表5-8-1 根据PREM模型计算和理论观测的简正振型参数

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 振型 | 观测 | | 各向异性 | | 各向同性 | | Q观测 | | Q计算 | 群速度 |
| 周期 | 标准差. | 周期 | 偏差 | 周期 | 偏差 | 值 | 标准差 |
| 0S0 | 1227.52 | 0.01 | 1228.02 | -0.04 | 1228.07 | -0.05 | 5230.0 | 9.0 | 5327.6 |  |
| 1S0 | 612.99 | 0.01 | 612.99 | 0.00 | 612.99 | 0.00 | 1970.0 | 18.8 | 1499.0 |  |
| 2S0 | 398.55 | 0.05 | 398.33 | 0.06 | 398.30 | 0.06 | 1170.0 | 15.0 | 1241.6 |  |
| 3S0 | 305.84 | 0.05 | 305.70 | 0.05 | 305.65 | 0.06 | 874.0 | 15.0 | 1083.4 |  |
| 4S0 | 243.67 | 0.06 | 243.56 | 0.04 | 243.49 | 0.07 | 989.0 | 9.9 | 969.1 |  |
| 5S0 | 204.61 | 0.05 | 204.74 | -0.07 | 204.65 | -0.02 | 824.0 | 16.8 | 920.8 |  |
| 6S0 | 174.25 | 0.06 | 174.21 | 0.03 | 174.12 | 0.07 | 933.0 | 15.0 | 913.1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 0S2 | 3233.25 | 0.01 | 3233.34 | -0.00 | 3233.45 | -0.01 | 463.0 | 17.8 | 509.6 | 7.086 |
| 0S3 | 2134.67 | 0.02 | 2134.22 | 0.02 | 2134.44 | 0.01 | 421.0 | 17.5 | 417.4 | 6.904 |
| 0S4 | 1545.60 | 0.05 | 1545.43 | 0.01 | 1545.73 | -0.01 | 355.0 | 18.2 | 373.1 | 7.596 |
| 0S5 | 1190.13 | 0.05 | 1189.88 | 0.02 | 1190.19 | -0.00 | 352.0 | 32.1 | 355.5 | 7.929 |
| 0S6 | 963.18 | 0.05 | 963.20 | -0.00 | 963.51 | -0.03 | 357.0 | 25.0 | 347.3 | 7.906 |
| 0S7 | 811.45 | 0.05 | 811.83 | -0.05 | 812.16 | -0.09 | 330.0 | 12.8 | 342.0 | 7.566 |
| 0S8 | 707.66 | 0.05 | 707.47 | 0.03 | 707.83 | -0.02 | 338.0 | 5.0 | 337.3 | 6.954 |
| 0S9 | 633.89 | 0.05 | 633.61 | 0.04 | 634.01 | -0.02 | 319.0 | 5.0 | 332.7 | 6.239 |
| 0S11 | 536.89 | 0.05 | 536.94 | -0.01 | 537.35 | -0.09 | 315.0 | 5.0 | 322.1 | 5.254 |
| 0S12 | 502.36 | 0.05 | 502.42 | -0.01 | 502.83 | -0.09 | 306.0 | 5.0 | 315.2 | 4.997 |
| 0S13 | 473.17 | 0.05 | 473.28 | -0.02 | 473.68 | -0.11 | 299.0 | 5.0 | 307.2 | 4.813 |
| 0S14 | 448.21 | 0.05 | 448.15 | 0.01 | 448.53 | -0.07 | 290.0 | 5.0 | 298.3 | 4.665 |
| 0S15 | 426.15 | 0.05 | 426.19 | -0.01 | 426.55 | -0.10 | 295.0 | 5.0 | 288.8 | 4.533 |
| 0S16 | 406.76 | 0.05 | 406.80 | -0.01 | 407.15 | -0.09 | 278.0 | 5.0 | 278.9 | 4.411 |
| 0S17 | 389.30 | 0.05 | 389.55 | -0.06 | 389.87 | -0.15 | 273.0 | 5.0 | 268.9 | 4.298 |
| 0S18 | 373.94 | 0.05 | 374.07 | -0.04 | 374.37 | -0.12 | 282.0 | 5.0 | 259.1 | 4.193 |
| 0S19 | 360.14 | 0.05 | 360.11 | 0.01 | 360.38 | -0.07 | 255.0 | 5.0 | 249.7 | 4.097 |
| 0S20 | 347.50 | 0.05 | 347.42 | 0.02 | 347.67 | -0.05 | 231.0 | 5.0 | 240.8 | 4.011 |
| 0S21 | 335.81 | 0.05 | 335.83 | -0.01 | 336.06 | -0.07 | 237.0 | 5.0 | 232.4 | 3.934 |
| 0S22 | 325.06 | 0.05 | 325.18 | -0.04 | 325.38 | -0.10 | 228.0 | 5.0 | 224.8 | 3.866 |
| 0S23 | 315.30 | 0.05 | 315.34 | -0.01 | 315.51 | -0.07 | 216.0 | 5.0 | 217.7 | 3.808 |
| 0S24 | 306.20 | 0.05 | 306.20 | 0.00 | 306.35 | -0.05 | 219.0 | 5.0 | 211.3 | 3.758 |
| 0S25 | 297.67 | 0.05 | 297.68 | -0.00 | 297.81 | -0.04 | 207.0 | 5.0 | 205.4 | 3.716 |
| 0S26 | 289.67 | 0.05 | 289.70 | -0.01 | 289.80 | -0.05 | 202.0 | 5.0 | 200.0 | 3.681 |
| 0S27 | 282.21 | 0.05 | 282.20 | 0.00 | 282.28 | -0.03 | 203.0 | 5.0 | 195.1 | 3.652 |
| 0S28 | 275.11 | 0.05 | 275.13 | -0.01 | 275.19 | -0.03 | 199.0 | 5.0 | 190.7 | 3.629 |
| 0S29 | 268.43 | 0.05 | 268.44 | -0.00 | 268.48 | -0.02 | 191.0 | 5.0 | 186.6 | 3.611 |
| 0S30 | 262.09 | 0.05 | 262.09 | 0.00 | 262.11 | -0.01 | 188.0 | 5.0 | 182.9 | 3.597 |
| 0S31 | 256.02 | 0.05 | 256.06 | -0.02 | 256.06 | -0.01 | 184.0 | 5.0 | 179.5 | 3.586 |
| 0S32 | 250.29 | 0.05 | 250.32 | -0.01 | 250.29 | -0.00 | 180.0 | 5.0 | 176.4 | 3.578 |
| 0S33 | 244.88 | 0.05 | 244.83 | 0.02 | 244.79 | 0.04 | 177.0 | 5.0 | 173.4 | 3.573 |
| 0S34 | 239.62 | 0.05 | 239.59 | 0.01 | 239.53 | 0.04 | 173.0 | 5.0 | 170.7 | 3.570 |
| 0S35 | 234.60 | 0.05 | 234.57 | 0.01 | 234.49 | 0.05 | 172.0 | 5.0 | 168.2 | 3.568 |
| 0S36 | 229.79 | 0.05 | 229.76 | 0.01 | 229.66 | 0.06 | 170.0 | 5.0 | 165.9 | 3.568 |
| 0S37 | 225.17 | 0.05 | 225.14 | 0.01 | 225.02 | 0.07 | 167.0 | 5.0 | 163.6 | 3.569 |
| 0S38 | 220.71 | 0.05 | 220.70 | 0.00 | 220.56 | 0.07 | 162.0 | 5.0 | 161.6 | 3.571 |
| 0S39 | 216.45 | 0.05 | 216.43 | 0.01 | 216.27 | 0.08 | 161.0 | 5.0 | 159.6 | 3.573 |
| 0S40 | 212.35 | 0.05 | 212.32 | 0.02 | 212.15 | 0.10 | 159.0 | 5.0 | 157.7 | 3.577 |
| 0S41 | 208.33 | 0.05 | 208.35 | -0.01 | 208.17 | 0.08 | 156.0 | 5.0 | 156.0 | 3.580 |
| 0S42 | 204.56 | 0.05 | 204.53 | 0.02 | 204.33 | 0.11 | 155.0 | 5.0 | 154.3 | 3.584 |
| 0S43 | 200.90 | 0.05 | 200.85 | 0.02 | 200.63 | 0.13 | 154.0 | 5.0 | 152.7 | 3.588 |
| 0S44 | 197.31 | 0.05 | 197.28 | 0.01 | 197.05 | 0.13 | 152.0 | 5.0 | 151.2 | 3.593 |
| 0S45 | 193.91 | 0.05 | 193.84 | 0.03 | 193.60 | 0.16 | 151.0 | 5.0 | 149.7 | 3.597 |
| 0S46 | 190.56 | 0.05 | 190.51 | 0.02 | 190.25 | 0.16 | 147.0 | 5.0 | 148.3 | 3.602 |
| 0S47 | 187.33 | 0.05 | 187.29 | 0.02 | 187.02 | 0.17 | 144.0 | 5.0 | 146.9 | 3.606 |
| 0S48 | 184.21 | 0.05 | 184.18 | 0.02 | 183.89 | 0.17 | 139.0 | 5.0 | 145.7 | 3.611 |
| 0S49 | 181.16 | 0.05 | 181.16 | -0.00 | 180.86 | 0.17 | 136.0 | 5.0 | 144.4 | 3.615 |
| 0S50 | 178.28 | 0.05 | 178.24 | 0.02 | 177.92 | 0.20 | 133.0 | 5.0 | 143.2 | 3.620 |
| 0S51 | 175.36 | 0.05 | 175.40 | -0.02 | 175.07 | 0.17 | 134.0 | 5.0 | 142.1 | 3.624 |
| 0S52 | 172.59 | 0.05 | 172.65 | -0.04 | 172.31 | 0.16 | 136.0 | 5.0 | 140.9 | 3.629 |
| 0S53 | 169.99 | 0.05 | 169.98 | 0.00 | 169.63 | 0.21 | 139.0 | 5.0 | 139.9 | 3.633 |
| 0S54 | 167.41 | 0.05 | 167.39 | 0.01 | 167.03 | 0.22 | 136.0 | 5.0 | 138.8 | 3.637 |
| 0S55 | 164.88 | 0.05 | 164.88 | 0.00 | 164.51 | 0.23 | 134.0 | 5.0 | 137.8 | 3.641 |
| 0S56 | 162.42 | 0.05 | 162.44 | -0.01 | 162.05 | 0.22 | 133.0 | 5.0 | 136.9 | 3.645 |
| 0S57 | 160.11 | 0.05 | 160.06 | 0.03 | 159.67 | 0.28 | 131.0 | 5.0 | 135.9 | 3.649 |
| 0S58 | 157.75 | 0.05 | 157.76 | -0.00 | 157.35 | 0.25 |  |  | 135.0 | 3.653 |
| 0S59 | 155.38 | 0.05 | 155.51 | 0.09 | 155.10 | 0.18 |  |  | 134.1 | 3.656 |
| 0S60 | 153.24 | 0.05 | 153.33 | -0.06 | 152.91 | 0.22 |  |  | 133.3 | 3.660 |
| 0S61 | 151.19 | 0.05 | 151.20 | -0.01 | 150.77 | 0.28 |  |  | 132.5 | 3.663 |
| 0S62 | 149.16 | 0.05 | 149.13 | 0.02 | 148.69 | 0.31 |  |  | 131.7 | 3.667 |
| 0S63 | 147.14 | 0.05 | 147.12 | 0.02 | 146.67 | 0.32 |  |  | 130.9 | 3.670 |
| 0S64 | 144.96 | 0.09 | 145.15 | -0.13 | 144.70 | 0.18 |  |  | 130.2 | 3.673 |
| 0S66 | 141.22 | 0.09 | 141.37 | -0.11 | 140.91 | 0.22 |  |  | 128.9 | 3.679 |
| 0S67 | 139.73 | 0.11 | 139.56 | 0.12 | 139.08 | 0.46 |  |  | 128.2 | 3.682 |
| 0S68 | 137.94 | 0.11 | 137.78 | 0.12 | 137.30 | 0.47 |  |  | 127.6 | 3.685 |
| 0S69 | 136.19 | 0.12 | 136.05 | 0.10 | 135.57 | 0.46 |  |  | 127.0 | 3.688 |
| 0S70 | 134.48 | 0.12 | 134.36 | 0.09 | 133.87 | 0.45 |  |  | 126.4 | 3.691 |
| 0S71 | 132.79 | 0.13 | 132.71 | 0.06 | 132.21 | 0.43 |  |  | 125.8 | 3.694 |
| 0S72 | 131.14 | 0.13 | 131.10 | 0.03 | 130.60 | 0.41 |  |  | 125.3 | 3.696 |
| 0S73 | 129.50 | 0.13 | 129.53 | -0.03 | 129.02 | 0.37 |  |  | 124.8 | 3.699 |
