.220~~ .171 | +.062 | *-.050 | 5.60 | 6.00 | 2 5.25 | 6.30 | *.35 | -.75 | -1.05 |
| | - 5 | + 1 | 1 .171 | | | + 25 | - 13 | 4 6.52 | + 22 | | | |
| | | | 4 153 8 | ~~4413~~ 1224 | +13.~~150~~ 153 | | | 1 5.87 5 5.85 | 12 | 1170 | +2 | 5.97 |
| Oct. 4 | +13.~~35~~ | .41 | .44 | | | +2 5.9 | 6.8 | 7.3 | 6.9 | | | |
| | .34 .36 | .31 .30 .35 | | | | | 7.5 7.9 6.5 | 6.2 | | | | |
| | +13.350 | .342 | 1 .440 | +.090 | +.098 | +2 5.90 | 7.18 | 2 6.75 | 6.90 | +.85 | -.03 | -.15 |
| | - 5 | + 1 | 3 343 | | | + 25 | - 13 | 1 7.12 | + 22 | | | |
| | | | 2. 345 6 | 2154 | +13.360 | | | 4 7.05 1 6.15 | 8 | 697 | +2 | 6.87 |
| Oct. 5 | +13.28 | .27 | .24 | | | +2 | 6.6 | 7.0 | 5.7 | | | |
| | .33 | .33 .24 .37 | | | | | 4.8 4.9 7.1 | | 5.6 5.4 | | | |
| | +13.305 | .325 ~~.320~~ | 1 .240 | -.065 | -.085 | | 5.93 | 1 7.00 | 5.57 | ~~*.80~~ | +1.07 | +1.43 |
| | - 5 | + 1 | 4 ~~3.76~~ 3.80 | | | + 15 | - 12 | 3 5.78 | + 21 | | | |
| | | | 2 308 | 2141 | +13,~~346~~ 293 | | | 4 5.81 | 8 | 758 | +2 | 5.95 |
| Oct. 6 | +13.23 | .30 | .30 | | | +2 4.9 | 4.9 | 4.5 | 5.6 | | | |
| | .25 .25 .25 .21 | .17 | .21 .19 .31 | | | 4.5 5.0 5.2 4.9 | 6.1 ~~4.3~~ | 5.1 6.0 5.3 9.3 | | | | |
| | +13.238 | .235 | 4 .253 | +.015 | +.018 | +2 4.90 | 5.50 | 4 6.04 | 5.60 | +1.14 | +.54 | +.44 |
| | - 5. | + 1 | 2 236 | | | + 25 | - 11 | 1 5.81 | + 21 | | | |
| | | | 5 233 | 1449 | +13.241 | | | 2 5.39 5 5.15 | 12 | 650 | +2 | 5.54 |
| Oct. 10 | +13.89 | .88 | .90 | | | +2 6.4 | 6.0 | 5.4 | ~~3.4~~ | | | |
| | .86 .85 .85 .90 .87 | .86 .84 | .92 | | | 4.6 6.4 6.2 6.1 | 6.0 6.0 | 5.1 | 5.0 5.0 | | | |
| | | | | | | 5.94 | 7.00 | 2 5.25 | 5.00 | -.69 | -.75 | +.25 |
| | +13.870 | .860 | 2. .910 | +.040 | +.050 | | | 2 5.20 | | | | |
| | - 5 | + 1 | 3 .861 | | | + 24 | - 10 | 3 5.90 | + 20 | | | |
| | | | 6 865 | 1 9593 | +13.872 | | | 5 6.18 | 12 | 950 | +2 | 5.79 |
| Oct. 11 | +14.112 | .46 | .44 | | | +2 8.6 | 9.2 | 9.3 | 8.2 | | | |
| | .44 | .43 .40 .36 .41 | .40 .37 | | | | 8.3 9.7 9.5 8.5 8.4 | 8.2 9.3 8.4 | 7.2 8.0 9.0 | | | |
| | +14.430 | .~~42~~ 43 | 3 .393 | *.037 | -.039 | 8.60 | 8.93 | 4 8.80 | 8.10 | +.20 | -.13 | +.70 |
| | - 6 | + 1 | 5 ~~4.83~~ 4.813 | | | + 24 | - 9 | 4 8.30 | + 20 | | | |
| | | | 2 424 | 10 4192 | +14.409 | | | 6 8.84 1 8.84 | 15 | 1028 | +2 | 8.69 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70+1.91 | | | | +.79 +.54 | +.54+.13 | +.13 −.38 | −.38 −.80 | | | |
| 1871 | | | | | | | | | | | | | |
| Oct 12 | +14.672 | .60 | .58 | | | | +2 9.2 | 10.7 | 9.8 | 9.4 | | | |
| | .60 | .63 | .62 | | | | 8.1 | 10.2 | 9.8 | 9.0 | | | |
| | .57 | .53 | .57 | | | | | 9.8 | 7.9 | 8.8 | 10.2 | | |
| | | .55 | | | | | | 7.9 | 9.7 | | | | |
| | | | | | | | | 9.0 | | | | | |
| | +14.610 | .578 | 3 .590 | −.020 | +.012 | | +2 8.65 | 9.52 | 4 9.52 | 9.53 | +.87 | +.00 | −.01 |
| | − 97 | + 1 | 4 579 | | | | + 221 | − 7 | 3 9.73 | + 20 | | | |
| | | | 3 603 | 10 | 14395 | | | | 5 9.45 | | | | |
| | | | | | 5843 | | | | 2 8.89 | 14 | 630 | +2 | 9.445 |
| | | | | | +14.~~739~~ 590 | | | | | | | | |
| Oct. 15 | +13.76 .75 | .79 .82 | .73 .76 | | | | | | | | | | |
| | | .75 .78 | .80 .79 | | | | +2 10.2 | 9.3 | 8.4 | 8.2 | | | |
| | | .74 .73 | | | | | | 9.4 | 9.3 | 9.3 | | | |
| | | .75 .73 | | | | | | 8.3 | | 8.5 | | | |
| | | .73 .71 | | | | | | 9.1 | | | | | |
| | | | | | | | | 8.3 | | | | | |
| | +13.760 | .752 | 2 .765 | +.005 | +.013 | | +2 10.20 | 8.88 | 2 8.85 | 8.70 | −1.35 | −.03 | +.15 |
| | − 12 | + 0 | 5 .752 | | | | + 23 | − 4 | 3 8.89 | + 19 | | | |
| | .750 | .764 | 1 .748 | | +13.755 | | | | 4 8.84 | | | | |
| | | | 2 .775 | | | | | | 1 10.43 | 10 | 016 | +2 | 9.02 |
| | | | 5 .764 | 8 | 588 | | | | | | | | |
| | | | 1 .738 | | +13.~~762~~4 | | | | | | | | |
| Oct. 18 | +12.82 | .75 | .80 | | | | +2 9.2 | 8.6 | 9.4 | 8.9 | | | |
| | .70 | .71 | .69 | | | | 9.4 | 10.0 | 9.7 | 10.7 | | | |
| | .80 | | .75 | | | | 9.7 | | 9.1 | | | | |
| | .75 | | .45 | | | | 8.0 | | 10.5 | | | | |
| | .76 | | .74 | | | | 9.5 | | 10.3 | | | | |
| | .79 | | | | | | 8.9 | | 10.3 | | | | |
| | .77 | | | | | | 9.1 | | | | | | |
| | +12.770 | .730 | 5 .746 | −.024 | +.016 | | +2 9.11 | 9.30 | 6 9.88 | 9.80 | +.77 | +.58 | +.08 |
| | − 250 | − 1 | 2 429 | | | | + 23 | − 2 | 2 9.98 | + 18 | | | |
| | | | 7 750 | 14 | 638 | | | | 2 9.28 | | | | |
| | | | | | +12.746 | | | | 7 9.34 | 17 | 1018 | +2 | 9.60 |
| Oct 19 | +12.08 | .05 | .09 | | | | +2 7.5 | 8.1 | 8.9 | 9.4 | | | |
| | .13 | .10 | .11 | | | | | 7.9 | | 10.3 | | | |
| | .14 | | | | | | | 7.8 | | | | | |
| | .13 | | | | | | | | | | | | |
| | +12.120 | .075 | 2 .100 | −.020 | +.025 | | +2 7.50 | 7.93 | 1 8.90 | 9.85 | +1.40 | +.97 | −.95 |
| | − 283 | − 1 | 2 .074 | | | | + 23 | − 2 | 2 10.03 | + 18 | | | |
| | | | 4 097 | | +12.092 | | | | 3 7.91 | | | | |
| | | | | | | | | | 1 7.73 | 7 | 442 | +2 | 8.63 |
| Oct. 20 | +11.45 | .48 | .49 | | | | +2 9.8 | 9.7 | 8.7 | 7.8 | | | |
| | .51 | .44 | .45 | | | | | 9.0 | 8.2 | 7.9 | | | |
| | | .49 | .47 | | | | | 9.5 | 9.4 | 8.1 | | | |
| | +11.480 | .470 | 3 .470 | −.010 | +.000 | | +2 9.80 | 9.40 | 3 8.77 | 7.93 | −1.03 | −.63 | −.84 |
| | − 27 | − 2 | 3 468 | | | | + 23 | − 1 | 3 8.11 | + 18 | | | |
| | | | 2 453 | | +11.465 | | | | 3 9.39 | | | | |
| | | | | | | | | | 1 10.03 | 10 | 8884 | +2 | 8.88 |
| Oct. 21 | +10.111 | .35 | .43 | | | | +2 | 11.2 | 9.4 | 8.8 | | | |
| | | .37 | .38 | | | | | 9.2 | 9.7 | 7.6 | | | |
| | | .38 | .33 | | | | | 8.6 | 9.9 | 8.7 | | | |
| | | .36 | .30 | | | | | 8.8 | 8.3 | | | | |
| | | .36 | .37 | | | | | 10.0 | 9.6 | | | | |
| | | .110 | | | | | | 8.9 | | | | | |
| | +10.440 | .370 | 5 .362 | −.078 | −.008 | | +2 | 9.45 | 5 9.38 | 8.37 | | −.107 | +1.01 |
| | − 29 | − 2 | 6 368 | | | | + 22 | + 00 | 3 8.55 | + 18 | | | |
| | | | 1 411 | 12 | 4429 | | | | 6 9.45 | 14 | 325 | +2 | 9.23 |
| | | | | | +10.369 | | | | | | | | |
| Oct. 22 | +9.31 .32 | .31 .35 | .32 .37 | | | | +2 8.8 | 8.8 | 10.6 | 8.7 | | | |
| | .35 .30 | .37 .39 | .33 .36 | | | 4 .360 | | 8.9 | 9.7 | 8.5 | | | |
| | | .35 .30 | .31 .33 | | | 3 332 | | | 9.8 | 9.8 | | | |
| | | | .37 .38 | | | 2 281 | | | 9.9 | | | | |
| | | | 30 | | | 9 2998 | | | 9.3 | | | | |
| | | | | | | | | | 9.5 | | | | |
| | | | | | | | | | 9.3 | 8.00 | | | |
| | +9.330 | .343 | 5 .326 | −.004 | −.017 | | +2 8.85 | 8.80 | 7 9.73 | 8.10 | +.88 | +.93 | +1.69 |
| | −.29 | −.003 | 3 340 | 10 | 252 | +9.333 | + 22 | + 00 | 8 9.58 | + 18 | | | |
| | .310 | .335 | 2 301 | | 9.325 | | | | 5.80 | | 12159 | | |
| | | | | | | | | | 2 9.2 | 13 | 1149 | +2 | 9.43 |

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| | | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith-Group | 3 | z-1 | z-2 | z-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | -.18 +.18 | +.18 +.70 | +.79 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| | 1874 | | | | | | | | | | | | | |
| | Oct. 26 | +6.54 | .48 | .54 | | | | +2 6.8 | 10.6 | 9.7 | 10.0 | | | |
| | | .53 | .49 | .50 | | | | 9.3 | 9.7 | 10.5 | 8.5 | | | |
| | | .53 | 49 | 49 | | | | 8.2 | 9.8 | 10.4 | 10.3 | | | |
| | | | .51 | | | | | | 9.1 | 9.7 | | | | |
| 01 | | +6.533 | .495 | 2 .510 | -.023 | +.015 | | +2 8.77 | 9.80 | 4 10.08 | 9.60 | +1.31 | +.28 | +.48 |
| | | - 30 | - 5 | 4 490 | | | | + 22 | + 1 | 3 9.77 | + 17 | | | |
| | | | | 3 503 9 4489 | | + 6.499 | | | | 1 9.81 | | | | |
| | | | | | | | | | | 3 8.99 | 14 | 984 | +2 | 9.70 |
| | Oct. 27 | +6.23 | .21 | .18 | | | | +2 8.2 | 9.9 | 9.2 | 7.9 | | | |
| | | .27 | .27 | .22 | | | | 10.7 | 8.1 | 8.3 | 8.9 | | | |
| | | .28 | .25 | .18 | | | | 10.2 | 9.3 | 9.5 | 8.4 | | | |
| | | .22 | .23 | .21 | | | | 10.2 | 9.8 | 10.7 | 9.9 | | | |
| 15 | | .25 | .26 | | | | | 10.2 | 10.2 | | | | | |
| | | | .25 | | | | | 9.1 | 10.6 | | | | | |
| | | +6.251 | .236 | 4 .198 | -.053 | -.038 | | +2 9.77 | 9.65 | 4 9.42 | 8.78 | ∓.35 | -.23 | +0.64 |
| | | - 31 | - 6 | 5 230 | | | | + 22 | + 1 | 4 8.95 | + 17 | | | |
| | | | | 7 220 16 3482 | | + 6.218 | | | | 6 9.66 | | | | |
| | | | | | | | | | | 6 9.99 | 20 | 1138 | +2 | 9.57 |
| | Oct 28 | +5.92 | .91 | .96 | | | | +2 10.4 | 9.1 | 10.4 | | | | |
| | | .882 | .93 | | | | | 9.3 | 11.1 | 10.1 | | | | |
| | | .91 | | .97 | | | | 11.1 | | 11.2 | | | | |
| | | +5.883 | .920 | 2 .965 | +.082 | +.045 | | +2 10.27 | 10.10 | 3 10.57 | | +.30 | +.47 | - |
| | | - 31 | - 7 | 2 913 | | | | + 22 | + 2 | 2 10.12 | + 17 | | | |
| 08 | | | | 3 852 7 6312 | | + 5902 | | | | 3 10.49 | 8 | 342 | +2 | 10.43 |
| | Nov. 2 | +4.01 | .00 | + 3.95 | | | | +2 9.4 | 8.9 | 9.4 | 10.3 | | | |
| | | 4.010 | .000 | + 3.950 | ∓.060 | -.950 | | +2 9.40 | 8.90 | 1 9.10 | 10.30 | -.30 | +.20 | -1.20 |
| | | - 34 | - 16 | 1 984 | | | | + 21 | + 5 | 1 10.45 | + 15 | | | |
| | | | | 1 976 3 210 | | + 3.970 | | | | 1 8.95 | | | | |
| | Nov. 3 | +3.15 | .46 | .01 | | | | +2 10.2 | 9.4 | 1 9.61 | 4 | 2.11 | +2 | 9.53 |
| | | | .08 | .06 | | | | | 11.0 | 10.0 | | | | |
| | | | | | | | | | 11.9 | 9.1 | | | | |
| 95 | | | | | | | | | | 11.9 | | | | |
| | | +3.150 | .080 | 2 .035 | -.115 | -.045 | | +2 10.20 | 11.00 | 11.0 | | | | |
| | | - 34 | - 17 | 1 063 | | | | + 20 | + 11 | 4 10.25 | ∓ | +.05 | -.75 | - |
| | | | | 1 116 4 249 | | + 3.062 | | | | 1 11.04 | + 15 | | | |
| | | | | | | | | | | 1 10.40 | 6 | 744 | +2 | 10.41 |
| | Nov. 4 | +1.93 | .86 | .89 | | | | +2 10.2 | 10.5 | 9.7 | 9.8 | | | |
| | | .94 | .85 | .87 | | | | 10.4 | 8.7 | 9.4 | 9.0 | | | |
| .84 | | .98 | .92 | .80 | | | | 9.0 | 8.7 | 9.2 | | | | |
| | | .97 | .86 | .96 | | | | 9.3 | 8.3 | 9.6 | | | | |
| | | | .86 | | | | | | 9.1 | | | | | |
| | | | | | | | | | 9.7 | | | | | |
| | | +1.955 | .870 | 4 .880 | -.075 | +.010 | | +2 9.68 | 9.17 | 4 9.48 | 9.40 | -.20 | +.31 | +.08 |
| | | - 35 | - 20 | 5 850 | | | | + 20 | + 5 | 2 9.55 | + 15 | | | |
| | | | | 4 920 13 11450 | | + 1.881 | | | | 6 9.22 | | | | |
| | | | | | | | | | | 4 9.88 | 16 | 786 | +2 | 9.49 |
| | Nov 5 | +0.61 | .59 | .52 | | | | +2 9.4 | 8.4 | 8.5 | 7.6 | | | |
| | | | .62 | .57 | | | | | 9.9 | 8.2 | 8.8 | | | |
| | | | .48 | .58 | | | | | | 8.2 | | | | |
| | | | | | | | | | | 9.4 | | | | |
| | | +0.610 | .563 | 3 .557 | -.053 | -.006 | | +2 9.40 | 9.15 | 4 8.58 | 8.20 | -.82 | -.57 | +.38 |
| | | - 35 | - 21 | 3 542 | | | | + 20 | + 5 | 2 8.35 | + 15 | | | |
| 1.01 | | | | 1 575 7 372 | | + 0.553 | | | | 2 9.20 | | | | |
| | | | | | | | | | | 1 9.60 | 9 | 702 | +2 | 8.78 |
| | Nov. 7 | ∓1.29 | .31 | .37 | | | | +2 10.2 | 9.8 | 10.7 | 9.2 | | | |
| | | .33 | .37 | .39 | | | | 11.2 | 11.3 | 9.4 | 11.2 | | | |
| | | .30 | .25 | .37 | | | | 9.2 | 10.4 | 10.5 | | | | |
| | | .30 | .31 | .44 | | | | 8.6 | 11.0 | 10.3 | | | | |
| | | -1.305 | .310 | 4 .392 | *-.087 | -.082 | | +2 9.80 | 10.62 | 4 10.22 | 10.20 | +.42 | -.40 | +.02 |
| | | - 36 | - 23 | 4 333 | | | | + 20 | + 5 | 2 10.34 | + 14 | | | |
| 1.69 | | | | 4 341 12 4264 | | -1.355 | | | | 4 10.67 | | | | |
| 1.43 | | | | | | | | | | 4 10.00 | 14 | 424 | +2 | 10.30 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | | |
| Nov. 8 | -0.41 | .42 | .35 | | | | +2 10.8 | 13.4 | 10.4 | 11.5 | | | |
| | .33 | .42 | .42 | | | | 12.4 | 11.1 | 11.7 | 10.6 | | | |
| | .38 | .31 | .41 | | | | 10.1 | 10.0 | 11.3 | | | | |
| | .32 | .39 | | | | | 11.5 | 11.6 | | | | | |
| | .37 | | | | | | 10.7 | 11.8 | | | | | |
| | .41 | | | | | | 12.2 | | | | | | |
| | .35 | | | | | | +2 11.28 | | | | | | |
| | -0.364 | .385 | 3 .393 | -.026 | -.008 | | +2 11.28 | 11.58 | 3 11.47 | 11.05 | +.19 | -.11 | +.42 |
| | - 386 | - 24 | 4 .409 | | | | + 19 | + 6 | 2 11.19 | + 111 | | | |
| | | | 7 403 14 5636 | | - 0.403 | | | | 5 11.64 | | | | |
| | | | | | | | | | 6 11.47 | 16 | 781 +2 | | 11.49 |
| Nov. 9 | -0.93 | .87 | .88 | | | | +2 9.5 | 10.1 | 9.8 | 9.7 | | | |
| | .85 | | | | | | 10.7 | | 10.1 | | | | |
| | -0.890 | .870 | 1 .880 | +.010 | -.010 | | +2 10.10 | 10.10 | 2 9.95 | 9.70 | -.15 | -.15 | +.25 |
| | - 386 | - 25 | 1 895 | | | | + 19 | + 6 | 1 9.84 | + 111 | | | |
| | | | 2 926 4 3627 | | - 0.907 | | | | 1 10.16 | | | | |
| | | | | | | | | | 2 10.29 | 6 | 48 +2 | | 10.08 |
| Nov. 10 | -4.81 | .82 | .85 | | | | +2 11.0 | 12.3 | 10.0 | | | | |
| | .80 | | .80 | | | | | | 9.9 | | | | |
| | -4.805 | .820 | 2 .825 | -.020 | -.005 | | +2 11.00 | 12.30 | 2 9.95 | | -1.05 | -2.35 | |
| | - 36 | - 25 | 1 845 | | | | + 19 | + 6 | 1 12.36 | + 111 | | | |
| | | | 2 841 5 177 | | -4.835 | | | | 1 11.19 | 4 | 345 +2 | | 10.86 |
| Nov. 11 | -5.15 .15 | .20 .20 | .16 .16 | | | | +2 10.4 | 9.7 | 11.0 | 11.1 | | | |
| | .05 .05 | .15 .15 | .19 .19 | | | | 10.5 | 10.2 | 11.1 | 11.2 | | | |
| | .18 .18 | .14 .14 | .16 .16 | | | 4 .155 | 11.7 | 11.5 | 11.0 | 10.8 | | | |
| | .10 .10 | .16 .16 | .12 .11 | | | 5 .184 | 11.1 | 10.5 | 10.4 | | | | |
| | | .14 .14 | | | | 4 .157 | | 9.5 | 11.2 | | | | |
| | | | | | | | | 10.8 | | | | | |
| | -5.120 | .158 | 4 .158 | -.038 | +.000 | 13 .868 | +2 10.66 | 10.53 | 5 10.94 | 11.03 | +.28 | +.41 | -.09 |
| | - 37 | - 26 | 5 184 | | | | + 19 | + 6 | 3 11.17 | + 14 | | | |
| | | | 4 157 | | -5.168 | -5.167 | | | 6 10.59 | | | | |
| | | | | | | | | | 3 10.85 | 17 | 1430 +2 | | 10.84 |
| Nov. 12 | -5.76 | | .95 | | | | +2 11.9 | 11.8 | 9.8 | 11.0 | | | |
| | .85 | | | | | | 9.5 | | | 12.7 | | | |
| | .73 | | | | | | | | | | | | |
| | -5.480 | | 1 .950 | -.157 | 850 | | +2 10.70 | 11.80 | 1 9.80 | 11.85 | -.90 | -2.00 | -2.05 |
| | - 37 | - 26 | 3 817 13 880 | | -5.168 | | + 19 | + 6 | 2 11.98 | + 13 | | | |
| | | | | | | | | | 1 11.86 | | | | |
| | | | | | | | | | 2 10.89 | 6 | 140 +2 | | 11.23 |
| Nov. 16 | -9.54 | .65 | .66 | | | | 10.6 | 10.6 | 11.6 | 9.9 | | | |
| | | .66 | .69 | | | | | | 9.8 | 11.2 | | | |
| | | | .72 | | | | | | 9.9 | | | | |
| | -9.540 | .655 | 3 .690 | -.150 | -.035 | | | | 12.1 | | | | |
| | - 37 | - 27 | 2 682 | | | | 10.60 | 10.60 | 4 10.85 | 10.55 | +.25 | +.25 | +.30 |
| | | | 1 577 6 4011 | | -9.668 | | + 18 | + 7 | 2 10.67 | + 12 | | | |
| | | | | | | | | | 1 10.67 | | | | |
| | | | | | | | | | 1 10.78 | 8 | 619 +2 | | 10.77 |
| Nov. 18 | -9.71 | .72 | .72 | | | | 9.9 | 10.7 | 9.1 | 11.6 | | | |
| | .72 | .78 | .74 | | | | 11.0 | 10.8 | 11.5 | 10.6 | | | |
| | .74 | .75 | .70 | | | | 11.8 | 11.4 | 11.6 | | | | |
| | .73 | .74 | .73 | | | | 11.3 | 11.5 | 9.9 | | | | |
| | .68 | .68 | .74 | | | | 11.0 | 10.9 | 10.9 | | | | |
| | .68 | .79 | | | | | 11.5 | 11.5 | 10.7 | | | | |
| | .74 | | | | | | 11.6 | | | | | | |
| | -9.717 | .743 | 5 .726 | -.009 | +.017 | | 11.16 | 11.13 | 6 10.62 | 11.10 | -.54 | -.57 | -.48 |
| | - 34 | - 28 | 6 771 | | | | + 17 | + 7 | 2 11.23 | + 13 | | | |
| | | | 7 754 18.934 | | -9.752 | | | | 6 11.20 | 21 | 169 +2 | | 11.08 |
| | | | | | | | | | 7 11.33 | | | | |

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| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 +.18 +.70 +.70 +1.91 | | | | | | | +.79 +.54 +.54 +.13 +.13 −.38 −.38 −.80 | | | | | | | | |
| 1874 | | | | | | | | | | | | | | | | |
| Nov. 19 | −9.41 | .65 | .59 | | | | | +2 11.2 | 11.3 | | 9.9 | 8.7 | | | | |
| | .62 | .54 | .57 | | | | | 11.0 | 9.3 | | 10.6 | | | | | |
| | | .64 | | | | | | | 10.0 | | | | | | | |
| | | .46 | | | | | | | 10.9 | | | | | | | |
| | | .53 | | | | | | | 12.5 | | | | | | | |
| | −9.515 | .5444 | 2 .580 | −.065 | −.036 | | | +2 11.10 | 10.60 | 2 | 10.10 | 8.70 | −.70 | −.20 | +1.70 | |
| | − 37 | − 28 | 5 572 | | | | | + 17 | + 7 | + | 8.83 | + 13 | | | | |
| | | | 2 552 | 9 624 | −9.569 | | | | | 5 | 10.67 | | | | | |
| | | | | | | | | | | 2 | 11.27 | 10 | 552 +2 | | 10.55 | |
| Nov. 21 | −8.82 | .92 | .95 | | | | | +2 10.6 | 11.3 | | 10.9 | 12.0 | | | | |
| | | .90 | .96 | | | | | | 10.5 | | 9.9 | 10.8 | | | | |
| | | | .85 | | | | | | | | 11.1 | | | | | |
| | −8.820 | .910 | 3 .920 | −.100 | −.010 | | | +2 10.60 | 10.90 | 3 | 10.63 | 11.40 | +.03 | −.27 | −.77 | |
| | − 36 | − 28 | 2 938 | | | | | + .17 | + 8 | 2 | 11.53 | + 13 | | | | |
| | | | 1 856 | 6 5490 | −8.915 | | | | | 2 | 10.98 | | | | | |
| | | | | | | | | | | 1 | 10.77 | 8 | 768 +2 | | 10.96 | |
| Nov. 22 | −8.56 | .65 | | | | | | +2 13.1 | 11.2 | | | 11.6 | | | | |
| | −8.560 | .650 | | − | | | | +2 13.10 | H.6 11.20 | | | 11.60 | | | | |
| | − 36 | − 28 | 1 678 | | | | | + 17 | + 8 | 3.1 | 11.72 | + 12 | | | | |
| | | | 1 596 | 2 74 | −8.637 | | | | | 2.1 | 11.28 | | | | | |
| | | | | | | | | | | 1 | 13.27 | 3 | 627 +2 | | 12.09 | |
| Nov. 24 | −8.011 | .05 | .18 | | | | | +2 12.9 | 14.4 | | 14.5 | 15.5 | | | | |
| | .16 | .08 | | | | | | 14.2 | 13.6 | | | 13.3 | | | | |
| | .11 | .14 | | | | | | 12.9 | 14.1 | | | 14.2 | | | | |
| | | | | | | | | | | | | 13.1 | | | | |
| | | | | | | | | | | | | 14.9 | | | | |
| | −8.104 | .090 | 1 .180 | −.076 | +.090 | | | +2 13.33 | 14.03 | 1 | 14.50 | 14.20 | +1.17 | +.47 | +.30 | |
| | − 35 | − 28 | 3 118 | | | | | + 17 | + 8 | 5 | 14.32 | + 12 | | | | |
| | | | 3 139 | | − 8.136 | | | | | 3 | 14.11 | | | | | |
| | | | | | | | | | | 3 | 13.50 | 12 | 930 +2 | | 14.08 | |
| Nov. 26 | −7.89 | .68 | −8.01 | | | | | +2 16.4 | 15.8 | | 17.3 | 15.1 | | | | |
| | .81 | .89 | 7.83 | | | | | 13.8 | 15.2 | | 15.6 | 15.9 | | | | |
| | | .98 | | | | | | | 13.3 | | | 12.9 | | | | |
| | | | | | | | | | | | | 14.5 | | | | |
| | −7.850 | .850 | 2 7.920 | −.070 | −.070 | | | +2 15.10 | 14.77 | 2 | 16.45 | 14.60 | +1.35 | +1.68 | +1.85 | |
| | − 35 | − 28 | 3 878 | | | | | + 16 | + 8 | 4 | 14.72 | + 12 | | | | |
| | | | 2 885 | 7 6244 | −7.892 | | | | | 3 | 14.85 | | | | | |
| | | | | | | | | | | 2 | 15.26 | 11 | 185 +2 | | 15.17 | |
| Nov. 29 | −7.94 | 7.91 | 7.96 | | | | | +2 13.8 | 15.3 | | 15.8 | 14.7 | | | | |
| | −8.03 | 7.94 | −8.02 | | | | | 14.7 | 15.3 | | 16.0 | 15.3 | | | | |
| | | −8.00 | | | | | | | 13.6 | | | | | | | |
| | −7.985 | .950 | 2 .990 | −.005 | −.040 | | | +2 14.25 | 14.73 | 2 | 15.90 | 15.02 | +1.65 | +1.17 | +.90 | |
| | − 33 | − 28 | 3 978 | | | | | + 14 | + 8 | 2 | 15.12 | + 12 | | | | |
| | | | 2 8.018 | 7 993 | −7.993 | | | | | 3 | 14.81 | | | | | |
| | | | | | | | | | | 2 | 14.89 | 9 | 925 +2 | | 15.03 | |
| Nov. 30 | −7.74 | −7.84 | .77 | | | | | +2 13.4 | 14.1 | | 14.8 | 15.8 | | | | |
| | .73 | .70 | | | | | | 14.4 | 14.2 | | | | | | | |
| | | .91 | | | | | | | 13.1 | | | | | | | |
| | −7.735 | .817 | 1 .770 | −.035 | +.047 | | | +2 13.90 | 13.80 | 1 | 14.80 | 15.80 | +.90 | +1.00 | −1.00 | |
| | − 382 | − 28 | 3 .845 | | | | | + 13 | + 9 | 1 | 15.92 | + 12 | | | | |
| | | | 2 767 | 6 4839 | .806 | | | | | 3 | 13.89 | | | | | |
| | | | | | | | | | | 2 | 14.03 | 7 | 245 +2 | | 14.35 | |
| Dec. 2 | −8.21 | .24 | .18 | | | | | +2 15.0 | 14.8 | | 13.7 | 13.8 | | | | |
| | .18 | .22 | .24 | | | | | 13.7 | 13.4 | | 14.5 | 15.4 | | | | |
| | .28 | .19 | .21 | | | | | 15.6 | 15.7 | | 13.7 | | | | | |
| | | .21 | | | | | | | 15.0 | | | | | | | |
| | | .19 | | | | | | | 13.2 | | | | | | | |
| | −8.223 | .210 | 3 .210 | +.013 | +.000 | | | +2 14.77 | 14.42 | 3 | 13.97 | 14.60 | −.87 | −.45 | −.63 | |
| | − 29 | − 26 | 5 236 | | | | | + 11 | + 9 | 2 | 14.42 | + 12 | | | | |
| | | | 3 .252 | 11 366 | .233 | | | | | 5 | 14.51 | | | | | |
| | | | | | | | | | | 3 | 14.84 | 13 | 654 +2 | | 14.50 | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 + .18 | +.18 + .70 | +.70 + 1.91 | | | | +.79 + .54 | +.54 + .13 | +.13 − .38 | −.38 − .80 | | | |
| 1874 | | | | | | | | | | | | | |
| Dec 3 | −8″ | 0 .19 ✓ .21 ✓ | 0 .24 ✓ .26 ✓ | | | | +2′ | 15.″0 ✓ 14.2 ✓ | 13.″0 ✓ 14.1 ✓ | 13.″3 ✓ 13.9 ✓ | | | |
| | −8 | .200 | 2 .250 | | −.050 | | +2 | 14.60 | 2 13.55 | 13.60 | −1.05 | −.05 | |
| | −.18 | −26 | 2 226 | 4 152 | −8.238 | | + 10 | + 10 | 2 13.72 + 12 | | | | |
| | | | | | | | | | 2 14.70 | 6 | 694 | +2 | 13.99 |
| Dec 8 | −9.03 ✓.05 | .10 ✓.11 | .07 ✓.05 | | | | +2 15.8 ✓ | 14.6 ✓ | 14.8 ✓ | 14.8 ✓ | | | |
| | .03 ✓.04 | .05 ✓.06 | | | | | 13.2 ✓ | 15.3 ✓ | | 14.6 ✓ | | | |
| | .02 ✓.00 | .04 ✓.05 | | | | 1 .050 | | 15.1 ✓ | | 15.1 ✓ | | | |
| | | .08 ✓.06 | | | | 4 .093 | | 16.3 ✓ | | | | | |
| | | | | | | 3 .054 | | 14.4 ✓ | | | | | |
| | −9.027 | .068 | 1 .070 | −.043 | −.002 | 8 .584 | +2 14.50 | 15.14 | 1 14.80 | 14.83 | +.30 | −.34 | −.03 |
| | − 24 | − 23 | 4 .091 | | | | + 7 | + 10 | 3 14.95 + 12 | | | | |
| | .030 | .070 | 3 .051 | 8 .587 | −9.073 | −9.073 | | | 5 15.24 | | | | |
| | | | | | | | | | 2 14.57 | 11 | 1099 | +2 | 15.00 |
| Dec 9 | −9.33 ✓ | .28 ✓ | .24 ✓ | | | | +2 14.9 ✓ | 15.1 ✓ | 13.0 ✓ | 13.6 ✓ | | | |
| | | .32 ✓ | .27 ✓ | | | | | 15.3 ✓ | 15.9 ✓ | 12.8 ✓ | | | |
| | | .24 ✓ | | | | | | 14.7 ✓ | | 13.4 ✓ | | | |
| | | .31 ✓ | | | | | | 16.3 ✓ | | 14.3 ✓ | | | |
| | | .27 ✓ | | | | | | 14.6 ✓ | | | | | |
| | −9.330 | .284 | 2 .255 | +.075 | +.029 | | +2 14.90 | 15.20 | 2 14.45 | 13.53 | −.45 | −.75 | +.92 |
| | − 24 | − 22 | 5 .306 | | | | + 5 | + 10 | 4 13.65 + 12 | | | | |
| | | | 1 .354 | 8 2394 | −9.299 | | | | 5 15.30 | | | | |
| | | | | | | | | | 1 14.95 | 12 | 695 | +2 | 14.58 |
| Dec 10 | −9.64 ✓.64 | .60 ✓.60 | .73 ✓.73 | | | | +2 15.4 ✓ | 14.8 ✓ | 16.3 ✓ | 15.4 ✓ | | | |
| | .55 ✓ | .59 ✓.59 | | | | | | 16.8 ✓ | | 15.9 ✓ | | | |
| | | .73 ✓.71 | | | | | | 14.9 ✓ | | | | | |
| | −9.595 | .640 | 1 .730 | −.135 | −.090 | | +2 15.40 | 15.50 | 1 16.30 | 15.65 | +.90 | +.80 | +.65 |
| | − 23 | − 18 | 3 .658 | | | | + 5 | + 10 | 2 15.77 + 12 | | | | |
| | | | 2 .618 | 6 3940 | −9.657 | | | | 3 15.60 | | | | |
| | .640 | .633 | 1 .730 | | | | | | 1 15.45 | 7 | 509 | +2 | 15.~~67~~ 73 |
| | | | 3 .651 | | | | | | | | | | |
| | | | 1 .663 | 5 346 | −9.669 | | | | | | | | |
| Dec 12 | −10.28 .30 | .28 ✓.29 | .28 ✓.28 | | | | +2 15.2 ✓ | 14.8 ✓ | 16.0 ✓ | 14.4 ✓ | | | |
| | .30 | .36 ✓.33 | .40 ✓ | | | | 14.2 ✓ | 13.9 ✓ | 13.6 ✓ | 16.4 ✓ | | | |
| | | .37 ✓.36 | | | | | | 16.7 ✓ | 15.0 ✓ | | | | |
| | | .33 ✓.37 | | | | | | 14.3 ✓ | | | | | |
| | −10.300 | .335 | 2 .340 | −.040 | −.005 | | +2 14.70 | 14.90 | 3 14.87 | 15.40 | +.17 | +.03 | −.47 |
| | − 22 | − 5 | 4 .340 | | | | + 2 | + 11 | 2 15.52 + 12 | | | | |
| | .300 | .338 | 1 .322 | 7 262 | −10.337 | | | | 4 15.01 | | | | |
| | | | 1 .280 | | | | | | 2 14.72 | 11 | 13 | +2 | 15.01 |
| | | | 4 .343 | | | | | | ~~11.~~ | | | | |
| | | | 1 .322 | 6 1974 | −10.329 | | | | | | | | |
| Dec 14 | −10.48 ✓ | .53 ✓ | .38 ✓ | | | | +2 14.6 ✓ | ~~14.5~~ | 14.5 ✓ | 14.8 ✓ | | | |
| | | .52 ✓ | .51 ✓ | | | | | 15.0 ✓ | | 16.6 ✓ | | | |
| | | .49 ✓ | .' | | | | | 14.4 ✓ | | | | | |
| | | 13 | | | | | | 15.0 ✓ | | | | | |
| | −10.480 | .5~~47~~ | 2 .445 | +.035 | +.102 | | +2 14.60 | 14.80 | 1 14.50 | 15.70 | −.10 | −.30 | −1.20 |
| | − 21 | + 11 | 3 5~~46~~ | | | | + 1 | + 11 | 2 15.82 + 12 | | | | |
| | | | 1 501 | 6 3029 | −10.~~505~~ 488 | | | | 3 14.91 | | | | |
| | | | | | | | | | 1 14.61 | 7 | 48 | +2 | 15.07 |
| Dec 15 | −10.71 ✓ | .76 ✓ | .71 ✓ | | | | +2 16.1 ✓ | 15.4 ✓ | 16.1 ✓ | 17.5 ✓ | | | |
| | .62 ✓ | .73 ✓ | .70 ✓ | | | | 17.9 ✓ | 19.0 ✓ | 17.6 ✓ | | | | |
| | .68 ✓ | .80 ✓ | | | | | 17.4 ✓ | 18.3 ✓ | 15.7 ✓ | | | | |
| | .87 ✓ | .70 ✓ | | | | | | 18.1 ✓ | | | | | |
| | −10.720 | .748 | 2 .705 | +.015 | +.043 | | +2 17.13 | 18.45 | 3 17.13 | 17.50 | +.00 | −1.32 | −.37 |
| | − 19 | + 14 | 4 .744 | | | | + 1 | + 11 | 1 17.62 + 12 | | | | |
| | | | 4 739 | 10 342 | −10.734 | | | | 4 18.56 | | | | |
| | | | | | | | | | 3 17.14 | 11 | 767 | +2 | 17.70 |
| Dec 16 | −11.50 ✓.50 | .47 ✓.47 | .41 ✓.41 | | | | +2 16.0 ✓ | 14.5 ✓ | 14.0 ✓ | 13.3 ✓ | | | |
| | | .45 ✓.45 | .43 ✓.43 | | | | | 15.7 ✓ | 14.4 ✓ | 14.4 ✓ | | | |
| | | .50 ✓.50 | | | | | | 15.8 ✓ | 16.9 ✓ | | | | |
| | | .50 ✓.50 | | | | | | 15.0 ✓ | | | | | |
| | −11.500 | .480 | 2 .420 | +.080 | +.060 | | +2 16.00 | 15.25 | 3 15.10 | 13.85 | −.90 | −.15 | +1.25 |
| | − 18 | + 4 | 4 443 | | | | + 0 | + 11 | 2 13.97 + 12 | | | | |
| | | | 1 518 | 7 3250 | −11.464 | | | | 4 15.36 | | | | |
| | | | | | −11.464 | | | | 1 16.00 | 10 | 988 | +2 | 14.99 |

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1874

Dec 21

Dec 23

Dec 27

1875

Jan 6

Jan 9

Jan 10

Jan 11

Jan 12

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +18 | +18 +.70 | +.70 +1.91 | | | | +.79 +.52 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | | |
| 1875 | | | | | | | | | | | | | | 187 |
| Jan 14 | −28.86 | .815 | .93 | | | | −16 5.0 | 7.1 | 8.2 | 5.0 | | | | Jan |
| | .98 | .84 | .85 | | | | 7.1 | 6.2 | 6.2 | 6.1 | | | | |
| | .84 | .89 | .85 | | | | 5.4 | 7.8 | 7.2 | | | | | |
| | .82 | .86 | .97 | | | | 7.2 | 6.8 | 6.5 | 5.55 | | | | |
| | | | .84 | | | | | | | | | | | |
| | | | .92 | | | | | | | | | | | |
| | −28.875 | .858 | 6 .893 | −.018 | −.035 | | −16 6.18 | 6.98 | 4 7.05 | 5.55 | *.87 | *.07 | *1.50 | |
| | + 5 | + 5 | 4 853 | | | | − 21 | + 8 | 2 5.37 | + 18 | | | | |
| | | | 4 870 | 14 1050 | −28.879 | | | | 4 6.90 | | | | | |
| | | | | | | | | | 4 6.39 | 14 | 810 | −16 | 6.58 | |
| Jan 16 | −30.77 | .79 | .86 | | | | −16 3.7 | .65 | 4.6 | 6.8 | | | | Jan |
| | .76 | .80 | .81 | | | | | 5.2 | 4.2 | | | | | |
| | | .79 | .81 | | | | | 4.5 | 7.4 | | | | | |
| | | .80 | .74 | | | | | | | | | | | |
| | | | .88 | | | | | | | | | | | |
| | −30.765 | .795 | 5 .826 | −.061 | −.031 | | −16 3.70 | 5.40 | 3 5.40 | 6.80 | *1.70 | + .00 | + 1.40 | |
| | + 5 | + 5 | 4 790 | | | | − 21 | + 6 | 1 6.64 | + 16 | | | | |
| | | | 2 760 | 11 8810 | −30.801 | | | | 3 5.34 | | | | | |
| | | | | | | | | | 1 3.91 | 8 | 277 | −16 | 5.35 | |
| Jan 17 | −31 | .65 | | | | | −16 | 7.0 | | | | | | Jan |
| | | .66 | | | | | | 8.2 | | | | | | |
| | | .66 | | | | | | | | | | | | |
| | −31 | .657 | | | | | −16 | 7.60 | | | | | | |
| | + 5 | + 5 | 3 652 | | −31.652 | | − 21 | + 5 | 7.65 | + 14 | | −16 | y. ~~.65~~ .55 | |
| Jan 18 | −32.81 | .81 | .76 | | | | −16 6.6 | 6.9 | 6.5 | 6.0 | | | | Jan |
| | | .77 | .84 | | | | | 5.8 | 4.2 | | | | | |
| | | | | | | | | | 5.3 | | | | | |
| | −32.810 | .790 | 2 .800 | +.010 | −.010 | | −16 6.60 | 6.35 | 3 5.33 | 6.00 | +1.27 | +1.02 | + .67 | |
| | + 5 | + 5 | 2 785 | | | | − 21 | + 11 | 1 5.87 | + 13 | | | | |
| | | | 1 805 | 5 3975 | −32.795 | | | | 2 6.31 | | | | | |
| | | | | | | | | | 1 6.81 | 7 | 629 | −16 | 5.90 | |
| Jan 19 | −33.87 | .81 | .79 | | | | −16 8.9 | 8.4 | 8.8 | | | | | Jan |
| | | .71 | .79 | | | | | 8.0 | 7.5 | | | | | |
| | | | .81 | | | | | | 7.4 | | | | | |
| | | | | | | | | | 7.5 | | | | | |
| | | | | | | | | | 6.3 | | | | | |
| | −33.870 | .760 | 3 .797 | +.073 | −.037 | | −16 8.90 | 8.20 | 5 7.56 | | +1.34 | + .64 | | |
| | + 5 | + 5 | 2 755 | | | | − 22 | + 1 | 2 8.20 | + 11 | | | | |
| | | | 1 865 | 6 4766 | −33.794 | | | | 1 9.12 | 8 | 730 | −16 | 7.91 | |
| Jan 20 | −35.09 .07 | .03 | .10 .08 | | | | −16 | 8.4 | 8.8 | 7.2 | | | | Jan |
| | | | .18 .16 | | | | | | 8.6 | | | | | |
| | | | .14 .12 | | | | | | 9.6 | | | | | |
| | | | .21 .20 | | | | | | 8.7 | | | | | |
| | −35.090 | .030 | 4 .158 | −.068 | −.128 | | −16 | 8.40 | 4 8.93 | 7.20 | | *.53 | *1.73 | |
| | + .5 | + 5 | 41 025 | | | | − 22 | + 2 | 1 7.17 | + 3 | | | | |
| | .070 | | 1 085 | 6 742 | −35.124 | | | | 1 8.42 | 6 | 331 | −16 | 8.55 | |
| | | | 4 .140 | | | | | | | | | | | |
| | | | 1 085 | 5 645 | −35.139 | | | | | | | | | |
| Jan 25 | −41.24 | .19 | .17 | | | | −16 11.1 | 9.6 | 11.5 | 12.10 | | | | Jan |
| | .20 | | .26 | | | | 8.8 | | 8.4 | | | | | |
| | .15 | | .21 | | | | 10.0 | | 10.5 | | | | | |
| | .18 | | .25 | | | | 10.0 | | 9.8 | | | | | |
| | .19 | | | | | | 9.5 | | | | | | | |
| | −41.192 | .190 | 4 .223 | −.031 | −.033 | | −16 9.88 | 9.60 | 43 10.05 | +.03 | *.17 | *.45 | | |
| | + 6 | + 5 | 1 185 | | | | − 22 | − 8 | 1 9.68 | + 0 | | | | |
| | | | 5 186 | 16 2007 | −41.201 | | | | 5 10.10 | 10 | 38 | −16 | 10.01 | |
| | | | | | | | | | 1 12.07 | | | | .40 | |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | |
| 1875 | | | | | | | | | | | | |
| Jan 26 | -42.19 | .20 | .08 | | | -16′ | 9.5″ | 9.6″ | 10.6″ | 11.7″ | | |
| | .22 | .17 | .13 | | | | 11.3 | 10.4 | 10.0 | 10.9 | | |
| | .21 | .12 | .18 | | | | 12.0 | 9.8 | 10.7 | 11.4 | | |
| | .28 | | .21 | | | | 11.8 | | | 11.5 | | |
| | .22 | | | | | | 10.2 | | | | | |
| | -42.224 | .163 | 4 .150 | +.074 | +.013 | | 10.96 | 9.93 | 3 10.43 | 11.38 | +.53 *-.50 | +.95 |
| | + 6 | + 5 | 3 158 | | | - | 22 | - 9 | 3 11.39 | - 1 | | |
| | | | 5 218 12 2164 | | -42.180 | | | | 3 10.02 | | | |
| | | | | | | | | | 5 11.18 | 14 | 1142 -16 | 10.82 |
| Jan 27 | -43.23 | .21 | .17 | | | -16 | 9.8 | 10.2 | 10.9 | 9.9 | | |
| | .21 | .12 | .22 | | | | 10.1 | 9.4 | 10.8 | 10.2 | | |
| | .24 | .23 | .23 | | | | 10.1 | 9.4 | 9.6 | 10.4 | | |
| | .23 | .20 | .21 | | | | 8.3 | 10.7 | 11.1 | | | |
| | .19 | .19 | .19 | | | | 9.7 | 10.5 | | | | |
| | .23 | .19 | | | | | 6 | | | | | |
| | -43.222 | .190 | 5 .204 | +.018 | -.014 | -16 | 9.60 | 10.04 | 4 10.60 | 10.17 | *1.00 *-.56 | *-.43 |
| | + 67 | + 5 | 6 185 | | | - | 22 | - 10 | 3 10.19 | - 2 | | |
| | | | 6 215 17 3420 | | -43.201 | | | | 5 10.14 | | | |
| | | | | | | | | | 5 9.82 | 17 | 277 -16 | 10.16 |
| Jan 30 | -46.50 49 | .45 .45 | .41 .41 | | | -16 | 9.7 | 9.2 | 11.6 | 10.6 | | |
| | .54 .54 | .39 .39 | .38 .38 | | | | 9.2 | 10.6 | 11.4 | 10.8 | | |
| | .52 .52 | .35 .35 | .33 .33 | | | | 9.5 | 10.4 | 10.8 | 10.6 | | |
| | .49 .49 | | .38 .42 | | | | 9.9 | | 10.9 | 11.8 | | |
| | .39 .39 | | .42 .38 | | | | | | 10.5 | | | |
| | -46.488 | .397 | 5 .384 | +.104 | +.013 | -16 | 9.58 | 10.07 | 5 11.04 | 10.95 | *1.46 *.97 | *.09 |
| | + 7 | + 5 | 5 392 | | | - | 22 | 11 | 4 10.97 | - 2 | | |
| | | | 5 481 13 5501 | | -46.423 | | | | 3 10.18 | | | |
| | | | | | -46.423 | | | | 4 9.80 | 16 | 882 -16 | 10.55 |
| Feb. 1 | -48.69 .67 | .69 .67 | .56 .53 | | | -16 | 12.1 | 12.3 | 11.8 | -91 | | |
| | .60 .61 | .61 .61 | .62 .63 | | | | 11.4 | 11.5 | 11.8 | -79 | | |
| | .60 .61 | | .60 .61 | | | | 12.2 | | 12.1 | | | |
| | .67 .68 | | | | | | 13.4 | | | | | |
| | .83 | | | | | | 11.4 | | | | | |
| | -48.678 | .650 | 3 .593 | +.085 | +.057 | -16 | 12.10 | 11.90 | 3 11.90 | 8.30 | +.20 +.00 | |
| | + 8 | + 6 | 2 644 | | | | 21 | - 12 | 2 12.02 | - 3 | | |
| | .642 | .640 | 5 640 10 6417 | | -48.642 | | | | 5 11.38 | 10 | 129 -16 | 12.13 11.26 |
| | | | 3 .590 | | | | | | 4 2 8.50 | | | |
| | | | 2 4 6.34 .34 | 9 174 | -48.619 | | | | | | | |
| Feb 2 | -49.77 | .79 | .72 | | | -16 | 11.7 | 11.3 | 11.0 | 9.9 | | |
| | .77 | .79 | .77 | | | | 11.0 | 11.8 | 11.1 | 10.9 | | |
| | .73 | .96 | .79 | | | | 10.2 | 12.0 | 11.4 | | | |
| | .78 | .74 | .99 | | | | 9.9 | 10.2 | 10.7 | | | |
| | .78 | .79 | | | | | 10.5 | 10.9 | 10.9 | | | |
| | .75 | | | | | | | 11.1 | 11.2 | | | |
| | -49.763 | .814 | 4 .818 | -.055 | -.004 | -16 | 10.66 | 11.22 | 6 11.05 | 10.40 | *.39 +.17 | -.65 |
| | + 8 | + 6 | 5 808 | | | - | 21 | - 12 | 2 10.43 | 3 | | |
| | | | 6 755 15 11842 | | -49.789 | | | | 6 11.34 | | | |
| | | | | | | | | | 5 10.87 | 19 | 55 -16 | [illegible] |
| Feb 4 | +8.27 | .34 | .26 | | | -16 | 10.6 | 11.1 | | | | |
| | .30 | .27 | .32 | | | | 12.2 | 10.2 | 12.2 | 10.8 | | |
| | .32 | | .25 | | | | 12.1 | | 12.3 | | | |
| | .29 | | | | | | | | 11.8 | | | |
| | +8.295 | .305 | 3 .277 | -.018 | -.028 | -16 | 11.63 | 10.65 | 3 12.10 | 10.80 | *.47 *1.45 | -1.30 |
| | + 8 | + 6 | 2 311 | | | | 21 | - 13 | 1 10.83 | 3 | | |
| | | | 4 303 9 2665 | | +8.2[illegible]6 | | | | 2 10.78 | | | |
| | | | | | | | | | 3 10.84 | 9 | 521 -16 | 11.58 |
| Feb. 8 | +3.76 | .81 | .84 | | | | 10.7 | 9.2 | 10.9 | 10.3 | | |
| | .81 | | .82 | | | | 7.8 | | 9.7 | | | |
| | | | .82 | | | | | | 8.0 | | | |
| | | | | | | | | | 8.3 | | | |
| | +3.785 | .810 | 3 .827 | +.042 | +.017 | | 9.25 | 9.20 | 4 9.23 | 10.30 | +.05 -.03 | +1.07 |
| | + 9 | + 7 | 1 .817 | | | - | 19 | - 14 | 1 10.32 | - 2 | | |
| | | | 2 .794 6 4886 | | +3.814 | | | | 1 9.34 | | | |
| | | | | | | | | | 2 9.44 | 8 | 346 -16 | 9.43 |

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| | 1 | 2 | Zenith Group | z−1 | z−2 | | 1 | 2 | Zenith Group | x×3x | x'z'−1 | z'−2 | z'−3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 8/75 | | | | | | | | | | | | | |
| Feb 9 | +2.33 | .40 | .37 | | | | −16 9.5 | 10.1 | 8.4 | 8.2 | | | |
| | .38 | .31 | .30 | | | | 9.1 | 9.1 | 9.6 | 8.3 | | | |
| | .27 | .23 | .38 | | | | 9.5 | 9.7 | 8.6 | | | | |
| | .35 | | | | | | | | | | | | |
| | +2.333 | .313 | 3 .350 | +.017 | +.037 | | −16 9.37 | 9.63 | 3 8.87 | 8.25 | +.50 | +.76 | −.62 |
| | + 9 | + 7 | 3 320 | | | | − 19 | − 14 | 2 8.27 | − 2 | | | |
| | | | 4 342 12 378 | | +2.338 | | | | 3 9.77 | | | | |
| | | | | | | | | | 3 9.56 | 11 | 214 | −16 | 9.19 |
| Feb 10 | +0.98 | | .96 | | | | −16 .61 | | 8.6 | | | | |
| | .99 | | .90 | | | | | | 10.7 | | | | |
| | | | 1.00 | | | | | | | | | | |
| | +0.985 | | 3 0.953 | −.032 | | | −16.610 | | 2 9.65 | | | | |
| | + 9 | + 7 | 2 994 7 347 | | +0.969 | | − 19 | − 14 | 1 6.29 | − 2 | | | |
| | | | | | | | | | | 3 | 159 | −16 | 8.53 |
| Feb 13 | −3.03 | .03 | −2.98 | | | | −16 8.1 | 9.3 | 9.2 | 9.7 | | | |
| | −2.99 | .06 | −2.95 | | | | (7.5) | 8.5 | (7.6) | 10.7 | | | |
| | −3.03 | .07 | −2.96 | | | | 8.4 | 9.4 | 9.1 | | | | |
| | −2.98 | | −3.00 | | | | 10.0 | | 8.2 | | | | |
| | −3.07 | | | | | | 9.7 | | 83 | | | | |
| | −3.026 | .053 | 4 2.973 | +.053 | +.080 | | 8.744 | 9.07 | x3 8.88 | 10.20 | +.21 | +.54 | +1.67 |
| | + 9 | + 7 | 3 .016 | | | | − 16 | − 15 | 2 10.21 | − 1 | | | |
| | | | 5 017 12 115 | | −3.010 | | 9.05 | | 3 9.21 | | | | |
| | | | | | | | | | 4 9.90 | 14 | 67 | −16 | 9.44 |
| | | | | | | | | | 4 9.21 | | | | .25 |
| Feb 14 | −4.05 | −3.94 | −3.91 | | | | −16 10.3 | 9.6 | 9.6 | 9.4 | | | |
| | .00 | −4.01 | −4.05 | | | | 10.5 | 8.6 | 9.2 | 8.2 | | | |
| | .03 | 4.03 | | | | | 10.0 | 10.3 | | 9.8 | | | |
| | .03 | | | | | | | | | | | | |
| | .11 | | | | | | | | | | | | |
| | −4.0445 | 3.993 | 2 3.980 1 | +.064 | +.013 | | −16 10.27 | 9.50 | 2 9.40 | 9.13 | +.87 | +.10 | −.27 |
| | + 10 | + 7 | 3 3.986 3 | | | | − 15 | − 15 | 3 9.13 | + 00 | | | |
| | | | 5 4.034 10 5088 | | −4.009 | | | | 3 9.65 | | | | |
| | | | | | | | | | 3 10.42 | 11 | 740 | −16 | 9.67 |
| Feb 15 | −.5 | .25 | | | | | −16 | 8.6 | | 7.6 | | | |
| | | .111 | | | | | | 8.3 | | 8.3 | | | |
| | −.5 | .339 | | | | | −16 | 8.45 | 2 7.93 | 7.95 | | | |
| | + 10 | + 7 | | | | | − 14 | − 15 | 2 8.30 | + 2 | | −16 | 8.20 |
| | | | 2 .323 | | −5.323 | | | | | | | | |
| Feb 16 | −6.55 | .56 | .60 | | | | −16 11.0 | 8.6 | 9.0 | 9.1 | | | |
| | | .49 | .55 | | | | | 8.9 | 9.1 | 8.7 | | | |
| | | .57 | .57 | | | | | 8.4 | 8.2 | 11.3 | | | |
| | | | | | | | | | | 8.1 | | | |
| | −6.550 | .540 | 3 .573 | −.023 | −.033 | | −16 11.00 | 8.63 | 3 8.77 | 9.30 | +2.23 | −.14 | −.53 |
| | + 10 | + 7 | 3 533 | | | | − 13 | − 15 | 4 9.21 | + 9 | | | |
| | | | 1 540 7 358 | | −6.551 | | | | 3 8.78 | | | | |
| | | | | | | | | | 1 11.13 | 11 | 162 | −16 | 9.15 |
| Feb 17 | −.7 | .60 | | | | | −16 | 9.4 | | 11.83 | | | |
| | | .55 | | | | | | 9.3 | | 10.9 | | | |
| | | | | | | | | | | 9.6 | | | |
| | −.7 | .575 | 2 568 | | | | −16 | 9.35 | | 10.7760 | | | |
| | + 10 | + 7 | | | −7.568 | | − 11 | − 15 | 3 10.48 | + 12 | | | |
| | | | | | | | | | 2 9.50 | | | −16 | 10.09 |
| Feb 18 | −8.73 | .81 | .80 | | | | −16 8.4 | 8.4 | 8.7 | 8.7 | | | |
| | .72 | .67 | .73 | | | | 6.7 | 7.7 | 8.3 | 8.3 | | | |
| | | .82 | .85 | | | | | 8.0 | 9.4 | | | | |
| | | .73 | .81 | | | | | 8.4 | 8.9 | | | | |
| | | | .71 | | | | | | 7.8 | | | | |
| | | | | | | | | | 8.0 | | | | |
| | −8.725 | .758 | 5 .780 | −.055 | −.022 | | −16 7.55 | 8.13 | 6 8.52 | 8.50 | *.97 | −.39 | −.02 |
| | + 10 | + 8 | 4 750 | | | | − 10 | − 15 | 2 8.36 | + 14 | | | |
| | | | 2 715 11 630 | | −8.757 | | | | 4 8.28 | | | | |
| | | | | | | | | | 2 7.65 | 14 | 426 | −16 | 8.30 |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +1.38 | +1.3 -.38 | -.38 -.80 | | |
| 1875<br>Feb. 22 | -13 .26 ✓<br>-13.260<br>+ 10 | .20 ✓<br>.27 ✓<br>.25 ✓<br>.26 ✓<br>.245<br>+ 8 | 4 .237<br>1 .250 | 5 198 | -13.240 | | -16 9.1 ✓<br>-16 9.10<br>- 5 | 8.9 ✓<br>8.1 ✓<br>8.6 ✓<br>9.3 ✓<br>8.73<br>- 16 | 3 9.16<br>4 8.87<br>1 9.15<br>8 | 72 11<br>9.1 ✓<br>9.6 ✓<br>9.3 ✓<br>9.33<br>+ 17 | -16 | 9.01 |
| Feb. 24 | -15.39 ✓<br>.37 ✓<br>.44 ✓<br>.45 ✓<br>.42 ✓<br>~~.35~~<br>-15.414<br>+ 11 | .50 ✓<br>.46 ✓<br>.45 ✓<br>.44 ✓<br>.40 ✓<br>.41 ✓<br>.38 ✓<br>.434<br>+ 9 | .39 ✓<br>.40 ✓<br>.48 ✓<br>.52 ✓<br>4 .448<br>7 .425<br>5 .403 | -.034 | -.014<br>-15.424 | | -16 7.0 ✓<br>7.2 ✓<br>7.7 ✓<br>8.2 ✓<br>7.0 ✓<br>-16 7.42<br>- 3 | 7.8 ✓<br>7.7 ✓<br>7.4 ✓<br>7.2 ✓<br>7.7 ✓<br>9.1 ✓<br>7.8 ✓<br>7.81<br>- 16 | 9.5 ✓<br>8.1 ✓<br>8.1 ✓<br>7.4 ✓<br>4 8.28<br>4 8.40<br>7 7.97<br>5 7.45 | 18 7.7 ✓<br>15 9.6 ✓<br>25 7.4 ✓<br>20 9.6 ✓<br>8.58<br>+ 18<br>20 | -.86<br>1976 | -.47 +.30<br>-16 7.99 |
| Feb. 28 | -19 .09<br>-19<br>+ 11<br>.090 | .31 ✓ .33<br>.28 ✓ .30<br>.22 ✓ .27<br>.34 ✓ .21<br>.288<br>+ 9<br>.278 | .35 ✓ .34<br>.27 ✓ .26<br>.45 ✓ .23<br>.25 ✓<br>4 .330<br>4 .279<br>3 .277<br>4 .269<br>1 .079 | 8 2436<br>8 1986 | -.042<br>-19.304<br>-19.248 | | -16 6.4 ✓<br>-16 6.40<br>- 1 | 7.4 ✓<br>8.1 ✓<br>7.1 ✓<br>6.0 ✓<br>7.15<br>- 17 | 8.8 ✓<br>6.7 ✓<br>6.8 ✓<br>6.9 ✓<br>4 7.30<br>1 7.31<br>4 7.32<br>1 6.41 | ~~23~~<br>7.5 ✓<br>7.50<br>+ 19<br>10 | -.90<br>220 | -.15 +.20<br>-16 7.22 |
| Mch. 4 | -23<br>+ 11 | -23.79 ✓<br>-24.10 ✓<br>-23.945<br>+ 10 | 2 935 | | -23.935 | | -16<br>-16<br>+ 10 | 8.2 ✓<br>8.4 ✓<br>8.30<br>- 20 | 2 7.52<br>2 8.50 | 4 8.76 ✓<br>2 4 7.8 ✓<br>7.70<br>+ 19 | -16 | 8.01 |
| Mch. 8 | -28.76 ✓<br>.78 ✓<br>.79 ✓<br>-28.777<br>+ 11 | .71 ✓<br>.78 ✓<br>.70 ✓<br>.77 ✓<br>.80 ✓<br>.80 ✓<br>.760<br>+ 11 | .79 ✓<br>.84 ✓<br>.72 ✓<br>3 .783<br>6 .749<br>3 .766 | -.006<br>12 941 | -.023<br>-28.762 | | -16 9.3 ✓<br>9.1 ✓<br>8.8 ✓<br>-16 9.07<br>+ 11 | 8.2 ✓<br>8.3 ✓<br>8.4 ✓<br>7.7 ✓<br>8.2 ✓<br>7.3 ✓<br>8.02<br>- 21 | 8.2 ✓<br>9.5 ✓<br>7.9 ✓<br>3 8.53<br>4 8.35<br>6 8.23<br>3 8.96 | 8.9 ✓<br>8.7 ✓<br>7.8 ✓<br>8.7 ✓<br>8.53<br>+ 18<br>16 | +.54<br>725 | -.51 +.00<br>-16 8.45 |
| Mch. 11 | -31.81 ✓ .80<br>.81 ✓ .79<br>-31.810<br>+ 11<br>.795 | .84 ✓ .85<br>.89 ✓ .88<br>.87 ✓ .86<br>.90 ✓ .88<br>.875<br>+ 11<br>.868 | .78 ✓ .66<br>.87 ✓ .76<br>.85<br>2 .825<br>4 .864<br>2 .799<br>3 .757<br>4 .857<br>2 .784 | -.015<br>8 6704<br>9 7367 | +.050<br>-31.838<br>-31.821 | | -16 8.7 ✓<br>7.8 ✓<br>-16 8.25<br>+ 12 | 7.1 ✓<br>7.9 ✓<br>7.5 ✓<br>8.5 ✓<br>7.75<br>- 22 | 7.6 ✓<br>7.7 ✓<br>7.9 ✓<br>7.9 ✓<br>4 7.78<br>3 8.49<br>4 7.97<br>2 8.13 | 7.6 ✓<br>10.4 ✓<br>7.8 ✓<br>8.60<br>+ 11<br>13 | +.47<br>73 | -.03 +.82<br>-16 8.06 |
| Mch. 17 | -37.48 ✓ .52<br>-37.480<br>+ 10<br>.520 | .46 ✓<br>.34 ✓ .38<br>.35<br>.400<br>+ 12<br>.365 | .31 ✓<br>.36<br>1 .310<br>2 .388<br>1 .470<br>1 .360<br>2 .353<br>1 .520 | +.170<br>4 1556<br>4 1586 | +.090<br>-37.389<br>-37.397 | | -16 8.3 ✓<br>-16 8.30<br>+ 13 | 6.8 ✓<br>6.9 ✓<br>8.3 ✓<br>6.67<br>- 24 | 7.4 ✓<br>1 7.40<br>7 6.78<br>3 6.94<br>1 8.17 | 5.2 ✓<br>6.2 ✓<br>6.3 ✓<br>6.7 ✓<br>7.1 ✓<br>7.0 ✓<br>6.7 ✓<br>6.46<br>- 32<br>12 | +.90<br>1185 | -.73 -.94<br>-16 6.99 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | x 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | +.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1875 | | | | | | | | | | | | | |
| Mch 18 | −38.38 ✓ | .36 ✓ | .37 ✓ | | | | −16 8.6 ✓ | 7.4 ✓ | 6.9 ✓ | 6.5 ✓ | | | |
| | | .40 ✓ | | | | | | 7.8 ✓ | | 7.4 ✓ | | | |
| | | .42 ✓ | | | | | | 8.3 ✓ | | 6.4 ✓ | | | |
| | | | | | | | | | | 7.0 ✓ | | | |
| | | | | | | | | | | 6.6 ✓ | | | |
| | −38.380 | .393 | 1 .370 | +.010 | +.023 | | −16 8.60 | 7.83 | 1 6.90 | 6.78 | +1.70 | +.93 | −.12 |
| | + 10 | + 12 | 3 .381 | | | | + 13 | − 27 | 5 7.12 | − 34 | | | |
| | | | 1 .370 | 5 .383 | −38.377 | | | | 3 8.10 | | | | |
| | | | | | | | | | 1 8.47 | 10 | 527 | −16 | 7.53 |
| Mch 22 | −43.47 ✓ .47 | .47 ✓ .44 | .36 ✓ .32 | | | | −16 7.1 ✓ | 5.7 ✓ | 6.9 ✓ | 6.6 ✓ | | | |
| | .42 ✓ .45 | .43 ✓ .43 | .48 ✓ .44 | | | | 6.2 ✓ | 6.1 ✓ | 5.3 ✓ | 6.6 ✓ | | | |
| | | .43 ✓ .43 | .59 ✓ .58 | | | | | 6.1 ✓ | 6.9 ✓ | 7.1 ✓ | | | |
| | | .46 ✓ .46 | .34 ✓ .37 | | | | | 7.7 ✓ | 6.2 ✓ | 6.6 ✓ | | | |
| | | .42 ✓ .45 | .39 ✓ .42 | | | | | 7.3 ✓ | | 6.6 ✓ | | | |
| | | | | | | 5 .426 | | | | 7.9 ✓ | | | |
| | −43.4445 | .442 | 5 .432 | +.013 | +.010 | 5 .429 | −16 6.65 | 6.58 | 4 6.32 | 6.90 | +.33 | +.26 | +.58 |
| | + 9 | + 13 | 5 .429 | | | 2 .451 | + 13 | − 28 | 6 7.26 | − 36 | | | |
| | .460 | .442 | 2 .436 12 .377 | | −43.431 | 12 .377 | | | 5 6.86 | | | | |
| | | | | | −43.431 | | | | 2 6.52 | 17 | 1418 | −16 | 6.83 |
| Mch 23 | −44.90 ✓ .92 | .87 ✓ .90 | −K .90 ✓ .94 | | | | −16 7.6 ✓ | 7.3 ✓ | 8.4 ✓ | | | | |
| | .87 ✓ .83 | .92 ✓ .95 | .93 ✓ .84 | | | | 6.6 ✓ | 6.8 ✓ | 6.5 ✓ | | | | |
| | .92 ✓ | .91 ✓ .93 | | | | | 6.5 ✓ | 8.3 ✓ | | | | | |
| | | .92 ✓ .94 | | | | | | 6.8 ✓ | | | | | |
| | | .89 ✓ .85 | | | | 2 .890 | | 6.5 ✓ | | | | | |
| | | .85 ✓ | | | | 5 .909 | | | | | | | |
| | | | | | | 2 .866 | | | | | | | |
| | −44.897 | .893 | 2 .915 | −.018 | −.022 | 9 .857 | −16 6.90 | 7.14 | 2 7.45 | | −.55 | −.31 | |
| | + 9 | + 13 | 6 .880 | | | | + 13 | − 29 | 5 7.43 | − 37 | | | |
| | .875 | .922 | 3 .888 N .9774 | | −44.889 | −44.895 | | | 3 6.77 | 10 | 236 | −16 | 7.24 |
| Mch 31 | +16.10 ✓ | .47 ✓ | .10 ✓ | | | | −16 9.3 ✓ | 8.1 ✓ | 8.4 ✓ | 8.4 ✓ | | | |
| | | .52 ✓ | | | | | | 7.8 ✓ | | | | | |
| | +16.100 | .045 | 1 .100 | +.000 | +.055 | | −16 9.30 | 7.95 | 8 8.40 | 8.40 | +.90 | −.45 | +.57 |
| | + 00 | + 13 | 2 .038 | | | | + 11 | − 30 | 1 8.81 | − 41 | | | |
| | | | 1 .100 1.316 | | +16.079 | | | | 2 8.25 | | | | |
| | | | | | | | | | 1 9.49 | 5 | 312 | −16 | 8.60 |
| Mch 25 | −47.49 ✓ | .47 ✓ | .44 ✓ | | | | −16 6.4 ✓ | 8.4 ✓ | 8.3 ✓ | 8.2 ✓ | | | |
| | .55 ✓ | .50 ✓ | .45 ✓ | | | | 7.2 ✓ | 8.3 ✓ | 8.3 ✓ | 7.3 ✓ | | | |
| | | .53 ✓ | | | | | | 7.6 ✓ | | 7.6 ✓ | | | |
| | −47.520 | .500 | 2 .445 | +.075 | +.055 | | −16 6.80 | 8.10 | 2 8.30 | 7.70 | −1.50 | ∓.20 | ∓.60 |
| | + 8 | + 13 | 3 .487 | | | | + 13 | − 30 | 3 8.10 | − 40 | | | |
| | | | 2 .512 | | −47.485 | | | | 3 8.40 | | | | |
| | | | | | | | | | 2 6.67 | 10 | 794 | −16 | 7.94 |
| Mch 27 | −50.02 ✓ | .01 ✓ | | | | | −16 8.0 ✓ | 7.7 ✓ | | 7.2 ✓ | | | |
| | .05 ✓ | .06 ✓ | | | | | 8.4 ✓ | 7.0 ✓ | | 7.8 ✓ | | | |
| | | .06 ✓ | | | | | | 7.4 ✓ | | | | | |
| | | .06 ✓ | | | | | | 7.8 ✓ | | | | | |
| | −50.035 | .048 | | | | | −16 8.20 | 7.48 | 2 7.91 | 7.50 | | | |
| | + 7 | + 13 | 4 .035 | | | | + 12 | − 31 | 4 7.99 | − 41 | | | |
| | | | 2 .028 6 .196 | | −50.033 | | | | 2 8.08 | | | −16 | 7.89 |
| Mch 28 | −51.19 ✓ | .12 ✓ | .15 ✓ | | | | −16 8.4 ✓ | 7.0 ✓ | 8.6 ✓ | 7.7 ✓ | | | |
| | .10 ✓ | .16 ✓ | | | | | 8.6 ✓ | 7.1 ✓ | | | | | |
| | | .20 ✓ | | | | | | 6.9 ✓ | | | | | |
| | | .06 ✓ | | | | | | 8.4 ✓ | | | | | |
| | −51.145 | .135 | 1 .150 | ∓.005 | −.015 | | −16 8.50 | 7.35 | 1 8.60 | 7.70 | −.10 | −1.25 | −.90 |
| | + 6 | + 13 | 4 .122 | | | | + 11 | − 31 | 1 8.11 | − 41 | | | |
| | | | 2 .139 | | −51.131 | | | | 4 7.66 | | | | |
| | | | | | | | | | 2 8.39 | 8 | 13 | −16 | 8.02 |