| 0S74 | 127.89 | 0.12 | 127.99 | -0.08 | 127.48 | 0.32 |  |  | 124.3 | 3.702 |
| 0S75 | 126.29 | 0.11 | 126.49 | -0.16 | 125.97 | 0.25 |  |  | 123.8 | 3.704 |
| 0S76 | 125.04 | 0.30 | 125.03 | 0.01 | 124.50 | 0.43 | 127.0 | 15.0 | 123.4 | 3.707 |
| 0S80 | 119.51 | 0.30 | 119.47 | 0.03 | 118.93 | 0.48 |  |  | 121.8 | 3.717 |
| 0S85 | 113.22 | 0.30 | 113.17 | 0.04 | 112.61 | 0.53 |  |  | 120.3 | 3.728 |
| 0S90 | 107.54 | 0.30 | 107.48 | 0.05 | 106.91 | 0.58 |  |  | 119.1 | 3.739 |
| 0S100 | 97.73 | 0.30 | 97.63 | 0.10 | 97.05 | 0.70 |  |  | 118.0 | 3.758 |
| 0S105 | 93.46 | 0.40 | 93.34 | 0.13 | 92.75 | 0.76 |  |  | 117.9 | 3.768 |
| 0S110 | 89.54 | 0.50 | 89.40 | 0.15 | 88.81 | 0.81 |  |  | 118.1 | 3.776 |
| 0S115 | 85.91 | 0.60 | 85.77 | 0.16 | 85.18 | 0.85 |  |  | 118.6 | 3.784 |
| 0S120 | 82.57 | 0.60 | 82.42 | 0.19 | 81.83 | 0.90 |  |  | 119.3 | 3.792 |
| 0S125 | 79.49 | 0.70 | 79.31 | 0.22 | 78.73 | 0.96 |  |  | 120.3 | 3.799 |
| 0S130 | 76.60 | 0.70 | 76.43 | 0.23 | 75.84 | 0.99 |  |  | 121.4 | 3.806 |
| 0S135 | 73.93 | 0.80 | 73.74 | 0.26 | 73.16 | 1.04 |  |  | 122.8 | 3.812 |
| 0S140 | 71.43 | 0.80 | 71.23 | 0.28 | 70.66 | 1.09 |  |  | 124.3 | 3.817 |
| 0S145 | 69.10 | 0.80 | 68.89 | 0.31 | 68.32 | 1.13 |  |  | 126.1 | 3.822 |
| 0S150 | 66.90 | 0.80 | 66.69 | 0.32 | 66.13 | 1.16 |  |  | 128.0 | 3.827 |
| 0S155 | 64.85 | 0.80 | 64.62 | 0.34 | 64.07 | 1.20 |  |  | 130.1 | 3.831 |
| 0S160 | 62.91 | 0.80 | 62.68 | 0.36 | 62.13 | 1.23 |  |  | 132.3 | 3.834 |
| 0S165 | 61.08 | 0.80 | 60.85 | 0.38 | 60.31 | 1.27 |  |  | 134.8 | 3.837 |
|  |  |  |  |  |  |  |  |  |  |  |
| 1S2 | 1470.85 | 0.80 | 1470.98 | -0.01 | 1471.32 | -0.03 |  |  | 310.3 | 10.913 |
| 1S3 | 1063.96 | 0.11 | 1064.04 | -0.01 | 1064.36 | -0.04 |  |  | 282.7 | 9.881 |
| 1S4 | 852.67 | 0.05 | 852.63 | 0.00 | 852.84 | -0.02 |  |  | 271.7 | 8.712 |
| 1S5 | 730.56 | 0.06 | 729.79 | 0.11 | 729.83 | 0.10 |  |  | 291.9 | 6.975 |
| 1S6 | 657.61 | 0.05 | 657.02 | 0.09 | 657.00 | 0.09 |  |  | 345.7 | 5.472 |
| 1S7 | 603.92 | 0.05 | 604.05 | -0.02 | 604.05 | -0.02 | 484.0 | 17.6 | 372.2 | 5.464 |
| 1S8 | 556.03 | 0.07 | 555.77 | 0.05 | 555.78 | 0.04 |  |  | 379.4 | 6.170 |
| 1S9 | 509.96 | 0.05 | 509.23 | 0.14 | 509.23 | 0.14 |  |  | 380.3 | 7.039 |
| 1S10 | 465.46 | 0.06 | 465.46 | 0.00 | 465.45 | 0.00 |  |  | 378.3 | 7.745 |
| 1S16 | 299.57 | 0.05 | 299.53 | 0.01 | 299.52 | 0.02 |  |  | 165.9 | 6.363 |
| 1S17 | 286.22 | 0.07 | 286.22 |  | 286.19 | 0.01 |  |  | 158.5 | 6.094 |
| 1S19 | 263.63 | 0.07 | 263.59 | 0.02 | 263.52 | 0.04 |  |  | 155.6 | 5.921 |
| 1S20 | 253.97 | 0.07 | 253.72 | 0.10 | 253.63 | 0.13 |  |  | 155.4 | 5.879 |
| 1S22 | 236.21 | 0.07 | 236.17 | 0.02 | 236.06 | 0.06 |  |  | 155.8 | 5.822 |
| 1S23 | 228.42 | 0.09 | 228.33 | 0.04 | 228.21 | 0.09 |  |  | 156.1 | 5.798 |
| 1S24 | 220.99 | 0.07 | 221.02 | -0.10 | 220.89 | 0.05 |  |  | 156.5 | 5.774 |
| 1S26 | 207.71 | 0.07 | 207.80 | -0.04 | 207.65 | 0.03 |  |  | 157.0 | 5.725 |
| 1S27 | 201.70 | 0.07 | 201.80 | -0.05 | 201.64 | 0.03 |  |  | 157.2 | 5.697 |
| 1S28 | 196.31 | 0.07 | 196.17 | 0.07 | 196.00 | 0.16 |  |  | 157.2 | 5.668 |
| 1S35 | 164.60 | 0.10 | 164.78 | -0.11 | 164.55 | 0.03 |  |  | 153.9 | 5.402 |
| 1S36 | 161.38 | 0.05 | 161.20 | 0.11 | 160.97 | 0.26 |  |  | 153.0 | 5.358 |
| 1S37 | 157.67 | 0.10 | 157.80 | -0.88 | 157.56 | 0.26 |  |  | 152.0 | 5.313 |
| 1S38 | 154.73 | 0.05 | 154.57 | 0.10 | 154.32 | 0.20 |  |  | 150.9 | 5.267 |
| 1S39 | 151.64 | 0.07 | 151.50 | 0.09 | 151.24 | 0.19 |  |  | 149.7 | 5.221 |
| 1S40 | 148.61 | 0.07 | 148.57 | 0.03 | 148.31 | 0.20 |  |  | 148.5 | 5.175 |
| 1S41 | 145.78 | 0.05 | 145.77 | 0.00 | 145.51 | 0.19 |  |  | 147.2 | 5.130 |
| 1S42 | 143.12 | 0.07 | 143.11 | 0.01 | 142.83 | 0.20 |  |  | 145.9 | 5.085 |
| 1S43 | 140.61 | 0.07 | 140.56 | 0.04 | 140.27 | 0.24 |  |  | 144.6 | 5.041 |
| 1S44 | 138.25 | 0.09 | 138.12 | 0.10 | 137.83 | 0.30 |  |  | 143.3 | 4.998 |
| 1S50 | 125.33 | 0.10 | 125.41 | -0.07 | 125.10 | 0.18 |  |  | 135.8 | 4.773 |
| 1S52 | 121.87 | 0.05 | 121.79 | 0.06 | 121.46 | 0.33 |  |  | 133.6 | 4.712 |
| 1S53 | 120.00 | 0.05 | 120.07 | -0.06 | 119.74 | 0.22 |  |  | 132.5 | 4.684 |
| 1S54 | 118.50 | 0.10 | 118.40 | 0.08 | 118.08 | 0.36 |  |  | 131.5 | 4.658 |
| 1S55 | 116.81 | 0.13 | 116.79 | 0.01 | 116.46 | 0.30 |  |  | 130.5 | 4.634 |
| 1S56 | 115.32 | 0.10 | 115.24 | 0.07 | 114.90 | 0.36 |  |  | 129.6 | 4.611 |
| 1S58 | 112.25 | 0.10 | 112.26 | -0.01 | 111.93 | 0.29 |  |  | 127.9 | 4.571 |
| 1S59 | 110.91 | 0.10 | 110.84 | 0.06 | 110.51 | 0.37 |  |  | 127.1 | 4.553 |
| 1S75 | 92.48 | 0.10 | 92.51 | -0.04 | 92.20 | 0.31 |  |  | 119.1 | 4.399 |
|  |  |  |  |  |  |  |  |  |  |  |
| 2S4 | 724.87 | 0.05 | 725.08 | -0.03 | 725.36 | -0.07 | 350.0 | 5.0 | 380.2 | 5.336 |
| 2S5 | 660.41 | 0.05 | 660.12 | 0.04 | 660.55 | -0.02 |  |  | 302.2 | 6.005 |
| 2S6 | 594.80 | 0.05 | 594.96 | -0.03 | 595.44 | -0.11 |  |  | 237.9 | 7.201 |
| 2S8 | 488.18 | 0.05 | 488.00 | 0.04 | 488.36 | -0.04 |  |  | 197.7 | 7.285 |
| 2S9 | 448.35 | 0.05 | 448.69 | -0.08 | 449.00 | -0.14 |  |  | 188.2 | 7.069 |
| 2S10 | 415.92 | 0.05 | 416.17 | -0.06 | 416.42 | -0.12 |  |  | 181.2 | 6.858 |
| 2S12 | 365.13 | 0.05 | 365.33 | -0.06 | 365.50 | -0.10 |  |  | 173.3 | 6.536 |
| 2S13 | 344.72 | 0.05 | 344.85 | -0.04 | 344.97 | -0.07 |  |  | 174.3 | 6.481 |
| 2S14 | 326.59 | 0.05 | 326.42 | 0.05 | 326.51 | 0.03 |  |  | 188.0 | 6.685 |
| 2S15 | 308.42 | 0.05 | 308.56 | -0.04 | 308.60 | -0.06 | 244.0 | 20.0 | 258.1 | 7.645 |
| 2S26 | 179.24 | 0.05 | 179.13 | 0.06 | 179.40 | -0.09 |  |  | 194.2 | 6.568 |
| 2S27 | 174.03 | 0.05 | 174.07 | -0.02 | 174.33 | -0.17 |  |  | 188.1 | 6.451 |
| 2S28 | 169.29 | 0.05 | 169.32 | -0.02 | 169.58 | -0.17 |  |  | 185.4 | 6.414 |
| 2S29 | 164.74 | 0.05 | 164.85 | -0.07 | 165.09 | -0.21 |  |  | 183.1 | 6.384 |
| 2S30 | 160.53 | 0.05 | 160.63 | -0.06 | 160.86 | -0.20 |  |  | 181.0 | 6.353 |
| 2S31 | 156.68 | 0.05 | 156.64 | -0.04 | 156.85 | -0.17 |  |  | 179.1 | 6.322 |
| 2S33 | 149.27 | 0.05 | 149.28 | -0.01 | 149.46 | -0.13 |  |  | 175.5 | 6.256 |
| 2S34 | 145.95 | 0.05 | 145.88 | 0.05 | 146.05 | -0.07 |  |  | 173.9 | 6.222 |
| 2S36 | 139.58 | 0.05 | 139.57 | 0.01 | 139.71 | -0.09 |  |  | 171.0 | 6.153 |
| 2S37 | 136.66 | 0.05 | 136.64 | 0.02 | 136.76 | -0.07 |  |  | 169.8 | 6.118 |
| 2S38 | 133.88 | 0.05 | 133.85 | 0.02 | 133.96 | -0.06 |  |  | 168.6 | 6.082 |
| 2S39 | 131.10 | 0.05 | 131.18 | -0.06 | 131.28 | -0.13 | 179.0 | 20.0 | 167.5 | 6.047 |
| 2S40 | 128.57 | 0.05 | 128.64 | -0.05 | 128.72 | -0.11 |  |  | 166.5 | 6.013 |
| 2S42 | 123.84 | 0.05 | 123.87 | -0.02 | 123.92 | -0.06 |  |  | 164.8 | 5.944 |
| 2S43 | 121.65 | 0.05 | 121.63 | 0.01 | 121.67 | -0.02 |  |  | 164.0 | 5.910 |
| 2S44 | 119.49 | 0.05 | 119.49 | 0.00 | 119.52 | -0.02 |  |  | 163.3 | 5.877 |
| 2S45 | 117.34 | 0.05 | 117.43 | -0.08 | 117.45 | -0.09 |  |  | 162.6 | 5.844 |