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| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | | | | | |
| | 1875 | | | | | | | | | | | | | | | | | | |
| | Mch 29 | -52.29 | .29 | .31 | | | | | -16 9.0 | 8.2 | 8.8 | 7.7 | | | | | | | |
| | | .29 | .31 | | | | | | 8.8 | 7.8 | 8.1 | 7.11 | | | | | | | |
| | | .29 | .27 | | | | | | 8.0 | 8.3 | | | | | | | | | |
| | | | .28 | | | | | | | 6.6 | | | | | | | | | |
| | | | .32 | | | | | | | 8.7 | | | | | | | | | |
| | | | .29 | | | | | | | 8.0 | | | | | | | | | |
| | | | .31 | | | | | | | 8.1 | | | | | | | | | |
| | | -52.290 | .296 | 1 .310 | -.020 | -.014 | | | -16 8.60 | 7.96 | 2 8.45 | 7.55 | +.15 | - .49 | -.90 | | | | |
| | | + 6 | + 13 | 7 283 | | | | | + 11 | - 31 | 2 7.97 | 11.2 | | | | | | | |
| | | | | 3 284 11 | 3113 | -62.286 | | | | | 7 8.27 | | | | | | | | |
| | | | | | | | | | | | 3 8.49 | 14 | 420 | - 16 | 8.30 | | | | |
| | Mch 30 | -53.62 | .66 | .57 | | | | | -16 7.2 | 7.4 | 8.1 | 7.0 | | | | | | | |
| | | .66 | .63 | | | | | | 9.8 | 8.3 | | 6.5 | | | | | | | |
| | | .58 | | | | | | | 8.1 | | | 7.3 | | | | | | | |
| | | -53.620 | .645 | 1 .570 | +.050 | +.075 | | | -16 8.37 | 7.85 | 1 8.10 | 6.93 | +.27 | - .25 | +1.17 | | | | |
| | | + 5 | + 13 | 2 632 | | | | | + 10 | - 31 | 3 7.35 | 11.2 | | | | | | | |
| | | | | 3 615 6 | 3679 | -53.613 | | | | | 2 8.16 | | | | | | | | |
| | | | | | | | | | | | 3 8.27 | 9 | 2123 228 447 | - 16 | 7.92 | | | | |
| | Apr 5 | +3.40 | .10 | .43 | | | | | -16 8.8 | 6.6 | 8.2 | 8.2 | | | | | | | |
| | | .48 | .39 | .48 | | | | | 7.9 | 8.2 | 8.5 | | | | | | | | |
| | | | .38 | | | | | | | 8.6 | | | | | | | | | |
| | | | .39 | | | | | | | 7.6 | | | | | | | | | |
| | | | | | | | | | | 8.6 | | | | | | | | | |
| | | +3.440 | .390 | 2 .455 | +.015 | +.065 | | | -16 8.35 | 7.92 | 2 8.35 | 8.20 | +.00 | - .43 | -.15 | | | | |
| | | + 5 | + 12 | 4 402 | | | | | + 5 | - 32 | 1 8.63 | 43 | | | | | | | |
| | | | | 2 435 8 | 188 | +3.423 | | | | | 5 8.24 | | | | | | | | |
| | | | | | | | | | | | 2 8.30 | 10 | 313 | - 16 | 8.31 | | | | |
| | Apr 5 | +2.92 | | .90 | | | | | -16 8.0 | | 9.0 | 8.5 | | | | | | | |
| | | | | .85 | | | | | | | 8.3 | | | | | | | | |
| | | | | .92 | | | | | | | 7.7 | | | | | | | | |
| | | +2.920 | | 3 .890 | -.030 | | | | -16 8.00 | | 3 8.33 | 8.50 | -.33 | | +.17 | | | | |
| | | - 5 | + 12 | 1 915 4 | 3585 | +2.896 | | | + 5 | - 32 | 1 8.93 | 43 | | | | | | | |
| | | | | | | | | | | | 1 7.95 | 5 | 187 | - 16 | 8.37 | | | | |
| | Apr 7 | +1.48 | .44 | .48 | | | | | -16 8.3 | 7.3 | 9.0 | 6.7 | | | | | | | |
| | | .60 | .51 | .50 | | | | | 7.0 | 8.6 | 7.7 | 7.1 | | | | | | | |
| | | | .51 | | | | | | | 7.6 | 8.0 | 7.9 | | | | | | | |
| | | | .47 | | | | | | | 7.7 | | | | | | | | | |
| | | | .47 | | | | | | | | | | | | | | | | |
| | | +1.840 | .480 | 2 .490 | -.050 | +.010 | | | -16 7.65 | 7.80 | 3 8.23 | 7.23 | -.58 | - .43 | -.00 | | | | |
| | | - 7 | + 12 | 5 492 | | | | | + 3 | - 32 | 3 7.67 | 44 | | | | | | | |
| | | | | 2 533 9 | 4506 | + 1.501 | | | | | 4 8.12 | | | | | | | | |
| | | | | | | | | | | | 2 7.62 | 12 | 1142 | - 16 | 7.97 | | | | |
| | Apr 10 | +0.79 .79 | .67 .70 | .70 .71 | | | | | -16 7.7 | 6.5 | 8.8 | 8.0 | | | | | | | |
| | | .75 .75 | .41 .74 | .73 .79 | | | | | 6.8 | 6.6 | 8.4 | 8.4 | | | | | | | |
| | | .78 .75 | .76 .77 | .71 .68 | | | | | 8.0 | 6.5 | 7.7 | 8.1 | | | | | | | |
| | | | .78 .79 | .72 .68 | | | | | 8.1 | 7.9 | 7.8 | | | | | | | | |
| | | | | | | | | | | 8.0 | | | | | | | | | |
| | | +0.773 | .730 | 11 .715 | -.058 | -.015 | | | 7.25 | 7.10 8.4 | 4 8.18 | 8.17 | -.93 | - .48 | - .01 | | | | |
| | | - 10 | + 11 | 4 741 | | | | | + 0 | - 32 | 3 8.61 | 44 | | | | | | | |
| | | .763 | .750 | 3 763 11 | 413 | +0.738 | | | | | 5 7.92 | | | | | | | | |
| | | | | 4 .702 | | | | | | | 2 7.25 | 14 | 115 | - 16 | 7.37 | | | | |
| | | | | 4 .761 | 11 411 | +0.737 | | | | | | | | | | | | | |
| | | | | 3 .753 | | | | | | | | | | | | | | | |
| | Apr 11 | +0.65 | .60 | .53 | | | | | -16 8.4 | 8.0 | 6.7 | 5.5 | | | | | | | |
| | | | .50 | .45 | | | | | | 6.8 | | 6.6 | | | | | | | |
| | | | | | | | | | | | | 7.5 | | | | | | | |
| | | 0.650 | .550 | 2 .490 | -.160 | -.060 | | | -16 8.40 | 7.40 | 1 6.70 | 6.53 | +1.70 | + .70 | - .17 | | | | |
| | | - 11 | + 11 | 2 561 | | | | | - 1 | - 32 | 3 6.97 | 44 | | | | | | | |
| | | | | 1 639 5 | 2741 | + 0.548 | | | | | 2 7.72 | | | | | | | | |
| | | | | | | | | | | | 1 6.41 | 7 | 246 | - 16 | 7.35 | | | | |

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| | 1 | 2 | Zenith Group | | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | 7.70+1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1875 | | | | | | | | | | | | |
| Apr. 14 | +0.37 ✓ | .27 ✓ | .30 ✓ | | | -16 6.7 ✓ | 6.8 ✓ | 8.1 ✓ | 7.2 ✓ | | | |
| | .31 ✓ | .32 ✓ | .34 ✓ | | | 8.0 ✓ | 7.7 ✓ | 7.0 ✓ | 6.9 ✓ | | | |
| | | .33 ✓ | .34 ✓ | | | | 7.6 ✓ | 7.2 ✓ | 7.7 ✓ | | | |
| | | .26 ✓ | | | | | 7.3 ✓ | | 7.0 ✓ | | | |
| | +0.340 | .295 | 3 .327 | -.013 | +.032 | -16 7.35 | 7.35 | 3 7.43 | 7.20 | -.08 | -.08 | -.23 |
| | - .15 | + 10 | 4 .305 | | | - 6 | - 32 | 4 7.65 | - 45 | | | |
| | | | 2 325 9 151 | | +0.317 | | | 4 7.67 | | | | |
| | | | | | | | | 2 7.41 | 13 | 739 | -16 | 7.57 |
| Apr. 15 | +0.08 ✓ | .06 ✓ | .03 ✓ | | | -16 7.0 ✓ | 6.9 ✓ | 8.2 ✓ | 7.0 ✓ | | | |
| | | .08 ✓ | .09 ✓ | | | | 7.5 ✓ | 9.4 ✓ | 7.0 ✓ | | | |
| | | | .06 ✓ | | | | | 7.1 ✓ | | | | |
| | | | .05 ✓ | | | | | 8.4 ✓ | | | | |
| | +0.080 | .070 | 4 .058 | -.022 | -.012 | -16 7.00 | 7.20 | 4 8.28 | 7.00 | -1.28 | -1.08 | -1.28 |
| | - 17 | + 8 | 2 078 | | | - 8 | - 32 | 2 7.45 | - 45 | | | |
| | | | 1 063 7 451 | | + 0.065 | | | 2 7.52 | | | | |
| | | | | | | | | 1 7.08 | 9 | 714 | -16 | 7.79 |
| Apr. 19 | -0 | .30 ✓ | .20 ✓ | | | -16 | 7.3 ✓ | 7.9 ✓ | | | | |
| | | .20 ✓ | | | | | 7.8 ✓ | | | | | |
| | -0 | .250 | 1 200 | | +.150 | -16 | 7.55 | 1 7.90 | | | -.35 | |
| | - 21 | + 6 | 2 244 3 588 | | -0.196 | - 13 | - 32 | 2 7.87 | - 45 | | | |
| | | | | | .229 | | | | 3 | 264 | -16 | 7.88 |
| Apr. 20 | -0.34 ✓ | .28 ✓ | .32 ✓ | | | -16 5.6 ✓ | 8.1 ✓ | 7.6 ✓ | 7.3 ✓ | | | |
| | | .35 ✓ | | | | | 7.4 ✓ | | | | | |
| | | .26 ✓ | | | | | 7.5 ✓ | | | | | |
| | -0.340 | .297 | 1 .320 | +.020 | -.023 | -16 5.60 | 7.67 | 4 1 7.60 | 7.30 | -2.00 | +.07 | -.30 |
| | - 22 | + 5 | 3 .292 | | | - 15 | - 32 | 1 7.75 | - 45 | | | |
| | | | 1 362.5 1558 | | -0.312 | | | 3 7.97 | | | | |
| | | | | | | | | 1 5.75 | 6 | 301 | -16 | 7.50 |
| Apr. 21 | -0.64 ✓ | .61 ✓ | .57 ✓ | | | | 6.5 ✓ | 8.4 ✓ | 7.3 ✓ | | | |
| | | .72 ✓ | | | | -16 7.8 ✓ | 7.2 ✓ | 6.7 ✓ | 6.2 ✓ | | | |
| | | .58 ✓ | | | | | 7.0 ✓ | | 7.5 ✓ | | | |
| | | .60 ✓ | | | | | 7.1 ✓ | | | | | |
| | | .69 ✓ | | | | | 8.0 ✓ | | | | | |
| | | .57 ✓ | | | | | 8.0 ✓ | | | | | |
| | -0.640 | .628 | 1 .570 | +.070 | +.058 | -16 7.80 | 7.30 | 2 7.55 | 7.00 | +.25 | -.25 | -.55 |
| | - 23 | + 5 | 6 623 | | | - 17 | - 32 | 3 7.45 | - 45 | | | |
| | | | 1 663 8 4971 | | -0.621 | | | 6 7.62 | | | | |
| | | | | | | | | 1 7.97 | 12 | 711 | -16 | 7.59 |
| Apr. 22 | -0.84 ✓ | .86 ✓ | .82 ✓ | | | -16 7.8 ✓ | 7.9 ✓ | 9.7 ✓ | 9.0 ✓ | | | |
| | | .85 ✓ | | | | | 7.3 ✓ | 7.5 ✓ | 7.6 ✓ | | | |
| | | .84 ✓ | | | | | 7.9 ✓ | | 7.2 ✓ | | | |
| | | .87 ✓ | | | | | 7.6 ✓ | | | | | |
| | | .93 ✓ | | | | | 8.2 ✓ | | | | | |
| | | .83 ✓ | | | | | | | | | | |
| | -0.840 | .863 | 1 .820 | +.020 | +.043 | -16 7.80 | 7.78 | 3 8.60 | 7.93 | -.80 | -.82 | -.67 |
| | - 24 | + 4 | 6 859 | | | - 18 | - 32 | 2 8.38 | - 45 | | | |
| | | | 1 864 8 438 | | -0.855 | | | 5 8.10 | | | | |
| | | | | | | | | 1 7.98 | 11 | 304 | -16 | 8.28 |
| Apr. 24 | -0.96 ✓ | .99 ✓ | | | | -16 6.3 ✓ | 6.2 ✓ | | 5.0 ✓ | | | |
| | .95 ✓ | .89 ✓ | | | | 8.1 ✓ | 7.3 ✓ | | | | | |
| | .95 ✓ | .96 ✓ | | | | 9.7 ✓ | 6.8 ✓ | | | | | |
| | | .95 ✓ | | | | | 7.4 ✓ | | | | | |
| | -0.963 | -.948 | | | | -16 8.03 | 6.92 | 1 -5.45 | 5.50 | | | |
| | - 24 | + 4 | 4 .944 | | | - 19 | - 32 | 4 7.24 | - 45 | | | |
| | | | 3 .987 7 437 | | -0.962 | | | 3 8.22 | | | | |
| | | | | | | | | | + 8707 | -16 | 7.38 | |
| Apr. 25 | -0.86 ✓ | .91 ✓ | .93 ✓ | | | -16 7.3 ✓ | 7.9 ✓ | 7.1 ✓ | 6.6 ✓ | | | |
| | .90 ✓ | .91 ✓ | | | | 8.2 ✓ | 5.6 ✓ | 7.4 ✓ | | | | |
| | | .81 ✓ | | | | | 7.8 ✓ | | | | | |
| | | .91 ✓ | | | | | 7.1 ✓ | | | | | |
| | | .84 ✓ | | | | | 8.2 ✓ | | | | | |
| | -0.880 | .876 | 1 .930 | -.050 | -.054 | -16 7.75 | 7.32 | 2 7.25 | 6.60 | +.50 | +.07 | -.65 |
| | - 25 | + 4 | 5 872 | | | - 20 | - 32 | 1 7.05 | - 45 | | | |
| | | | 2 905 8 7100 | | -0.887 | | | 5 7.64 | | | | |
| | | | | | | | | 2 7.95 | 10 | 565 | -16 | 7.56 |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -18 + 18 | +18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | |
| 1875<br>Apr 26 | -x<br><br><br>- 25 | -0.98<br>-0.98<br>-0.980<br>+ 3 | -1.01<br><br>1 -1.010<br>2 977 | <br><br><br>3 2964 | <br><br>-.030<br>-0.988 | | -16'<br><br>-16<br>- 21 | 7.2"<br>7.3<br>7.25<br>- 32 | 9.3"<br><br>1 9.30<br>2 7.80<br>2 7.57 | 6.6"<br>8.1<br>7.35<br>- 45<br>5 | <br><br>-2.05<br><br>04 -16 | <br><br>-1.95<br><br>8.01 |
| Apr 27 | - 1.05<br>-0 0.99<br><br><br>- 1.020<br>- 25 | .03<br>.09<br>.00<br>.07<br>-1.048<br>+ 3 | .04<br>.01<br>.05<br><br>3 -1.033<br>4 045<br>2 045 | <br><br><br><br>-.013<br><br>9 369 | <br><br><br><br>+.015<br><br>-0.041 | | -16 8.5<br><br><br><br>-16 8.50<br>- 24 | 8.8<br>6.7<br>8.0<br>8.2<br>7.92<br>- 32 | 7.0<br>9.3<br>7.6<br><br>3 7.97<br>3 7.55<br>4 8.24<br>1 8.74 | 6.8<br>7.4<br>7.1<br><br>7.10<br>- 45<br><br>11 | <br><br><br><br>+.53 -.05<br><br><br>26 -16 | <br><br><br><br>-.87<br><br><br>8.02 |
| May 3 | -0 .76<br>.80<br>.74<br>-0 .767<br>- 2/8 | .83<br>.76<br>.78<br>.790<br>+ 1 | .88<br>.71<br><br>2 .795<br>3 .789<br>3 795 | <br><br><br>-.028<br><br>8 742 | <br><br><br>-.005<br><br>-0.793 | | -16 7.7<br>6.4<br>8.7<br>-16 7.60<br>- 31 | 6.7<br>7.3<br>8.8<br>7.60<br>- 32 | 8.3<br>8.7<br><br>2 8.50<br>2 8.45<br>3 7.92<br>3 7.91 | 8.3<br>7.7<br><br>8.00<br>- 45<br><br>10 | <br><br><br>-.90 -.90<br><br><br>139 -16 | <br><br><br>-.50<br><br><br>8.14 |
| May 4 | -0<br><br><br>-0<br>- 28 | .71<br>.75<br>.70<br>.720<br>+ 1 | <br><br><br><br>3 719 | | <br><br><br><br>-0.719 | | -16<br><br><br>-16<br>- 32 | 8.4<br>7.5<br>8.6<br>- 8.17<br>- 32 | <br><br><br>1 ~~7~~ 815<br>3 8.44 | 7.7<br><br><br>- 7.70<br>- 45 | <br><br><br><br>- 16 | <br><br><br><br>8.40 |
| May 5 | -0 .61<br>.60<br>.67<br>.61<br>-0 .623<br>- 29 | .66<br>.62<br>.61<br><br>.630<br>+ 1 | .67<br><br><br><br>1 .670<br>3 629<br>4 652 | <br><br><br><br>-.047<br><br>8 365 | <br><br><br><br>-.040<br><br>- 0.646 | | -16 7.7<br>7.2<br>6.8<br>5.8<br>-16 6.88<br>- 33 | 7.7<br>7.2<br>~~7.1~~<br><br>7.45<br>- 31 | 7.7<br>6.8<br><br><br>2 7.25<br>1 7.44<br>2 7.76<br>4 7.21 | 6.9<br>7.1<br><br><br>7.00<br>- 44<br><br>9 | <br><br><br><br>-.37 +.20<br><br><br>330 -16 | <br><br><br><br>-.25<br><br><br>7.37 |
| May 12 | -1 .51<br>.48<br>-1 .495<br>- 31 | <br><br><br>+ 00 | .42<br>.48<br>2 .450<br>2 526 | <br><br>+.045 | <br><br><br>-1.488 | | -16 5.0<br>5.5<br>-16 5.25<br>- 35 | <br><br><br>- 30 | 6.9<br>6.6<br>2 6.75<br>2 6.24<br>2 5.60 | 5.8<br>5.8<br>5.80<br>- 44<br>6 | <br><br>-1.50<br><br>118 -16 | <br><br>-.95<br><br>6.20 |
| May 13 | -1.56<br>.55<br>.69<br>-1.600<br>- 31 | .62<br>.58<br><br>.600<br>+ 00 | .65<br><br><br>1 .650<br>2 600<br>3 631 | <br><br><br>-.050<br><br>6 143 | <br><br><br>-.050<br><br>-1.624 | | -16 5.2<br>5.0<br>5.2<br>-16 5.13<br>- 35 | 6.0<br>5.3<br><br>5.65<br>- 30 | 6.6<br><br><br>1 6.60<br>1 5.64<br>2 5.95<br>3 5.48 | 4.9<br>5.5<br><br>5.20<br>- 44<br><br>7 | <br><br><br>-1.47 -.95<br><br><br>~~3~~58 -16<br>5 | <br><br><br>-1.40<br><br><br>5.~~57~~<br>79 |
| May 17 | -1.98<br>.93<br>.96<br>.93<br>-1.950<br>- 34 | .87<br>.92<br>.98<br>.92<br>.923<br>+- 1 | .91<br>.97<br>.93<br><br>3 .937<br>4 924<br>4 984 | <br><br><br><br>+.013<br><br>11 543 | <br><br><br><br>-.014<br><br>-1.949 | | -16 6.0<br>6.1<br>8.7<br>5.6<br>6.60<br>- 37 | 7.6<br>7.9<br>6.4<br>6.1<br>7.00<br>- 29 | 6.5<br>6.5<br>7.8<br>5.4<br>4 ~~5.4~~ 6.55<br>4 5.93<br>4 7.29<br>4 6.97 | 5.5<br><br><br><br>5.50<br>- 43<br><br>13 | <br><br><br><br>+.05 + .45<br><br><br>1117 -16 | <br><br><br><br>-1.05<br><br><br>6.86 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1875 | | | | | | | | | | | | | |
| May 22 | -2.42 ✓ | .48 ✓ | .45 ✓ | | | | -16 5.3 ✓ | 3.8 ✓ | 6.5 ✓ | 7.80 | | | |
| | .56 ✓ | .54 ✓ | .54 ✓ | | | | 5.6 ✓ | 4.8 ✓ | 5.2 ✓ | | | | |
| | .42 ✓ | | | | | | [2.57] | | | | | | |
| | -2.467 | .510 | 2 .495 | -.028 | +.015 | | -16 ~~4.60~~ | 4.30 | 2 5.85 | 5 | -1.25 | -1.85 | |
| | - 36 | - 1 | 2 .511 | | | | - 37 | - 26 | 2 4.56 | - 42 | | | |
| | | | 3 .503 ✓ .521 | | -2.603 | | ~~.545~~ | | ~~8 4.94~~ 1 8.22 | ✓ | 73 | -16 | 5.~~48~~ 80 |
| May 23 | -2.83 ✓ | .83 ✓ | .77 ✓ | | | | -16 4.5 ✓ | 5.3 ✓ | 4.4 ✓ | 4.2 ✓ | | | |
| | .75 ✓ | .90 ✓ | .87 ✓ | | | | 4.9 ✓ | 4.6 ✓ | 4.8 ✓ | 4.8 ✓ | | | |
| | | | | | | | | | | 5.8 ✓ | | | |
| | -2.790 | .865 | 2 .820 | -.030 | +.045 | | -16 4.70 | 4.95 | 2 4.60 | 4.90 | +.20 | +.35 | +.30 |
| | - 36 | - 1 | 2 866 | | | | - 37 | - 25 | 3 5.32 | - 42 | | | |
| | | | 2 826 | | -2.837 | | | | 2 5.20 | | | | |
| | | | | | | | | | 2 5.07 | 9 | 70 | -16 | 5.08 |
| May 26 | -3.20 ✓ | .26 ✓ | .27 ✓ | | | | -16 1.7 ✓ | 4.0 ✓ | 3.3 ✓ | 2.5 ✓ | | | |
| | .26 ✓ | .28 ✓ | | | | | 2.8 ✓ | 3.5 ✓ | | 5.1 ✓ | | | |
| | .20 ✓ | | | | | | 3.9 ✓ | | | | | | |
| | -3.220 | .270 | 1 .270 | -.050 | +.000 | | -16 2.80 | 3.75 | 1 3.30 | 3.80 | -.50 | +.45 | +.50 |
| | - 37 | - 1 | 2 271 | | | | - 37 | - 23 | 2 4.20 | - 40 | | | |
| | | | 3 257 & 326 | | -3.254 | | | | 2 3.98 | | | | |
| | | | | | | | | | 3 3.17 | 8 | 517 | -16 | 3.65 |
| May 27 | -3.34 ✓ | | .37 ✓ | | | | -16 3.5 ✓ | | 3.8 ✓ | 3.6 ✓ | | | |
| | .22 ✓ | | .28 ✓ | | | | 3.2 ✓ | | 4.6 ✓ | 3.4 ✓ | | | |
| | | | .34 ✓ | | | | | | 4.4 ✓ | 3.3 ✓ | | | |
| | | | | | | | | | | 2.5 ✓ | | | |
| | -3.280 | | 3 .330 | -.050 | | | -16 3.35 | | 3 4.27 | 3.20 | -.92 | | -1.07 |
| | - 38 | - 1 | 2 318 & 126 | | -3.325 | | - 37 | - 23 | 4 3.60 | - 40 | | | |
| | | | | | | | | | 2 3.72 | 9 | 765 | -16 | 3.85 |
| May 29 | -3.02 ✓ | .15 ✓ | .13 ✓ | | | | -16 5.1 ✓ | 4.9 ✓ | 5.5 ✓ | 3.8 ✓ | | | |
| | .03 ✓ | .17 ✓ | .12 ✓ | | | | 5.3 ✓ | 4.9 ✓ | 5.3 ✓ | 4.7 ✓ | | | |
| | | .10 ✓ | .13 ✓ | | | | | 5.1 ✓ | 5.2 ✓ | | | | |
| | -3.025 | .140 | 3 .127 | -.102 | +.013 | | -16 5.20 | 4.97 | 3 5.33 | 4.25 | -.13 | -.36 | -1.08 |
| | - 38 | - 1 | 3 141 | | | | - 37 | - 23 | 2 4.65 | - 40 | | | |
| | | | 2 063 & 930 | | -3.116 | | | | 3 5.21 | | | | |
| | | | | | | | | | 2 5.57 | 10 | 206 | -16 | 5.21 |
| June 1 | -2.40 ✓ | | | | | | -16 6.3 ✓ | | | | | | |
| | .42 ✓ | | | | | | | | | | | | |
| | -2.410 | | | | | | -16 6.30 | | | | | | |
| | - 39 | - 1 | 2 2.449 | | -2.449 | | - 36 | - 21 | | - 39 | | -16 | 6.66 |
| June 8 | -2.20 ✓ | .20 ✓ | .05 ✓ | | | | -16 6.7 ✓ | 5.2 ✓ | 5.8 ✓ | 6.3 ✓ | | | |
| | .15 ✓ | .15 ✓ | .16 ✓ | | | | 5.0 ✓ | 5.3 ✓ | 5.1 ✓ | 4.4 ✓ | | | |
| | .15 ✓ | .19 ✓ | .20 ✓ | | | | 5.1 ✓ | 5.2 ✓ | 5.9 ✓ | 4.2 ✓ | | | |
| | .09 ✓ | .14 ✓ | .13 ✓ | | | | 6.0 ✓ | 6.7 ✓ | 6.3 ✓ | 5.0 ✓ | | | |
| | | .17 ✓ | | | | | | | 5.6 ✓ | 5.0 ✓ | | | |
| | | | | | | | | | | 7.6 ✓ | | | |
| | -2.172 | .170 | 4 .135 | +.037 | +.035 | | -16 5.70 | 5.60 | 5 5.74 | 5.42 | -.04 | -.14 | -.32 |
| | - 40 | - 1 | 5 171 | | | | - 35 | - 16 | 6 5.78 | - 36 | | | |
| | | | 4 212 & 2243 | | -2.173 | | | | 4 5.77 | | | | |
| | | | | | | | | | 4 6.05 | 19 | 1566 | -16 | 5.82 |
| June 10 | -1 | .91 ✓ | .94 ✓ | | | | -16 | 6.5 ✓ | 7.7 ✓ | 7.7 ✓ | | | |
| | | .90 ✓ | .91 ✓ | | | | | 6.7 ✓ | ~~6.6~~ | 6.7 ✓ | | | |
| | | .91 ✓ | | | | | | 6.8 ✓ | 7.1 ✓ | 9.2 ✓ | | | |
| | | .94 ✓ | | | | | | | | 5.5 ✓ | | | |
| | -1 | .915 | 2 .925 | | -.010 | | -16 | 6.67 | 2 7.55 | 7.28 | | -.88 | -.27 |
| | - 41 | - 1 | 4 916 & 114 | | -1.919 | | - 33 | - 12 | 4 7.61 | - 33 | | | |
| | | | | | | | | | 2 6.79 | 8 | 312 | -16 | 7.39 |

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| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | |
| 1875 | | | | | | | | | | | | |
| June 14 | -1.74 | .69 .67 .74 .70 | .72 .70 .77 | | | | -16′ 5.4″ | 5.8″ 7.0 7.7 7.3 | 7.5″ 7.4 6.5 | 8.0″ 8.8 | | |
| | -1.740 | .700 | 3 .730 | +.010 | -.030 | | -16 5.40 | 6.95 | 3 7.13 | 8.40 | -1.73 - .18 | +1.27 |
| | - .42 | - 1 | 4 701 | | | | - 30 | - 3 | 2 8.67 | - 27 | | |
| | - | - | 1 782 | 8 176 | -1.722 | | | | 4 6.98 | | | |
| | | | | | | | | | 1 5.70 | 10 | 235 -16 | 7.23 |
| June 15 | -1 | .46 .47 | .41 .50 | | | | -16 | 6.5 | 7.2 7.3 | 11.2 5.8 6.1 | | |
| | -1 | .465 | 2 .455 | + .010 | +.010 | | -16 | 6.50 | 2 7.25 | 6.48 | -.75 | -1.30 |
| | - 42 | - 1 | 2 466 | 4 242 | -1.460 | | - 30 | - 1 | 3 7.25 | - 25 | | |
| | | | | | | | | | 1 6.51 | 5 | 343 -16 | 6.68 7.48 |
| June 20 | -0.38 | .53 .50 .44 .46 .53 .55 | .51 .48 .45 .46 | | | | -16 6.0 | 5.8 6.1 | 6.6 6.4 | 6.3 6.4 6.6 6.1 7.5 | | |
| | -0.380 | .500 | 2 .480 | -.100 | +.020 | 2 .470 3 .504 | -16 6.00 | 5.95 | 2 6.50 | 6.58 | -.50 -.55 | -.08 |
| | - 42 | - 1 | 3 501 | | | 5 2452 | - 25 | + 5 | 5 6.75 | - 17 | | |
| | | .503 | 1 422 | 6 2885 | - 0.481 | -0.490 | | | 2 5.90 1 6.25 | 10 | 480 -16 | 6.48 |
| June 21 | -0.43 | .45 .48 | .51 | | | | -16 5.9 | 6.6 | 5.2 5.2 | 5.4 6.6 | | |
| | -0.430 | .465 | 1 .510 | -.080 | -.045 | | -16 5.90 | 6.60 | 2 5.20 | 6.00 | +.70 +1.40 | +.80 |
| | - 42 | - 1 | 2 466 | | | | - 24 | + 5 | 2 6.16 | - 16 | | |
| | | | 1 472 | 4 1914 | -0.478 | | | | 1 6.55 | | | |
| | | | | | | | | | 1 6.14 | 6 | 541 -16 | 5.90 |
| June 24 | -0.18 .18 | .22 .21 .15 .15 .20 .20 .17 .17 .21 .21 .20 .21 .16 .16 | .26 .26 .14 .14 .20 .20 .22 .23 .17 .17 | | | 5 200 7 .188 1 222 | -16 7.0 | 5.8 6.7 6.9 7.2 6.5 6.5 6.3 | 6.4 7.1 5.7 5.1 6.6 | 6.2 6.5 | | |
| | -0.180 | .187 | 5 .198 | -.018 | -.011 | 13 2538 | -16 7.00 | 6.56 | 5 6.18 | 6.35 | +.82 +.38 | +.17 |
| | - 42 | - 1 | 7 188 | | | - | - 23 | + 16 | 2 6.48 | - 13 | | |
| | | | 1 222 | 13 2528 | - 0.194 -0.195 | | | | 7 6.50 1 6.77 | 15 | 613 -16 | 6.41 |
| June 27 | +0 | .31 .31 .29 .29 | .37 .27 .28 | | | | -16 | 7.6 6.5 6.6 | 6.9 6.6 6.6 | 7.2 7.0 6.4 6.5 | | |
| | +0 | .310 | 3 .307 | | +.097 | | -16 | 6.90 | 3 6.70 | 6.78 | +.20 | +.08 |
| | - 42 | - 1 | 4 299 | 7 1757 | +0.303 | | - 22 | + 7 | 4 6.90 | - 12 | | |
| | | | | | | | | | 3 6.83 | 10 | 819 -16 | 6.82 |
| June 28 | +0 | .56 .59 .54 .57 .57 | .64 .62 .57 .62 | | | | -16 | 7.7 7.5 8.5 8.1 7.8 | 8.9 8.5 7.8 7.5 | 7.6 | | |
| | +0 | .560 | 4 .613 | | +.053 | | -16 | 7.92 | 4 8.18 | 7.60 | - -.26 | -.58 |
| | - 42 | - 1 | 5 559 | 9 5247 | +0.583 | | - 21 | + 6 | 1 7.70 | - 10 | | |
| | | | | | | | | | 5 7.86 | 10 | 972 -16 | 7.97 |
| June 30 | +1.11 | .11 .04 .09 | .15 .08 | | | | -16 7.0 | 8.2 7.1 7.8 | 8.2 7.4 | 7.4 8.7 | | |
| | +1.110 | .080 | 2 .115 | +.005 | +.035 | | -16 7.00 | 7.70 | 2 7.80 | 8.05 | -.80 -.10 | +.25 |
| | - 42 | - 1 | 3 079 | | | | - 21 | + 6 | 2 8.14 | - 9 | | |
| | | | 1 068 | 6 535 | +1.089 | | | | 3 7.64 | | | |
| | | | | | | | | | 1 7.21 | 7 | 580 -16 | 7.83 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1875 | | | | | | | | | | | | |
| July 1 | +1.56 | .36 | .46 | | | -16 9.41 | 8.2 | 8.4 | 7.2 | | | |
| | .51 | .40 | .39 | | | 7.5 | 8.8 | 7.9 | 8.3 | | | |
| | .51 | .45 | .42 | | | 8.1 | 9.3 | 8.1 | 7.4 | | | |
| | .46 | .54 | | | | | 7.9 | | 7.6 | | | |
| | | .45 | | | | | 7.7 | | 7.4 | | | |
| | +1.510 | .440 | 3 .423 | +.087 | -.017 | -16 8.33 | 8.38 | 3 8.13 | 7.58 | +.20 | +.25 | -.55 |
| | - 41 | - 1 | 5 439 | - | | - 20 | + 6 | 5 7.63 | - 5 | | | |
| | | | 4 469 | 12 540 | +1.445 | | | 5 8.32 | | | | |
| | | | | | | | | 3 8.53 | 16 | 173 | -16 | 8.11 |
| July 3 | +2.01 | +1.99 | +1.90 | | | -16 7.5 | 6.9 | 6.8 | 6.7 | | | |
| | .03 | .96 | .88 | | | 7.0 | 9.0 | 8.5 | 8.1 | | | |
| | .05 | .91 | | | | 8.0 | 8.6 | 7.8 | 6.8 | | | |
| | .08 | | | | | 8.5 | | | | | | |
| | +2.043 | 1.953 | 2 1.890 | -.153 | -.063 | -16 7.75 | 8.17 | 3 7.70 | 7.20 | +.05 | +.47 | -.50 |
| | - 40 | - 1 | 3 952 | | | - 19 | + 6 | 3 7.22 | - 2 | | | |
| | | | 4 2.003 | 98648 | +1.961 | | | 3 8.11 | 13 | 985 | -16 | 7.76 |
| | | | | | | | | 4 7.94 | | | | |
| July 7 | +1.64 | .61 | .46 | | | -16 11.4 | 11.0 | 9.2 | 10.2 | | | |
| | .57 | .54 | .57 | | | 11.2 | 10.6 | 11.0 | 10.1 | | | |
| | .62 | .53 | .48 | | | 9.7 | 11.0 | 10.1 | 8.6 | | | |
| | .58 | .61 | .46 | | | 10.2 | 9.8 | 11.1 | 9.4 | | | |
| | .65 | .50 | .54 | | | 10.5 | 10.6 | 11.1 | 10.3 | | | |
| | .62 | .53 | .67 | | | 11.4 | 10.4 | 11.0 | 11.5 | | | |
| | | .67 | | | | #D | 10.6 | 9.9 | | | | |
| | | .51 | | | | | 12.0 | 10.1 | | | | |
| | | .52 | | | | | 11.0 | | | | | |
| | +1.613 | .558 | 6 .503 | -.110 | -.053 | -16 10.73 | 10.78 | 8 10.44 | 10.02 | +.29 | +.34 | -.42 |
| | - 38 | + 0 | 9 558 | | | - 18 | + 5 | 6 10.00 | + 2 | | | |
| | | | 6 575 | 21 990 | +1.547 | | | 9 10.73 | | | | |
| | | | | | | | | 6 10.91 | 29 | 1555 | -16 | 10.54 |
| July 8 | +1.44 | | .21 | | | -16 10.9 | 10.1 | 10.0 | 9.9 | | | |
| | .38 | .20 | .27 | | | 9.3 | 10.0 | 9.9 | 10.2 | | | |
| | .26 | .29 | .30 | | | 10.0 | 10.9 | 11.5 | 10.5 | | | |
| | .32 | .35 | .31 | | | 10.5 | 10.3 | 10.3 | 11.4 | | | |
| | .34 | .37 | .35 | | | 11.0 | 11.3 | 11.8 | | | | |
| | | .36 | | | | | 10.7 | 9.5 | | | | |
| | | .31 | | | | | 10.8 | | | | | |
| | | .21 | | | | | | | | | | |
| | +1.348 | .299 | 5 .288 | -.060 | -.011 | -16 10.34 | 10.59 | 6 10.50 | 10.50 | -.16 | +.09 | +.02 |
| | - 37 | + 0 | 7 299 | | | - 17 | + 5 | 4 10.45 | + 5 | | | |
| | | | 5 311 | 17 5088 | +1.299 | | | 7 10.54 | | | | |
| | | | | | | | | 5 10.51 | 22 | 1113 | -16 | 10.51 |
| July 10 | +0.78 | .80 | .77 | | | -16 11.5 | 11.1 | 11.3 | 10.4 | | | |
| | .79 | .79 | .87 | | | 9.7 | 11.5 | 10.5 | 11.6 | | | |
| | .81 | .80 | .85 | | | 10.0 | 10.5 | 10.5 | 10.9 | | | |
| | .85 | .79 | .78 | | | 11.5 | 10.9 | 10.1 | 11.6 | | | |
| | .83 | .81 | .88 | | | 11.6 | 10.3 | 11.5 | 9.6 | | | |
| | | .85 | | | | | 10.2 | 11.2 | | | | |
| | | .68 | | | | | 11.5 | | | | | |
| | +0.812 | .789 | 5 .830 | +.018 | +.041 | -16 10.86 | 10.86 | 6 10.85 | 10.82 | +.01 | +.01 | +.03 |
| | - 37 | + 0 | 7 789 | | | - 17 | + 4 | 5 10.76 | + 6 | | | |
| | | | 5 775 | 17 13148 | +0.791 | | | 7 10.82 | | | | |
| | | | | | | | | 5 11.03 | 23 | 1979 | -16 | 10.86 |
| July 11 | +0.81 | .79 | .69 | | | -16 .93 | 10.9 | 10.6 | 10.8 | | | |
| | .78 | .75 | .74 | | | 11.5 | 9.6 | 10.6 | 10.0 | | | |
| | .77 | .78 | .76 | | | 8.6 | 8.7 | 9.1 | 10.7 | | | |
| | .80 | .74 | .71 | | | 10.0 | 10.0 | 9.3 | 10.5 | | | |
| | .79 | .76 | .72 | | | 10.8 | 9.1 | 11.1 | 10.2 | | | |
| | | .76 | | | | | 10.2 | 9.0 | 11.1 | | | |
| | | .72 | | | | | 10.1 | | | | | |
| | | .75 | | | | | 9.4 | | | | | |
| | +0.790 | .756 | 5 .730 | -.060 | -.026 | -16 10.04 | 9.75 | 6 9.95 | 10.55 | +.09 | -.20 | +.60 |
| | - 35 | + 0 | 8 756 | | | - 16 | + 4 | 6 10.48 | + 7 | | | |
| | | | 5 ~~825~~ 755 | 18 13823 | +0.~~768~~ 749 | | | 8 9.71 | | | | |
| | | | | | | | | 5 10.20 | 25 | 126 | -16 | 10.05 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 .80 | | | |
| 1875 | | | | | | | | | | | | |
| July 12 | +0 .85 ✓ | .77 ✓ | .77 ✓ | | | -16' 11.5 ✓ | 11.4 ✓ | 10.6 ✓ | 10.2 ✓ | | | |
| | .90 ✓ | .81 ✓ | .82 ✓ | | | 9.6 ✓ | 10.3 ✓ | 11.4 ✓ | 10.7 ✓ | | | |
| | .80 ✓ | .83 ✓ | .82 ✓ | | | 10.8 ✓ | 9.5 ✓ | 11.2 ✓ | 11.3 ✓ | | | |
| | .93 ✓ | .83 ✓ | .90 ✓ | | | 10.3 ✓ | 11.0 ✓ | 10.3 ✓ | 10.1 ✓ | | | |
| | .82 ✓ | .83 ✓ | | | | 11.2 ✓ | 12.0 ✓ | 10.9 ✓ | 11.5 ✓ | | | |
| | .86 ✓ | .69 ✓ | | | | 10.5 ✓ | 11.4 ✓ | | | | | |
| | .86 ✓ | .76 ✓ | | | | 11.1 ✓ | 10.5 ✓ | | | | | |
| | | .76 ✓ | | | | | | | | | | |
| | +0 .860 | .785 | 4 .828 | -.032 | +.043 | 10.71 | 10.82 | 5 10.88 | 10.76 | -.17 -.01 | -.12 | |
| | - 32 | + 1 | 8 786 | | | - 16 | + 13 | 5 10.69 | + 7 | | | |
| | | | 7 828 19 15196 | | + 0.807 | | | 7 10.84 | | | | |
| | | | | | | | | 7 10.87 | 24 | 1982 -16 | 10.83 | |
| July 31 | +2 | .47 | .57 | | | -16 | 11.8 | 10.6 | 11.5 | | | |
| | | .45 | .39 | | | | 11.5 | 11.4 | 11.0 | | | |
| | | .35 | .38 | | | | | 11.6 | 10.9 | | | |
| | | | .49 | | | | | 12.1 | | | | |
| | +2 | .423 | 4 .458 | | +.035 | -16 | 11.65 | 4 11.43 | 11.13 | +.22 | -.30 | |
| | - 27 | + 4 | 3 427 7 313 | | + 2.445 | - 11 | - 7 | 3 11.01 | + 12 | | | |
| | | | | | | | | 2 11.72 | 9 | 319 -16 | 11.35 | |
| Aug. 4 | +2.74 | .71 | .69 | | | -16 10.5 ✓ | 12.3 ✓ | 11.8 ✓ | 13.5 ✓ | | | |
| | | .66 | | | | | 11.2 ✓ | 12.2 ✓ | | | | |
| | | .64 | | | | | | | | | | |
| | +2.740 | .680 | 1 .690 | -.050 | +.010 | -16 10.50 | 12.25 | 2 12.70 | 13.50 | -1.50 +.25 | +1.50 | |
| | - 26 | + 6 | 3 686 | | | | | 1 13.38 | | | | |
| | | | 1 714 5 3462 | | + 2.692 | - 10 | - 10 | 2 13.35 | + 12 | | | |
| | | | | | | | | 1 10.60 | 6 | 68 -16 | 12.417 | |
| Aug. 7 | +3.86 | .96 | .89 | | | -16 12.6 | 13.0 | 12.7 | 12.8 | | | |
| | .89 | .81 | | | | 13.1 | 12.3 | 12.9 | 12.2 | | | |
| | .93 | .84 | | | | 12.6 | 13.2 | | 13.9 | | | |
| | +3.903 | .870 | 1 .890 | -.013 | +.020 | -16 12.77 | 12.83 | 2 12.80 | 12.97 | -.03 +.03 | +.17 | |
| | - 26 | + 7 | 3 877 | | | - 10 | - 11 | 3 12.86 | + 11 | | | |
| | | | 3 847 | | +3.879 | | | 3 12.94 | | | | |
| | | | | | | | | 3 12.87 | 11 | 961 -16 | 12.87 | |
| Aug 8 | +4.35 | .29 | | | | -16 13.1 | 12.7 | 12.9 | | | | |
| | +4.350 | .290 | | | | -16 13.10 | 12.70 | 1 12.90 | | +.20 -.20 | | |
| | - 25 | + 10 | 1 .299 | | | - 10 | - 13 | 1 12.83 | + 11 | | | |
| | | | 1 .325 2 624 | | +4.312 | | | 1 13.20 | 3 | 293 | 12.98 | |
| Aug 9 | +4.46 | .46 | .46 | | | -16 12.1 | 10.8 | 11.9 | 12.1 | | | |
| | .49 | .39 | .41 | | | 12.5 | 12.8 | 14.0 | 12.7 | | | |
| | | .41 | | | | | 12.8 | 12.1 | 12.5 | | | |
| | | .42 | | | | | 12.2 | | 13.6 | | | |
| | +4.475 | .420 | 2 .435 | -.040 | +.015 | -16 12.30 | 12.15 | 3 12.67 | 12.72 | -.37 -.52 | +.05 | |
| | - 25 | + 9 | 4 429 | | | - 10 | - 14 | 4 12.62 | + 10 | | | |
| | | | 2 456 8 286 | | +4.436 | | | 4 12.29 | | | | |
| | | | | | | | | 2 12.40 | 13 | 645 -16 | 12.50 | |
| Aug. 10 | +4.67 | .65 | .67 | | | -16 | | | | | | |
| | .68 | .67 | .68 | | | 12.2 | 12.3 | 12.8 | 13.1 | | | |
| | .75 | .69 | .71 | | | 12.1 | 12.8 | 12.7 | 13.2 | | | |
| | | .61 | | | | 11.6 | 11.7 | | 12.1 | | | |
| | | .62 | | | | | 12.3 | | 13.7 | | | |
| | +4.810 | .648 | 3 .687 | +.077 | +.039 | -16 11.97 | 12.28 | 2 12.75 | 13.03 | -.78 -.47 | +.28 | |
| | - 25 | + 9 | 5 657 | | | - 10 | - 15 | 4 12.93 | + 10 | | | |
| | | | 3 ~~555~~ 11 7101 | | + 4.~~845~~ 870 | | | 4 12.43 | | | | |
| | | | 675 | | ~~22~~ | | | 3 12.07 | 13 | 715 -16 | 12.55 | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1875 | | | | | | | | | | | | |
| Aug 14 | +6.113 | .40 | .39 | | | −16 12.3 | 12.3 | 12.1 | 11.6 | | | |
| | | .35 | .38 | | | | 11.9 | 12.1 | 11.8 | | | |
| | | .40 | .41 | | | | 12.5 | 12.7 | 12.8 | | | |
| | | .38 | | | | | 12.4 | | | | | |
| | +6.430 | .382 | 3 .393 | −.037 | +.011 | −16 12.30 | 12.28 | 3 12.30 | 12.07 | +.00 | −.02 | −.23 |
| | − 25 + 10 | | 4 .392 | | | − 10 | − 15 | 3 11.98 | + 9 | | | |
| | | | 1 .405 8 | 3152 | +6.394 | | | 4 12.43 | | | | |
| | | | | | | | | 1 12.40 | 11 | 296 | −16 | 12.27 |
| Aug 25 | +14.111 | | .20 | | | −16 | 16.7 | | 15.6 | | | |
| | | | | | | | | | 15.1 | | | |
| | | | | | | | | | 15.5 | | | |
| | +14.140 | | 1 .200 | +.060 | | | 16.70 | | 15.40 | | | |
| | − 25 | + 13 | 1 1152 | 315 | +14.157 | − 10 | − 22 | 3 15.6 | + 1 | | | |
| | | | | | | | | 1 16.7 | 4 | 35 | −16 | 1588 |
| Aug 26 | +14.83 .83 | .68 .68 | .66 .65 | | | −16 16.0 | 15.8 | 14.9 | 13.5 | | | |
| | .89 .87 | .80 .80 | .63 .63 | | | 15.3 | 14.5 | 14.6 | 14.7 | | | |
| | | .79 .79 | .62 .62 | | | | 16.0 | 16.2 | 15.9 | | | |
| | | .75 .75 | .81 .81 | | | | 15.7 | 15.5 | 13.9 | | | |
| | | .70 .70 | | | | | 15.0 | | 15.7 | | | |
| | | .65 .65 | | | | | 16.4 | | 14.5 | | | |
| | | .54 .87 | | | | | 16.7 | | | | | |
| | | .86 | | | | | 16.7 | | | | | |
| | +14.860 | .721 | 4 .680 | +.180 | −.040 | −16 15.65 | 15.85 | 4 15.30 | 14.70 | +.35 | +.55 | −.60 |
| | − 25 + 13 | | 8 .734 | | | − 10 | − 22 | 6 14.70 | + 00 | | | |
| | | | 2 .835 14 | 10762 | +14.733 | | | 8 16.07 | | | | |
| | .850 | .749 | 4 .678 | | | | | 2 15.75 | 20 | 946 | −16 | 15.447 |
| | | | 4 .762 | | | | | | | | | |
| | | | 2 .825 | 13 9696 | +14.746 | | | | | | | |
| Aug 28 | +16.20 | .26 | .18 | | | −16 15.8 | 13.3 | 14.2 | 15.3 | | | |
| | | .21 | .27 | | | | 15.3 | 16.7 | 14.7 | | | |
| | | .18 | | | | | 15.4 | | 14.3 | | | |
| | | | | | | | | | 14.9 | | | |
| | | | | | | | | | 14.5 | | | |
| | | | | | | | | | 15.5 | | | |
| | | | | | | | | | 14.9 | | | |
| | +16.200 | .217 | 2 .225 | −.025 | −.008 | −16 15.80 | 14.67 | 2 15.45 | 14.87 | +.35 | −.78 | −.58 |
| | − 25 + 13 | | 3 230 | | | − 10 | − 23 | 7 14.88 | − 1 | | | |
| | | | 1 175 6 | 1315 | +16.219 | | | 3 14.90 | | | | |
| | | | | | | | | 1 15.90 | 13 | 66 | −16 | 15.05 |
| Aug 29 | +17.17 | .14 | .18 | | | −16 15.5 | 14.6 | 14.9 | 14.3 | | | |
| | | .05 | .01 | | | | 14.1 | 14.0 | 14.6 | | | |
| | | .17 | .16 | | | | 13.4 | 15.3 | 15.9 | | | |
| | | .10 | | | | | 13.5 | | 14.9 | | | |
| | | | | | | | | | 14.0 | | | |
| | | | | | | | | | 14.1 | | | |
| | +17.170 | .115 | 3 .117 | −.053 | +.002 | −16 15.50 | 13.98 | 3 14.73 | 14.63 | +.77 | −.75 | −.10 |
| | − 24 + 13 | | 4 128 | | | − 10 | − 24 | 6 14.66 | − 3 | | | |
| | | | 1 146 8 | 209 | +17.126 | | | 4 14.22 | | | | |
| | | | | | | | | 1 15.60 | 14 | 863 | −16 | 14.62 |
| Aug 30 | +17.96 | +17.97 | +18.01 | | | −16 15.4 | 13.77 | 14.8 | 15.7 | | | |
| | | 18.04 | +17.94 | | | | 14.4 | 15.8 | 14.3 | | | |
| | | 17.90 | +18.08 | | | | 14.6 | 15.2 | 15.4 | | | |
| | | | | | | | | | 15.8 | | | |
| | | | | | | | | | 15.5 | | | |
| | | | | | | | | | 13.0 | | | |
| | +17.960 | 17.970 | 3 18.010 | +.050 | +.010 | −16 15.40 | 14.07 | 3 15.27 | 14.95 | +.13 | −1.20 | −.32 |
| | − 24 + 13 | | 3 17.983 | | | − 10 | − 24 | 6 14.98 | − 3 | | | |
| | | | 1 936 7 | 6915 | +17.988 | | | 3 14.31 | | | | |
| | | | | | | | | 1 15.50 | 13 | 1212 | −16 | 1493 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | z-3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70+1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1875 | | | | | | | | | | | | |
| Aug 31 | +18.93+ | .87 + | .98+ | | | -16 14.1 | 13.3 | 12.8 | 11.9 | | | |
| | | .85 + | .93+ | | | | 12.1 | 13.0 | 13.0 | | | |
| | | .92+ | .77+ | | | | 13.0 | 11.6 | 12.8 | | | |
| | | .90 + | | | | | 13.0 | | 11.7 | | | |
| | | .88 + | | | | | 13.5 | | | | | |
| | +18.930 | .872 | 3 .893 | -.037 | +.021 | -16 14.10 | 13.82 | 3 12.47 | 12.35 | +1.63 | +.35 | -.12 |
| | - 24 | + 14 | 5 886 | | | - 10 | - 24 | 4 12.38 | - 3 | | | |
| | | | 1 906 9 | 8015 | +18.891 | | | 5 13.06 | | | | |
| | | | | | | | | 1 14.20 | 13 | 1043 | -16 | 12.80 |
| Sept 1 | +19.78 | .60 | .56 | | | -16 13.3 | 11.6 | 11.8 | 12.3 | | | |
| | .43 | .58 | .62 | | | 15.0 | 14.2 | 13.3 | 13.3 | | | |
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| | .62 | | | | | | 12.7 | | 12.0 | | | |
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| | +19.692 | .603 | 2 .590 | -.102 | -.013 | -16 14.37 | 13.40 | 2 12.55 | 12.64 | +.182 | +.85 | +.09 |
| | - 24 | + 14 | 3 617 | | | - 10 | - 25 | 5 12.68 | - 4 | | | |
| | | | 4 668 9 | 5703 | +19.634 | | | 4 13.65 | | | | |
| | | | | | | | | 3 14.47 | 14 | 451 | -16 | 13.32 |
| Sept 4 | +22.23 | .23 | .27 | | | -16 14.1 | 13.9 | 16.0 | 15.9 | | | |
| | .27 | .22 | .24 | | | 14.5 | 13.7 | 15.2 | 14.6 | | | |
| | .24 | | | | | 11.8 | 11.9 | | 11.6 | | | |
| | .27 | | | | | | | | 13.8 | | | |
| | | | | | | | | | 15.5 | | | |
| | +22.252 | .225 | 2 .255 | +.003 | +.030 | -16 13.47 | 13.17 | 2 15.60 | 14.88 | -1.13 | -2.13 | -.72 |
| | - 24 | + 14 | 2 239 | | | - 10 | - 26 | 5 14.94 | - 6 | | | |
| | | | 4 228 8 | 300 | +22.237 | | | 3 13.43 | | | | |
| | | | | | | | | 3 13.57 | 13 | 490 | -16 | 14.38 |
| Sept 5 | +23.32 | .32 | .27 | | | -16 13.8 | 12.7 | 12.9 | 13.4 | | | |
| | .32 | .24 | .26 | | | 13.9 | 14.0 | 13.9 | 12.2 | | | |
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| | .30 | .29 | | | | 13.4 | 13.1 | | 13.1 | | | |
| | .37 | | | | | | 12.7 | | | | | |
| | +23.322 | .268 | 2 .265 | -.057 | -.003 | -16 13.10 | 13.24 | 2 13.40 | 13.30 | -.30 | -.16 | -.10 |
| | - 24 | + 14 | 4 282 | | | - 10 | - 26 | 4 13.38 | - 8 | | | |
| | | | 5 298 11 | 286 | +23.286 | | | 5 13.50 | | | | |
| | | | | | | | | 4 13.20 | 15 | 562 | -16 | 13.37 |
| Sept 7 | +25.13 | .04 | .11 | | | -16 13.6 | 12.6 | 13.9 | 13.7 | | | |
| | .07 | .06 | | | | 14.0 | 13.5 | 12 | 14.0 | | | |
| | .05 | .09 | | | | 14.1 | 14.1 | | 15.1 | | | |
| | .12 | .11 | | | | 14.3 | 12.5 | | | | | |
| | .11 | | | | | 15.1 | 11.9 | | | | | |
| | .11 | | | | | | | | | | | |
| | +25.098 | .078 | 1 .140 | +.042 | +.062 | -16 14.22 | 12.98 | 1 13.90 | 14.27 | +.32 | -.92 | +.37 |
| | - 24 | + 14 | 4 092 | | | - 10 | - 27 | 3 14.36 | - 9 | | | |
| | | | 6 074 11 | 952 | +25.087 | | | 5 13.25 | | | | |
| | | | | | | | | 5 14.32 | 14 | 1283 | -16 | 13.92 |
| Sept. 8 | +25.79 | .67 | .74 | | | | | | | | | |
| | .53 | .71 | | | | -16 12.7 | 13.6 | 14.0 | 13.7 | | | |
| | .73 | .74 | | | | 14.7 | 14.4 | | 14.0 | | | |
| | .70 | | | | | 11.9 | 13.3 | | 14.4 | | | |
| | .73 | | | | | 12.8 | 12.5 | | 14.2 | | | |
| | .74 | | | | | 13.7 | | | 14.6 | | | |
| | +25.737 | .707 | 1 .740 | +.003 | +.033 | -16 13.16 | 13.45 | 1 14.00 | 14.18 | -.84 | -.55 | +.18 |
| | - 24 | + 14 | 3 721 | | | - 10 | - 28 | 5 14.29 | - 11 | | | |
| | | | 6 713 10 | 7181 | +25.718 | | | 4 13.73 | | | | |
| | | | | | | | | 5 13.26 | 15 | 1167 | -16 | 13.78 |
| Sept. 11 | +29.60 | .52 | .64 | | | -16 14.4 | 14.7 | 13.6 | 13.8 | | | |
| | .63 | .63 | .45 | | | 12.9 | 15.3 | 14.6 | 14.4 | | | |
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| | .62 | | | | | | 13.2 | | | | | |
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| | - 24 | + 13 | 4 603 | | | - 10 | - 31 | 3 14.24 | - 14 | | | |
| | | | 5 598 11 | 6492 | +29.590 | | | 5 14.95 | | | | |
| | | | | | | | | 4 13.80 | 14 | 487 | -16 | 14.35 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1875 | | | | | | | | | | | | |
| Sept 25 | +37° | ,46 | ,60 | | | -16' | 12.5" | | 13.3" | | | |
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| | | ,50 | | | | | 11.6 | | | | | |
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| | +37 | ,467 | 1 ,600 | | +,133 | -16 | 12,45 | | 13.30 | | | |
| | - 24 | + 4 | 3 471 4 2013 | | +37,503 | - 10 | - 31 | 1 13.45 | - 15 | | | |
| | | | | | | | | 4 12.76 | 5 | 449 | -16 | 12.90 |
| Sept 28 | | | | | | | | | | | | |
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| Oct. 4 | +43.50 | ,54 | ,46 | | | -16 13.1 | 13.0 | 13.7 | 13.3 | | | |
| | ,53 | ,46 | ,47 | | | 14.2 | 13.1 | 13.8 | 13.5 | | | |
| | ,52 | ,51 | ,57 | | | 12.8 | 14.0 | 13.3 | 13.9 | | | |
| | ,53 | ,56 | | | | | 13.7 | 13.0 | 13.2 | | | |
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| | +43.520 | ,518 | 3 ,510 | -,010 | -,028 | -16 13.37 | 13.28 | 4 13.45 | 13.48 | -,08 | -,17 | +,03 |
| | - 24 | - 9 | 4 509 | | | - 11 | - 35 | 4 13.69 | - 21 | | | |
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| | | | | | | | | 3 13.48 | 16 | 915 | -16 | 13.57 |
| Oct. 5 | +44.10 | | ,08 | | | -16 12.8 | | 12.3 | 11.3 | | | |
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| | - 24 | - 10 | 1 076 2 156 | | +44.078 | - 11 | - 35 | 1 11.52 | - 22 | | | |
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| Oct. 13 | +48.13 | ,15 | ,14 | | | -16 14.1 | 14.3 | 14.7 | 13.3 | | | |
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| | +48.133 | ,150 | 2 ,150 | +.017 | +.020 | -16 14.57 | 14.30 | 3 14.70 | 13.18 | -.13 | -.40 | -.52 |
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| Oct. 14 | +48.18 | ,05 | ,03 | | | -16 13.4 | 14.3 | 13.9 | 14.2 | | | |
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| | | | 7 129 12 1124 | | +48.093 | | | 3 14.48 | | | | |
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| Oct. 17 | +4097 | +50.08 | +49.97 | | | -16 16.0 | 14.6 | 15.4 | 4.8 | | | |
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| | ,02 | | | | | 15.3 | | 15.0 | | | | |
| | +50.003 | .025 | 2 49.985 | -,018 | -,040 | -16 15,60 | 14.60 | 3 15,13 | 14.80 | +.47 | -.53 | -.33 |
| | - 26. | - 15 | 2 .010 | | | - 10 | - 385 | 1 15.06 | - 26 | | | |
| | | | 2 .977 6 3944 | | 49.991 | | | 1 17.65 | | | | |
| | | | | | | | | 3 15.70 | 8 | 520 | -16 | 15.65 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
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| Oct. 18 | +50.55 | .55 | .53 | | | | -16 16.0 | 14.6 | 15.9 | 14.3 | | | |
| | .57 | .56 | .53 | | | | (13.3) | 15.1 | 15.2 | | | | |
| | .61 | | | | | | 14.4 | (13.9) | | | | | |
| | +50.577 | .555 | 2 .530 | -.047 | -.025 | | -16 14.57 | 14.53 | 2 15.55 | 14.30 | -.98 | -1.02 | -1.25 |
| | - 25 | - 141 | 2 541 | | | | - 10 | - 35 | 1 14.56 | - 26 | | | |
| | | | 3 552 | 7 298 | +50.543 | | 15.20 | | 3 2 15.88 | | | | 15.73 |
| | | | | | | | | | 3 2 14.67 | 9 | 831 -16 | | 14.92 |
| | | | | | | | | | 15.36 | | | | .57 |
| Oct. 19 | +51.04 | .13 | .02 | | | | | 15.1 | 15.4 | 13.8 | | | |
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| | | .92 | +51.06 | | | | 13.9 | 13.9 | 14.4 | 14.6 | | | |
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| | +51.040 | 51.012 | 4 50.975 | -.065 | -.037 | | -16 15.30 | 14.02 | 4 15.13 | 13.55 | +.17 -.11 | | -.158 |
| | - 25 | - 141 | 5 .998 | | | | - 10 | - 35 | 4 13.81 | - 26 | | | |
| | | | 2 .815 11 | 10920 | +50.993 | | | | 5 14.37 | | | | |
| | | | | | | | | | 2 15.40 | 15 | 841 -16 | | 14.56 |
| | | | | | | | | | 1 14.00 | | | | .40 |
| Oct. 20 | +51.69 | .68 | .63 | | | | | 14.6 | 15.7 | 15.9 | | | |
| | .61 | .70 | .63 | | | | -16 14.3 | 14.8 | 15.4 | 14.9 | | | |
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| | | .61 | | | | | 13.5 | 14.1 | 15.2 | 15.1 | | | |
| | +51.657 | .650 | 3 .637 | -.020 | -.013 | | | | | | | | |
| | - 25 | - 15 | 4 .635 | | | | -16 14.37 | 14.78 | 4 15.60 | 15.48 | -1.23 -.82 | | -.12 |
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| | | | | | | | | | 3 14.47 | 15 | 425 -16 | | 15.28 |
| Oct. 21 | +52 | .16 | .11 | | | | -16 | 14.4 | 14.2 | 14.9 | | | |
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| | +52 | .165 | 1 .110 | | -.055 | | -16 | 13.90 | 1 14.20 | 14.90 | | -.30 | +.70 |
| | - 26 | - 15 | 2 .150 3 | 110 | +52.134 | | - 9 | - 34 | 1 15.16 | - 26 | | | |
| | | | | | | | | | 2 14.24 | 4 | 184 -16 | | 14.46 |
| Oct. 25 | +54.36 | .33 | .32 | | | | -16 13.8 | 14.8 | 14.7 | 16.0 | | | |
| | .33 | .36 | .35 | | | | 15.6 | 14.3 | 14.0 | 14.7 | | | |
| | .38 | .33 | .29 | | | | 14.0 | 14.1 | 14.6 | 14.3 | | | |
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| | .11 | .32 | | | | | | 13.4 | | | | | |
| | +54.364 | .320 | 3 .320 | -.044 | +.000 | | | 13.6 | | | | | |
| | - 26 | - 15 | 5 .305 | | | | -16 14.38 | 14.25 | 4 14.42 | 15.00 | -.04 -.17 | | +.38 |
| | | | 6 .338 13 | 275 | +54.321 | | - 9 | - 34 | 3 15.27 | - 27 | | | |
| | | | | | | | | | 6 14.59 | 17 | 1091 -16 | | 14.64 |
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| Oct. 27 | +55.43 | .36 | .40 | | | | -16 14.2 | 14.1 | 14.7 | 14.9 | | | |
| | | .37 | .47 | | | | 15.2 | 14.4 | 14.3 | 13.6 | | | |
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| | | | .38 | | | | | | 14.7 | | | | |
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| | | | 1 .404 8 | 3142 | +55.393 | | | | 2 14.58 | | | | |
| | | | | | | | | | 2 14.78 | 12 | 828 -16 | | 14.69 |
| Nov. 2 | +56.34 | .24 | .22 | | | | -16 14.7 | 14.9 | 14.2 | 14.1 | | | |
| | .33 | .29 | .26 | | | | 14.5 | 13.6 | 13.4 | 16.2 | | | |
| | .26 | .28 | .31 | | | | 14.5 | 14.1 | 15.6 | 14.7 | | | |
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| | | .32 | | | | | | 14.8 | | | | | |
| | | | | | | | | 14.9 | | | | | |
| | +59.315 | .306 | 3 .263 | -.052 | +.043 | | -16 14.57 | 14.57 | 3 14.07 | 15.00 | +.50 +.50 | | +.93 |
| | - 26 | - 17 | 5 .289 | | | | - 7 | - 32 | 3 15.29 | - 29 | | | |
| | | | 4 .286 12 | 990 | +59.284 | | | | 6 14.89 | | | | |
| | | | | | | | | | 3 14.64 | 15 | 1134 -16 | | 14.76 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1875 | | | | | | | | | | | | | |
| Nov. 3 | +59.99 | .90 | .77 | | | | -16' 15.9 | 13.6 | 14.5 | 13.9 | | | |
| | .90 | .89 | .87 | | | | 17.4 | 14.6 | 16.4 | 15.9 | | | |
| | .85 | .87 | | | | | 15.3 | 15.2 | 15.4 | 15.4 | | | |
| | | .79 | | | | | | 14.6 | | | | | |
| | +59.913 | .862 | 2 .920 | +.193 | -.112 | | -16 16.20 | 14.50 | 3 15.43 | 15.07 | +1.13 | -.98 | +.36 |
| | - 26 | - 17 | 4 845 | | | | - 6 | - 32 | 3 15.36 | - 29 | | | |
| | | | 3 887 9 | 7481 | +59.837/53 | | | | 4 14.82 | | | | |
| | | | | | | | | | 3 16.26 | 13 | 543 | -16 | 15.42 |
| Nov. 4 | +60.28 .27 | .27 .25 | .26 .22 | | | | -16 15.0 | 14.5 | 15.6 | 14.0 | | | |
| | .27 .27 | .31 .30 | .29 .29 | | | | 16.2 | 14.6 | 15.9 | 14.4 | | | |
| | .29 .29 | .32 .32 | .21 .23 | | | | 14.5 | 16.3 | 15.0 | 14.0 | | | |
| | .31 .31 | .34 .34 | | | | | 15.3 | 14.9 | 15.5 | 14.9 | | | |
| | .33 .34 | .28 .36 | | | | 3 .247 | 15.0 | 14.0 | | | | | |
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| | .23 | | | | | 6 .264 | -16 15.23 | 14.93 | 4 15.50 | 14.33 | -.27 | -.57 | -1.17 |
| | +60.289 | .340 | 3 .253 | -.036 | -.087 | 75 1101 | - 6 | - 31 | 4 14.63 | - 30 | | | |
| | - 26 | - 17 | 5 323 | | | | | | 6 15.24 | 20 | 370 | -16 | 15.18 |
| | .290 | .313 | 7 263 15 | 4215 | +60.281 | +60.273 | | | 6 15.29 | | | | |
| Nov. 6 | +60.89 1.00 | .87 .87 | .93 0.90 | | | | -16 15.7 | 15.6 | 14.0 | 15.3 | | | |
| | 61.01 1.01 | .88 .99 | +61 .02 0.99 | | | | 14.5 | 15.7 | 15.2 | 15.6 | | | |
| | .05 1.05 | .95 .96 | +60. 89 0.89 | | | | 17.1 | 14.5 | 14.3 | 14.7 | | | |
| | .04 1.05 | .95 .96 | .99 1.00 | | | | | 16.2 | 14.4 | | | | |
| | | .91 .92 | .90 0.91 | | | | | 16.3 | 16.0 | | | | |
| | | .90 .92 | | | | | | 15.7 | | | | | |
| | | | | | | | | 15.4 | | | | | |
| | +60.998 | .910 | 5 .946 | -.052 | +.036 | | -16 15.77 | 15.63 | 5 14.78 | 15.20 | +.99 | +.85 | +.42 |
| | - 26 | - 17 | 6 893 | | | | - 5 | - 31 | 3 15.50 | - 30 | | | |
| | | | 4 972 15 | 13976 | +60.932 | | | | 7 15.91 | | | | |
| | 61.028 | 60.937 | 5 60.936 | | | | | | 3 15.82 | 18 | 923 | -16 | 15.51 |
| | | | 6 0.920 | | | | | | | | | | |
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| Nov. 7 | +61.38 | .34 | .34 | | | | -16 13.8 | 16.2 | 15.8 | 14.7 | | | |
| | .36 | .34 | .39 | | | | 13.5 | 14.8 | 14.6 | 14.2 | | | |
| | .35 | .39 | .41 | | | | | 14.6 | 16.1 | | | | |
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| | +61.363 | .354 | 3 .380 | +.017 | +.023 | | -16 13.65 | 14.46 | 3 15.50 | 14.45 | -1.85 | -.84 | -1.05 |
| | - 26 | - 17 | 3 .340 | | | | - 4 | - 30 | 2 14.76 | - 31 | | | |
| | | | 3 .337 9 | 471 | +61.352 | | | | 5 14.96 | | | | |
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| Nov. 8 | +61.77 .76 | .69 .68 | .81 .80 | | | | -16 13.1 | 13.2 | 13.7 | 13.2 | | | |
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| | | .62 .72 | .78 .80 | | | | | 13.4 | 13.3 | | | | |
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| | | .74 | | | | 1 .734 | | 13.8 | | | | | |
| | +61.770 | .675 | 3 .773 | +.003 | +.098 | 8 205 | -16 13.10 | 12.98 | 3 13.37 | 13.20 | -.27 | -.39 | -.17 |
| | - 26 | - 17 | 6 658 | | | | - 3 | - 30 | 1 13.51 | - 31 | | | |
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| | | | | | +61.726 | | | | 1 13.13 | 11 | 343 | -16 | 13.31 |
| Nov. 9 | +61.97 | .71 | .80 | | | | -16 14.1 | 14.8 | 13.7 | 13.7 | | | |
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| | 61.97 | .90 | .88 | | | | | 14.5 | 13.9 | 13.5 | | | |
| | | | | | | | | 14.1 | | 13.0 | | | |
| | | | | | | | | | | 13.0 | | | |
| | +61.983 | .837 | 3 .857 | -.146 | -.020 | | -16 14.05 | 14.18 | 3 14.13 | 13.18 | -.08 | +.05 | -.95 |
| | - 26 | - 18 | 3 819 | | | | - 3 | - 31 | 5 13.49 | - 31 | | | |
| | | | 3 957 9 | 7899 | +61.878 | | | | 4 14.49 | | | | |
| | | | | | | | | | 2 14.08 | 14 | 1396 | -16 | 14.00 |
| Nov. 11 | 62.66 | 62.74 | 62.64 | | | | -16 12.3 | 12.4 | 14.6 | 14.8 | | | |
| | .69 | .60 | | | | | 15.5 | 13.9 | | 13.7 | | | |
| | | | | | | | 15.5 | 14.3 | | | | | |
| | | | | | | | -16 14.43 | 13.53 | 1 14.60 | 14.25 | -.17 | -1.07 | -.35 |
| | 62.675 | 62.670 | 1 62.640 | | -.017 | | - 1 | - 29 | 2 14.56 / | - 31 | | | |
| | - 26 | -18 | 2 652 | | | | | | 3 13.82 | | | | |
| | | | 2 649 | | 62.648 | | | | 3 14.44 | 9 | 250 | -16 | 14.28 |