| 2S48 | 111.87 | 0.20 | 111.73 | 0.13 | 111.71 | 0.14 |  |  | 160.8 | 5.745 |
| 2S49 | 110.07 | 0.20 | 109.96 | 0.10 | 109.94 | 0.12 |  |  | 160.3 | 5.713 |
| 2S50 | 108.37 | 0.20 | 108.27 | 0.10 | 108.23 | 0.13 |  |  | 159.7 | 5.680 |
| 2S51 | 106.71 | 0.20 | 106.63 | 0.07 | 106.59 | 0.11 |  |  | 159.2 | 5.647 |
| 2S58 | 96.61 | 0.20 | 96.65 | -0.04 | 96.57 | 0.05 |  |  | 155.1 | 5.405 |
| 2S60 | 94.14 | 0.20 | 94.20 | -0.06 | 94.11 | 0.03 | 151.0 | 20.0 | 153.8 | 5.333 |
| 2S64 | 89.66 | 0.20 | 89.75 | -0.10 | 89.64 | 0.02 |  |  | 151.0 | 5.188 |
| 2S65 | 88.65 | 0.20 | 88.72 | -0.07 | 88.61 | 0.05 |  |  | 150.3 | 5.152 |
| 2S66 | 87.66 | 0.20 | 87.71 | -0.06 | 87.60 | 0.07 |  |  | 149.6 | 5.118 |
| 2S71 | 82.97 | 0.20 | 83.12 | -0.18 | 83.00 | -0.03 |  |  | 146.1 | 4.956 |
| 2S74 | 80.53 | 0.20 | 80.65 | -0.14 | 80.52 | 0.01 |  |  | 144.2 | 4.872 |
| 2S76 | 78.89 | 0.20 | 79.10 | -0.26 | 78.97 | -0.10 |  |  | 143.1 | 4.823 |
|  |  |  |  |  |  |  |  |  |  |  |
| 3S1 | 1058.10 | 0.08 | 1059.40 | -0.12 | 1059.45 | -0.13 | 1020.0 | 20.1 | 826.9 | 7.951 |
| 3S2 | 904.30 | 0.05 | 904.60 | 0.03 | 904.10 | 0.02 |  |  | 366.6 | 7.586 |
| 3S6 | 392.34 | 0.05 | 392.21 | 0.03 | 392.30 | 0.01 |  |  | 275.5 | 5.572 |
| 3S8 | 354.41 | 0.05 | 354.66 | -0.07 | 354.79 | -0.11 |  |  | 263.6 | 5.297 |
| 3S9 | 338.97 | 0.05 | 338.80 | 0.05 | 338.96 | 0.00 |  |  | 258.7 | 5.292 |
| 3S11 | 310.45 | 0.05 | 310.44 | 0.00 | 310.64 | 0.06 |  |  | 249.9 | 5.542 |
| 3S12 | 297.45 | 0.05 | 297.44 | 0.01 | 297.66 | -0.07 |  |  | 245.4 | 5.723 |
| 3S13 | 285.10 | 0.05 | 285.11 | -0.00 | 285.35 | -0.09 |  |  | 240.9 | 5.902 |
| 3S14 | 273.33 | 0.05 | 273.44 | -0.04 | 273.70 | -0.14 |  |  | 236.2 | 6.603 |
| 3S15 | 262.42 | 0.05 | 262.44 | -0.01 | 262.71 | -0.11 |  |  | 231.5 | 6.197 |
| 3S16 | 252.17 | 0.05 | 252.09 | 0.03 | 252.38 | -0.08 |  |  | 226.9 | 6.303 |
| 3S17 | 242.46 | 0.05 | 242.39 | 0.03 | 242.69 | -0.09 |  |  | 222.4 | 6.382 |
| 3S18 | 233.25 | 0.05 | 233.32 | -0.03 | 233.63 | -0.16 |  |  | 218.1 | 6.438 |
| 3S19 | 224.99 | 0.05 | 224.85 | 0.06 | 225.15 | -0.07 |  |  | 213.9 | 6.476 |
| 3S20 | 216.99 | 0.05 | 216.93 | 0.03 | 217.24 | -0.11 | 229.0 | 20.0 | 210.1 | 6.498 |
| 3S21 | 209.63 | 0.05 | 209.53 | 0.05 | 209.84 | -0.10 |  |  | 206.4 | 6.509 |
| 3S22 | 202.69 | 0.05 | 202.61 | 0.04 | 202.92 | -0.11 |  |  | 203.0 | 6.512 |
| 3S23 | 196.18 | 0.06 | 196.14 | 0.02 | 196.44 | -0.13 |  |  | 200.1 | 6.511 |
| 3S24 | 190.07 | 0.05 | 190.07 | 0.00 | 190.35 | -0.15 |  |  | 198.0 | 6.516 |
| 3S25 | 184.32 | 0.05 | 184.32 | 0.00 | 184.56 | -0.13 |  |  | 207.0 | 6.708 |
| 3S41 | 113.35 | 0.05 | 113.38 | -0.03 | 113.50 | -0.14 |  |  | 227.3 | 6.261 |
| 3S42 | 111.41 | 0.05 | 111.41 | 0.00 | 111.53 | -0.11 |  |  | 224.5 | 6.232 |
| 3S43 | 109.42 | 0.06 | 109.51 | -0.08 | 109.64 | -0.02 |  |  | 221.8 | 6.204 |
| 3S44 | 107.77 | 0.05 | 107.68 | 0.08 | 107.81 | -0.04 |  |  | 219.1 | 6.178 |
| 3S45 | 106.00 | 0.06 | 105.92 | 0.08 | 106.50 | -0.05 |  |  | 216.6 | 6.153 |
| 3S46 | 104.20 | 0.10 | 104.23 | -0.03 | 104.36 | -0.15 |  |  | 214.1 | 6.130 |
| 3S47 | 102.51 | 0.06 | 102.59 | -0.08 | 102.72 | -0.21 |  |  | 211.7 | 6.108 |
| 3S48 | 101.08 | 0.05 | 101.01 | 0.07 | 101.14 | -0.06 |  |  | 209.4 | 6.087 |
| 3S49 | 99.46 | 0.08 | 99.48 | -0.02 | 99.61 | -0.15 |  |  | 207.3 | 6.066 |
| 3S50 | 97.99 | 0.05 | 98.00 | -0.01 | 98.13 | -0.14 |  |  | 205.2 | 6.046 |
| 3S53 | 93.73 | 0.06 | 93.85 | -0.13 | 93.97 | -0.26 |  |  | 199.7 | 5.989 |
| 3S56 | 90.10 | 0.05 | 90.07 | 0.04 | 90.17 | -0.08 |  |  | 195.1 | 5.933 |
| 3S57 | 88.83 | 0.05 | 88.88 | -0.06 | 88.98 | -0.17 |  |  | 193.8 | 5.915 |
| 3S58 | 87.65 | 0.05 | 87.73 | -0.09 | 87.82 | -0.20 |  |  | 192.6 | 5.897 |
| 3S63 | 82.38 | 0.10 | 82.43 | -0.06 | 82.50 | -0.14 |  |  | 187.7 | 5.815 |
| 3S67 | 78.76 | 0.10 | 78.68 | 0.11 | 78.72 | 0.05 |  |  | 185.1 | 5.757 |
| 3S70 | 76.11 | 0.10 | 76.10 | 0.01 | 76.13 | -0.03 |  |  | 183.7 | 5.717 |
| 3S73 | 73.78 | 0.10 | 73.10 | 0.11 | 73.72 | 0.08 |  |  | 182.4 | 5.676 |
|  |  |  |  |  |  |  |  |  |  |  |
| 4S2 | 580.81 | 0.12 | 580.62 | 0.03 | 580.59 | 0.04 |  |  | 434.2 | 13.261 |
| 4S3 | 489.04 | 0.07 | 488.05 | 0.20 | 488.02 | 0.21 |  |  | 480.2 | 13.386 |
| 4S4 | 439.17 | 0.11 | 438.68 | 0.11 | 438.73 | 0.10 |  |  | 290.2 | 5.018 |
| 4S5 | 414.62 | 0.06 | 414.69 | -0.02 | 414.76 | -0.03 |  |  | 282.4 | 5.534 |
| 4S9 | 269.63 | 0.05 | 269.63 | -0.00 | 269.61 | 0.01 |  |  | 339.0 | 6.613 |
| 4S10 | 258.75 | 0.05 | 258.76 | -0.11 | 258.76 | -0.00 |  |  | 302.4 | 5.975 |
| 4S11 | 249.38 | 0.05 | 249.35 | 0.01 | 249.36 | 0.01 |  |  | 284.6 | 5.744 |
| 4S12 | 240.78 | 0.05 | 240.79 | -0.00 | 240.82 | -0.01 |  |  | 274.5 | 5.681 |
| 4S13 | 232.75 | 0.05 | 232.82 | -0.03 | 232.85 | -0.04 |  |  | 268.2 | 5.713 |
| 4S14 | 225.08 | 0.05 | 225.27 | -0.08 | 225.31 | -0.10 | 288.0 | 20.0 | 264.3 | 5.804 |
| 4S15 | 218.19 | 0.05 | 218.07 | 0.05 | 218.11 | 0.03 |  |  | 261.8 | 5.930 |
| 4S16 | 211.24 | 0.05 | 211.16 | 0.04 | 211.21 | 0.02 |  |  | 260.3 | 6.071 |
| 4S17 | 204.66 | 0.05 | 204.53 | 0.06 | 204.58 | 0.04 |  |  | 259.5 | 6.212 |
| 4S18 | 198.16 | 0.05 | 198.16 | -0.00 | 198.22 | -0.03 |  |  | 259.1 | 6.343 |
| 4S19 | 191.96 | 0.05 | 192.07 | -0.06 | 192.13 | -0.09 | 291.0 | 20.0 | 258.9 | 6.457 |
| 4S20 | 186.33 | 0.05 | 186.25 | 0.04 | 186.31 | 0.01 |  |  | 258.9 | 6.552 |
| 4S24 | 165.68 | 0.05 | 165.67 | 0.01 | 165.74 | -0.03 |  |  | 258.8 | 6.735 |
| 4S30 | 141.97 | 0.05 | 141.97 | 0.00 | 142.05 | -0.05 |  |  | 253.9 | 6.651 |
| 4S31 | 138.72 | 0.05 | 138.70 | 0.02 | 138.78 | -0.05 | 264.0 | 20.0 | 252.3 | 6.618 |
| 4S32 | 135.65 | 0.05 | 135.59 | 0.04 | 135.68 | -0.02 |  |  | 250.5 | 6.583 |
| 4S34 | 129.87 | 0.05 | 129.83 | 0.03 | 129.92 | -0.04 | 234.0 | 20.0 | 246.2 | 6.509 |
| 4S35 | 127.18 | 0.05 | 127.15 | 0.02 | 127.25 | -0.05 | 246.0 | 20.0 | 243.8 | 6.471 |
| 4S36 | 124.66 | 0.05 | 124.59 | 0.06 | 124.69 | -0.02 |  |  | 241.2 | 6.433 |
| 4S37 | 122.22 | 0.05 | 122.15 | 0.05 | 122.26 | -0.03 |  |  | 238.5 | 6.396 |
| 4S38 | 119.87 | 0.05 | 119.82 | 0.05 | 119.93 | -0.05 |  |  | 235.8 | 6.360 |
| 4S39 | 117.65 | 0.05 | 117.58 | 0.06 | 117.69 | -0.04 |  |  | 233.0 | 6.325 |
| 4S40 | 115.42 | 0.05 | 115.44 | -0.01 | 115.55 | -0.11 |  |  | 230.7 | 6.305 |
| 4S63 | 76.65 | 0.10 | 76.67 | -0.03 | 76.69 | -0.05 |  |  | 237.4 | 6.221 |
|  |  |  |  |  |  |  |  |  |  |  |
| 5S3 | 460.78 | 0.05 | 460.90 | -0.03 | 460.94 | -0.03 |  |  | 292.4 | 3.870 |
| 5S4 | 420.36 | 0.05 | 420.25 | 0.03 | 420.20 | 0.04 |  |  | 489.1 | 13.233 |
| 5S5 | 369.92 | 0.05 | 369.91 | 0.00 | 369.84 | 0.02 |  |  | 502.5 | 12.722 |
| 5S6 | 332.11 | 0.05 | 332.15 | -0.01 | 332.07 | 0.01 |  |  | 506.3 | 11.853 |
| 5S7 | 303.98 | 0.05 | 303.88 | 0.03 | 303.79 | 0.06 | 496.0 | 20.0 | 492.8 | 10.458 |
| 5S8 | 283.56 | 0.05 | 283.64 | 0.03 | 283.57 | -0.00 |  |  | 418.2 | 8.272 |
| 5S11 | 224.45 | 0.05 | 224.39 | -0.03 | 224.25 | 0.09 |  |  | 374.7 | 9.735 |