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| | 1 | 2 | Guide Group | z-1 | z-2 | 1 | 2 | Guide Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.16 | +.18 +.70 | +.70 +.91 | | | +.79 +.54 | +.54 +.13 | +.13 +.38 | -.38 -.60 | | | |
| 1875 | | | | | | | | | | | | |
| Nov. 14 | +65.65 | .70 | .71 | | | -16 13.1 | 13.6 | 13.8 | 12.8 | | | |
| | .71 | .71 | .72 | | | 16.1 | 13.8 | 14.3 | 13.8 | | | |
| | .40 | | .66 | | | 15.2 | | 13.9 | 13 | | | |
| | | | | | | | | 13.7 | | | | |
| | +65.687 | .705 | 3 .697 | +.010 | -.008 | -16 14.80 | 13.70 | 4 13.93 | 13.30 | +.87 | -.23 | -.63 |
| | - 27 | - 19 | 2 686 | | | + 6 | - 27 | 2 13.62 | - 32 | | | |
| | | | 3 660 8 643 | | +65.680 | | | 2 13.97 | | | | |
| | | | | | | | | 3 14.74 | 11 | 112 | -16 | 14.10 |
| Nov. 20 | +6.444 | .40 | .44 | | | -16 15.5 | 14.0 | 14.3 | | | | |
| | .40 | | | | | 14.9 | | 14.0 | | | | |
| | +6.420 | .400 | 1 .440 | +.020 | +.040 | -16 15.20 | 14.00 | 2 14.30 | | +.90 | -.30 | |
| | - 27 | - 19 | 1 381 6 | | 402 | + 8 | - 25 | 1 14.25 | - 33 | | | |
| | | | 2 393 4 1807 | | + 6.~~377~~ | | | 2 15.12 | 5 | 309 | -16 | 14.62 |
| Nov. 21 | +6.36 | .34 | .30 | | | -16 12.0 | 13.9 | 14.1 | 15.1 | | | |
| | .44 | .40 | .40 | | | 13.0 | 13.4 | | 13.7 | | | |
| | | | | | | | 14.3 | | | | | |
| | +6.400 | .370 | 2 .350 | -.050 | -.020 | -16 12.50 | 13.87 | 1 14.10 | 14.40 | -1.60 | -.23 | +.30 |
| | - 27 | - 19 | 2 351 | | | + 8 | - 24 | 2 14.74 | - 34 | | | |
| | | | 2 373 6 348 | | + 6.358 | | | 3 14.11 | | | | |
| | | | | | | | | 2 12.42 | 8 | 675 | -16 | 13.84 |
| Nov. 22 | +6.09 .07 | +6.09 .11 | .08 .09 | | | -16 14.2 | 13.5 | 12.0 | 14.5 | | | |
| | | + 5.98 .00 | .22 | | | 14.2 | 14.5 | 14.1 | 13.3 | | | |
| | | + 6.08 .06 | | | | | 12.5 | | 11.5 | | | |
| | | 6.04 .02 | | | | | 12.8 | | | | | |
| | | 5.96 .94 | | | | | 12.2 | | | | | |
| | +6.090 | .030 | 2 .150 | +.060 | +.120 | -16 14.20 | 13.10 | 2 13.05 | 13.10 | +1.15 | +.05 | +.05 |
| | - 27 | - 19 | 5 011 | | | + 9 | - 23 | 3 13.44 | - 34 | | | |
| | .090 | .026 | 1 063 8 418 | | + 6.052 | | | 5 13.33 | | | | |
| | | | 1 .090 | | | | | 2 14.11 | 12 | 529 | -16 | 13.44 |
| | | | 5 .007 | | | | | | | | | |
| | | | 1 043 7 168 | | + 6.027 | | | | | | | |
| Nov. 24 | +5.67 | .79 | .68 | | | -16 15.2 | 14.6 | 14.6 | 14.1 | | | |
| | | | .689 | | | | | 14.4 | 14.6 | | | |
| | +5.670 | .790 | 2 .685 | -.015 | -.135 | -16 15.20 | 14.60 | 2 14.05 | 14.35 | +1.15 | +.55 | +.30 |
| | - 27 | - 19 | 21 771 | | | + 10 | - 23 | 2 14.69 | - 34 | | | |
| | | | 1 643 4 2724 | | + 5.6~~87~~ 96 | | | 1 14.83 | | | | |
| | | | | | | | | 1 15.10 | 6 | 341 | -16 | 14.57 |
| Nov. 29 | +4.49 | .31 | .43 | | | -16 14.8 | 15.2 | 13.8 | 12.9 | | | |
| | .45 | .34 | .46 | | | 15.8 | 13.9 | 13.5 | 13.5 | | | |
| | | .29 | .34 | | | | 15.3 | 13.5 | | | | |
| | +4.470 | .313 | 3 .410 | -.060 | +.097 | -16 15.30 | 14.80 | 3 13.60 | 13.20 | +2.10 | +1.20 | -.40 |
| | - 27 | - 19 | 3 294 | | | + 11 | - 22 | 2 13.54 | - 34 | | | |
| | | | 2 443 8 2998 | | + 4.375 | | | 3 15.02 | | | | |
| | | | | | | | | 2 15.19 | 10 | 332 | -16 | 14.33 |
| Nov. 30 | +4.09 | .17 | .16 | | | -16 13.2 | 12.6 | 13.1 | | | | |
| | | .03 | .06 | | | | 12.4 | 14.0 | | | | |
| | | .10 | | | | | 11.8 | | | | | |
| | +4.090 | .100 | 2 .110 | +.020 | +.010 | -16 13.20 | 11.60 | 2 13.55 | | -.35 | -1.95 | |
| | - 27 | - 20 | 3 080 | | | + 12 | - 21 | 3 14.81 | - 34 | | | |
| | | | 1 063 6 523 | | +4.087 | | | 1 13.08 | 6 | 361 | -16 | 12.60 |
| Dec 1 | +3.70 | | .66 | | | -16 11.2 | 14.8 | 11.5 | | | | |
| | +3.700 | | 1 .660 | -.040 | | -16 11.20 | 14.80 | 1 11.50 | | -.30 | +3.30 | |
| | - 27 | - 20 | 1 673 2 133 | | +3.667 | + 13 | - 20 | 1 15.00 | - 35 | | | |
| | | | | | | | | 1 11.07 | 3 | 157 | -16 | 12.52 |
| Dec 2 | +~~8~~2.96 | .88 | .97 | | | -16 10.8 | 11.6 | 13.4 | | | | |
| | +62.960 | .880 | 1 .970 | +.010 | +.090 | -16 10.80 | 11.60 | 1 13.40 | | -2.60 | -1.80 | |
| | - 27 | - 20 | 1 860 | | 921 | + 13 | - 19 | 1 11.79 | - 36 | | | |
| | | | 1 933 3 63 | | +~~5~~2.~~9~~4 | | | 1 10.64 | 3 | 286 | -16 | 11.95 |

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| | 1 | 2 | Zenith-group | Z-1 | Z-2 | | 1 | 2 | Zenith-group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1875 | | | | | | | | | | | | | |
| Dec. 6 | +0 ' .03 +.02 | 0 ' .09 +.02 | 0 ' + .01 +.09 | | | | -16 13.9 | 12.8 | 12.8 | | | | |
| | .10 +.07 | .05 | - .02 -.10 | | | | 13.6 | | 14.4 | | | | |
| | .08 +.05 | | -.05 | | | | 14.0 | | | | | | |
| | +0.0708 | .070 | -2 .005 | -.065 | -.045 | | -16 13.83 | 12.80 | 2 13.60 | | +.23 | -.80 | |
| | -.27 | -.20 | 2 050 | | | | + 15 | - 16 | 1 12.96 | - 36 | | | |
| | | | 3 043 7 239 | | +0.034 | | | | 3 13.68 | 6 | 320 | -16 | 13.53 |
| | +.0247 | +.020 | 3 -.020 | | | | | | | | | | |
| | | | 1 +.000 | | +0.000 | | | | | | | | |
| | | | 3 +.020 7 000 | | | | | | | | | | |
| Dec. 12 | -3.74 | .80 | .75 | | | | -16 13.0 | 13.4 | 13.9 | 14.8 | | | |
| | .77 | .83 | .80 | | | | 13.0 | 13.3 | 16.7 | 14.1 | | | |
| | .76 | .75 | .79 | | | | 13.0 | 14.1 | 14.1 | 15.1 | | | |
| | .77 | .74 | .75 | | | | 13.6 | | 14.3 | 14.1 | | | |
| | .80 | .79 | .81 | | | | 14.6 | | 14.6 | 13.4 | | | |
| | .74 | | | | | | 16.1 | | 14.7 | | | | |
| | .77 | | | | | | | | | | | | |
| | -3.764 | .782 | 5 .780 | -.016 | +.002 | | -16 13.88 | 13.60 | 6 14.72 | 14.30 | -.84 | -1.12 | -.42 |
| | - 28 | - 19 | 5 801 | | | | + 19 | - 13 | 5 14.67 | - 37 | | | |
| | | | 7 792 17 13449 | | -3.791 | | | | 3 13.73 | | | | |
| | | | | | | | | | 6 13.69 | 20 | 500 | -16 | 14.25 |
| Dec. 13 | -4.04 | -3.99 | -4.00 | | | | -16 13.0 | 14.6 | 13.7 | 14.1 | | | |
| | .02 | | .03 | | | | 14.6 | 13.7 | 14.2 | 14.2 | | | |
| | .03 | | | | | | 15.0 | | 13.9 | | | | |
| | .03 | | | | | | | | | | | | |
| | -4.030 | -3.990 | 2 .015 | +.015 | -.025 | | -16 14.20 | 14.15 | 3 13.93 | 14.15 | +.27 | +.22 | +.22 |
| | - 28 | - 19 | 1 .009 | | | | + 16 | - 15 | 2 14.52 | - 37 | | | |
| | | | 4 058 7 271 | | -4.039 | | | | 2 14.30 | | | | |
| | | | | | | | | | 3 14.04 | 10 | 155 | -16 | 14.15 |
| Dec. 14 | -4.53 | .48 | .61 | | | | -16 12.5 | 15.2 | 14.0 | | | | |
| | | .51 | | | | | | 14.3 | | | | | |
| | -4.530 | .495 | 1 .610 | -.080 | -.115 | | -16 12.50 | 14.35 | 1 14.00 | | | | |
| | - 28 | - 19 | 1 514 | | | | + 18 | - 10 | 2 14.85 | - 34 | | | |
| | | | 1 558 3 1682 | | -4.561 | | | | 1 12.32 | 4 | .02 | -16 | 14.00 |
| Dec. 15 | -4.94 .94 | .98 2 .92 | | | | | -16 15.0 | 13.8 | 14.5 | 15.1 | | | |
| | | -5.06 .02 | | | | | | 13.4 | | 12.9 | | | |
| | -4.940 | -5.060 | | | | | -16 15.00 | 13.60 | 1 14.50 | 14.00 | +.50 | -.90 | -.50 |
| | - 28 | - 19 | 2 4.981 | | | | + 98 | - 9 | 2 14.34 | - 34 | | | |
| | | | 1 968 3 056 | | -5.004 | | | | 2 13.69 | | | | |
| | | | | | 4.979 | | | | 1 14.82 | 6 | 138 | -16 | 14.23 |
| | | | | | - 4.979 | | | | | | | | |
| Dec. 18 | -6 | .42 .42 | .42 .42 | | | | -16 | 11.8 | 11.4 | | | | |
| | | .38 .38 | | | | | | 13.0 | | | | | |
| | -6 .77 | .400 | 1 .420 | | -.020 | | -16 | 12.40 | 1 11.40 | | +1.00 | +1.00 | |
| | - 28 | - 18 | 2 418 3 56 | | -6.419 | | + 20 | - 6 | 2 12.46 | - 35 | | | |
| | | | | | -6.419 | | | | | 3 | 32 | -16 | 12.11 |

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| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +.191 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | | | | |
| 1876 | 1 | 2 | Zenith Group | z−1 | z−2 | | 1 | 2 | Zenith Group | 3 | z′−1 | z′−2 | z′−3 | | | |
| Jan. 10 | −14.95 .96 | −15.00 .01 | .97 .99 | | | | +2.1.20 | 2.7 | 2.3 | 3.2 | | | | | | |
| | .98 .98 | −14.96 .96 | .94 .96 | | | | 1.8 | 2.6 | 0.7 | | | | | | | |
| | | .97 .95 | 15 05 .99 | | | | | 2.5 | 3.2 | | | | | | | |
| | | −15.01 .00 | 14.99 .06 | | | | | 2.9 | 1.8 | | | | | | | |
| | | .00 .99 | 15.06 .96 | | | | | 2.2 | 2.7 | | | | | | | |
| | | −14.96 .95 | −14.96 .94 | | | | | 2.2 | 2.6 | | | | | | | |
| | | | .95 | | | | | | 2.4 | | | | | | | |
| | −14.965 | 14.983 | 7 .989 | −.024 | −.006 | | +2 1.90 | 2.52 | 7 2.24 | 3.20 | +.34 | −.28 | −.96 | | | |
| | 22 | − 7 | 6 .990 | | | | + 2.1 | + 1 | 1 2.69 | − 51 | | | | | | |
| | .970 | .977 | 2 .987 | 15 1337 | −14.989 | | | | 6 2.53 | | | | | | | |
| | | | | | | | | | 2 2.11 | 16 | 577 | +2 | 2.36 | | | |
| Jan. 10 | | | 6 .983 | | | | | | − | 10.6 | | | | | | |
| | .06 | " | 6 .984 | | | | | | | | | | | | | |
| | | | 2 .992 | 14 1186 | −14.985 | | | | | No 5 | | | | | | |
| Jan 11 | −15.08 .08 | −15.10 .09 | .10 .09 | | | | +2 4.3 | 2.2 | 4.2 | 3.2 | | | | | | |
| | .06 .06 | .09 .09 | .04 .03 | | | | 4.2 | 3.3 | 2.9 | 3.4 | | | | | | |
| | | .09 .09 | .02 .02 | | | | | 4.3 | | | | | | | | |
| | | .10 .11 | | | | | | 5.3 | | | | | | | | |
| | | .04 .04 | | | | | | 4.8 | | | | | | | | |
| | | .10 .11 | | | | | | 4.1 | | Dec 1876 | | | | | | |
| | | −14.98 .99 | | | | | | 4.6 | | | | | | | | |
| | | | | | | | | 4.8 | | | | | | | | |
| | −15.070 | .071 | 3 .053 | +.017 | +.018 | | +2 4.25 | 4.18 | 2 3.55 | 3.30 | −.70 | −.63 | +.25 | | | |
| | − 22 | − 6 | 7 .077 | | | | + 22 | + 1 | 2 2.79 | − 51 | | | | | | |
| | | | 2 .092 | 12 882 | −15.073 | | | | 8 4.19 | | | | | | | |
| | .070 | .073 | | | | | | | 2 4.47 | 14 | 894 | +2 | 3.621 | | | |
| | | | 3 .047 | | | | | | | | | | 3.84 | | | |
| Jan 11 | | | 7 .079 | | | | | | | 3.9 | | | | | | |
| | | | 2 .092 | 12.878 | −15.074 | | | | | 3.90 | | | | | | |
| | | | | | | | | | | − 51 | | | | | | |
| | | | | | | | | | | 1 | 39 | +2 | 3.34 | | | |
| Jan 12 | −15.38 | .12 | .36 | | | | +2 3.3 | 5.0 | 3.3 | 2.9 | | | | | | |
| | .39 | .34 | .34 | | | | 4.0 | 5.1 | | 3.9 | | | | | | |
| | .43 | .39 | | | | | 4.0 | 4.3 | | 4.9 | | | | | | |
| | | .36 | | | | | | 3.1 | | | | | | | | |
| | −15.400 | .378 | 2 .350 | +.050 | +.028 | | +2 3.77 | 4.38 | 1 3.30 | 3.90 | −.47 | −1.08 | +.60 | | | |
| | − 22 | − 5 | 4 .383 | | | | + 2.3 | + 1 | 8 3.39 | − 51 | | | | | | |
| | | | 3 .422 | 9 3498 | −15.388 | | | | 4 4.39 | | | | | | | |
| 12 | | | | | | | | | 3 4.00 | 11 | 1003 | +2 | 3.91 | | | |
| | | | | | | | 3.80 | | | | | 2 | 4.63 | | | |
| Jan 13 | −15.77 .75 | .78 .80 | .72 .72 | | | | +2 2.9 | 4.9 | 3.9 | 4.1 | | | | | | |
| | | .73 .73 | | | | | | 3.8 | | 3.6 | | | | | | |
| | | | | | | | | | | 4.1 | | | | | | |
| | −15.770 | .755 | 1 .720 | +.050 | +.035 | | +2 2.90 | 4.35 | 1 3.90 | 3.93 | +1.00 | −.45 | −.03 | | | |
| | − 22 | − 5 | 2 .760 | | | | + 23 | + 1 | 3 3.42 | − 51 | | | | | | |
| | .750 | .765 | 1 .792 | 4 232 | −15.758 | | | | 2 4.36 | | | | | | | |
| | | | | | | | | | 1 3.13 | 7 | 501 | +2 | 3.72 | | | |
| | | | 1 .720 | | | | | | | | | | | | | |
| | | | 2 .770 | | | | | | | | | | | | | |
| | | | 1 .772 | 4 232 | 15.758 | | | | | | | | | | | |
| Jan 13 | | 78 | | | | | +2 | 4.8 | | 6.8 | | | | | | |
| | | 61 | | | | | | 6.1 | | | | | | | | |
| | | | | | | | +2 | 5.45 | | 6.80 | | | | | | |
| | | | | | | | + 23 | + 1 | 1 6.29 | − 51 | | | | | | |
| | | | | | | | | | 2 5.46 | 3 | 221 | +2 | 5.74 | | | |
| Jan 18 | −18 | .54 | | | | | +2 | 3.4 | | | | | | | | |
| | −18 | .540 | | | | | +2 | 3.40 | | | | | | | | |
| | − 22 | − 4 | 1 .544 | | (−18.5444) | | + 22 | + 2 | 3.42 | − 52 | | | | | | |
| | | | | | | | | | | 1 | 142 | +2 | 3.42 | | | |
| Jan 19 | −18 | .79 | | | | | +2 | 3.4 | | | | | | | | |
| | | .79 | | | | | | 3.8 | | | | | | | | |
| | −18 | .790 | | | | | +2 | 3.60 | 4 | | | | | | | |
| | − 22 | − 94 | 2 .794 | | (−18.794) | | + 24 | + 2 | + 3.62 | − 52 | | | | | | |
| | | | | | | | | | | 2 | 124 | +2 | 3.62 | | | |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | | |
| Jan 20 | 1 | 1 | 1 | | | | +2 3.4 | 4.0 | 3.4 | 5.6 | | | |
| | -18.91 | .90 | .89 | | | | | 3.5 | 3.9 | 5.9 | | | |
| | .95 | .91 | .92 | | | | | 4.5 | 4.0 | 5.2 | | | |
| | .88 | .93 | .85 | | | | | 3.8 | 4.8 | | | | |
| | | .90 | .89 | | | | | 4.0 | 4.2 | | | | |
| | | | .94 | | | | | | | | | | |
| | | | .96 | | | | | | | | | | |
| | -18.913 | .910 | 6 .908 | +.005 | +.002 | | +2 4.17 | 3.96 | 5 4.06 | 4.57 | -.11 | +.10 | -.57 |
| | - 22 | - 73 | 4 .913 | | | | + 24 | + 2 | 3 4.05 | - 52 | | | |
| | | | 3 .935 13 | 205 | -18.915 | | | | 5 3.98 | | | | |
| | | | | | | | | | 3 4.11 | 16 | 158 | +2 | 4.10 |
| Jan. 20 | | | | | | | | 4.1 | | | | | |
| | | | | | | | | 4.10 | | | | | |
| | | | | | | | | + 2 | 4.12 | | | | 4.12 |
| | | | | | | | | | | 1 | 12 | | 4.12 |
| Jan. 24 | -20 | .69 | | | | | +2 | - 7.1 | | 6.8 | | | |
| | | .62 | | | | | | | | | | | |
| | -20 | .655 | | | | | +2 | 7.10 | | 6.80 | | | |
| | - 22 | - 73 | 2 .658 | | (-20.658) | | + 24 | + 2 | 1 6.28 | - 52 | | | |
| | | | | | | | | | 1 7.12 | 2 | 140 | +2 | 6.70 |
| Jan. 25 | -20.94 | -21.02 | | | | | +2 2.8 | 3.1 | | 4.0 | | | |
| | -20.940 | -21.020 | | | | | +2 2.80 | 3.10 | | 4.00 | | | |
| | - 22 | - 73 | 1 21023 | | | | + 24 | + 2 | 1 3.47 | - 53 | | | |
| | | | 1 20962 2 | 1985 | (-20.992) | | | | 1 3.12 | | | | |
| | | | | | | | | | 1 3.04 | 3 | 63 | +2 | 3.21 |
| Jan. 26 | -21.19 | .15 | .24 | | | | +2 3.2 | 5.2 | 4.2 | 4.8 | | | |
| | .17 | .12 | .11 | | | | 5.1 | 4.0 | 4.8 | 6.6 | | | |
| | | .22 | .15 | | | | 6.4 | 5.8 | 3.1 | | | | |
| | | | .16 | | | | | | 4.6 | | | | |
| | -21.180 | .163 | 4 .165 | +.015 | -.002 | | +2 4.90 | 5.00 | 4 4.45 18 | 5.70 | -.47 | -.57 | -1.27 |
| | - 22 | - 2 | 3 165 | | | | + 24 | + 2 | 2 5.17 | - 53 | | | |
| | | | 2 202 9 | 1559 | -21.173 | | | | 3 5.02 | | | | |
| | | | | | | | | | 3 5.14 | 12 | 1451 5754 | +2 | 4.88 80 |
| Jan. 27 | -21.54 | .67 | .67 | | | | +2 3.4 | 4.4 | 4.2 | 4.8 | | | |
| | .55 | | | | | | 5.6 | | | | | | |
| | .56 | | | | | | 6.0 | | | | | | |
| | .63 | | | | | | 4.9 | | | | | | |
| | -21.570 | .670 | 1 .670 | -.100 | +.000 | | +2 4.98 | 4.40 | 1 4.20 | 4.80 | -.78 | -.20 | -.60 |
| | - 23 | - 2 | 1 672 | | | | + 24 | + 2 | 1 4.27 | - 53 | | | |
| | | | | | | | | | 1 4.42 | | | | |
| | | | 4 593 6 | 3714 | -21.619 | | | | 4 5.22 | 7 | 577 | +2 | 4.82 |
| Jan. 27 | | | | | | | | | | | | | |
| | | | | | | | +2 | 4.1 | | 3.5 | | | |
| | | | | | | | | 4.6 | | | | | |
| | | | | | | | +2 | 4.35 | | 3.50 | | | |
| | | | | | | | + 24 | + 2 | 1 2.97 | - 53 | | | |
| | | | | | | | | | 2 4.37 | 3 | 271 | +2 | 3.90 |
| Jan 31 | -23.12 .16 | .22 .23 | .20 .22 | | | | +2 2.7 | 3.9 | 3.8 | | | | |
| | | .19 .15 | .18 .18 | | | | | 4.5 | 3.9 | | | | |
| | | | .15 .13 | | | | | | 6.5 | | | | |
| | | | .12 | | | 3 .177 | | | 4.0 | | | | |
| | | | .21 | | | 2 .192 | | | | | | | |
| | -23.120 | .205 | 5 .172 | -.052 | +.033 | 1 .183 | +2 2.70 | 4.20 | 4 4.55 | | +1.85 | +.35 | |
| | - 23 | - 2 | 2 207 | | | 6 498 | + 23 | + 2 | 2 4.22 | - 52 | | | |
| | .160 | .190 | 1 143 8 | 1417 | -23.177 | | | | 1 2.93 | 7 | 157 | +2 | 4.22 |
| Feb. 2 | -23.48 | .82 | .76 | | -23.183 | | +2 4.8 | 4.2 | 5.2 | 5.8 | | | |
| | .88 | .84 | .78 | | | | 2.4 | 4.1 | 5.5 | | | | |
| | .86 | .92 | .83 | | | | 3.0 | 3.8 | 4.9 | | | | |
| | | | .84 | | | | | | 5.1 | | | | |
| | | | .83 | | | | | | 4.4 | | | | |
| | -23.840 | .860 | 5 .808 | -.008 | +.012 | | +2 3.40 | 4.05 | 5 5.02 | 5.80 | +1.62 | +.97 | - |
| | - 23 | - 2 | 3 862 | | | | + 23 | + 2 | 1 5.27 | - 53 | | | |
| | | | 3 863 11 | 553 | 23.858 28 | | | | 3 4.07 | | | | |
| | | | | | | | | | 3 3.63 | 12 | 547 | +2 | 4.46 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 Feb 2 | | | | | | | +2 4.8 | | 7.4 | | | | |
| | | | | | | | +2 4.80 | | 1 7.40 | | +2.60 | | |
| | | | | | | | + 23 | + 2 | 1 5.03 | - 53 | | | |
| | | | | | | | | | | 2° | 43 | +2 | 6.21 |
| Feb 7 | -26 | .88 .12 | | | | | +2 | 4.5 | | | | | |
| | -26 | 7.800 | 1 7.198 | | 7.798 | | | 5.2 | | | | | |
| | - 24 | - 2 | | | 26. | | +2 | 4.85 | | | | | |
| | | | | | | | + 20 | + 00 | 2 4.85 | - 53 | | | 4.85 |
| Feb 7 | +2 4.8 | | | | | | +2 | | 4.8 | | | | |
| | | | | | | | +2 | | 4.80 | | | +2 | 4.80 |
| Feb 8 | +27.02 | .02 | .92 | | | | +2 6.2 | 4.9 | 4.4 | 5.2 | | | |
| | .03 | .06 | .02 | | | | 4.5 | 5.2 | 4.4 | 5.0 | | | |
| | .00 | .03 | .02 | | | | 5.1 | 4.9 | 5.4 | | | | |
| | | | .12 | | | | | | 5.7 | | | | |
| | | | .04 | | | | | | 5.7 | | | | |
| | -27.017 | .055 | 5 .054 | -.039 | -.001 | | +2 5.27 | 5.00 | 5 5.12 | 5.10 | -.15 | +.12 | +02 |
| | - 24 | - 2 | 3 .057 | | -27.038 | | + 15 | - 1 | 2 4.56 | - 54 | | | |
| | | | 3 .041 | | | | | | 3 4.99 | | | | |
| Feb 15 | -29.54 | 29.55 | | | | | +2 | 5.3 | 3 5.42 | 13 | 95 | +2 | 5.07 |
| | -29.540 | .550 | 1 .1 | - .010 | | | | | | | | | |
| | - 25 | - 2 | 1 .552 | | | | *- .15 | - 87 | 5.23 | - 52 | | | |
| | | | 1 565 | 2 117 | -29.558 | | | | | 1, | 23 | +2 | 5.23 |
| Feb 16 | -29.65 | .70 | .62 | | | | +2 4.8 | 4.6 | 4.6 | 5.6 | | | |
| | .63 | .68 | | | | | 5.1 | 4.9 | | | | | |
| | .64 | | | | | | 5.0 | | | | | | |
| | -29.640 | .690 | 1 .620 | + .020 | +.070 | | +2 4.97 | 4.75 | 1 4.60 | 5.60 | -.37 | -.15 | -1.00 |
| | - 26 | - 3 | 2 693 | | | | - 22 | - 10 | 1 5.06 | - 52 | | | |
| | | | 3 666 | | -29.667 | | | | 2 4.65 | | | | |
| | | | | | | | | | 3 4.75 | 7 | 521 | +2 | 4.74 |
| Feb 16 | | | | | | | +2 | 5.5 | | 6.1 | | | |
| | | | | | | | +2 | 5.50 | | 6.10 | | | |
| | | | | | | | | 10 | 1 5.56 | - 54 | | | |
| | | | | | | | | | 1 5.40 | 2 | 96 | +2 | 5.48 |
| Feb 17 | -29.77 | .83 | .70 | | | | +2 4.9 | 35 | 3.5 | 5.4 | | | |
| | .79 | .76 | .79 | | | | 4.7 | 4.6 | 3.6 | 4.1 | | | |
| | .76 | .73 | .80 | | | | 5.0 | 5.2 | 4.9 | 4.9 | | | |
| | | .80 | .73 | | | | Rec 1876 | 5.8 | 5.5 | | | | |
| | | | .77 | | | | | 5.2 | 4.3 | | | | |
| | -29.773 | .780 | 5 .758 | +.015 | +.022 | | +2 4.87 | 5.20 | 5 4.36 | 4.80 | -.51 | -.84 | -.44 |
| | - 26 | - 3 | 4 .783 | | | | - 29 | - 15 | 3 4.26 | - 54 | | | |
| | | | 3 .799 | 12 919 | -29.776 | | | | 4 5.05 | | | | |
| | | | | | | | | | 3 4.58 | 15 | 852 | +2 | 4.57 |
| Feb 19 | -31 | .31 | | | | | +2 | 7.0 | 8.1 | 6.9 | | | |
| | | .25 | | | | | | 8.11 | | | | | |
| | -.30 | .280 | | | | | +2 | 7.70 | 1 8.10 | | | + .40 | |
| | - 27 | - 3 | 2 283 | | (-31.283) | | - 32 | - 17 | 2 7.53 | - 54 | | | |
| | | | | | | | | | 1 6.36 | 3 | 216 | +2 | 7.72 41 |
| Feb 20 | -30.39 | .43 | .40 | | | | +2 7.3 | 5.9 | 5.6 | 7.9 | | | |
| | .39 | .41 | | | | | 6.2 | 6.8 | | | | | |
| | | .39 | | | | | | 7.4 | | | | | |
| | | .40 | | | | | | 8.5 | | | | | |
| | -30.390 | .408 | 1 .400 | - .010 | +.018 | | +2 6.75 | 7.15 | 1 5.60 | 7.90 | -1.15 | -1.85 | -2.30 |
| | - 27 | - 3 | 4 .411 | | | | - 34 | - 20 | 1 7.35 | - 55 | | | |
| | | | 2 .417 | 7 78 | - 30.411 | | | 6.70 | 3 6.50 | | | | |
| | | | | | | | | | 2 6.41 | 8 | 567 | +2 | 6.70 47 |
| Feb 20 | | | | | | | +2 | 7.0 | 7.6 | 8.7 | | | |
| | | | | | | | +2 | 7.00 | 1 7.60 | 8.40 | | + .60 | -1.10 |
| | | | | | | | - 34 | - 20 | 1 8.15 | - 55 | | | |
| | | | | | | | | | 1 6.80 | 3 | 155 | +2 | 7.52 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | | |
| Feb 21 | -30.76 | .81 | .89 | | | | +2 | | 5.7 | | | | |
| | -30.760 | .810 | 1 .890 | -.130 | -.080 | | +2 | | 5.70 | | | +2 | 5.70 |
| | - 28 | - 3 | 1 .813 | | | | | | | | | | |
| | | | 1 788 3 91 | | -30.830 | | | | | | | | |
| Feb 22 | -31.36 | .43 | .40 | | | | +2 6.5 | 5.7 | 5.2 | 5.9 | | | |
| | .43 | .37 | | | | | 7.3 | 5.5 | 4.3 | 5.9 | | | |
| | 31 | .32 | | | | | 6.1 | 6.5 | | | | | |
| | .41 | .44 | | | | | 6.3 | 6.8 | | | | | |
| | -31.378 | .390 | 1 .400 | -.022 | -.010 | | +2 6.63 | 6.12 | 2 4.75 | 5.90 | -1.88 | -1.37 | -1.15 |
| | - 28 | - 3 | 4 .393 | | | | - 35 | - 24 | 2 5.35 | - 55 | | | |
| | | | 4 .406 9 3596 | | -31.400 | | | | 4 5.88 | | | | |
| | | | | | | | | | 1 6.28 | 12 | 884 | +2 | 5.74 |
| Feb 22 | | | | | | | +2 | 6.4 | 7.3 | | | | |
| | | | | | | | +2 | 6.40 | 1 7.30 | | | +.90 | |
| | | | | | | | - 35 | - 24 | 1 6.16 | - 55 | | | |
| | | | | | | | | | | 6 | 146 | +2 | 6.73 |
| Feb 23 | -31.69 | .67 | .70 | | | | +2 6.3 | 6.5 | 6.2 | 5.5 | | | |
| | .73 | .75 | .72 | | | | 4.0 | 3.9 | 6.8 | | | | |
| | .70 | .70 | | | | | 3.5 | 6.3 | | | | | |
| | -31.707 | .707 | 2 .710 | -.003 | -.003 | | +2 4.60 | 5.57 | 2 6.05 | 5.50 | +1.45 | +.48 | +.55 |
| | - 28 | - 3 | 3 .710 | | | | - 36 | - 26 | 1 4.95 | - 55 | | | |
| | | | 3 .735 8 155 | | -31.719 | | | | 3 5.31 | | | | |
| | | | | | | | | | 3 4.24 | 9 | 70 | +2 | 5.08 |
| Feb 29 | | | | | | | | 7.60 -.25 | | | | | 4.60 -.35 |
| Feb 29 | -34.60 | .86 | .92 | | | | +2 .71 | 4.1 | 6.0 | 5.4 | | | |
| | .89 | .90 | .94 | | | | .63 | 6.7 | 5.3 | 6.4 | | | |
| | | .91 | .95 | | | | | 6.3 | 5.4 | 5.8 | | | |
| | | .83 | .96 | | | | | 5.8 | 6.1 | 6.4 | | | |
| | | .86 | | | | | | 5.7 | | 7.7 | | | |
| | -34.815 | .872 | 4 .943 | -.198 | -.071 | | +2 6.70 | 5.72 | 4 5.70 | 6.34 | -1.07 | -.02 | -.64 |
| | - 29 | - 4 | 5 .876 | | | | - 38 | - 30 | 5 5.79 | - 55 | | | |
| | | | 2 .874 11 800 | | -34.875 900 | | | | 5 5.42 | | | | |
| | | | | | | | | | 2 6.32 | 16 | 1149 | +2 | 5.72 |
| Mar 4 | -.37 | | -37.85 | | | | +2 | | 6.6 | | | | |
| | | | -37.83 | | | | | | 4.7 | | | | |
| | -.37 | | 37.56 | | (37.840 .747) | | +2 | | 5.65 | | | | |
| | - 31 | - 6 | | | | | - 40 | - 40 | | - 55 | | +2 | 5.65 |
| | | | | | | | | | 6 | | | | |
| Mar 5 | -.38 | .03 | -37.96 | | | | +2 | 8.1 | 6.7 | 6.7 | | | |
| | | -37.94 | | | | | | 8.2 | | 7.1 | | | |
| | | .91 | | | | | | 7.8 | | | | | |
| | | .92 | | | | | | 7.3 | | | | | |
| | | .91 | | | | | | 6.0 | | | | | |
| | -.38 | -37.942 | 1 .960 | | -.018 | | +2 | 7.54 | 1 6.70 | 6.90 | -.84 | -.84 | -.20 |
| | - 31 | - 6 | 4 .948 5 252 | | -38.950 7 | | - 41 | - 42 | 2 6.35 | - 55 | | | |
| | | | | | | | | | 5 7.12 | 8 | 700 | +2 | 6.87 |
| Mar 6 | -38.44 | .49 | .48 | | | | +2 4.8 | 6.1 | 5.5 | 6.0 | | | |
| | .47 | .47 | .48 | | | | 8.8 | 8.7 | 4.9 | 5.5 | | | |
| | | .45 | .50 | | | | | 8.0 | 6.7 | 7.1 | | | |
| | | .48 | .54 | | | | | 7.5 | 7.5 | 7.3 | | | |
| | | .48 | .46 | | | | | 7.3 | 5.9 | | | | |
| | -38.465 | .474 | 5 .492 | -.037 | -.018 | | +2 6.80 | 7.52 | 5 6.10 | 6.48 | -.70 | -1.42 | -.38 |
| | - 31 | - 6 | 5 .480 | | | | - 41 | - 43 | 4 5.93 | - 55 | | | |
| | | | 2 .486 12 1032 | | -38.486 | | | | 5 7.09 | | | | |
| | | | | | | | | | 2 6.39 | 16 | 645 | +2 | 6.40 |
| Mar 6 | | 7 | | | | | | 7.0 | 6.5 | | | | |
| | | | | | | | | 7.00 | 1 6.50 | | | -.50 | |
| | | | | | | | | - 43 | 1 6.57 | 2 | 107 | +2 | 6.54 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1876 | − | | − 3 24 | | | | | | | | | | |
| Mary | −39.20 | 3 22 | 3 .21 | | | | +2 8.8 | 8.7 | 9.9 | 8.9 | | | |
| | .25 | .28 | .32 | | | | 7.9 | 8.9 | 8.7 | 9.4 | | | |
| | | .26 | .28 | | | | | 8.2 | 9.1 | 8.6 | | | |
| | | .25 | .30 | | | | | 9.7 | 8.9 | 8.4 | | | |
| | | .23 | .19 | | | | | 9.5 | 7.5 | 9.1 | | | |
| | | .27 | 7 | | | | | 8.8 | | | | | |
| | | | | | | | | 9.3 | | | | | |
| | −39.225 | .252 | 5 .260 | − .035 | −.008 | | +2 8.35 | 9.01 | 5 8.86 | 8.88 | +.51 | −.15 | −.02 |
| 1.15 | − 32 | − 7 | 6 .259 | | | | − 42 | − 44 | 5 8.33 | − 55 | | | |
| | | | 2 .257 13 | 768 | −39.259 | | | | 7 8.57 | | | | |
| | | | | | | | | | 2 7.93 | 19 | 980 | +2 | 8.52 |
| Mar 13 | −41.86 | .78 | .83 | | | | +2 7.8 | 6.9 | 7.2 | | | | |
| | .85 | .84 | .83 | | | | 6.4 | 7.2 | 7.0 | | | | |
| | | .80 | | | | | 5.9 | 8.3 | | | | | |
| | | | | | | | 7.1 | 8.1 | | | | | |
| | | | | | | | 9.4 | | | | | | |
| | −41.855 | .807 | 2 .830 | +.025 | −.023 | | +2 7.32 | 7.63 | 2 7.10 | | −.22 | −.53 | |
| | − 33 | − 8 | 3 .815 | | | | − 44 | − 47 | 4 7.16 | − 55 | | | |
| Mar 13 | | | 2 .888 7 | 281 | −41.840 | | | | 5 6.88 | 11 | 24 | +2 | 7.02 |
| | | | | | | | | | 7.6 | | | | 7.60 |
| Mar 14 | −42.31 | .32 | .33 | | | | +2 9.8 | 7.5 | 7.6 | 8.7 | | | |
| | .28 | .28 | .33 | | | | 7.4 | 7.6 | 7.7 | 7.1 | | | |
| | .30 | .35 | .34 | | | | 6.9 | 7.9 | 7.2 | 7.5 | | | |
| .55 | .34 | .33 | .32 | | | | | 8.8 | | 7.9 | | | |
| | | .38 | | | | | | 8.1 | | | | | |
| | −42.308 | .352 | 4 .330 | −.022 | +.022 | | +2 8.03 | 7.98 | 3 7.50 | 7.80 | −.53 | −.48 | −.30 |
| | − 33 | − 8 | 5 .360 | | | | − 44 | − 47 | 4 7.25 | − 55 | | | |
| | | | 4 .341 13 | 584 | −42.345 | | | | 5 7.51 | | | | |
| 25 | | | | | | | | | 3 7.59 | 15 | 682 | +2 | 7.45 |
| Mar 14 | −42.56 | | .69 | | | | +2 7.6 | | 8.6 | | | | |
| | | | .69 | | | | | | | | | | |
| | −42.560 | | 2 .690 | −.130 | | | +2 7.60 | | 1 8.60 | | +1.00 | | |
| | − 33 | − 8 | 1 .593 3 | 1973 | (−42.658) | | − 44 | | 1 7.16 | 2 | 176 | +2 | 7.88 |
| .64 | | | | | | | | | | | | | |
| Mar 15 | −42.90 | .95 | .91 | | | | +2 8.5 | .91 | 7.3 | 8.0 | | | |
| | .88 | .90 | .91 | | | | 8.1 | 9.3 | 6.5 | 8.0 | | | |
| | | .93 | | | | | | 7.5 | | | | | |
| | | .83 | | | | | | 7.3 | | | | | |
| | | .90 | | | | | | | | | | | |
| | −42.890 | .902 | 2 .910 | −.020 | −.008 | | +2 8.30 | 8.30 | 2 6.90 | 8.00 | −1.40 | −1.40 | −1.10 |
| | − 33 | − 8 | 5 .910 | | | | − 45 | − 49 | 2 7.45 | − 55 | | | |
| | | | 2 .923 9 | 116 | −42.913 | | | | 4 7.81 | | | | |
| | | | | | | | | | 2 7.85 | 10 | 564 | +2 | 7.56 |
| Mar 18 | −43.68 | .71 | | | | | +2 7.2 | 7.9 | | 10.2 | | | |
| | | .62 | | | | | | 7.5 | | 8.7 | | | |
| | | | | | | | | | | 7.6 | | | |
| | −43.680 | .665 | 2 .675 | | | | +2 7.20 | 7.70 | | 9.50 | | | |
| | − 34 | − 10 | 1 .714 3 | 2064 | −43.688 | | − 45 | − 49 | 3 8.95 | − 55 | | | |
| | | | | | | | | | 2 7.21 | | | | |
| .20 | | | | | | | | | 1 6.75 | 6 | 02 | +2 | 8.02 |
| Mar 19 | −44.07 .09 | .16 .15 | .09 .10 | | | | +2 10.2 | 8.3 | 8.4 | 8.1 | | | |
| | .06 .08 | .10 .09 | .22 .13 | | | | 9.6 | 9.0 | 8.7 | 7.8 | | | |
| | .09 .10 | | .14 .02 | | | | 9.0 | | 7.2 | 7.8 | | | |
| | .15 .15 | | .03 | | | | 9.2 | | 7.6 | 7.8 | | | |
| | .05 .04 | | | | | | 8.0 | | | | | | |
| .38 | −44.084 | .130 | 4 .120 | −.036 | +.010 | | +2 9.20 | 8.65 | 4 7.98 | 7.88 | −1.22 | −.67 | +.10 |
| | − 34 | − 10 | 2 .140 | | | | − 46 | − 50 | 4 7.33 | − 55 | | | |
| | .092 | .120 | 5 .118 | | | | | | 2 8.15 | | | | |
| | | | 4 | | 44.123 | | | | 5 8.74 | 15 | 121 | +2 | 8.08 |
| Mar 19 | −44 | | 3 .083 | | | | +2 | | 9.1 | 8.3 | | | |
| | | | 2 .130 | | | | +2 | | 1 9.10 | 8.30 | | | +.80 |
| | | | 5 .126 | 10 1139 | −44.114 | | | | 1 7.75 | − 55 | | | |
| | | | | | | | | | | 2 | 85 | +2 | 8.42 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1876 | | | | | | | | | | | | | |
| Mar. 21 | -45.16 | -45.20 | .23 | | | | +2 7.41 | 5.3 | 7.8 | 7.9 | | | |
| | .16 | .17 | .12 | | | | | 8.4 | 7.6 | 6.2 | | | |
| | .19 | | .18 | | | | | 7.7 | 6.4 | | | | |
| | .16 | | | | | | | | 6.4 | | | | |
| | -45.170 | -45.185 | 3 .177 | −.007 | +.008 | | +2 7.40 | 7.13 | 4 7.05 | 7.05 | −.35 | −.08 | +.00 |
| | − 36 | − 12 | 2 .197 | | | | − 47 | − 50 | 2 6.50 | − 55 | | | |
| | | | 3 .206 | 8 1543 | -45.193 | | | | 3 6.63 | | | | |
| | | | | | | | | | 1 6.93 | 10 | 802 | +2 | 6.80 |
| Mar. 22 | -46.980 | | .62 | | | | +2 8.2 | | | | | | |
| | -.36 | | .66 | | -46.774 | | +2 8.20 | | | | | | |
| | .56 | | | | .016 | | − 47 | | 1 7.73 | | | | |
| | .56 | | | | | | | | | 1 | 73 | +2 | 7.73 |
| Mar. 22 | -46.56 | | .62 | | | | +2 7.5 | 7.6 | 7.5 | 8.7 | | | |
| | .56 | | .66 | | | | 7.2 | 7.5 | 7.5 | | | | |
| | .56 | | | | | | | 7.2 | | | | | |
| | -46.560 | | 2 .640 | −.080 | | | +2 7.35 | 7.60 | 2 7.50 | 8.70 | +.15 | −.10 | -1.20 |
| | − 36 | − 12 | 3 .596 | 5 3068 | (-46.614) | | − 47 | − 51 | 1 8.15 | − 55 | | | |
| | | | | | | | | | 1 7.09 | | | | |
| | | | | | | | | | 2 6.88 | 6 | 200 | +2 | 7.33 |
| Mar. 27 | -48.97 | | | | | | +2 8.9 | | | | | | |
| | -48.970 | | | | | | +2 8.90 | | | | | | |
| | − 37 | − 17 | 1 .49007 | | -49.007 | | − 48 | −.51 | 1 8.42 | − 55 | | | |
| | | | | | | | | | | 1 | 42 | | 8.42 |
| Mar. 27 | -49 | | .39 | | | | +2 ~~8.9~~ | | 5.0 | | | | |
| | | | .47 | | | | | | 6.4 | | | | |
| | -49 | | 2 .430 | | (-49.430) | | +2 | | 2 6.70 | 2 | 140 | +2 | 5.70 |
| | − 37 | − 17 | | | | | | | | | | | |
| Mar. 29 | -50.10 | .11 | .13 | | | | +2 7.0 | 6.7 | 8.1 | 7.9 | | | |
| | .08 | .08 | .15 | | | | 6.8 | 7.8 | 6.7 | 8.0 | | | |
| | | .01 | .03 | | | | | 6.6 | 7.3 | | | | |
| | | | .02 | | | | | | 8.4 | | | | |
| | -50.090 | .067 | 4 .082 | +.008 | −.015 | | +2 6.90 | 7.05 | 4 7.62 | 7.95 | +.72 | +.57 | −.33 |
| | − 37 | − 18 | 3 .085 | | | | − 48 | − 51 | 2 7.40 | − 55 | | | |
| | | | 2 127 9 837 | | -50.093 | | | | 3 6.54 | | | | |
| | | | | | | | | | 2 6.42 | 11 | 74 | +2 | 7.07 |
| Mar 29 | -50.19 | | .26 | | | | +2 5.3 | 6.0 | 4.5 | 7.9 | | | |
| | .32 | | | | | | | | | | | | |
| | -50.255 | | 1 .260 | −.005 | | | +2 5.30 | 6.00 | 1 4.50 | 7.90 | − | | |
| | − 37 | − 18 | 2 .292 3 244 | | (-50.281) | | − 48 | − 51 | 1 7.35 | − 55 | | | |
| | | | | | | | | | 1 5.49 | | | | |
| | | | | | | | | | 1 4.82 | 4 | 216 | +2 | 5.54 |
| Mar. 30 | -50.44 | .42 | .31 | | | | +2 8.4 | 7.7 | 6.8 | 4.89 | | | |
| | .37 | .40 | .45 | | | | 5.9 | 7.3 | 6.6 | 8.4 | | | |
| | | .40 | .44 | | | | | 7.6 | 5.7 | 8.2 | | | |
| | | .40 | .45 | | | | | 8.1 | 6.8 | 8.0 | | | |
| | | .37 | | | | | | | | 8.5 | | | |
| | -50.1105 | .398 | 4 .412 | −.007 | −.0114 | | +2 7.15 | 7.68 | 4 6.48 | 8.20 | −.67 | −1.20 | |
| | − 37 | − 21 | 5 .419 | | | | − 48 | − 51 | 4 7.17 | − 55 | | | |
| | | | 2 .412 11 227 | | -50.421 | | | | 2 6.67 | 11 | 794 | +2 | 711 |
| | | | | | | | | | (6) 7.6 | 16 | 1134 | | ~~6.70~~ |
| Mar 30 | -50.57 | | | | | | +2 7.0 | | | | | | |
| | .54 | | | | | | 7.3 | | | | | | |
| | -50.555 | | | | | | +2 7.15 | | | | | | |
| | − 37 | − 21 | 2 .592 | | (-50.592) | | − 48 | | | | | | 6.67 |

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| | 1 | 2 | Zenith Groups | z-1 | z-2 | 1 | 2 | Zenith Groups | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 +.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Apr. 2 | -57.85 .83 | .87 .85 | .85 .84 | | | +2 9.3 | 9.0 | 7.8 | 6.1 | | | |
| | .91 .90 | .92 .90 | .92 .91 | | | 9.9 | 10.1 | 8.3 | 9.1 | | | |
| | .89 .89 | .87 .86 | .90 .90 | | | 7.2 | 8.7 | 6.6 | 9.0 | | | |
| | .85 .85 | .90 .90 | .88 .88 | | | 8.7 | 9.2 | 7.3 | 8.7 | | | |
| | .85 .85 | .91 .92 | .88 .89 | | | 7.3 | 8.0 | 8.5 | 9.8 | | | |
| | .90 .91 | .92 .93 | .88 .89 | | | 7.9 | 10.2 | 6.8 | | | | |
| | | .85 .86 | .85 .86 | | | | 8.2 | 7.8 | | | | |
| | | .86 .87 | .93 .94 | | | | 8.5 | 7.3 | | | | |
| | -51.875 .888 | | 8 .886 | -.011 | +.002 | +2 8.38 | 8.99 | 8 7.55 | 8.54 | -.83 | -1.44 | -.99 |
| | - 38 - 26 | | 8 .914 | | | - 49 - | 52 | 5 4.99 - | 55 | | | |
| | | | 6 .913 22 | 78 | -51.903 | | | 8 8.47 | | | | |
| | .872 | .886 | | | | | | 6 7.89 | 27 | 2645 | +2 | 7.98 |
| | | | 8 .889 | | | | | | | | | |
| | | | 8 .912 | | | | | | | | | |
| Apr. 6 | -54.35 .46 | | 6 .910 | 22 68 | -51.903 | | | | | | | |
| | .40 .32 | | .40 .39 | | | +2 7.7 | 7.8 | 6.8 | 8.5 | | | |
| | .43 .42 | | .30 | | | 8.9 | 8.0 | 6.6 | | | | |
| | .40 | | .29 | | | 7.9 | 8.7 | 7.2 | | | | |
| | | | .37 | | | 8.4 | | 7.9 | | | | |
| | | | .36 | | | | | 7.6 | | | | |
| | | | | | | | | 8.2 | | | | |
| | -54.395 .400 | | 6 .352 | +.043 | +.048 | +2 8.23 | 8.17 | 6 7.38 | 8.50 | -.85 | -.79 | -1.12 |
| | - 39 - 30 | | 3 .430 | | | - 50 - | 52 | 1 7.95 - | 55 | | | |
| | | | 4 .434 13 | 5138 | -54.395 | | | 3 7.65 | | | | |
| | | | | | | | | 4 7.73 | 14 | 810 | +2 | 7.58 |
| Apr. 9 | -55.99 -56.01 | | .97 | | | +2 10.4 | 7.6 | 8.6 | 9.5 | | | |
| | 56.04 55.98 | | .96 | | | 6.7 | 8.6 | 9.4 | 8.8 | | | |
| | 55.98 .98 | | -56.02 | | | 9.5 | 9.7 | 8.7 | 8.7 | | | |
| | 56.06 56.03 | | .00 | | | 8.2 | 9.7 | 7.9 | 10.1 | | | |
| | .01 | | .08 | | | 9.1 | | 8.6 | | | | |
| | .31 | | .01 | | | | | 7.6 | | | | |
| | | | 55.96 | | | | | 9.1 | | | | |
| | | | 56.01 | | | | | 9.0 | | | | |
| | -56.016 56.000 | | 8 .001 | +.015 | -.001 | +2 9.18 | 8.90 | 8 8.61 | 9.28 | -.57 | -.29 | -.67 |
| | - 40 - 32 | | 4 .032 | | | - 51 - | 52 | 4 8.73 - | 55 | | | |
| | | | 5 .056 17 | 416 | -56.024 | | | 4 8.38 | | | | |
| | | | | | | | | 5 8.67 | 21 | 1267 | +2 | 8.60 |
| Apr 9 | -56.31 | | | | | +2 7.3 | | | | | | |
| | .30 | | | | | 7.5 | | | | | | |
| | -56.305 | | | | | +2 7.40 | | | | | | |
| | - 40 - 32 | | 2 .345 | | (-56.345) | - 51 | | | | | | |
| | | | | | | | | 2 6.89 | | | +2 | 6.89 |
| Apr. 10 | -56.57 .62 | | .65 | | | +2 9.7 | 10.2 | 9.2 | | | | |
| | .62 | | .66 | | | | 10.0 | 9.4 | | | | |
| | .57 | | .59 | | | | 10.2 | 9.5 | | | | |
| | .63 | | .69 | | | | 9.9 | 9.8 | | | | |
| | | | .65 | | | | | 9.8 | | | | |
| | -56.570 .610 | | 5 .648 | -.078 | -.038 | +2 9.70 | 10.08 | 5 9.54 | | -.16 | -.54 | |
| | - 40 - 32 | | 4 .642 | | | - 51 - | 52 | 4 9.56 - | 55 | | | |
| | | | 1 .610 10 | 418 | -56.642 | | | 1 9.19 | 10 | 513 | +2 | 9.51 |
| Apr 10 | -56.91 | | .96 | | | +2 8.6 | 8.4 | 8.8 | | | | |
| | .91 | | | | | | | | | | | |
| | -56.910 | | 1 .960 | -.050 | | +2 8.60 | 8.40 | 1 8.80 | | +.20 | +.40 | |
| | - 40 - 32 | | 2 .950 3 | 418 | (-56.953) | - 51 - | 52 | 1 7.88 - | 55 | | | |
| | | | | | | | | 1 8.09 | 3 | 77 | +2 | 8.26 |
| Apr 11 | -57.14 .22 | | .25 | | | +2 11.4 | 10.5 | 8.9 | 9.9 | | | |
| | .16 .20 | | .29 | | | 10.5 | 10.3 | 8.7 | 8.5 | | | |
| | .19 | | .31 | | | | 11.3 | 10.7 | 11.2 | | | |
| | | | | | | | | | 10.6 | | | |
| | -57.165 .204 | | 3 .283 | -.118 | +.079 | +2 10.95 | 10.70 | 3 9.43 | 10.15 | -1.52 | -1.27 | -.72 |
| | - 41 - 33 | | 3 .237 | | | - 51 - | 52 | 4 9.60 - | 55 | | | |
| | | | 2 .206 8 | 372 | -57.246 | | | 3 10.18 | | | | |
| Apr. 11 | -57.44 | | | | | +2 10.8 | 10.7 | 2 10.44 | 12 | 311 | +2 | 9.84 |
| | .43 | | | | | | | | | | | |
| | -57.435 | | | | | +2 10.80 | 10.70 | | | | | |
| | - 41 - 33 | | 2 .476 | | (-57.476) | - 51 | 52 | | | | | |
| | | | | | | 10.28 | 10.18 | | | | | 10.21 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +.691 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | | |
| Apr 17 | -60.58 | .56 | .69 | | | | +2 16.0 | 12.0 | 12.9 | | | | |
| | .64 | | | | | | 13.0 | 13.6 | | | | | |
| | .65 | | | | | | | | | | | | |
| | -60.635 | .560 | 1 .690 | -.055 | -.130 | | +2 14.50 | 12.80 | 1 12.90 | -.60 +.10 | 1.60 | +.10 | |
| | - 43 | - 34 | 1 .594 | | | | - 52 | - 53 | 2 12.27 | - 55 | | | |
| | | | 3 .678 5 | 3318 | (-60.664) | | | | 2 13.98 | 5 | 40 | +2 | 13.08 |
| Apr 20 | -62.55 | .54 | .69 | | | | +2 14.4 | 15.4 | 14.6 | | | | |
| | | | .66 | | | | | | 14.5 | | | | |
| | | | .68 | | | | | | 14.8 | | | | |
| | -62.550 | .590 | 3 .677 | -.127 | -.087 | | +2 14.40 | 15.40 | 3 14.63 | +.23 -.77 | +.23 | -.77 | |
| | - 43 | - 34 | 1 624 | | | | - 52 | - 53 | 1 14.87 | - 55 | | | |
| | | | 1 5935 | 3248 | -62.619 | | | | 1 13.88 | 5 | 264 | +2 | 14.53 |
| May 1 | -69.37 | .37 | .39 | | | | +2 16.5 | 16.6 | 16.41 | 16.7 | | | |
| | .40 | .42 | .40 | | | | 16.1 | 16.1 | 15.8 | 16.1 | | | |
| | .37 | .38 | .41 | | | | 16.4 | 15.1 | 16.1 | 16.1 | | | |
| | | | .42 | | | | | 16.0 | 15.0 | | | | |
| | -69.380 | .390 | 4 .405 | -.025 | -.015 | | | 16.1 | | | | | |
| | - 45 | - 35 | 3 425 | | | | +2 16.33 | 15.98 | 4 15.82 | 16.30 | -.57 | -.16 | -.48 |
| | | | 3 425 10 | 170 | -69.417 | | - 53 | - 53 | 3 15.75 | - 55 | | | |
| | | | | | | | | | 5 15.45 | | | | |
| | | | | | | | | | 3 15.80 | 15 | 1018 | +2 | 15.68 |
| May 1 | -69 | | .58 | | | | | | 14.2 | | | | |
| | -69 | | 1 .580 | | (-69.580) | | | | 14.20 | | | | 14.20 |
| | - | | | | | | | | | | | | |
| May 3 | -71 | .81 | .82 | | | | +2 | 16.9 | 14.6 | 13.5 | | | |
| | -71 | .810 | 1 .820 | | -.010 | | +2 | 16.90 | 1 14.60 | | -2.30 | | |
| | - 46 | - 35 | 1 .845 2 | 65 | -71.832 | | - 53 | - 53 | 1 16.37 | - 55 | | | |
| | | | | | | | | | 1 12.43 | 2 | 92 | +2 | ~~15.48~~ 14.64 |
| ~~May 3~~ | | | | | | | | | | 13.5 | | | |
| | | | | | | | | | | 13.50 | | | |
| | | | | | | | | | 1 ~~12.95~~ | - ~~55~~ | | | |
| | | | | | | | | | | 1 | ~~95~~ | ~~+ 2~~ | ~~12.95~~ |
| May 16 | -80.90 | .80 | -81.12 | | | | +2 20.1 | 19.8 | 20.2 | 21.1 | | | |
| | .89 | .90 | .03 | | | | 21.2 | 21.2 | 20.3 | 22.2 | | | |
| | .95 | .95 | -80.97 | | | | 21.4 | 20.1 | 18.2 | 20.8 | | | |
| | .93 | .97 | .94 | | | | 20.8 | 19.9 | 20.9 | 21.2 | | | |
| | .97 | .99 | .93 | | | | 21.3 | 21.7 | 19.5 | | | | |
| | | | .97 | | | | | 21.7 | 19.7 | | | | |
| | | | .96 | | | | | | 18.7 | | | | |
| | -80.928 | .922 | 7 .989 | -.061 | -.067 | | +2 20.96 | 20.73 | 7 19.64 | 21.32 | -1.32 | -1.09 | -1.68 |
| | - 48 | - 32 | 5 .954 | | | | - 53 | - 54 | 4 20.77 | - 55 | | | |
| C | | | 5 976 17 | 1273 | -80.975 | | | | 6 20.19 | | | | |
| | | | | | | | | | 5 20.43 | 22 | 385 | +2 | 20.17 |
| May 16 | -80.42 | .53 | | | | | +2 21.7 | 20.8 | | | | | |
| | -80.420 | .530 | | | | | +2 21.70 | 20.80 | | | | | |
| | - 48 | - 32 | 1 .562 | | | | - 53 | - 54 | | | | | |
| | | | 1 .468 2 | 1030 | (-80.515) | | 21.17 | 20.76 | | | | | 20.71 |
| May 17 | +38.25 | | .11 | | | | 19.3 | 18.1 | 19.7 | 19.6 | | | |
| | .19 | | .10 | | | | 19.6 | | 18.7 | 21.5 | | | |
| | | | .16 | | | | +2 21.7 | | 20.4 | 22.0 | | | |
| | | | .17 | | | | | | | 21.7 | | | |
| | | | .16 | | | | | | | | | | |
| | +38.220 | | 5 .140 | -.080 | | | +2 20.20 | 18.10 | 3 19.60 | 21.20 | -.60 | +1.50 | -1.60 |
| | - 48 | - 32 | 2 172 7 | 1044 | +38.149 | | - 53 | - 54 | 4 20.65 | - 55 | | | |
| | | | | | | | | | 1 1756 | | | | |
| | | | | | | | | | 3 19.67 | 11 | 897 | +2 | 19.82 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.64 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1876 | | | | | | | | | | | | |
| May 21 | +37°.37 | °.30 | °.24 | | | +2′ 20″.2 | 20″.5 | 19″.5 | 23″.9 | | | |
| | .34 | .34 | .24 | | | 24.1 | 22.2 | 20.7 | 23.0 | | | |
| | .41 | | .28 | | | 23.4 | 22.3 | 20.9 | 23.9 | | | |
| | | | .31 | | | | | 22.2 | 23.1 | | | |
| | | | .35 | | | | | 21.2 | | | | |
| | +37.373 | .320 | 5 .284 | −.089 | −.036 | +2 22.57 | 21.67 | 5 20.90 | 23.48 | −1.67 | −1.77 | −2.58 |
| | − 50 | − 31 | 2 .289 | | | − 53 | − 54 | 4 22.93 | − 55 | | | |
| | | | 3 .323 | 10 2967 | +37.297 | | | 3 21.13 | | | | |
| | | | | | | | | 3 22.04 | 15 | 1073 | +2 | 21.72 |
| May 21 | +37.28 | .29 | | | | +2 25.6 | 22.6 | | | | | |
| | | .27 | | | | | 24.4 | | | | | |
| | +37.280 | .280 | | | | +2 25.60 | 23.50 | | | | | |
| | − 50 | − 31 | 2 .249 | | | − 53 | − 54 | 2 22.96 | | | | |
| | | | 1 230 | 3 128 | (+37.243) | | | 1 25.07 | 3 | 199 | +2 | 23.66 |
| May 23 | +36.70 | .67 | .67 | | | +2 22.8 | 25.1 | 22.5 | 24.8 | | | |
| | .81 | .71 | .69 | | | 22.5 | 22.9 | 23.7 | 25.2 | | | |
| | .70 | .72 | .66 | | | 21.8 | 23.2 | 22.6 | 23.5 | | | |
| | | .74 | .70 | | | 22.2 | 22.4 | 23.8 | 24.6 | | | |
| | | | .66 | | | | | 21.2 | 24.1 | | | |
| | | | | | | | | | 23.6 | | | |
| | +36.737 | .710 | 5 .676 | −.061 | −.034 | +2 22.32 | 23.40 | 5 22.76 | 24.30 | −.44 | −.64 | −1.54 |
| | − 50 | − 30 | 4 680 | | | − 52 | − 54 | 6 23.75 | − 55 | | | |
| | | | 3 687 | 12 8161 | +36.680 | | | 4 22.86 | | | | |
| | | | | | | | | 4 21.80 | 19 | 1694 | +2 | 22.89 |
| May 23 | +36.71 | .64 | | | | +2 22.8 | 23.4 | 21.6 | | | | |
| | +36.710 | .640 | | | | +2 22.5 | 23.40 | 1 21.60 | | | −1.80 | |
| | − 50 | − 30 | 1 610 | | | − 52 | − 54 | 1 22.86 | − 55 | | | |
| | | | 1 660 | 2 70 | (+36.635) | | 22.2 | 22.86 | | | | 22.73 |
| May 24 | +36.63 | .63 | .58 | | | +2 24.8 | 25.5 | 24.1 | 25.7 | | | |
| | .66 | .62 | .57 | | | 26.2 | 25.8 | 24.6 | 25.2 | | | |
| | .59 | .57 | .60 | | | 26.4 | 25.6 | 24.6 | 25.5 | | | |
| | | | .59 | | | | 25.9 | 25.1 | 26.1 | | | |
| | | | .61 | | | | | 23.8 | 24.1 | | | |
| | +36.627 | .607 | 5 .590 | −.037 | −.017 | +2 25.80 | 25.70 | 5 24.44 | 25.72 | −1.36 | −1.26 | −1.28 |
| | − 50 | − 30 | 3 .577 | | | − 52 | − 54 | 5 25.17 | − 55 | | | |
| | | | 3 577 | 11 912 | +36.583 | | | 4 25.16 | | | | |
| | | | | | | | | 3 25.28 | 17 | 1653 | +2 | 24.97 |
| May 24 | +36 | .50 | | | | +2 | 24.6 | | | | | |
| | +36 | .590 | | | | +2 | 27.60 | | | | | |
| | − 50 | − 30 | 1 560 | | (+36.560) | − | − 54 | 1 +27.06 | 1 | 06 | +2 | 27.06 |
| May 25 | +36.53 | .55 | .60 | | | +2 26.8 v | (29.6) | 27.3 | (29.0) | | | |
| | .58 | .55 | .57 | | | (30.0) | 27.2 | 26.7 v | 27.0 | | | |
| | .54 | | .57 | | | 25.5 | | 26.9 v | | | | |
| | | | .51 | | | | | 27.7 v | | | | |
| | | | .56 | | | | | 26.3 | | | | |
| | | | .52 | | | | | 25.1 | | | | |
| | +36.550 | .550 | 6 .555 | −.005 | −.005 | +2 ~~26.40~~ | ~~27.10~~ | ~~26.78~~ | 27.00 | +1.42 | −1.42 | −1.02 |
| | − 50 | − 30 | 2 .520 | | | − 52 | − 54 | 2 26.45 | − 55 | | | |
| | | | 3 500 | 11 370 | +36.534 | | | 2 27.66 | 11 | 428 | +2 | ~~27.39~~ |
| | | | | | | | | 2 ~~27.88~~ 26.98 | | | | ~~26.47~~ 26.93 |
| May 25 | +36 | .59 | | | | +2 | 28.7 | | 28.6 | | | 41 |
| | +36 | .146 | | | | | | | | | | |
| | +36 | .525 | | | | +2 | 28.70 | | 28.60 | | | |
| | − 50 | − 30 | 2 495 | | (+36.495) | − 52 | − 54 | 1 28.05 | − 55 | | | |
| | | | | | | | | 1 28.16 | | | | |
| | | | | | | | | | 2 | 21 | +2 | 28.10 |
| May 29 | | +36.650 | | | (36.620) | +2 | 35.6 | | 33.6 | | | |
| | | −.30 | | | | +2 | 35.60 | | 33.60 | | | |
| | | | | | | − 51 | − 54 | 1 33.05 | − 53 | | | |
| | | | | | | | | 1 35.06 | 2 | 11 | +2 | 34.06 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | | |
| May 30 | +34.67 | .60 | .59 | | | | +2' 32."7 | 32."7 | 33."3 | 34."6 | | | |
| | .63 | .55 | .59 | | | | 31.6 | 32.1 | 32.0 | 32.2 | | | |
| | .53 | .57 | .48 | | | | 29.8 | 32.4 | 30.6 | | | | |
| | .62 | | .53 | | | | 31.4 | 31.0 | 33.4 | | | | |
| | .64 | | .52 | | | | 31.0 | | | | | | |
| | +34.618 | .573 | 5 .542 | -.076 | -.031 | | +2 31.30 | 32.05 | 4 32.32 | 33.40 | +1.02 | +.27 | -1.08 |
| | - 51 | - 29 | 3 .544 | | | | - 51 | - 54 | 2 32.86 | - 54 | | | |
| | | | 5 .567 | | +34.527 512 | | | | 4 31.51 | | | | |
| | | | | | | | | | 5 30.79 | 15 | 999 | +2 | 31.67 |
| May 30 | +34 | .70 | | | | | +2 | 31.1 | | 31.7 | | | |
| | | .59 | | | | | | 34.0 | | | | | |
| | +34 | .6145 | | | | | +2 | 32.55 | | 31.70 | | | |
| | - 51 | - 29 | 2 .616 | | (+34.616) | | - | - 54 | 1 3116 | - 54 | | | |
| | | | | | | | | | 2 32.01 | 3 | 218 | +2 | 31.73 |
| May 31 | +34.89 | .74 | .80 | | | | +2 33.5 | 32.2 | | 33.5 | | | |
| | .89 | .81 | .77 | | | | 31.7 | 31.6 | | | | | |
| | | .77 | | | | | | 34.7 | | | | | |
| | +34.890 | .773 | 2 .785 | -.105 | +.012 | | +2 32.60 | 32.83 | | 33.50 | | | |
| 127 | - 51 | - 29 | 3 .744 | | | | - 51 | - 54 | 1 32.96 | - 54 | | | |
| | | | 2 .839 7 5480 | | +34.7841 | | | | 3 32.29 | | | | |
| | | | | | | | | | 2 32.09 | 6 | 201 | +2 | 32.33 |
| May 31 | +34.96 | .88 | | | | | +2 32.1 | 32.1 | | | | | |
| | | .86 | | | | | | 34.1 | | | | | |
| | +34.960 | .870 | | | | | +2 32.10 | 33.10 | | | | | |
| 235 | - 51 | - 29 | 2 .841 | | | | - 51 | - 54 | 2 32.56 | | | | 32.24 |
| | | | 1 .909 3 2591 | | (+34.864) | | | | 1 31.59 | 3 | 71 | +2 | 32.21 -1.58 |
| June 1 | +35.18 | | | | | | +2 31.1 | | | 30.3 | | | |
| | +35.180 | | | | | | +2 31.10 | | | 30.30 | | | |
| | - 51 | - 29 | 1 129 | | +35.129 | | - 50 | - 54 | 1 29.76 | - 54 | | | |
| | | | | | | | | | 1 3060 | 2 | 36 | +2 | 30.18 |
| June 5 | +36. | .04 | | | | | | | | 37.7 | | | |
| | +36 | .040 | | | | | | | | 37.70 | | | |
| 00 | - 52 | - 28 | 1 012 | | (+36.012) | | - 50 | - 54 | 1 37.17 | - 53 | 1 | 17 | 37.17 |
| June 6 | +36 | .08 | | | | | +2 | 36.9 | | | | | |
| | | .17 | | | | | | | | | | | |
| | +36 | .150 | | | | | +2 | 36.90 | | | | | |
| 235 | - 52 | - 28 | 2 122 | | (+36.122) | | - 49 | - 54 | 1 36.36 | - 53 | 1 | 36 | 36.36 |
| June 7 | +36.18 | .16 | .20 | | | | +2 34.0 | 35.5 | 33.5 | 34.6 | | | |
| | | .17 | .18 | | | | | 35.0 | 33.6 | 34.5 | | | |
| | | | .09 | | | | | | 33.7 | | | | |
| 138 | +36.180 | .165 | 3 .157 | -.023 | -.008 | | +2 34.00 | 35.25 | 3 33.60 | 34.55 | -.40 | -1.65 | -.95 |
| | - 52 | - 27 | 2 138 | | | | - 49 | - 54 | 2 34.02 | - 53 | | | |
| | | | 1 128 6 275 | | +36.146 | | | | 2 3471 | | | | |
| | | | | | | | | | 1 33.51 | 8 | 777 | +2 | 33.97 |
| June 13 | +36.40 | .35 | .111 | | | | +2 35.9 | 35.4 | 33.6 | 35.2 | | | |
| | .43 | .29 | .36 | | | | 35.0 | 35.2 | 35.3 | 35.3 | | | |
| | .33 | .41 | .35 | | | | 36.4 | 36.3 | 35.6 | 35.3 | | | |
| | .41 | .39 | .35 | | | | 35.9 | 36.0 | 35.1 | 36.0 | | | |
| 137 | .42 | .39 | .36 | | | | 36.8 | 34.7 | 36.3 | | | | |
| | +36.398 | .366 | 5 .372 | -.026 | +.006 | | +2 36.00 | 35.52 | 5 35.18 | 35.45 | -.82 | -.34 | -.27 |
| | - 53 | - 26 | 5 340 | | | | - 48 | - 54 | 4 34.92 | - 53 | | | |
| | | | 5 345 15 785 | | +36.352 | | | | 5 34.98 | | | | |
| | | | | | | | | | 5 35.52 | 19 | 308 | +2 | 35.16 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.60 | | | |
| 1876 | | | | | | | | | | | | | |
| June 14 | +36.52 | .49 | .48 | | | | +2 37.7 | 36.3 | 37.3 | 37.1 | | | |
| | .46 | .45 | .46 | | | | 36.9 | 37.3 | 35.9 | 36.3 | | | |
| | .48 | .49 | | | | | 36.0 | 36.8 | 35.9 | 36.5 | | | |
| | .49 | .49 | | | | | 36.4 | 36.7 | | | | | |
| | .46 | | | | | | 37.4 | | | | | | |
| | +36.482 | .480 | 2 .470 | −.012 | −.010 | | +2 36.88 | 36.78 | 3 36.37 | 36.63 | −.51 | −.41 | −.26 |
| | − 53 | − 26 | 4 .454 | | | | − 48 | − 521 | 3 36.10 | − 53 | | | |
| | | | 5 .429 11 | .501 | +36.446 | | | | 4 36.24 | | | | |
| | | | | | | | | | 5 36.40 | 15 | .437 | +2 | 36.29 |
| June 15 | +36.36 | .320 | | | | | +2 37.0 | 37.9 | | 36.8 | | | |
| | .38 | | | | | | 37.0 | | | 36.6 | | | |
| | .38 | | | | | | 36.4 | | | 37.0 | | | |
| | ~~+36.373~~ | .320 | | | | | | | | 37.6 | | | |
| | +36.373 | .320 | | | | | +2 36.80 | 37.90 | | 37.00 | | | |
| | − 53 | − 26 | 1 .294 | | | | − 48 | − 521 | 4 36.48 | − 52 | | | |
| | | | 3 .320 4 ~~.614~~ | 12321 | + 36.~~154~~ 313 | | | | 1 37.36 | | | | |
| | | | | | | | | | 3 36.32 | 8 | .424 | +2 | 36.53 |
| June 15 | +36 | .15 | | | | | +2 | 36.0 | | | | | |
| | +36 | .150 | | | | | +2 | 36.00 | | | | | |
| | − 53 | − 26 | 1 .124 | | (+36.124) | | − 48 | − 521 | 1 35.46 | 1 | .46 | +2 | 35.46 |
| July 10 | +10 | .30 | .42 | | | | +2 | 46.2 | 46.8 | 7.2 | | | |
| | | .35 | | | | | | 47.2 | | | | | |
| | +10 | .325 | 1 .420 | | +.095 | | +2 | 46.70 | 1 46.80 | 7.2 4 | | +.10 | |
| 5.0 | − 54 | − 20 | 2 .305 | | (+10.343) | | − 32 | − 53 | 2 46.17 | − 49 | | | |
| | | | | | | | | | 1 46.71 | 3 | .114 | +2 | 46.~~38~~ 46 |
| ~~July 10~~ | | | | | | | | | | 47.2 | | | |
| | | | | | | | | | | ~~47.00~~ | | | |
| | | | | | | | | | 1 46.71 | − .49 | | | |
| | | | | | | | | | | 1 | .71 | +2 | 4671 |
| July 12 | +12.30 | .35 | .19 | | | | +2 | 47.8 | 46.5 | | | | |
| | | .26 | | | | | | 47.0 | | | | | |
| ~~15.6~~ | +12.300 | .325 | 1 .190 | −.111 | −.135 | | +2 | 47.40 | 1 46.50 | | | −.90 | |
| 5.0 | − 54 | − 18 | 2 307 | | | | − 31 | − 53 | 2 46.87 | − 49 | | | |
| | | | 1 246 4 | 1050 | +12.262 | | | | | 3 | .224 | +2 | 46.75 |
| Jr. | | | | | | | | | | | | | |
| July 12 | +11.75 | .69 | .70 | | | | +2 46.0 | 47.1 | 47.2 | 48.1 | | | |
| | .72 | .72 | .71 | | | | 46.8 | 47.3 | 47.7 | 47.2 | | | |
| | .74 | | .64 | | | | 46.5 | 4 | 47.7 | 47.2 | | | |
| ~~5.0~~ | .72 | | .73 | | | | 47.3 | | 46.0 | 47.0 | | | |
| 15.6 | .72 | | .60 | | | | 47.3 | | 46.6 | 47.2 | | | |
| | .77 | | | | | | 48.1 | | | | | | |
| | +11.737 | .705 | 5 .676 | −.061 | −.029 | | +2 47.33 | 47.20 | 5 47.04 | 47.34 | −.29 | −.16 | −.30 |
| | − 54 | − 18 | 2 687 | | | | − 31 | − 53 | 5 46.85 | − 49 | | | |
| | | | 6 683 13 | 1052 | +11.681 | | | | 2 46.67 | | | | |
| | | | | | | | | | 6 47.02 | 18 | 1691 | +2 | 46.94 |
| July 13 | +12.90 | .89 | .92 | | | | +2 48.9 | 47.7 | 47.5 | 47.5 | | | |
| | .93 | .90 | .91 | | | | 47.7 | 47.8 | 48.8 | 47.5 | | | |
| | .90 | .94 | .90 | | | | 47.9 | 48.4 | 47.6 | 50.4 | | | |
| 15.3 | .92 | | .86 | | | | 49.1 | 48.5 | 47.2 | 47.6 | | | |
| | .91 | | .84 | | | | 47.7 | | 47.3 | 48.9 | | | |
| | | | .91 | | | | | | 47.7 | | | | |
| | | | .90 | | | | | | 48.5 | | | | |
| | +12.912 | .910 | 7 .891 | −.021 | −.019 | | +2 48.26 | 47.97 | 7 47.80 | 48.38 | −.46 | −.17 | −.58 |
| | − 54 | − 18 | 3 892 | | | | − 31 | − 53 | 5 47.89 | − 49 | | | |
| | | | 5 858 15 | 1263 | +12.884 | | | | 3 47.44 | 20 | 1612 | +2 | 47.81 |
| | | | | | | | | | 5 47.95 | | | | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | | |
| July 17 | +17.50 | ,51 | ,44 | | | | +2 50.1 | 49.9 | 49.9 | 49.6 | | | |
| | ,53 | ,82 | ,46 | | | | 49.8 | 50.9 | 49.8 | 50.1 | | | |
| | | ,50 | ,53 | | | | | 50.0 | 49.5 | 49.5 | | | |
| | | ,53 | ,50 | | | | | 49.7 | 49.6 | 50.1 | | | |
| | | | ,46 | | | | | | 49.4 | 50.2 | | | |
| | | | ,50 | | | | | | 49.9 | 49.6 | | | |
| | | | ,52 | | | | | | 48.3 | | | | |
| | +17.515 | ,515 | 7 ,487 | -,026 | -,028 | | +2 49.95 | 50.12 | 7 49.49 | 49.85 | -.46 | -.63 | -.36 |
| | - 54 | - 17 | 4 498 | | | | - 29 | - 52 | 6 49.36 | - 49 | | | |
| | | | 2 461 13 1123 | | +17.486 | | | | 4 49.60 | | | | |
| | | | | | | | | | 2 49.66 | 19 | 931 +2 | | 49.49 |
| July 18 | +19.18 | ,14 | ,06 | | | | +2 49.8 | 49.8 | 49.6 | | | | |
| | ,14 | | | | | | 50.9 | | | | | | |
| 53 | +19.160 | ,140 | 1 ,060 | -,100 | -,080 | | +2 50.35 | 49.80 | 1 49.60 | | -.75 | -,20 | |
| | - 54 | - 17 | 1 123 | | | | - 29 | - 52 | 1 49.28 | - 48 | | | |
| | | | 2 106 4 395 | | (+19.099) | | | | 2 50.06 | 4 | 120 +2 | | 49.85 |
| | | | | | | | | | | | 300 | | |
| July 19 | +20.09 | ,16 | ,10 | | | | +2 48.6 | 49.8 | 48.8 | | | | |
| | ,15 | | | | | | 49.4 | | | | | | |
| (18) | +20.120 | ,160 | 1 ,100 | -,020 | -,060 | | +2 49.00 | 49.80 | 1 48.80 | | -.20 | -1.00 | |
| 53 | - 54 | - 17 | 1 143 | | | | - 29 | - 53 | 1 49.27 | - 49 | | | |
| | | | 2 066 | | (+20.094) | | | | 2 48.71 | 4 | 349 +2 | | 48.87 |
| ∫Tr | | | | | | | | | | | | | |
| July 19 | +19.62 | ,55 | ,58 | | | | +2 49.4 | 49.0 | 49.3 | 50.9 | | | |
| | ,60 | ,56 | ,64 | | | | 49.7 | 50.2 | 50.3 | 50.0 | | | |
| 15.4 | ,60 | ,57 | ,55 | | | | 49.9 | 50.2 | 49.8 | 49.3 | | | |
| | ,62 | | ,67 | | | | 50.0 | | 49.3 | 51.8 | | | |
| | ,71 | | ,59 | | | | 48.7 | | 50.2 | 50.1 | | | |
| | | | ,50 | | | | | | 49.5 | 50.8 | | | |
| | | | | | | | | | | 49.8 | | | |
| | +19.630 | ,560 | 6 ,588 | -,042 | -,028 | | +2 49.54 | 49.80 | 6 49.73 | 50.39 | +.19 | -.07 | -.66 |
| | - 54 | - 17 | 3 543 | | | | - 29 | - 53 | 7 49.90 | - 49 | | | |
| | | | 5 576 14 1037 | | +19.574 | | +2 50.0 | | 3 49.27 | 21 | 1274 +2 | | 49.961 |
| | | | | | | | | | 5 49.25 | 51.2 | | | |
| July 22 | +23.27 | ,30 | ,05 | | | | 49.5 | 50.5 | 50.1 | 51.1 | | | |
| | ,22 | ,17 | ,11 | | | | 50.3 | 49.7 | 50.4 | 51.2 | | | |
| | ,26 | ,26 | ,16 | | | | | 50.9 | 50.6 | | | | |
| | | ,25 | | | | | | 51.0 | 50.6 | | | | |
| | +23.250 | ,245 | 3 ,107 | -,143 | -,138 | | +2 49.93 | 50.53 | 4 50.42 | 51.17 | +.49 | -.11 | -.75 |
| | - 54 | - 16 | 4 ,229 | | | | - 27 | - 52 | 3 50.68 | - 49 | | | |
| | | | 3 ,196 10 1825 | | +23.182 | | | | 4 50.01 | | | | |
| | | | | | | | | | 3 49.66 | 14 | 274 +2 | | 50.24 |
| July 24 | +25.87 | | | | | | +2 54.1 | 53.6 | | | | | |
| | ,84 | | | | | | | | | | | | |
| 4.4 | +25.855 | | | | | | +2 54.10 | 53.60 | | | | | |
| | - 53 | - 15 | 2 ,802 | | +25.802 | | - 28 | - 53 | 1 53.07 | - 49 | | | |
| | | | | | | | | | 1 53.82 | 2 | 89 +2 | | 53.44 |
| July 24 | +25.42 | ,43 | ,40 | | | | +2 53.6 | 54.7 | 54.1 | 53.8 | | | |
| Tr. | ,47 | ,43 | ,42 | | | | 54.0 | 54.8 | 53.6 | 53.5 | | | |
| | ,46 | ,41 | ,49 | | | | 54.1 | 53.3 | 53.6 | 52.0 | | | |
| | ,50 | ,44 | ,47 | | | | 54.1 | 54.2 | 53.4 | 54.9 | | | |
| | | | ,47 | | | | | | 53.4 | 54.5 | | | |
| 16.3 | | | ,41 | | | | | | 54.3 | | | | |
| | | | ,39 | | | | | | 52.7 | | | | |
| | +25.4162 | ,428 | 7 ,436 | -,026 | +,008 | | +2 53.95 | 54.25 | 7 53.59 | 54.14 | -.36 | -.66 | -,55 |
| | - 53 | - 15 | 4 413 | | | | - 28 | - 53 | 5 53.65 | ,49 | | | |
| | | | 4 409 15 340 | | +25.423 | | | | 4 53.72 | | | | |
| | | | | | | | | | 4 53.64 | 20 | 1294 +2 | | 53.65 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.18 | +.18 +.70 | +.70 +1.91 | | +.79 +.54 | +.79 +.54 | +.71 +.13 | +.13 −.38 | −.38 −.80 | | |
| 1876 | | | | | | | | | | | | |
| July 25 | +26.73 | | | | | +3 9.6 | | | | | | |
| | +26.730 | | | | | +3 9.60 | | | | | | |
| 58. | − 53 | − 15 | 1 .677 | | ( ) | − 28 | | 1 9.32 | 1 | 32 | +3 | 9.32 |
| July 25 | +26 | .25 | .27 | | | +3 | 10.8 | 8.5 | 9.6 | | | |
| | | .20 | .21 | | | | 9.4 | 8.4 | 9.8 | | | |
| 16.8 | +26 | .225 | 2 .240 | | +.015 | +3 | 10.10 | 2 8.45 | 9.70 | | −1.65 | −1.25 |
| | − 53 | − 15 | 2 .210 | | +26.225 | − 28 | − 52 | 2 9.21 | − 49 | | | |
| | | | | | | | | 2 9.58 | 6 | 48 | +3 | 9.08 |
| July 26 | +27.25 | .18 | .12 | | | +3 7.6 | 7.7 | | | | | |
| | +27.250 | .180 | 1 .120 | −.130 | −.060 | +3 7.60 | 7.70 | | | | | |
| 52 | − 53 | − 14 | 1 166 | | | − 28 | − 52 | 1 7.18 | − 49 | | | |
| | | | 1 197 3 | 183 | (+27.161) | | | 1 7.32 | 2 | 50 | +3 | 7.25 |
| July 26 | +26.85 | .81 | .81 | | | +3 9.3 | 8.8 | 8.5 | 8.7 | | | |
| | .87 | .82 | .91 | | | 7.4 | .8.1 | 8.4 | 8.9 | | | |
| 16.4 | .95 | .79 | .92 | | | 7.1 | 8.4 | 9.2 | 9.0 | | | |
| | | .94 | .79 | | | | 8.1 | 7.5 | 9.4 | | | |
| | | .91 | .76 | | | | | 9.4 | | | | |
| | | | .85 | | | | | 7.5 | | | | |
| | | | .96 | | | | | 8.3 | | | | |
| | +26.890 | .854 | 7 .857 | −.033 | +.003 | +3 7.93 | 8.35 | 7 8.40 | 9.00 | +.47 | +.05 | −.60 |
| | − 53 | − 14 | 5 840 | | | − 28 | − 52 | 4 8.51 | − 49 | | | |
| | | | 3 837 15 | 710 | +26.847 | | | 4 7.83 | | | | |
| | | | | | | | | 3 7.65 | 18 | 311 | +3 | 8.17 |
| July 31 | +4.37 | .36 | | | | +3 11.0 | 10.5 | | | | | |
| | | .30 | | | | | 11.1 | | | | | |
| | +4.370 | .330 | 2 .317 | | | +3 11.00 | 10.80 | | | | | |
| 5.2 | − 52 | − 13 | 1 .318 3 | 22 | (+4.317) | − 27 | − 52 | 1 10.28 | − 49 | | | |
| | | | | | | | | 1 10.73 | 2 | 101 | +3 | 10.50 |
| Aug. 1 | +5.14 | | .17 | | | +3 11.3 | | | | | | |
| 40 | +5.140 | | 1 .170 | +.030 | | +3 11.30 | | | | | | |
| | − 51 | − 13 | 1 .089 2 | 259 | (+5.129) | − 27 | − 52 | 1 11,03 | − 50 | | | |
| | | | | | | | | | 1 | 03 | +3 | 11.03 |
| Aug. 1 | +4.67 | .67 | .84 | | | +3 11.1 | 11.9 | 10.9 | 10.5 | | | |
| | .72 | .68 | .67 | | | 10.9 | 10.7 | 11.2 | 10.5 | | | |
| 16.3 | .72 | .70 | .66 | | | 11.6 | 10.1 | 10.1 | | | | |
| | | .78 | | | | 12.3 | | | | | | |
| | +4.705 | .708 | 3 .723 | +.018 | +.015 | +3 11.48 | 10.90 | 3 10.73 | 10.50 | −.75 | −.17 | +.23 |
| | − 51 | − 13 | 4 695 | | | − 27 | − 52 | 2 10.00 | − 50 | | | |
| | | | 3 .654 10 | 6911 | +4.691 | | | 3 10.38 | | | | |
| | | | | | | | | 4 11.21 | 12 | 817 | +3 | 10.68 |
| Aug. 2 | +6.10 | .08 | .03 | | | +3 10.6 | 9.9 | 10.5 | | | | |
| | | .08 | | | | | 11.3 | | | | | |
| 5.2 | +6.100 | .080 | 1 .030 | −.070 | −.050 | +3 10.60 | 10.60 | 1 10.50 | | −.10 | −.10 | |
| | − 50 | − 13 | 2 067 | | | − 27 | − 52 | 2 10.08 | − 50 | | | |
| | | | 1 050 4 | 214 | (+6.053) | | | 1 10.33 | 4 | 99 | +3 | 10.25 |
| Aug 2 | +5.51 | .55 | .57 | | | +3 11.0 | 11.9 | 11.1 | 12.0 | | | |
| | | .61 | .68 | | | | 10.5 | 11.6 | | | | |
| 17.0 | | .77 | .56 | | | | 10.6 | 11.1 | | | | |
| | | | .60 | | | | | 9.9 | | | | |
| | +5.510 | .643 | 4 .603 | +.093 | −.040 | +3 11.00 | 11.00 | 4 10.92 | 12.00 | −.08 | −.08 | −1.08 |
| | − 50 | − 13 | 3 630 | | | − 27 | − 52 | 1 11,50 | − 50 | | | |
| | | | 1 460 | | +5.595 | | | 3 10,48 | | | | |
| | | | | | | | | 1 10.73 | 9 | 735 | +3 | 10.82 |
| Aug. 3 | +7.19 | .17 | .13 | | | +3 12.9 | 11.1 | 10.6 | | | | |
| | | .16 | | | | | 11.3 | | | | | |
| 5.2 | +7.190 | .165 | 1 .130 | −.060 | −.035 | +3 12.90 | 11.20 | 1 10.60 | | −2.30 | −.60 | |
| | − 48 | − 12 | 2 .153 | | | − 27 | − 52 | 2 10.68 | − 50 | | | |
| | | | 1 .142 4 | 548 | (+7.145) | | | 1 12.63 | 4 | 59 | +3 | 11.15 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Aug.3 | +6.70 | .68 | .68 | | | +3 12.2 | 11.8 | 10.4 | 11.6 | | | |
| | .71 | .66 | .71 | | | 11.6 | 11.5 | 12.1 | 13.0 | | | |
| | .71 | .62 | .71 | | | | 11.5 | | 10.0 | | | |
| | | .66 | | | | | | | 13.5 | | | |
| 5h | +6.705 | .653 | 2 .695 | -.005 | +.042 | +3 11.90 | 11.65 | 2 11.25 | 12.02 | -.65 | -1.00 | -.74 |
| | - 48 | - 12 | 3 .641 | | | - 27 | - 52 | 4 11.52 | - 50 | | | |
| | | | 2 .657 7 427 | | + 6.661 | | | 2 11.13 | | | | |
| | | | | | | | | 2 11.63 | 10 | 410 +3 | | 11.41 |
| Aug.5 | +8.74 | .71 | .77 | | | +3 13.5 | 14.0 | 11.9 | 12.8 | | | |
| | .74 | .74 | .68 | | | 13.0 | 13.9 | 13.0 | 13.3 | | | |
| 17.5 | .77 | | | | | 13.4 | | | 13.0 | | | |
| | | | | | | | | | 12.9 | | | |
| | +8.750 | .725 | 2 .725 | -.025 | +.000 | +3 13.30 | 13.95 | 2 12.45 | 13.00 | -.85 | -1.50 | -.55 |
| | - 42 | - 12 | 2 .713 | | | - 27 | - 52 | 4 12.50 | - 50 | | | |
| | | | 3 .708 7 100 | | + 8.714 | | | 2 13.43 | | | | |
| | | | | | | | | 3 13.03 | 11 | 885 +3 | | 12.80 |
| Aug.6 | +11 | .56 | .58 | | | | | | 430 | | | |
| | +11 | .560 .580 | 1 .580 | | +.020 | | | | | | | |
| 6h | - 41 | - 11 | 1 .549 2 129 | | (+11.564) | | | | No 5 | | | |
| Tu. | | | | | | | | | | | | |
| Aug.6 | +9 | .82 | .82 | | | +3 | 43.9 | 43.0 | 43.0 | | | |
| | | .77 | .80 | | | | 45.3 | 43.6 | 44.1 | | | |
| | | .81 | .80 | | | | 44.1 | 42.6 | 43.6 | | | |
| | | | | | | | | 44.2 | 42.1 | | | |
| 17.9 | | | | | | | | 44.1 | 43.8 | | | |
| | +9 | .807 | 3 .807 | | +.007 | +3 | 44.43 | 4 43.35 | 43.32 | | -1.08 | +.03 |
| | - 41 | - 11 | 3 .789 6 4788 | | + 9.798 | - 27 | - 51 | 5 42.82 | - 50 | | | |
| | | | | | | | | 3 43.92 | 12 | 326 +3 | | 43.27 |
| Aug.7 | +11 | .53 | .54 | | | +3 | 44.0 | | | | | |
| | +11 | .530 | 1 .540 | | +.010 | +3 | 44.00 | | | | | |
| 6h | - 41 | - 11 | 1 .519 2 59 | | (+11.529) | - 28 | - 51 | 1 43.49 | - 51 | | | |
| | | | | | | | | | 1 | 49 +3 | | 43.49 |
| Aug.8 | +12.81 | .82 | .78 | | | +3 43.4 | 44.1 | | | | | |
| | +12.810 | .820 | 1 .780 | -.030 | -.040 | +3 43.40 | 44.10 | 1 | | | | |
| 17h | - 40 | - 11 | 1 .809 | 2359 | | - 28 | - 51 | 1 43.59 | - 51 | | | |
| 5.4 | | | 1 .770 3 4788 | | (+12.786) | | | 1 43.12 | 2 | 71 +3 | | 43.36 |
| Aug.8 | +12 | .23 .21 | .19 .18 | | | +3 | 45.0 | 43.4 | 43.3 | | | |
| Fr | | .20 .19 | .15 .15 | | | | 45.3 | 44.6 | 44.9 | | | |
| 17.9 | | .19 .20 | .14 .15 | | | | 45.0 | 44.4 | 45.3 | | | |
| | | .24 .26 | . | | | | 44.0 | | 43.4 | | | |
| | | | | | | | | | 45.5 | | | |
| | +12 | .215 | 3 .160 | | -.055 | +3 | 44.82 | 3 44.13 | 44.48 | | -.69 | -.35 |
| | - 40 | - 11 | 4 .204 7 1296 | | + 12.185 | - 28 | - 51 | 5 43.97 | - 51 | | | |
| | | .215 | .160 | | +12.185 | | | 4 44.31 | 12 | 148 +3 | | 44.12 |
| Aug.9 | +13.94 | .90 | .88 | | | +3 45.2 | 45.2 | 44.6 | | | | |
| | +13.940 | .900 | 1 .880 | -.060 | -.020 | +3 45.20 | 45.20 | 1 44.60 | | -.60 | -.60 | |
| 5h | - 40 | - 10 | 1 .890 | | | - 28 | - 51 | 1 44.69 | - 51 | | | |
| Tu. | | | 1 .900 3 270 | | (+13.890) | | | 1 44.92 | 3 | 221 +3 | | 44.74 |
| Aug.9 | +13.47 47 | .40 41 | .39 .39 | | | +3 46.1 | 45.8 | 45.6 | 45.7 | 4 | | |
| | | .45 46 | .57 57 | | | | 46.3 | 45.4 | 46.5 | | | |
| 17h | | .42 41 | .44 .43 | | | | 46.4 | 46.6 | 47.0 | | | |
| | | .47 46 | | | | | 46.3 | | 48.2 | | | |
| | +13.470 | .443 | 3 .467 | -.003 | -.024 | +3 46.10 | 46.20 | 3 45.87 | 46.85 | -.23 | -.33 | -.98 |
| | - 40 | - 10 | 4 .433 | | | - 28 | - 51 | 4 46.34 | - 51 | | | |
| | | | 1 .430 8 363 | | + 13.4445 | | | 4 45.69 | | | | |
| | .470 | .435 | 3 .463 | | | | | 1 45.82 | 12 | 1155 +3 | | 45.96 |
| | | | 4 .425 | | | | | | | | | |
| | | | 1 .430 8 319 | | +13.440 | | | | | | | |

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| | | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.571 | +.574 +.13 | +.13 -.38 | -.38 -.80 | | | |
| | 1876 | | | | | | | | | | | | | |
| | Aug. 10 | +15 | ,08 | ,04 | | | | +3' | 46.2" | 45.8" | | | | |
| | 4.8 | +15 | ,080 | 1 ,040 | | -.040 | | +3 | 46.20 | 1 45.80 | | | -.40 | |
| | | - 40 | - 10 | 1 .070 | 2 110 | (+15.055) | | - 28 | - 57 | 1 45.69 | - 51 | | | |
| | | | | | | | | | | | 2 | 149 | +3 | 45.74 |
| | Aug. 10 | +14 | ,55 | ,47 | | | | +3 | 46.3 | 46.6 | 46.2 | | | |
| | | | ,54 | ,59 | | | | | 46.1 | 46.2 | 46.6 | | | |
| | 17.9 | | ,57 | ,50 | | | | | 45.8 | 46.6 | 47.2 | | | |
| | | | ,55 | | | | | | 46.3 | | 45.8 | | | |
| | | | | | | | | | | | 46.4 | | | |
| | | +14 | ,552 | 3 ,520 | | -.032 | | +3 | 46.13 | 3 46.47 | 46.44 | | +.34 | +.03 |
| | | - 40 | - 10 | 4 .542 | 7 228 | +14.532 | | - 28 | - 51 | 5 45.93 | - 51 | | | |
| | | | | | | | | | | 4 45.62 | 12 | 1152 | +3 | 45.96 |
| | Aug. 12 | +17.40 | ,31 | ,28 | | | | +3 46.6 | 45.1 | | | | | |
| | | | ,33 | | | | | | 47.0 | | | | | |
| | 5.0 | +17.400 | ,320 | 1 ,280 | -.120 | -.040 | | +3 46.60 | 46.05 | | | | | |
| | | - 38 | - 10 | 2 ,310 | | | | - 28 | - 51 | 2 45.54 | - 51 | | | |
| | | | | 1 ,362 | 4 1262 | (+17.315) | | | | 1 46.32 | 3 | 240 | +3 | 45.80 |
| | Aug. 12 | +16 | ,80 ,81 | ,83 ,66 | | | | +3 | 47.1 | 46.4 | 46.8 | | | |
| | | | ,78 ,79 | ,79 ,83 | | | | | 47.7 | 45.6 | 47.2 | | | |
| | 17.9 | | ,76 ,75 | | | | | | 46.7 | 46.2 | 46.4 | | | |
| | | | | | | | | | | | 46.8 | | | |
| | | | | | | | | | | | 47.7 | | | |
| | | | | | | | | | | | 45.7 | | | |
| | | | | | | | | | | | 47.7 | | | |
| | | +16 | ,780 | 2 ,810 | | +.030 | | +3 | 47.17 | 3 46.07 | 46.90 | | -1.10 | -.83 |
| | | - 38 | - 10 | 3 770 | 5 3930 | +16.786 | | - 28 | - 51 | 7 46.39 | - 51 | | | |
| | | | | | | | | | | 3 46.66 | 13 | 492 | +3 | 4638 |
| | | | ,783 | 3 ,757 | | | | | | | | | | |
| | | | | 3 ,773 | 2 130 | +16.765 | | | | | | | | |
| | Aug. 13 | +18 | ,02 | +17.97 | | | | +3 | 46.7 | 44.8 | 46.1 | | | |
| | | | +17.99 | ,97 | | | | | 46.3 | 46.0 | 46.1 | | | |
| | 18.2 | | 18.01 | 18.01 | | | | | 46.6 | 47.2 | 46.2 | | | |
| | | | ,02 | | | | | | | | 47.6 | | | |
| | | +18 | ,010 | 3 17.983 | | -.027 | | +3 | 46.53 | 3 46.00 | 46.50 | | -.53 | -.50 |
| | | - 37 | - 9 | 4 18.001 | 7 6953 | +17.993 | | - 28 | - 51 | 4 45.99 | - 51 | | | |
| | | | | | | | | | | 3 46.02 | 10 | 02 | +3 | 46.00 |
| | Aug. 15 | +65.51 | ,49 | ,42 | | | | +3 46.1 | 46.0 | 45.4 | | | | |
| | 1' | +65.510 | ,490 | 1 ,420 | -.090 | -.070 | | +3 46.10 | 46.00 | 1 45.40 | | | -.70 -.60 | |
| | | - 34 | - 9 | 1 ,481 | | | | - 28 | - 51 | 1 45.49 | - 51 | | | |
| | 5.4 | | | 1 ,476 | | | | | | 1 45.82 | 3 | 171 | +3 | 45.57 |
| | Aug. 15 | +16.84 | ,79 | ,81 | 3 177 | (+16.459) | | +3 46.6 | 46.3 | 44.4 | 46.5 | | | |
| | | | ,74 | | | | | | 47.6 | | 46.2 | | | |
| | | | | | | | | | | | 45.6 | | | |
| | 1.6 | +16.840 | ,765 | 1 ,810 | -.030 | +.045 | | +3 46.60 | 46.95 | 1 44.40 | 46.10 | -2.20 | -2.55 | -1.70 |
| | | - 34 | - 9 | 2 756 | | | | - 28 | - 51 | 3 45.59 | - 51 | | | |
| | | | | 1 806 | 4 3128 | +16.782 | | | | 2 46.44 | | | | |
| | | | | | | | | | | 1 46.32 | 7 | 537 | | 45.77 |
| | Aug. 21 | +74.90 | ,85 | ,80 | | | | +3 46.3 | 47.5 | | | | | |
| | | +74.900 | ,850 | 1 ,800 | -.100 | -.050 | | +3 46.30 | 47.50 | 1 | | | | |
| | 5.2 | - 28 | - 7 | 1 813 | | | | - 29 | - 50 | 1 47.00 | - 51 | | | |
| | | | | 1 872 | 3 115 | (+74.838) | | | | 1 46.01 | 2 | 101 | | 46.50 |
| | Aug. 21 | +74.65 .65 | ,70 ,69 | ,68 ,68 | | | | +3 48.2 | 48.0 | 47.0 | 49.2 | | | |
| | | | ,63 ,63 | ,63 ,63 | | | | | 49.1 | 46.6 | 49.0 | | | |
| | 18.0 | | ,65 ,66 | ,63 ,63 | | | | | 48.4 | 47.3 | 48.8 | | | |
| | | | | ,67 ,68 | | | 4 .655 | | | 48.2 | 48.3 | | | |
| | | +74.650 | ,660 | ,653 | | | 3 .653 | | | | 48.9 | | | |
| | | | | | | | 1 .622 | | | | 48.7 | | | |
| | | +74.650 | ,660 | 4 ,653 | +.003 | F.007 | 8 | +3 48.20 | 48.50 | 4 47.28 | 48.82 | -.92 | -1.22 | -1.54 |
| | | - 28 | - 7 | 3 653 | | | | - 29 | - 50 | 6 48.31 | - 51 | | | |
| | | .650 | .660 | 1 622 | 8 893 | +74.649 | +74.650 | | | 3 48.00 | | | | |
| | | | | | | | | | | 1 47.91 | 14 | 1289 | +8 | 47.92 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Aug. 22 | +15.24 | .32 | | | | +3 49.4 | 48.6 | | | | | |
| | +15.240 | .320 | | | | +3 49.40 | 48.60 | | | | | |
| | - 27 | - 7 | 1 .313 | | | - 30 | - 50 | 1 48.10 | - 51 | | | |
| | | | 1 .213 | | | | | 1 49.10 | 2 | 120 +3 | | 48.60 |
| Aug. 22 | +75.03 | .06 | .15 | | | +3 49.3 | 50.5 | 48.1 | 49.6 | | | |
| | | .06 | | | | | 51.3 | | 49.2 | | | |
| 176 | +75.030 | .060 | 1 .150 | +.120 | +.090 | +3 49.30 | 50.90 | 1 48.10 | 49.40 | -1.20 | -2.80 | -1.30 |
| | - 27 | - 7 | 2 .053 | | | - 30 | - 50 | 2 48.89 | - 51 | | | |
| | | | 1 .003 4 | 259 | +75.065 | | | 2 50.40 | | | | |
| | | | | | | | | 1 49.00 | 6 | 168 +3 | | 49.28 |
| Aug 23 | +75.41 .41 | .39 .39 | .35 .35 | | | +3 48.9 | 49.1 | 47.7 | 49.0 | | | |
| | | .36 .37 | .30 .30 | | | | 49.9 | 48.3 | 49.8 | | | |
| 181 | | .38 .37 | .37 .36 | | | | 48.7 | 48.9 | 50.9 | | | |
| | | | .31 | | | | | 49.2 | 48.1 | | | |
| | +75.410 | .377 | 4 .382 | -.028 | +.005 | +3 48.90 | 49.23 | 4 48.53 | 49.45 | -.37 | -1.70 | -.92 |
| | - 26 | - 7 | 3 .370 | | | - 30 | - 50 | 4 48.94 | - 51 | | | |
| | .410 | .377 | 1 .384 8 | 622 | +75.378 | | | 3 48.73 | | | | |
| | | | 3 .337 | | | | | 1 48.60 | 12 | 867 +3 | | 48.72 |
| | | | 3 .370 | | | | | | | | | |
| | | | 1 .384 | 7 405 | +75.358 | | | | | | | |
| Aug. 26 | +77.77 | .76 | .82 | | | +3 50.1 | 49.9 | 49.2 | 51.3 | | | |
| | | .74 | | | | ~~51.3~~ | 48.9 | | 50.4 | | | |
| | | | | | | | | | 49.8 | | | |
| | +77.770 | .750 | 1 .820 | +.050 | +.070 | +3 50.10 | 49.40 | 1 49.20 | 50.~~37~~.05 | -.90 | -.20 | -.97 |
| | - 25 | - 6 | 2 .744 | | | - 31 | - 50 | 3 ~~49.66~~.84 | 51 | | | |
| | | | 1 .745 4 | 3053 | (+77.763) | | | 2 48.90 | | | | |
| 60 | | | | | | | | 1 49.79 | 74 | 247 +3 | | 49.40 49 |
| li | | | | | | | | | | 3676 | | 37 |
| Aug. 26 | +77.65 | .60 | .62 | | | +3 ~~50.5~~ | ~~50.5~~ | 49.6 | 51.3 | | | |
| | .60 | | .64 | | | 51.2 | ~~50.5~~ | 49.5 | 50.4 | | | |
| 191 | .57 | | | | | 50.4 | | | 49.8 | | | |
| | .61 | | | | | | | | | | | |
| | +77.608 | .600 | 2 .630 | +.022 | +.030 | +3 50.70 | 50.50 | 2 49.53 | 50.50 | -.15 | -.95 | -.95 |
| | - 25 | - 6 | 1 .594 | | | - 31 | - 50 | 3 49.99 | - 51 | | | |
| | | | 4 .583 7 | 4186 | +77.598 | | | 2 50.00 | | | | |
| | | | | | | | | 3 50.39 | 10 | 24 +3 | | 50.02 |
| Aug 27 | 15 | | | | ( ) | 52.60 | | | | | | 52.28 |
| | | | | | | -.81 | | | | | | |
| Aug. 28 | +78.78 | .72 | .53 | | | +3 51.2 | 50.5 | 48.8 | | | | |
| | +78.780 | .720 | 1 .530 | -.250 | -.190 | +3 51.20 | 50.50 | 1 48.60 | | -2.40 | -1.70 | |
| | - 265 | - 6 | 1 .714 | | | - 31 | - 50 | 1 50.00 | - 51 | | | |
| | | | 1 .755 3 | 1999 | (+78.666) | | | 1 50.89 | 3 | 269 +3 | | 49.90 |
| Aug 28 | +78.60 .58 | .53 .51 | .57 .56 | | | +3 51.3 | 51.9 | 52.2 | 51.5 | | | |
| | .53 .55 | .58 .57 | .51 .51 | | | 50.6 | 51.7 | 50.6 | 51.9 | | | |
| 186 | .71 .53 | | | | | 49.9 | 51.3 | 51.4 | 51.9 | | | |
| | .51 .63 | | | | | 50.1 | | | 52.1 | | | |
| | .60 | | | | | | | | | | | |
| | +78.590 | .555 | 2 .540 | -.050 | -.015 | +3 50.48 | 51.63 | 3 51.40 | 51.85 | -.92 | -.23 | -.46 |
| | - 25 | - 6 | 2 .549 | | | - 31 | - 50 | 4 51.34 | - 51 | | | |
| | .572 | 540 | 5 .565 9 | 503 | +78.556 | | | 3 51.13 | | | | |
| | | | 2 .535 | | | | | 4 50.17 | 14 | 1363 +3 | | 50.97 |
| | | | 2 .534 | 8 326 | +78.541 | | | | | | | |
| | | | 4 .547 | | | | | | | | | |
| Aug 29 | +79.22 | .16 | | | | +3 50.8 | 50.1 | | | | | |
| | +79.220 | .160 | | | | +3 50.80 | 50.10 | | | | | |
| 67 | - 25 | - 6 | 1 .154 | | | - 31 | - 50 | 1 49.60 | - 51 | | | |
| | | | 1 .195 2 | 149 | (+79.174) | | | 1 50.49 | 2 | 09 +3 | | 50.04 |
| Aug. 29 | +78.86 .86 | .85 .82 | .82 .81 | | | +3 51.3 | 52.0 | 52.4 | 51.1 | | | |
| | | .76 .80 | .76 .78 | | | | 50.7 | 51.0 | 52.3 | | | |
| 181 | | | | | | | | | 60.5 | | | |
| | +78.860 | .805 | 2 .790 | -.070 | -.015 | +3 51.30 | 51.35 | 2 51.70 | 51.30 | +.40 | +.35 | +.40 |
| | - 25 | - 6 | 2 .795 | | | - 31 | - 50 | 3 50.79 | - 51 | | | |
| | | | 1 .835 5 | 513 | +78.~~103~~ 810 | | | 2 50.85 | | | | |
| | .860 | .810 | 2 .795 | | | | | 1 50.99 | 8 | 246 +3 | | 51.31 |
| | | | 2 .804 | | | | | | | | | |
| | | | 1 .835 | 5 33 | +78.807 | | | | | | | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18+.70 | +.70+1.91 | | | +.79+.54 | +.54+.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Aug. 30 | +78.98 | .99 | | | | +3 50.9 | 51.4 | | | | | |
| | +78.980 | .990 | 1 .985 | | | +3 50.90 | 51.40 | 1 50.91 | 51 | | | |
| 76 | - 24 | - 5 | 1 .956 2 141 | | (+78.970) | - 32 | - 49 | 1 50.58 | 2 | 149 | +3 | 50.74 |
| U | | | | | | | | | | | | |
| Aug. 30 | +79.07 | .09 | .07 | | | +3 50.9 | 51.8 | 52.5 | 51.5 | | | |
| | .04 | | .01 | | | 51.7 | 52.8 | 51.4 | 52.1 | | | |
| 190 | .04 | | .05 | | | 52.3 | | 49.7 | 51.8 | | | |
| | | | .12 | | | | | 50.8 | 49.5 | | | |
| | | | .05 | | | | | 51.3 | 51.1 | | | |
| | +79.050 | .090 | 5 .060 | +.010 | -.030 | +3 51.63 | 52.30 | 5 51.14 | 51.20 | -.49 | -1.46 | -.06 |
| | - 24 | - 5 | 1 .085 | | | - 32 | - 49 | 5 50.69 | 51 | | | |
| | | | 3 .026 9 463 | | +79.051 | | | 2 51.81 | | | | |
| | | | | | | | | 3 51.31 | 15 | 170 | +3 | 51.11 |
| Aug. 31 | +18.27 | .22 | | | | +3 52.0 | 51.3 | | | | | |
| | +18.270 | .220 | | | | +3 52.00 | 51.30 | | | | | |
| 76 | - 24 | - 5 | 1 .215 | | | - 32 | - 49 | 1 50.81 | 51 | | | |
| | | | 1 .246 2 61 | | (+18.230) | | | 1 51.68 | 2 | 49 | +3 | 51.24 |
| Sept 2 | +11.28 | | | | | +3 48.5 | | | 52.3 | | | |
| | | | | | | | | | 52.2 | | | |
| | +11.280 | | | | | +3 48.50 | | 49.6 | 52.25 | | | |
| 76 | - 23 | - 5 | 1 .257 | | (+11.254) | - 34 | - 49 | 51.4 | 51 | | +3 | 4.9.9 4.8.10 |
| U | | | | | | | | | | | | |
| Sept. 2 | +17.78 | .78 | .71 | | | +3 51.8 | 52.1 | 50.9 | 52.3 | | | |
| | .72 | .75 | .75 | | | 51.1 | 50.9 | 52.4 | 52.2 | | | |
| 184 | .76 | .77 | .77 | | | 52.2 | 52.1 | 51.5 | | | | |
| | .68 | .77 | .77 | | | | 50.9 | 51.7 | | | | |
| | | | .79 | | | | | | | | | |
| | +17.735 | .768 | 5 .758 | +.023 | -.010 | +3 .51.70 | 51.00 | 4 51.62 | 52.25 | -.08 | +.62 | -.63 |
| | - 23 | - 5 | 4 .763 | | | - 34 | - 49 | 2 51.74 | 51 | | | |
| | | | 4 .712 13 590 | | +17.745 | | | 4 50.51 | | | | |
| | | | | | | | | 3 51.36 | 13 | 308 | +3 | 51.24 |
| Sept. 3 | +17.28 | .21 | | | | +3 52.0 | 51.4 | | 52.7 | | | |
| | +17.46 280 | .210 | | | | +3 52.00 | 51.40 | | 53.8 | | | |
| | .52 23 | - 5 | 1 .205 | | | - 35 | - 49 | 1 50.91 | 53.2 | | | |
| 76 | .42 | | 1 .267 2 62 | | (+17.231) | | | 1 51.65 | 2 | 56 | +3 | 51.28 |
| | .46 | | | | | | | | | | | |
| U | | | | | | | | | | | | |
| Sept. 3 | +17.46 | .49 | .39 | | | 53.7 | 53.3 | 53.3 | 52.7 | | | |
| | .52 | | .46 | | | 52.0 | 52 | 52.3 | 53.8 | | | |
| | .42 | | .44 | | | 52.6 | | 52.0 | 53.2 | | | |
| 187 | .46 | | .42 | | | 52.2 | | 52.1 | | | | |
| | +17.465 | .490 | 4 .428 | -.037 | -.060 | | | 4 52.55 | 53.23 | | | |
| | - 23 | - 5 | 1 .485 | | | 52.72 | 53.30 | 3 52.72 | - 51 | | +3 | 52.72 |
| | | | 4 .442 9 365 | | +17.441 | - 35 | - 49 | 1 52.81 | 12 | 405 | +3 | 52.72 83 |
| | | | | | | | | 4 52.37 | | | | |
| Sept. 4 | +16.82 | .83 | | | | +3 51.9 | 51.6 | | | | | |
| | .84 | .81 | | | | 52.9 | 52.9 | | | | | |
| | +16.830 | .820 | 2 .815 | | | +3 52.40 | 52.25 | | | | | |
| (64) | - 23 | - 5 | 2 .807 4 444 | | (+16.811) | - 35 | - 49 | 2 51.76 | - 51 | | | |
| | | | | | | | | 2 52.05 | 4 | 362 | +3 | 51.90 |
| Sept 6 | +16.06 | | .05 | | | +3 52.6 | 54.2 | 53.1 | 52.8 | | | |
| | .05 | | .06 | | | 53.9 | | 51.8 | 53.0 | | | |
| 192 | .06 | | .03 | | | 52.7 | | 53.8 | 52.4 | | | |
| | .04 | | | | | | | | 54.2 | | | |
| | +16.052 | | 3 .047 | -.005 | | +3 53.07 | 54.20 | 3 52.90 | 53.10 | -.17 | -1.30 | -.20 |
| | - 22 | - 4 | 4 .030 7 261 | | +16.037 | - 36 | - 49 | 4 52.59 | - 51 | | | |
| | | | | | | | | 1 53.71 | | | | |
| | | | | | | | | 3 52.71 | 11 | 890 | +3 | 52.81 |

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| | 1 | 2 | Zenith Groups | z-1 | z-2 | 1 | 2 | Zenith Groups | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +.91 | | | +.79 +.54 | +.57 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Oct.2 | +2.12 | .06 | | | | +3 50.9 | 51.8 | | 52.7 | | | |
| | +2.120 | .060 | | | | +3 50.90 | 51.80 | 1 52.24 | | | | |
| | - 20 | - 2 | 1 .058 | | | - 49 | - 46 | 1 51.34 | - 46 | | | 51.33 |
| 76 | | | 1 .100 2 158 | | (+2.039) | | | 1 50.41 | 2 | 175 | +3 | 50.88 |
| Oct.2 | +2.32 | .22 | 2.15 | | | +3 50.0 | 51.5 | 52.0 | 52.7 | | | |
| | .27 | .24 | .20 | | | 51.2 | 51.8 | 51.2 | 53.1 | | | |
| 204 | .29 | | .24 | | | 53.1 | | 51.2 | 50.5 | | | |
| | | | .25 | | | | | 52.0 | 52.1 | | | |
| | | | .19 | | | | | 51.7 | | | | |
| | | | .26 | | | | | 52.1 | | | | |
| | | | .24 | | | | | 52.2 | | | | |
| | +2.293 | .230 | 7 .219 | -.074 | -.011 | +3 52.10 | 51.65 | 7 51.77 | 52.10 | -.33 | +.12 | -.33 |
| | - 20 | - 2 | 2 .228 | | | - 49 | - 46 | 4 51.64 | - 46 | | | |
| | | | 3 .273 12 408 | | + 2.234 | | | 2 51.19 | | | | |
| | | | | | | | | 3 51.61 | 16 | 1016 | +3 | 51.63 |
| Oct.3 | +1 | .73 | | | | +3 | 52.6 | | 52.0 | | | |
| | +1 | .730 | | | | +3 | 52.60 | 51.54 | | | | |
| 78 | - 20 | - 2 | 1 .728 | | (+1.728) | - 49 | - 46 | 52.14 | - 46 | | +3 | 51.84 |
| Ti. | | | | | | | | | 1 | | +3 | 52.14 |
| Oct.3 | +1.97 | | 1.81 1.88 | | | +3 53.6 | | 52.3 | 52.0 | | | |
| | | | .95 .98 | | | | | 51.7 | 52.6 | | | |
| 199 | | | .16 .38 | | | | | 51.4 | 52.9 | | | |
| | | | .81 .80 | | | | | 51.1 | 52.4 | | | |
| | | | .54 .81 | | | | | 52.5 | | | | |
| | | | .64 .80 | | | | | 52.1 | | | | |
| | | | .90 .83 | | | | | 51.9 | | | | |
| | | | .93 .87 | | | | | 51.8 | | | | |
| | +1.970 | | 8 1.868 | | 862 | | | 8 51.85 | 63 | | | |
| | - 20 | - 2 | 1 .950 | -.295 | + 1.705 | +3 53.60 | | 4 52.02 17 | 52.48 | -1.75 | | -.63 |
| | | | | | | - 49 | - 46 | 1 53.11 | 46 | | | |
| | | | | | | | | | 13 | 1299 | +3 | 52.085 |
| Oct.9 | +0.05 | .13 | | | | +3 52.5 | | | 52.4 | | | |
| | +0.050 | .130 | | | | +3 | | | 52.40 | | | |
| 74 | - 21 | - 3 | 1 .127 | | | - 51 | - 45 | 1 51.97 | - 43 | | | 52.18 |
| Ti | | | 1 .029 2 156 | | (+0.078) | | | 1 52.31 | 1 | 97 | +3 | 52.27 |
| | | | | | | | | | | | | 52.68 |
| Oct.9 | +0 | .12 | .0610 | | | +3 | 52.1 | 51.9 | | | | |
| | | .13 | .10 | | | | 52.5 | 51.5 | 51.8 | | | |
| 201 | | .09 | .10 | | | | 53.1 | 53.1 | 52.0 | | | |
| | | | .07 | | | | | 52.1 | 53.9 | | | |
| | | | | | | | | | 53.9 | | | |
| | +0 | .113 | 4 .092 | | -.021 | +3 | 52.90 | 4 52.15 | 52.90 | | -.75 | -.75 |
| | - 21 | - 3 | 3 .110 7 698 | | +0.100 | - 51 | - 45 | 4 52.47 | - 43 | | | |
| | | | | | | | | 3 52.45 | 11 | 383 | +3 | 52.35 |
| Oct.10 | +0.13 | .26 | .18 | | | +3 | | 55.3 | 52.2 | | | |
| | +0 | .260 | | | | +3 | | 1 55.30 | 52.20 | | | +3.10 |
| 75 | - 21 | - 3 | 1 .257 | | (+0.257) | - 51 | - 45 | 1 51.77 | - 43 | | | |
| Ti | | | | | | | | | 2 | 907 | +3 | 53.53 |
| | | | | | | | | | | | | 51.77 |
| Oct.10 | +0.13 | .15 | .18 | | | +3 52.1 | +3 52.1 | 50.8 | 51.8 | | | |
| | .16 | .15 | .17 | | | 51.8 | 52.2 | 50.9 | | | | |
| 206 | | | .19 | | | | | 51.4 | | | | |
| | | | .13 | | | | | 51.4 | | | | |
| | +0.145 | .150 | 4 .168 | +.023 | +.018 | +3 51.95 | +3 52.15 | 4 51.12 | 51.80 | -.83 | -1.03 | -.68 |
| | - 21 | - 3 | 2 .147 | | | - 51 | - 45 | 1 51.37 | - 43 | | | |
| | | | 2 .124 8 4114 | | *0.152 | | | 2 51.70 | | | | |
| | | | | | | | | 2 51.44 | 9 | 313 | +3 | 51.35 |
| Oct.11 | -0.41 | .49 | .50 | | | +3 51.6 | 51.5 | 51.5 | 52.2 | | | |
| | .46 | | .48 | | | 52.1 | 52.1 | 53.0 | 52.7 | | | |
| | .44 | | .50 | | | 51.6 | | 51.5 | 52.4 | | | |
| 192 | .52 | | .47 | | | | | 52.2 | 52.6 | | | |
| | | | .49 | | | | | 52.2 | 53.4 | | | |
| | -0.458 | .490 | 5 .488 | -.030 | +.002 | +3 51.77 | 51.80 | 5 52.08 | 52.66 | +.31 | +.28 | -.58 |
| | - 21 | - 3 | 1 .493 | | | - 51 | - 44 | 5 52.24 | - 42 | | | |
| | | | 4 .479 10 849 | | - 0.485 | | | 2 51.36 | | | | 51.94 |
| | | | | | | | | 3 51.26 | 15 | 310 | +3 | 52.21 |

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| | 1 | 2 | Limit Group | z-1 | z-2 | 1 | 2 | Limit Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +.91 | | | +.79 +.541 | +.541 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Oct. 12 | -0.95 | 0 | 1.01 | | | +3 52.0 | 52.8 | 52.5 | | | | |
| | .93 | | 0.91 | | | 53.2 | 52.4 | 52.1 | | | | |
| 201 | .89 | | 1.08 | | | 54.8 | | 52.2 | | | | |
| | -0.923 | | 3 1.020 | -.077 | | +3 53.33 | 52.60 | 3 52.27 | | -1.06 | -.33 | |
| | - 21 | - 3 | 3 0.944 6 | 5832 | -0.972 | - 52 | - 45 | 2 52.15 | - 42 | | | |
| | | | | | | | | 3 52.81 | 8 | 354 | +3 | 52.44 |
| Oct 15 | -2.27 | | | | | +3 52.4 | | | + 55.5 | | | |
| 270 | -2.270 | | | | | +3 52.40 | | | 55.50 | | | |
| | - 21 | - 3 | 1 .291 | | (-2.291) | - 52 | - 44 | 1 55.10 | - 40 | | | |
| | | | | | | | | 1 51.88 | 2 | 98 | +3 | 53.49 |
| Oct 15 | -2.22 | .25 | .29 | | | +3 52.4 | 52.7 | 54.3 | 54.6 | | | |
| | .25 | .24 | .23 | | | 52.7 | 53.2 | 53.4 | 52.5 | | | |
| ~~270~~ | .26 | | .26 | | | 52.8 | 52.8 | 51.9 | | | | |
| 210 | .24 | | .34 | | | | | 51.6 | | | | |
| | | | .23 | | | | | 51.6 | | | | |
| | -2.242 | .245 | 5 .270 | ~~+~~ .028 | -.025 | +3 52.40 | 52.90 | 5 52.56 | 53.55 | +.16 | -.34 | -.99 |
| | - 21 | - 3 | 2 .248 | | | - 52 | - 44 | 2 53.15 | - 40 | | | |
| | | | 4 .263 | 11 698 | -2.263 | | | 3 52.46 | | | | |
| | | | | | | | | 3 51.88 | 13 | 612 | +3 | 52.47 |
| Oct 16 | -2.56 | .52 | .51 | | | +3 52.2 | 53.1 | 50.4 | 52.4 | | | |
| | .48 | .53 | .52 | | | 54.0 | 53.2 | 52.5 | 52.0 | | | |
| 207 | | .55 | .53 | | | | 53.9 | 52.9 | | | | |
| | | .53 | .59 | | | | 52.2 | 52.4 | | | | |
| | | .54 | | | | | 54.0 | 52.6 | | | | |
| | -2.520 | .534 | 4 .538 | -.018 | -.004 | +3 53.10 | 53.28 | 5 52.16 | 52.20 | -.94 | -1.12 | -.04 |
| | - 22 | - 4 | 5 538 | | | - 53 | - 44 | 2 51.80 | - 40 | | | |
| | | | 2 542 | | -2.539 | | | 5 52.84 | | | | |
| | | | | | | | | 2 52.57 | 14 | 574 | +3 | 52.41 |
| Oct. 17 | ~~+~~3 | .27 | | | | +3 | 53.4 | | 52.6 | | | |
| | | .28 | | | | | 54.3 | | | | | |
| 108 | -3 | .275 | | | | +3 | 53.85 | | 52.60 | | | |
| | - 22 | - 4 | 2 279 | | (-3.279) | - 53 | - 43 | 1 52.21 | - 39 | | | |
| | | | | | | | | 2 53.42 | 3 | 05 | +3 | 53.02 |
| Oct. 17 | -2.98 | .94 | .94 | | | +3 53.5 | 53.9 | 53.7 | 54.1 | | | |
| | .98 | .92 | .99 | | | 53.0 | 53.5 | 54.1 | 52.8 | | | |
| | .84 | .96 | .94 | | | 52.7 | 53.4 | 54.1 | 53.4 | | | |
| 210 | .91 | .95 | 3 .03 | | | | 53.7 | 53.1 | | | | |
| | | .90 | 2 .89 | | | | 54.0 | 53.5 | | | | |
| | | | 3 .06 | | | | 52.7 | 53.3 | | | | |
| | | | .07 | | | | | 54.2 | | | | |
| | -2.935 | .934 | 7 .989 | -.054 | -.055 | +3 53.07 | 53.53 | 7 53.71 | 53.43 | +.64 | +.18 | +.28 |
| | - 22 | - 4 | 5 .938 | | | - 53 | - 43 | 3 53.04 | - 39 | | | |
| | | | 4 .957 | 16 1041 | -2.965 | | | 6 53.10 | | | | |
| | | | | | | | | 3 52.54 | 19 | 431 | +3 | 53.24 |
| Oct. 18 | -3.49 | .56 | .40 | | | +3 53.4 | 56.0 | 53.7 | | | | |
| ~~+2.18~~ | .52 | | .53 | | | 54.1 | 56.4 | 55.7 | | | | |
| | .52 | | | | | 52.7 | 54.7 | | | | | |
| | -3.510 | .560 | 2 .465 | +.045 | +.095 | +3 54.75 | 56.20 | 2 54.70 | 56.00 | | | |
| | - 22 | - 4 | 1 .564 | | | - 53 | - 43 | 2 55.77 | 39 | | | |
| | | | 3 532 | 6 3090 | -3.515 | | | 2 54.22 | 6 | 2938 | +3 | 54.90 |
| Oct. 18 | -3.83 | .83 | | | | +3 52.7 | 54.7 | | | | | |
| 8.24 | | .75 | | | | | 54.3 | | | | | |
| | -3.830 | .790 | | | | +3 52.70 | 54.50 | | | | | |
| | - 22 | - 4 | 2 .794 | | | - 53 | - 43 | 2 54.07 | | | | |
| | | | 1 .852 | 3 2440 | (-3.813) | | | 1 52.17 | 3 | 1031 | +3 | 53.44 |

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| | 1 | 2 | Limit Group | z-1 | z-2 | | 1 | 2 | Limit Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.84 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | | |
| Oct. 19 | -4.25 | .20 | .24 | | | | +3 55.0 | 53.2 | 54.1 | 53.5 | | | |
| | .20 | | .24 | | | | 55.6 | | 54.5 | | | | |
| | .16 | | | | | | 55.0 | | | | | | |
| 21.9 | .21 | | | | | | 55.9 | | | | | | |
| | .27 | | | | | | | | | | | | |
| | -4.216 | .200 | 2 .240 | -.024 | -.040 | | +3 53.38 | 53.20 | 2 54.30 | 53.50 | +1.08 | +.90 | +.80 |
| | - 22 | - 4 | 1 .204 | | | | - 53 | - 43 | 1 53.12 | - 38 | | | |
| | | | 5 .238 8 274 | | -4.234 | | | | 1 54.77 | | | | |
| | | | | | | | | | 4 54.85 | 8 | 389 | +3 | 54.46 |
| Oct. 24 | -6 | .57 | | | | | +3 | 57.9 | | 54.2 | | | |
| | -6 | .570 | 1 | | | | +3 | 57.90 | | 54.20 | | | |
| 227 | - 24 | - 5 | .575 | | -6.575 | | - 54 | - 43 | 1 53.84 | - 36 | | | |
| 10.0 | | | | | | | | | 1 51.47 | 2 | 531 | +3 | 52.66 |
| Oct 24 | -6.45 | .43 | | | | | +3 53.6 | 52.3 | | 52.0 | | | |
| | .42 | .41 | | | | | 52.2 | 52.8 | | 53.1 | | | |
| 2.29 | | .44 | | | | | | 52.3 | | 54.0 | | | |
| | | .41 | | | | | | 52.7 | | 52.6 | | | |
| | | .43 | | | | | | 53.4 | | | | | |
| | -6.435 | .424 | | | | | +3 52.90 | 52.70 | 4 52.56 | 52.92 | | | |
| | - 24 | - 5 | 5 .429 | | | | - 54 | - 43 | 5 52.27 | - 36 | | | |
| | | | 2 .459 7 263 | | - 6.438 | | | | 2 52.36 | 11 | 431 | +3 | 52.39 |
| Oct 25 | -6.79 | .74 | .80 | | | | +3 50.5 | 52.0 | 51.4 | 51.8 | | | |
| | | .80 | .78 | | | | | 51.3 | 51.0 | 51.5 | | | |
| | | .78 | .82 | | | | | 52.1 | 51.0 | 52.2 | | | |
| 21.7 | | .84 | .80 | | | | | 50.4 | 50.5 | | | | |
| | | .73 | .73 | | | | | 52.5 | 51.4 | | | | |
| | | .82 | | | | | | 51.3 | | | | | |
| | -6.790 | .785 | 5 .786 | +.004 | -.001 | | +3 50.50 | 51.60 | 5 51.06 | 51.83 | +0.56 | -.54 | -.77 |
| | - 25 | - 5 | 6 .790 | | | | - 54 | - 43 | 3 51.47 | - 36 | | | |
| | | | 1 .81512 9485 | | - 6.790 | | | | 6 51.17 | | | | |
| | | | | | | | | | 1 49.96 | 15 | 169 | +3 | 51.11 |
| Oct 26 | -7.50 | .48 | | | | | +3 52.3 | 52.6 | | | | | |
| | -7.500 | .480 | | | | | +3 52.30 | 52.60 | | | | | |
| | - 25 | - 5 | 1 .485 | | | | - 54 | - 42 | 1 52.18 | - 35 | | | |
| 9.6 | | | 1 .525 2 1010 | | (-7.505) | | | | 1 51.76 | 2 | 194 | +3 | 51.67 |
| Oct 28 | -8 | .79 | | | | | +3 | 53.2 | | 54.0 | | | |
| | -8 | .790 | | | | | +3 | 53.20 | | 54.00 | | | |
| 10.0 | - 26 | - 5 | 1 .785 | | (-8.785) | | - 54 | - 42 | 1 53.65 | - 35 | | | |
| | | | | | | | | | 1 52.78 | 2 | 43 | +3 | 53.21 |
| Oct. 29 | -9.22 | .26 | | | | | +3 51.6 | 54.6 | | | | | |
| | -9.220 | .260 | | | | | +3 51.60 | 54.60 | | | | | |
| 10.5 | - 27 | - 5 | 1 .255 | | | | - 54 | - 42 | 1 54.18 | - 34 | | | |
| | | | 1 .193 2 448 | | [-9.224] | | | | 1 51.06 | 2 | 124 | +3 | 52.62 |
| Oct. 29 | -9.04 | .07 | .06 | | | | +3 53.9 | 52.9 | 53.6 | 53.0 | | | |
| | .10 | .03 | .12 | | | | | 54.4 | 53.9 | 53.6 | | | |
| | | .04 | .09 | | | | | 54.6 | 52.7 | 53.9 | | | |
| 21.7 | | .07 | .10 | | | | | 53.2 | 52.6 | 52.2 | | | |
| | | .07 | | | | | | 53.8 | | 54.5 | | | |
| | | .04 | | | | | | 54.0 | | 53.8 | | | |
| | | .08 | | | | | | 54.2 | | 53.9 | | | |
| | | | | | | | | 52.4 | | | | | |
| | -9.070 | .057 | 4 .093 | -.023 | -.036 | | +3 53.90 | 53.69 | 4 53.20 | 53.56 | -.70 | -.49 | -.36 |
| | - 27 | - 5 | 7 .062 | | | | - 54 | - 42 | 7 53.22 | - 34 | | | |
| | | | 2 .09713 1000 | | - 9.077 | | | | 8 53.27 | 20 | 486 | +3 | 53.24 |
| | | | | | | | | | 1 53.36 | | | | |
| Oct 30 | -9 | .49 | .48 | | | | +3 | 54.9 | 53.9 | 54.9 | | | |
| | | .55 | .54 | | | | | 54.5 | 54.3 | 54.8 | | | |
| 21.9 | | .48 | .52 | | | | | 55.5 | 54.8 | 54.2 | | | |
| | | .48 | | | | | | 55.6 | | 53.8 | | | |
| | -9 | .800 | 3 .513 | | -.013 | | +3 | 55.42 | 3 54.93 | 54.93 | -1.29 | | -.60 |
| | - 29 | - 5 | 4 .495 7 .3519 | | - 9.503 | | - 55 | - 41 | 4 54.59 | - 34 | | | |
| | | | | | | | | | 4 54.71 | 11 | 619 | +3 | 54.56 |
| Oct 31 | -10 | .49 | | | | | +3 | 52.3 | | 55.7 | | | |
| | | .59 | | | | | +3 | 52.30 | | 54.44 | | | |
| | -10 | .840 | | | | | | | | | | | |
| 12.1 | - 31 | - 6 | 2 .834 | | (-10.834) | | - 55 | - 41 | 1 55.34 | - 33 | | | |
| | | | | | | | | | 1 51.89 | 2 | 126 | +3 | 53.63 51.89 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 Oct. 31 | -10.28 | ,36 | ,31 | | | | +3 56.6 | 55.4 | 54.9 | 54.3 | | | |
| | ,32 | ,36 | ,38 | | | | 56.5 | 54.3 | 53.6 | 54.8 | | | |
| | ,36 | | ,39 | | | | 55.6 | | 54.3 | 55.7 | | | |
| | -10.320 | ,360 | 3 ,360 | -.040 | +.000 | | +3 56.23 | 55.00 | 3 54.27 | 54.93 | -1.96 | -.73 | -.28 |
| | - 31 | - 6 | 2 ,366 | | | | - 55 | - 41 | 2 54.60 | - 33 | | | |
| | 357 | | 3 ,351 8 4465 | | -10.358 | | | | 2 54.59 | | | | |
| Nov 1 | | | | | | | +3 | | 3 55,68 | 10 | 747 | +3 | 54.75 81 |
| | | | | | | | +3 | | | 55.3 | | | |
| | | | | | | | | | | 55,30 | | | |
| | | | | | | | - 58 | - 41 | 1 54.97 | - 33 | | +3 | 54,97 |
| Nov 2 | | | | | | | +3 | | | 53.8 | | | |
| | | | | | | | +3 | | | 53,80 | | | |
| | | | | | | | - 65 | - 40 | 1 53.47 | - 33 | | +3 | 53.47 |
| | | | | | | | | | | 1 47 | | +3 | 53.47 |
| Nov 4 | -13.03 | ,02 | - ,00 | | | | +3 57.0 | 57.0 | 56.3 | 54.5 | | | |
| | ,04 | ,04 | ,05 | | | | 56.6 | 57.3 | 56.7 | 55.5 | | | |
| | | ,06 | ,11 | | | | | 55.9 | 55.7 | 57.2 | | | |
| | | 12.97 | ,09 | | | | | 55.4 | 56.2 | 56.3 | | | |
| 220 | | 13.10 | 15 | | | | | 56.9 | 57.0 | 56.6 | | | |
| | | ,03 | | | | | | 55.6 | | | | | |
| | -13.035 | 1 ,037 | 5 ,080 | -.045 | -.043 | | +3 56.80 | 56.35 | 5 56.38 | 56.02 | -.42 | +.03 | +.36 |
| | - 35 | - 6 | 6 ,043 | | | | - 55 | - 40 | 5 56.70 | - 32 | | | |
| | | | 2 ,070 13 798 | | -13.061 | | | | 6 55.65 | | | | |
| Nov 5 | -13. | ,67 | | | | | | | 2 56,25 | 18 | 60 | +3 | 56.03 |
| | | | | | | | +3 55.8 | | | | | | |
| | | | | | | | +3 55,80 | | | | | | |
| | | | | | | | - 55 | - 40 | 1 55.25 | - 32 | | | |
| | | | | | | | | | | 1 25 | | +3 | 55.25 |
| Nov 5 | -13,53 ,53 | ,46 ,51 | ,48 ,54 | | | | +3 56.5 | 55.7 | 56.1 | 56.4 | | | |
| | ,52 ,48 | ,53 ,49 | ,42 ,50 | | | 3 ,543 | 57.0 | 57.8 | 55.7 | 57.8 | | | |
| | | ,61 ,57 | ,50 ,59 | | | 3 ,530 | | 55.9 | 56.3 | 58.2 | | | |
| 221 | | | ,63 | | | 2 ,541 | | | 55.5 | | | | |
| | -13.525 | ,533 | 4 ,582 | -.057 | -.049 | 8 301 | +3 56.775 | 56.47 | 4 55.90 | 57.47 | -.85 | -.57 | -1.57 |
| | - 36 | - 7 | 3 ,540 | | | | - 55 | - 40 | 3 57.15 | - 32 | | | |
| | ,505 | ,523 | 2 ,561 9 570 | | -13.563 | | | | 3 56.07 | | | | |
| | | | | | -13.538 | | | | 2 56,20 | 12 | 366 | +3 | 56,30 |
| Nov. 12 | -17 | ,45 | | | | | +3 | 57.6 | | 56.2 | | | |
| | -17 | ,450 | | | | | +3 | 57.60 | | 56,20 | | | |
| 142 | - 38 | - 8 | 1 ,458 | | -17.458 | | - 55 | - 38 | 1 5590 | - 30 | | | 37 |
| | | | | | | | | | 1 57.22 | 2 | 112 | +3 | 56,56 |
| Nov 12 | -17.16 | ,16 | ,19 | | | | +3 57.6 | 56.7 | 57.1 | 56.8 | | | |
| | ,20 | ,20 | ,16 | | | | 57.4 | 57.0 | 56.3 | 56.7 | | | |
| 228 | ,19 | ,25 | ,26 | | | | 57.2 | 56.6 | 56.2 | 57.1 | | | |
| | ,10 | | ,15 | | | | 57.2 | | 56.4 | | | | |
| | -17.163 | ,205 | 4 ,190 | -.027 | +.015 | | +3 57.35 | 56.77 | 4 56.50 | 56.97 | -.85 | -.27 | -.47 |
| | - 38 | - 8 | 3 ,213 | | | | - 55 | - 38 | 3 56.67 | - 30 | | | |
| | | | 4 ,201 11 2203 | | -17.200 | | | | 3 56.39 | | | | |
| | | | | | | | | | 4 5680 | 14 | 838 | +3 | 56.60 |
| Nov. 13 | -17.73 | ,67 | ,67 | | | | +3 56.8 | 57.0 | 56.1 | 56.7 | | | |
| | | ,70 | ,76 | | | | | 56.9 | 56.0 | | | | |
| | | ,66 | ,78 | | | | | 57.2 | 56.5 | | | | |
| 231 | | | ,78 | | | | | | 57.1 | | | | |
| | -17.730 | ,677 | 4 ,748 | -.018 | +.071 | | +3 56.80 | 57.03 | 3 56.43 | 56.70 | -.37 | -.60 | -.27 |
| | - 38 | - 8 | 3 ,685 | | | | - 55 | - 38 | 1 56 40 | - 30 | | | |
| | | | 1 ,768 8 5815 | | -17.727 | | | | 3 56.65 | | | | |
| | | | | | | | | | 1 56,25 | 8 | 389 | +3 | 56.48 |
| Dec 4 | -36.99 | ,90 | ,98 | | | | +3 57.0 | 56.9 | 57.2 | 55.7 | | | |
| | | 37.00 | | | | | | 56.1 | 56.4 | | | | |
| | | ,02 | | | | | | 54.9 | | | | | |
| | | ,00 | | | | | | | 56.68 | | | | |
| | -36.990 | 36.980 | 1 ,980 | +.010 | +.000 | | +3 57.00 | 56.63 | 1 57.20 | 55.70 | +.20 | +1.15 | +1.50 |
| | - 42 | - 12 | 4 ,992 | | | | - 54 | - 31 | 1 55.45 | - 25 | | | |
| | | | 1 ,032 6 5980 | | -36.993 | | | | 2 5632 | | | | |
| | | | | | | | | | 1 56,46 | 5 | 59 | +3 | 56.75 25 |
| | | | | | | | +3 | | | | | | |
| | | | | | | | - 53 | - 36 | | | | | |
| | | | | | | | | | | | | | 56.45 |

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| | 1 | 2 | Limit Group | z-1 | z-2 | 1 | 2 | Limit Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.16 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1876 | | | | | | | | | | | | |
| Dec 5 | -38.34 | .37 | .37 | | | +3 57.8 | 57.9 | 57.5 | 57.3 | | | |
| | .38 | .40 | .39 | | | 57.6 | 56.0 | 58.2 | 56.4 | | | |
| | .33 | .39 | .40 | | | 56.9 | 58.0 | 55.6 | 57.2 | | | |
| | .41 | .37 | .44 | | | 55.7 | 58.0 | 55.4 | 56.3 | | | |
| | | .33 | .37 | | | | 56.5 | 55.7 | 56.3 | | | |
| | | .41 | .34 | | | | 56.4 | 57.8 | 56.4 | | | |
| | | .41 | .41 | | | | | 57.4 | | | | |
| | | | .32 | | | | | 56.1 | | | | |
| | -38.365 | .378 | 8 .380 | -.015 | -.002 | +3 | | | | | | + .06 |
| | − .42 | − .13 | 6 .391 | | | | | | | | | |
| | | | 4 .407 18 7014 | | − 38.390 | | | | | | | 56.67 |
| Dec 6 | -39.88 | .88 | .97 | | | +3 56.6 | 56.2 | 56.1 | 57.9 | | | |
| | .85 | .92 | 40.00 | | | 58.0 | 56.9 | 55.9 | 58.0 | | | |
| | .90 | .92 | 39.99 | | | 57.0 | 57.5 | 57.1 | 56.9 | | | |
| | .86 | .97 | .89 | | | 56.5 | 57.6 | 56.5 | | | | |
| | .86 | | .87 | | | 57.6 | | 56.2 | | | | |
| | | | .96 | | | | | 56.5 | | | | |
| | | | .86 | | | | | 56.1 | | | | |
| | -39.870 | .923 | 7 .934 | -.064 | -.011 | | | 55.7 | | | | |
| | − .42 | − .13 | 4 .936 | | | +3 57.14 | 57.55 | 8 56.26 | 57.60 | -.88 | -1.29 | -1.34 |
| | | | 5 .912 16 442 | | − 39.928 | − .53 | .30 | 3 57.35 | .25 | | | |
| | | | | | | | | 4 57.25 | | | | |
| Dec 7 | -41.07 | .17 | .20 | | | +3 57.6 | 56.8 | 5 56.61 | 56.1 | 20 1418 | +3 | 56.71 |
| | .09 | .12 | .18 | | | 57.3 | 58.0 | 56.1 | 56.9 | | | |
| | .09 | | .07 | | | | | 56.8 | | | | |
| | -41.090 | .125 | 2 .150 | -.107 | -.065 | | | 55.7 | | | | |
| | − .41 | − .13 | 2 .138 | | | +3 57.45 | 57.40 | 3 56.20 | 56.90 | -1.25 | -1.20 | -.70 |
| | | | 3 .134 | 594 | − 41.728 | − .52 | .30 | 1 56.65 | .25 | | | |
| | | | | | 138 | | | 2 57.10 | | | | |
| | | | | | | | | 2 56.93 | 8 531 | +3 | 56.66 | |
| Dec 10 | -44.58 | .66 | .62 | | | +3 56.2 | 58.1 | | | | | |
| | | | | | | | 54.7 | | | | | |
| | -44.580 | .660 | 1 .620 | -.040 | +.040 | +3 56.20 | 56.70 | | | | | |
| | − .40 | − .14 | 1 .674 | | | − .51 | .29 | 2 56.11 | .24 | | | |
| | | | 1 .620 | | − 44.638 | | | 1 55.69 | 3 .91 | +3 | 57.30 | |
| Dec 11 | -44.49 | .60 | .70 | | | +3 58.3 | 56.2 | 59.5 | 58.1 | | | |
| | | .59 | .61 | | | | 56.5 | 56.7 | 58.2 | | | |
| | | .63 | .55 | | | | 57.2 | 56.5 | | | | |
| | | .63 | .53 | | | | 57.7 | 57.4 | | | | |
| | -44.490 | .560 | 4 .598 | -.108 | -.038 | +3 57.25 | 56.90 | 4 57.52 | 58.15 | -.78 | +.62 | -.63 |
| | − .40 | − .14 | 4 .574 | | | − .51 | .29 | 2 57.91 | .24 | | | |
| | | | 1 530 9 718 | | -44.579 | | | 36 56.44 | | | | |
| | | | | | | | | 12 5779 | 11 .13 | +3 | 57.28 | |
| | | | | | | | | 644 | | | 56.71 | |
| Dec 12 | -47.92 | 48.00 | 48.08 | | | +3 58.4 | 57.0 | 57.6 | 58.9 | | | |
| | .99 | 47.91 | .07 | | | 56.2 | 56.4 | 56.0 | | | | |
| | | .97 | .05 | | | | 56.6 | 57.5 | | | | |
| | | | 47.98 | | | | | 57.5 | | | | |
| | | | .95 | | | | | 57.1 | | | | |
| | | 47.960 | .83 | | | | | 56.8 | | | | |
| | -47.955 | 48.440 | 6 .993 | -.038 | -.033 | +3 57.30 | 56.67 | 6 57.08 | 58.90 | -.22 | +.41 | -1.82 |
| | − .39 | − .14 | 3 .974 | | | − .19 | .28 | 1 58.66 | .24 | | | |
| | | | 2 .994 11 968 | | -47.988 | | | 3 56.39 | | | | |
| | | | | | | | | 2 56.81 | 12 1193 | +3 | 56.99 | |
| Dec 13 | -49.15 | .25 | .26 | | | +3 58.1 | 57.1 | 59.3 | 58.1 | | | |
| | .23 | .21 | .32 | | | 58.4 | 56.3 | 57.2 | | | | |
| | | .17 | .32 | | | 57.7 | 57.8 | 56.6 | | | | |
| | | | .20 | | | | | 56.4 | | | | |
| | | | .25 | | | | | 57.4 | | | | |
| | | | .25 | | | | | 57.3 | | | | |
| | | | | | | | | 56.4 | | | | |
| | -49.190 | .210 | 6 .267 | -.077 | -.057 | +3 58.07 | 57.07 | 7 57.23 | 58.10 | -.84 | +.16 | 7.87 |
| | − .38 | − .15 | 3 .225 | | | − .48 | .27 | 1 57.87 | .23 | | | |
| | | | 2 .228 | | -49.248 | | | 3 56.80 | | | | |
| | | | | | | | | 3 57.59 | 14 365 | +3 | 57.26 | |