| 5S13 | 203.09 | 0.05 | 203.07 | 0.01 | 202.91 | 0.09 |  |  | 386.1 | 8.850 |
| 5S14 | 194.61 | 0.05 | 194.68 | -0.03 | 194.52 | 0.05 |  |  | 371.6 | 8.118 |
| 5S19 | 166.78 | 0.05 | 166.79 | -0.00 | 166.73 | 0.03 |  |  | 284.7 | 6.399 |
| 5S20 | 162.45 | 0.05 | 162.44 | 0.00 | 162.40 | 0.03 |  |  | 279.4 | 6.415 |
| 5S23 | 150.57 | 0.05 | 150.58 | -0.00 | 150.54 | 0.02 |  |  | 268.8 | 6.516 |
| 5S24 | 146.98 | 0.05 | 146.96 | 0.01 | 146.93 | 0.03 |  |  | 265.9 | 6.534 |
| 5S25 | 143.59 | 0.05 | 143.52 | 0.05 | 143.48 | 0.08 |  |  | 263.0 | 6.540 |
| 5S26 | 140.25 | 0.05 | 140.23 | 0.02 | 140.19 | 0.04 |  |  | 260.0 | 6.532 |
| 5S27 | 137.12 | 0.05 | 137.09 | 0.02 | 137.05 | 0.05 |  |  | 257.0 | 6.513 |
| 5S28 | 134.08 | 0.05 | 134.10 | -0.02 | 134.06 | 0.01 |  |  | 253.9 | 6.485 |
| 5S29 | 131.18 | 0.05 | 131.25 | -0.06 | 131.21 | -0.03 |  |  | 250.8 | 6.452 |
| 5S30 | 128.49 | 0.05 | 128.54 | -0.03 | 128.50 | -0.00 | 248.0 | 20.0 | 247.9 | 6.418 |
| 5S31 | 125.90 | 0.05 | 125,94 | -0.03 | 125.91 | -0.01 |  |  | 245.1 | 6.386 |
| 5S32 | 123.40 | 0.05 | 123.46 | -0.05 | 123.43 | -0.02 |  |  | 242.6 | 6.357 |
| 5S33 | 121.02 | 0.05 | 121.09 | -0.05 | 121.06 | -0.03 |  |  | 240.4 | 6.335 |
| 5S34 | 118.76 | 0.05 | 118.81 | -0.05 | 118.78 | -0.02 |  |  | 238.6 | 6.320 |
| 5S35 | 116.65 | 0.05 | 116.62 | 0.02 | 116.59 | 0.05 |  |  | 237.1 | 6.312 |
| 5S36 | 114.57 | 0.05 | 114.52 | 0.04 | 114.49 | 0.07 |  |  | 236.0 | 6.310 |
| 5S37 | 112.55 | 0.05 | 112.48 | 0.06 | 112.45 | 0.09 |  |  | 235.3 | 6.315 |
| 5S38 | 110.57 | 0.05 | 110.52 | 0.05 | 110.49 | 0.08 | 223.0 | 20.0 | 234.9 | 6.325 |
| 5S39 | 108.66 | 0.05 | 108.52 | 0.04 | 108.59 | 0.07 |  |  | 234.8 | 6.339 |
| 5S40 | 106.84 | 0.05 | 106.77 | 0.06 | 106.75 | 0.08 |  |  | 234.9 | 6.355 |
| 5S41 | 105.06 | 0.05 | 104.99 | 0.07 | 104.97 | 0.09 |  |  | 235.3 | 6.372 |
| 5S42 | 103.36 | 0.05 | 103.26 | 0.10 | 103.24 | 0.12 |  |  | 235.9 | 6.389 |
| 5S43 | 101.69 | 0.05 | 101.58 | 0.11 | 101.56 | 0.12 |  |  | 236.5 | 6.406 |
| 5S44 | 100.09 | 0.05 | 99.95 | 0.14 | 99.94 | 0.15 |  |  | 237.3 | 6.421 |
| 5S45 | 98.45 | 0.05 | 98.37 | 0.08 | 98.36 | 0.09 |  |  | 238.1 | 6.434 |
| 5S46 | 97.01 | 0.05 | 96.84 | 0.18 | 96.83 | 0.19 |  |  | 239.0 | 6.445 |
| 5S47 | 95.51 | 0.05 | 95.35 | 0.17 | 95.34 | 0.18 |  |  | 239.8 | 6.453 |
| 5S51 | 89.91 | 0.05 | 89.82 | 0.10 | 89.81 | 0.11 |  |  | 242.3 | 6.455 |
|  |  |  |  |  |  |  |  |  |  |  |
| 6S9 | 252.63 | 0.07 | 252.19 | 0.18 | 252.10 | 0.21 | 292.0 | 20.0 | 320.6 | 9.638 |
| 6S14 | 185.15 | 0.05 | 184.84 | 0.17 | 184.80 | 0.19 |  |  | 259.3 | 7.368 |
| 6S15 | 178.76 | 0.07 | 178.49 | 0.15 | 178.41 | 0.19 |  |  | 272.2 | 8.002 |
| 6S16 | 172.29 | 0.05 | 172.16 | 0.07 | 172.05 | 0.14 |  |  | 287.9 | 8.418 |
| 6S17 | 166.09 | 0.06 | 166.08 | 0.01 | 165.93 | 0.10 |  |  | 300.8 | 8.571 |
| 6S18 | 160.46 | 0.07 | 160.37 | 0.05 | 160.20 | 0.16 |  |  | 309.0 | 8.540 |
| 6S19 | 155.08 | 0.05 | 155.10 | -0.01 | 154.91 | 0.11 |  |  | 312.7 | 8.389 |
| 6S20 | 150.13 | 0.05 | 150.28 | -O.10 | 150.07 | 0.04 |  |  | 312.2 | 8.158 |
| 6S21 | 145.75 | 0.05 | 145.88 | -0.09 | 145.67 | 0.05 |  |  | 308.0 | 7.875 |
| 6S22 | 141.87 | 0.05 | 141.88 | -0.01 | 141.67 | 0.14 |  |  | 300.8 | 7.572 |
| 6S23 | 138.23 | 0.05 | 138.24 | -0.01 | 138.03 | 0.15 |  |  | 292.0 | 7.288 |
| 6S24 | 134.82 | 0.05 | 134.90 | -0.06 | 134.69 | 0.09 |  |  | 282.9 | 7.053 |
| 6S25 | 131.80 | 0.05 | 131.80 | -0.00 | 131.61 | 0.15 |  |  | 274.7 | 6.882 |
| 6S26 | 128.79 | 0.05 | 128.90 | -0.09 | 128.72 | 0.06 |  |  | 267.9 | 6.771 |
| 6S27 | 125.96 | 0.05 | 126.16 | -0.16 | 125.99 | -0.02 |  |  | 262.4 | 6.707 |
| 6S28 | 123.49 | 0.05 | 123.55 | -0.05 | 123.39 | 0.08 |  |  | 258.3 | 6.677 |
| 6S29 | 121.01 | 0.05 | 121.06 | -O.04 | 120.90 | 0.09 |  |  | 255.2 | 6.669 |
| 6S30 | 118.75 | 0.07 | 118.66 | 0.07 | 118.51 | 0.20 |  |  | 253.0 | 6.673 |
| 6S31 | 116.40 | 0.07 | 116.36 | 0.04 | 116.21 | 0.16 |  |  | 251.5 | 6.684 |
| 6S33 | 112.06 | 0.07 | 111.99 | 0.06 | 111.85 | 0.18 |  |  | 250.0 | 6.708 |
| 6S34 | 109.90 | 0.07 | 109.92 | -0.02 | 109.79 | 0.10 |  |  | 249.7 | 6.716 |
| 6S35 | 107.96 | 0.07 | 107.93 | 0.03 | 107.80 | 0.15 |  |  | 249.6 | 6.720 |
| 6S36 | 106.06 | 0.07 | 106.01 | 0.05 | 105.88 | 0.17 |  |  | 249.6 | 6.718 |
| 6S37 | 104.18 | 0.07 | 104.15 | 0.02 | 104.03 | 0.14 |  |  | 249.7 | 6.711 |
| 6S38 | 102.38 | 0.07 | 102.37 | 0.01 | 102.24 | 0.13 |  |  | 249.7 | 6.698 |
| 6S39 | 100.68 | 0.07 | 100.64 | 0.04 | 100.52 | 0.16 |  |  | 249.7 | 6.680 |
| 6S40 | 98.97 | 0.07 | 98.98 | -0.01 | 98.86 | 0.11 |  |  | 249.6 | 6.657 |
| 6S42 | 95.80 | 0.07 | 95.84 | -0.04 | 95.72 | 0.09 |  |  | 249.1 | 6.598 |
| 6S43 | 94.32 | 0.07 | 94.35 | -0.03 | 94.23 | 0.10 |  |  | 248.6 | 6.563 |
| 6S48 | 87.62 | 0.07 | 87.66 | -0.05 | 87.55 | 0.08 |  |  | 244.7 | 6.360 |
| 6S49 | 86.41 | 0.07 | 86.46 | -0.06 | 86.35 | 0.07 |  |  | 243.8 | 6.321 |
| 6S51 | 84.07 | 0.07 | 84.17 | -0.12 | 84.06 | 0.01 |  |  | 241.9 | 6.251 |
| 6S52 | 82.99 | 0.07 | 83.08 | -0.11 | 82.97 | 0.02 |  |  | 241.1 | 6.222 |
| 6S53 | 81.93 | 0.07 | 82.02 | -0.11 | 81.92 | 0.02 |  |  | 240.4 | 6.198 |
| 6S55 | 79.95 | 0.07 | 79.99 | -0.06 | 79.90 | 0.07 |  |  | 239.2 | 6.164 |
| 6S56 | 78.92 | 0.07 | 79.02 | -0.13 | 78.93 | -0.01 |  |  | 238.9 | 6.156 |
| 6S57 | 77.97 | 0.07 | 78.07 | -0.13 | 77.98 | -0.01 |  |  | 238.7 | 6.152 |
| 6S58 | 77.11 | 0.07 | 77.14 | -0.04 | 77.06 | 0.07 |  |  | 238.7 | 6.153 |
| 6S59 | 76.20 | 0.07 | 76.24 | -0.05 | 76.16 | 0.06 |  |  | 238.8 | 6.158 |
| 6S60 | 75.33 | 0.07 | 75.35 | -0.03 | 75.28 | 0.07 |  |  | 239.0 | 6.167 |
| 6S61 | 74.46 | 0.07 | 74.49 | -0.03 | 74.41 | 0.06 |  |  | 239.4 | 6.179 |
|  |  |  |  |  |  |  |  |  |  |  |
| 7S2 | 397.37 | 0.05 | 397.25 | 0.03 | 397.22 | 0.04 |  |  | 341.4 | 15.311 |
| 7S4 | 293.25 | 0.05 | 292.98 | 0.09 | 292.94 | 0.11 |  |  | 333.8 | 7.703 |
| 7S5 | 273.43 | 0.05 | 273.24 | 0.07 | 273.20 | 0.09 |  |  | 477.4 | 11.638 |
| 7S6 | 252.66 | 0.05 | 252.61 | 0.02 | 252.56 | 0.04 |  |  | 504.3 | 12.075 |
| 7S7 | 236.04 | 0.05 | 235.97 | 0.03 | 235.93 | 0.05 |  |  | 415.1 | 10.086 |
| 7S8 | 224.36 | 0.10 | 224.59 | -0.10 | 224.56 | -0.09 |  |  | 321.5 | 7.366 |
| 7S9 | 216.62 | 0.10 | 216.55 | 0.03 | 216.52 | 0.04 |  |  | 281.9 | 6.167 |
| 7S10 | 209.42 | 0.10 | 209.74 | -0.15 | 209.72 | -0.15 |  |  | 266.3 | 5.938 |
| 7S11 | 203.09 | 0.10 | 203.38 | -0.14 | 203.36 | -0.13 |  |  | 258.4 | 6.046 |
| 7S12 | 197.12 | 0.10 | 197.20 | -0.04 | 197.18 | -0.03 |  |  | 254.1 | 6.314 |
| 7S18 | 147.82 | 0.07 | 147.79 | 0.02 | 147.76 | 0.04 |  |  | 241.0 | 6.144 |
| 7S20 | 141.23 | 0.07 | 141.20 | 0.02 | 141.17 | 0.04 |  |  | 239.2 | 6.507 |
| 7S21 | 138.06 | 0.07 | 137.98 | 0.06 | 137.93 | 0.09 |  |  | 240.1 | 6.743 |
| 7S22 | 134.81 | 0.07 | 134.78 | 0.02 | 134.73 | 0.06 |  |  | 242.3 | 6.992 |