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| | 1 | 2 | Limit-Group | z-1 | z-2 | 1 | 2 | Limit-Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.571 | +.571 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Dec 13 | -.49 | .17 | | | | | 58.0 | | | | | |
| | | .21 | | | | | 58.1 | | | | | |
| | -.49 | .190 | | | | +.3 | 58.10 | | | | | |
| | - .38 | - .15 | 2 .205 | | -49.205 | - .48 | 27 | | - 23 | | | |
| | | | | | | | 57.83 | | 2 | .166 | +.3 | 57.83 |
| Dec. 14 | -50.34 | .46 | .52 | | | +.3 57.1 | 58.1 | 56.2 | 58.5 | | | |
| | .40 | .49 | .44 | | | 57.9 | 58.6 | 57.1 | 56.7 | | | |
| | | | .43 | | | | | 57.8 | 57.4 | | | |
| | | | | | | | | 58.6 | | | | |
| | | | | | | | | 57.1 | | | | |
| | -50.370 | .475 | 3 .463 | -.093 | +.012 | +.3 57.05 | 58.10 | 5 57.36 | 57.53 | +.31 | -.74 | -.17 |
| | - .33 | - .15 | 2 .490 | | | - .46 | - 27 | 3 57.30 | - 23 | | | |
| | | | 2 .403 | 7 .375 | -50.4454 | | | 1 57.83 | | | | |
| Dec 19 | -57.79 | .79 | .84 | | | | | 2 56.59 | 11 | .271 | +.3 | 57.25 |
| | | .80 | .82 | | | +.3 57.5 | 58.0 | 56.4 | 57.7 | | | |
| | | .77 | .89 | | | 57.6 | 56.5 | 56.1 | 56.3 | | | |
| | | .42 | .83 | | | | 56.5 | 56.8 | 56.0 | | | |
| | | | .85 | | | | | 57.3 | | | | |
| | | | .84 | | | | | 56.6 | | | | |
| | | | | | | | | 56.7 | | | | |
| | -57.790 | .787 | .85 | | | +.3 57.55 | 57.00 | 6 56.65 | 56.67 | -.90 | -.35 | -.02 |
| | - .33 | - .15 | 7 .846 | -.056 | -.151 | - .43 | - 26 | 3 56.44 | - 23 | | | |
| | | | 3 .802 | | | | | 3 56.74 | | | | |
| | | | 1 .823 | 11 .351 | -57.832 | | | 2 57.12 | 14 | .968 | +.3 | 56.69 |
| Dec 19 | | | | | | +.3 | | | 57.4 | | | |
| | | | | | | +.3 | | 1 57.17 | 57.40 | | | |
| | | | | | | - .43 | - 26 | | - 23 | | | 5 |
| | | | | | | | | | 1 | .17 | +.3 | 57.17 |
| Dec 23 | -66.13 | .11 | .06 | | | +.3 56.0 | 55.6 | 55.6 | 57.5 | | | |
| | .10 | .10 | .17 | | | 57.0 | 56.6 | 57.1 | 57.5 | | | |
| | .14 | .09 | .14 | | | 57.9 | 56.2 | 57.6 | 53.6 | | | |
| | .04 | .11 | .21 | | | 57.6 | 56.8 | 57.9 | 56.1 | | | |
| | | .14 | .13 | | | | | 56.9 | 55.7 | | | |
| | | | .06 | | | | | 56.5 | | | | |
| | -66.102 | .110 | 6 .128 | -.026 | -.018 | +.3 57.12 | 56.30 | 6 56.43 | 56.48 | -.69 | +.13 | -.05 |
| | - .30 | - .16 | 5 .126 | | | - .10 | - 25 | 5 56.25 | - 23 | | | |
| | | | 4 .132 | 15 .426 | -66.128 | | | 4 56.05 | | | | |
| | | | | | | | | 4 56.72 | 19 | .691 | +.3 | 56.36 |
| Dec 23 | -66.33 | .13 | .05 | | | +.3 56.6 | 56.5 | 56.7 | | | | |
| | .09 | .13 | | | | | 56.3 | | | | | |
| | | .10 | | | | | 57.1 | | | | | |
| | -66.210 | .120 | 1 .050 | +.160 | +.070 | +.3 56.60 | 56.63 | 1 56.70 | | +.10 | +.07 | |
| | - .30 | - .16 | 3 .136 | | | - .40 | - 25 | 3 56.38 | - 23 | | | |
| | | | 2 .240 | 6 .938 | -66.156 | | | 1 56.20 | 5 | .304 | +.3 | 56.41 |
| Dec 24 | -67.88 | 68.05 | .09 | | | | 55.8 | 57.4 | 58.7 | | | |
| | .92 | 67.99 | 67.89 | | | +.3 55.9 | 55.7 | 56.3 | 56.2 | | | |
| | .85 | .93 | .95 | | | 55.4 | 55.8 | 56.2 | 56.3 | | | |
| | 68.00 | 68.02 | 68.08 | | | 55.0 | 57.3 | 55.8 | | | | |
| | 67.93 | 67.98 | 67.99 | | | 55.7 | 57.2 | 56.0 | | | | |
| | .94 | | 68.09 | | | 57.7 | | 56.0 | | | | |
| | | | | | | 57.2 | | | | | | |
| | | | 11 | | | | | 55.6 | | | | |
| | | | .05 | | | | | 55.5 | | | | |
| | -67.920 | 67.954 | 8 68.036 | -.116 | -.042 | +.3 56.15 | 56.36 | 8 55.98 | 57.07 | -.17 | -.38 | -1.09 |
| | - .29 | - .17 | 5 .011 | | | - .35 | - 21 | 3 56.85 | - 22 | | | |
| | | | 6 67.949 | 19 .037 | -68.002 | | | 5 56.17 | | | | |
| | | | | | | | | 6 55.80 | 22 | .179 | +.3 | 56.08 |

See after 1878

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | x3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | | |
| Dec 27 | -73.62 | .62 | .69 | | | | +3 11 | 56.2 | 56.3 | 56.2 | | | |
| | .70 | .72 | .67 | | | | 54.3 | 56.8 | 56.8 | 57.4 | | | |
| | .71 | .65 | .69 | | | | 56.1 | 55.3 | 56.7 | 57.0 | | | |
| | .71 | .68 | .69 | | | | 57.2 | 56.6 | 57.0 | 57.7 | | | |
| | .62 | .62 | .71 | | | | 56.7 | 57.6 | 57.1 | 57.4 | | | |
| | .61 | .70 | .60 | | | | 57.5 | 57.9 | 57.7 | 58.3 | | | |
| | | .74 | .69 | | | | 57.3 | | 56.8 | | | | |
| | | | .73 | | | | 55.9 | | 57.4 | | | | |
| | | | .65 | | | | | | | | | | |
| | -73.662 | .676 | 9 .680 | -.018 | -.0041 | | +3 56.43 | 56.73 | 8 56.60 | 57.67 | +.17 | -.13 | -.07 |
| | - 29 | - 17 | 7 693 | | | | - 35 | - 24 | 6 5745 | - 22 | | | |
| | | | 6 691 | 22 1917 | 22 -73.687 | | | | 6 5649 | | | | |
| | | | | | | | | | 7 56.08 | 27 | 1700 +3 | | 56.63 |
| 1877 | | | | | | | | | | | | | |
| Jan 2 | -82.92 | .88 | .93 | | | | +3 56.6 | 58.3 | 56.8 | 57.2 | | | |
| | .94 | .91 | .82 | | | | 57.7 | 58.4 | 57.2 | 56.6 | | | |
| | .91 | .89 | .89 | | | | 56.8 | 58.3 | 56.5 | 55.7 | | | |
| | .86 | .89 | .84 | | | | 56.4 | 56.3 | 56.0 | 56.2 | | | |
| | .92 | .89 | .90 | | | | 56.7 | 56.3 | 56.4 | | | | |
| | .87 | .84 | 83.02 | | | | 55.9 | 57.0 | 55.5 | | | | |
| | | .87 | 82.90 | | | | | 57.1 | 56.2 | | | | |
| | | .86 | 83.01 | | | | | 56.7 | 57.6 | | | | |
| | | .89 | 82.89 | | | | | 56.7 | 56.4 | | | | |
| | | .86 | .83 | | | | | 56.4 | 56.3 | | | | |
| | | .94 | 8 | | | | +3 56.68 | 57.25 | 10 56.49 | 56.42 | -.19 | -.76 | +.07 |
| | -82.903 | .888 | 10 .903 | -.000 | -.065 | | - 16 | - 27 | 4 56.23 | 19 | | | |
| | - 29 | - 24 | 11 ~~.882~~ | | | | | | 10 56.98 | | | | |
| | | | 6 .932 | 27 24104 | -82.893 | | | | 6 56.52 | 30 | 1874 +3 | | 56.62 |
| | | | | | .913 | | | | | | | | |
| Jan 3 | | | | | | | +3 | | | 54.3 | | | |
| | | | | | | | +3 | | | 57.30 | | | |
| | | | | | | | - 15 | - 28 | 1 54.12 | - 18 | | | |
| | | | | | | | | | | 1 | 12 +3 | | 54.12 |
| Jan 4 | -85.93 | .98 | .90 | | | | +3 57.5 | 57.1 | | 56.7 | | | |
| | .90 | .97 | .88 | | | | | 57.7 | | | | | |
| | | .91 | .85 | | | | | 57.7 | | | | | |
| | | .97 | .98 | | | | | 55.4 | 56.6 | | | | |
| | | .87 | .87 | | | | | 57.5 | 55.2 | | | | |
| | | .95 | .87 | | | | | 57.1 | 57.2 | | | | |
| | | | | | | | | 55.7 | 56.6 | | | | |
| | | | | | | | | | 56.1 | | | | |
| | -85.915 | .942 | 6 .873 | +.042 | +.069 | | +3 57.50 | 56.89 | 5 56.34 | 56.70 | -1.16 | -.55 | -.36 |
| | - 30 | - 24 | 6 .966 | | | | - 14 | - 29 | 1 ~~56.52~~ | - 18 | | | |
| | | | 2 .945 | 14 12924 | -85.923 | | | | 7 ~~56.60~~ | | | | |
| | | | | | | | | | 1 57.36 | 14 | 778 | | 56.56 |
| Jan 13 | +24.15 | 23.95 .07 | .16 .07 | | | | | | | | | | |
| | | 24.07 .03 | 23.99 .02 | | | | -4 22.1 ✓ | 22.5 ✓ | 23.7 ~~22.7~~ ✓ 21.5 | 21.8 | | | |
| | | .06 | 24.07 .99 | | | | | 22.4 ✓ | 22.6 ✓ | 21.2 | | | |
| | | | | | | | | | 22.6 ✓ | 21.2 | | | |
| | +24.150 | 24.010 | 3 .073 .01 | -.077 | -.037 | | -4 22.10 | 22.45 | 5 22.62 | 21.40 | -.13 | +.22 | -.83 |
| | - 326 | - 22 | 2 23.988 | | | | - 2 | - 324 | 3 21.55 | - 15 | | | |
| | | .053 | 1 24.114 | | +24.051 | | | | 2 22.79 | 2345 | | | |
| | | | | | | | | | 1 22.12 | 1504 | 911 | | 2.218 |
| | | | 4 .038 | | | | | | | 2021 | | | |
| | | | 3 .031 | 7 35 | +24.035 | | | | | | | | |
| Jan 14 | +23.74 .75 | .58 .71 | .64 .67 | | | | -4 | 21.3 ✓ | 23.0 ✓ | 20.0 ✓ | | | |
| | | .69 .70 | .66 .65 | | | | | 22.8 ✓ | 22.3 ✓ | | | | |
| | | .72 .72 | .61 .67 | | | | | 21.4 ✓ | 21.6 ✓ | | | | |
| | | .74 .60 | .71 .61 | | | 5 .658 | | 23.1 ✓ | 21.3 ✓ | | | | |
| | | .62 | .69 | | | 4 .661 | | 20.8 ✓ | | | | | |
| | | | | | | 1 .713 | | 21.1 ✓ | | | | | |
| | +23.740 | .670 | 4 .655 | -.086 | -.015 | 10 .647 | -4 | 21.75 | 4 22.05 | 20.00 | | -.30 | -2.05 |
| | - ~~2337~~ | - 21 | 5 .649 | | | | - 1 | - 34 | 1 20.14 | - 14 | | | |
| | .750 | .682 | 1 .703 | | +23.657 | +23.665 | | | 6 22.09 | 11 | 2085 | | 21.90 |

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| | 1 | 2 | Zenith Group | Z−1 | Z−2 | | 1 | 2 | Zenith Group | 3 | z'−1 | z'−2 | z'−3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 −1.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Jan. 20 | +20.41 | .40 | .38 | | | | −4 22.2 | 22.7 | 22.4 | 23.5 | | | |
| | .43 | .39 | .40 | | | | 21.6 | 22.6 | 22.0 | 23.9 | | | |
| | .43 | .39 | .38 | | | | 23.6 | 22.1 | 21.6 | 24.1 | | | |
| | | .34 | .36 | | | | 21.9 | 23.1 | 22.6 | | | | |
| | | | .38 | | | | | | | | | | |
| | +20.423 | .380 | 6 .380 | −.043 | +.000 | | −4 22.32 | 22.62 | 4 22.15 | 23.83 | +.17 | +.47 | −1.65 |
| | − 36 | − 20 | 4 .360 | | | | + 7 | − 36 | 3 23.95 | − 12 | | | |
| | | | 3 .387 12 901 | | +20.375 | | | | 4 22.98 | | | | |
| | | | | | | | | | 4 22.25 | 15 | 3337 4137 −4 | | 22.27 76 |
| Jan. 23 | +19.62 | .60 | .52 | | | | −4 22.4 | 21.2 | 21.4 | | | | |
| | .69 | .62 | .61 | | | | 23.1 | 22.6 | 22.5 | | | | |
| | .80 | .64 | .62 | | | | 23.9 | 23.2 | 24.0 | Dec 1877 | | | |
| | | .77 | .66 | | | | | | 23.0 | | | | |
| | | | .63 | | | | | | 20.8 | | | | |
| | | | .65 | | | | | | 24.3 | | | | |
| | +19.704 | .658 | 6 .615 | −.089 | −.043 | | −4 23.13 | 22.33 | 6 22.67 | | +.46 | −.34 | |
| | − 44 | − 19 | 4 .639 | | | | + 9 | − 36 | 3 22.69 | − 10 | | | |
| | | | 3 .660 13 426 | | +19.633 | | | | 3 23.04 | 12 | 2321 −4 | | 22.78 |
| Jan. 23 | +19.76 | .64 | | | | | −4 22.6 | 21.9 | | | | | |
| | | .66 | | | | | | 22.7 | | | | | |
| | +19.760 | .650 | 2 .631 | | | | −4 22.60 | 22.30 | | | | | |
| | − 44 | − 19 | 1 .716 | | (+19.659) | | + 9 | − 36 | 2 22.66 | − 10 | | | |
| | | | | | | | | | 1 .51 | 3 | 583 −4 | | 22.61 |
| Jan. 24 | +19.65 | .571 | | | | | −4 24.3 | 25.1 | | | | | |
| | +19.650 | .540 | | | | | −4 24.30 | 25.10 | | | | | |
| | − 46 | − 19 | 1 .521 | | | | + 12 | − 35 | 1 25.45 | − 8 | | | |
| | | | 1 .604 2 1125 | | +19.562 | | | | 1 24.18 | 2 | 963 −4 | | 24.81 |
| Jan. 25 | +19.27 | .03 | | | | | −4 21.3 | 21.1 | | | | | |
| | | .09 | | | | | | 21.6 | | | | | |
| | +19.270 | .060 | 2 .041 | | | | −4 21.30 | 21.35 | | | | | |
| | − 47 | − 19 | 1 .223 3 305 | | +19.102 | | + 11 | − 36 | 2 21.71 | − 4 | | | |
| | | | | | | | | | 1 21.19 | 3 | 161 −4 | | 21.54 |
| Jan. 30 | +16.94 | .97 | .92 | | | | −4 22.4 | 21.3 | 22.2 | 22.6 | | | |
| | .99 | .93 | .96 | | | | 22.8 | 21.1 | 23.1 | 22.4 | | | |
| | .94 | .94 | .95 | | | | 22.3 | 21.5 | 23.0 | | | | |
| | .96 | .92 | .96 | | | | 21.7 | 21.6 | 23.7 | | | | |
| 41.3 | .95 | 17.00 | 17.01 | | | | 21.9 | 20.9 | 21.5 | | | | |
| | .93 | | .95 | | | | 22.1 | | 22.2 | | | | |
| | .96 | | .92 | | | | | | 24.2 | | | | |
| | +16.953 | .952 | 7 .951 | −.002 | −.001 | | −4 22.20 | 21.28 | 7 22.56 | 22.50 | −.36 | −1.28 | −.06 |
| | − 49 | − 18 | 5 .934 | | | | + 13 | − 35 | 2 22.58 | − 8 | | | |
| | | | 7 .904 19 555 | | +16.929 | | | | 5 21.63 | | | | |
| | | | | | | | | | 6 22.07 | 20 | 4365 −4 | | 22.18 |
| Jan. 30 | +16.50 | | .55 | | | | −4 23.1 | | 21.2 | | | | |
| | .56 | | | | | | 21.2 | | | | | | |
| | +16.530 | | 1 .550 | | −.020 | | −4 22.15 | | 1 21.20 | | +.95 | | |
| 179 | − 49 | − 18 | 2 .481 3 1512 | | +16.504 | | + 13 | − 35 | 2 22.02 | − 8 | | | |
| | | | | | | | | | | 3 | 524 −4 | | 21.75 |
| Feb. 21 | +15.89 | .83 | | | | | −4 22.7 | 21.0 | | 23.6 | | | |
| | +15.890 | .830 | 1 .813 | | | | −4 22.40 | 21.00 | | 23.60 | | | |
| 56 | − 51 | − 17 | 1 .839 2 52 | | +15.826 | | + 14 | − 35 | 1 23.67 | − 7 | | | |
| | | | | | | | | | 1 21.35 | | | | |
| | | | | | | | | | 1 22.56 | 3 | 158 −4 | | 22.53 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +.691 | | | | +.79 +.54 | +.54 +.13 | +13 ~~+~~.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | | |
| Feb. 1 | +15.75 | .73 | ~~.88~~ | | | | -4 21.4 | 20.8 | | | | | |
| | +15.750 | .730 | | | | | -4 21.40 | 20.80 | | | | | |
| 15.5 | - 51 | - 17 | 1 .713 | | | | + 14 | - 35 | 1 21.15 | - 7 | | | |
| | | | 1 .699 | 2 1412 | (+15.706) | | | | 1 .26 | 2 | 41 | -4 | 21.20 |
| Feb 3 | +15.21 | .13 | .13 | | | | -4 20.7 x | 19.8 x | 21.4 x | ~~23.2~~ | | | |
| | .13 | .21 | .20 | | | | 21.2 x | 18.8 x | 21.2 x | 22.1 | | | |
| | .10 | .12 | .12 | | | | 20.1 x | 18.4 x | 20.5 x | 20.6 | | | |
| | .11 | .27 | .16 | | | | 23.2 x | 19.6 x | 18.7 x | 20.4 | | | |
| ~~5.~~ | | .18 | .06 | | | | | 19.9 x | 20.9 x | 21.1 | | | |
| 4.0 | | | .16 | | | | | | 20.6 x | 20.8 | | | |
| | +15.138 | .182 | 6 .138 | +.000 | -.044 | | -4 ~~21.30~~ 20.87 | 19.30 | 6 20.55 | ~~22.37~~ 21.06 | +.12 | -1.25 | +1.82 |
| | - 52 | - 16 | 5 .166 | | | | + 15 | - 27 | 6 20.94 - | | | | |
| | | | 4 .086 | 15 2002 | +15.133 | | | | 5 19.57 | | | | |
| | | | | | | | | | 3 ~~20.52~~ 21.15 | 20 | ~~1719~~ 1949 | -4 | ~~20.57~~ 21.91 |
| Feb 4 | +14.94 | .90 | .91 | | | | -4 20.2 | 19.5 | 19.5 | 20.7 | | | |
| | .95 | .87 | .91 | | | | 20.2 | 21.5 | 21.3 | 21.9 | | | |
| | .90 | .80 | .87 | | | | 22.2 | 21.9 | 19.0 | 22.2 | | | |
| | .95 | .85 | .89 | | | | 21.4 | 21.1 | 20.9 | 20.0 | | | |
| | .89 | | .91 | | | | 20.8 | | 21.0 | | | | |
| | .97 | | .85 | | | | 21.8 | | 22.0 | | | | |
| | .89 | | .90 | | | | 21.4 | | 20.5 | | | | |
| | +14.927 | .878 | 7 .896 | -.031 | +.018 | | -4 21.14 | 21.07 | 7 20.60 | 21.~~75~~ 20 | -.46 | -.60 | -.15 |
| | - 53 | - 16 | 4 .862 | | | | + 15 | - 25 | 4 21.84 - | 6 | | | |
| | | | 7 .874 | 18 1438 | +14.880 | | | | 4 21.25 | | | | |
| | | | | | | | | | 7 20.99 | 22 | 717 ~~724~~ | | ~~21.33~~ 20.94 |
| Feb 5 | +14.77 | .78 | .78 | | | | -4 22.7 | 22.6 | 21.5 | 21.6 | | | |
| | | .72 | .71 | | | | | 21.6 | 22.4 | 22.5 | | | |
| | | | .73 | | | | | | 20.9 | 21.6 | | | |
| | | | | | | | | | | 21.3 | | | |
| | +14.770 | .750 | 3 .740 | -.030 | -.010 | | -4 22.70 | 22.10 | 3 21.60 | 21.75 | +1.10 | +.50 | +.15 |
| | - 54 | - 16 | 2 .734 | | | | + 16 | - 24 | 4 .80 - | 5 | | | |
| | | | 1 .716 | 6 204 | +14.734 | | | | 2 22.34 | | | | |
| | | | | | | | | | 1 .54 | 10 | 1922 | -4 | 21.92 |
| Feb 5 | +14 | | .46 | | | | -4 | | ~~20.3~~ | 20.3 | | | |
| | | | .47 | | | | | | x | 20.0 | | | |
| 19h | +14 | | .465 | | | | | | | 20.15 | | | |
| | - 54 | -16 | - ~~.16~~ | | (+14.465) | | + 16 | - 24 | 2 20.20 - | 5 | | | |
| | | | ~~.449~~ | | | | | | | 2 | 40 | -4 | 20.20 |
| Feb 6 | +14.47 | .47 | .38 | | | | -4 21.3 | 20.7 | 22.0 | | | | |
| | .49 | .45 | .37 | | | | 21.8 | 20.9 | 22.4 | | | | |
| | .39 | .37 | .41 | | | | 20.3 | 20.7 | 22.5 | | | | |
| | | | .45 | | | | | | 20.1 | | | | |
| 21 | +14.450 | .430 | 4 .402 | -.048 | -.028 | | -4 21.13 | 20.77 | 4 21.75 | | +.62 | -.98 | |
| | - 54 | - 15 | 3 .415 | | | | + 16 | - 23 | 3 ~~.00~~ - | 5 | | | |
| | | | 3 .396 | 10 4041 | +14.404 | | | | 3 20.97 | 10 | 1291 | -4 | 21.29 |
| Feb 6 | +14.28 | | .26 | | | | -4 19.0 | 20.8 | 20.1 | | | | |
| | .35 | | | | | | | | ~~20.0~~ | | | | |
| | +14.315 | | 1 .260 | -.055 | | | -4 19.00 | 20.80 | 1 20.10 | | -1.10 | +.70 | |
| 17h | - 54 | - 15 | 2 .261 | 3 182 | 8+14.261 | | + 16 | - 23 | 1 21.03 - | 5 | | | |
| | | | | | | | | | 1 18.84 | 3 | 5997 | -4 | 19.99 |
| Feb 7 | +14.030 | 13.920 | | | | | -4 22.6 | 21.3 | | | | | |
| | - .54 | - .15 | | | | | +16 | - 22 | | 22.76 | | | |
| | | | 1 13.905 | | | | 1 | | | 21.07 | | 4 | 21.91 |
| | | | 1 .976 | 2 81 | +14.405 | | | | | | | | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.571 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1877 | | | | | | | | | | | | |
| Feb. 8 | 0 | 0 | 0 | | | 1 | 1 | 1 | 1 | | | |
| | +13.59 | .82 | .84 | | | -4 21.1 | 20.5 | 20.6 | 19.9 | | | |
| | .88 | .81 | .79 | | | (23.5) | 20.7 | 21.6 | 21.0 | | | |
| | .81 | .80 | .86 | | | 20.4 | 21.8 | 18.6 | 18.9 | | | |
| | .87 | .74 | | | | 20.1 | 20.3 | 21.6 | 20.7 | | | |
| | .91 | | | | | 21.1 | | | | | | |
| | .80 | | | | | 18.9 x | | | | | | |
| | +13.860 | .792 | 3 .830 | -.030 | +.038 | -4 20.55 | 20.82 | 4 20.58 | 20.12 | +.27 | +.24 | -.46 |
| | - 55 | - 15 | 4 .777 | | | + 17 | - 22 | 4 20.16 | - 4 | | | |
| | | | 6 805 1328 | | +13.802 | | | 4 21.04 | | | | |
| | | | | | | | | 5 20.48 | 18 | 1120 | -4 | 20.62 |
| Feb. 10 | 2 | | | | | | | | | | | |
| | +13.94 | .93 | 12.99 | | | -4 20.6 | 19.2 | 19.3 | 21.2 | | | 46 |
| | | .90 | .86 | | | | | 20.7 | | | | |
| | | | .95 | | | | | 20.2 | | | | |
| | | | | | | | | 20.6 | | | | |
| | | | | | | | | 19.9 | | | | |
| | +13.940 | .915 | 3 .927 | -.013 | +.012 | -4 20.60 | 19.20 | 5 20.14 | 21.20 | +.46 | -.94 | + |
| | - 55 | - 15 | 2 .900 | | | + 17 | - 21 | 1 21.24 | - 4 | | | |
| | | | 1 .885 6 66 | | +13.911 | | | 1 19.41 | | | | |
| | | | | | | | | 1 20.43 | 8 | 178 | -4 | 20.22 |
| Feb. 11 | +12.39 | .35 | .24 | | | -4 21.3 | 20.8 | 20.9 | 21.5 | | | |
| | | .32 | .29 | | | | 21.0 | 20.7 | 20.3 | | | |
| | | .28 | .31 | | | | 20.9 | 20.5 | 21.0 | | | |
| | | .37 | | | | | 20.6 | | 21.0 | | | |
| | | .37 | | | | | 20.5 | | 21.1 | | | |
| | | | | | | | | | 20.8 | | | |
| | +12.390 | .338 | 3 .280 | -.119 | -.058 | -4 21.30 | 20.76 | 3 20.70 | 20.95 | +.60 | +.06 | +.25 |
| | - 55 | - 15 | 5 .323 | | | + 18 | - 21 | 6 99 | - 4 | | | |
| | | | 1 .335 9 2790 | | + 12.310 | | | 5 97 | | | | |
| | | | | | | | | 1 21.12 | 15 | 1401 | -4 | 20.93 |
| Feb. 12 | +11.86 | .84 | .70 | | | -4 22.7 | | 21.5 | | | | |
| | .80 | | | | | 23.1 | | | | | | |
| | +11.830 | .840 | 1 .700 | -.130 | -.140 | -4 22.90 | | 1 21.50 | | +1.40 | | |
| | - 55 | - 14 | 1 .826 | | | + 19 | - 21 | 2 22.71 | - 3 | | | |
| | | | 2 .775 4 3076 | | +11.769 | | | | 3 | 692 | -4 | 22.31 |
| Feb. 13 | +11.63 | .55 | .43 | | | -4 20.8 | 21.8 | 21.1 | 20.52 | | | |
| | | .50 | .51 | | | 22.3 | 21.6 | 20.8 | | | | |
| | | .56 | | | | | 20.6 | | | | | |
| | | .59 | | | | | | | | | | |
| | +11.630 | .550 | 2 .470 | -.160 | -.080 | -4 21.55 | 21.33 | 2 20.95 | 20.50 | +1.60 | +.38 | -.45 |
| | - 55 | - 14 | 4 .536 | | | + 19 | - 21 | 1 20.53 | - 3 | | | |
| | | | 1 .575 7 3659 | | +11.523 | | | 3 21.54 | | | | |
| | | | | | | | | 2 21.36 | 8 | 977 | -4 | 21.22 |
| Feb. 14 | +10.95 | .91 | .82 | | | -4 21.2 | 20.5 | 21.7 | 20.8 | | | |
| | .96 | .85 | .88 | | | 21.1 | 20.9 | 20.2 | 21.6 | | | |
| | .97 | .89 | | | | 22.3 | 21.4 | | | | | |
| | .93 | .92 | | | | 21.1 | 20.4 | | | | | |
| | | .94 | | | | | 20.8 | | | | | |
| | +10.952 | .902 | 2 .850 | -.102 | -.052 | -4 21.43 | 20.80 | 2 20.95 | 21.20 | +.48 | -.15 | +.25 |
| | - 55 | - 13 | 5 .889 | | | + 20 | - 21 | 2 21.22 | - 2 | | | |
| | | | 4 897 11 933 | | +10.885 | | | 5 21.01 | | | | |
| | | | | | | | | 4 21.23 | 13 | 1431 | -4 | 21.10 |
| Feb. 15 | +10.14 | .14 | .12 | | | -4 19.6 | 20.9 | 21.1 | 21.1 | | | |
| | .19 | .11 | .12 | | | 20.1 | 19.7 | 19.6 | 21.0 | | | |
| | .22 | .11 | .10 | | | 21.3 | 19.7 | 20.1 | 22.2 | | | |
| | .19 | .17 | .11 | | | 19.7 | 20.3 | 20.2 | | | | |
| | | | .14 | | | | | 20.2 | | | | |
| | | | .08 | | | | | 21.4 | | | | |
| | | | .15 | | | | | 20.5 | | | | |
| | +10.185 | .132 | 7 .117 | -.068 | -.015 | -4 20.18 | 20.15 | 7 20.44 | 21.43 | -.26 | -.29 | +.99 |
| | - 55 | - 13 | 4 119 | | | + 20 | - 21 | 3 21.45 | - 2 | | | |
| | | | 4 130 15 315 | | +10.121 | | | 4 20.36 | | | | |
| | | | | | | | | 4 19.98 | 18 | 849 | -4 | 20.49 |

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| | 1 | 2 | Zenith Group | Z31 | Z-2 | | 1 | 2 | Zenith Group | x3x | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Feb 19 | +9° | ,09 | | | | h 4.5 | -4' | 19.0 | | | | | |
| | +9 | ,090 | | | | | -4 | 19.00 | | | | | |
| 4.5 | - 54 | - 12 | +9.078 | | +9.078 | | + 21 | - 21 | 1 19.21 | - 1 / 1 | 21 | -4 | 19.21 |
| Feb 19 | +8 | ,93 | | | | | -4 | 17.0 | | | | | |
| | +8 | ,930 | | | | | -4 | 17.00 | | | | | |
| 17.5 | - 54 | - 12 | +8.918 | | (+8.918) | | + 21 | - 21 | 17.21 | - 1 / 1 | 21 | -4 | 17.21 |
| Feb 20 | +8.60 | ,56 | ,49 | | | 5.7 | -4 18.4 | 18.9 | 18.7 | 19.2 | | | |
| | ,571 | ,57 | ,49 | | | | 19.3 | 19.0 | 19.1 | 19.8 | | | |
| | ,50 | ,48 | ,55 | | | | 18.5 | 18.7 | 17.8 | 19.1 | | | |
| | ,52 | ,57 | | | | | 19.5 | 18.0 | | 20.1 | | | |
| | | ,58 | | | | | 18 | 18.9 | | | | | |
| | +8.540 | ,540 | 3 ,510 | -.030 | -.030 | | -4 18.92 | 18.70 | 3 18.53 | 19.43 | +.39 | +.17 | +.90 |
| | - 53 | - 12 | 5 ,528 | | | | + 21 | - 20 | 4 19.44 - 1 | | | | |
| | | | 4 ,487 12 6118 | | +8.510 | | | | 5 16.90 | | | | |
| | | | | | | | | | 4 18.71 | 16 | 1460 | -4 | # 18.91 |
| Feb 20 | +8.19 | ,12 | ,17 | | | | -4 18.7 | 19.3 | 17.8 | | | | |
| | +8.190 | ,120 | 1 ,170 | -.020 | +.050 | 19.1 | -4 18.70 | 19.30 | 1 17.80 | | +.90 | +1.50 | |
| | - 53 | - 12 | 1 ,108 | | | | + 22 | - 20 | 1 19.50 - 1 | | | | |
| | | | 1 ,137 3 115 | | +8.138 | | | | 1 18.48 | 3 | 2578 | -4 | 18.59 |
| Feb 21 | +7.65 | ,65 | ,62 | | | | -4 18.4 | 17.3 | 17.1 | 17.8 | | | |
| | ,72 | ,72 | ,56 | | | | 18.2 | 15.9 | 18.4 | 17.1 | | | |
| | ,71 | ,69 | ,65 | | | | 17.8 | 17.3 | 18.1 | 18.3 | | | |
| 5.7 | ,74 | | ,67 | | | | 18.2 | | 17.5 | | | | |
| | ,77 | | | | | | 17.1 | | | | | | |
| | ,70 | | | | | | 18.1 | | | | | | |
| | +7.715 | ,687 | 4 ,625 | -.090 | -.062 | 5.7 | -4 17.97 | 16.83 | 4 17.78 | 17.73 | +.19 | -.95 | -.05 |
| | - 50 | - 12 | 3 ,675 | | | | + 22 | - 20 | 3 ,74 - | / | | | |
| | | | 6 ,665 13 715 | | +7.655 | | | | 3 .03 | | | | |
| | | | | | | | | | 6 75 | 16 | 993 | -4 | 17.62 |
| Feb 21 | | | | | | | -4 | 17.3 | | | | | |
| | | | | | | | | 18.8 | | | | | |
| 17.3 | | | | | ( ) | | -4 | 17.05 | | | | | |
| | | | | | | 17.3 | + 22 | - 20 | 2 17.26 - | 1 / 2 | 50 | -4 | 17.25 |
| Feb 22 | +6.80 | ,74 | ,70 | | | | -4 17.5 | 18.5 | 19.9 | 17.7 | | | |
| | ,78 | ,76 | ,69 | | | | 18.4 | 17.2 | 17.8 | 17.4 | | | |
| | +6.790 | ,750 | 2 ,695 | -.095 | -.055 | | -4 17.95 | 17.85 | 2 18.85 | 17.55 | -.02 | -1.00 | -1.30 |
| | - 49 | - 12 | 2 ,738 | | | | + 22 | - 20 | 2 17.55 + | 00 | | | |
| | | | 2 ,741 6 4348 | | +6.725 | | | | 2 18.05 | | | | |
| | | | | | | | | | 2 17.73 | 8 | 36 | -4 | 18.04 |
| Feb 26 | +4.95 | ,94 | ,93 | | | | -4 16.5 | 18.3 | 16.7 | | | | |
| | ,93 | | | | | | | 17.2 | | | | | |
| | +4.940 | ,940 | 1 ,930 | -.010 | -.010 | | -4 16.50 | 17.75 | 1 16.70 | - | -.20 | -1.05 | |
| | - 37 | - 11 | 1 ,929 | | | | + 23 | - 20 | 2 17.95 + | 00 | | | |
| | | | 2 ,903 4 65 | | (+4.916) | | | | 1 16.27 | 4 | 2887 | -4 | 17.22 |
| Feb 27 | +4.62 66 | ,50 54 | ,47 49 | | | | -4 17.4 | 17.7 | 19.9 | 17.5 | | | |
| | ,56 57 | ,58 58 | ,47 48 | | | | 17.4 | 18.2 | 16.9 | 16.6 | | | |
| | ,55 56 | ,59 59 | ,63 63 | | | | 17.6 | 17.6 | 16.7 | 16.2 | | | |
| 6.5 | ,54 54 | ,63 62 | ,57 55 | | | | 18.5 | 17.3 | 16.6 | | | | |
| | | ,60 58 | | | | | | 16.6 | | | | | |
| | | ,50 47 | | | | | | 17.1 | | | | | |
| | | ,55 52 | | | | | | 17.8 | | | | | |
| | | ,59 53 | | | | | | 17.1 | | | | | |
| | +4.568 | ,568 | 4 ,535 | -.033 | -.033 | | -4 17.72 | 17.42 | 4 17.52 | 16.77 | +.20 | -.10 | -.75 |
| | - 32 | - 10 | 8 ,558 | | | | + 23 | - 20 | 3 16.77 + | 00 | | | |
| | .588 | .556 | 4 536 16 748 | | +4.547 | | | | 8 17.62 | | | | |
| | | | 4 ,538 | | | | | | 4 17.49 | 19 | 4131 | | 17.44 |
| | | | 8 546 | | | | | | | | | | |
| | | | 4 556 | 16 744 | +4.547 | | | | | | | | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70+1.91 | | | | +.79 +.54 | +.54+.13 | +.13−.38 | −.38−.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Feb. 27 | +4.022 | | .10 | | | | −4 16.8 | | 16.4 | | | | |
| | .16 | | | | | | 18.41 | | | | | | |
| 193 | +4 .190 | | 1 .100 | −.090 | | | −4 17.60 | | 1 16.40 | | | | |
| | − 32 | − 10 | 2 .158 3 | 116 | (+4.139) | | + 23 | − 21 | 2 17.34 | + 1 | | | |
| | | | | | | | | | | 3 | 2114 | −4 | 17.05 |
| Feb. 28 | +3.82 .90 | .88.76 | .77 .70 | | | | −4 17.1 | 17.8 | 18.3 | 17.2 | | | |
| 5.6 | | .85 84 | .86 .81 | | | | | 17.5 | 19.0 | 19.2 | | | |
| | | .85 85 | .68 .66 | | | | | 16.2 | 17.7 | | | | |
| | | .86 92 | | | | 3 .723 | | 17.2 | | | | | |
| | | .83 90 | | | | 6 842 | | 16.3 | | | | | |
| | | .74 84 | | | | 1 870 | | 16.2 | | | | | |
| | +3.820 | .835 | 3 .770 | −.050 | −.060 | 10 8091 | −4 17.10 | 16.87 | 3 18.33 | 18.20 | −1.23 | −1.46 | −.13 |
| | − 30 | − 10 | 6 825 | | | | + 24 | − 21 | 2 18.19 | + 1 | | | |
| | 900 | .852 | 1 790 10 | 8050 | +3.805 | +3.800 833 | | | 6 17.08 | | | | |
| | | | | | | | | | 1 16.86 | 12 | 9071 | −4 | 17.56 |
| Feb. 28 | +3 | .61 | | | | | −4 | 18.9 | | | | | |
| | | .63 | | | | | | 17.0 | | | | | |
| 173 | − 30 | .620 | | | | | −4 | 17.95 | | | | | |
| | − 30 | 10 | | | | | + 24 | − 21 | 2 18.16 | + 1 | | | |
| | | 1 .610 | 2 .610 | | (+3.610) | | | | | 2 | 32 | −4 | 16.16 |
| Mar. 1 | +3.27 | .24 | .29 | | | | −4 16.7 | 16.4 | 17.6 | 17.7 | | | |
| | .29 | .23 | .27 | | | | 16.3 | 15.9 | 19.2 | 16.3 | | | |
| | .30 | .28 | .23 | | | | 15.6 | 16.6 | 16.8 | 17.0 | | | |
| | | .22 | .21 | | | | | 15.7 | 17.6 | | | | |
| | | .29 | | | | | | 14.9 | 17.6 | | | | |
| | +3.287 | .252 | 4 .250 | −.037 | −.002 | | −4 16.20 | 15.84 | 5 14.76 | 17.00 | −1.56 | −1.92 | −.76 |
| | − 27 | − 9 | 5 243 | | | | + 24 | − 21 | 3 16.99 | + 1 | | | |
| | | | 3 260 12 | 595 | +3.249 | | | | 5 16.05 | | | | |
| | | | | | | | | | 3 15.96 | 16 | 1190 | −4 | 16.74 |
| Mar. 4 | +1.92 | .79 | 2.02 | | | | −4 15.5 | 16.1 | 14.3 | 14.7 | | | |
| | .81 | .98 | | | | | | 16.7 | 15.1 | 14.6 | | | |
| | | 2.02 | | | | | | | 15.4 | | | | |
| | +1.865 | .930 | 1 2.020 | +.155 | +.090 | | −4 16.10 | 15.53 | 1 14.30 | 14.65 | +1.30 | +1.23 | +.35 |
| | − 25 | − 9 | 3 1.921 | | | | + 24 | − 22 | 2 15.64 | + 1 | | | |
| | | | 2 1.840 6 | 5463 | +1.910 | | | | 3 15.75 | | | | 15.32 |
| | | | | | | | | | 2 15.86 | 8 | 455 | −4 | 4.54 15.18 |
| Mar. 5 | +0 | .99 | | | | | −4 | 15.6 | | | | | |
| | +0 | .990 | | | | | −4 | 15.60 | | | | | |
| 170 | − 24 | − 9 | 1 .981 | | (+0.981) | | + 24 | − 23 | 1 15.83 | + 1 | | | |
| | | | | | | | | | | 1 | 83 | −4 | 15.83 |
| Mar. 6 | +0.50 | .54 | .51 | | | | −4 (17.7) | 15.0 | 14.0 | 15.0 | | | |
| | .53 | .47 | | | | | 16.5 | 15.7 | | 14.8 | | | |
| | | .46 | | | | | 16.50 | 14.7 | | | | | |
| | +0.515 | .490 | 1 .510 | −.005 | +.020 | | −4 17.10 | 15.13 | 1 14.00 | 14.90 | +3.10 | +1.13 | +.90 |
| | − 24 | − 9 | 3 .481 | | | | + 25 | − 24 | 2 14.89 | + 1 | | | |
| | | | 2 .491 6 | 2935 | +0.489 | | | | 3 15.37 | | | | |
| | | | | | | | | | 1 16.45 23 | 8 | 4359 | −4 | 15.45 .16 |
| Mar. 7 | −0 .39 | .43 | | | | | −4 14.5 | 14.5 | | 15.7 | | | |
| | | | | | | | | | | 15.9 | | | |
| | −0 .390 | .430 | | | | | −4 14.50 | 14.50 | 2 15.79 | 15.80 | | | |
| | − 24 | − 9 | 1 .430 | | | | + 25 | − 24 | 1 14.74 | + 1 | | | |
| | | | 1 .414 2 | 853 | −0.426 | | | | 1 14.25 | 4 | 57 | −4 | 15.14 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1844 | | | | | | | | | | | | | |
| Mar. 11 | -3.73 | .71 | .76 | | | | -4 | 13.2 | 12.9 | 14.0 | | | |
| | | .77 | .65 | | | | | 14.3 | 14.2 | 13.6 | | | |
| | | .72 | .84 | | | | | 15.1 | 13.6 | 15.1 | | | |
| | | .69 | .79 | | | | | 12.8 | 14.2 | 13.2 | | | |
| | | | | | | | | 13.4 | | | | | |
| | -3.730 | .723 | 4 .760 | -.030 | -.037 | | -4 | 13.76 | 4 13.72 | 13.98 | | +.04 | +.26 |
| | - 22 | - 8 | 4 .731 | | | | + 25 | - 27 | 4 .97 | + 1 | | | |
| | | | 1 .752 9 416 | | -3.746 | | | | 5 14.03 | 13 | 5091 | -4 | 13.92 |
| Mar. 15 | -7.83 .84 | .74 .78 | .76 .74 | | | | -4 13.1 | 13.0 | 13.6 | 12.5 | | | |
| | .77 .74 | .83 .65 | .84 .81 | | | | 13.7 | 12.9 | 13.0 | 13.3 | | | |
| | | .84 | .85 .81 | | | | | | 13.6 | 14.6 | | | |
| | -7.800 | .785 | 3 .817 | -.017 | -.032 | | -4 13.40 | 12.95 | 3 13.40 | 13.47 | +.00 | -.45 | +.07 |
| | - 20 | - 8 | 2 .793 | | | | + 25 | - 30 | 3 .46 | + 1 | | | |
| | .790 | .757 | 2 .820 9 5677 | | -7.811 | | | | 2 .25 | | | | |
| | | | 3 .787 | | | | | | 2 .15 | 10 | 338 | -4 | 13.34 |
| | | | 8 .765 | | | | | | | | | | |
| | | | 2 .810 8 671 | | -7.784 | | | | | | | | |
| Mar. 20 | -12.69 | .79 | .69 | | | | -4 13.5 | 13.3 | 14.3 | 14.0 | | | |
| | .72 | .82 | .86 | | | | 14.2 | 13.2 | 14.0 | 13.8 | | | |
| | .67 | .73 | .81 | | | | 15.0 | 13.6 | 15.4 | 13.1 | | | |
| | | | | | | | | | 15.3 | 15.4 | | | |
| | -12.693 | .780 | 3 .787 | -.094 | -.007 | | -4 14.23 | 13.37 | 4 14.75 | 14.08 | -.52 | -1.38 | -.67 |
| | - 20 | - 7 | 3 .787 | | | | + 25 | - 35 | 4 .07 | + 1 | | | |
| | | | 3 .713 9 561 | | -12.762 | | | | 3 13.72 | | | | |
| | | | | | | | | | 8 13.98 | 14 | 5838 | -4 | 14.17 |
| Mar. 24 | -16.26 | .30 | .26 | | | | -4 13.5 | 14.6 | 12.9 | 13.3 | | | |
| | .28 | .26 | .25 | | | | 12.8 | 13.7 | 13.9 | 13.2 | | | |
| | .26 | | .33 | | | | 14.1 | 13.1 | 14.4 | 12.8 | | | |
| | .33 | | .30 | | | | 13.6 | | 12.0 | | | | |
| | .22 | | | | | | 14.0 | | | | | | |
| | -16.270 | .280 | 4 .285 | -.015 | -.005 | | -4 13.60 | 13.80 | 4 13.55 | 13.10 | +.05 | +.25 | -.45 |
| | - 19 | - 7 | 2 .287 | | | | + 25 | - 38 | 3 .10 | + 00 | | | |
| | | | 5 .289 11 939 | | -16.285 | | | | 8 14.18 | | | | |
| | | | | | | | | | 5 13.35 | 15 | 5279 | -4 | 13.52 |
| Mar. 31 | -20 | | .78 | | | | -4 | | 25.1 | 24.6 | | | |
| | | | .81 | | | | | | 25.2 | | | | |
| | -20 | | 2 .795 | | | | -4 | | 2 25.15 | 24.60 | | | -.55 |
| | - 18 | - 7 | - | | -20.795 | | + 25 | - 42 | 1 24.62 | - 2 | | | |
| | | | | | | | | | | 3 | 1492 | -4 | 24.97 |
| Apr. 3 | -23.31 | .38 | .42 | | | | -4 24.3 | 24.0 | 24.3 | 24.4 | | | |
| | .32 | .39 | .40 | | | | | 23.5 | 24.1 | 24.3 | | | |
| | | | .37 | | | | | | 24.7 | 24.9 | | | |
| | | | .39 | | | | | | 23.9 | 23.5 | | | |
| | | | .31 | | | | | | | | | | |
| | -23.315 | .385 | 5 .378 | -.063 | +.007 | | -4 24.30 | 23.75 | 4 24.25 | 24.28 | +.05 | -.50 | +.03 |
| | - 19 | - 7 | 2 .392 | | | | + 24 | - 41 | 4 .30 | - 2 | | | |
| | | | 2 .334 9 642 | | -23.371 | | | | 2 .19 | | | | |
| | | | | | | | | | 1 .06 | 11 | 264 | -4 | 24.24 |
| Apr. 9 | -27.26 | .22 | .25 | | | | -4 23.2 | 22.4 | 21.7 | 23.5 | | | |
| | .18 | .25 | .17 | | | | 23.7 | 22.6 | 22.5 | 22.0 | | | |
| | .26 | .26 | .28 | | | | 24.1 | 21.2 | 22.9 | 21.5 | | | |
| | | | .31 | | | | | | 23.0 | 23.1 | | | |
| | | | .23 | | | | | | 23.1 | 24.0 | | | |
| | | | .20 | | | | | | | | | | |
| | -27.233 | .243 | 6 .240 | -.007 | +.003 | 92 | -4 23.33 | 22.07 | 5 22.64 | 22.82 | +.69 | -.57 | +.18 |
| | - 18 | - 8 | 3 .251 | | | | + 23 | - 46 | 5 .87 | - 5 | | | |
| | | | 3 .251 12 546 | | -27.245 | | | | 3 .53 | | | | |
| | | | | | | | | | 3 23.10 | 16 | 4444 | -4 | 22.76 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Apr. 9 | -27.64 | | | | | | -4 22.5 | | | 20.6 | | | |
| 19.7 | -27.640 | | -.640 | | (-27.640) | 19.7 | -4 22.50 | | | 20.60 | | | |
| | | | | | | | + 22 | - 47 | 1 20.66 | - 6 | | | |
| | | | | | | | | | 1 22.28 | 2 | 294 | -4 | 21.47 |
| Apr. 10 | | | | | | | | | | 19.6 | | | |
| | | | | | | | | | | 19.60 | | | |
| | | | | | | | + 22 | - 46 | 1 19.66 | - 6 | | | |
| | | | | | | | | | | 1 | | | 19.66 |
| Apr. 12 | -29.44 .44 | .30 .31 | .45 .45 | | | | 26.0 | 24.7 | 25.7 | 24.9 | | | |
| | | .35 .35 | .45 .45 | | | | | 25.8 | 25.7 | 24.1 | | | |
| | | .39 .39 | .31 .44 | | | | | | 24.6 | 24.8 | | | |
| | | | .45 .35 | | | | | | 25.0 | 25.2 | | | |
| | | | .36 | | | | | | 26.4 | | | | |
| | -29.440 | .347 | 5 .404 | +.036 | -.057 | | -4 26.00 | 25.25 | 5 25.48 | 24.75 | -.52 | -.23 | +.73 |
| | - 19 - 8 | | 3 .355 | | | | + 21 | - 48 | 4 24.82 | - 7 | | | |
| | .440 | .350 | 1 .459 9 | 35441 | -29.394 | | | | 2 25.73 | | 6393 | | |
| | | | 4 .422 | | | | | | 1 25.79 | 12 | 5993 | | 24.99 |
| | | | 3 .358 | | | | | | | | | | 25.33 |
| Apr. 12 | -29.60 | | 1 .459 | 8 3221 | -29.403 | | -4 | | | 24.4 | | | |
| | -29.600 | | | | | | | | | 24.40 | | | |
| 19.8 | - 19 - 8 | | 1 .619 | | (-29.619) | | + 21 | - 48 | 1 24.47 | - 7 | | | |
| | | | | | | | | | | 1 | 40 | | 24.40 |
| Apr. 15 | -31.36 | .42 | .38 | | | | .262 | 250 | 26.1 | 2 270 | | | |
| | .41 | .39 | .46 | | | | 26.8 | 25.7 | 27.0 | | | | |
| | .41 | .42 | .48 | | | | 26.6 | 25.6 | 25.7 | | | | |
| | | .37 | .37 | | | | | 26.2 | 27.6 | | | | |
| | - | .40 | .46 | | | | | 260 | 26.0 | | | | |
| | | | .37 | | | | | | 25.7 | | | | |
| 9.4 | | | .45 | | | | | See below. | 27.1 | | | | |
| | | | .34 | | | | | | | | | | |
| | -31.393 | .400 | 6 .414 | +.021 | -.014 | | 258 | | | | | | |
| | - 19 - 8 | | 5 .408 | | | | 275 | | | | | | |
| | | | 3 .412 | 16 188 | -31.412 | | 2670 | | | | | | 26.99 |
| | | | | | | | +21 | | | | | | |
| Apr. 15 | -31.62 | .62 | | | | | -4 26.2 | 25.5 | 27.0 | 26.9 | | | |
| | | | 1 .620 | | | | 26.8 | 25.7 | 26.6 | 26.9 | | | |
| | | | 1 .620 | 21240 | -31.240 | | 26.6 | 25.6 | 27.0 | 25.8 | | | |
| 19.4 | | | | | | | | 26.2 | 25.4 | 26.4 | | | |
| 19.7 | | | | | | | | 26.0 | 27.6 | | | | |
| | | | | | | | | | 26.0 | | | | |
| | | | | | | | | | 25.7 | | | | |
| | | | | | | | | | 27.1 | | | | |
| 19.7 | -31.620 | .620 | | | | | -4 26.53 | 25.80 | 8 26.55 | 26.50 | -.02 | -.75 | -.05 |
| | - 19 - 8 | | 1 .628 | | | | + 20 | - 48 | 4 26.60 | - 10 | | | |
| | | | 1 .639 | 2 67 | (-31.633) | | | | 5 26.28 | | | | |
| | | | | | | | | | 3 26.33 | 20 | 919 | -4 | 26.46 |
| Apr. 16 | -31.96 | -32.03 | .98 | | | | -4 26.7 | 26.0 | 25.0 | 26.4 | | | |
| | 32.00 | 31.98 | 32.03 | | | | 26.9 | 26.0 | 27.5 | 26.2 | | | |
| | 31.98 | .99 | .02 | | | | | 25.4 | 26.8 | 27.2 | | | |
| | | | .03 | | | | | | 25.9 | 25.7 | | | |
| | -31.980 | 32.000 | 4 .015 | -.035 | -.015 | | -4 26.80 | 25.80 | 4 26.30 | 26.38 | +.50 | -.50 | +.18 |
| | - 19 - 8 | | 32 008 | | | | + 18 | - 49 | 54 53 | - 15 | | | |
| | | | 31.999 | 10 081 | -32.008 | | | | 3 .29 | | | | |
| | | | | | | | | | 2 .62 | 13 | 543 | -4 | 26.42 |
| Apr. 22 | -34.05 .12 | .10 .15 | .04 .10 | | | | -4 27.1 | 27.1 | 27.4 | 27.0 | | | |
| | .12 .15 | .07 .11 | .09 .10 | | | | 27.3 | 27.3 | 27.1 | 26.7 | | | |
| | .10 .05 | .10 .12 | .03 .04 | | | | 28.1 | 26.8 | 26.1 | 26.6 | | | |
| | | .02 .00 | .08 .04 | | | 6 .065 | | 26.6 | 26.9 | | | | |
| | | .07 .05 | .11 .04 | | | 6 .092 | | 25.5 | 26.7 | | | | |
| | | .13 .07 | .10 .07 | | | 3 .127 | | 26.3 | 26.4 | | | | |
| | -34.090 | .082 | 6 .095 | +.015 | +.007 | 15 1323 | -4 27.50 | 26.60 | 6 26.77 | 26.77 | +.73 | -.17 | +.00 |
| | - 20 - 9 | | 6 .091 | | | | + 13 | - 50 | 3 27.09 | - 32 | | | |
| | .107 | .083 | 3 110 | 15 1326 | -34.088 | -34.088 | | | 6 .10 | 3/2 | | | |
| | | | | | | | | | 3 .37 | 18 | 60 | -4 | 27.03 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | +.18 +.16 | +.18 +.70 | +.70 +.91 | | | | +.79 +.64 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1874 | | | | | | | | | | | | | |
| Apr 22 | -34.05 | ,10 | ,04 | | | | -4 27.1 | 27.1 | 27.4 | 27.0 | | | |
| | ,12 | ,07 | ,09 | | | | 27.3 | 27.3 | 27.1 | 26.7 | | | |
| | ,10 | ,10 | ,03 | | | | 28.1 | 26.8 | 26.1 | 26.6 | | | |
| | | ,02 | ,08 | | | | | 26.6 | 26.9 | | | | |
| | | ,07 | ,11 | | | | | 25.5 | 26.7 | | | | |
| | | ,13 | ,10 | | | | | 26.3 | 26.4 | | | | |
| | -34.090 | .065 | 6 .075 | +.015 | -.010 | | -4 27.50 | 26.60 | 6 26.77 | 26.77 | +.73 | -.17 | +.00 |
| | − 20 | − 9 | 6 .074 | | | | + 13 | − 50 | 3 27.09 | − 44 | | | |
| | | | 3 .110 | 15 224 | -34.082 | | | | 6 ,10 | 32 | | | |
| | | | | | | | | | 3 ,37 | 18 | | | |
| Apr 23 | -34.74 | ,82 | ,82 | | | | -4 26.9 | 26.5 | 27.2 | 27.8 | | | |
| | ,69 | ,80 | ,78 | | | | 26.5 | 26.4 | 26.5 | 27.3 | | | |
| | ,75 | ,74 | ,73 | | | | 27.7 | 26.4 | 27.9 | 26.7 | | | |
| | | ,78 | ,79 | | | | | 26.2 | 27.0 | 27.3 | | | |
| | | ,75 | ,75 | | | | | 26.2 | 26.4 | | | | |
| | | ,80 | | | | | | 26.1 | | | | | |
| | -34.727 | .782 | 5 .774 | -.047 | +.008 | | -4 27.03 | 26.30 | 5 27.00 | 27.28 | +.03 | -.70 | +.28 |
| | − 20 | − 9 | 6 ,791 | | | | 11 | − 50 | 4 27.67 | − 39 | | | |
| | | | 3 ,747 | 14 1057 | -34.775 | | | | 6 26.80 | | | | |
| | | | | | | | | | 3 26.92 | 18 | 12724 | -4 | 27.07 |
| Apr 26 | -36.02 | ,04 | -35.98 | | | | 40.1 | | 40.3 | 39.9 | | | |
| | 35.99 | 35.99 | 36.02 | | | | 38.7 | 40.9 | 38.7 | 40.5 | | | |
| | ,97 | ,98 | ,02 | | | | | 40.8 | 40.3 | 40.3 | | | |
| | ,98 | 36.05 | 35.99 | | | | | 41.3 | 41.4 | | | | |
| | | ,02 | 36.05 | | | | | 40.7 | 40.6 | | | | |
| | | | | | | | | 40.6 | 39.6 | | | | |
| | | | | | | | | 40.5 | | | | | |
| | -36.990 | 36.016 | 5 .012 | -.022 | +.004 | | +5 39.40 | 40.80 | 6 40.15 | 40.23 | +.75 | -.65 | -.08 |
| | − 21 | − 9 | 5 025 | | | | + 5 | − 50 | 3 39.83 | − 40 | | | |
| | | | 4 ,011 | 14 229 | -36.016 | | | | 6 40.30 | | | | |
| | | | | | | | | | 2 39.45 | 17 | 109 | +5 | 40.06 |
| May 3 | -38.50 | ,45 | ,54 | | | | +5 41.0 | 41.0 | 41.8 | 40.6 | | | |
| | ,48 | ,47 | ,50 | | | | 39.6 | 41.6 | 40.4 | 40.4 | | | |
| | ,44 | ,53 | ,48 | | | | 40.5 | 40.2 | 39.3 | 40.6 | | | |
| | ,49 | ,53 | ,47 | | | | 40.1 | 40.2 | 39.8 | 41.9 | | | |
| | ,46 | | ,47 | | | | | 41.1 | 39.2 | | | | |
| | | | ,54 | | | | | | 39.5 | | | | |
| | -38.474 | ,495 | 6 ,500 | -,021 | -,005 | | +5 40.30 | 40.82 | 6 40.00 | 40.88 | -.30 | -.82 | -.88 |
| | − 22 | − 10 | 4 505 | | | | + 2 | − 51 | 4 44 | − 44 | | | |
| | | | 5 496 | 15 7500 | -38.500 | | | | 5 .31 | | | | |
| | | | | | | | | | 4 32 | 19 | 459 | +5 | 40.24 |
| May 5 | -39.23 | ,30 | ,37 | | | | +5 40.2 | 41.4 | 39.5 | 40.5 | | | |
| | ,21 | ,27 | ,36 | | | | 40.4 | 40.4 | 39.6 | 40.9 | | | |
| | | | ,24 | | | | | | 39.2 | | | | |
| | -39.220 | ,285 | 3 ,323 | -.103 | -,038 | | +5 40.30 | 40.90 | 3 39.43 | 40.70 | -.87 | -1.47 | -1.27 |
| | − 23 | − 10 | 2 295 | | | | + 2 | − 51 | 2 40.25 | − 45 | | | |
| | | | 2 ,243 | 7 2045 | -39.292 | | | | 2 ,30 | | | | |
| | | | | | | | | | 2 ,32 | 9 | 021 | | 40.02 |
| May 6 | -39.61 | ,74 | ,80 | | | | +5 41.3 | 41.2 | 39.8 | 41.1 | | | |
| | ,71 | ,72 | ,83 | | | | 39.0 | 40.3 | 40.4 | 40.3 | | | |
| | ,72 | | ,79 | | | | 38.8 | | 39.4 | 41.0 | | | |
| | | | ,78 | | | | | | 39.7 | 39.6 | | | |
| | -39.680 | ,730 | 4 ,800 | -,120 | -.070 | | +5 39.70 | 40.75 | 4 39.82 | 40.50 | +.12 | -.93 | -.68 |
| | − 23 | − 10 | 2 ,740 | | | | + 2 | − 51 | 4 40.05 | − 45 | | | |
| | | | 3 ,703 | 9 6789 | -39.754 | | | | 2 24 | | | | |
| | | | | | | | | | 3 39.72 | 13 | 51912 | +5 | 39.93 |
| May 7 | -40.11 | ,26 | ,12 | | | | +5 38.7 | 40.7 | 39.3 | 40.2 | | | |
| | ,15 | ,17 | ,23 | | | | 41.3 | 40.3 | 39.8 | | | | |
| | ,10 | | ,22 | | | | 39.5 | | 40.4 | | | | |
| | ,16 | | ,19 | | | | 39.9 | | 39.4 | | | | |
| | | | ,20 | | | | | | 39.5 | | | | |
| | -40.130 | ,215 | 5 ,192 | -,052 | +,023 | | +5 39.85 | 40.05 | 5 39.68 | 40.20 | -.17 | -.37 | -.52 |
| | − 24 | − 10 | 2 225 | | | | + 2 | − 51 | 51 ,75 | − 45 | | | |
| | | | 4 154 | 11 2026 | -40.184 | | | | 2 ,54 | | | | |
| | | | | | | | | | 4 87 | 12 | 871 | +5 | 39.93 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | x'-1 | x'-2 | x'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18+.70 | +.70+1.91 | | | | +.79+.54 | +.54+.13 | +.13 -.38 | -.38-.80 | | | |
| 1877 | | | | | | | | | | | | | |
| May 12 | -42.76 | 96.87 | 82.85 | | | | +5 40.5 | 40.6 | 38.9 | 40.2 | | | |
| | | .84 .87 | 2 .81 .84 | | | 2 845 | | 40.7 | 40.1 | 40.9 | | | |
| | -42.760 | .900 | 2 .815 | -.055 | +.085 | 2 859 | +5 40.50 | 40.65 | 2 39.60 | 40.55 | -1.45 | -1.60 | -1.50 |
| | - 25 | - 11 | 2 .911 | | | 4 208 | + 1 | - 51 | 2 40.10 | - 45 | | | |
| | | .870 | 1 .785 5 4237 | | -42.847 | | | | 2 .14 | | | | |
| | | | .845 | | 42.847 | | | | 1 .51 | 7 | 27904 | | 40.57 |
| May 13 | -43.50 | .54 | .60 | | | | +5 41.4 | 42.7 | 39.7 | 40.8 | | | 40.60 |
| | .56 | .55 | .60 | | | | 38.1 | 41.1 | 39.8 | 40.6 | | | |
| | .50 | | .57 | | | | 42.4 | | 40.1 | | | | |
| | - | | .68 | | | | | | 39.3 | | | | |
| | | | .51 | | | | | | 39.6 | | | | |
| | | | .56 | | | | | | 40.8 | | | | |
| | -43.520 | .545 | 6 .587 | -.067 | -.042 | | +5 40.63 | 41.90 | 6 39.88 | 40.70 | -1.07 | -2.02 | - .82 |
| | - 26 | - 11 | 2 .556 | | | | + 1 | - 51 | 2 40.25 | - 45 | | | |
| | | | 3 546 11 772 | | -43.570 | | | | 2 41.30 | | | | |
| | | | | | | | | | 3 40.64 | 13 | 5414 | +5 | 40.34 |
| May 14 | -43.96 | .99 | .95 | | | | +5 40.1 | 41.4 | 40.4 | 40.9 | | | 34 |
| | | | .96 | | | | | | 39.7 | 40.6 | | | |
| | | | | | | | | | | 40.2 | | | |
| | -43.960 | .990 | 2 .955 | +.005 | +.035 | | +5 40.10 | 41.40 | 2 40.05 | 40.57 | -.05 | -1.35 | -.52 |
| | - 27 | - 11 | 1 44.001 | | | | + 1 | - 57 | 3 40.12 | - 45 | | | |
| | | | 43.987 4 15898 | | -43.974 | | | | 1 40.89 | | | | |
| | | | | | | | | | 1 40.17 | 7 | 146 | +5 | 40.21 |
| May 16 | -44 | .63 | .64 | | | | +5 | 41.6 | 41.3 | 41.5 | | | |
| | | | | | | | | 43.4 | | 40.6 | | | |
| | -44 2 | .630 | 1 .640 | | -.010 | | +5 | 42.850 | 1 41.30 | 41.05 | | -1.20 | +.25 |
| | - 27 | - 12 | 1 642 2 82 | | -42.641 | | + 1 | - 50 | 2 40.61 | - 44 | | | |
| | | | | | | | | | 2 42.00 | 5 | 652 | | 41.30 |
| May 28 | -50.99 | 51.12 | 51.17 | | | | +5 42.1 | 42.6 | 41.2 | 41.1 | | | |
| | 51.09 | .20 | .47 | | | | 40.4 | 42.4 | 40.2 | 41.0 | | | |
| | .09 | | .04 | | | | 41.2 | | 39.9 | 41.4 | | | |
| | .12 | | .08 | | | | 40.6 | | 41.7 | | | | |
| | .12 | | .08 | | | | 41.9 | | 40.1 | | | | |
| | | | .08 | | | | | | 40.7 | | | | |
| | -51.082 | 51.160 | 6 51.103 | -.021 | -.057 | | +5 41.24 | 42.60 | 4 40.63 | 41.17 | -.61 | -1.87 | -.54 |
| | - 32 | - 15 | 2 .175 | | | | + 1 | - 47 | 3 .79 | - 88 | | | |
| | | | 5 .114 13 238 | | -51.118 | | | | 2 42.03 | | | | |
| | | | | | | | | | 5 41.25 | 16 | 46 | +5 | 41.03 |
| May 29 | -52. | .42 | .40 | | | | +5 | 40.6 | 39.8 | 40.9 | | | |
| | | .45 | .37 | | | | | 41.0 | 40.0 | 40.6 | | | |
| | | | .39 | | | | | | 42.0 | 40.9 | | | |
| | | | .42 | | | | | | 40.7 | 40.2 | | | |
| | -52 | .435 | 4 .395 | | +.040 | | +5 | 40.80 | 4 40.63 | 40.60 | | -.17 | +.03 |
| | - 33 | - 15 | 2 450 6 2480 | | -52.413 | | + 10 2 | - 45 47 | 4 .21 | = 24 34 | | | |
| | | | | | | | | | 2 .33 | | | | |
| | | | | | | | | | | 10 | 402 | | 40.40 |
| May 30 | -53.26 .26 | .32 .31 | .30 | | | | +5 41.8 | 42.0 | 41.7 | 42.3 | | | |
| | .36 .36 | | | | | | 39.6 | 42 | | 41.5 | | | |
| | -53.310 | .320 | 1 .300 | +.010 | +.020 | | +5 40.70 | 42.00 | 1 41.70 | 41.90 | +1.00 | -1.30 | -.20 |
| | - 34 | - 15 | 1 .335 | | | | + 19 2 | - 43 47 | 2 .51 | - 18 39 | | | |
| | | | 2 .344 4 123 | | -53.331 | | | | 1 .53 | | | | |
| | .310 | .310 | | | | | | | 2 40.72 | 6 | 769 | +5 | 41.28 |
| | | | 1 .325 | | | | | | | | | | |
| | | | 2 .344 | 3 | 113 | -53.338 | | | | | | | |
| May 31 | -54.13 | .08 | | | | | +5 39.6 | 42.9 | | 41.7 | | | |
| | .04 | | | | | | 43.7 | | | 42.6 | | | |
| | .03 | | | | | | 43.5 | | | 40.9 | | | |
| | -54.067 | .080 | | | | | +5 42.27 | 42.90 | 3 41.36 | 41.73 | | | |
| | - 35 | - 15 | 1 .095 | | | | + 19 2 | - 42 47 | 1 42.43 | 34 | | | |
| | | | 3 .102 4 401 | | -54.100 | | | | | | | | |
| | | | | | | | | | 3 42.29 | 7 | 1338 | +5 | 41.91 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +1.38 | +1.3 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | | |
| June 2 | -55.52 X.54 | .58 X.58 | .48 X.47 | | | | +5 43.9 | 42.9 | 42.4 | 42.6 | | | |
| | .50 X.51 | .62 +.61 | .50 .59 | | | | 42.9 | 43.8 | 42.2 | 43.2 | | | |
| | .49 +.48 | ~~.62~~ | .59 .58 | | | | | | 42.6 | 42.3 | | | |
| | -55.505 | .60 X0 | 3 .525 | -.020 | -.082 | | +5 43.40 | 43.35 | 3 42.40 | 42.70 | -1.00 | -.95 | -.30 |
| | - 36 - 16 | | 3 ~~.591~~ | | | | + ~~21~~ - | ~~41~~ | 3 .38 - | ~~15~~ | | | |
| | .510 | .595 | 3 ~~.618~~ .59 | 9 4755 | -55.5~~28~~ 61 | | 2 | 46 | 2 .89 | 32 | | | |
| | | | .541 | | ~~47~~ | | | | 2 43.42 | 10 | 2696 | +5 | 42.69 |
| | | | 3 .547 | | | | | | | | | | |
| | | | 2 .611 | | | | | | | | | | |
| | | | 3 .546 | 8 501 | -55.563 | | | | | | | | |
| June 4 | -56.15 | .08 | .13 | | | | +5 41.2 | 42.3 | 41.7 | 43.4 | | | |
| | .05 | .12 | .12 | | | | 44.5 | 43.1 | 43.2 | 42.3 | | | |
| | | .14 | .16 | | | | | 43.0 | 42.2 | | | | |
| | -56.100 | .113 | 3 .137 | -.037 | -.024 | | +5 42.85 | 42.80 | 3 42.37 | 42.85 | -.48 | -.43 | -.48 |
| | - 36 - 16 | | 3 .129 | | | | + ~~27~~ - | ~~40~~ | 2 ~~.55~~ - | ~~.75~~ | | | |
| | | | 2 .136 | 8 270 | -56.134 | | 4 | 45 | 3 .35 | 30 | | | |
| | | | | | | | | | 2 .89 | 10 | 504 | +5 | 42.50 |
| June 14 | -58.43 ~~.44~~ | .47 ~~.46~~ | .53 ~~.51~~ | | | | +5 42.9 | 43.0 | 42.6 | 43.2 | | | |
| | .44 ~~.51~~ | .55 ~~.56~~ | .49 ~~.49~~ | | | | 42.7 | 42.4 | 42.0 | | | | |
| | .49 | | .58 ~~.58~~ | | | 5 .526 | 42.3 | | 43.5 | | | | |
| | | | .50 ~~.51~~ | | | 2 .531 | | | 43.1 | | | | |
| | | | .53 ~~.54~~ | | | 1 .515 | | | 42.6 | | | | |
| | -58.453 | .510 | 5 .526 | -.073 | -.016 | 8 207 | +5 42.63 | 42.70 | 5 42.76 | 43.20 | +.13 | +.06 | -.44 |
| | - 41 - 21 | | 2 ~~.336~~ | | | | + ~~35~~ - | ~~36~~ | 1 .99 - | ~~10~~ | | | |
| | .475 | .510 | 3 ~~.472~~ | 10 4844 | -58.~~461~~ | -58.528 | 14 | 43 | 2 .27 | 21 | | | |
| | | | ~~494~~ | | 577 | | | | 3 .77 | 11 | 764 | +5 | 42.69 |
| June 17 | -59.28 | .25 | .29 | | | | +5 42.9 | 43.4 | 42.9 | 43.8 | | | |
| | .16 | .31 | .35 | | | | 41.9 | 43.4 | 42.5 | 43.7 | | | |
| | .22 | .15 | .20 | | | | 42.5 | 43.3 | 42.8 | 43.7 | | | |
| | | .29 | .21 | | | | | 43.5 | 44.1 | 43.2 | | | |
| | | .21 | .24 | | | | | 43.3 | 44.1 | | | | |
| | | | .26 | | | | | | 44.6 | | | | |
| | -59.220 | .242 | 6 .258 | -.038 | -.016 | | +5 42.43 | 43.38 | 6 43.50 | 43.60 | +1.07 | +.12 | -.10 |
| | - 43 - 24 | | 5 266 | | | | + ~~24~~ - | ~~31~~ | 4 45 - | ~~10~~ | | | |
| | | | 3 263 | 14 867 | -59.262 | | 2/3 | 41 | 5 42.97 | 15 | | | |
| | | | | | | | | | 3 .66 | 18 | 5763 | +5 | 43.20 |
| | | | | | | | | | 42.9 | 43.6 | | | |
| June 18 | -59.38 | .41 | .36 | | | | +5 43.5 | 43.5 | 44.7 | 42.0 | | | |
| | .32 | .41 | | | | | 42.9 | 44.5 | | | | | |
| | .28 | .35 | | | | | 43.1 | 43.7 | | | | | |
| | .31 | | | | | | 42.1 | | | | | | |
| | .49 | | | | | | 43.0 | | | | | | |
| | -59.356 | .390 | 1 .360 | -.004 | +.030 | | +5 42.92 | 43.90 | 2 43.80 | 42.80 | +.88 | -.10 | +1.00 |
| | - 44 - 25 | | 3 .415 | | | | + 23 - | 41 | 2 42.66 - | 14 | | | |
| | | | 5 .400 | 4 3605 | -59.401 | | | | 3 43.49 | | | | |
| | | | | | | | | | 5 .15 | 12 | 3914 | +5 | 43.26 |
| June 19 | -59.62 | .61 | .66 | | | | +5 43.6 | 43.6 | 42.5 | 43.4 | | | |
| | .68 | | .66 | | | | 43.2 | | 43.1 | 43.4 | | | |
| | .67 | | .65 | | | | 43.0 | | 44.4 | 42.8 | | | |
| | .68 | | | | | | 43.7 | | | | | | |
| | .68 | | | | | | 42.5 | | | | | | |
| | -59.666 | .610 | 3 .657 | +.009 | -.047 | | +5 43.20 | 43.60 | 3 43.33 | 43.30 | +.13 | -.27 | +.03 |
| | - 45 - 26 | | 1 .636 | | | | + 25 - | 40 | 3 .17 - | 13 | | | |
| | | | 5 .711 | 9 6162 | -59.685 | | | | 1 .20 | | | | |
| | | | | | | | | | 5 .45 | 12 | 395 | +5 | 43.33 |
| June 20 | -59.85 | .67 | .92 | | | | +5 42.7 | 42.6 | 42.8 | 43.7 | | | |
| | .91 | | .94 | | | | 41.3 | | 43.1 | 43.1 | | | |
| | .84 | | .91 | | | | 42.5 | | 42.0 | 42.1 | | | |
| | .90 | | .92 | | | | 42.4 | | 42.7 | | | | |
| | | | .91 | | | | | | 43.3 | | | | |
| | | | .97 | | | | | | 42.6 | | | | |
| | -59.878 | .870 | 6 .928 | -.050 | -.058 | | +5 42.22 | 42.60 | 6 42.75 | 42.97 | +.53 | +.15 | -.22 |
| | - 45 - 27 | | 1 .897 | | | | + 26 - | 39 | 3 ~~84~~ - | 13 | | | |
| | | | 4 .923 | N 10157 | -59.923 | | | | 1 21 | | | | |
| | | | | | | | | | 4 48 | 14 | 915 | +5 | 42.65 |

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| | 1 | 2 | Zenith-Group | z-1 | z-2 | 1 | 2 | Zenith-Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1877 | | | | | | | | | | | | |
| June 24 | -59.88 | ,95 | ,95 | | | +5 43.3 | 43.1 | 43.1 | 44.6 | | | |
| | .90 | .97 | .98 | | | 43.1 | 42.5 | 42.6 | 42.5 | | | |
| | .90 | .94 | .94 | | | 42.6 | 43.3 | 43.5 | 43.2 | | | |
| | .92 | | .93 | | | 42.5 | | 43.7 | 43.7 | | | |
| | .95 | | | | | 43.6 | | | 41.2 | | | |
| | -59.910 | ,953 | 4 .950 | -.040 | +.003 | +5 43.05 | 42.97 | 4 43.23 | 43.04 | +.18 | +.26 | +0.19 |
| | - 47 | - 30 | 3 .983 | | | + 28 | - 38 | 5 42.92 | - 12 | | | |
| | | | 5 .957 12 | 734 | -59.961 | | | 3 ,59 | | | | |
| | | | | | | | | 5 43,33 | 17 | 94 | +5 | 43.06 |
| June 25 | -60 | ,88 | ,23 | | | +5 | 42.4 | 42.9 | 43.6 | | | |
| | | ,19 | ,20 | | | | | 42.7 | 41.7 | | | |
| | | | ,14 | | | | | 43.1 | 43.5 | | | |
| | | | ,16 | | | | | 43.5 | | | | |
| | | | ,17 | | | | | 42.4 | | | | |
| | -60 | ,190 | 5 .180 | | +.010 | +5 | 42.40 | 5 42.92 | 42.93 | | +.52 | -.01 |
| | - 46 | - 30 | 1 .220 6 | 1120 | -60.187 | + 28 | - 38 | 3 .82 | - 11 | | | |
| | | | | | | | | 1 .02 | 9 | 708 | +5 | 42.79 |
| June 27 | -60.41 | ,33 | ,42 | | | +5 41.4 | 41.7 | 42.5 | 44.4 | | | |
| | ,36 | ,41 | ,32 | | | 41.7 | ~~41.1~~ | 42.1 | 43.3 | | | |
| | ,35 | ,33 | ,26 | | | | 42.9 | 41.6 | 43.0 | | | |
| | | | ,39 | | | | 42.7 | 41.3 | | | | |
| | | | ,32 | | | | | 43.5 | | | | |
| | | | ,35 | | | | | 44.0 | | | | |
| | -60.373 | ,357 | 6 .343 | +.030 | +.014 | +5 41.53 | 42.13 | 6 42.50 | 43.87 | +.95 | -.93 | -1.35 |
| | - 47 | - 32 | 3 .389 | | | + 29 | - 37 | 3 43.7446 | 11 | | | |
| | | | 3 .420 12 | 885 | -60.374 | | | 3 42.06 | | | | 51 |
| | | | | | | | | 2 41.84 | 14 | 3908 | +5 | 42.79 |
| July 4 | -60.45 | ,56 | ,49 | | | +5 43.9 | 43.4 | 42.7 | | | | |
| | ,51 | ,55 | ,48 | | | 42.5 | 43.4 | 44.0 | | | | |
| | | | ,53 | | | | | 43.7 | | | | |
| | -60.480 | ,555 | 3 ~~.410~~ .500 | +.070 | +.145 | +5 43.20 | 43.40 | 3 43.47 | | +.27 | +.07 | |
| | - 49 | - 37 | 2 .592 | | | + 31 | - 35 | 2 ,05 | - 10 | | | |
| | | | 2 .529 7 | 3472 | -60.~~405~~ 534 | | | 2 ,51 | 7 | 253 | +5 | 43.36 |
| July 24 | +3.66 | ,54 | ,62 | | | +5 17.4 | 18.6 | 18.5 | 18.9 | | | |
| | ,70 | ,67 | ,67 | | | 18.5 | 18.5 | 17.5 | 18.5 | | | |
| | ,73 | ,64 | ,63 | | | 18.0 | 18.8 | 17.8 | 18.2 | | | |
| | ,76 | ,65 | ,65 | | | 18.3 | 18.1 | 18.5 | 18.4 | | | |
| | ,72 | | ,73 | | | 17.6 | 18.6 | 19.7 | 18.9 | | | |
| | ,71 | | | | | | | | | | | |
| | +3.713 | ,632 | 5 .660 | -.053 | +.028 | +5 17.96 | 18.52 | 5 18.40 | 18.58 | +.44 | -.12 | -.18 |
| | - 50 | - 38 | 4 .594 | | | + 34 | - 24 | 5 .46 | - 12 | | | |
| | | | 6 .663 15 | 9654 | +3.644 | | | 5 .28 | | | | |
| | | | | | | | | 5 ,30 | 20 | 720 | +5 | 18.36 |
| July 25 | +4.18 | ,26 | ,16 | | | +5 19.0 | 20.4 | 19.1 | 19.5 | | | |
| | ,19 | ,22 | ,10 | | | 19.4 | 18.5 | 18.7 | 19.1 | | | |
| | ,20 | ,30 | ,17 | | | 18.8 | 17.7 | 17.9 | 18.9 | | | |
| | ,26 | | | | | 18.3 | | 18.1 | | | | |
| | ,24 | | | | | 18.6 | | | | | | |
| | +4.214 | ,260 | 3 .143 | -.071 | -.017 | +5 18.82 | 18.87 | 4 18.55 | 19.17 | -.27 | -.32 | -.62 |
| | - 51 | - 38 | 3 .222 | | | + 34 | - 24 | 3 19.05 | - 12 | | | |
| | | | 5 .163 11 | 1910 | +4.174 | | | 3 18.63 | | | | |
| | | | | | | | | 5 19.16 | 15 | 13304 | +5 | 18.87 |
| July 26 | +4.83 | ,81 | ,67 | | | 17.5 | 18.0 | 18.9 | 19.6 | | | |
| | | | ,43 | | | | | 19.3 | 19.5 | | | |
| | | | ,78 | | | | | 18.4 | | | | |
| | +4.830 | ,810 | 3 .727 | -.103 | -.083 | +5 17.50 | 18.00 | 3 18.87 | 19.55 | +.37 | +.87 | -.68 |
| | - 52 | - 40 | 1 .770 | | | + 34 | - 23 | 2 19.42 | - 13 | | | |
| | | | 1 .778 5 | 229 | +4.746 | | | 1 17.77 | | | | |
| | | | | | | | | 1 ,84 | 7 | 6106 | +5 | 18.72 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | | |
| July 29 | +7.01 | +6.92 | ,73 | | | | +5 17.4 | 18.7 | 18.2 | 18.6 | | | |
| | | ,96 | ,88 | | | | | 18.4 | 18.4 | 18.1 | | | |
| | | | ,86 | | | | | | 16.6 | 18.5 | | | |
| | | | ,90 | | | | | | 18.6 | 18.3 | | | |
| | | | ,92 | | | | | | 17.5 | 20.1 | | | |
| | +7.010 | +6.940 | 5 ,858 | +.152 | -.082 | | +5 17.40 | 18.55 | 5 17.86 | 18.72 | +.46 | -.69 | -.86 |
| | - 53 | - 40 | 2 ,900 | | | | + 34 | - 22 | 5 16.59 | - 13 | | | |
| | | | 1 ,957 & 7047 | | + 7.881 | | | | 2 ,33 | | | | |
| | | | | | 16 | | | | 1 17.74 | 13 | 10665 +5 | | 18.20 |
| Aug. 1 | +8.90 | ,89 | ,80 | | | | +5 18.3 | 18.7 | 17.1 | 18.3 | | | |
| | ,87 | | ,83 | | | | 17.1 | | 19.0 | | | | |
| | | | ,70 | | | | | | 17.9 | | | | |
| | | | ,82 | | | | | | 18.6 | | | | |
| | | | ,81 | | | | | | 18.4 | | | | |
| | + 8.885 | ,890 | 5 ,792 | -.093 | -.098 | | +5 17.70 | 18.70 | 5 18.20 | 18.30 | +.50 | -.50 | -.10 |
| | - 53 | - 41 | 1 ,849 | | | | + 34 | - 20 | 1 .16 | - 14 | | | |
| | | | 2 ,832 & 6473 | | + 8.809 | | | | 1 50 | | | | |
| | | | | | | | | | 2 ,04 | 9 | 174 +5 | | 18.19 |
| Aug. 6 | +12.84 | ,81 | ,81 | | | | +5 17.1 | 19.0 | 17.5 | 17.4 | | | |
| | ,78 | ,69 | ,84 | | | | 17.2 | 18.0 | 18.8 | 16.7 | | | |
| | | ,76 | ,72 | | | | | 18.6 | 18.5 | 17.5 | | | |
| | | ,87 | ,71 | | | | | 17.2 | 16.9 | 18.1 | | | |
| | | | ,66 | | | | | | 16.9 | 17.6 | | | |
| | | | ,76 | | | | | | 17.4 | 18.3 | | | |
| | | | ,76 | | | | | | 17.0 | 19.3 | | | |
| | | | | | | | | | | 18.6 | | | |
| | +12.810 | ,783 | 7 ,751 | -.059 | -.032 | | +5 17.15 | 18.20 | 7 17.57 | 17.94 | +.42 | -.03 | -.37 |
| | - 55 | - 42 | 4 ,741 | | | | + 34 | - 14 | 8 ,77 | - 17 | | | |
| | | | 2 ,755 13 631 | | + 12.749 | | | | 4 18.06 | | | | |
| | | | | | | | | | 2 17.49 | 21 | 16237 +5 | | 17.73 |
| Aug. 7 | +13.64 | ,60 | 3 ,62 | | | | +5 19.3 | 18.9 | 18.1 | 17.6 | | | |
| | ,75 | ,62 | ,52 | | | | 16.7 | 18.2 | 18.0 | 18.0 | | | |
| | | ,65 | ,70 | | | | | 19.1 | 18.1 | 17.3 | | | |
| | +13.695 | ,623 | 3 ,613 | -.082 | -.010 | | +5 18.00 | 18.73 | 3 18.07 | 17.63 | +.07 | -.66 | +.56 |
| | - 55 | - 42 | 3 ,581 | | | | + 34 | - 14 | 3 17.46 | - 17 | | | |
| | | | 2 ,640 & 4862 | | + 13.608 | | | | 3 18.59 | | | | |
| | | | | | | | | | 2 34 | 11 | 8904 +5 | | 18.09 |
| Aug. 8 | +14 .47 | ,47 | ,46 | | | | +5 18.7 | 18.5 | 17.9 | 18.4 | | | |
| | ,50 | ,54 | ,51 | | | | 16.7 | 17.7 | 19.3 | 18.9 | | | |
| | ,58 | | ,58 | | | | 18.4 | 18.0 | 18.6 | 18.8 | | | |
| | ,50 | | ,42 | | | | | | 19.2 | 17.9 | | | |
| | | | ,43 | | | | | | 17.4 | 18.1 | | | |
| | | | ,52 | | | | | | 17.8 | 17.6 | | | |
| | | | ,47 | | | | | | 18.0 | 19.0 | | | |
| | | | ,54 | | | | | | 17.2 | | | | |
| | | | | | | | | | 17.5 | | | | |
| | +12.512 | ,505 | 8 ,491 | -.021 | -.014 | | +5 17.93 | 18.07 | 9 18.10 | 18.43 | +.17 | +.03 | -.33 |
| | - 55 | - 42 | 2 ,463 | | | | + 33 | - 13 | 7 ,25 | - 18 | | | |
| | | | 4 ,457 14 1082 | | + 78.477 | | | | 3 17.94 | | | | |
| | | | | | 14 | | | | 3 18.26 | 22 | 17925 +5 | | 18.15 |
| Aug. 11 | +17.54 | ,59 | ,54 | | | | +5 19.0 | 18.7 | 16.2 | 17.5 | | | |
| | ,58 | ,56 | ,58 | | | | 17.6 | 17.1 | 18.4 | 17.5 | | | |
| | ,57 | ,58 | ,57 | | | | 18.1 | 18.3 | 17.9 | 17.3 | | | |
| | | | | | | | | | | 17.9 | | | |
| | | | | | | | | | | 17.3 | | | |
| | | | | | | | | | | 17.7 | | | |
| | | | | | | | | | | 14.5 | | | |
| | | | | | | | | | | 17.9 | | | |
| | +17.563 | ,577 | 3 ,563 | +.000 | -.014 | | +5 16.23 | 18.03 | 8 17.50 | 17.58 | -.73 | -.53 | -.08 |
| | - 56 | - 42 | 3 ,535 | | | | + 33 | - 12 | 3 17.40 | - 18 | | | |
| | | | 3 ,507 & 315 | | + 17.535 | | | | 3 17.91 | | | | |
| | | | | | | | | | 3 18.56 | 14 | 12861 | | 17.74 |

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| | 1 | 2 | Levitt Group | z-1 | z-2 | | 1 | 2 | Levitt Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +79 +.524 | +.524 +.13 | +13 −.38 | −.38 −.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Aug. 12 | J +18 | J .57 | J .58 | | | | +5' | 18.0 | 18.1 | 16.8 | | | |
| | | | .52 | | | | | | 17.5 | 16.8 | | | |
| | | | .66 | | | | | | 15.7 | 16.5 | | | |
| | | | | | | | | | | 18.3 | | | |
| | +18 | .570 | 3 .587 | | + .017 | | +5 | 18.00 | 3 17.10 | 17.10 | | −.90 | +.00 |
| | − 56 | − 42 | 1 .528 4 | 289 | +18.572 | | + 33 | − 11 | 4 16.91 | − 19 | | | |
| | | | | | | | | | 1 17.89 | 8 | .83 | +5 | 17.10 |
| Aug. 14 | +20.74 | .70 | .61 | | | | +5 15.9 | 17.3 | 16.8 | 17.2 | | | |
| | +20.740 | .700 | 1 .610 | −.130 | −.090 | | +5 15.90 | 17.30 | 1 16.80 | 17.20 | +.90 | −.50 | −.40 |
| | − 56 | − 42 | 1 .658 | | | | + 33 | − 9 | 1 17.00 | − 20 | | | |
| | | | 1 .684 3 | 152 | +20.651 | | | | 1 .21 | | | | |
| | | | | | | | | | 1 16.23 | 4 | 2724 | +5 | 16.81 |
| | | | | | | | | | 4 | | | | |
| Aug 16 | +23.21 | .21 | .21 | | | | +5 17.0 | 17.6 | 16.6 | 17.3 | | | |
| | .21 | .23 | .12 | | | | 16.2 | 17.0 | 16.8 | 15.9 | | | |
| | .21 | .20 | .14 | | | | 16.5 | 16.7 | 17.2 | 16.3 | | | |
| | .21 | .08 | .18 | | | | 17.3 | 16.2 | 16.4 | 16.0 | | | |
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| | | | .21 | | | | | | 16.5 | | | | |
| | | | | | | | | | 15.3 | | | | |
| | +23.933 | .180 | 9 .181 | −.012 | +.001 | | +5 16.62 | 16.74 | 10 16.520 | 16.49 | −.10 | −.22 | +.03 |
| | − 56 | − 42 | 4 .138 | | | | + 32 | − 7 | 7 .28 | − 21 | | | |
| | | | 6 .137 19 | 1103 | +23.158 | | | | 5 .67 | | | | |
| | | | | | | | | | 5 .94 | 27 | 1521 | +5 | 16.56 |
| Aug. 22 | +31.46 | .57 | .40 | | | | +5 17.9 | 18.0 | 18.0 | 17.2 | | | |
| | .43 | .45 | .46 | | | | 18.2 | 18.3 | 17.0 | 18.8 | | | |
| | .46 | .47 | .40 | | | | 17.4 | 17.9 | 19.9 | 18.3 | | | |
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| | | .49 | | | | | | 18.0 | | | | | |
| | | | | | | | | 17.1 | | | | | |
| | +31.478 | .486 | 3 .420 | −.058 | −.066 | | +5 17.83 | 17.93 | 3 18.30 | 17.90 | +.47 | +.37 | +.40 |
| | − 57 | − 42 | 5 .444 | | | | + 31 | − 4 | 4 17.67 | − 23 | | | |
| | | | 4 .421 12 | 364 | +31.430 | | | | 6 .89 | | | | |
| | | | | | | | | | 3 18.14 | 16 | 12734 | +5 | 17.96 |
| Aug. 23 | +38.00 | 32.96 | .87 | | | | +5 18.5 | 17.4 | 17.4 | 18.1 | | | |
| | 32.99 | .90 | 33.00 | | | | 16.9 | 17.0 | 18.1 | 17.1 | | | |
| | .90 | .91 | 32.95 | | | | 14.2 | 14.1 | 17.1 | 17.7 | | | |
| | .90 | | .83 | | | | 17.3 | 17.7 | 17.7 | 18.2 | | | |
| | 33.00 | | .95 | | | | ~~17.1~~ | | 17.1 | | | | |
| | +32.958 | 32.923 | 5 32.940 | −.018 | +.017 | | +5 17.48 | 17.30 | 5 17.48 | 17.78 | +.00 | +.18 | −.30 |
| | − 57 | − 42 | 3 .881 | | | | + 31 | − 3 | 4 .54 | − 24 | | | |
| | | | 5 .901 13 | 11848 | +32.911 | | | | 4 .27 | | | | |
| | | | | | | | | | 4 .79 | 17 | 680 | +5 | 17.52 |
| Aug. 27 | +39.15 .16 | .12 .11 | .04 .02 | | | | +5 16.1 | 17.3 | 17.7 | 17.3 | | | |
| | .06 .07 | .13 .12 | 38.99 .01 | | | | 17.1 | 18.2 | 18.2 | 17.9 | | | |
| | | .16 .18 | | | | | 17.3 | | | 16.7 | | | |
| | | .12 .14 | | | | | 17.7 | | | | | | |
| | | | | | | 2 .015 | 17.0 | | | | | | |
| | | | | | | 4 .096 | | | | | | | |
| | | | | | | 2 .058 | | | | | | | |
| | +39.105 | .132 | 2 .015 | −.090 | −.117 | 8 .330 | +5 17.04 | 17.75 | 2 17.95 | 17.30 | +.91 | +.20 | +.65 |
| | − 57 | − 42 | 4 .090 | | | | + 30 | − 1 | 3 .03 | − 27 | | | |
| | .115 | .138 | 2 .048 8 | 486 | +39.061 | +39.066 | | | 2 .74 | | | | |
| | | | | | | | | | 5 34 | 12 | 517 | +5 | 17.43 |
| Aug. 28 | +40.42 | .49 | .42 | | | | +5 17.4 | 16.9 | 18.0 | 16.2 | | | |
| | .42 | .41 | .32 | | | | 16.9 | 18.4 | 16.10 | 16.2 | | | |
| | .41 | .39 | .33 | | | | 17.0 | 18.3 | 17.6 | 17.4 | | | |
| | .41 | .40 | .35 | | | | 17.1 | 17.9 | 17.6 | 17.6 | | | |
| | .45 | .36 | .32 | | | | 17.5 | 18.2 | 18.8 | 18.2 | | | |
| | | .36 | | | | | | 16.5 | | | | | |
| | +40.422 | .402 | 5 .348 | −.074 | −.054 | | +5 17.18 | 18.03 | 5 17.60 | 17.12 | +.42 | −.43 | +.48 |
| | − 57 | − 42 | 6 .360 | | | | + 30 | − 1 | 5 16.85 | − 27 | | | |
| | | | 5 .365 16 | 25 | +40.~~316~~ 359 | | | | 6 18.02 | | | | |
| | | | | | | | | | 5 17.48 | 21 | 15777 | +5 | 17.52 |

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| | 1 | 2 | Zenith Group | 3 | | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | | |
| Aug 30 | +43.04 .08 | ,10 3.05 | +42.99 2.95 | | | | +5 15".8 | 17".2 | 15".6 | 16".6 | | | |
| | .09 .12 | .15 .12 | 43.00 .96 | | | | 16.6 | 16.7 | 16.1 | 16.2 | | | |
| | | .08 .09 | .03 .00 | | | | | 16.4 | 17.0 | 16.2 | | | |
| | | .93 .98 | .95 .96 | | | 4 2.968 | | 17.3 | 18.6 | 16.7 | | | |
| | | .02 .07 | | | | 5 3.021 | | 16.4 | | 17.7 | | | |
| | | | | | | 2 3.019 | | | | 17.8 | | | |
| | +43.065 | ,056 | 4 42.992 | -.073 | -.064 | 11 33.015 | +5 16.20 | 16.80 | 4 16.82 | 16.87 | +.62 | +.02 | -.07 |
| | - 56 | - 41 | 5 .015 | | | | + 29 | - 1 | 6 .60 | - 27 | | | |
| | .075 | .062 | 2 009 | 11 061 | +43.006 | +43.021 | | | 5 79 | | | | |
| | | | | | | | | | 2 49 | 17 | 1181 | +5 | 16.69 |
| Sept. 11 | +61.59 .67 | .54 .56 | .51 .53 | | | | +5 16.7 | 16.4 | | 17.2 | | 15.9 | |
| | .65 .65 | .57 .59 | .58 .60 | | | | 17.7 | 17.0 | | 17.0 | | 16.4 | |
| | | .48 .49 | .56 .57 | | | | | 17.4 | | 17.8 | | 17.1 | |
| | | .54 .55 | .60 .61 | | | | | 16.0 | | 17.2 | | | |
| | | .48 .48 | .56 .56 | | | | | 16.7 | | 16.8 | | | |
| | | .50 .50 | .60 .60 | | | | | 17.3 | | 16.6 | | | |
| | | .56 .56 | .63 .63 | | | | | 17.7 | | 15.8 | | | |
| | +61.620 | .524 | 7 .577 | -.043 | +.053 | | +5 17.20 | 16.93 | 7 16.91 | 16.47 | -.29 | -.02 | +.44 |
| | - 51 | - 36 | 7 .488 | | | | + 24 | + 2 | 3 .14 | - 33 | | | |
| | .660 | .533 | 2 .569 | 16 8593 | +61.537 | | | | 7 95 | | | | |
| | | | | | | | | | 2 17.44 | 19 | 1632 | +5 | 16.86 |
| | | | 7 .586 | | | | | | | | | | |
| | | | 7 .497 | | | | | | | | | | |
| | | | 2 609 | 16 799 | +61.550 | | | | | | | | |
| Sept. 12 | +62.85 | .77 | .72 | | | | +5 17.5 | 16.8 | 17.5 | 17.1 | | | |
| | .78 | .73 | .70 | | | | 16.9 | 18.6 | 16.7 | 17.2 | | | |
| | .79 | | .79 | | | | 17.1 | | 17.9 | 17.2 | | | |
| | | | .71 | | | | | | 18.0 | 17.3 | | | |
| | | | .84 | | | | | | 17.1 | | | | |
| | | | .77 | | | | | | 16.7 | | | | |
| | +62.807 | .750 | 6 .755 | -.052 | +.005 | | +5 17.17 | 17.70 | 6 17.32 | 17.20 | +.15 | -.38 | +.12 |
| | - 50 | - 34 | 2 .716 | | | | + 23 | + 2 | 4 16.86 | - 34 | | | |
| | | | 3 .757 | 11 533 | +62.748 | | | | 2 17.72 | | | | |
| | | | | | | | | | 3 .40 | 15 | 10900 | +5 | 17.27 |
| Sept. 13 | +64.15 .13 | .20 .17 | .10 .06 | | | | +5 17.5 | 17.1 | 17.5 | 17.1 | | | |
| | .13 .11 | .15 .15 | .11 .08 | | | | 17.4 | 16.7 | 16.5 | 17.7 | | | |
| | | | .10 .08 | | | 4 .070 | | | 17.2 | 17.0 | | | |
| | | | .06 .06 | | | 2 .126 | | | 17.8 | | | | |
| | | | .18 | | | 2 .070 | | | 17.2 | | | | |
| | +64.140 | .175 | 5 .110 | -.030 | -.065 | 8 672 | +5 17.45 | 16.90 | 5 17.24 | 17.27 | -.21 | +.34 | -.03 |
| | - 50 | - 34 | 2 .141 | | | | + 23 | + 2 | 3 16.93 | - 34 | | | |
| | .120 | .160 | 2 .090 | 9 1012 | +64.112 | +64.084 | | | 2 16.92 | | | | |
| | | | | | | | | | 2 17.68 | 12 | 19 | +5 | 17.~~32~~ .18 |
| Sept. 15 | +67.03 .04 | | 66.91 .92 | | | | +5 17.4 | 16.9 | 18.2 | 18.2 | | | |
| | .02 .02 | | 67.02 .02 | | | | 16.5 | | 17.2 | 18.5 | | | |
| | | | 66.94 .94 | | | | | | 16.6 | 18.4 | | | |
| | | | .95 .95 | | | | | | 17.5 | 18.2 | | | |
| | | | .95 .93 | | | | | | 17.7 | | | | |
| | +67.025 | | 5 66.954 | -.071 | | | +5 16.95 | 16.90 | 5 17.44 | 18.33 | +.49 | +.54 | -.89 |
| | - 48 | - 32 | 2 .977 | 7 424 | +67.961 | | + 20 | + 2 | 4 .98 | - 35 | | | |
| | .030 | | 5 66.952 | | | | | | 1 16.92 | | | | |
| | | | 2 .982 | 7 424 | +66.961 | | | | 2 17.15 | 12 | 9034 | +5 | 17.53 |
| Sept. 16 | +68.63 | .52 | .53 | | | | +5 16.5 | 17.6 | 17.6 | 17.1 | | | |
| | .60 | .53 | .46 | | | | 16.1 | 18.0 | 17.2 | 17.6 | | | |
| | .55 | .54 | .58 | | | | 17.6 | 17.6 | 17.5 | | | | |
| | .53 | | .51 | | | | 17.0 | | 16.4 | | | | |
| | | | .47 | | | | | | 16.7 | | | | |
| | | | .47 | | | | | | 17.9 | | | | |
| | | | .57 | | | | | | 16.7 | | | | |
| | | | .58 | | | | | | 16.3 | | | | |
| | +68.578 | .530 | 8 .521 | -.057 | -.009 | | +5 16.80 | 17.73 | 8 17.04 | 17.35 | +.24 | -.69 | -.31 |
| | - 46 | - 30 | 3 .500 | | | | + 19 | + 2 | 2 .00 | - 35 | | | |
| | | | 4 .532 | 15 296 | +68.520 | | | | 3 .75 | | | | |
| | | | | | | | | | 4 16.99 | 17 | 12153 | | 17.15 |

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| | 1 | 2 | Limit Group | z-1 | z-2 | | 1 | 2 | Limit Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +1.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Sept. 18 | +72.19 .12 | 72.17 .05 | 71.99 .04 | | | | +5 16.7 | 16.0 | 16.7 | 17.3 | | | |
| | .09 .97 | .07 | 72.04 .08 | | | | 15.9 | 16.3 | 17.8 | 18.1 | | | |
| | .86 .16 | | 72.02 .05 | | | | 15.6 | | 16.2 | 18.4 | | | |
| | .17 | | .03 .06 | | | | 16.6 | | 16.4 | 18.3 | | | |
| | | | .01 .02 | | | | X | | 18.5 | | | | |
| | | | .08 .09 | | | | | | 17.9 | | | | |
| | | | .04 .04 | | | | | | 17.3 | | | | |
| | +72.128 | 72.120 | 7 .030 | -.098 | -.090 | | +5 16.20 | 17.15 | 7 17.54 | 18.05 | +1.34 | +.39 | -0.51 |
| | - 44 | - 27 | 2 .093 | | | | + 15 | + 2 | 4 17.69 | - 36 | | | |
| | .083 | .050 | 4 .084 13 732 | | +72.056 | | | | 2 17.17 | | | | |
| | | | | | | | | | 4 16.35 | 17 12328 | 25 | | |
| | | | 7 .054 | | | | | | | 828 +5 | 17.77 | | |
| | | | 1 .023 | | | | | | | | | | |
| | | | 3 .039 | 11 518 | +72.047 | | | | | | | | |
| Sept. 19 | +74.03 .07 | .96 .93 | +73.86 .89 | | | | +5 16.6 | 15.8 | 15.5 | 16.6 | | | |
| | 73.94 .95 | | .85 .87 | | | | 16.1 | | 16.8 | 18.0 | | | |
| | .93 .94 | | .92 .91 | | | 5 .884 | 16.4 | | 16.8 | 17.9 | | | |
| | | | .86 .83 | | | 1 .908 | | | 16.5 | | | | |
| | | | .96 .92 | | | 3 .948 | | | 15.5 | | | | |
| | +73.967 | .960 | 5 .890 | -.077 | -.070 | 9 .72 | +5 16.87 | 15.80 | 5 16.22 | 17.50 | -.15 | +.42 | -1.28 |
| | - 42 | - 22 | 1 .938 | | | | + 10 | + 2 | 3 17.14 | - 36 | | | |
| | .990 | .930 | 3 .925 | | +73.907 | +73.908 | | | 1 15.82 | | | | |
| | | | | | | | | | 3 16.47 | 12 | 7775 +5 | | 16.48 |
| Sept. 22 | +79.48 .46 | .45 .40 | .38 .35 | | | | +5 15.0 | 16.4 | 16.6 | 16.6 | | | |
| | .45 .44 | .37 .40 | .41 .38 | | | | 16.4 | 16.9 | 17.8 | | | | |
| | .42 .41 | .42 .46 | .39 .37 | | | | 15.9 | 17.6 | 16.5 | | | | |
| | .41 .43 | | .37 .35 | | | 6 .353 | 15.0 | | 16.9 | | | | |
| | .42 .44 | | .32 .33 | | | 3 .419 | 16.3 | | 17.2 | | | | |
| | | | .38 .34 | | | 5 .394 | | | 17.2 | | | | |
| | +79.436 | .413 | 6 .375 | -.061 | -.038 | 14 1145 | +5 15.72 | 16.97 | 6 17.37 | 18.60 | +1.65 | +.40 | -1.23 |
| | - 42 | - 21 | 3 .392 | | | | + 7 | + 2 | 1 18.23 | - 37 | | | |
| | .436 | .440 | 5 .394 14 1196 | | +79.385 | +79.382 | | | 3 16.99 | | | | |
| | | | | | | | | | 5 15.79 | 15 | 10237 +5 | | 16.82 |
| Sept. 23 | +81.34 | .32 | .30 | | | | +5 17.7 | 18.0 | 18.3 | 17.4 | | | |
| | .33 | .28 | .31 | | | | 18.0 | 18.1 | 16.1 | 18.0 | | | |
| | .24 | .28 | .23 | | | | 17.8 | 19.1 | 17.4 | 16.8 | | | |
| | | .28 | .32 | | | | | 17.8 | 17.5 | | | | |
| | | | | | | | | | 18.7 | | | | |
| | +81.303 | .290 | 4 .290 | -.013 | +.002 | | +5 17.83 | 18.25 | 5 17.60 | 17.40 | -.23 | -.65 | +.20 |
| | - 41 | - 21 | 4 .269 | | | | + 3 | + 2 | 3 17.03 | - 37 | | | |
| | | | 3 .262 17 822 | | +81.275 | | | | 4 18.27 | | | | |
| | | | | | | | | | 3 17.86 | 15 11575 | +5 | | 17.72 |
| Sept. 24 | +82.51 .58 | .52 .43 | .42 .44 | | | | +5 18.4 | 19.0 | 18.2 | 19.1 | | | |
| | .50 .56 | | | | | | 17.7 | 18.6 | | 18.6 | | | |
| | .59 .54 | | | | | | | | | 17.7 | | | |
| | +82.533 | .520 | 1 .420 | -.113 | -.100 | | +5 18.05 | 18.80 | 3 18.20 | 18.47 | +.15 | -.60 | -.27 |
| | - 41 | - 21 | 1 .499 | | | | + 2 | + 2 | 1 09 | - 38 | | | |
| | .560 | .430 | 3 .492 5 395 | | +82.479 | | | | 2 82 | | | | |
| | | | | | | | | | 2 07 | 8 | 247 +5 | | 18.31 |
| | | | 1 .440 | | | | | | | | | | |
| | | | 1 .419 | | | | | | | | | | |
| | | | 3 .519 | 5 416 | +82.483 | | | | | | | | |
| Sept. 25 | +83.67 | .61 | .62 | | | | +5 19.0 | 19.3 | 18.5 | 18.5 | | | |
| | .65 | .69 | .66 | | | | 19.3 | 19.1 | 18.5 | | | | |
| | .64 | | .79 | | | | 18.8 | 19.7 | 19.3 | | | | |
| | .61 | | | | | | | | | | | | |
| | +83.643 | .600 | 3 .690 | +.047 | +.090 | | +5 19.03 | 19.37 | 3 18.77 | 18.50 | -.26 | -.60 | +.27 |
| | - 41 | - 21 | 2 .579 | | | | + 0 | + 2 | 1 18.12 | - 38 | | | |
| | | | 4 .602 9 5636 | | +83.626 | | | | 3 19.39 | | | | |
| | | | | | | | | | 3 19.03 | 10 | 8969 +5 | | 18.97 |
| Sept. 26 | +84.81 | .79 | .78 | | | | +5 | 19.1 | 17.9 | 17.2 | | | |
| | .78 | | .83 | | | | | 18.4 | 18.8 | | | | |
| | | | | | | | | 17.8 | 17.7 | | | | |
| | +84.795 | .790 | 2 .805 | +.010 | +.010 | | +5 | 18.43 | 3 18.13 | 17.20 | | -.30 | +.93 |
| | - 41 | - 21 | 1 .769 | | | | X - 3 | + 2 | 1 16.82 | - 38 | | | |
| | | | 2 .754 5 3887 | | +84.777 | | | | 3 18.45 | 7 | 5656 +5 | | 18.08 |

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| | 1 | 2 | Zenith Group | 2-1 | 2-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +.191 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Sept. 27 | +86.23 | | .09 | | | | +5' 17".8 | 17".4 | 18".3 | 19".1 | | | |
| | .25 | | | | | | | | | 18.0 | | | |
| | +86.240 | | 1 .090 | | -.150 | | +5 17.80 | 17.40 | 1 18.30 | 18.55 | +.50 | +.90 | -.25 |
| | - 43 | - 22 | 2 .197 3 | 1861 | +86.161 | | - 4 | + 2 | 2 18.17 | - 38 | | | |
| | | | | | | | | | 1 17.42 | | | | |
| | | | | | | | | | 1 17.76 | 5 3982 | +5 | 17.96 | |
| Sept. 30 | +90.82 | .79 | .72 | | | | +5 16.5 | 17.4 | | 16.1 | | | |
| | .78 | .80 | | | | | 18.0 | 17.2 | | | | | |
| | .88 | | | | | | 16.4 | 16.7 | | | | | |
| | .81 | | | | | | | 18.0 | | | | | |
| | +90.822 | .795 | 1 .720 | -.102 | -.075 | | +5 16.97 | 17.32 | | 16.10 | | | |
| | - ~~75~~ 43 | - 23 | 2 .772 | | | | - 5 | + 2 | 1 15.71 | - 39 | | | |
| | | | 4 .779 7 | 5380 | +90.769 | | | | 4 17.34 | | | | |
| | | | | | | | | | 3 16.92 | 8 5583 | +5 | 1698 | |
| Oct. 1 | +92.44 38 | .40 41 | .30 .28 | | | | +5 18.1 | 17.0 | 18.2 | 17.2 | | | |
| | .47 41 | .30 35 | 2 .32 .32 | | | | 18.1 | 18.0 | 17.5 | 17.8 | | | |
| | +92.455 | .350 | 2 .310 | -.145 | -.040 | | +5 18.10 | 17.50 | 2 17.85 | 17.50 | -.25 | +.35 | +.35 |
| | - ~~46~~ 43 | - ~~24~~ 23 | 2 .327 | | | | - 7 | + 1 | 2 .10 | - 40 | | | |
| | | | 4 .342 6 | 2098 | +92.350 | | | | 2 .51 | | | | |
| | .430 | .380 | | | | | | | 2 18.03 | 8 6098 | +5 | 17.62 | |
| | | | 2 .300 | | | | | | | | | | |
| | | | 2 .357 | | | | | | | | | | |
| | | | 2 .387 | 6 .288 | +92.348 | | | | | | | | |
| Oct. 6 | +99.91 .91 | .91 .93 | .84 .83 | | | | +5 17.2 | 18.3 | 16.7 | 17.2 | | | |
| | .95 .95 | | .88 .87 | | | | 17.5 | | 17.8 | 18.0 | | | |
| | | | .97 .96 | | | | | | 16.3 | | | | |
| | +99.930 | .910 | 3 .897 | -.033 | -.013 | | +5 17.35 | 18.30 | 2 16.93 | 17.60 | -.42 | -1.37 | -.67 |
| | - ~~57~~ 41 | - ~~26~~ 21 | 1 .889 | | | | - 12 | + 02 | 3 17.19 | - 41 | | | |
| | | | 2 .889 6 | 538 | +99.893 | | | | 1 18.30 | | | | |
| | .930 | .930 | 3 .887 | | | | | | 2 17.23 | 8 5819 | +5 | 17.27 | |
| | | | 1 .909 | | | | | | | | | | |
| | | | 2 .889 | 6 548 | +99.891 | | | | | | | | |
| Oct. 7 | +101.68 | .60 | | | | | +5 17.0 | 18.0 | | | | | |
| | .65 | .67 | | | | | 17.0 | 17.8 | | | | | |
| | .63 | .60 | | | | | 17.9 | 18.7 | | | | | |
| | .75 | | | | | | 17.5 | 18.0 | | | | | |
| | | | | | | | 19.8 | 17.4 | | | | | |
| | +101.678 | .625 | | | | | +5 17.84 | 17.98 | | | | | |
| | - ~~54~~ 41 | - ~~27~~ 21 | 3 .604 | | | | - 13 | + 02 | 5 17.98 | - 41 | | | |
| | | | 4 .637 7 | 160 | +101.623 | | | | 5 .71 | 10 845 | +5 | 17.84 | |
| Oct. 13 | +111.50 46 | .36 .34 | .43 46 | | | | +5 17.2 | 17.6 | 16.9 | 17.6 | | | |
| | .44 .41 | .43 .43 | | | | | 18.6 | 16.8 | 17.1 | 17.6 | | | |
| | .53 .53 | .35 .37 | | | | | 17.4 | 16.9 | | 18.0 | | | |
| | .42 .42 | .44 .47 | | | | | 18.2 | 16.3 | | | | | |
| | +111.472 | .395 | 1 .430 | -.042 | +.035 | | +5 17.85 | 16.90 | 2 17.00 | 17.73 | -.85 | +0.80 | -.73 |
| | - ~~60~~ 41 | - ~~30~~ 21 | 4 .374 | | | | - ~~22~~ 17 | - 2 | 3 17.31 | - 42 | | | |
| | .455 | .402 | 4 .431 9 | 3650 | +111.405 | | | | 4 16.88 | | | | |
| | | | | | | | | | 4 17.68 | 13 9417 | +5 | 17.24 | |
| | | | 1 .460 | | | | | | | | | | |
| | | | 4 .381 | | | | | | | | | | |
| Oct. 14 | +112.89 | | 4 .414 | 9 40 | +111.404 | | +5 17.5 | | | 17.8 | | | |
| | .85 | | | | | | 17.5 | | | | | | |
| | +112.870 | | | | | | +5 17.50 | | | 17.80 | +.30 | | |
| | - ~~61~~ 41 | - ~~36~~ 21 | 2 .829 | | +112.829 | | - 18 | - 2 | 1 17.37 | - 43 | | | |
| | | | | | | | | | 2 .32 | | | | |
| | | | | | | | | | | 3 181 | | 17.30 | |

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| | 1 | 2 | Zwitt Group | z-1 | z-2 | | 1 | 2 | Zwitt Group | 3 | z'1 | z'2 | z'3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 +.18 +.70 | +.70 +1.91 | | | | | +.79 +.54 | +.52 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1877 | | | | | | | | | | | | | |
| Oct. 17 | +117.68 .68 | .63 .63 | .69 .69 | | | | +5 17.2 | 16.3 | 17.7 | 18.1 | | | |
| | .62 .62 | | .69 .69 | | | | 17.6 | | 17.7 | 18.0 | | | |
| | .62 .62 | | .63 .64 | | | | 19.2 | | 17.0 | 17.0 | | | |
| | | | | | | | | | | 17.1 | | | |
| | +117.640 | .630 | 3 .670 | +.030 | +.040 | | +5 18.00 | 16.30 | 3 17.47 | 17.55 | −.53 | +1.17 | −.08 |
| | − 63 | − 33 | 1 .609 | | | | − 20 | − 5 | 4 .11 | − 42 | | | |
| | 41 | 21 | 3 .599 7 | 32.7 | +117.647 | | | | 1 16.25 | | | | |
| | .640 | .630 | 3 .673 | | 31 | | | | 3 17.80 | 11 8050 | +5 | 1732 | |
| | | | 1 .609 | | | | | | | | | | |
| | | | 3 .599 | 7 225 | +117.632 | | | | | | | | |
| Oct. 18 | +119.11 | .15 | .17 | | | | +5 17.7 | 18.9 | 17.8 | 18.0 | | | |
| | .07 | .13 | .00 | | | | 18.6 | 19.1 | 18.5 | 19.2 | | | |
| | .15 | .05 | .10 | | | | 18.6 | 19.4 | 18.6 | 18.2 | | | |
| | .11 | .06 | | | | 2 .105 | 17.1 | 18.8 | | 18.2 | | | |
| | .24 | | | | | 4 .081 | | | | 18.6 | | | |
| | +119.136 | .098 | 3 .090 | | | 4 .037 | +5 18.00 | 19.05 | 3 18.63 | 18.44 | +.63 | −.42 | +.19 |
| | − .41 | − .21 | 4 .077 | | | | − 21 | − 5 | 5 18.00 | − 44 | | | |
| | | | 5 .095 | 12 1073 | +119.089 | | | | 4 19.00 | | | | |
| | | | | | | | | | 4 17.79 | 16 13305 | +5 | 18.32 | |
| Oct. 23 | +127.66 | .39 | .37 | | | | +5 18.11 | 15.3 | 16.8 | 16.6 | | | |
| | .48 | .44 | .36 | | | | 18.2 | 17.7 | 16.6 | 18.2 | | | |
| | .42 | .47 | .32 | | | | 16.8 | 17.5 | 16.6 | | | | |
| | | .42 | .36 | | | | | 17.3 | 16.6 | | | | |
| | | .41 | | | | | | 17.3 | | | | | |
| | +127.453 | .432 | 4 .352 | −.101 | −.050 | | +5 17.80 | 17.02 | 4 16.65 | 17.40 | −.15 | −.27 | −.75 |
| | − 65 | − 36 | 5 .411 | | | | − 23 | − 13 | 2 .95 | − 45 | | | |
| | 41 | 21 | 3 .412 12 | 4699 | +127.392 | | | | 5 .95 | | | | |
| | | | | | | | | | 3 17.57 | 14 1396 | +5 | 17.00 | |
| Oct. 27 | +133.79 | .76 | .72 | | | | +5 17.8 | 18.3 | 19.0 | +5 19.2 | | | |
| | .76 | .79 | .46 | | | | 17.0 | 18.0 | 17.8 | 16.7 | | | |
| | .80 | .71 | .80 | | | | 18.8 | 17.7 | 17.0 | 16.9 | | | |
| | .66 | .70 | .80 | | | | 17.4 | 17.9 | 17.6 | 17.6 | | | |
| | | .75 | .86 | | | | | 18.3 | 16.7 | 17.8 | | | |
| | | .76 | | | | | | 16.6 | 17.2 | 18.5 | | | |
| | | | | | | | | 17.7 | | | | | |
| | +133.753 | .750 | 5 .788 | +.035 | +.038 | | +5 17.75 | 17.79 | 6 17.55 | 18.12 | −.20 | −.24 | −.57 |
| | − 65 | − 37 | 6 .729 | | | | − 25 | − 20 | 6 .67 | − 45 | | | |
| | 41 | 21 | 4 .712 15 | 662 | +133.744 | | | 15 | 7 .64 | | | | |
| | | | | | | | | | 4 .50 | 23 1380 | +5 | 17.60 | |
| Oct. 28 | +15.58 | .51 | .61 | | | | +5 17.5 | 18.5 | 16.7 | 18.0 | | | |
| | .59 | .53 | .44 | | | | 17.9 | 16.7 | 19.0 | 17.4 | | | |
| | .58 | .44 | .47 | | | | 17.4 | 18.9 | 18.8 | 18.8 | | | |
| | .54 | .49 | | | | | 18.4 | 17.7 | 17.8 | 15.8 | | | |
| | | .49 | | | | | | 18.7 | 17.0 | | | | |
| | | | | | | | | 19.6 | | | | | |
| | | | | | | | | 18.5 | | | | | |
| | +15.572 | .492 | 3 .507 | −.065 | +.015 | | +5 17.80 | 18.66 | 5 17.86 | 17.50 | +.06 | −.80 | +.36 |
| | − 65 | − 38 | 5 .471 | | | | − 26 | − 23 | 4 17.04 | − 46 | | | |
| | 42 | 21 | 4 .530 12 | 5996 | +15.500 | | | | 7 18.13 | | | | |
| | | | | | | | | | 4 17.54 | 20 15663 | +5 | 17.83 | |
| Oct. 29 | +17.20 | .09 | .02 | | | | +5 19.3 | 19.0 | 17.6 | 18.0 | | | |
| | .07 | | .02 | | | | 18.1 | | 18.9 | 17.8 | | | |
| | | | .09 | | | | | | 16.9 | 17.7 | | | |
| | +17.135 | .090 | 3 .043 | −.092 | −.047 | | +5 18.70 | 19.00 | 3 17.80 | 17.83 | −.90 | −1.20 | −.03 |
| | − 65 | − 38 | 1 .068 | | | | − 26 | − 23 | 3 .37 | − 46 | | | |
| | 43 | 22 | 2 .092 6 | 381 | +17.063 | | | | 1 18.77 | | | | |
| | | | | | | | | | 2 .44 | 9 7116 | +5 | 17.91 | |

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| | 1 | 2 | Limit Group | Z-1 | Z-2 | | 1 | 2 | Limit Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1874 | | | | | | | | | | | | | |
| Oct. 30 | +18.61 .62 | .59 .62 | .50 .46 | | | | +5 19.0 | 19.5 | 17.3 | 17.2 | | | |
| | .61 | .56 .59 | .50 .46 | | | | 18.4 | 18.7 | 18.8 | 18.9 | | | |
| | .71 | .59 .52 | .60 .47 | | | | 17.5 | 18.8 | 18.1 | 20.4 | | | |
| | .70 | .60 | .58 .46 | | | | 18.8 | 18.4 | 16.9 | 17.4 | | | |
| | .58 | .53 | .56 | | | | 17.5 | | | | | | |
| | .65 | | .75 | | | | | | | | | | |
| | | | .77 | | | | | | | | | | |
| | | | .58 | | | | | | | | | | |
| | +18.643 | .574 | 8 .605 | −.038 | +.031 | | +5 18.24 | 18.85 | 4 17.78 | 18.48 | −.46 | −.07 | −.70 |
| | − .65 | − .38 | 5 .551 | | | | − .26 | − .25 | 4 18.02 | − .46 | | | |
| | .45 | .23 | 6 .598 | 19 1683 | +18.580 | | | | 4 18.60 | | | | |
| | .620 | .577 | 4 .462 | | | | | | 5 17.98 | 17 13750 | +5 | 18.09 | |
| | | | 3 .554 | | | | | | | | | | |
| | | | 1 .575 | 8 4085 | +18.511 | | | | | | | | |
| | | | | | −.200 | | | | | | | | |
| Nov. 1 | +.21 | 22.01 | 22.07 | | +18.311 | | | | | | | | |
| | | | 21.92 | | | | +5 | 17.6 | 16.0 | 19.0 | | | |
| | | | .77 | | | | | | 19.4 | | | | |
| | | | .94 | | | | | | 18.0 | | | | |
| | | | .96 | | | | | | 18.4 | | | | |
| | +.21 | 22.010 | 4 21.935 | | −.075 | | | | | | | | |
| | − .45 | − .23 | 1 .987 | 5 227 | +21.654 | | +5 | 17.60 | 4 17.95 | 19.00 | +.2 | +.35 | −1.05 |
| | | | | | 945 | | − .27 | − .39 | 1 18.54 | − .46 | | | |
| | | | | | | | | | 1 17.21 | 6 4755 | +5 | 17.92 | |
| Nov. 3 | +25.95 | .88 | .87 | | | | +5 16.4 | 17.3 | 17.7 | 17.6 | | | |
| | | .87 | .88 | | | | | 18.1 | 17.1 | 19.3 | | | |
| | | | .87 | | | | | | 17.0 | | | | |
| | | | .93 | | | | | | 17.3 | | | | |
| | +25.950 | .875 | 4 .888 | −.062 | +.013 | | +5 16.40 | 17.70 | 4 17.28 | 18.45 | +.88 | −.42 | −1.17 |
| | − .49 | − .25 | 2 .850 | | | | − .28 | − .43 | 2 17.98 | − .47 | | | |
| | | | 1 .901 | 7 553 | +25.879 | | | | 2 17.27 | | | | |
| | | | | | (Δ1''+m) same as in Constant Book 1877) | | | | 1 16.12 | 9 274 | +5 | 17.30 | |
| Nov. 4 | +24.35 .43 | .36 .59 | (10) .28 | | | | +5 17.5 | 19.4 | 16.7 | 19.1 | | | |
| | .33 .29 | .33 .29 | .29 | | | | 18.8 | 18.0 | 18.0 | 17.8 | | | |
| | | .43 .31 | | | | | 17.1 | 18.4 | | 18.5 | | | |
| | | .40 .28 | | | | | 17.8 | 18.2 | | 18.8 | | | |
| | | | | | | | | 18.5 | | 18.1 | | | |
| | | | | | | | | 18.1 | | 20.1 | | | |
| | | | | | | | | | | 18.8 | | | |
| | +27.340 | .380 | 2 .290 | −.145 | −.185 | | +5 18.15 | 18.50 | 2 17.35 | 18.74 | −.80 | −1.15 | −1.39 |
| | − .50 | − .26 | 4 .354 | | | | − .28 | | 5 18.27 | − .47 | | | |
| | .360 | .368 | 2 .290 | 7 2586 | +27.298 | | | | 5 18.05 | | | | |
| | | | | 2576 | 322 | | | | 2 17.84 | 16 58 | +5 | 18.04 | |
| | | | 1 .280 | | | | | | | | | | |
| | | | 4 .342 | | | | | | | | | | |
| | | | 2 .310 | 7 2268 | +27.324 | | | | | | | | |
| Nov. 6 | +30.73 | .68 72 | .68 | | | | +5 18.9 | 17.6 | 17.6 | 19.5 | | | |
| | | .73 68 | .72 | | | | | 17.7 | 17.9 | 20.8 | | | |
| | | .66 70 | | | | | | 18.3 | 17.2 | | | | |
| | | .68 | | | | | | 18.3 | 16.7 | | | | |
| | | .73 | | | | | | | 17.9 | | | | |
| | | .66 | | | | | | | | | | | |
| | +30.730 | .695 | 2 .695 | −.035 | +.000 | | +5 18.90 | 17.98 | 5 17.46 | 20.15 | −1.44 | −.52 | −2.69 |
| | − .51 | − .26 | 6 .669 | | | | − .29 | − .46 | 2 19.68 | − .47 | | | |
| | | | 1 .679 | 9 683 | +30.676 | | | | 4 17.52 | | | | |
| | | | | | | | | | 1 18.01 | 12 9535 | +5 | 17.95 | |
| Nov. 7 | +.32 | .23 .25 | .19 .21 | | | | +5 | 17.4 | 16.5 | 17.3 | | | |
| | | .30 .31 | .35 .20 | | | | | 18.3 | 17.4 | 18.8 | | | |
| | | .20 .19 | .19 .14 | | | | | 16.1 | 16.3 | | | | |
| | | .25 .24 | .21 | | | | | 17.7 | 17.8 | | | | |
| | | | .35 | | | | | | | | | | |
| | | | .19 | | | | | | | | | | |
| | +.32 | .245 | 6 .247 | | +.002 | | +5 | 17.38 | 4 17.00 | 18.05 | −.38 | −1.05 | |
| | − .53 | − .27 | 4 .218 | 10 3541 | +32.235 | | − .29 | − .47 | 2 .57 | − .48 | | | |
| | | .248 | 3 .183 | | | | | | 4 16.91 | 10 7078 | +5 | 17.08 | |
| | | | 4 .221 | 7 1433 | +32.206 | | | | | | | | |

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| | 1 | 2 | Limit Group | z-1 | z-2 | | 1 | 2 | Limit Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | | |
| Nov. 13 | +42.17 19 | 1 .20 .18 | 1 .24 .21 | | | | +5 1'69 | 17"5 | 19"5 | 18"9 | | | |
| | | .16 .14 | .10 .08 | | | | | 17.9 | 18.3 | 21.1 | | | |
| | | .22 .21 | .20 .20 | | | | | 18.9 | 18.7 | | | | |
| | | .19 .18 | .25 .26 | | | 6 .150 | | 20.1 | 20.8 | | | | |
| | | .24 .25 | .07 .10 | | | 5 .162 | | 19.2 | 17.5 | | | | |
| | | | .03 .05 | | | 1 .131 | | | 17.9 | | | | |
| | | | | | | 12 .641 | | | 18.2 | | | | |
| | +42.170 | .202 | 6 .148 | -.022 | -.054 | | +5 16.90 | 18.72 | 7 18.70 | 19.10 | +1.80 | -.02 | -.40 |
| | - .59 | - .30 | 5 .172 | | | | - .81 | - .48 | 2 18.62 | - .48 | | | |
| | .190 | .192 | 1 .111 12 659 | | +42.155 | +42.153 | | | 5 .24 | | | | |
| | | | | | | | | | 1 16.59 | 15 | 593 | +5 | 18.40 |
| Nov. 14 | +43.73 | .74 | .72 | | | | +5 18.6 | 19.2 | 19.2 | 18.5 | | | |
| | .74 | .64 | .58 | | | | 19.6 | 19.6 | 17.9 | 17.9 | | | |
| | .71 | .66 | .73 | | | | 18.8 | 19.2 | 17.8 | 18.8 | | | |
| | .69 | .67 | .60 | | | | 19.3 | 19.1 | 18.2 | 18.14 | | | |
| | .68 | .66 | .67 | | | | 19.1 | 19.9 | 18.7 | 20.2 | | | |
| | | .66 | .68 | | | | | 19.3 | 18.9 | | | | |
| | | .69 | .64 | | | | | 19.7 | 17.8 | | | | |
| | | .63 | | | | | | 19.4 | | | | | |
| | | .64 | | | | | | 19.4 | | | | | |
| | +43.780 | .665 | 7 .660 | -.045 | -.005 | | +5 19.14 | 19.46 | 7 18.36 | 18.76 | -.78 | -1.10 | -.40 |
| | - .61 | - .30 | 9 .635 | | | | - .31 | - .48 | 5 .28 | - .48 | | | |
| | | | 5 .649 21 980 | | +43.647 | | | | 9 .98 | | | | |
| | | | | | | | | | 5 .83 | 26 | 1669 | +5 | 18.65 |
| Nov. 15 | +44.92 | .88 | | | | | +5 19.8 | 19.2 | | 18.8 | | | |
| | 45.00 | .93 | | | | | 19.3 | 20.1 | | 19.7 | | | |
| | | .98 | | | | | | 20.4 | | | | | |
| | +44.960 | .930 | | | | | +5 19.55 | 19.90 | | 19.25 | | | |
| | - .62 | - .31 | 3 .899 | | | | - .32 | - .48 | 2 18.77 | - .48 | | | |
| | | | 2 .898 5 493 | | +44.899 | | | | 3 19.42 | | | | |
| | | | | | | | | | 2 19.23 | 7 | 6426 | +5 | 19.18 |
| Nov. 28 | | | - .163 | | | | +5 | | 18.6 | | | | |
| | | | 1.630 | | - 1.630 | | +5 | | 18.60 | | | +5 | 18.600 |
| | | | | | | | - .35 | - ~~.49~~ .50 | | - .49 | | | |
| Dec 1 | | | | | | | | | | | | | |
| | -1 .69 | .84 | .88 | | | | +5 18.0 | 18.7 | 18.1 | +5 20.4 | | | |
| | .76 .74 | .73 | .86 | | | | 19.5 | 19.1 | 19.7 | | | | |
| | .64 | .68 | .93 | | | | 19.0 | 19.7 | 18.7 | | | | |
| | .60 | .80 | | | | | 19.2 | 18.1 | 17.7 | | | | |
| | | .79 | | | | | 4 | 18.3 | 17.6 | | | | |
| | -1.672 | .768 | 3 .890 | | | | | 17.7 | 16.9 | | | | |
| | - .65 | - .39 | 5 .799 | | | | | 17.9 | | | | | |
| | | | 4 .737 | 12 9613 | -1.801 | | | 17.4 | | | | | |
| Dec 1 | - 1. | - .61 | .80 | | | | +5 18.92 | 18.36 | 6 18.12 | +5 20.40 | - .80 | -.24 | -2.28 |
| | | .68 | .72 | | | | - .36 | - .50 | 1 19.91 | - .49 | | | |
| | | .75 | | | | | | | 8 17.86 | | | | |
| | | -1.680 | 2 .760 | | | | | | 4 18.56 | 19 | 15575 | +5 | 18.19 |
| | | - .39 | 3 .719 | 5 177 | -1.735 | | | | | | | | |
| Dec 2 | -2.17 .19 | ~~.23~~ .19 | .29 .27 | | | | +5 19.9 | 20.4 | 17.5 | 18.3 | | | |
| | .17 .17 | .17 .25 | .20 .20 | | | | 18.5 | 19.2 | 19.9 | 20.7 | | | |
| | | ~~.23~~ .23 | .30 .28 | | | | | 18.2 | 19.7 | | | | |
| | | .23 .17 | .27 | | | 3 .250 | | 18.4 | 19.1 | | | | |
| | | .17 .32 | .20 | | | 5 251 | | 17.9 | | | | | |
| | | .35 | .30 | | | 2 .245 | | | | | | | |
| | -2.170 | .230 | 6 .260 | -.090 | -.030 | 11 .495 | +5 19.20 | 18.82 | 4 19.05 | 19.50 | -.15 | +.23 | -.45 |
| | - .65 | - .39 | 5 .269 | | | | - .37 | - .50 | 2 .60 | - .50 | | | |
| | .180 | .212 | 2 .235 13 775 | | - 2.260 | - 2.245 | | | 5 18.32 | | | | |
| | | | | | | | | | 2 18.83 | 13 | 11346 | +5 | 18.73 |
| | | | | | | | +5 2.00 | | | 19.0 | | | |
| Dec 3 | -3.01 | .04 | - 2.92 | | | | 18.8 | 19.2 | 18.4 | 19.1 | | | |
| | 2.98 | .00 | 3.02 | | | | | 19.8 | 17.7 | | | | |
| | | | 2.96 | | | | | | 18.7 | | | | |
| | -2.995 | 3.020 | 3 2.967 | +.028 | -.053 | | +5 19.40 | 19.50 | 3 18.27 | 19.05 | -1.13 | -1.23 | -.78 |
| | - .65 | - .40 | 2 3.060 | | | | - .37 | - .50 | 2 .55 | - .50 | | | |
| | | | 2 .060 | 7 141 | - 3.020 | | | | 2 19.00 | | | | |
| | | | | | | | | | 1 .03 | 8 | 6894 | +5 | 18.62 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1877 | | | | | | | | | | | | |
| Dec. 8 | -5 .74 | ° .81 .82 | ° .98 .99 | | | +5 18.1 | 18.9 | 18.3 | 19.4 | | | |
| | | .84 .84 | 6.02 .03 | | | | 18.9 | 19.3 | 18.7 | | | |
| | | .91 .88 | 5.89 .89 | | | | 19.0 | 17.6 | | | | |
| | | | .91 .88 | | | | | 18.3 | | | | |
| | -5 | .853 | 4 .950 | | -.097 | +5 18.10 | 18.93 | 4 18.38 | 19.05 | +.28 | -.55 | -.67 |
| | − 64 | − 44 | 3 .897 | | | − 38 | − 50 | 2 .55 | − 50 | | | |
| | .740 | .847 | 4 .948 | 4 6419 | -5.927 | | | 3 .43 | | | | |
| | | | 3 .891 | | | | | 1 17.72 | 10 | 363 | +5 | 18.36 |
| | | | 1 .804 | 8 7269 | -5.909 | | | | | | | |
| Dec. 9 | -6.36 | .45 | .38 | | | +5 19.1 | 19.1 | 18.5 | 19.4 | | | |
| | .39 | .40 | .52 | | | 17.4 | 18.9 | 19.2 | 18.6 | | | |
| | | .50 | .50 | | | | 19.0 | 18.1 | 19.2 | | | |
| | | .46 | .55 | | | | 18.8 | 18.5 | | | | |
| | -6.375 | .453 | 4 .488 | -.113 | -.035 | +5 18.25 | 18.98 | 4 18.58 | 19.07 | +.33 | -.40 | -.49 |
| | − 64 | − 44 | 4 .497 | | | − 38 | − 50 | 3 .57 | − 50 | | | |
| | | | 2 .439 10 | 818 | -6.482 | | | 4 .48 | | | | |
| | | | | | | | | 2 17.87 | 13 | 569 | +5 | 18.44 |
| Dec. 12 | -8.59 | .56 | .65 | | | | 19.0 | 18.1 | 18.5 | | | |
| | | .56 | | | | +5 18.1 | 19.5 | | 20.6 | | | |
| | | .57 | | | | | 19.7 | | | | | |
| | | .61 | | | | | 20.2 | | | | | |
| | -8.590 | .575 | 1 .650 | -.060 | -.075 | +5 18.10 | 19.60 | 1 18.10 | 19.55 | +.00 | -1.50 | -1.45 |
| | − 63 | − 46 | 4 .621 | | | − 39 | − 52 | 2 19.05 | − 50 | | | |
| | | | 1 .653 6 | 187 | -8.631 | | | 4 19.10 | | | | |
| | | | | | | | | 1 17.71 | 8 | 7031 | +5 | 18.79 |
| Dec. 13 | -9 .26 X | .13 X | .24 X | | | | | 16.4 | 18.0 | | | |
| | .24 X | .24 X | .32 X | | | +5 18.1 | 18.8 | 16.6 | 18.3 | | | |
| | .22 X | .32 X | .18 X | | | 19.1 | 18.9 | 17.9 | 18.7 | | | |
| | .26 X | .24 X | .36 X | | | 18.5 | 18.6 | 18.3 | | | | |
| | .24 X | .32 X | .20 X | | | | 19.5 | | | | | |
| | .28 X | | | | | | | | | | | |
| | -9.240 | .250 | 5 .260 | -.012 | -.010 | +5 18.57 | 18.94 | 4 17.80 | 18.33 | -.77 | -1.14 | -.53 |
| | − 63 | − 46 | 3 .276 | | | − 39 | − 52 | 3 .83 | − 50 | | | |
| | | | 3 .363 | 16 4646 | -9.262 | | | 4 18.44 | | | | |
| | | | .68 | | | | | 3 .18 | 14 | 99 | +5 | 18.07 |
| Dec. 15 | -10.70 | .72 | .83 | | | +5 20.0 | 19.3 | 16.6 | 19.2 | | | |
| | .65 | .71 | .62 | | | 20.1 | 20.2 | 18.7 | 19.0 | | | |
| | | | | | | | | 19.3 | 18.9 | | | |
| | | | | | | | | | 19.1 | | | |
| | | | | | | | | | 19.8 | | | |
| | -10.675 | .715 | 3 .710 | -.035 | +.005 | +5 20.05 | 19.75 | 3 18.87 | 19.20 | -1.18 | -.88 | -.33 |
| | − 63 | − 47 | 2 .762 | | | − 39 | − 50 | 5 .70 | − 50 | | | |
| | | | 2 .738 4 | 230 | -10.733 | | | 2 19.25 | | | | |
| | | | | | | | | 2 19.66 | 12 | 10493 | +5 | 18.99 |
| Dec. 16 | -11.58 | .60 | .60 | | | +5 19.4 | 19.7 | 18.8 | 19.4 | | | |
| | .49 | .59 | .68 | | | 19.6 | 20.7 | 19.5 | 18.3 | | | |
| | .56 | .57 | .50 | | | 18.4 | 19.1 | 20.6 | 20.9 | | | |
| | .52 | | .62 | | | 18.5 | | 19.1 | | | | |
| | -11.538 | .587 | 4 .600 | -.062 | -.013 | +5 18.98 | 19.83 | 4 19.50 | 19.53 | +.52 | -.33 | -.03 |
| | − 62 | − 49 | 3 .638 | | | − 39 | − 50 | 3 .03 | − 50 | | | |
| | | | 4 .600 11 | 108 | -11.610 | | | 3 .33 | | | | |
| | | | | | | | | 4 18.59 | 14 | 44 | +5 | 19.10 |
| Dec. 17 | -12.37 .35 | .40 .38 | .48 .47 | | | +5 19.1 | 18.1 | 16.8 | 18.2 | | | |
| | .30 | .38 .39 | .46 .47 | | | 19.2 | 20.1 | 17.7 | | | | |
| | | | .44 .45 | | | | | 18.4 | | | | |
| | | | .51 .53 | | | | | 17.2 | | | | |
| | -12.335 | .390 | 4 .473 | -.188 | -.083 | +5 19.15 | 19.10 | 4 17.53 | 18.20 | -1.62 | -1.57 | -.67 |
| | − 61 | − 50 | 2 .440 | | | − 39 | − 50 | 1 .70 | − 50 | | | |
| | .350 | .385 | 2 .396 8 | 3564 | -12.445 | | | 2 18.60 | | | | |
| | | | | | | | | 2 .76 | 9 | 7254 | +5 | 18.06 |
| | | | 4 .480 | | | | | | | | | |
| | | | 2 .435 | | | | | | | | | |
| | | | 1 .411 7 | 401 | -12.457 | | | | | | | |