| 7S24 | 128.57 | 0.07 | 128.53 | 0.03 | 128.44 | 0.10 |  |  | 249.2 | 7.394 |
| 7S25 | 125.48 | 0.07 | 125.52 | -0.04 | 125.42 | 0.05 |  |  | 252.5 | 7.507 |
| 7S28 | 117.21 | 0.07 | 117.18 | 0.02 | 117.03 | 0.15 |  |  | 258.0 | 7.549 |
| 7S29 | 114.65 | 0.07 | 114.65 | -0.00 | 114.49 | 0.14 |  |  | 258.4 | 7.509 |
| 7S30 | 112.16 | 0.07 | 112.24 | -0.07 | 112.08 | 0.07 |  |  | 258.4 | 7.459 |
| 7S35 | 101.74 | 0.07 | 101.78 | -0.04 | 101.61 | 0.13 |  |  | 255.9 | 7.188 |
| 7S36 | 99.98 | 0.07 | 99.96 | 0.02 | 99.79 | 0.19 |  |  | 255.3 | 7.137 |
| 7S37 | 98.19 | 0.07 | 98.21 | -0.02 | 98.05 | 0.15 |  |  | 254.7 | 7.087 |
| 7S38 | 96.51 | 0.07 | 96.54 | -0.03 | 96.37 | 0.14 |  |  | 254.1 | 7.038 |
| 7S39 | 94.89 | 0.07 | 94.93 | -0.04 | 94.77 | 0.13 |  |  | 253.6 | 6.990 |
| 7S43 | 88.99 | 0.07 | 89.09 | -0.11 | 88.91 | 0.05 |  |  | 251.9 | 6.828 |
| 7S45 | 86.37 | 0.07 | 86.47 | -0.11 | 86.33 | 0.05 |  |  | 251.6 | 6.770 |
| 7S46 | 85.13 | 0.07 | 85.22 | -0.11 | 85.09 | 0.05 |  |  | 251.5 | 6.748 |
| 7S48 | 82.76 | 0.07 | 82.84 | -0.10 | 82.72 | 0.04 |  |  | 251.8 | 6.716 |
| 7S55 | 75.53 | 0.07 | 75.51 | 0.02 | 75.43 | 0.14 |  |  | 255.0 | 6.682 |
| 7S56 | 74.59 | 0.07 | 714.57 | 0.02 | 74.49 | 0.13 |  |  | 255.6 | 6.677 |
| 7S57 | 73.68 | 0.07 | 73.66 | 0.03 | 73.58 | 0.14 |  |  | 256.0 | 6.671 |
|  |  |  |  |  |  |  |  |  |  |  |
| 8S1 | 348.12 | 0.05 | 348.02 | 0.03 | 347.98 | 0.04 |  |  | 930.2 | 14.177 |
| 8S5 | 239.96 | 0.05 | 240.03 | -0.03 | 239.95 | 0.01 |  |  | 611.6 | 12.457 |
| 8S6 | 225.28 | 0.05 | 225.47 | -0.08 | 225.38 | -0.04 |  |  | 441.0 | 9.202 |
| 8S7 | 215.13 | 0.05 | 215.03 | 0.04 | 214.95 | 0.08 |  |  | 351.6 | 9.011 |
| 8S9 | 191.89 | 0.07 | 191.87 | 0.01 | 191.76 | 0.07 | 483.0 | 20.0 | 501.3 | 12.448 |
| 8S15 | 158.50 | 0.07 | 158.30 | 0.12 | 158.26 | 0.15 |  |  | 250.6 | 5.878 |
| 8S23 | 120.87 | 0.07 | 120.67 | 0.16 | 120.62 | 0.21 |  |  | 237.8 | 6.052 |
| 8S24 | 118.67 | 0.07 | 118.48 | 0.16 | 118.43 | 0.20 |  |  | 237.5 | 6.176 |
| 8S29 | 108.08 | 0.07 | 108.02 | 0.06 | 107.98 | 0.09 |  |  | 243.1 | 6.895 |
| 8S30 | 106.04 | 0.07 | 106.02 | 0.01 | 105.98 | 0.05 |  |  | 244.9 | 7.019 |
| 8S32 | 102.20 | 0.07 | 102.16 | 0.04 | 102.12 | 0.08 |  |  | 248.5 | 7.219 |
| 8S38 | 91.81 | 0.07 | 91.79 | 0.02 | 91.73 | 0.09 |  |  | 256.1 | 7.435 |
| 8S41 | 87.28 | 0.07 | 87.33 | -0.05 | 87.26 | 0.03 |  |  | 257.9 | 7.400 |
| 8S46 | 80.79 | 0.07 | 80.85 | -0.08 | 80.78 | 0.01 |  |  | 258.5 | 7.247 |
| 8S47 | 79.78 | 0.07 | 79.69 | 0.12 | 79.61 | 0.21 |  |  | 258.3 | 7.208 |
| 8S48 | 78.57 | 0.07 | 78.56 | 0.01 | 78.49 | 0.11 |  |  | 257.9 | 7.167 |
|  |  |  |  |  |  |  |  |  |  |  |
| 9S3 | 281.39 | 0.05 | 281.30 | 0.03 | 281.23 | 0.06 |  |  | 777.7 | 13.266 |
| 9S4 | 258.10 | 0.07 | 257.87 | 0.09 | 257.80 | 0.12 |  |  | 515.2 | 13.197 |
| 9S6 | 216.37 | 0.05 | 216.41 | -0.02 | 216.37 | 0.00 |  |  | 331.1 | 8.510 |
| 9S7 | 205.16 | 0.05 | 205.23 | -0.04 | 205.18 | -0.01 |  |  | 489.9 | 11.072 |
| 9S8 | 194.22 | 0.07 | 194.38 | -0.08 | 194.34 | -0.06 |  |  | 472.3 | 10.581 |
| 9S11 | 170.01 | 0.05 | 169.90 | 0.07 | 169.80 | 0.12 |  |  | 413.9 | 11.972 |
| 9S12 | 161.64 | 0.05 | 161.62 | 0.01 | 161.50 | 0.09 |  |  | 465.0 | 12.017 |
| 9S13 | 154.30 | 0.07 | 154.24 | 0.04 | 154.10 | 0.13 |  |  | 484.6 | 11.659 |
| 9S14 | 147.87 | 0.05 | 147.75 | 0.08 | 147.60 | 0.18 |  |  | 484.7 | 11.062 |
| 9S15 | 142.23 | 0.05 | 142.25 | -0.02 | 142.10 | 0.09 |  |  | 430.1 | 9.635 |
| 9S18 | 132.47 | 0.07 | 132.40 | -0.05 | 132.33 | 0.11 |  |  | 255.9 | 5.860 |
| 9S19 | 129.87 | 0.07 | 129.90 | -0.02 | 129.83 | 0.03 |  |  | 248.2 | 5.797 |
| 9S29 | 100.32 | 0.07 | 100.27 | 0.05 | 100.20 | 0.12 |  |  | 243.14 | 6.373 |
| 9S35 | 91.16 | 0.07 | 91.18 | -0.02 | 91.13 | 0.03 |  |  | 242.7 | 6.854 |
| 9S37 | 88.49 | 0.07 | 88.39 | 0.11 | 88.35 | 0.16 |  |  | 241.6 | 6.956 |
|  |  |  |  |  |  |  |  |  |  |  |
| 10S2 | 247.74 | 0.05 | 247.99 | -0.10 | 247.96 | -0.09 |  |  | 192.14 | 20.486 |
| 10S10 | 161.65 | 0.05 | 161.53 | 0.08 | 161.49 | 0.1 |  |  | 376.2 | 10.614 |
| 10S13 | 145.46 | 0.07 | 145.47 | -0.00 | 145.42 | 0.03 |  |  | 277.7 | 6.861 |
| 10S14 | 142.06 | 0.05 | 142.07 | -0.01 | 142.02 | 0.03 |  |  | 259.1 | 6.491 |
| 10S17 | 130.14 | 0.05 | 130.28 | 0.05 | 130.13 | 0.16 |  |  | 387.5 | 10.444 |
| 10S18 | 126.00 | 0.05 | 125.97 | 0.02 | 125.81 | 0.15 |  |  | 410.7 | 10.490 |
| 10S19 | 121.93 | 0.05 | 121.98 | -0.05 | 121.80 | 0.10 |  |  | 411.8 | 10.218 |
| 10S20 | 118.37 | 0.05 | 118.39 | -0.02 | 118.21 | 0.14 |  |  | 390.5 | 9.599 |
| 10S21 | 115.20 | 0.05 | 115.30 | -0.09 | 115.12 | 0.07 |  |  | 342.3 | 8.457 |
| 10S28 | 95.58 | 0.07 | 95.59 | -0.01 | 95.43 | 0.15 |  |  | 300.1 | 7.715 |
| 10S29 | 93.90 | 0.07 | 93.93 | -0.03 | 93.78 | 0.13 |  |  | 279.9 | 1.180 |
| 10S31 | 91.14 | 0.07 | 91.00 | 0.15 | 90.88 | 0.28 |  |  | 257.0 | 6.606 |
| 10S32 | 89.78 | 0.07 | 89.67 | 0.13 | 89.56 | 0.25 |  |  | 251.1 | 6.496 |
| 10S34 | 87.21 | 0.07 | 87.15 | 0.07 | 87.05 | 0.18 |  |  | 244.1 | 6.441 |
| 10S36 | 84.86 | 0.07 | 84.76 | 0.12 | 84.68 | 0.22 |  |  | 240.2 | 6.489 |
| 10S37 | 83.58 | 0.07 | 83.61 | -0.03 | 83.53 | 0.06 |  |  | 238.9 | 6.530 |
| 10S41 | 79.18 | 0.07 | 79.21 | -0.04 | 79.15 | 0.04 |  |  | 236.2 | 6.734 |
| 10S44 | 76.05 | 0.07 | 76.13 | -0.11 | 76.08 | -0.04 |  |  | 236.1 | 6.873 |
|  |  |  |  |  |  |  |  |  |  |  |
| 11S1 | 271.36 | 0.09 | 271.33 | 0.01 | 271.28 | 0.03 |  |  | 663.6 | 15.152 |
| 11S3 | 223.93 | 0.05 | 224.09 | -0.07 | 224.02 | -0.04 |  |  | 447.5 | 10.680 |
| 11S4 | 209.55 | 0.05 | 209.78 | -0.11 | 209.70 | -0.07 | 652.0 | 20.0 | 701.6 | 12.690 |
| 11S5 | 197.14 | 0.05 | 197.07 | 0.04 | 196.99 | 0.08 |  |  | 665.4 | 12.013 |
| 11S6 | 186.83 | 0.05 | 186.86 | -0.01 | 186.79 | 0.02 |  |  | 463.4 | 10.022 |
| 11S7 | 179.70 | 0.10 | 179.714 | -0.02 | 179.69 | 0.01 |  |  | 280.6 | 7.570 |
| 11S9 | 155.49 | 0.05 | 155.35 | 0.09 | 155.22 | 0.17 |  |  | 627.1 | 11.964 |
| 11S10 | 149.03 | 0.05 | 148.98 | 0.03 | 148.85 | 0.12 |  |  | 426.3 | 9.483 |
| 11S13 | 134.99 | 0.07 | 1314.82 | 0.13 | 1314.76 | 0.17 |  |  | 420.4 | 11.095 |
| 11S15 | 126.44 | 0.07 | 126.28 | 0.13 | 126.22 | 0.18 |  |  | 332.1 | 8.347 |
| 11S16 | 123.22 | 0.07 | 123.35 | -0.11 | 123.29 | -0.05 |  |  | 284.6 | 6.849 |
| 11S17 | 120.89 | 0.07 | 120.95 | -0.05 | 120.88 | 0.01 |  |  | 261.8 | 6.144 |
| 11S21 | 112.16 | 0.07 | 112.30 | -0.13 | 112.24 | -0.07 |  |  | 277.3 | 7.668 |
| 11S22 | 109.66 | 0.07 | 109.75 | -0.08 | 109.65 | 0.00 |  |  | 317.1 | 8.831 |
| 11S23 | 107.15 | 0.07 | 107.05 | 0.09 | 106.93 | 0.21 |  |  | 349.1 | 9.411 |
| 11S24 | 104.36 | 0.05 | 104.38 | -0.02 | 104.23 | 0.12 |  |  | 363.1 | 9.504 |
| 11S31 | 87.29 | 0.07 | 87.42 | -0.15 | 87.30 | -0.01 |  |  | 335.4 | 8.641 |
| 11S32 | 85.78 | 0.07 | 85.81 | -0.04 | 85.68 | 0.12 |  |  | 332.1 | 8.486 |
| 11S34 | 82.87 | 0.07 | 82.90 | -0.03 | 82.75 | 0.14 |  |  | 307.3 | 7.844 |