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| | 1 | 2 | Zenith group | z-1 | z-2 | 1 | 2 | Zenith group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1874 | | | | | | | | | | | | |
| Dec. 18 | -13° | ,33 ,35 | ,40 | | | +5' | 18.8 18.6 | 17.5 | 20.6 | | | |
| | -13 | .340 | 1 .400 | | -.060 | +5 | 18.70 | 1 17.50 | 20.60 | - | -1.20 | -3.10 |
| | - 57 6/2 | - 52 49 | 2 389 3 1178 | | -13.393 | - 40 | - 50 | 1 20.10 | - 50 | | | |
| | | | | | | | | 2 18.20 | 4 | 7400 | +5 | 18.50 |
| Dec. 20 | -15.07 | ,26 | ,39 | | | +5 17.4 | 18.1 | 18.7 | 18.1 | | | |
| | - | ,17 ,31 | ,30 ,29 ,19 ,34 ,37 | | | ,95 | 17.5 16.8 17.5 | 17.3 16.8 18.3 18.1 | 18.4 19.4 | | | |
| | -15.070 | .247 | 6 .313 | -.243 | -.066 | +5 18.45 | 17.48 | 5 17.84 | 18.63 | -.61 | +.36 | -.79 |
| | - 61 | - 50 | 3 .297 1 .131 10 2900 | | - 15.290 | - 40 | - 50 | 3 18.13 4 16.98 2 18.05 | - 50 14 | 10761 | +5 | 17.69 |
| Dec. 25 | -19.53 | .55 .63 | .58 .66 .64 | | | +5 19.1 | 19.6 19.5 | 19.1 18.9 19.0 | 19.9 | | | |
| | -19.530 | .590 | 3 .624 | -.097 | -.037 | +5 19.10 | 19.55 | 3 19.00 | 19.90 | -.10 | -.55 | -.90 |
| | - 58 | - 52 | 2 .642 1 .588 6 3753 | | -19.625 | - 40 | - 50 | 1 .40 2 .05 | - 50 | | | |
| | | | | | | | | 1 18.70 | 7 | 20 | +5 | 19.03 |
| Dec. 26 | -20.41 | .53 | .57 | | | +5 18.6 | 19.8 | 18.4 | 19.1 | | | |
| | .46 .50 .53 | .47 .49 .51 | .45 .50 .45 | | | 18.1 18.3 18.5 | 18.8 19.1 19.1 | 18.3 18.9 18.5 | | | | |
| | -20.475 | .500 | 4 .492 | -.017 | +.008 | +5 18.38 | 19.20 | 4 18.52 | 19.10 | +.14 | -.68 | -.58 |
| | - 57 | - 52 | 4 .552 4 .532 12 6304 | | -20.525 | - 40 | - 50 | 1 .60 4 .70 4 17.98 | - 50 13 | 540 | +5 | 18.42 |
| Dec. 27 | -21.20 | .29 | .29 | | | +5 18.6 | 20.5 | 17.1 | 19.3 | | | |
| | .32 .22 | .26 .21 | .28 | | | 19.5 16.4 | 18.6 18.1 | 18.6 18.3 | 18.4 19.3 | | | |
| | -21.247 | .253 | 2 .285 | -.038 | -.032 | +5 18.17 | 19.07 | 3 18.00 | 19.00 | +.17 | -1.07 | -1.00 |
| | - 85 | - 53 | 3 .306 3 .302 8 2394 | | -21.299 | - 41 | - 50 | 3 18.50 3 18.57 | - 50 | | | |
| | | | | | | | | 3 17.76 | 12 | 249 | | 18.21 |
| Dec. 29 | -23.13 | .11 | .05 | | | +5 16.7 | 18.8 | 18.6 | 18.2 | | | |
| | .08 .20 .04 .11 | .08 | .22 | | | 19.1 18.2 18.2 19.0 | 17.8 | 18.5 | | | | |
| | -23.112 | .095 | 2 .135 | -.023 | -.040 | +5 18.24 | 18.30 | 2 18.55 | 18.20 | +.31 | +.95 | +.95 |
| | - 54 | - 54 | 2 .149 5 .166 9 498 | | -23.155 | - 41 | - 50 | 1 17.70 2 .80 5 .83 | - 50 17.70 10 | 955 | | 17.95 |
| Dec 31 | -24.46 .41 | .45 .46 | | | | +5 20.4 | 17.5 | | 18.8 | | | |
| | .29 .28 .30 .36 | | | | | 19.2 19.4 | | | 21.2 | | | |
| | -24.350 | .450 | | | | +5 19.67 | 17.50 | | 20.00 | | | |
| | - 53 | - 54 | $1 .504 3 .403 4 1713 | | -24.428 | - 41 | - 49 | 2 19.50 1 17.01 | - 50 | | | |
| | .350 | .460 | | | | | | 3 19.26 | 6 | 5379 | +5 | 18.96 |
| | | | 1 .514 3 .403 | 4 1723 | -24.431 | | | | | | | |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | | |
| 1878 | | | | | | | | | | | | | | |
| Jan. 1 | -.25° | .29° | .33° | | | | +5 | 20.2" | 20.4 | 19.5" | | | | |
| | | .24 | .30 | | | | | 21.6 | 20.2 | 19.7 | | | | |
| | | | .31 | | | | | | 18.2 | 20.3 | | | | |
| | | | .29 | | | | | | 20.9 | | | | | |
| | | | .27 | | | | | | | | | | | |
| | -.25 | .265 | 5 .300 | | -.035 | | +5 | 20.98 | 4 19.93 | 19.83 | — | — .97 | +.10 | |
| | - .62 | - .30 | 2 .295 | 7 2990 | -25.299 | | - .47 | - .74 | 3 19.00 | - .83 | | | | |
| | | | | | | | | | 2 20.16 | 9 | 8704 | +5 | 19.67 | |
| | | | | | | | | | | 20.3 | | | | |
| Jan 5 | -29.01 | .11 | .14 | | | | +5 16.7 | 18.4 | 17.0 | 19.2 | | | | |
| | | .07 | .17 | | | | | 18.8 | 17.0 | 18.2 | | | | |
| | | .17 | .14 | | | | | 19.8 | 16.6 | 17.6 | | | | |
| | | | .10 | | | | | | 17.6 | | | | | |
| | | | .11 | | | | | | 20.2 | | | | | |
| | -29.010 | .117 | 5 .132 | -.122 | -.015 | | +5 16.70 | 19.00 | 5 17.68 | 18.33 | +.98 | -1.32 | -.65 | |
| | - .62 | - .22 | 3 .139 | | | | - .47 - | .74 | 3 17.51 - | .82 | | | | |
| | | | 1 .072 | 9 1149 | -29.127 | | 38 | | 3 18.26 | | | | | |
| | | | | | | | | | 1 16.32 | 12 | 9203 | +5 | 17.67 | |
| Jan. 7 | -31.64 | .74 | .78 | | | | +5 20.8 | 22.3 | 20.4 | 21.9 | | | | |
| | | | .81 | | | | | 24.0 | 19.6 | 23.0 | | | | |
| | -31.640 | .740 | 2 .795 | -.155 | -.055 | | +5 20.80 | 23.15 | 2 19.70 | 22.45 | -1.10 | -2.60 | -2.75 | |
| | - .61 | - .22 | 1 .462 | | | | - .47 - | .75 | 2 21.63 - | .82 | | | | |
| | | | 1 .701 | 4 253 | -31.763 | | 38 | | 1 20.42 | 5 | 421 | +5 | 20.87 | |
| | | | | | | | | | 2 22.40 | | | | 21.69 | |
| Jan 12 | -38.28 | .36 | | | | | +5 19.1 | 20.9 | | 20.8 | | | | |
| | .33 | .39 | | | | | 20.7 | 20.2 | | 20.4 | | | | |
| | | .34 | | | | | 21.0 | 21.4 | | | | | | |
| | -38.305 | .363 | | | | | +5 20.27 | 20.83 | | 20.60 | | | | |
| | - .60 | - .18 | 3 .381 | | | | - .46 - | .75 | 2 19.80 - | .80 | | | | |
| | | | | | | | 36 | | 3 20.08 | | | | | |
| | | | 2 .365 | 5 373 | -38.375 | | | | 3 19.91 | 8 | 7957 | +5 | 19.95 | |
| Jan 13 | -39.19 | .20 | .25 | | | | +5 20.6 | 21.4 | 18.9 | 20.7 | | | | |
| | | .17 | | | | | | 21.7 | | 19.8 | | | | |
| | | | | | | | | | | 19.8 | | | | |
| | -39.190 | .185 | 1 .250 | -.060 | -.065 | | +5 20.60 | 21.55 | 1 18.90 | 20.10 | -1.70 | -2.65 | -1.20 | |
| | - .60 | - .17 | 2 .202 | | | | - .38 - | .75 | 3 19.32 - | .78 | | | | |
| | | | 1 .250 | | -39.226 | | 35 | | 2 20.80 | 7 | 16871 | +5 | 19.87 | |
| | | | | | | | | | 1 20.25 | | | | .81 | |
| Jan. 14 | -.40 | .39 | .32 | | | | | 20.7 | 19.6 | 17.9 | | | | |
| | | .33 | .30 | | | | | 20.9 | 20.2 | | | | | |
| | | .37 | .35 | | | | | 20.4 | 18.3 | | | | | |
| | | .35 | | | | | | 19.3 | | | | | | |
| | -.40 | .360 | 3 .323 | | +.037 | | +5 | 20.32 | 3 19.37 | 17.90 | | -.95 | -1.47 | |
| | - .58 | - .12 | 4 .372 | 7 357 | -40.351 | | - .36 - | .75 | 1 17.15 - | .75 | | | | |
| | | | | | | | 34 | | 4 19.57 | 8 | 7354 | +5 | 19.19 | |
| Jan. 16 | -41.73 .70 | .72 .73 | .62 .60 | | | | | 20.7 | 19.9 | 22.1 | | | | |
| | | .64 .65 | .57 .56 | | | | | 21.3 | 19.6 | 21.1 | | | | |
| | | .73 .75 | .58 .58 | | | | | 21.1 | 20.6 | 21.3 | | | | |
| | | | .61 .64 | | | | | | 21.6 | | | | | |
| | -41.730 | .097 | 4 .595 | +.135 | +.202 | | +.5 | 21.03 | 4 20.43 | 21.50 | | -.60 | +1.07 | |
| | - .57 | - .11 | 3 .708 | | | | - .34 - | .76 | 3 .76 - | .74 | | | | |
| | | | 1 .787 | 8 5591 | -41.679 | | 33 | | 3 .27 | 10 | 481 | +5 | 20.48 | |
| | .702 | .710 | 4 595 | | | | | | | | | | | |
| | | | 3 .721 | | | | | | | | | | | |
| | | | 1 .757 | 8 5300 | -41.663 | | | | | | | | | |
| Jan. 19 | -45.56 | .65 | .70 | | | | +5 21.1 | 20.5 | 19.5 | 20.3 | | | | |
| | | | .70 | | | | | | 18.2 | 20.0 | | | | |
| | | | .70 | | | | | | 19.9 | 20.6 | | | | |
| | -45.560 | .650 | 3 .700 | -.140 | +.050 | | +5 21.10 | 20.50 | 3 19.20 | 20.30 | -1.90 | -1.30 | -1.10 | |
| | - .56 | - .9 | 1 .650 | | | | - .32 - | .78 | 3 .58 - | .72 | | | | |
| | | | 1 .616 | 5 3375 | -45.675 | | | | 1 .72 | | | | | |
| | | | | | 45.675 | | | | 1 20.78 | 8 | 7684 | +5 | 19.60 | |
| | | | | | | | | | | 20.6 | | | | |

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| | 1 | 2 | Smith Group | Z-1 | Z-2 | 1 | 2 | Smith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.56 | +.54 +.13 | +.13 -.38 | -.38 -.82 | | | |
| 1878 | | | | | | | | | | | | |
| Jan 22 | -48.49 | .52 | | | | +5 21.0 | 22.4 | " | 20.3 | | | |
| | | .53 | | | | | 21.1 | | 20.7 | | | |
| | | | 2 .529 | | | | | 3 19.70 | 20.2 | | | |
| | -48.490 | .525 | 1 .524 | | 48.534 | +5 21.00 | 21.75 | 2 26.99 | 20.40 | | | |
| | - 54 | - 4 | | | | - 25 | 76 | 1 20.69 - | .70 | 6177 | +5 | 20.29 |
| Jan. 23 | -49 | 48.94 | 49.07 | | | 31 | 20.7 | 20.6 | 20.9 | | | |
| | | 48.99 | .08 | | | | 19.6 | 21.4 | | | | |
| | | 49.08 | .10 | | | | 19.5 | 21.2 | | | | |
| | | | .00 | | | | | 20.6 | | | | |
| | | | .05 | | | | | 20.9 | | | | |
| | | 49.003 | 5 .060 | ~~.087~~ | -.057 | +5 | 20.27 | 5 20.94 | 20.90 | - - | + .67 | + .04 |
| | - 54 | - 3 | 3 .006 | | | - 30 | - 78 | 1 20.21 - | .69 | | | |
| | | | | 8 318 | -49 .0140 | | | 8 19.49 | 9 | 18338 | +5 | 20.38 |
| Jan 24 | -50.24 | .36 | - 50.19 | | | +5 23.0 | 27.82 | 21.9 | 23.6 | | | |
| | .31 | .33 | .40 | | | 21.3 | 22.2 | 20.6 | 22.8 | | | |
| | | | .12 | | | | 21.1 | 21.1 | 23.6 | | | |
| | | | .33 | | | | | 20.6 | | | | |
| | | | .36 | | | | | 22.6 | | | | |
| | | | .34 | | | | | | | | | |
| | -50.275 | .345 | 6 .290 | - .015 | + .055 | +5 22.15 | 22.70 | 5 21.36 | 23.33 | - .79 | - 1.34 | - 1.97 |
| | - 53 | - 2 | 2 .347 | | | - 30 | - 76 | 3 22.65 - | 68 | | | |
| | | | 2 .328 10 3090 | | -50.309 | | | 2 21.94 | | | | |
| | | | | | | | | 2 21.85 | 12 | 2233 | +5 | 21.86 |
| Jan. 28 | -54.88 .87 | .85 .86 | .99 .99 | | | +5 20.3 | 21.4 | 20.6 | 22.2 | | | |
| | | .96 .97 | .95 .94 | | | | 20.8 | 19.7 | 20.7 | | | |
| | | | .96 .97 | | | | | 20.9 | 22.1 | | | |
| | -54.880 | .905 | 3 .967 | - .087 | - .062 | +5 20.30 | 21.10 | 3 20.40 | 21.67 | + .10 | - .70 | - 1.27 |
| | - 52 | + 3 | 2 .902 | | | - ~~.37~~ | - 78 | 3 21.01 - | 66 | | | |
| | | | 1 .932 6 237 | | -54.939 | 29 | | 2 20.32 | | | | |
| | .870 | .915 | | | | | | 1 20.01 | 9 | 488 | +5 | 20.54 |
| | | | 3 .967 | | | | | | | | | |
| | | | 2 .912 | | | | | | | | | |
| | | | 1 .922 6 241 | | -54.940 | | | | | | | |
| Jan. 29 | -56.16 | .22 | .20 | | | +5 20.5 | 22.4 | 21.0 | 23.3 | | | |
| | .22 | .20 | .21 | | | 22.1 | 22.4 | 20.3 | 23.2 | | | |
| | | | .22 | | | | | 22.5 | 23.0 | | | |
| | | | .20 | | | | | 21.9 | | | | |
| | -56.190 | .210 | 4 .208 | - .018 | + .002 | +5 21.30 | 22.40 | 4 21.43 | 23.17 | + .13 | - .97 | - 1.74 |
| | - 51 | + 4 | 2 .206 | | | - ~~.37~~ | - 78 | 3 22.52 - | 65 | | | |
| | | | 2 .241 8 126 | | -56.216 | 28 | | 2 21.62 | | | | |
| | | | | | | | | 2 21.02 | 11 | 1856 | +5 | 21.69 |
| Jan. 30 | -57.67 | .61 | .66 | | | +5 22.3 | 22.9 | 21.2 | 23.1 | | | |
| | | .61 | .65 | | | | 23.2 | 21.5 | 23.8 | | | |
| | | .63 | .58 | | | | 22.4 | 21.5 | 23.3 | | | |
| | | | .63 | | | | 2 | 23.0 | | | | |
| | -57.670 | .617 | 4 .630 | + .040 | - .013 | +5 22.30 | 22.83 | 4 21.80 | 23.48 | + .50 | - 1.03 | - 1.60 |
| | - 51 | + 4 | 3 .613 | | | - ~~.37~~ | - 78 | 3 22.76 - | 64 | | | |
| | | | 1 .721 8 280 | | -57.635 | 28 | | 3 .05 | 23.3 | | | |
| | | | | | | | | 1 .02 | 11 | 2365 | +5 | 22.15 |
| Feb 2 | -61.59 | .70 | .67 | | | +5 19.8 | 22.3 | 21.5 | 21.1 | | | |
| | | .71 | .76 | | | | 22.3 | 21.3 | 22.4 | | | |
| | | .61 | | | | | 23.0 | | | | | |
| | -61.590 | .673 | 2 .715 | - .125 | - .042 | +5 19.80 | 22.53 | 2 21.40 | 21.75 | + 1.60 | - 1.23 | - 0.35 |
| | - 49 | + 6 | 3 .667 | | | - ~~.37~~ | - 78 | 2 .12 - | 63 | | | |
| | | | 1 .639 6 470 | | -61.678 | 27 | | 3 .75 | | | | |
| | | | | | | | | 1 19.53 | 8 | 16982 | +5 | 21.23 |
| Feb. 3 | -63.03 | .07 | .08 | | | +5 21.5 | 22.2 | 22.0 | 21.8 | | | |
| | .08 | .18 | .17 | | | 21.8 | 22.1 | 21.2 | 21.0 | | | |
| | | | | | | | | | 21.8 | | | |
| | -63.055 | .125 | 2 .125 | - .070 | + .000 | +5 21.65 | 22.15 | 2 21.60 | 21.53 | - .05 | - .55 | + .07 |
| | - 48 | + 8 | 2 .177 | | | - ~~.37~~ | - 78 | 3 20.91 - | 62 | | | |
| | | | 2 .103 6 210 | | -63.135 | 27 | | 2 21.37 | | | | |
| | | | | | | | | 2 21.38 | 9 | 1143 | +5 | 21.27 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 4.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Feb. 4 | -64.32 | ,33 | ,36 | | | | +5 19.6 | 22.2 | 23.8 | 21.4 | | | |
| | ,26 | ,42 | ,32 | | | | 21.0 | 22.6 | 20.9 | 20.2 | | | |
| | | | | | | | | | | 22.2 | | | |
| | -64.290 | .375 | 2 .340 | -.050 | +.035 | | +5 20.30 | 22.40 | 2 21.95 | 21.37 | +1.65 | -.45 | +.58 |
| | - 47 | + 9 | 2 .366 | | | | - 34 | - 78 | 3 20.77 | - 60 | | | |
| | | | 2 .337 | 6 286 | -64.348 | | 27 | | 2 21.62 | | | | |
| | | | | | | | | | 2 20.03 | 9 | 51 | +5 | 21.06 |
| Feb 5 | -65.39 | ,37 | ,33 | | | | +5 21.4 | 22.2 | 21.4 | 21.7 21.0 | | | |
| | ,25 | ,34 | ,41 | | | | 20.6 | 21.5 | 22.1 | 20.3 | | | |
| | | | ,43 | | | | | | 21.4 | (B) | | | |
| | -65.320 | .355 | 3 .390 | -.070 | -.035 | | +5 21.00 | 21.85 | 3 21.63 | 21.7 | +.63 | -.22 | -.07 |
| | - 46 | + 10 | 2 345 | | | | - 34 | - 78 | 3 20.40 | - 60 | | | |
| | | | 2 366 | 7 492 | -65370 | | 26 | | 2 21.07 | | | | |
| | | | | | | | | | 2 20.74 | 10 | 181 | +5 | 21.18 20.57 |
| Feb. 6 | -5.38 | ,39 | ,110 | | | | +5 21.3 | 21.4 | 21.4 | 20.3 | | | |
| | ,34 | ,44 | ,36 | | | | 20.7 | 20.8 | 20.3 | 20.9 | | | |
| | | ,42 | | | | | | 20.7 | | 19.7 | | | |
| | | ,40 | | | | | | 22.0 | | | | | |
| | -5.360 | .412 | 2 .353 | +.007 | +.059 | | +5 21.00 | 21.23 | 2 20.85 | 20.30 | +.15 | -.38 | +.55 |
| | - 45 | + 11 | 4 401 | | | | - 34 | - 78 | 3 19.71 | - 59 | | | |
| | | | 2 .405 | 8 3120 | -5.390 | | 26 | | 4 20.45 | | | | |
| | | | | | | | | | 2 .74 | 11 | 411 | +5 | 20.37 |
| Feb. 7 | -5.14 | ,22 | ,19 | | | | +4 5.9 | 7.3 | 7.9 | 6.1 | | | |
| | | ,17 | | | | | | 7.5 | | 5.8 | | | |
| | | ,20 | | | | | | 4.6 | | 4.9 | | | |
| | | ,15 | | | | | | 7.6 | | | | | |
| | | ,20 | | | | | | 6.8 | | | | | |
| | -5.140 | .188 | 1 .190 | -.050 | -.002 | | +4 5.90 | 7.16 | 1 7.90 | 5.60 | +.00 | +.74 | +2.30 |
| | - 44 | + 12 | 5 .176 | | | | - 34 | - 78 | 3 5.02 | - 58 | | | |
| | | | 1 .184 | 7 654 | - 5.193 | | 26 | | 5 6.38 | | | | |
| | | | | | | | | | 1 5.64 | 10 | 6050 | +4 | 6.05 |
| Feb. 11 | -2.62 | ,50 | ,65 | | | | +4 6.7 | 8.1 | 6.7 | 6.8 | | | |
| | | .57 | | | | | | 8.7 | | 7.8 | | | |
| | | ,55 | | | | | | 8.7 | | 6.6 | | | |
| | | ,56 | | | | | | 7.2 | | | | | |
| | | .63 | | | | | | 7.2 | | | | | |
| | | ,55 | | | | | | 7.2 | | | | | |
| | | .58 | | | | | | 7.3 | | | | | |
| | -2.620 | .563 | 1 .650 | -.030 | -.087 | | +4 6.40 | 7.69 | 1 6.70 | 7.07 | +.00 | -.99 | -.37 |
| | - 44 | + 11 | 7 .552 | | | | - 35 | - 78 | 3 6.51 | - 56 | | | |
| | | | 1 .664 | | - 2.575 | | 26 | | 7 6.91 | | | | |
| | | | | | | | | | 1 6.44 | 12 | 904 | +4 | 6.75 |
| Feb. 13 | -1.85 | ,87 | | | | | +4 7.7 | 8.0 | | 7.0 | | | |
| | | ,92 | | | | | | | | 8.2 | | | |
| | -1.850 | .895 | | | | | +4 7.40 | 8.00 | | 7.60 | | | |
| | - 40 | + 14 | 2 .881 | | | | - 35 | - 78 | 2 7.04 | - 56 | | | |
| | | | 1 .890 | 3 252 | - 1.884 | | 25 | | 1 7.22 | | | | |
| | | | | | | | | | 1 7.45 | 4 | 75 | +4 | 7.19 |
| Feb 14 | -1.57 .57 | .61 .63 | .68 .69 | | | | +4 7.5 | 7.8 | 9.1 | 8.5 | | | |
| | ,55 | .64 .66 | .76 .78 | | | | + 6.3 | 7.5 | 6.1 | 7.7 | | | |
| | | .57 .71 | | | | | | 7.6 | | | | | |
| | | .67 .71 | | | | | | 8.4 | | | | | |
| | | .66 | | | | | | 8.8 | | | | | |
| | -1.560 | .650 | 2 .720 | -.160 | -.070 | | +4 6.90 | 8.02 | 2 7.60 | 8.10 | +.70 | -1.02 | -.50 |
| | - 35 | + 18 | 5 .632 | | | | - 36 | - 78 | 2 7.56 | - 54 | | | |
| | .570 | .678 | 2 .595 | 9 5790 | - 1.643 | | 24 | | 5 7.24 | | | | |
| | | | | | | | | | 2 6.66 | 11 | 584 | +4 | 7.55 26 |
| | | | 2 .735 | | | | | | | | | | |
| | | | 4 .660 | | | | | | | | | | |
| | | | 1 .605 | 7 4715 | - 1.674 | | | | | | | | |

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| | 1 | 2 | Zenith Groups | Z-1 | Z-2 | | 1 | 2 | Zenith Groups | 3 | x'-1 | x'-2 | x'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 -.18 +.78 +.18 +.70 +.70 +1.91 | | | | | | +.79 +.54 +.54 +.13 | | +.13 -.38 -.38 -.80 | | | | |
| 1878 | | | | | | | | | | | | | |
| Feb 16 | 9 | 9 | 9 | | | | 1 | " | " | " | | | |
| | -1 | .10 .10 | .01 .01 | | | | +4 | 7.1 | 6.8 | 6.5 | | | |
| | | .03 .04 | .02 .02 | | | | | 7.8 | 6.6 | 7.3 | | | |
| | | .16 .16 | | | | | | 7.5 | | | | | |
| | | .04 .04 | | | | | | 6.8 | | | | | |
| | -1 | .082 | 2 .015 | | +.067 | | +4 | 7.30 | 2 6.70 | 6.90 | -.60 | -.20 | |
| | - 30 | - 19 | 4 .101 | 6 434 | -1.072 | | - 76 | - 78 | 2 .38 | - 52 | | | |
| | | .085 | | | | | 24 | | 4 .52 | 8 | 424 | +4 | 6.53 |
| | | | 2 .015 | | | | | | | | | | |
| | | | 4 .104 | 6 446 | -1.074 | | | | | | | | |
| Feb 18 | -0.25 | .31 | .30 | | | | +4 6.7 | 8.3 | 8.5 | 7.8 | | | |
| | .28 | .32 | .26 | | | | | 7.1 | 7.3 | 7.1 | | | |
| | | .30 | | | | | | 8.3 | ~~7.8~~ | | | | |
| | | .31 | | | | | | 7.4 | 7+ | | | | |
| | | .29 | | | | | | 7.3 | | | | | |
| | | .30 | | | | | | 7.4 | | | | | |
| | | | | | | | | 6.1 | | | | | |
| | -0.265 | .305 | 2 .280 | -.015 | +.025 | | +4 6.70 | 7.41 | 2 7.90 | 7.45 | +1.20 | +.49 | +.45 |
| | - 22 | + 20 | 6 .285 | | | | - 36 | - 79 | 2 6.94 | - 51 | | | |
| | | | 2 .287 | 10 8441 | -.0284 | | 24 | | 7 .62 | | | | |
| Feb 19 | +0.06 +.04 | -.03 -.09 | -.11 -.15 | | | | | | 1 .46 | 12 | 1048 | +4 | 6.87 |
| | -.02 +.04 | .04 -.07 | | | | | +4 8.2 | 7.8 | 6.7 | 7.5 | | | |
| | | .06 -.04 | | | | | 7.6 | 7.8 | | 8.1 | | | |
| | | .10 -.03 | | | | | | 8.5 | | 7.1 | | | |
| | | | | | | | | 8.3 | | 9.1 | | | |
| | ~~+0.020~~ | .058 | 1 -.110 | -.070 | -.052 | | +4 7.90 | 8.10 | 1 6.70 | 7.95 | -1.20 | -1.40 | -1.25 |
| | - 20 | + 21 | 4 -.037 | | | | - 36 | - 79 | 4 7.45 | - 50 | | | |
| | +.040 | -.058 | 2 .000 | ~~7 258~~ | ~~-0.037~~ | | 24 | | 4 7.31 | | | | |
| | | | 1 -.150 | | | | | | 2 7.66 | 11 | 406 | +4 | 7.37 |
| | | | 4 -.037 | | | | | | | | | | |
| | | | 2 +.020 | 7 258 | -0.037 | | | | | | | | |
| Feb 24 | +1.78 | .70 | 1.74 | | | | +4 7.5 | 7.4 | 6.4 | 5.9 | | | |
| | .79 | .72 | | | | | 7.6 | 7.2 | | 7.8 | | | |
| | .67 | .67 | | | | | 7.0 | 7.8 | | 7.5 | | | |
| | | .77 | | | | | | 8.0 | | 7.9 | | | |
| | +1.747 | .715 | 1 1.740 | -.007 | +.025 | | +4 7.37 | 7.60 | 1 6.40 | 7.28 | -.97 | -1.20 | -.88 |
| | - 14 | + 24 | 4 .739 | | | | - 27 | - 79 | 4 6.81 | - 47 | | | |
| | | | 3 .733 | 8 295 | +1.737 | | 23 | | 4 6.81 | | | | |
| | | | | | | | | | 3 7.14 | 12 | 1030 | +4 | 6.86 |
| Feb 26 | +2.61 | .61 | .62 | | | | +4 7.5 | 7.3 | 6.7 | 7.4 | | | |
| | | .59 | | | | | | 6.3 | | 6.2 | | | |
| | | .53 | | | | | | 7.4 | | 7.3 | | | |
| | | .60 | | | | | | 8.2 | | | | | |
| | | .62 | | | | | | 8.6 | | | | | |
| | +2.610 | .590 | 1 .620 | +.010 | +.030 | | +4 7.50 | 7.56 | 1 6.70 | 6.97 | -.85 | -.86 | -.27 |
| | - 12 | + 24 | 5 .614 | | | | - 22 | - 80 | 3 .51 | - 46 | | | |
| | | | 1 .598 | 7 88 | +2.613 | | | | 5 .76 | | | | |
| | | | | | | | | | 1 7.28 | 10 | 731 | +4 | 6.73 |
| Feb 24 | +3.02 | 2.98 | 3.014 | | | | +4 9.2 | 7.6 | 7.0 | 8.0 | | | |
| | 2.97 | .93 | | | | | 8.7 | 8.6 | | 7.1 | | | |
| | .97 | .95 | | | | | 8.1 | 9.0 | | 7.7 | | | |
| | .97 | | | | | | 7.7 | | | | | | |
| | +2.983 | .952 | 1 3.040 | +.057 | +.087 | | +4 8.42 | 8.40 | 1 7.00 | 7.60 | -1.42 | -1.40 | -.60 |
| | - 12 | + 25 | 3 2.978 | | | | - 22 | - 80 | 3 7.14 | - 46 | | | |
| | | | 4 .971 | 8 7858 | +2.982 | | | | 3 7.60 | | | | |
| | | | | | | | | | 4 8.20 | 11 | 302 | +4 | ~~7.27~~ 6.64 |
| Feb 28 | +3.47 | .141 | .35 | | | | +4 9.7 | 7.9 | 8.2 | 8.0 | | | |
| | .44 | .35 | .43 | | | | 8.2 | 8.6 | 7.8 | 7.3 | | | |
| | .38 | .40 | | | | | 8.8 | 8.9 | | 8.3 | | | |
| | .43 | | | | | | 7.9 | | | | | | |
| | +3.430 | .387 | 2 .390 | -.040 | +.003 | | +4 8.65 | 8.47 | 2 8.00 | 7.87 | -.65 | -.47 | +.19 |
| | - 12 | + 25 | 3 .412 | | | | - 22 | - 80 | 3 7.42 | - 45 | | | |
| | | | 4 .418 | 9 88 | +3.409 | | | | 3 7.67 | | | | |
| | | | | | | | | | 4 8.43 | 12 | 1099 | +4 | 7.92 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | Z3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.16 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Mar. 4 | +5 | ,10 | ,07 | | | | +4 | 7.8 | 7.8 | 8.9 | | | |
| | | ,03 | | | | | | 7.7 | | 7.9 | | | |
| | | ,07 | | | | | | 8.0 | | | | | |
| | | ,15 | | | | | | 7.9 | | | | | |
| | +5 | .088 | 1 .070 | | + .018 | | +4 | 7.85 | 1 7.80 | 8.40 | -.05 | - .64 | |
| | - 10 | + 25 | 4 .113 | 5 22 | +5.104 | | - 18 | - 80 | 2 .97 | - 43 | | | |
| | | | | | | | 22 | | 4 .05 | 7 | 294 | +4 | 7.42 |
| Mar. 5 | +5.21 | .25 | .26 | | | | +4 8.8 | 7.4 | 7.3 | 8.8 | | | |
| | .22 | .30 | .34 | | | | 7.7 | 8.3 | 7.1 | 6.9 | | | |
| | | .31 | .27 | | | | | 8.9 | 7.9 | 9.1 | | | |
| | +5.215 | .287 | 3 .290 | + .075 | + .003 | | +4 8.25 | 8.20 | 3 7.43 | 8.27 | -.82 | -.77 | - .84 |
| | - 10 | + 25 | 3 .312 | | | | - 18 | - 80 | 3 .85 | - 42 | | | |
| | | | 2 .205 | 8 616 | +5.277 | | 22 | | 3 .40 | | | | |
| | | | | | | | | | 2 8.03 | 11 | 710 | +4 | 7.65 |
| Mar. 6 | +5.52 | .55 | .56 | | | | +4 8.8 | 9.0 | 7.4 | 7.6 | | | |
| | .55 | | | | | | 8.4 | | X | 7.0 | | | |
| | | | | | | | | | | 8.5 | | | |
| | +5.535 | .550 | 1 .560 | + .025 | + .010 | | +4 8.60 | 9.00 | 1 7.40 | 7.70 | -1.20 | -1.60 | - .30 |
| | - 10 | + 26 | 1 .576 | | | | - 22 | - 80 | 3 7.29 | - 41 | | | |
| | | | 2 .525 | 4 186 | +5.546 | | | | 1 8.20 | | | | |
| | | | | | | | | | 2 8.38 | 7 | 523 | +4 | 7.75 |
| Mar. 16 | +10.09 | .06 | .14 | | | | +4 8.1 | 9.1 | 8.7 | 8.7 | | | |
| | | .04 | .02 | | | | | 10.0 | 8.4 | 9.7 | | | |
| | | .04 | | | | | | 8.9 | | 9.5 | | | |
| | | | | | | | | | | 10.2 | | | |
| | +10.090 | .047 | 2 .080 | - .010 | + .033 | | +4 8.10 | 9.33 | 2 8.55 | 9.53 | +.45 | -.78 | - .98 |
| | - 22 | + 22 | 3 .069 | | | | - 20 | - 80 | 4 9.15 | - 38 | | | |
| | 12 | | 1 .078 | 6 445 | +10.074 | | | | 3 8.53 | | | | |
| | | | | | | | | | 1 7.90 | 10 | 719 | +4 | 8.72 |
| Mar. 19 | +12.11 | + .08 | .27 | | | | +4 9.7 | 10.9 | 9.7 | 9.8 | | | |
| | | .11 | .10 | | | | | 11.7 | 9.9 | 10.6 | | | |
| | | .12 | | | | | | 10.4 | | 9.4 | | | |
| | | | | | | | | | | 10.4 | | | |
| | +12.110 | .103 | 2 .185 | + .075 | + .082 | | +4 9.70 | 11.0 | 2 9.80 | 10.05 | +.10 | - .30 | - .25 |
| | - 16 | + 20 | 3 .123 | | | | - 20 | - 80 | 4 9.68 | - 37 | | | |
| | | | 1 .094 | 6 233 | +12.139 | | | | 3 10.20 | | | | |
| | | | | | | | | | 1 9.50 | 10 | 572 | +4 | 9.72 |
| Mar. 20 | +12.77 | + .10 | | | | | +4 10.4 | 11.0 | | 10.8 | | | |
| | .75 | .75 | | | | | 11.1 | 11.0 | | 11.7 | | | |
| | | | | | | | | | | 11.9 | | | |
| | +12.760 | .725 | 2 .743 | | | | +4 10.75 | 11.00 | 3 11.10 | 11.27 | | | |
| | - 20 | + 18 | 2 .740 | 4 166 | +12.742 | | - 20 | - 80 | 2 10.20 | - 37 | | | |
| | | | | | | | | | 2 10.55 | 7 | 480 | +4 | 10.69 |
| Mar. 21 | +13.32 | .11 | .39 | | | | +4 11.5 | 11.1 | 10.8 | | | | |
| | .20 | .15 | .12 | | | | 10.9 | 12.4 | 10.7 | 11.4 | | | |
| | | | | | | | | | | 10.1 | | | |
| | +13.260 | .130 | 2 .255 | - .005 | + .125 | | +4 11.20 | 11.75 | 2 10.75 | 11.1 | | | |
| | - 23 | + 16 | 2 .146 | | | | - 20 | - 80 | 3 10.50 | - 34 | | | |
| | | | 2 .237 | 6 | +13.213 | | | | 2 10.95 | | | | |
| | | | | | | | | | 2 11.00 | 9 | 690 | +4 | 10.77 |

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| | 1 | 2 | Limit-Group | z-1 | z-2 | 1 | 2 | Limit-Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -18 +18 | +18 +70 | +70 +191 | | | +79 +54 | +54 +13 | +13 -38 | -38 -80 | | | |
| 1878 | | | | | | | | | | | | |
| Mar. 26 | +16.04 | 15.95 | .94 | | | +4 10.7 | 11.8 | 10.3 | 10.1 | | | |
| | .02 | .94 | | | | 10.2 | 12.3 | | 10.9 | | | |
| | +16.060 | 15.945 | 1 .940 | -.090 | -.005 | +4 10.45 | 12.05 | 1 10.30 | 10.80 | -.15 | -1.75 | -2.0 |
| | - 36 | + 10 | 2 .955 | | | - 20 | - 81 | 2 .14 | - 36 | | | |
| | | | 2 .994 | 5 338 | +14.968 | | | 2 11.24 | | | | |
| | | | | | | | | 2 10.25 | 7 | 356 | +4 | 10.51 |
| Mar 30 | +17.62 | .55 | .54 | | | +4 10.9 | 10.6 | 10.9 | 10.7 | | | |
| | .67 | .62 | .67 | | | 9.5 | 11.6 | 9.6 | 11.4 | | | |
| | 17.645 | .585 | 2 .605 | -.040 | +.020 | +4 10.20 | 11.10 | 2 10.25 | 11.05 | +.05 | -.85 | -0.80 |
| | - 50 | + 1 | 2 .586 | | | - 21 | - 81 | 2 .69 | - 36 | | | |
| | | | 2 .595 | 6 572 | +17595 | | | 2 .29 | | | | |
| | | | | | | | | 2 9.99 | 8 | 2111 | +4 | 10.30 |
| Mar. 31 | +18.12 | +17.98 | 17.95 | | | +4 11.7 | 11.9 | 10.8 | 10.5 | | | |
| | .16 | 18.10 | 18.07 | | | 9.9 | 10.7 | 9.6 | 11.8 | | | |
| | | 17.98 | .14 | | | | 10.9 | 10.0 | | | | |
| | +18.140 | ~~17.987~~ | 3 18.053 | -.087 | +.066 | +4 10.80 | 11.17 | 3 10.13 | 11.15 | -.67 | -1.04 | -1.02 |
| | - 56 | + 18026 | 3 18.020 | | | - 21 | - ~~84~~ 81 | 2 .79 | - 36 | | | |
| | | | 2 18.084 | 8 288 | +18.~~036~~ 048 | | | 3 .36 | | | | |
| | | | | | | | | 2 .59 | 10 | 423 | | 10.42 |
| Apr. 2 | +19.17 | .19 | .14 | | | +4 10.8 | 12.0 | 10.3 | 10.6 | | | |
| | | .17 | .07 | | | | 10.8 | 11.3 | 11.4 | | | |
| | | | .14 | | | | | 11.5 | | | | |
| | +19.170 | .180 | 3 .117 | -.053 | -.063 | +4 10.80 | 11.40 | 3 11.03 | 11.00 | +.23 | -.37 | +.03 |
| | - 66 | + 6 | 2 .174 | | | - 21 | - 82 | 2 10.64 | - 36 | | | |
| | | | 1 .104 | 6 203 | +19.134 | | | 2 .58 | | | | |
| | | | | | | | | 1 .59 | 8 | 612 | +4 | 10.76 |
| Apr. 3 | +19.99 | .84 | .76 | | | +4 10.2 | 11.6 | 9.5 | 10.5 | | | |
| | | | .84 | | | | | 11.1 | 8.5 | | | |
| | | | .83 | | | | | 10.2 | | | | |
| | +19.990 | .840 | 3 .8~~13~~ 10 | -.147 | +.003 | +4 10.20 | 11.60 | 3 10.27 | 9.50 | +.07 | -1.33 | +.77 |
| | - 70 | - 7 | 1 .833 | | | - 22 | - 82 | 2 9.14 | - 36 | | | |
| | | | 1 .920 | 5 282 | +19.8~~56~~ 86 | | | 1 10.78 | | | | |
| | | | | | | | | 1 9.98 | 7 | 885 | +4 | ~~9.998~~ |
| Apr. 8 | +23.47 | .47 | .34 | | | | 10.9 | 10.0 | 10.4 | | | |
| | | .41 | .40 | | | | 10.9 | 10.5 | 10.6 | | | |
| | | | .38 | | | | 11.6 | 11.3 | | | | |
| | +23.470 | .440 | 3 .373 | -.097 | -.067 | | 11.13 | 3 10.60 | 10.50 | | -.53 | +.10 |
| | - 75 | - 14 | 2 .426 | | | - 22 | - 82 | 2 .12 | - 38 | | | |
| | | | 1 .395 | 6 566 | +23.394 | | | 3 .31 | 8 | 294 | +4 | 10.37 |
| Apr. 13 | +26.80 | .82 | .82 | | | +4 | 11.2 | 10.2 | 10.6 | | | |
| | | .89 | .89 | | | | 10.7 | 10.5 | | | | |
| | | | .88 | | | | 10.~~7~~ 9 | 10.1 | | | | |
| | +26.800 | .855 | 3 .863 | +.063 | +.008 | +4 | 10.87 | 3 10.27 | 10.60 | | -.60 | -.33 |
| | - 77 | - 18 | 2 .837 | | | - 23 | - 82 | 1 20 | - .40 | | | |
| | | | 1 723 | 6 4986 | +26.831 | | | 3 .05 | 7 | 116 | +4 | 10.17 |
| Apr. 14 | +27 | .61 | .62 | | | +4 | 10.7 | 10.8 | 10.1 | | | |
| | | .64 | .64 | | | | 10.6 | 10.4 | 10.9 | | | |
| | | .68 | | | | | 12.1 | | | | | |
| | +27 | .643 | 2 .630 | | -.013 | +4 | 11.13 | 2 10.60 | 10.50 | | -.53 | +.10 |
| | - 77 | - 19 | 3 .624 | 5 132 | +27.626 | - 24 | - 83 | 2 .09 | - 41 | | | |
| | | | | | | | | 3 .30 | 7 | 228 | +4 | 10.33 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | x 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Apr 16 | +29 | .14 | .19 | | | | +4 | 12.3 | 11.0 | 11.5 | | | |
| | +29 | .140 | 1 .190 | | +.050 | | +4 | 12.30 | 1 11.00 | 11.50 | | -1.30 | -.50 |
| | - 78 - 20 | | 1 .120 | 2 110 | +29.155 | | - 24 - 83 | | 1 .08 - 42 | | | | |
| | | | | | | | | | 1 .47 | 3 | 55 | +4 | 11.18 |
| Apr 18 | +30.46 | .39 | | | | | +4 10.6 | 10.2 | | 11.3 | | | |
| | | .46 | | | | | | 11.4 | | 11.3 | | | |
| | | | | | | | | | | 10.9 | | | |
| | +30.460 | .425 | | | | | 10.60 | 10.80 | | 11.17 | | | |
| | - 78 - 21 | | 2 .404 | | | | - 25 - 83 | | 3 10.74 - | 43 | | | |
| | | | 1 .382 | 3 1182 | +30.394 | | | | 2 9.97 | | | | |
| | | | | | | | | | 1 10.35 | | | +4 | 10.42 |
| May 1 | +35 | .86 | .77 | | | | +4 | 10.3 | 10.0 | 9.9 | | | |
| | | .87 | .76 | | | | | 11.4 | 11.4 | 11.1 | | | |
| | | | .77 | | | | | | 9.8 | | | | |
| | +35 | .865 | 3 .767 | | -.098 | | +4 | 10.85 | 2 10.40 | 10.50 | | -.45 | -.10 |
| | - 75 - 26 | | 2 .839 | 5 3979 | +35.796 | | - 32 - 84 | | 2 9.98 - | 52 | | | |
| | | | | | | | | | 2 10.01 | 6 | 78 | +4 | 10.13 |
| May 2 | +35.80 | .73 | .64 | | | | +4 10.8 | 11.8 | 10.3 | 12.0 | | | |
| | | .70 | .72 | | | | | 12.0 | 10.4 | 10.5 | | | |
| | | .71 | .69 | | | | | 11.8 | 10.5 | 10.7 | | | |
| | | | | | | | | | 9.9 | 10.3 | | | |
| | +35.800 | .713 | 3 .683 | -.117 | -.033 | | +4 10.80 | 11.87 | 4 10.28 | 10.88 | -.52 | -1.59 | -.60 |
| | - 74 - 27 | | 3 .686 | | | | - 32 - 84 | | 4 .35 - | 53 | | | |
| | | | 1 .726 | 7 633 | +35.690 | | | | 3 11.03 | | | | |
| | | | | | | | | | 1 10.48 | 12 | 609 | +4 | 10.51 |
| May 4 | +36 | .04 | .04 | | | | +4 | 12.7 | 12.3 | 12.9 | | | |
| | | .13 | | | | | | 12.2 | | | | | |
| | +36 | .085 | 1 .040 | | -.045 | | +4 | 12.45 | 1 12.30 | 12.90 | | -.15 | -.60 |
| | - 74 - 28 | | 2 .057 | 3 154 | +36.051 | | - 33 - 84 | | 1 .36 - | 54 | | | |
| | | | | | | | | | 2 11.61 | 4 | 788 | +4 | 11.97 |
| May 5 | +36 | .79 | .66 | | | | +4 | 11.8 | 11.0 | 11.8 | | | |
| | | .77 | .73 | | | | | 12.7 | 11.1 | 11.5 | | | |
| | +36 | .780 | 2 .695 | | -.085 | | +4 | 12.25 | 2 11.05 | 11.65 | | -1.25 | -.60 |
| | - 72 - 28 | | 2 .752 | 4 94 | +36.723 | | - 33 - 84 | | 2 11.10 - | 55 | | | |
| | | | | | | | | | 2 .41 | 6 | 112 | +4 | 11.19 |
| May 6 | +37.63 .63 | .51 .51 | .35 | | | | +4 10.2 | 11.6 | 11.3 | 12.8 | | | |
| | | .60 .60 | .65 .65 | | | | | 11.5 | 9.7 | 11.8 | | | |
| | | | | | | | | | 11.2 | 12.3 | | | |
| | +37.630 | .555 | 2 .500 | -.130 | -.055 | | +4 10.20 | 11.55 | 3 10.73 | 12.30 | +.53 | -.82 | -1.57 |
| | - 70 - 29 | | 2 .526 | | | | - 34 - 84 | | 3 11.74 - | 56 | | | |
| | .630 | .555 | 1 .560 | 5 112 | +~~37.522~~ | | | | 2 10.71 | | | | |
| | | | | | | | | | 1 9.86 | 9 | 869 | +4 | 10.97 |
| | | | 1 .650 | | | | | | | | | | |
| | | | 2 .526 | | | | | | | | | | |
| | | | 1 .560 | 4 2262 | +37.566 | | | | | | | | |
| May 7 | +38 | .50 .51 | .49 .51 | | | | +4 | 12.1 | 11.2 | 12.4 | | | |
| | | .58 .60 | .46 .43 | | | | | 11.3 | ~~11.6~~ | 12.6 | | | |
| | | .53 .52 | | | | | | 11.6 | 12.5 | 11.6 | | | |
| | | .53 .51 | | | | | | 12.9 | | 12.7 | | | |
| | +38 | .535 | 2 .475 | | -.060 | | +4 | 11.98 | 2 11.85 | 12.32 | | -.13 | -.47 |
| | - 68 - 29 | | 4 .506 | 6 544 | +38.496 | | - 34 - 84 | | 4 .75 - | 57 | | | |
| | | | | | | | | | 4 .14 | 10 | 526 | +4 | 11.53 |
| | | .535 | 2 .470 | | | | | | | | | | |
| | | | 4 .506 | 6 564 | +38.494 | | | | | | | | |

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| | 1 | 2 | Smith Group | z-1 | z-2 | | 1 | 2 | Smith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.86 | | | |
| 1878 | | | | | | | | | | | | | |
| May 8 | +39.56 | .44 | .44 | | | | +4 11.1 | 12.1 | 12.5 | 12.3 | | | |
| | | .53 | .36 | | | | | 11.3 | 12.5 | 12.0 | | | |
| | | .35 | .52 | | | | | 10.5 | 10.6 | 13.1 | | | |
| | +39.560 | .440 | 3 .440 | −.120 | +.022 | | +4 11.10 | 11.30 | 3 11.87 | 12.47 | +.77 | +.57 | −.60 |
| | − 46 | − 29 | 3 .411 | | | | − 34 | − 84 | 3 .89 − | 58 | | | |
| | | | 1 .494 | 7 247 | +39.435 | | | | 3 10.46 | | | | |
| ~~Add from Bonn~~ | | | | | | | | | 1 .76 | 10 | 342 | +4 | 11.34 |
| June 3 | +67 | .55 | .56 | | | | +4 | 12.7 | 11.6 | 12.5 | | | |
| | | .61 | .60 | | | | | 12.7 | 12.4 | 13.5 | | | |
| | | .57 | .50 | | | | | 12.8 | 11.7 | | | | |
| | | | | | | | +4 | 12.7 | 12.3 | 12.5 | | | |
| | +67 | .577 | 3 .553 | | −.024 | | +4 | 12.73 | 4 12.00 | 13.00 | | −.73 | −1.00 |
| | − 42 | − 34 | 3 .543 | 6 288 | +67.548 | | − 33 | − 12.81 | 2 .39 − | 61 | | | |
| | | | | | | | | | 3 11.92 | | | | |
| | | | | | | | | | | 9 | 544 | +4 | 12.06 |
| June 4 | +68.92 | .91 | .88 | | | | +4 12.9 | 14.2 | 12.4 | 12.9 | | | |
| | .90 | .89 | | | | | 14.0 | 14.1 | | 14.1 | | | |
| | | .92 | | | | | | 13.2 | | | | | |
| | +68.910 | .907 | 1 .880 | −.030 | −.027 | | +4 13.45 | 13.83 | 1 12.40 | 13.50 | −1.05 | −1.43 | −1.10 |
| | − 42 | − 34 | 3 .873 | | | | − 32 | − 80 | 2 .90 − | 60 | | | |
| | | | 2 .868 | 6 435 | +68.872 | | | | 3 13.03 | | | | |
| | | | | | | | +4 12.9 | 14.2 | 2 13 | 8 | 2355 | +4 | 12.94 |
| June 5 | +70 | .25 .19 | .22 .15 | | | | +4 14.0 | 12.5 | 11.3 | 13.1 | | | |
| | | .25 .27 | .20 .23 | | | 2 .190 | | 12.8 | 13.4 | 12.5 | | | |
| | | .24 .32 | | | | 3 .226 | | 14.6 | 12.4 | 13.5 | | | |
| | +70 | .247 | 2 .210 | | −.037 | 5. 1058 | +4 | 13.30 | 3 12.37 | 13.03 | | −.93 | −.66 |
| | − 42 | − 34 | 3 .213 | 5 59 | +70.212 | | − 32 | − 79 | 3 12.43 − | 60 | | | |
| | | .260 | | | +70.212 | | | | 3 .51 | 9 | 393 | +4 | 12.44 |
| June 6 | +71 | .63 | .70 | | | | +4 | 10.1 | 8.9 | 10.1 | | | |
| | | .69 | .62 | | | | | 10.8 | 9.6 | 10.9 | | | |
| | | .66 | | | | | | 9.8 | 9.9 | | | | |
| | | .65 | | | | | | 10.7 | | | | | |
| | | .70 | | | | | | 9.6 | | | | | |
| | +71 | .666 | 2 .660 | | −.006 | | | 10.20 | 3 9.47 | 10.50 | | −.73 | −1.03 |
| | − 41 | − 34 | 5 .632 | 7 280 | +71.640 | | − 31 | − 78 | 2 .90 − | 60 | | | |
| | | | | | | | | | 5 .42 | 10 | 531 | +4 | 9.53 |
| June 9 | +76 | .35 | .35 | | | | +4 | 10.9 | 9.3 | 11.8 | | | |
| | | .37 | .32 | | | | | 10.6 | 9.3 | | | | |
| | | .41 | | | | | | 10.7 | 9.5 | | | | |
| | | .35 | | | | | | 10.9 | 9.5 | | | | |
| | +76 | .370 | 2 .335 | | −.035 | | +4 | 10.78 | 4 9.40 | 11.80 | | −1.35 | −2.40 |
| | − 40 | − 34 | 4 .336 | 6 214 | +76.336 | | − 29 | − 76 | 1 11.21 − | 59 | | | |
| | | | | | | | | | 4 10.02 | 9 | 789 | +4 | 9.88 |
| June 13 | +82 | .51 | .45 | | | | +4 | 11.3 | 9.2 | 8.6 | | | |
| | | .46 | .47 | | | | | 10.2 | 8.9 | | | | |
| | | | | | | | | | 10.1 | | | | |
| | +82 | .485 | 2 .460 | | −.025 | | +4 | 10.75 | 3 9.40 | 8.60 | | −1.35 | +.80 |
| | − .40 | − .38 | 2 .450 | | | | − 26 | − 74 | 1 8.04 − | 58 | | | |
| | | | | 4 220 | +82.455 | | | | 2 10.01 | 6 56 | 5626 | +4 | 9.38 |
| June 19 | +90.18 | .11 | | | | | +4 10.0 | 10.6 | 10.0 | 10.0 | | | |
| | .21 | .11 | | | | | 10.5 | 10.0 | | 10.3 | | | |
| | | .15 | | | | | | 9.0 | | 9.8 | | | |
| | +30.195 | .123 | | | | | +4 10.250 | 9.87 | 1 10.02 | 10.03 | +.25 | +.13 | −.03 |
| | − 39 | − 36 | 3 .087 | | | | − 20 | − 68 | 3 9.57 − | 52 | | | |
| | | | 2 .156 | 5 73 | +90.115 | | | | 3 .19 | | | | |
| | | | | | | | | | 2 10.05 | 9 | 8620 | | 9.58 |
| June 20 | +91.70 | .69 | .72 | | | | +4 9.5 | 10.7 | 8.8 | 10.3 | | | |
| | | .65 | | | | | | 10.3 | 10.0 | 10.1 | | | |
| | | .67 | | | | | | 11.0 | | 10.2 | | | |
| | | .71 | | | | | | 9.6 | | | | | |
| | +31.700 | .680 | 1 .720 | +.020 | +.040 | | +4 9.50 | 10.40 | 2 9.40 | 10.20 | −.10 | −1.00 | −.80 |
| | − 39 | − 36 | 4 .644 | | | | − 18 | − 67 | 3 .69 − | 51 | | | |
| | | | 1 .661 | 6 3957 | +91.659 | | | | 4 .73 | | | | |
| | | | | | | | | | 1 .32 | 10 | 611 | +4 | 9.61 |
| June 24 | −~~4~~6.52 | .59 | .68 | | | | 9.5 | 10.0 | 9.5 | 9.8 | | | |
| | | .66 | | | | | | 10.2 | 9.3 | 9.7 | | | |
| | | .65 | | | | | | 10.4 | | | | | |
| | | .57 | | | | | | 10.2 | | | | | |
| | −~~4~~6.520 | .618 | 1 .680 | −.160 | −.062 | | +4 9.50 | 10.32 | 2 9.40 | 9.80 | −.10 | −.92 | −.40 |
| | − 39 | − 37 | 4 .655 | | | | − 10 | − 62 | 2 .32 − | 48 | | | |
| | | | 1 .559 | 6 3859 | −~~4~~6.643 | | | | 4 .70 | | | | |
| | | | | | | | | | 1 .40 | 9 | 464 | +4 | 9.52 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 8 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | -44,32 | ,28 | ,25 | | | | +4 8.4 | 10.3 | 9.2 | 9.1 | | | |
| June 25 | ,33 | ,25 | ,20 | | | | 9.2 | 9.6 | 10.4 | 10.3 | | | |
| | | ,25 | ,28 | | | | | 10.1 | 9.2 | | | | |
| | | ,30 | ,44 | | | | | 9.7 | 8.7 | | | | |
| | -44.325 | .270 | 4 .293 | +.032 | -.023 | | +4 8.80 | 9.93 | 4 9.38 | 9.70 | +.58 | -.55 | -.32 |
| | - 39 | - 37 | 4 .307 | | | | - 10 | - 61 | 2 .22 | - 48 | | | |
| | | | 2 .364 | 10 3128 | -44.313 | | | | 4 .32 | | | | |
| | | | | | | | | | 2 8.70 | 12 | 10064 | +4 | 9.22 |
| June 26 | -42.10 | ,16 | ,12 | | | | +4 8.6 | 10.7 | 8.9 | 9.1 | | | |
| | | ,16 | ,17 | | | | | 10.4 | 9.6 | 9.8 | | | |
| | | ,12 | | | | | | 10.5 | 8.8 | 9.7 | | | |
| | | ,12 | | | | | | 10.0 | | | | | |
| | -42.100 | .140 | 2 .145 | -.045 | -.005 | | +4 8.60 | 10.40 | 3 9.10 | 9.53 | +.50 | -1.30 | -.43 |
| | - 39 | - 37 | 4 .177 | | | | - 10 | - 64 | 3 .03 | - 50 | | | |
| | | | 1 .139 | 7 283 | -42.~~470~~ 163 | | | | 4 .76 | | | | |
| | | | | | | | | | 1 8.50 | 11 | 10193 | +4 | 9.27 |
| July 1 | -32.07 | ,11 | | | | | +4 11.0 | 12.9 | 11.2 | 12.0 | | | |
| | ,05 | ,04 | ,06 | | | | 12.2 | 12.0 | | 11.9 | | | |
| | | | | | | | | | | 12.3 | | | |
| | -32.060 | .075 | 1 .060 | +.000 | +.015 | | +4 11.60 | 12.45 | 1 11.20 | 12.07 | -.40 | -1.25 | -.87 |
| | - 40 | - 38 | 2 .113 | | | | + 3 | - 54 | 3 .64 | - 43 | | | |
| | | | 2 .100 | 5 486 | -32.047 | | | | 2 .91 | | | | |
| | | | | | | | | | 2 .63 | 8 | 520 | +4 | 11.65 |
| July 2 | -.30 | ,37 | ,351 | | | | +4 | 12.7 | 13.3 | 12.2 | | | |
| | | ,33 | ,38 | | | | | 12.7 | 12.1 | 12.5 | | | |
| | | ,39 | | | | | | 12.0 | | | | | |
| | -.30 | .363 | 2 .365 | -.002 | | | +4 | 12.47 | 2 12.70 | 12.35 | | +.23 | +.35 |
| | - 40 | - .38 | 3 401 | | | | + 6 | - 52 | 2 11.93 | - 42 | | | |
| | | | | 5 1933 | -30.387 | | | | 3 11.95 | 7 | 1511 | +4 | 12.16 |
| July 3 | -28.35 | ,43 | | | | | +4 12.0 | 13.6 | | 12.1 | | | |
| | ,39 | ,36 | | | | | 12.8 | 12.8 | | 12.7 | | | |
| | | ,37 | | | | | | 13.3 | | 13.0 | | | |
| | | ,41 | | | | | | 12.6 | | | | | |
| | -28.370 | .393 | | | | | +4 12.40 | 13.08 | | 12.60 | | | |
| | - 40 | - .38 | 4 ~~431~~ | | | | + 7 | - 50 | 3 12.19 | - 41 | | | |
| | | | 2 .416 | 6 144 | -28.424 | | | | 4 .58 | | | | |
| | | | | | | | | | 2 47 | 9 | 383 | +4 | 12.43 |
| July 7 | -19.96 | -20.04 | -19.93 | | | | +4 13.2 | 13.8 | 14.3 | 13.0 | | | |
| | | ,00 | | | | | | 12.7 | | 12.4 | | | |
| | | 19.98 | | | | | | 13.1 | | | | | |
| | | 20.01 | | | | | | 13.4 | | | | | |
| | -19.960 | 20.008 | 1 19.930 | +.030 | +.078 | | +4 13.20 | 13.25 | 1 14.30 | 12.70 | +1.10 | +1.05 | +1.60 |
| | - 40 | - 38 | 4 20.046 | | | | + 14 | - 44 | 2 12.32 | - 38 | | | |
| | | | 1 .000 | 6 114 | -20.019 | | | | 4 12.81 | | | | |
| | | | | | | | | | 1 13.34 | 8 | 2352 | +4 | 12.94 |
| July 8 | -17.90 | 18.06 | | | | | +4 13.7 | 12.6 | | 13.3 | | | |
| | ,90 | ,96 | | | | | 13.9 | 13.6 | | 13.4 | | | |
| | | ,95 | | | | | | 14.2 | | | | | |
| | | ,95 | | | | | | 13.6 | | | | | |
| | -17.900 | .980 | - | | | | +4 13.80 | 13.50 | | 13.35 | | | |
| | - 40 | - 39 | 4 ~~18~~.019 | | | | + 15 | - 42 | 2 12.98 | - 37 | | | |
| | | | 2 17.940 | 6 3956 | -~~16.660~~ 17.943 | | | | 4 13.08 | | | | |
| | | | | | | | | | 2 13.95 | 8 | 2618 | +4 | 13.27 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | |
| July 9 | -.15 | .82 | .87 | | | +4' | 12."9 | 12."6 | 13."1 | | | |
| | | .80 | .98 | | | | 12.2 | | | | | |
| | | .72 | | | | | 13.5 | | | | | |
| | +.15 | .780 | 2 .925 | | -.145 | +4 | 12.87 | 1 12.40 | 13.10 | -.47 | -.70 | |
| | - .40 | - .39 | 3 .819 | 5 4307 | -15.861 | + .19 | - .40 | 1 .74 | - .36 | | | |
| | | | | | | | | 3 .47 | 5 | 255 +4 | | 12.51 |
| July 10 | -13.61 | .66 | .68 | | | +4 12.0 | 13.7 | 12.7 | 13.1 | | | |
| | .55 | .66 | | | | 12.5 | 12.3 | | 13.3 | | | |
| | | .67 | | | | | 13.4 | | | | | |
| | -13.580 | .663 | 1 .680 | -.100 | -.017 | +4 12.25 | 13.13 | 1 12.70 | 13.20 | +.45 -.43 | -.50 | |
| | - .40 | - .40 | 3 .703 | | | + .19 | - .40 | 2 .85 | - .35 | | | |
| | | | 2 .620 | 6 4029 | -13.671 | | | 3 .73 | | | | |
| | | | | | | | | 2 .44 | 8 | 547 +4 | | 12.68 |
| July 13 | -7.14 | .14 | .18 | | | +4 11.1 | 11.3 | 11.5 | 13.0 | | | |
| | .04 | .12 | | | | 11.8 | 12.2 | | 12.7 | | | |
| | | .14 | | | | | 11.4 | | | | | |
| | | .15 | | | | | 11.8 | | | | | |
| | -7.090 | .138 | 1 .180 | -.090 | -.042 | +4 11.45 | 11.68 | 1 11.50 | 12.85 | +.05 -.18 | -.135 | |
| | - .41 | - .40 | 4 .178 | | | + .22 | - .37 | 2 12.52 | - .33 | | | |
| | | | 2 .131 | 7 454 | -7.165 | | | 4 .11.31 | | | | |
| | | | | | | | | 2 11.67 | 9 | 1512 +4 | | 11.68 |
| July 15 | -2.74 | .81 | .79 | | | +4 10.6 | 11.8 | 11.6 | 12.8 | | | |
| | .69 | .72 | .79 | | | 11.1 | 12.3 | 10.9 | 12.1 | | | |
| | | .71 | | | | | 10.6 | 10.4 | | | | |
| | | .60 | | | | | 11.8 | | | | | |
| | -2.730 | .710 | 2 .790 | -.060 | -.080 | +4 10.85 | 11.63 | 3 10.97 | 12.45 | +.12 -.66 | -1.48 | |
| | - .41 | - .40 | 4 .750 | | | + .24 | - .34 | 2 12.44 | - .31 | | | |
| | | | 2 .771 | 8 522 | -2.765 | | | 4 11.29 | | | | |
| | | | | | | | | 2 11.69 | 11 | 1453 +4 | | 11.32 |
| July 16 | -0.80 | .75 | .74 | | | +4 11.9 | 12.2 | 12.3 | 12.2 | | | |
| | .73 | .74 | .99 | | | 12.7 | 11.2 | 12.3 | 12.0 | | | |
| | | .70 | .79 | | | | 13.2 | 12.3 | | | | |
| | | | .78 | | | | | 11.2 | | | | |
| | -0.765 | .730 | 4 .825 | -.060 | +.095 | +4 12.30 | 12.20 | 4 12.02 | 12.10 | -.28 -.18 | -.08 | |
| | - .41 | - .40 | 3 .770 | | | + .26 | - .33 | 2 11.80 | - .30 | | | |
| | | | 2 .806 | 9 22 | -0.802 | | | 3 11.87 | | | | |
| | | | | | | | | 2 12.56 | 11 | 2241 +4 | | 12.04 |
| July 22 | +12.62 | .62 | .58 | | | +4 11.8 | 12.2 | 12.9 | 12.1 | | | |
| | | .65 | .59 | | | | 12.3 | 11.8 | | | | |
| | | | .38 | | | | | 11.8 | | | | |
| | | | .61 | | | | | 13.4 | | | | |
| | +12.620 | .635 | 4 .540 | -.080 | -.095 | +4 11.80 | 12.25 | 4 12.48 | 12.10 | +.68 +.23 | +.38 | |
| | - .42 | - .42 | 2 .593 | | | + .30 | - .28 | 1 11.84 | - .26 | | | |
| | | | 1 .578 | 7 424 | +12.561 | | | 2 11.97 | | | | |
| | | | | | | | | 1 12.10 | 8 | 1780 +4 | | 12.23 |
| July 23 | +14.83 | .80 | .83 | | | +4 12.6 | 11.8 | 13.5 | 12.2 | | | |
| | | .78 | .81 | | | | 12.4 | 12.3 | 11.4 | | | |
| | | .81 | .76 | | | | 12.2 | 11.7 | 12.4 | | | |
| | | .84 | .85 | | | | 11.8 | | | | | |
| | +14.830 | .808 | 4 .812 | -.018 | +.004 | +4 12.60 | 12.05 | 3 12.50 | 12.00 | -.10 +.45 | +.57 | |
| | - .42 | - .42 | 4 .766 | | | + .31 | - .26 | 3 11.75 | - .25 | | | |
| | | | 1 .788 | 9 7100 | +14.789 | | | 4 11.79 | | | | |
| | | | | | | | | 1 12.91 | 11 | 2282 +4 | | 12.07 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | 1 | 2 | Zenith Group | 3 | z'1 | z'2 | z'3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | |
| July 24 | +16° | 17°.00 .08 | 0 .94 .87 | | | +4' | 12".6 | 13".6 | 11".4 | | | |
| | | 16.99 .96 | .85 .87 | | | | 13.0 | 12.0 | 12.8 | | | |
| | | .94 .92 | .75 .94 | | | | 12.7 | 11.4 | | | | |
| | | | .90 .95 | | | | | 12.3 | | | | |
| | | | .99 | | | | | 12.1 | | | | |
| | +16 | .977 | 5 .886 | | -.091 | +4 | 12.77 | 5 12.28 | 12.10 | | -.49 | +.18 |
| | - .42 | - .42 | 3 .935 8 35 | | +16.904 | + 33 | - 24 | 2 11.87 - 23 | | | | |
| | | .977 | 4 ~~.935~~ | | | | | 3 12.53 10 | | 2273 | +4 | 12.27 |
| | | | 3 ~~.935~~ | 7 ~~35~~ | ~~+16.935~~ | | | | | | | |
| July 28 | +25 | .48 | .40 | | | +4 | 12.1 | 12.8 | 12.8 | | | |
| | | .46 | .39 | | | | 12.1 | 12.0 | | | | |
| | | .44 | .38 | | | | 12.5 | 12.9 | | | | |
| | +25 | .460 | 3 .390 | ~~-.070~~ | -.070 | +4 | 12.23 | 3 12.57 | 12.80 | | +.34 | -.23 |
| | - .42 | - .42 | 3 .418 | | +25.404 | + 36 | - 21 | 1 60 - 20 | | | | |
| | | | | | | | | 3 02 7 | | 237 | +4 | 12.34 |
| July 31 | +31 | .81 | .57 | | | +4 | 11.9 | 11.4 | 12.1 | | | |
| | | | .81 | | | | | 11.2 | | | | |
| | +31 | .810 | 2 .690 | | -.120 | +4 | 11.90 | 2 11.30 | 12.10 | | -.60 | -.80 |
| | - 42 | - 42 | 1 .768 3 2148 | | +31.716 | + 38 | - 19 | 1 .92 - 18 | | | | |
| | | | | | | | | 1 .71 4 | | 223 | +4 | 11.56 |
| Aug. 12 | +59 | .27 | .12 | | | +4 | 10.6 | 10.9 | 11.9 | | | |
| | | .19 | .07 | | | | 10.5 | 10.6 | | | | |
| | | | .10 | | | | | 10.9 | | | | |
| | +59 | .230 | 3 .097 | | -.133 | +4 | 10.55 | 3 10.80 | 11.90 | | +.25 | -1.10 |
| | - 44 | - 42 | 2 .188 5 667 | | +59.133 | + 44 | - 6 | 1 11.82 - 8 | | | | |
| | | | | | | | | 2 10.49 6 | | 520 | +4 | 10.87 |
| Aug. 13 | +1 | .87 | .82 | | | +4 | 10.6 | 12.0 | 10.4 | | | |
| Add 1min from this date to Sept 6 | | .89 | .88 | | | | 11.5 | 11.3 | | | | |
| | +1 | .880 | 2 .850 | | -.030 | +4 | 11.05 | 2 11.65 | 10.40 | | +.60 | +1.25 |
| | - 44 | - .42 | 2 .838 4 176 | | +1.844 | + 45 | - 4 | 1 10.34 - 6 | | | | |
| | | | | | | | | 2 11.01 5 | | 66 | +4 | 11.13 |
| Aug 14 | +4 | .39 | .27 | | | +4 | 11.9 | 12.7 | 11.0 | | | |
| | | .25 | .30 | | | | 10.4 | 10.4 | 10.6 | | | |
| | | .36 | | | | | 12.0 | | | | | |
| | +4 | .333 | 2 .285 | | -.048 | +4 | 11.65 | 2 11.55 | 10.80 | | -.10 | +.75 |
| | - 44 | - .42 | 3 .291 5 443 | | +4.288 | + 46 | - 4 | 2 10.74 - 6 | | | | |
| | | | | | | | | 3 11.64 4 | 2 | 241 | +4 | 11.~~25~~ |
| | | | | | | | | 39 | | | | 30 |
| Aug. 18 | +4.27 | .30 | .22 | | | +4 93 | 11.7 | 11.6 | 11.7 | | | |
| | .30 | .21 | .23 | | | | 12.8 | 11.1 | | | | |
| | 23 | | .26 | | | | 9.2 | 10.0 | | | | |
| | +4.267 | .255 | 3 .237 | -.030 | ~~7~~.018 | +4 9.30 | 11.23 | 3 10.90 | 11.70 | +1.60 | -.33 | -.80 |
| | - .44 | - .42 | 2 .213 | | | + 47 + | 0 | 1 11.67 - 3 | | | | |
| | | | 3 .223 8 206 | | +4.226 | | | 3 .73 | | | | |
| | | | | | | | | 1 9.77 | 8 | 783 | +4 | 10.98 |

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| | 1 | 2 | Zwölftel Group | x-1 | x-2 | | 1 | 2 | Zwölftel Group | 3 | x'-1 | x'-2 | x'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Aug. 20 | +19.63 | .56 | 0 | | | | +4 10.5 | 10.5 | 11.2 | 9.8 | | | |
| | .61 | | .63 | | | | | 10.7 | 9.0 | 10.3 | | | |
| | | | .62 | | | | | | 8.7 | 11.3 | | | |
| | | | .58 | | | | | | | | | | |
| | +19.620 | .560 | 3 .610 | -.010 | +.050 | | +4 10.50 | 10.60 | 3 9.63 | 10.47 | -.87 | -.97 | -.84 |
| | - .45 | - .42 | 1 .518 | | | | + 48 | + 2 | 3 10.47 | + 0 | | | |
| | | | 2 .575 | 6 498 | +19583 | | | | 2 .62 | | | | |
| | | | | | | | | | 1 .98 | 9 | 252 | +4 | 10.28 |
| Aug. 22 | +24.70 .66 | .51 .56 | .48 .66 | | | | +4 8.1 | 11.8 | 10.1 | 10.3 | | | |
| | .61 .58 | | .32 | | | | | 8.9 | 9.7 | 11.3 | | | |
| | .64 .60 | | | | | | | | | | | | |
| | +24.652 | .510 | 2 .400 | -.250 | -.110 | | +4 8.10 | 10.35 | 2 9.90 | 10.80 | +1.80 | -.45 | -.90 |
| | - .45 | - .42 | 1 .468 | | | | + 48 | + 41 | 2 10.81 | + 1 | | | |
| | .613 | .560 | 3 .605 | 6 483 | +24.514 | | | | 2 .39 | | | | |
| | | | 1 .660 | | | | | | 1 8.58 | 7 | 78 | +4 | 10.11 |
| | | | 1 .518 | | | | | | | | | | |
| | | | 3 .568 | 5 2882 | +24.576 | | | | | | | | |
| Aug 25 | +31.79 | .71 | .78 | | | | +4 | 10.9 | 10.9 | 10.7 | | | |
| | - .45 | - .42 | .66 | | | | | | 9.5 | 9.8 | | | |
| | | | .65 | | | | | | 11.2 | | | | |
| | | | .78 | | | | | | 11.5 | | | | |
| | | | .66 | | | | | | 9.41 | | | | |
| | +31.790 | .710 | 5 .706 | -.084 | -.004 | | +4 | 10.90 | 5 10.50 | 10.25 | | -.40 | +.25 |
| | - .46 | - .42 | 1 .668 | | | | + 50 | + 6 | 2 30 | + 5 | | | |
| | | | 1 .744 | 7 4942 | +31.706 | | | | 1 96 | 8 | 406 | +4 | 10.51 |
| Aug. 26 | +34.47 .46 | .47 .48 | .55 .64 | | | | +4 10.5 | 12.6 | 10.4 | 10.0 | | | |
| | .51 .49 | | .47 .52 | | | | | 11.3 | 11.4 | 10.1 | | | |
| | | | .49 .51 | | | | | | 12.0 | | | | |
| | | | .43 .48 | | | | | | 9.9 | | | | |
| | | | .49 .48 | | | | | | 11.1 | | | | |
| | +34.490 | .470 | 5 .486 | -.004 | +.016 | | +4 10.50 | 11.95 | 5 10.96 | 10.05 | +.26 | -.19 | +.71 |
| | - .46 | - .42 | 1 .428 | | | | + 50 | + 7 | 2 10.09 | + 4 | | | |
| | .475 | .480 | 2 .444 | 8 546 | +34.468 | | | | 2 12.02 | | | | |
| | | | 5 .526 | | | | | | 1 11.00 | 10 | 902 | +4 | ~~11.90~~ 11.00 |
| | | | 1 .438 | 8 726 | +94.491 | | | | | | | | |
| | | | 2 .429 | | | | | | | | | | |
| Aug. 27 | +37.10 | .10 | .05 | | | | +4 10.6 | 11.6 | 12.7 | 10.2 | | | |
| | | .07 | .08 | | | | | 10.9 | 11.2 | 11.8 | | | |
| | | .07 | .08 | | | | | 11.4 | 9.8 | | | | |
| | +37.100 | .080 | 3 .070 | -.030 | -.010 | | +4 10.60 | 11.30 | 3 11.23 | 11.00 | +.63 | -.07 | +.23 |
| | - .46 | - .42 | 3 .038 | | | | + 51 | + 10 | 2 .06 | + 6 | | | |
| | | | 1 .054 | 7 378 | +37.054 | | | | 3 .40 | | | | |
| | | | | | | | | | 1 .11 | 9 | 212 | +4 | 11.24 |
| Aug. 29 | +42 | .29 | .22 | | | | +4 | 10.9 | 9.4 | 11.4 | | | |
| | | .33 | .28 | | | | | 9.5 | 10.6 | 11.91 | | | |
| | | | .34 | | | | | | 11.4 | 9.9 | | | |
| | | | .32 | | | | | | 9.9 | | | | |
| | | | .26 | | | | | | 10.6 | | | | |
| | +42 | .310 | 5 .284 | | -.026 | | +4 | 10.20 | 5 10.38 | 10.80 | | +.18 | -.42 |
| | - .46 | - .42 | 2 .268 | 7 556 | +42.279 | | + 52 | + 11 | 3 .87 | + 7 | | | |
| | | | | | | | | | 2 .31 | 10 | 513 | +4 | 10.51 |
| Aug. 31 | +46.39 | .32 | .30 | | | | +4 10.1 | 10.4 | 10.7 | 11.9 | | | |
| | .34 | | | | | | | 11.7 | | | | | |
| | +46.365 | .320 | 1 .300 | -.065 | -.020 | | +4 10.10 | 11.05 | 1 10.70 | 11.90 | +.60 | -.35 | -1.20 |
| | - .46 | - .42 | 1 .278 | | | | + 52 | + 12 | 1 11.98 | + 8 | | | |
| | | | 2 .319 | 4 1216 | +46.304 | | | | 2 .17 | | | | |
| | | | | | | | | | 1 10.62 | 5 | 64 | +4 | 11.13 |