| 11S35 | 81.45 | 0.07 | 81.60 | -0.18 | 81.146 | -0.01 |  |  | 291.9 | 7.473 |
| 11S37 | 79.15 | 0.07 | 79.28 | -0.16 | 79.15 | 0.00 |  |  | 268.3 | 6.929 |
| 11S39 | 77.24 | 0.07 | 77.19 | 0.06 | 77.08 | 0.20 |  |  | 255.9 | 6.708 |
| 11S40 | 76.21 | 0.07 | 76.21 | 0.00 | 76.11 | 0.14 |  |  | 252.14 | 6.678 |
| 11S41 | 75.21 | 0.07 | 75.25 | -0.05 | 75.15 | 0.07 |  |  | 250.0 | 6.678 |
| 11S43 | 73.39 | 0.07 | 73.40 | -0.01 | 73.31 | 0.11 |  |  | 247.3 | 6.726 |
| 11S44 | 72.53 | 0.07 | 72.50 | 0.04 | 72.42 | 0.15 |  |  | 246.6 | 6.760 |
| 11S46 | 70.68 | 0.07 | 70.76 | -0.11 | 70.68 | 0.00 |  |  | 245.6 | 6.824 |
|  |  |  |  |  |  |  |  |  |  |  |
| 12S7 | 170.67 | 0.05 | 170.77 | -0.06 | 170.77 | -0.06 |  |  | 423.8 | 10.271 |
| 12S10 | 145.67 | 0.05 | 145.74 | -0.05 | 145.69 | -0.01 |  |  | 330.9 | 9.171 |
| 12S11 | 140.25 | 0.05 | 140.08 | 0.12 | 139.99 | 0.18 |  |  | 511.1 | 12.324 |
| 12S12 | 134.24 | 0.05 | 134.14 | 0.07 | 134.03 | 0.15 |  |  | 570.0 | 12.859 |
| 12S13 | 128.68 | 0.05 | 128.59 | 0.08 | 128.47 | 0.17 |  |  | 568.6 | 12.883 |
| 12S14 | 123.57 | 0.05 | 123.50 | 0.06 | 123.37 | 0.16 |  |  | 552.7 | 12.743 |
| 12S15 | 118.93 | 0.05 | 118.89 | 0.03 | 118.75 | 0.15 |  |  | 543.2 | 12.228 |
| 12S16 | 115.11 | 0.05 | 115.05 | 0.05 | 114.94 | 0.15 |  |  | 449.6 | 10.261 |
| 12S17 | 111.79 | 0.07 | 111.93 | -0.13 | 111.84 | -0.04 |  |  | 382.9 | 9.131 |
| 12S18 | 109.39 | 0.07 | 109.34 | 0.05 | 109.25 | 0.13 |  |  | 325.3 | 7.865 |
| 12S22 | 102.08 | 0.07 | 102.05 | 0.02 | 101.99 | 0.09 |  |  | 253.5 | 6.027 |
| 12S23 | 100.48 | 0.07 | 100.50 | -0.02 | 100.44 | 0.04 |  |  | 252.0 | 6.094 |
| 12S26 | 95.80 | 0.07 | 95.87 | -0.07 | 95.82 | -0.02 |  |  | 265.4 | 6.914 |
| 12S33 | 81 .43 | 0.07 | 81.42 | 0.01 | 81.37 | 0.07 |  |  | 267.4 | 6.970 |
|  |  |  |  |  |  |  |  |  |  |  |
| 13S1 | 222.27 | 0.05 | 222.43 | -0.08 | 222.35 | -0.04 |  |  | 735.1 | 14.369 |
| 13S2 | 206.57 | 0.05 | 206.39 | 0.09 | 206.30 | 0.13 |  |  | 878.5 | 13.939 |
| 13S3 | 192.71 | 0.05 | 192.54 | 0.09 | 192.45 | 0.13 |  |  | 908.6 | 14.039 |
| 13S8 | 152.39 | 0.10 | 152.59 | -0.13 | 152.52 | -0.08 |  |  | 278.4 | 5.358 |
| 13S12 | 125.76 | 0.10 | 125.71 | 0.04 | 125.64 | 0.10 |  |  | 247.4 | 5.134 |
| 13S14 | 120.96 | 0.10 | 121.08 | -0.10 | 121.02 | -0.05 |  |  | 285.7 | 7.587 |
| 13S18 | 106.77 | 0.10 | 106.71 | 0.06 | 106.59 | 0.17 |  |  | 490.5 | 12.196 |
| 13S19 | 103.41 | 0.05 | 103.36 | 0.05 | 103.23 | 0.17 |  |  | 486.8 | 11.789 |
| 13S21 | 97.65 | 0.10 | 97.68 | -0.03 | 97.54 | 0.12 |  |  | 440.0 | 10.566 |
| 13S22 | 95.32 | 0.10 | 95.36 | -0.04 | 95.23 | 0.10 |  |  | 378.6 | 9.237 |
| 13S23 | 93.62 | 0.10 | 93.48 | 0.15 | 93.38 | 0.26 |  |  | 316.8 | 7.652 |
| 13S25 | 90.52 | 0.10 | 90.62 | -0.11 | 90.54 | -0.03 |  |  | 267.8 | 6.228 |
| 13S26 | 89.31 | 0.10 | 89.38 | -0.08 | 89.31 | -0.00 |  |  | 259.6 | 6.042 |
| 13S29 | 85.94 | 0.10 | 85.93 | 0.02 | 85.87 | 0.08 |  |  | 251.6 | 6.073 |
| 13S37 | 73.52 | 0.10 | 73.51 | 0.02 | 73.46 | 0.09 |  |  | 250.1 | 6.431 |
| 13S38 | 72.74 | 0.10 | 72.63 | 0.14 | 72.59 | 0.20 |  |  | 254.2 | 6.634 |
|  |  |  |  |  |  |  |  |  |  |  |
| 14S4 | 180.81 | 0.10 | 180.45 | 0.20 | 180.36 | 0.25 |  |  | 742.4 | 13.843 |
| 14S7 | 147.79 | 0.05 | 147.65 | 0.10 | 147.59 | 0.14 |  |  | 330.4 | 9.582 |
| 14S8 | 142.02 | 0.05 | 141.89 | 0.10 | 141.83 | 0.14 |  |  | 483.1 | 12.058 |
| 14S9 | 136.13 | 0.05 | 135.98 | 0.11 | 135.92 | 0.16 |  |  | 528.4 | 12.226 |
| 14S10 | 131.27 | 0.10 | 130.96 | 0.23 | 130.91 | 0.27 |  |  | 388.4 | 9.760 |
| 14S17 | 104.97 | 0.07 | 104.97 | 0.00 | 104.92 | 0.05 |  |  | 316.2 | 8.241 |
| 14S19 | 99.99 | 0.05 | 100.02 | -0.03 | 99.98 | 0.01 |  |  | 406.9 | 10.022 |
| 14S25 | 87.15 | 0.07 | 87.30 | -0.17 | 87.16 | -0.02 |  |  | 434.3 | 10.451 |
| 14S28 | 82.07 | 0.07 | 82.08 | -0.02 | 81.94 | 0.15 |  |  | 331.8 | 8.221 |
| 14S31 | 78.89 | 0.07 | 78.79 | 0.13 | 78.70 | 0.24 |  |  | 253.9 | 6.034 |
|  |  |  |  |  |  |  |  |  |  |  |
| 15S3 | 165.83 | 0.05 | 165.69 | 0.08 | 165.61 | 0.13 |  |  | 805.8 | 14.327 |
| 15S11 | 122.85 | 0.07 | 122.99 | -0.11 | 122.87 | -0.02 |  |  | 500.5 | 11.355 |
| 15S12 | 118.59 | 0.05 | 118.59 | 0.00 | 118.48 | 0.09 |  |  | 572.3 | 12.417 |
| 15S16 | 100.69 | 0.05 | 100.71 | -0.02 | 100.59 | 0.10 |  |  | 538.1 | 13.254 |
| 15S18 | 96.03 | 0.07 | 96.07 | -0.04 | 95.99 | 0.04 |  |  | 281.3 | 6.5414 |
| 15S28 | 80.39 | 0.07 | 80.45 | -0.07 | 80.39 | 0.00 |  |  | 324.4 | 8.142 |
| 15S30 | 77.63 | 0.07 | 77.63 | -0.00 | 77.53 | 0.13 |  |  | 392.7 | 9.538 |
| 15S31 | 76.21 | 0.07 | 76.22 | -0.01 | 76.10 | 0.14 |  |  | 392.2 | 9.474 |
| 15S32 | 74.83 | 0.07 | 74.89 | -0.08 | 74.77 | 0.08 |  |  | 371.5 | 9.071 |
|  |  |  |  |  |  |  |  |  |  |  |
| 16S5 | 146.45 | 0.05 | 146.28 | 0.12 | 146.19 | 0.18 |  |  | 581.1 | 12.415 |
| 16S6 | 139.87 | 0.05 | 139.79 | 0.06 | 139.69 | 0.13 |  |  | 739.3 | 12.890 |
| 16S7 | 133.90 | 0.07 | 133.80 | 0.08 | 133.69 | 0.16 |  |  | 800.0 | 12.770 |
| 16S10 | 118.58 | 0.05 | 118.52 | 0.06 | 118.43 | 0.13 |  |  | 774.3 | 12.609 |
| 16S19 | 91.18 | 0.07 | 91.20 | -0.02 | 91.08 | 0.11 |  |  | 543.2 | 13.034 |
| 16S20 | 88.61 | 0.07 | 88.62 | -0.01 | 88.149 | 0.14 |  |  | 521.2 | 12.457 |
| 16S25 | 80.23 | 0.07 | 80.23 | 0.01 | 80.17 | 0.07 |  |  | 393.3 | 9.373 |
| 16S26 | 78.81 | 0.07 | 78.77 | 0.05 | 78.71 | 0.12 |  |  | 373.6 | 8.943 |
| 16S31 | 73.61 | 0.07 | 73.57 | 0.06 | 73.52 | 0.12 |  |  | 272.9 | 6.604 |
|  |  |  |  |  |  |  |  |  |  |  |
| 17S12 | 109.11 | 0.07 | 109.27 | -0.15 | 109.19 | -0.07 |  |  | 462.0 | 10.800 |
| 17S13 | 105.93 | 0.07 | 105.98 | -0.05 | 105.89 | 0.04 |  |  | 553.8’ | 11.501 |
| 17S14 | 102.96 | 0.07 | 102.96 | 0.00 | 102.88 | 0.08 |  |  | 459.1 | 10.157 |
| 17S15 | 100.48 | 0.07 | 100.60 | -0.12 | 100.52 | -0.04 |  |  | 350.7 | 8.117 |
| 17S22 | 83.54 | 0.07 | 83.149 | 0.07 | 83.40 | 0.17 |  |  | 406.5 | 10.528 |
| 17S23 | 81.61 | 0.07 | 81.59 | 0.03 | 81.47 | 0.17 |  |  | 465.9 | 11.450 |
| 17S26 | 76.47 | 0.07 | 76.39 | 0.11 | 76.27 | 0.26 |  |  | 427.8 | 10.525 |
| 17S28 | 73.56 | 0.07 | 73.51 | 0.07 | 73.42 | 0.18 |  |  | 414.0 | 9.964 |
| 17S29 | 72.26 | 0.07 | 72.22 | 0.05 | 72.15 | 0.16 |  |  | 386.7 | 9.349 |
| 17S30 | 71.11 | 0.07 | 71.08 | 0.05 | 71.01 | 0.15 |  |  | 347.8 | 8.476 |
| 17S31 | 69.98 | 0.07 | 70.07 | -0.13 | 70.01 | -0.04 |  |  | 314.6 | 7.635 |
|  |  |  |  |  |  |  |  |  |  |  |
| 18S3 | 145.28 | 0.05 | 145.10 | 0.12 | 145.00 | 0.19 |  |  | 851.4 | 14.056 |
| 18S4 | 138.11 | 0.05 | 138.10 | 0.00 | 138.00 | 0.08 |  |  | 943.1 | 13.72 |
| 18S15 | 95.68 | 0.07 | 95.65 | 0.03 | 95.60 | 0.08 |  |  | 381.7 | 9.762 |
| 18S16 | 93.28 | 0.07 | 93.28 | 0.00 | 93.23 | 0.05 |  |  | 474.4 | 11.332 |
| 18S17 | 90.84 | 0.07 | 90.86 | -0.02 | 90.81 | 0.03 |  |  | 480.2 | 11.169 |
| 18S25 | 76.19 | 0.07 | 76.11 | 0.11 | 76.06 | 0.17 |  |  | 307.9 | 7.518 |
| 18S27 | 73.62 | 0.07 | 73.63 | -0.02 | 73.59 | 0.05 |  |  | 425.4 | 10.101 |
|  |  |  |  |  |  |  |  |  |  |  |
| 19S9 | 110.62 | 0.05 | 110.53 | 0.08 | 110.43 | 0.17 |  |  | 612.4 | 12.165 |
| 19S10 | 106.86 | 0.05 | 106.87 | -0.00 | 106.77 | 0.09 |  |  | 675.8 | 12.402 |
| 19S11 | 103.66 | 0.05 | 103.55 | 0.10 | 103.46 | 0.19 |  |  | 531.4 | 11.082 |
| 19S14 | 93.36 | 0.07 | 93.37 | -0.01 | 93.23 | 0.13 |  |  | 646.4 | 11.600 |
| 19S15 | 90.91 | 0.07 | 90.99 | -0.09 | 90.85 | 0.07 |  |  | 521.3 | 10.321 |
|  |  |  |  |  |  |  |  |  |  |  |
| 20S4 | 123.18 | 0.05 | 123.20 | -0.02 | 123.12 | 0.05 |  |  | 782.5 | 15.087 |
| 20S5 | 118.06 | 0.05 | 118.04 | 0.02 | 117.96 | 0.08 |  |  | 636.8 | 12.844 |
| 20S15 | 89.12 | 0.05 | 89.12 | 0.00 | 89.07 | 0.06 |  |  | 301.9 | 6.601 |
| 20S16 | 87.39 | 0.07 | 87.46 | -0.07 | 87.140 | -0.01 |  |  | 458.8 | 10.481 |
| 20S17 | 85.30 | 0.07 | 85.31 | -0.01 | 85.24 | 0.07 |  |  | 606.2 | 12.088 |
| 20S18 | 83.16 | 0.07 | 83.114 | 0.02 | 83.06 | 0.12 |  |  | 634.4 | 12.273 |
| 20S19 | 81.12 | 0.07 | 81.11 | 0.01 | 81.03 | 0.11 |  |  | 565.7 | 11.677 |
| 20S20 | 79.46 | 0.07 | 79.35 | 0.13 | 79.28 | 0.23 |  |  | 417.9 | 10.104 |
| 20S25 | 70.75 | 0.07 | 70.60 | 0.22 | 70.53 | 0.31 |  |  | 5147.0 | 12.876 |
|  |  |  |  |  |  |  |  |  |  |  |
| 21S6 | 112.96 | 0.05 | 112.99 | -0.02 | 112.87 | 0.08 |  |  | 739.8 | 12.736 |
| 21S7 | 109.02 | 0.05 | 109.01 | 0.01 | 108.90 | 0.11 |  |  | 799.9 | 12.970 |
| 21S8 | 105.37 | 0.05 | 105.30 | 0.07 | 105.19 | 0.17 |  |  | 667.3 | 13.043 |
| 21S10 | 98.70 | 0.05 | 98.71 | -0.01 | 98.60 | 0.10 |  |  | 833.9 | 12.812 |
| 21S11 | 95.84 | 0.05 | 95.75 | 0.09 | 95.65 | 0.20 |  |  | 747.8 | 12.111 |
| 21S12 | 93.32 | 0.05 | 93.25 | 0.08 | 93.15 | 0.18 |  |  | 516.9 | 10.000 |
|  |  |  |  |  |  |  |  |  |  |  |
| 22S12 | 89.88 | 0.07 | 89.87 | 0.02 | 89.81 | 0.08 |  |  | 309.0 | 6.971 |
| 22S13 | 88.23 | 0.07 | 88.14 | 0.10 | 88.09 | 0.16 |  |  | 442.9 | 10.365 |
| 22S14 | 86.08 | 0.07 | 85.98 | 0.11 | 85.93 | 0.18 |  |  | 591.3 | 12.088 |
| 22S23 | 70.88 | 0.07 | 70.93 | -0.06 | 70.89 | -0.02 |  |  | 394.9 | 9.572 |
|  |  |  |  |  |  |  |  |  |  |  |
| 23S4 | 111.88 | 0.05 | 111.84 | 0.04 | 111.73 | 0.13 |  |  | 809.3 | 13.920 |
| 23S5 | 107.57 | 0.05 | 107.65 | -0.07 | 107.54 | 0.03 |  |  | 899.2 | 13.971 |
| 23S7 | 100.14 | 0.07 | 100.14 | 0.00 | 100.04 | 0.09 |  |  | 660.4 | 13.593 |
| 23S8 | 97.06 | 0.07 | 96.90 | 0.16 | 96.81 | 0.26 |  |  | 740.2 | 12.991 |
| 23S9 | 94.16 | 0.07 | 94.12 | 0.04 | 94.04 | 0.13 |  |  | 553.6 | 10.985 |
| 23S10 | 92.14 | 0.07 | 92.21 | -0.08 | 92.14 | -0.00 |  |  | 322.0 | 6.608 |
| 23S22 | 69.59 | 0.07 | 69.57 | 0.03 | 69.49 | 0.14 |  |  | 509.4 | 11.659 |
|  |  |  |  |  |  |  |  |  |  |  |
| 24S10 | 89.52 | 0.10 | 89.62 | -0.11 | 89.54 | -0.02 |  |  | 449.2 | 9.875 |
| 24S11 | 87.33 | 0.10 | 87.42 | -0.10 | 87.32 | 0.01 |  |  | 673.3 | 12.088 |
| 24S12 | 85.06 | 0.10 | 85.12 | -0.07 | 85.02 | 0.05 | 1125.0 | 20.0 | 744.1 | 12.472 |
| 24S14 | 80.65 | 0.10 | 80.70 | -0.06 | 80.63 | 0.03 |  |  | 742.8 | 12.516 |
| 24S15 | 78.63 | 0.10 | 78.69 | -0.08 | 78.62 | 0.02 |  |  | 814.6 | 12.747 |
| 24S16 | 76.71 | 0.10 | 76.77 | -0.08 | 76.70 | 0.01 |  |  | 795.8 | 12.532 |
| 24S17 | 75.20 | 0.10 | 75.10 | 0.13 | 75.04 | 0.22 |  |  | 482.8 | 9.577 |
| 24S18 | 74.26 | 0.10 | 74.19 | 0.09 | 74.13 | 0.18 |  |  | 277.8 | 5.146 |
|  |  |  |  |  |  |  |  |  |  |  |
| 25S1 | 115.46 | 0.07 | 115.54 | -0.07 | 115.43 | 0.02 |  |  | 843.4 | 14.375 |
| 25S2 | 110.89 | 0.05 | 110.83 | 0.05 | 110.73 | 0.15 |  |  | 787.6 | 15.431 |
| 25S3 | 106.05 | 0.05 | 106.11 | -0.05 | 106.62 | 0.03 |  |  | 376.8 | 16.618 |
| 25S5 | 98.65 | 0.10 | 98.66 | -0.02 | 98.57 | 0.08 |  |  | 766.3 | 14.552 |
| 25S6 | 95.32 | 0.10 | 95.39 | -0.07 | 95.29 | 0.03 |  |  | 724.1 | 13.155 |
| 25S10 | 84.78 | 0.10 | 84.82 | -0.05 | 84.70 | 0.09 |  |  | 537.1 | 10.379 |
| 25S18 | 72.99 | 0.10 | 72.99 | 0.00 | 72.93 | 0.09 |  |  | 574.1 | 11.733 |
|  |  |  |  |  |  |  |  |  |  |  |
| 26S8 | 89.19 | 0.07 | 89.25 | -0.07 | 89.15 | 0.05 |  |  | 698.3 | 12.347 |
| 26S9 | 86.82 | 0.07 | 86.76 | 0.06 | 86.67 | 0.17 |  |  | 325.0 | 14.111 |
| 26S11 | 81.77 | 0.07 | 81.68 | 0.11 | 81.63 | 0.17 |  |  | 536.0 | 11.748 |
| 26S12 | 79.66 | 0.07 | 79.62 | 0.05 | 79.56 | 0.12 |  |  | 763.9 | 13.159 |
| 26S13 | 77.58 | 0.07 | 77.61 | -0.04 | 77.56 | 0.03 |  |  | 704.6 | 12.533 |
|  |  |  |  |  |  |  |  |  |  |  |
| 27S2 | 101.44 | 0.07 | 101.35 | 0.09 | 101.25 | 0.19 |  |  | 797.3 | 14.802 |
| 27S4 | 94.37 | 0.07 | 94.37 | 0.00 | 94.27 | 0.10 |  |  | 576.7 | 13.198 |
| 27S14 | 75.18 | 0.15 | 75.06 | 0.16 | 74.98 | 0.26 |  |  | 420.9 | 9.752 |
| 27S15 | 73.43 | 0.15 | 73.45 | -0.03 | 73.38 | 0.07 |  |  | 680.1 | 12.495 |
| 27S16 | 71.60 | 0.15 | 71.82 | -0.31 | 71.76 | -0.22 |  |  | 625.0 | 11.971 |
|  |  |  |  |  |  |  |  |  |  |  |
| 28S5 | 91.39 | 0.07 | 91.19 | 0.21 | 91.09 | 0.33 |  |  | 683.8 | 13.244 |
| 28S6 | 88.61 | 0.07 | 88.47 | 0.15 | 88.37 | 0.27 |  |  | 756.4 | 13.555 |
| 28S10 | 78.59 | 0.07 | 78.47 | 0.16 | 78.40 | 0.24 |  |  | 762.0 | 13.264 |
| 28S11 | 76.75 | 0.07 | 76.78 | -0.04 | 76.72 | 0.04 |  |  | 288.0 | 5.868 |
|  |  |  |  |  |  |  |  |  |  |  |
| 29S1 | 97.04 | 0.10 | 96.99 | 0.05 | 96.89 | 0.16 |  |  | 734.15 | 15.708 |
|  |  |  |  |  |  |  |  |  |  |  |
| 30S3 | 90.61 | 0.07 | 90.49 | 0.13 | 90.39 | 0.24 |  |  | 715.6 | 15.394 |
| 30S7 | 79.69 | 0.07 | 79.69 | 0.01 | 79.61 | 0.10 |  |  | 848.0 | 14.177 |
| 30S8 | 77.52 | 0.07 | 77.53 | -0.02 | 77.46 | 0.07 |  |  | 798.1 | 13.594 |
|  |  |  |  |  |  |  |  |  |  |  |
| 32S1 | 90.03 | 0.07 | 89.94 | 0.10 | 89.93 | 0.11 |  |  | 89.8 | 11.653 |
|  |  |  |  |  |  |  |  |  |  |  |
| 33S6 | 77.00 | 0.10 | 76.82 | 0.24 | 76.75 | 0.33 |  |  | 606.6 | 14.012 |
|  |  |  |  |  |  |  |  |  |  |  |
| 34S1 | 83.83 | 0.10 | 83.76 | 0.08 | 83.68 | 0.18 | 630.0 | 20.0 | 754.0 | 15.822 |
|  |  |  |  |  |  |  |  |  |  |  |
| 0T2 | 2636.38 | 0.08 | 2637.45 | -0.04 | 2639.40 | -0.11 |  |  | 250.4 | 9.179 |
| 0T3 | 1705.95 | 0.15 | 1706.07 | -0.01 | 1707.61 | -0.10 |  |  | 240.0 | 7.613 |
| 0T4 | 1305.92 | 0.07 | 1306.11 | -0.01 | 1307.55 | -0.13 |  |  | 228.2 | 6.796 |
| 0T5 | 1075.98 | 0.12 | 1077.34 | -0.13 | 1078.79 | -0.26 |  |  | 216.4 | 6.233 |
| 0T6 | 925.84 | 0.09 | 926.96 | -0.12 | 928.45 | -0.28 |  |  | 205.4 | 5.826 |
| 0T7 | 819.31 | 0.08 | 819.22 | 0.01 | 820.77 | -0.18 |  |  | 195.6 | 5.528 |
| 0T8 | 736.86 | 0.20 | 737.42 | -0.08 | 739.03 | -0.29 | 170.0 | 20.0 | 187.1 | 5.304 |
| 0T9 | 671.80 | 0.20 | 672.69 | -0.13 | 674.35 | -0.38 | 180.0 | 20.0 | 179. | 5.132 |
| 0T10 | 618.97 | 0.20 | 619.88 | -0.15 | 621.59 | -0.42 |  |  | 173.3 | 4.995 |
| 0T12 | 538.05 | 0.20 | 538.25 | -0.04 | 540.05 | -0.37 |  |  | 162.9 | 4.794 |
| 0T13 | 506.07 | 0.20 | 505.84 | 0.05 | 507.67 | -0.32 |  |  | 158.8 | 4.720 |
| 0T14 | 477.53 | 0.20 | 477.49 | 0.01 | 479.35 | -0.38 |  |  | 155.3 | 4.659 |