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| | 1 | 2 | Zenith Groups | z-1 | z-2 | | 1 | 2 | Zenith Groups | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 -.38 -.80 | | | | |
| 1878 | | | | | | | | | | | | | |
| Sept. 1 | +48.84 | .70 | .65 | | | | +4 10.5 | 11.0 | 11.5 | 9.8 | | | |
| | .87 | | .72 | | | | | 11.4 | 12.1 | | | | |
| | | | .73 | | | | | | 9.4 | | | | |
| | +48.855 | .700 | 3 .700 | - .155 | + .000 | | +4 10.50 | 11.20 | 3 11.00 | 9.80 | +.50 | -.20 | + 1.20 |
| | - .46 | - .42 | 1 .658 | | | | + 52 | + 12 | 1 9.88 | + 8 | | | |
| | | | 2 .809 | 6 4376 | +48.729 | | | | 2 11.32 | | | | |
| | | | | | | | | | 1 11.02 | 7 | 654 | +4 | 10.93 |
| Sept. 2 | +51 | .42 | .30 | | | | +4 | 9.8 | 11.4 | 10.5 | | | |
| | | | .35 | | | | | | 9.4 | | | | |
| | | | .32 | | | | | | 10.8 | | | | |
| | | | .36 | | | | | | 11.7 | | | | |
| | | | .31 | | | | | | 11.3 | | | | |
| | +51 | .420 | 5 .328 | | - .092 | | +4 | 9.80 | 5 10.92 | 10.50 | | +.92 | + .22 |
| | - .46 | - .42 | 1 .378 | 6 218 | +51.336 | | + 52 | + 14 | 1 10.59 | + 9 | | | |
| | | | | | | | | | 1 9.94 | 7 | 413 | +4 | 10.59 /3 |
| Sept. 6 | +1 | .81 | .54 | | | | +4 | 10.4 | 9.4 | 10.3 | | | |
| | | .96 | | | | | | 8.6 | | | | | |
| Add 2m from this date to Col. 1 | +1 | .885 | 1 .540 | | - .345 | | +4 | 9.50 | 1 9.40 | 10.30 | | -.10 | - .90 |
| | - .46 | - .42 | 2 .843 | 3 126 | + 1.742 | | + 53 | + 16 | 1 10.41 | + 11 | | | |
| | | | | | | | | | 2 9.66 | 4 | 313 | +4 | 9.78 |
| Sept. 7 | +4 | .53 | .44 | | | | +4 | 10.6 | 9.3 | 11.2 | | | |
| | | .67 | | | | | | 12.3 | | | | | |
| | +4 | .600 | 1 .440 | | - .160 | | +4 | 11.45 | 1 9.30 | 11.20 | | - 2.15 | - 1.90 |
| | - .46 | - .41 | 2 .559 | 3 58 | +4.519 | | + 54 | + 18 | 1 11.32 | + 12 | | | |
| | | | | | | | | | 2 .63 | 4 | 388 | +4 | 10.97 |
| Sept. 8 | +7 | .27 | 6.94 | | | | +4 | 9.8 | 8.5 | 10.7 | | | |
| | | .16 | | | | | | 10.1 | | | | | |
| | | .09 | | | | | | 9.5 | | | | | |
| | +7 | .173 | 1 6.940 | | - .233 | | +4 | 9.80 | 1 8.50 | 10.70 | | - 1.30 | - 2.20 |
| | - .46 | - .41 | 3 7.132 | | | | + 54 | + 20 | 1 10.83 | + 13 | | | |
| | | | | 4 336 | +7.084 | | | | 3 00 | 5 | 433 | +4 | 9.87 |
| Sept. 9 | +9 | 10.00 | +9.94 | | | | +4 | 9.9 | 10.7 | 9.9 | | | |
| | 10 | .05 | .99 | | | | | 10.7 | 9.8 | 8.6 | | | |
| | | .95 | 10.02 | | | | | 10.1 | 10.8 | | | | |
| | | | 9.99 | | | | | | 11.3 | | | | |
| | | | .96 | | | | | | 9.7 | | | | |
| | +9 | 10.000 | 5 9.980 | | - .020 | | +4 | 10.23 | 5 10.46 | 9.25 | | + .23 | + 1.21 |
| | - .46 | - .41 | 3 9.959 | 8 577 | +9.972 | | + 54 | + 20 | 2 9.39 | + 14 | | | |
| | | | | | | | | | 3 10.43 | 10 | 237 | +4 | 10.24 |
| Sept. 10 | +12.16 | .16 | .03 | | | | +4 10.2 | 10.2 | 11.4 | 11.2 | | | |
| | | | | | | | | | | 11.1 | | | |
| | +12.160 | .160 | 1 .030 | - .130 | - .130 | | +4 10.20 | 10.20 | 1 11.40 | 11.15 | +1.20 | +1.20 | + .25 |
| | - .46 | - .41 | 1 .119 | | | | + 54 | + 21 | 1 30 | + 15 | | | |
| | | | 1 .1114 | 3 263 | +12.088 | | | | 1 10.41 | | | | |
| | | | | | | | | | 1 .74 | 4 | 385 | +4 | 10.96 |
| Sept. 12 | +17.21 | .14 | .13 | | | | +4 10.2 | 9.3 | 8.8 | 8.4 | | | |
| | .08 | .18 | .18 | | | | 9.7 | 9.7 | 10.0 | 9.6 | | | |
| | | .13 | | | | | | 9.7 | | | | | |
| | +17.145 | .150 | 2 .155 | + .010 | + .005 | | +4 9.95 | 9.57 | 2 9.40 | 9.00 | - .55 | -.17 | + .40 |
| | - .46 | - .41 | 3 .109 | | | | + 55 | + 23 | 2 .16 | + 16 | | | |
| | | | 2 .099 | 4 835 | +17.119 | | | | 3 .80 | | | | |
| | | | | | | | | | 2 10.50 | 9 | 652 | | 9.92 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Sept 14 | +22.67 | .66 | .66 | | | | +4 9.6 | 9.4 | 9.3 | 10.1 | | | |
| | .62 | .65 | .73 | | | | 8.7 | 10.0 | 10.4 | 10.1 | | | |
| | | .63 | .68 | | | | | 9.6 | 10.8 | | | | |
| | | .70 | .63 | | | | | 9.9 | 10.7 | | | | |
| | | .72 | .61 | | | | | 9.2 | 10.8 | | | | |
| | +22.645 | .672 | 5 .662 | +.017 | -.010 | | +4 9.15 | 9.62 | 5 10.40 | 10.10 | +1.25 | +.78 | +.30 |
| | - .46 | - .40 | 5 .632 | | | | + 55 | + 24 | 2 10.27 | + 7 | | | |
| | | | 2 .599 | 12 7668 | +22.639 | | | | 5 9.86 | | | | |
| | | | | | | | | | 2 9.70 | 14 | 124 | | 10.09 |
| Sept. 15 | +25.41 | .43 | .45 | | | | +4 10.5 | 11.1 | 9.8 | 11.9 | | | |
| | .45 | .38 | .49 | | | | 9.1 | 11.0 | 9.8 | 10.8 | | | |
| | .42 | .46 | .47 | | | | | 10.1 | 10.5 | | | | |
| | | | | | | | | 10.4 | | | | | |
| | +25.427 | .423 | 3 .470 | +.043 | +.047 | | +4 9.80 | 10.65 | 3 10.03 | 11.35 | +.23 | -.62 | -1.32 |
| | - .46 | - .46 | 3 .377 | | | | + 55 | + 25 | 2 11.53 | + 18 | | | |
| | | | 3 .381 | 9 3684 | +25.409 | | | | 4 10.90 | | | | |
| | | | | | | | | | 2 10.35 | 11 | 745 | +4 | 10.68 |
| Sept 16 | +28.01 .05 | 27.98 .02 | .86 .86 | | | | +4 10.3 | 11.3 | 9.2 | 10.3 | | | |
| | .00 .96 | .88 .92 | | | | | 9.4 | 9.7 | | 10.4 | | | |
| | .00 .97 | .92 .93 | | | | | | 16.4 | | | | | |
| | | .97 .96 | | | | 1 .860 | | 9.4 | | | | | |
| | | .98 .96 | | | | 5 .918 | | 10.3 | | | | | |
| | | | | | | 3 .947 | | 8.5 | | | | | |
| | +28.003 | .946 | 1 .860 | -.143 | -.086 | 9 .191 | +4 9.85 | 9.77 | 1 9.20 | 10.35 | -9.65 | -.57 | -1.15 |
| | - .46 | - .40 | 5 .906 | | | | + 55 | + 26 | 2 10.54 | + 19 | | | |
| | 27.993 | .958 | 3 .957 | 9 8261 | +27.918 | + 27.921 | | | 6 .03 | | | | |
| | | | | | | | | | 2 .40 | 11 | 826 | +4 | 10.02 |
| Sept. 18 | +30.46 | .44 | .47 | | | | +4 9.8 | 11.3 | 10.9 | 10.5 | | | |
| | .44 | .49 | .46 | | | | | 10.8 | 12.3 | 10.5 | | | |
| | | | .42 | | | | | 10.1 | 11.2 | | | | |
| | +30.450 | .465 | 3 .450 | +.000 | -.015 | | +4 9.80 | 10.73 | 3 11.47 | 10.50 | +1.67 | +.74 | +.97 |
| | - .46 | - .40 | 2 .425 | | | | + 55 | + 28 | 2 10.40 | + 20 | | | |
| | | | 2 .404 | 7 208 | +30.430 | | | | 3 11.01 | | | | |
| | | | | | | | | | 1 10.35 | 9 | 19 | +4 | 11.02 |
| Sept 18 | +32.84 .87 | .83 .85 | .87 .88 | | | | +4 10.3 | 11.1 | 11.7 | 10.7 | | | |
| | .88 .82 | .83 .85 | .82 .80 | | | | 10.5 | 10.7 | 11.2 | 11.1 | | | |
| | .83 .823 | .80 .80 | | | | | | 11.6 | | | | | |
| | | .85 .887 | | | | | | 10.7 | | | | | |
| | | | | | | | | 10.6 | | | | | |
| | +32.850 | .828 | 2 .845 | -.005 | +.017 | | +4 10.40 | 10.94 | 2 11.45 | 10.90 | +1.05 | +.51 | +.55 |
| | - 46 | - 39 | 4 .789 | | | | + 55 | + 28 | 2 .10 | + 20 | | | |
| | .840 | .842 | 3 .804 | 9 58 | +32.806 | | | | 5 .22 | | | | |
| | | | 2 .840 | | | | | | 2 10.95 | 11 | 1310 | +4 | 11.18 |
| | | | 4 .803 | | | | | | | | | | |
| | | | 3 .794 | 9 74 | +32.808 | | | | | | | | |
| Sept 19 | +35.36 | .31 | .31 | | | | +4 10.1 | 10.8 | 10.9 | 9.6 | | | |
| | .33 | .40 | .26 | | | | | 10.6 | 10.2 | 10.5 | | | |
| | | .28 | .32 | | | | | 10.1 | 10.6 | | | | |
| | | | .26 | | | | | 9.8 | 10.2 | | | | |
| | +35.345 | .330 | 4 .288 | -.057 | -.042 | | +4 10.10 | 9.82 | 4 10.48 | 10.05 | +.38 | +.66 | +.43 |
| | - 46 | - 39 | 3 .291 | | | | + 55 | + 29 | 2 .26 | + 21 | | | |
| | | | 2 .299 | 9 823 | +35.291 | | | | 4 .11 | | | | |
| | | | | | | | | | 1 .65 | 11 | 353 | +4 | 10.32 |
| Sept 22 | +42.39 | .29 | .31 | | | | +4 8.6 | 11.4 | 11.3 | 11.3 | | | |
| | .48 | | | | | | | 10.6 | | | | | |
| | +42.435 | .290 | 1 .310 | -.125 | +.020 | | +4 8.60 | 11.00 | 1 11.30 | 11.30 | +2.40 | +.30 | +.00 |
| | - 46 | - 39 | 1 .251 | | | | + 55 | + 31 | 1 .52 | + 22 | | | |
| | | | 2 .389 | 4 139 | +42.335 | | | | 2 .31 | | | | |
| | | | | | | | | | 1 9.15 | 5 | 459 | +4 | 10.92 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.16 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Sept. 23 | +44°86 | °87 | °75 | | | | +4 9".8 | 9".6 | 10".8 | 8".8 | | | |
| | | .83 | .82 | | | | | 9.3 | 9.2 | 9.4 | | | |
| | | | .86 | | | | | | 11.6 | 11.3 | | | |
| | | | .80 | | | | | | 10.3 | | | | |
| | | | .77 | | | | | | 10.7 | | | | |
| | +44.860 | .850 | 5 .800 | −.060 | −.050 | | +4 9.80 | 9.45 | 5 10.52 | 9.83 | +.72 | +1.07 | +.69 |
| | − 47 | − 38 | 2 .812 | | | | + 56 | + 32 | 3 .06 | + 23 | | | |
| | | | 1 .813 | 8 37 | +44.805 | | | | 2 9.77 | | 11268 | | |
| | | | | | | | | | 1 10.36 | 11 | ~~1127~~ | +4 | 10.24 |
| Sept. 25 | +48.51 | .58 | .40 | | | | +1 9.6 | 11.6 | 11.4 | 10.4 | | | |
| | .61 | .54 | .45 | | | | 9.9 | 10.2 | 11.4 | 12.1 | | | |
| | .65 | | | | | | 9.7 | | | | | | |
| | +48.590 | .560 | 2 .425 | −.165 | −.135 | | 9.73 | 10.90 | 2 11.40 | 11.25 | +1.67 | +.50 | +.15 |
| | − 47 | − 38 | 2 .522 | | | | + 56 | + 33 | 2 .49 | + 24 | | | |
| | | | 3 .543 | 7 23 | +48.503 | | | | 2 .23 | | | | |
| | | | | | | | | | 3 10.29 | 9 | 11 | +4 | 11.01 |
| Sept. 28 | +55.48 | .54 | .42 | | | | +4 11.8 | 11.1 | 10.9 | 9.8 | | | |
| | .41 | .34 | .35 | | | | 11.7 | 10.8 | 10.2 | 12.3 | | | |
| | .44 | | .36 | | | | | 10.3 | 11.5 | | | | |
| | +55.443 | .440 | 3 .377 | −.066 | −.063 | | +4 11.75 | 10.73 | 3 10.87 | 11.05 | −.88 | +.14 | −.18 |
| | − 47 | − 37 | 2 .403 | | | | + 55 | + 34 | 2 11.29 | + 24 | | | |
| | | | 3 .396 | 8 3125 | +55.391 | | | | ~~3~~ 07 | | | | |
| | | | | | | | | | 2 12.30 | 10 | 302 | +4 | 11.30 |
| Sept. 30 | +59.59 | .66 | .59 | | | | +4 9.4 | 10.5 | 10.2 | 10.7 | | | |
| | .67 | .63 | .54 | | | | 10.5 | 10.3 | 11.1 | 11.6 | | | |
| | | | .62 | | | | | | 10.9 | | | | |
| | +59.630 | .645 | 3 .583 | −.047 | −.062 | | +4 9.95 | 10.40 | 3 10.73 | 11.15 | +.78 | +.33 | −.42 |
| | − 47 | − 36 | 2 .609 | | | | + 55 | + 36 | 2 11.41 | + 26 | | | |
| | | | 2 .583 | 7 4133 | +59.590 | | | | 2 10.76 | | | | |
| | | | | | | | | | 2 .50 | 9 | 753 | +4 | 10.84 |
| Oct. 1 | +1.57 | .56 | .39 | | | | +4 10.7 | 10.5 | 11.0 | 10.0 | | | |
| Add 3m from | | .50 | .48 | | | | | 10.2 | 11.1 | 9.7 | | | |
| It is date | | .46 | .41 | | | | | 10.1 | 10.3 | | | | |
| to Oct-29 | | .50 | .40 | | | | | 10.8 | 10.7 | | | | |
| | +1.570 | .505 | 4 .420 | −.150 | −.085 | | +4 10.70 | 10.40 | 4 10.78 | 9.85 | +.08 | +.38 | +.93 |
| | − 47 | − 36 | 4 .469 | | | | + 56 | + 38 | 2 10.11 | + 26 | | | |
| | | | 1 .523 | 7 4079 | +1.453 | | | | 4 .78 | | | | |
| | | | | | | | | | 1 11.26 | 11 | 772 | +4 | 10.70 |
| Oct. 2 | +2.80 | .84 | .81 | | | | +4 10.8 | 11.2 | 11.1 | 9.8 | | | |
| | | .86 | .88 | | | | | 10.3 | 11.6 | 9.8 | | | |
| | | | .82 | | | | | | 11.4 | | | | |
| | | | .82 | | | | | | 11.9 | | | | |
| | +2.800 | .850 | 4 .832 | +.032 | −.018 | | +4 10.80 | 10.75 | 4 11.50 | 9.80 | +.70 | +.75 | +1.70 |
| | − 47 | − 36 | 2 .814 | | | | + 56 | + 38 | 2 10.07 | + 27 | | | |
| | | | 1 .753 | 7 5701 | +2.814 | | | | 2 11.13 | | | | |
| | | | | | | | | | 1 .36 | 9 | 76 | +4 | 11.08 |
| Oct. 3 | +5.08 | .09 | .02 | | | | +4 10.4 | 11.8 | 11.2 | 10.6 | | | |
| | .02 | .12 | .08 | | | | 10.8 | 10.4 | 11.8 | 10.2 | | | |
| | | | .07 | | | | | | 11.4 | | | | |
| | | | .14 | | | | | | 11.8 | | | | |
| | +5.060 | .105 | 4 .078 | +.028 | −.027 | | +4 10.60 | 11.10 | 4 11.55 | 10.20 | +.95 | +.45 | +1.35 |
| | − 47 | − 36 | 2 .069 | | | | + 56 | + 39 | 2 10.48 | + 28 | | | |
| | | | 2 .003 | 8 456 | +5.057 | | | | 2 11.49 | | | | |
| | | | | | | | | | 2 11.16 | 10 | 246 | +4 | 11.25 |

Add 3m from It is date to Oct-29

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| | 1 | 2 | Limit Group | z-1 | z-2 | | 1 | 2 | Limit Group | 3 | x'-1 | x'-2 | x'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70+1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Oct 8 | +15° | ,63 | °56 | | | | +4' | 11".5 | 9".9 | 10".4 | | | |
| | | | ,65 | | | | | | 11.4 | | | | |
| | +15 | .630 | 2 .605 | | -.025 | | +4 | 11.50 | 2 10.65 | 10.40 | - | -.85 | +.25 |
| | - 47 | - 34 | 1 .596 | 3 06 | +15.602 | | + 56 | + 40 | 1 .68 | + 28 | | | |
| | | | | | | | | | 1 11.90 | 4 | 388 | +4 | 10.97 |
| Oct. 10 | +19.79 | .86 | ,79 | | | | +4 10.9 | 9.6 | 10.8 | 10.0 | | | |
| | ,71 | | ,85 | | | | 10.1 | | 11.2 | 9.8 | | | |
| | | | ,82 | | | | | | 10.8 | | | | |
| | | | ,75 | | | | | | 11.1 | | | | |
| | +19.750 | .860 | 4 .803 | +.053 | +.057 | | +4 10.60 | 9.60 | 4 10.98 | 9.90 | +.48 | +1.38 | +1.08 |
| | - 47 | - 33 | 1 .827 | | | | + 55 | + 42 | 2 .19 | + 2.9 | | | |
| | | | 2 .703 | 7 5445 | +19.778 | | | | 1 02 | | | | |
| | | | | | | | | | 2 11.05 | 9 | 642 | +4 | 10.71 |
| Oct. 14 | +28.96 | .05 | ,02 | | | | +4 11.5 | 11.5 | 12.4 | 11.6 | | | |
| | ,99 | | ,05 | | | | 11.3 | | 12.7 | 11.1 | | | |
| | | | 28,99 | | | | | | 12.3 | 10.9 | | | |
| | | | ,93 | | | | | | 11.5 | | | | |
| | +28.975 | 29.050 | 4 .998 | +.023 | -.052 | | +4 11.40 | 11.50 | 4 12.23 | 11.20 | +.83 | +.73 | +1.43 |
| | - 48 | - 33 | 1 29.017 | | | | + 52 | + 43 | 3 11.51 | + 31 | | | |
| | | | 2 28.924 | 7 6863 | +28.980 | | | | 1 .93 | | | | |
| | | | | | | | | | 2 .92 | 10 | 1922 | +4 | 11.92 |
| Oct. 15 | +31.29 | .26 | .20 | | | | +4 11.1 | 11.8 | 11.8 | 11.6 | | | |
| | .30 | .24 | | | | | 11.6 | 11.9 | | 11.1 | | | |
| | +31.295 | .250 | 1 .200 | -.095 | -.050 | | +4 11.35 | 11.85 | 1 11.60 | 11.35 | +.45 | -.05 | +.45 |
| | - 48 | - 32 | 2 .218 | | | | + 52 | + 44 | 2 11.67 | + 32 | | | |
| | | | 2 .247 | 5 130 | +31.226 | | | | 2 12.29 | | | | |
| | | | | | | | | | 2 11.87 | 7 | 1146 | +4 | 11.92 |
| Oct. 16 | +33.30 | .35 | .25 | | | | +4 10.7 | 11.5 | 10.8 | 10.9 | | | |
| | | .32 | .25 | | | | | 10.5 | 12.1 | 11.6 | | | |
| | | .24 | | | | | | 10.9 | | 10.2 | | | |
| | | .32 | | | | | | 11.0 | | | | | |
| | +33.300 | .315 | 2 .250 | -.050 | -.065 | | +4 10.70 | 10.98 | 2 11.45 | 10.70 | +.75 | +.47 | +.75 |
| | - 48 | - 32 | 4 .283 | | | | + 50 | + 44 | 3 .02 | + 32 | | | |
| | | | 1 .252 | 7 484 | +33.269 | | | | 4 .42 | | | | |
| | | | | | | | | | 1 .20 | 10 | 184 | +4 | 11.18 |
| Oct. 21 | +44.50 | | .44 | | | | +4 11.5 | | 11.8 | 10.6 | | | |
| | .42 | | .38 | | | | 12.9 | | 11.0 | 10.3 | | | |
| | .47 | | | | | | | | | | | | |
| | +44.463 | | 2 .410 | -.053 | | | +4 12.20 | | 2 11.40 | 10.45 | -.80 | | +.95 |
| | - 48 | - 29 | 3 .415 | 5 65 | +44.413 | | + 48 | + 44 | 2 10.77 | + 32 | | | |
| | | | | | | | | | 2 12.68 | 6 | 370 | +4 | 11.62 |
| Oct. 22 | +46.59 | | .53 | | | | +4 | | 9.4 | 11.8 | | | |
| | .61 | | .63 | | | | | | 9.2 | 11.7 | | | |
| | .69 | | | | | | | | | | | | |
| | +46.630 | | 2 .560 | -.050 | | | +4 | | 2 9.30 | 11.75 | | | -2.45 |
| | - 48 | - 29 | 3 .582 | 5 406 | +46.581 | | + 47 | + 42 | 2 12.07 | + 32 | 4 274 | +4 | 11.07 |
| | | | | | | | | | | | 4 274 | +4 | 10.68 |
| Oct 29 | +2.00 | 1.94 | .85 | | | | +4 9.9 | 10.6 | 11.3 | 10.5 | | | |
| Add 4m from this date to Dec 31 | 1.98 | .89 | .79 | | | | 10.1 | 10.2 | 10.4 | 11.4 | | | |
| | | .90 | | | | | | 10.5 | | | | | |
| | +1.990 | 1.910 | 2 .820 | -.170 | -.090 | | +4 10.50 | 10.43 | 2 10.85 | 10.95 | +.85 | +.42 | -.10 |
| | - 48 | - 24 | 3 .883 | | | | + 42 | + 42 | 2 11.26 | + 31 | | | |
| | | | 2 .942 | 7 573 | +1.882 | | | | 3 10.85 | | | | |
| | | | | | | | | | 2 10.42 | | | | 10.85 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1878 | | | | | | | | | | | | |
| Nov. 2 | +10°23 | ~~,29~~ | | | | +4 11".0 | 11".4 | | 10".4 | | | |
| | .26 | .30 | | | | 11.4 | 11.1 | | 9.7 | | | |
| | .29 | .25 | | | | 10.6 | 10.8 | | | | | |
| | ~~.27~~ | .23 | | | | ~~+4 11.00~~ | ~~11.10~~ | | ~~10.05~~ | | | |
| | .22 | | | | | | | | | | | |
| | +10.254 | .260 | | | | +4 11.00 | 11.10 | | 10.05 | | | |
| | − 48 | − 26 | 3 .234 | | | + 38 | + 40 | 2 10.34 | + 29 | | | |
| | | | 5 .206 | 8 132 | +10.217 | | | 3 11.50 | | | | |
| | | | | | | | | 3 11.38 | | +4 ~~10.79~~ 11.16 | | |
| Nov. 3 | +12.27 | .27 | | | | +4 11.8 | 12.2 | | 12.0 | | | |
| | .33 | .24 | | | | 10.4 | 12.5 | | 10.9 | | | |
| | .31 | .32 | | | | 10.9 | 12.2 | | 11.4 | | | |
| | .35 | .26 | | | | | 11.5 | | | | | |
| | .34 | | | | | | | | | | | |
| | .320 | .272 | | | | +4 11.03 | 12.10 | | 11.10 | | | |
| | − 48 | − 26 | 4 .246 | | | + 36 | + 38 | 3 11.38 | + 28 | | | |
| | | | 5 .272 | 9 544 | +12.260 | | | 4 12.48 | | | | |
| | | | | | | | | 3 11.39 | | +4 11.82 | | |
| Nov. 4 | +14.18 | .23 | .21 | | | +4 11.8 | 11.0 | 12.5 | 11.6 | | | |
| | .26 | .25 | | | | 10.5 | 11.6 | | 10.9 | | | |
| | .30 | .25 | | | | 10.7 | 11.4 | | | | | |
| | .27 | .18 | | | | | 11.0 | | | | | |
| | +14.252 | .228 | 1 .210 | | | | | | | | | |
| | − 48 | − 26 | 4 .202 | | | +4 11.00 | 11.25 | 1 12.50 | 11.25 | | | |
| | | | 4 .204 | 9 34 | +14.204 | + 35 | + 39 | 2 11.52 | + 27 | | | |
| | | | | | | | | 4 11.64 | | | | |
| | | | | | | | | 3 11.35 | | +4 11.61 | | |
| Nov. 5 | +16.02 | .00 | .02 | | | +4 ~~12.4~~ | 12.1 | ~~13.0~~ | 12.1 | | | |
| | .02 | .03 | | | | ~~14.9~~ | 12.0 | | 12.2 | | | |
| | .02 | 15.99 | | | | 12.1 | 12.4 | | | | | |
| | .09 | | | | | | 11.7 | | | | | |
| | .07 | | | | | | | | | | | |
| | .11 | | | | | | | | | | | |
| | +16.055 | ~~.5~~.007 | 1 .020 | | | | | | | | | |
| | − 48 | − 25 | 3 15.982 | | | | | | | | | |
| | | | 6 16.007 | 10 008 | +16.001 | | | | | | | |
| Nov. 6 | +14.74 | .80 | .68 | | | +4 11.5 | 11.2 | 10.6 | 12.2 | | | |
| | .85 | .69 | .77 | | | | 11.3 | 12.4 | | | | |
| | .83 | .69 | .73 | | | | 10.7 | 11.4 | | | | |
| | | | .91 | | | | | 10.7 | | | | |
| | +17.807 | .727 | 4 .773 | | | | | 10.9 | | | | |
| | − 48 | − 24 | 3 .703 | | | | | | | | | |
| | | | 3 .759 | | | | | | | | | |
| | | | | 10 478 | +17.748 | | | | | | | |
| Nov. 10 | +24.66 | .64 | .59 | | | +4 13.1 | 13.0 | 13.4 | 12.0 | | | |
| | .69 | .63 | | | | 12.6 | 13.5 | | | | | |
| | .66 | .62 | | | | | 13.2 | | | | | |
| | +24.670 | .630 | 1 .590 | | | | 13.0 | | | | | |
| | − 48 | − 24 | 3 .603 | | | | | | | | | |
| | | | 3 .622 | 7 65 | +24.609 | | | | | | | |
| Nov. 12 | +27.78 | .76 | | | | +4 | 11.5 | | 10.2 | | | |
| | | .79 | | | | | 11.5 | | | | | |
| | | .74 | | | | | 10.6 | | | | | |
| | +27.780 | .763 | | | | | 11.8 | | | | | |
| | − 48 | − 23 | 3 .740 | | | | | | | | | |
| | | | 1 .732 | 4 152 | +27.738 | | | | | | | |

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3

| | 1 | 2 | Zenith Group | z-1 | z-2 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.57 | +.57 +.13 | +.13 −.38 | −.38 −.81 | |
| 1878 | | | | | | | | | | |
| Nov. 13 | +29.41 | .38 | .40 | | | +4' 9.7 | 10.6 | 9.5 | 9.8 | |
| | .46 | .44 | | | | 10.5 | 11.7 | | 9.7 | |
| | .43 | .41 | | | | 10.5 | 10.7 | | | |
| | | .46 | | | | | 10.6 | | | |
| | | .42 | | | | | 10.6 | | | |
| | − 4 | | | | | | | | | |
| | − 48 | − 23 | | | | | | | | |
| Nov. 14 | +30.59 | .82 | .59 | | | +4 10.6 | 11.6 | 13.0 | 13.2 | |
| | .75 | .67 | | | | | 12.4 | | 10.7 | |
| | | .81 | | | | | 12.8 | | | |
| | − 48 | − 23 | | | | | | | | |
| Nov. 23 | +40 | .91 | 41.02 | | | +4 | 10.4 | 9.4 | | |
| | | .94 | .10 | | | | 10.4 | 9.8 | | |
| | | 41.01 | 40.95 | | | | 11.3 | 9.9 | | |
| | | | | | | | | 10.2 | | |
| | − 48 | − 21 | | | | | | | | |
| Nov. 24 | +42.42 | .38 | .46 | | | +4 11.0 | 11.2 | 10.1 | 9.8 | |
| | | .44 | .59 | | | | 11.1 | 9.1 | | |
| | | .42 | .46 | | | | 11.1 | 10.2 | | |
| | | | | | | | | 10.5 | | |
| | − 47 | − 20 | | | | | | | | |
| Nov. 26 | +44.86 | .73 | .70 | | | +4 11.6 | 10.3 | 11.7 | 10.6 | |
| | | .78 | .89 | | | | 10.6 | 10.1 | | |
| | | .77 | .62 | | | | 10.7 | 10.7 | | |
| | | .71 | | | | | 12.3 | 12.1 | | |
| | | .80 | | | | | | 11.9 | | |
| | − 47 | − 20 | | | | | | | | |
| Nov. 30 | +48.98 | .02 | .87 | | | +4 11.5 | 11.4 | 11.3 | 11.2 | |
| | .94 | | .94 | | | 11.5 | 10.6 | 10.7 | | |
| | .95 | | .87 | | | 9.4 | 10.7 | 11.5 | | |
| | | | 49.03 | | | | 12.3 | 10.6 | | |
| | | | | | | | | 11.0 | | |
| | − 47 | − 19 | | | | | | | | |
| Dec. 1 | +49.98 | .98 | 50.16 | | | +4 10.3 | 12.1 | 11.4 | | |
| | | 50.13 | .20 | | | | 11.4 | 10.9 | | |
| | | .00 | .03 | | | | 12.0 | 11.7 | | |
| | | | .00 | | | | | 11.4 | | |
| | | | | | | | | 11.1 | | |
| | − 46 | − 19 | | | | | | | | |

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| | 1 | 2 | Zenith-Group | Z-1 | Z-2 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 | +.18 | +.18 +.70 | +.70 +1.91 | | +.79 | +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 |
| 1878 | | | | | | | | | | |
| Dec 6 | 0 | 0. | 0 | | | +4' | 10".3 | 11".8 | 9".9 | |
| | | | | | | | 11.6 | | 9.7 | |
| Dec 7. | +57.63 | .53 | .54 | | | +4 12.1 | 12.3 | 11.7 | 11.9 | |
| | | .58 | .77 | | | | 12.3 | 11.1 | 11.8 | |
| | | .56 | .49 | | | | 11.6 | 12.1 | | |
| | | .45 | | | | | 11.7 | 10.3 | | |
| | | .54 | | | | | 12.2 | | | |
| | - 46 | - 17 | | | | | | | | |
| Dec 8 | | | | | | +4 12.2 | 12.1 | 11.6 | 11.4 | |
| | | | | | | | 10.4 | 10.0 | 11.9 | |
| | | | | | | | 11.5 | 11.1 | 11.0 | |
| | | | | | | | 12.0 | | | |
| Dec 11 | | | | | | +4 | 10.6 | 10.5 | | |
| | | | | | | | 10.8 | 10.3 | | |
| | | | | | | | 10.4 | | | |
| Dec 12 | +3 | .03 | .01 | | | | 9.9 | 9.1 | | |
| | | .03 | | | | | 10.9 | | | |
| | | .01 | | | | | 9.9 | | | |
| | | .03 | | | | | 10.2 | | | |
| | | .06 | | | | | 10.3 | | | |
| | - 45 | - 16 | | | | | | | | |
| Dec 14 | +5.07 | 4.99 | .90 | | | +4 9.6 | 10.1 | 9.8 | | |
| | | .97 | 5.08 | | | | 10.8 | 10.8 | | |
| | | 5.05 | 4.84 | | | | 12.1 | 10.4 | | |
| | | 4.98 | | | | | 10.2 | 10.7 | | |
| | | 5.09 | | | | | | | | |
| | - 45 | - 15 | | | | | | | | |
| Dec 16 | +7.56 | .49 | .62 | | | +4 10.6 | 11.8 | 10.4 | 10.1 | |
| | | .54 | .70 | | | | 10.9 | 11.7 | 10.5 | |
| | | .53 | .58 | | | | 10.8 | 11.0 | | |
| | | .55 | .51 | | | | 11.2 | 9.2 | | |
| | - 45 | - 14 | | | | | | | | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | |
| Nov. 5 | +16.02 | .00 | .02 | | | +4 12".4 | 12".1 | 13".2 | 12".1 | | | |
| | .02 | .03 | | | | 10.9 | 12.0 | | 12.2 | | | |
| | .02 | .99 | | | | 12.1 | 12.4 | | 11.9 | | | |
| | .09 | | | | | | 11.7 | | | | | |
| | .07 | | | | | | | | | | | |
| | .11 | | | | | | | | | | | |
| | +16.055 | .007 | 1 .020 | +.015 | +.063 | +4 11.80 | 12.05 | 1 13.00 | 12.07 | +1.20 | +.95 | +.93 |
| | - 48 | - 25 | 3 15.982 | | | + 32 | + 36 | 3 12.32 | + 25 | | | |
| | | | 4 16.007 10 4608 | | +15.961 | | | 4 .41 | | | | |
| | | | | | 16.001 | | | 3 .12 | 11 | 2596 | +4 | 12.36 |
| Nov 6 | +17.76 | .79 | .67 | | | +4 11.5 | 11.2 | 10.6 | 12.2 | | | |
| | .89 | .68 | .75 | | | | 11.3 | 12.4 | | | | |
| | .86 | .69 | .61 | | | | 10.7 | 11.4 | | | | |
| | | | .68 | | | | | 10.7 | | | | |
| | | | .76 | | | | | 10.9 | | | | |
| | +17.837 | .720 | 5 .694 | -.143 | -.026 | +4 11.50 | 11.07 | 5 11.22 | 12.20 | -.28 | +.15 | -.98 |
| | - 48 | - 24 | 3 .696 | | | + 32 | + 36 | 1 12.44 | + 24 | | | |
| | | | 3 789 11 7925 | | +17.720 | | | 3 11.43 | | | | |
| | | | | | | | | 1 .82 | 10 | 465 | +4 | 11.46 |
| Nov. 10 | +24.64 | .65 | .59 | | | +4 13.1 | 13.0 | 13.4 | 12.0 | | | |
| | .69 | .63 | .53 | | | 12.6 | 13.2 | | | | | |
| | .67 | .62 | | | | 13.5 | 13.0 | | | | | |
| | +24.667 | .633 | 1 .590 | -.077 | -.043 | +4 13.07 | 13.07 | 1 13.40 | 12.00 | +.33 | +.33 | +1.40 |
| | - 48 | - 24 | 3 .609 | | | + 28 | + 32 | 1 12.21 | + 21 | | | |
| | | | 3 619 4 4274 | | +24.611 | | | 3 13.39 | | | | |
| | | | | | | | | 3 .35 | 8 | 183 | +4 | 13.23 |
| Nov. 12 | +27 | .77 | | | | | 11.5 | | 10.2 | | | |
| | | .79 | | | | | 11.5 | | | | | |
| | | .74 | | | | | 10.6 | | | | | |
| | | .79 | | | | | 11.8 | | | | | |
| | +27 | .772 | | | | | 11.35 | | 10.20 | | | |
| | - 48 | - 23 | 4 .749 | | +27.749 | + 22 | + 28 | 1 10.38 | + 18 | | | |
| | | | | | | | | 4 11.63 | 5 | 690 | +4 | 11.38 |
| Nov. 13 | +29.41 | .38 | .42 | | | +4 9.7 | 10.6 | 9.5 | 9.8 | | | |
| | .46 | .44 | | | | 10.5 | 11.7 | | 9.7 | | | |
| | .43 | .42 | | | | 10.5 | 10.7 | | 11.0 | | | |
| | | .46 | | | | | 10.6 | | | | | |
| | | .42 | | | | | 10.6 | | | | | |
| | +29.433 | .424 | 1 .420 | -.013 | -.004 | +4 10.23 | 10.84 | 1 9.50 | 10.17 | -.73 | -1.34 | -.67 |
| | - 48 | - 23 | 5 .401 | | | + 22 | + 26 | 3 10.33 | + 16 | | | |
| | | | 3 .385 c 9 398 | | +29.398 | | | 5 11.10 | | | | |
| | | | | | | | | 3 10.45 | 12 | 734 | +4 | 10.61 |
| Nov. 14 | +30.76 | .83 | .67 | | | +4 10.6 | 11.6 | 13.0 | 13.2 | | | |
| | | .65 | | | | | 12.4 | | 10.7 | | | |
| | | .77 | | | | | 12.8 | | | | | |
| | +30.760 | .750 | 1 .670 | -.090 | -.080 | +4 10.60 | 12.27 | 1 13.00 | 11.95 | +2.40 | +.73 | +1.05 |
| | - 48 | - 23 | 3 727 | | | + 18 | + 22 | 2 12.08 | + 13 | | | |
| | | | 1 712 5 63 | | +30.715 | | | 3 .49 | | | | |
| | | | | | | | | 1 10.78 | 7 | 141 | +4 | 12.20 |
| Nov. 23 | +40 | .90 | .89 | | | +4 | 10.4 | 9.4 | 9.4 | | | |
| | | .93 | .98 | | | | 10.4 | 9.8 | | | | |
| | | .99 | .97 | | | | 11.3 | 9.9 | | | | |
| | | | .91 | | | | | 10.2 | | | | |
| | +40 | .940 | 4 .938 | | -.002 | +4 | 10.70 | 4 9.83 | 9.40 | | -.87 | +1.43 |
| | - 48 | - 21 | 3 919 7 209 | | +40.930 | + 6 | + 8 | 1 9.39 | - 1 | | | |
| | | | | | | | | 3 10.78 | 8 | 105 | +4 | 10.13 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Nov. 24 | +42.41 | .37 | .35 | | | | +4 11.0 | 11.2 | 10.1 | 9.8 | | | |
| | | .43 | .42 | | | | | 11.1 | 9.1 | 10.7 | | | |
| | | .41 | .45 | | | | | 11.8 | 10.2 | | | | |
| | | | .41 | | | | | | 10.5 | | | | |
| | +42.410 | .403 | 4 .408 | -.002 | +.005 | | +4 11.00 | 11.37 | 4 9.98 | 10.25 | -.75 | -1.39 | -.27 |
| | - 47 | - 20 | 3 .383 | | | | + 2 | + 15 | 24 10.18 | - 7 | | | |
| | | | 1 .363 | 8 7444 | +42.393 | | | | 3 11.42 | | | | |
| | | | | | | | | | 81 11.02 | 10 | 556 | +4 | 10.56 |
| Nov. 26 | +44.86 .91 | .73 .67 | .77 .72 | | | | +4 11.6 | 10.3 | 11.7 | 10.6 | | | |
| | | .78 .72 | .72 .80 | | | | | 10.6 | 10.1 | 12.3 | | | |
| | | .77 .71 | .80 .75 | | | | | 10.7 | 10.7 | | | | |
| | | .74 .85 | .63 | | | | | 12.1 | 11.9 | | | | |
| | | .80 | | | | | | 12.3 | | | | | |
| | +44.860 | .764 | 4 .730 | -.130 | -.034 | | +4 11.60 | 11.20 | 4 11.10 | 11.45 | -.50 | -.10 | -.35 |
| | - 47 | - 20 | 5 .744 | | | | + 0 | + 1 | 2 .35 | - 10 | | | |
| | .910 | .738 | 1 .813 | | +44.745 | | | | 5 .21 | | | | |
| | | | 3 .757 | | | | | | 1 .60 | 12 | 275 | +4 | 11.23 |
| | | | 4 .718 | | | | | | | | | | |
| | | | 1 .863 | 8 406 | +44.751 | | | | | | | | |
| Nov. 30 | +48.98 | 49.03 | 48.95 | | | | +4 11.5 | 11.4 | 11.3 | 11.2 | | | |
| | .94 | | .88 | | | | 11.5 | | 10.7 | 12.3 | | | |
| | .95 | | .86 | | | | 9.4 | | 11.5 | | | | |
| | | | .88 | | | | | | 10.6 | | | | |
| | | | 49.02 | | | | | | 11.0 | | | | |
| | +48.957 | 49.030 | 5 48.918 | -.039 | -.112 | | +4 10.80 | 11.40 | 5 11.02 | 11.75 | +.22 | -.38 | -.73 |
| | - 47 | - 19 | 1 49.011 | | | | - 5 | - 5 | 2 .56 | - 19 | | | |
| | | | 3 48.910 | 9 8331 | 48.926 | | | | 1 .35 | | | | |
| | | | | | | | | | 3 10.75 | 11 | 82 | +4 | 11.07 |
| Dec. 1 | +49.97 | .95 | 49.87 | | | | +4 10.3 | 12.1 | 11.4 | 12.9 | | | |
| | | 50.12 | 50.10 | | | | | 11.4 | 10.9 | | | | |
| | | 49.99 | .03 | | | | | 12.0 | 11.7 | | | | |
| | | | .96 | | | | | | 11.4 | | | | |
| | | | .96 | | | | | | 11.1 | | | | |
| | +49.970 | 50.020 | 5 49.984 | +.114 | +.064 | | +4 10.30 | 11.83 | 5 11.30 | 12.90 | +.00 | -.53 | -1.60 |
| | - 46 | - 19 | 3 .081 | | | | - 8 | - 8 | 1 12.69 | - 21 | | | |
| | | | 1 49.924 | 9 347 | +~~49.983~~ | | | | 3 11.75 | | | | |
| | | | | | ~~50.039~~ 56 | | | | 1 10.22 | 10 | 466 | +4 | 11.47 |
| Dec. 6 | +56.30 | .31 | .24 | | | | +4 | 10.3 | 11.8 | 9.9 | | | |
| | | .24 | | | | | | 11.6 | | 9.7 | | | |
| | +56.300 | .275 | 1 .240 | -.060 | -.035 | | +4 | 10.95 | 11.80 | 9.80 | +.85 | +2.00 | |
| | - 46 | - 17 | 2 .258 | | | | - 20 | - 20 | 2 9.45 | - 35 | | | |
| | | | 1 .254 | 4 210 | +56.250 | | | | 2 10.75 | 5 | 220 | +4 | 11.04 |
| Dec. 7 | +57.63 | .52 | .51 | | | | +4 12.1 | 12.3 | 11.7 | 11.9 | | | |
| | | .57 | .53 | | | | | 12.3 | 11.1 | 11.8 | | | |
| | | .56 | .66 | | | | | 11.6 | 12.1 | 12.6 | | | |
| | | .53 | .46 | | | | | 11.7 | 10.3 | | | | |
| | | | .49 | | | | | 12.2 | | | | | |
| | +57.630 | .545 | 5 .530 | -.100 | -.015 | | +4 12.10 | 12.02 | 4 11.05 | 12.07 | -1.05 | -.97 | -1.02 |
| | - 46 | - 17 | 4 .528 | | | | - 21 | - 20 | 3 .71 | - 36 | | | |
| | | | 1 .584 | 10 346 | +57.535 | | | | 5 .82 | | | | |
| | | | | | | | | | 1 .89 | 13 | 732 | +4 | 11.56 |
| Dec. 8 | +58.67 .64 | .55 .60 | .56 .64 | | | | 12.2 | 12.1 | | 11.4 | | | |
| | | .57 .61 | .53 .52 | | | | | 10.4 | 11.6 | 11.7 | | | |
| | | .58 .59 | .69 .68 | | | | | 11.5 | 10.0 | 11.6 | | | |
| | | .57 .53 | | | | | | 12.0 | 11.1 | 11.4 | | | |
| | | .56 .52 | | | | | | 12.1 | | | | | |
| | +58.640 | .566 | 3 .593 | -.074 | +.027 | | +4 12.20 | 11.62 | 3 10.90 | 11.38 | -1.30 | -.72 | -.48 |
| | - 46 | - 17 | 5 .549 | | | | - 22 | - 22 | 4 11.00 | - 38 | | | |
| | .640 | .570 | 1 .624 | 9 648 | +58.672 | | | | 5 .40 | | | | |
| | | | 3 .613 | | | | | | 1 .98 | 13 | 268 | +4 | 11.21 |
| | | | 5 .553 | | | | | | | | | | |
| | | | 1 .594 | 9 698 | +58.578 | | | | | | | | |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Dec 11 | +1° | .92 | .94 | | | | +4′ | 10.6 | 10.5 | 10.1 | | | |
| | | .84 | .99 | | | | | 10.8 | 10.3 | | | | |
| Add 5m from this date to end of year | | .95 | | | | | | 10.4 | | | | | |
| | +1 | .903 | 2 .965 | | +.062 | | +4 | 10.60 | 2 10.40 | 10.10 | | −.20 | +.30 |
| | − 45 | − 16 | 3 .887 | 5 91 | +1.918 | | − 30 | − 30 | 1 9.65 | − 45 | | | |
| | | | | | | | | | 3 10.30 | 6 | 135 | +4 | 10.23 |
| Dec 12 | +3 | .03 | .01 | | | | +4 | 9.9 | 9.1 | 10.2 | | | |
| | | .03 | | | | | | 10.9 | | | | | |
| | | .01 | | | | | | 9.9 | | | | | |
| | | .03 | | | | | | 10.2 | | | | | |
| | | .06 | | | | | | 10.3 | | | | | |
| | +3 | .032 | 1 .010 | | −.022 | | +4 | 10.22 | 1 9.10 | 10.20 | | −1.12 | −1.10 |
| | − 45 | − 16 | 5 .016 | 6 90 | +3.015 | | − 32 | − 32 | 1 .72 | − 48 | | | |
| | | | | | | | | | 5 .90 | 7 | 532 | +4 | 9.76 |
| Dec 14 | +5.07 | .99 | .90 | | | | +4 9.6 | 10.1 | 9.8 | 10.8 | | | |
| | | .97 | .98 | | | | | 10.8 | 10.8 | | | | |
| | | 5.05 | .84 | | | | | 12.1 | 10.7 | | | | |
| | | 4.96 | | | | | | 10.4 | | | | | |
| | | 5.09 | | | | | | 10.2 | | | | | |
| | +5.070 | .012 | 3 .907 | −.163 | −.105 | | +4 9.60 | 10.72 | 3 10.43 | 10.80 | +.83 | −.29 | −.37 |
| | − 45 | − 15 | 5 4.997 | | | | − 35 | − ~~39~~ 36 | 1 .26 | − 54 | | | |
| | | | 1 5.025 | 9 631 | + 5/4 .970 | | | 39 | 5 .33 | | | | |
| | | | | | | | | | 1 9.25 | 10 | 245 | +4 | 10.24 |
| Dec 16 | +7.56 | .49 | .61 | | | | +4 10.6 | 11.8 | 10.4 | 10.1 | | | |
| | | .53 | .57 | | | | | 10.9 | 11.7 | 10.5 | | | |
| | | .53 | .57 | | | | | 10.8 | 11.0 | 10.8 | | | |
| | | .54 | .49 | | | | | 11.2 | 9.2 | | | | |
| | +7.560 | .523 | 4 .560 | +.000 | +.037 | | +4 10.60 | 11.18 | 4 10.58 | 10.47 | −.02 | −.40 | +.11 |
| | − 45 | − 15 | 4 .508 | | | | − ~~42~~ 36 | − ~~50~~ 43 | 3 9.92 | − ~~67~~ 55 | | | |
| | | | 1 .515 | 9 287 | +7.532 | | | | 4 10.75 | | | | |
| | | | | | | | | | 1 .24 | 12 | 532 | +4 | 10.414 |
| Dec 17 | +8.53 | .64 | .58 | | | | +4 | 11.6 | 10.7 | | | | |
| | | .68 | | | | | | 11.3 | | | | | |
| | | | | | | | | 10.8 | | | | | |
| | +8.530 | .660 | 1 .580 | +.050 | −.080 | | +4 | 11.23 | 1 10.70 | | | −.53 | |
| | − 47 | − ~~.814~~ | 2 .646 | | | | − ~~44~~ 40 | − ~~58~~ 48 | 3 .75 | − ~~66~~ 59 | 4.295 | +4 | 10.714 |
| | | | 1 .483 | 4 355 | +8.589 | | | | | | | | |
| Dec 18 | +9.65 | .63 | .66 | | | | +4 9.9 | 11.0 | 11.0 | 8.7 | | | |
| | | .62 | .60 | | | | | 10.5 | 9.5 | 9.8 | | | |
| | | .59 | .58 | | | | | 10.8 | 9.1 | 11.2 | | | |
| | | .57 | | | | | | 11.1 | | | | | |
| | +9.650 | .603 | 3 .613 | −.037 | +.010 | | +4 9.90 | 10.85 | 3 9.87 | 9.90 | −.03 | −.98 | +.03 |
| | − 47 | − 14 | 4 .589 | | | | − ~~46~~ 40 | − ~~63~~ 50 | 3 .29 | − ~~71~~ ~~60~~ 61 | | | |
| | | | 1 .603 | 8 4798 | +9.600 | | | | 4 10.35 | | | | |
| | | | | | | | | | 1 9.50 | 11 | 938 | +4 | 9.85 |
| Dec 19 | +10.52 | .50 | .52 | | | | +4 11.2 | 11.3 | 9.7 | 10.1 | | | |
| | .53 | .50 | .41 | | | | 11.0 | 11.5 | 11.0 | 11.3 | | | |
| | .57 | | .57 | | | | 9.9 | | 10.5 | 10.1 | | | |
| | | | .50 | | | | | | 10.0 | | | | |
| | | | .48 | | | | | | 9.2 | | | | |
| | +10.540 | .500 | 5 .496 | −.044 | −.004 | | +4 10.70 | 11.40 | 5 10.08 | 10.50 | −.62 | −.32 | −.42 |
| | − 47 | − 14 | 2 .486 | | | | − 42 | − ~~62~~ 53 | 3 9.87 | − 63 | | | |
| | | | 3 .493 | 10 931 | +10.493 | | | | 2 10.87 | | | | |
| | | | | | | | | | 3 .28 | 13 | 259 | +4 | 10.20 |

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| | 1 | 2 | Zenith-Groups | z-1 | z-2 | | 1 | 2 | Zenith-Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1878 | | | | | | | | | | | | | |
| Dec 23 | +12,51 | ,40 | ,36 | | | | +4 9.8 | 9.4 | | 10.9 | | | |
| | | ,41 | | | | | | 11.0 | | 11.1 | | | |
| | | ,49 | | | | | | 10.8 | | | | | |
| | | ,33 | | | | | | 11.9 | | | | | |
| | | ,49 | | | | | | 9.4 | | | | | |
| | | ,32 | | | | | | 11.2 | | | | | |
| | +12,510 | ,407 | 1 ,360 | -,150 | -,047 | | +4 9.80 | 10.62 | | 11.00 | | | |
| | - 47 | - 12 | 6 ,395 | | | | - 45 | - 60 | 2 10.32 | - 68 | | | |
| | | | 1 ,463 | 8 793 | +12.399 | | | | 6 ,02 | | | | |
| | | | | | | | | | 1 9.35 | 9 | 11 | +4 | 10.01 |
| Dec 24 | +12 | ,73 | ,68 | | | | +4 | 9.8 | 9.5 | 10.2 | | | |
| | | ,66 | | | | | | 9.3 | ~~9.5~~ | ~~10.7~~ | | | |
| | +12 | .695 | 1 ,680 | | ÷ 015 | | +4 | ~~9.55~~ | ~~9.50~~ | 10.20 | | -.05 | -.70 |
| | - 47 | - 12 | 2 .683 | 3 246 | +12.682 | | - 48 | - ~~.66~~ | 1 9.47 | - 73 | | | |
| | | | | | | | | ~~9.5~~ | 2 ~~8.89~~ | 4 | 75 | +4 | 9.19 |
| Dec 25 | +13 | +12.96 | 13.00 | | | | +4 | 10.8 | 9.8 | 10.7 | | | |
| | | ,93 | 12.97 | | | | | 10.6 | 8.8 | | | | |
| | | ,01 | 13.04 | | | | | 9.5 | 9.6 | | | | |
| | | | 00 | | | | | | 9.9 | | | | |
| | +12 | ,967 | 4 13.003 | | +,036 | | | 10.30 | 4 9.53 | 10.70 | | -.77 | -1.17 |
| | - ~~46~~ 44 | - 12 | 3 12.955 | 7 6877 | 12.982 | | - 50 | - 68 | 1 ~~9.96~~ | - 74 | | | |
| | | | | | | | | | 3 9.62 | 8 | 494 | +4 | 9.62 |
| Dec 26 | +13 | ,20 | ,16 | | | | +4 | 9.9 | 8.7 | 9.0 | | | |
| | | ,24 | ,33 | | | | | 9.3 | 9.1 | | | | |
| | | ,14 | ,24 | | | | | 10.9 | 9.6 | | | | |
| | | ,17 | ,13 | | | | | 10.8 | 10.9 | | | | |
| | +13 | ,188 | 4 ,215 | | +,027 | | | 10.22 | 4 9.58 | 9.00 | | -1.22 | +.58 |
| | - ~~46~~ 43 | - 12 | 4 ,176 | | +13.195 | | - 50 | - 70 | 1 8.23 | - 77 | | | |
| | | | | | | | | | 4 9.52 | 9 | 363 | +4 | 9.40 |
| Dec 30 | +12 | | ,90 | | | | +4 | | 8.6 | 9.3 | | | |
| | +12 | | ,900 | | + 12.900 | | | | 1 8.60 | 9.30 | | -.70 | |
| | - ~~46~~ 42 | - 11 | | | | | - 53 | - 74 | 1 8.50 | - 80 | | | |
| | | | | | | | | | | 2 | 110 | +4 | 8.55 |
| Dec 31 | +11 | ,73 | ,70 | | | | +4 | 10.9 | 9.2 | 9.3 | | | |
| | | ,76 | ,68 | | | | | 10.5 | 9.4 | | | | |
| | | ,73 | ,66 | | | | | 10.8 | 11.2 | | | | |
| | | ,74 | . | | | | | | 10.8 | | | | |
| | +11 | ,740 | 3 ,680 | | -,060 | | | 10.73 | 4 10.15 | 9.30 | | -.58 | +.65 |
| | - 42 | - 11 | 4 ,729 | 7 56 | +11.708 | | - 53 | - 75 | 1 8.49 | - 81 | | | |
| | | | | | | | | | 3 9.98 | 8 | 703 | +4 | 9.88 |

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| | 1 | 2 | Zenith Group | z-1 | z-2 | 1 | 2 | Zenith Group | 3 | z'-1 | z'-2 | z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | +.79 +.54 | +.54 +.13 | +.13 -.38 | -.38 -.80 | | | |
| 1876 | | | | | | | | | | | | |
| Dec 5 | -38.34 | .37 | *-38.37 | | | +3 57.8 | 57.9 | 57.5 | 57.3 | | | |
| | .38 | .40 | .39 | | | 57.6 | 56.0 | 58.2 | 56.4 | | | |
| | .33 | .39 | .40 | | | 56.9 | 58.0 | 55.6 | 57.2 | | | |
| | .41 | .37 | .41 | | | 55.7 | | 55.4 | 56.3 | | | |
| | | .33 | .37 | | | | | 55.7 | 56.4 | | | |
| | | .41 | .34 | | | | | 57.8 | | | | |
| | | | .41 | | | | | | | | | |
| | | | .32 | | | | | | | | | |
| | -38.365 | .378 | 8 .380 | -.015 | -.002 | +3 57.73 | 57.10 | 6 8 56.78 | 56.72 | | | |
| | -.42 | -.13 | 6 .391 | | | | 56.78 | 5 .47 | | | | |
| | | | 4 .407 | 18 .7014 | -38.390 | -.53 | -.30 | 3 6 .45 | | | | |
| | | | | | | | | 8 5 .90 | -.25 | | | 56.90 |
| | | | | | | | | .67 | 17 | #55 | +3 | 56.90 |
| | | | | | | | | | 24 | 1039 | | 61 |
| | | | | | | | | | | 1464 | | |
| Dec 6 | -39.88 | .88 | 39.97 | | | +3 56.6 | 56.7 | 56.1 | 57.9 | | | |
| | .85 | .92 | 40.60 | | | 58.0 | 56.0 | 55.9 | 58.0 | | | |
| | .90 | .92 | 39 .99 | | | 57.0 | 57.5 | 57.1 | 56.9 | | | |
| | .86 | .97 | .89 | | | 56.5 | 57.6 | 56.5 | | | | |
| | .86 | | .87 | | | 57.6 | | 56.2 | | | | |
| | | | .96 | | | | | 56.5 | | | | |
| | | | .86 | | | | | 56.1 | | | | |
| | -39.870 | .923 | 7 .934 | -.064 | -.011 | | | 55.7 | | | | |
| | -.42 | -.13 | 4 .936 | | | +3 57.14 | 57.05 | 6 3 56.26 | 57.60 | -.88 | -1.29 | -1.34 |
| | | | 5 .912 | 16 .442 | -39.928 | -.53 | -.30 | 4 5 56.25 | .25 | | | |
| | | | | | | | | 5 56.61 | 20 | 1018 | +3 | 56.71 |
| | | | | | | | | | | | | 57 |
| Dec 7 | -41.09 | .17 | 41.07 | | | +3 57.6 | 56.8 | 56.1 | 56.9 | | | |
| | .09 | .12 | .20 | | | 57.3 | 58.0 | 56.8 | | | | |
| | | | .18 | | | | | 55.7 | | | | |
| | -41.090 | .125 | 3 .150 | -.060 | -.025 | +3 57.45 | 57.40 | 3 56.20 | 56.90 | -1.25 | -1.20 | -.70 |
| | -.41 | -.13 | 2 .138 | | | -.52 | -.30 | 6 .65 | -.25 | | | |
| | | | 2 .131 | 7 .288 | -41.141 | | | 2 57.10 | | | | |
| | | | | | | | | 2 56.93 | 8 | 531 | +3 | 56.66 |
| Dec 10 | -44.49 | .60 | .70 | | | +3 58.3 | 56.2 | 59.5 | 58.1 | | | |
| | .58 | .59 | .61 | | | 56.2 | 56.5 | 56.7 | 58.2 | | | |
| | | .55 | .55 | | | | 56.5 | 58.5 | | | | |
| | | .63 | .53 | | | | 57.2 | 57.4 | | | | |
| | | .66 | .62 | | | | 57.7 | 56.1 | | | | |
| | | | .+ | | | | | 54.7 | | | | |
| | -44.535 | -44.606 | 5 .602 | -.067 | +.004 | +3 57.25 | 56.90 | 6 57.15 | 58.15 | -.10 | +.25 | -1.00 |
| | -.40 | -.14 | 5 .620 | | | -.51 | -.29 | 2 57.91 | -.24 | | | |
| | | | 2 .575 | 12 .7260 | -44.605 | | | 4 56.74 | 14 | 9864 | +3 | 57.05 |
| Dec 12 | -47.92 | -48.00 | -48 .08 | | | +3 58.4 | 57.0 | .76 | 58.9 | | | |
| | .99 | 47.91 | .07 | | | 56.2 | 56.4 | 56.0 | | | | |
| | | .97 | .05 | | | | 56.6 | 57.5 | | | | |
| | | .86 | 47 .98 | | | | | 57.5 | | | | |
| | | | .95 | | | | | 57.1 | | | | |
| | | | .96 | | | | | 56.8 | | | | |
| | -47.955 | 47.960 | 6 48.015 | -.060 | -.055 | +3 57.30 | 56.67 | 6 57.08 | 58.90 | -.22 | +.41 | -1.52 |
| | -.39 | -.14 | 3 47.974 | | | -.49 | -.28 | 1 58.66 | -.24 | | | |
| | | | 2 .994 | 11 .000 | -48.000 | | | 3 56.39 | | | | |
| | | | | | | | | 2 56.81 | 12 | 8393 | +3 | 56.99 |
| Dec 13 | -49.15 | .17 | .26 | | | +3 58.1 | 58.0 | 59.3 | 58.1 | | | |
| | .23 | .21 | .32 | | | 58.4 | 58.1 | 57.2 | | | | |
| | .17 | .25 | .32 | | | 57.7 | 57.1 | 56.6 | | | | |
| | | .21 | .20 | | | | 56.3 | 56.4 | | | | |
| | | .17 | .25 | | | | 57.8 | 57.4 | | | | |
| | | | .31 | | | | | 57.3 | | | | |
| | | | .25 | | | | | 56.4 | | | | |
| | -49.183 | .202 | 7 .273 | -.090 | -.071 | +3 58.07 | 57.46 | 7 57.23 | 58.10 | -.84 | -.23 | -.87 |
| | -.38 | -.15 | 5 .217 | | | -.48 | -.24 | 4 .87 | -.23 | | | |
| | | | 3 .221 | 15 .659 | -49.2441 | | | 5 .16 | | | | |
| | | | | | | | | 3 .59 | 16 | 520 | +3 | 57.32 |

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| | 1 | 2 | Zenith Group | Z-1 | Z-2 | | 1 | 2 | Zenith Group | 3 | Z'-1 | Z'-2 | Z'-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +.13 | +.13 −.38 | −.38 −.80 | | | | |
| 1846 | | | | | | | | | | | | | | |
| Dec 14 | -50.34 | .46 | .52 | | | | +3 57.1 | 58.16 | +3 56.2 | 58.5 | | | | Ja |
| | .40 | .49 | .41 | | | | 57.9 | 58.1 | 57.1 | 56.7 | | | | |
| | | | .48 | | | | | | 57.8 | 57.4 | | | | |
| | | | | | | | | | 57.1 | | | | | |
| | -50.370 | .475 | 3 .463 | −.093 | +.012 | | +3 57.05 | 58.35 | 4 57.05 | 57.53 | +.00 | −1.30 | −.48 | |
| | − 33 | − 15 | 2 490 | | | | − 46 | − 27 | 3 .30 | − 23 | | | | |
| | | | 2 403 | 7 375 | −50.4454 | | | | 2 58.08 | | | | | |
| | | | | | | | | | 2 56.59 | 11 | 7944 | +3 | 57.223 | |
| Dec 19 | -54.79 | .79 | .84 | | | | +3 57.5 | 58.0 | 56.4 | 57.7 | | | | Ja |
| | .85 | .80 | .82 | | | | 57.6 | 56.5 | 56.1 | 56.3 | | | | |
| | | .77 | .74 | | | | | 56.5 | 56.8 | 56.0 | | | | |
| | | .81 | .83 | | | | | 56.8 | 57.3 | 57.4 | | | | |
| | | | .84 | | | | | | 56.6 | | | | | |
| | | | .85 | | | | | | 56.7 | | | | | |
| | -57.820 | .792 | 6 .820 | +.000 | −.028 | | +3 57.55 | 56.95 | 5 56.65 | 56.85 | −.90 | −.30 | −.20 | |
| | − 33 | − 15 | 4 .807 | | | | − 48 | − 26 | 4 .62 | − 23 | | | | |
| | | | 2 .853 | 12 254 | −57.821 | | | | 4 .69 | | | | | |
| | | | | | | | | | 2 57.12 | 15 | 1073 | +3 | 56.72 | Ja |
| Dec 23 | -66.09 | .13 | .05 | | | | +3 56.6 | 56.5 | 56.7 | 57.5 | | | | |
| | .13 | .13 | .06 | | | | 56.0 | 56.3 | 55.6 | 57.5 | | | | |
| | .10 | .10 | .17 | | | | 57.0 | 57.1 | 57.1 | 55.6 | | | | |
| | .14 | .14 | .14 | | | | 57.9 | 56.6 | 57.6 | 56.1 | | | | |
| | .04 | .11 | .21 | | | | 54.6 | 56.6 | 54.9 | 55.7 | | | | |
| | | .10 | .13 | | | | | 56.2 | 56.9 | | | | | |
| | | .09 | .06 | | | | | 56.8 | 56.5 | | | | | Ja |
| | | .11 | | | | | | | | | | | | |
| | -66.100 | .114 | 7 .117 | −.017 | −.003 | | +3 57.02 | 56.44 | 7 56.47 | 56.48 | −.55 | +.03 | −.01 | |
| | − .30 | − .16 | 7 .130 | | | | − 40 | − 25 | 5 25 | − 23 | | | | |
| | | | 5 130 | 19 479 | −66.125 | | | | 7 19 | | | | | |
| | | | | | | | | | 5 62 | 24 | 897 | +3 | 56.37 | |
| Dec 24 | ~~68.01~~ | 68.01 | | | | | | | | | | | | |
| | -67.88 | 68.05 | -68.09 | | | | +3 53.9 | 55.8 | 56.4 | 58.7 | | | | |
| | 67.92 | 67.99 | -67.89 | | | | 53.4 | 55.7 | 56.3 | 56.2 | | | | |
| | .85 | .93 | 67.95 | | | | 55.0 | 55.8 | 56.2 | 56.3 | | | | |
| | 68.00 | 68.02 | 68.08 | | | | 55.7 | ~~55.86~~ 36 | ~~56.6~~ 56.0 | | | | | Ja |
| | 67.93 | 67.98 | 67.99 | | | | 57.7 | 57.3 | 56.2 | | | | | |
| | .94 | | 68.09 | | | | 57.2 | 57.2 | 53.6 | | | | | |
| | | | 68.11 | | | | | | 53.5 | | | | | |
| | | | 68.05 | | | | | 36 | | | | | | |
| | -67.920 | .997 | 8 68.031 | −.111 | +.084 | | +3 56.15 | 56.27 | 8 56.00 | 57.07 | −.15 | −.36 | −1.07 | |
| | − 30 | − 16 | 6 .013 | | | | − .35 | − .24 | 3 .85 | − .22 | | | | |
| | | | 4 67.950 | 20 26 | −68.001 | | | | 5 .12 | | | | | |
| | | | | | | | | | 6 55.80 | 22 | 13395 | +3 | 56.09 | |
| | | | | | | | | | | | | | | Ja |
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| | 1 | 2 | Jewitt Group | Z-1 | Z-2 | | 1 | 2 | Jewitt Group | 3 | Z'-1 | Z'-2 | Z'-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | −.18 +.18 | +.18 +.70 | +.70 +1.91 | | | | +.79 +.54 | +.54 +1.3 | +1.3 −.38 | −.38 −.80 | | | |
| 1879 | | | | | | | | | | | | | |
| Jan 5 | m d | d | d | | m d | | ′ ″ | ″ | ″ | ″ | | | |
| | +5 ~~11.5~~ | 10.55 | 10.58 | | | | +4 10.0 | 10.8 | 10.5 | 9.6 | | | |
| | 10.64 | .56 | .57 | | | | | | 8.8 | | | | |
| | | | .61 | | | | | | 11.9 | | | | |
| | +5 10.640 | .550 | 3 .587 | | | | +4 10.03 | 10.80 | 3 10.40 | 9.60 | | | |
| | − .40 | −.08 | 2 .542 | | | | − .60 | −.74 | 1 8.78 | −.82 | | | |
| | | | 1 .600 | 6 3445 | +5 10,574 | | | | 1 10.06 | 6 5944 | +4 | 9.91 | |
| | | | | | | | | | 1 9.40 | | | | |
| Jan 6 | +5 10.60 | .51 | .42 | | | | +4 10.4 | | 11.7 | 12.2 | | | |
| | | | .60 | | | | | | 10.3 | | | | |
| | | | | | | | | | 11.0 | | | | |
| | +5 10.60 | .510 | 2 .510 | | | | | | | | | | |
| | −.40 | − 8 | 1 .502 | | | | +4 10.40 | | 3 11.00 | 12.20 | | | |
| | | | 1 .560 | 4 82 | +5 10,520 | | − .62 | | 1 11.37 | −.83 | | | |
| | | | | | | | | | 1 9.78 | | | | |
| | | | | | | | | | | 5 5415 | +4 | 10.83 | |
| Jan 20 | +5 13.60 | .49 | .49 | | | | +4 11.2 | | 12.7 | 10.9 | | | |
| | − | | .55 | | | | | | 11.7 | | | | |
| | | | .61 | | | | | | 10.3 | | | | |
| | | | | | | | | | 12.2 | | | | |
| | +5 13.600 | .490 | 3 .550 | | | | | | | | | | |
| | − .34 | − 4 | 1 .486 | | | | +4 11.20 | | 4 11.72 | 10.90 | | | |
| | | | 1 .566 | 5 2702 | +5 13.540 | | − .71 | | 1 9.90 | −1.00 | | | |
| | | | | | | | | | 1 10.49 | | | | |
| | | | | | | | | | | 6 6727 | +4 | 11.21 | |
| Jan 22 | +5 14. | .32 | .26 | | | | +4 | 11.7 | 11.5 | 9.1 | | | |
| | | .34 | | | | | | 11.1 | | | | | |
| | +5 | 14.330 | 1 .260 | | | | +4 | 11.40 | 1 11.50 | 9.10 | | | |
| | | − 3 | 2 .327 | 3 914 | +5 14.305 | | | − .84 | 1 8.08 | −1.02 | | | |
| | | | | | | | | | 2 10.56 | | | | |
| | | | | | | | | | | 4 4074 | +4 | 10.18 | |
| Jan 23 | +5 14. | | .86 | | | | +4 | | 9.6 | 9.5 | | | |
| | | | .77 | | | | | | 8.3 | | | | |
| | | | .85 | | | | | | 9.5 | | | | |
| | | | .81 | | | | | | 11.4 | | | | |
| | | | .94 | | | | | | 10.6 | | | | |
| | | | +5 14,846 | | +5 14.846 | | | | +4 5 9.88 | 9.50 | | | |
| | | | | | | | | | 1 8.46 | −1.04 | | | |
| | | | | | | | | | | 6 5786 | +4 | 9.64 | |
| Jan 25 | +5 16.33 | | .33 | | | | +4 16.7 | | 11.3 | 10.3 | | | |
| | | | .26 | | | | | | 8.5 | 9.3 | | | |
| | | | .29 | | | | | | 10.0 | | | | |
| | | | .19 | | | | | | 11.3 | | | | |
| | +5 16.330 | | 4 .268 | | | | +4 16.70 | | 4 10.55 | 9.80 | | | |
| | − .32 | | 1 .298 | 5 370 | +5 16,274 | | − .76 | | 2 8.72 | −1.08 | | | |
| | | | | | | | | | 1 9.94 | | | | |
| | | | | | | | | | | 7 6958 | +4 | 9.94 | |
| Jan 26 | +5 17.22 | | .07 | | | | +4 14.2 | | 14.0 | 13.8 | | | |
| | | | .08 | | | | | | 14.2 | 13.4 | | | |
| | | | .12 | | | | | | 11.8 | | | | |
| | | | .27 | | | | | | 13.3 | | | | |
| | +5 17220 | | 4 .135 | | | | +4 1420 | | 4 12.58 | 1360 | | | |
| | − .32 | | 1 188 | 5 228 | +5 17,146 | | − .76 | | 2 12.51 | −1.09 | | | |
| | | | | | | | | | 1 13.44 | | | | |
| | | | | | | | | | | 7 478 | +4 | 12.68 | |

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