| 0T16 | 430.01 | 0.20 | 430.08 | -0.02 | 432.00 | -0.46 |  |  | 149.5 | 4.567 |
| 0T17 | 410.24 | 0.20 | 410.00 | 0.06 | 411.93 | -0.41 |  |  | 147.2 | 4.533 |
| 0T18 | 391.82 | 0.20 | 391.83 | -0.00 | 393.77 | -0.50 |  |  | 145.2 | 4.505 |
| 0T20 | 360.03 | 0.08 | 360.16 | -0.03 | 362.11 | -0.58 |  |  | 141.9 | 4.462 |
| 0T21 | 346.50 | 0.08 | 346.25 | 0.07 | 348.20 | -0.49 |  |  | 140.5 | 4.447 |
| 0T22 | 333.69 | 0.08 | 333.41 | 0.08 | 335.37 | -0.50 | 114.0 | 20.0 | 139.3 | 4.434 |
| 0T23 | 321.70 | 0.08 | 321.52 | 0.05 | 323.48 | -0.55 |  |  | 138.3 | 4.423 |
| 0T24 | 310.63 | 0.07 | 310.48 | 0.05 | 312.43 | -0.58 |  |  | 137.4 | 4.414 |
| 0T25 | 300.37 | 0.06 | 300.18 | 0.06 | 302.13 | -0.59 | 110.0 | 23.0 | 136.6 | 4.407 |
| 0T26 | 290.77 | 0.06 | 290.56 | 0.07 | 292.50 | -0.60 | 113.0 | 22.3 | 135.9 | 4.402 |
| 0T27 | 281.75 | 0.06 | 281.55 | 0.07 | 283.48 | -0.61 | 115.0 | 21.4 | 135.2 | 4.397 |
| 0T28 | 273.27 | 0.06 | 273.09 | 0.07 | 275.01 | -0.64 | 116.0 | 20.0 | 134.7 | 4.393 |
| 0T29 | 265.30 | 0.06 | 265.12 | 0.07 | 267.04 | -0.65 | 115.0 | 18.0 | 134.2 | 4.390 |
| 0T30 | 257.76 | 0.06 | 257.62 | 0.06 | 259.52 | -0.68 | 113.0 | 16.1 | 133.7 | 4.388 |
| 0T31 | 250.66 | 0.06 | 250.53 | 0.05 | 252.42 | -0.70 | 112.0 | 15.0 | 133.3 | 4.386 |
| 0T32 | 243.95 | 0.06 | 243.82 | 0.05 | 245.70 | -0.72 | 112.0 | 15.2 | 133.0 | 4.385 |
| 0T33 | 237.59 | 0.05 | 237.46 | 0.05 | 239.33 | -0.73 | 112.0 | 16.5 | 132.7 | 4.384 |
| 0T34 | 231.56 | 0.05 | 231.43 | 0.06 | 233.29 | -0.75 | 113.0 | 18.3 | 132.4 | 4.383 |
| 0T35 | 225.83 | 0.05 | 225.70 | 0.06 | 227.54 | -0.76 | 113.0 | 20.0 | 132.2 | 4.382 |
| 0T36 | 220.37 | 0.05 | 220.24 | 0.06 | 222.07 | -0.77 | 113.0 | 21.2 | 132.0 | 4.382 |
| 0T37 | 215.17 | 0.05 | 215.05 | 0.06 | 216.86 | -0.79 | 112.0 | 22.0 | 131.8 | 4.382 |
| 0T38 | 210.21 | 0.05 | 210.09 | 0.06 | 211.90 | -0.80 | 111.0 | 22.5 | 131.7 | 4.382 |
| 0T39 | 205.47 | 0.05 | 205.35 | 0.06 | 207.15 | -0.82 | 111.0 | 22.8 | 131.5 | 4.381 |
| 0T40 | 200.95 | 0.05 | 200.83 | 0.06 | 202.61 | -0.83 | 111.0 | 23.0 | 131.4 | 4.382 |
| 0T41 | 196.60 | 0.05 | 196.50 | 0.05 | 198.26 | -0.85 | 112.0 | 23.3 | 131.3 | 4.382 |
| 0T42 | 192.50 | 0.05 | 192.35 | 0.08 | 194.10 | -0.83 | 113.0 | 23.6 | 131.2 | 4.382 |
| 0T43 | 188.51 | 0.05 | 188.38 | 0.07 | 190.12 | -0.85 | 115.0 | 23.9 | 131.2 | 4.382 |
| 0T44 | 184.70 | 0.05 | 184.56 | 0.08 | 186.29 | -0.86 | 117.0 | 24.2 | 131.1 | 4.382 |
| 0T45 | 181.04 | 0.05 | 180.89 | 0.08 | 182.61 | -0.87 | 119.0 | 24.5 | 131.1 | 4.382 |
| 0T46 | 177.52 | 0.05 | 177.37 | 0.08 | 179.07 | -0.87 | 121.0 | 24.8 | 131.1 | 4.383 |
| 0T47 | 174.10 | 0.05 | 173.99 | 0.06 | 175.68 | -0.91 | 122.0 | 25.0 | 131.1 | 4.383 |
| 0T48 | 170.87 | 0.05 | 170.72 | 0.09 | 172.40 | -0.90 | 123.0 | 25.1 | 131.1 | 4.383 |
| 0T49 | 167.73 | 0.05 | 167.58 | 0.09 | 169.25 | -0.90 | 123.0 | 25.1 | 131.1 | 4.383 |
| 0T50 | 164.70 | 0.05 | 164.56 | 0.09 | 166.21 | -0.91 | 122.0 | 25.1 | 131.1 | 4.384 |
| 0T51 | 161.78 | 0.05 | 161.64 | 0.09 | 163.27 | -0.92 | 121.0 | 25.1 | 131.1 | 4.384 |
| 0T52 | 158.95 | 0.05 | 158.82 | 0.08 | 160.44 | -0.94 | 120.0 | 25.0 | 131.1 | 4.384 |
| 0T53 | 156.23 | 0.05 | 156.10 | 0.09 | 157.71 | -0.95 | 119.0 | 25.0 | 131.2 | 4.384 |
| 0T54 | 153.59 | 0.05 | 153.46 | 0.08 | 155.07 | -0.96 | 118.0 | 25.0 | 131.3 | 4.384 |
| 0T55 | 151.04 | 0.05 | 150.92 | 0.08 | 152.51 | -0.97 | 117.0 | 25.0 | 131.3 | 4.385 |
| 0T56 | 148.57 | 0.05 | 148.46 | 0.07 | 150.04 | -0.99 | 116.0 | 25.1 | 131.4 | 4.385 |
| 0T57 | 146.19 | 0.05 | 146.08 | 0.08 | 147.64 | -0.99 | 116.0 | 25.1 | 131.4 | 4.385 |
| 0T58 | 143.87 | 0.05 | 143.77 | 0.07 | 145.33 | -1.01 | 115.0 | 25.5 | 131.5 | 4.385 |
| 0T59 | 141.63 | 0.05 | 141.54 | 0.07 | 143.08 | -1.02 | 115.0 | 25.8 | 131.6 | 4.385 |
| 0T60 | 139.46 | 0.05 | 139.37 | 0.06 | 140.90 | -1.03 | 116.0 | 26.2 | 131.7 | 4.385 |
| 0T61 | 137.35 | 0.05 | 137.27 | 0.06 | 138.79 | -1.05 | 116.0 | 26.6 | 131.8 | 4.385 |
| 0T62 | 135.30 | 0.06 | 135.23 | 0.05 | 136.74 | -1.07 | 116.0 | 27.1 | 131.9 | 4.385 |
| 0T63 | 133.32 | 0.06 | 133.25 | 0.05 | 134.75 | -1.07 | 117.0 | 27.6 | 132.0 | 4.385 |
| 0T64 | 131.39 | 0.06 | 131.33 | 0.05 | 132.82 | -1.09 | 117.0 | 28.1 | 132.1 | 4.385 |
| 0T65 | 129.51 | 0.06 | 129.46 | 0.04 | 130.94 | -1.10 | 118.0 | 28.7 | 132.3 | 4.385 |
| 0T66 | 127.69 | 0.06 | 127.65 | 0.03 | 129.12 | -1.12 | 118.0 | 29.3 | 132.4 | 4.385 |
| 0T67 | 125.92 | 0.07 | 125.88 | 0.03 | 127.34 | -1.13 | 119.0 | 30.0 | 132.5 | 4.385 |
|  |  |  |  |  |  |  |  |  |  |  |
| 1T2 | 756.57 | 0.08 | 757.50 | -0.12 | 757.54 | -0.13 |  |  | 256.4 | 4.103 |
| 1T3 | 695.18 | 0.07 | 694.86 | 0.05 | 694.95 | 0.03 |  |  | 252.9 | 5.361 |
| 1T6 | 519.09 | 0.06 | 519.32 | -0.04 | 519.45 | -0.07 |  |  | 242.2 | 7.102 |
| 1T7 | 475.17 | 0.13 | 475.33 | -0.03 | 475.47 | -0.06 | 238.0 | 20.0 | 237.3 | 7.112 |
| 1T8 | 438.49 | 0.05 | 438.55 | -0.01 | 438.70 | -0.05 |  |  | 232.1 | 6.979 |
| 1T9 | 407.74 | 0.07 | 407.75 | -0.00 | 407.91 | -0.04 |  |  | 227.3 | 6.790 |
| 1T10 | 381.65 | 0.10 | 381.68 | -0.01 | 381.84 | -0.05 |  |  | 223.3 | 6.607 |
| 1T11 | 359.13 | 0.05 | 359.28 | -0.04 | 359.45 | -0.09 |  |  | 220.0 | 6.454 |
| 1T12 | 339.54 | 0.06 | 339.76 | -0.07 | 339.93 | -0.12 | 195.0 | 20.0 | 217.4 | 6.334 |
| 1T13 | 322.84 | 0.12 | 322.53 | -0.10 | 322.70 | 0.04 |  |  | 215.1 | 6.240 |
| 1T15 | 293.35 | 0.05 | 293.34 | 0.00 | 293.51 | -0.06 |  |  | 211.3 | 6.097 |
| 1T16 | 280.56 | 0.05 | 280.84 | -0.10 | 281.00 | -0.16 |  |  | 209.4 | 6.036 |
| 1T17 | 269.5q | 0.05 | 269.47 | 0.02 | 269.63 | -0.04 |  |  | 207.3 | 5.977 |
| 1T18 | 259.00 | 0.05 | 259.08 | -0.03 | 259.24 | -0.09 |  |  | 205.2 | 5.919 |
| 1T19 | 249.41 | 0.05 | 249.55 | -0.06 | 249.71 | -0.12 | 195.0 | 20.0 | 202.9 | 5.860 |
| 1T20 | 240.88 | 0.05 | 240.79 | 0.04 | 240.95 | -0.03 |  |  | 200.4 | 5.800 |
| 1T21 | 232.53 | 0.05 | 232.70 | -0.07 | 232.86 | -0.14 |  |  | 197.8 | 5.740 |
| 1T22 | 225.22 | 0.05 | 225.21 | 0.00 | 225.37 | -0.07 |  |  | 195.2 | 5.678 |
| 1T23 | 218.31 | 0.05 | 218.26 | 0.02 | 218.43 | -0.05 | 182.0 | 20.0 | 192.4 | 5.617 |
| 1T24 | 211.91 | 0.05 | 211.80 | 0.05 | 211.96 | -0.03 | 164.0 | 20.0 | 189.6 | 5.555 |
| 1T25 | 205.80 | 0.05 | 205.78 | 0.01 | 205.94 | -0.07 | 192.0 | 20.0 | 186.7 | 5.493 |
| 1T26 | 200.24 | 0.05 | 200.15 | 0.05 | 200.31 | -0.04 |  |  | 183.9 | 5.432 |
| 1T27 | 194.83 | 0.05 | 194.87 | -0.02 | 195.04 | -0.11 |  |  | 181.0 | 5.373 |
| 1T28 | 189.94 | 0.05 | 189.93 | 0.01 | 190.09 | -0.08 |  |  | 178.2 | 5.314 |
| 1T29 | 185.26 | 0.05 | 185.27 | -0.00 | 185.43 | -0.09 |  |  | 175.5 | 5.257 |
| 1T30 | 180.80 | 0.05 | 180.88 | -0.05 | 181.05 | -0.14 |  |  | 172.9 | 5.203 |
| 1T31 | 176.85 | 0.07 | 176.74 | 0.06 | 176.90 | -0.03 |  |  | 170.4 | 5.150 |
| 1T32 | 172.98 | 0.05 | 172.82 | 0.09 | 172.99 | -0.01 |  |  | 168.0 | 5.100 |
| 1T33 | 169.22 | 0.05 | 169.11 | 0.06 | 169.27 | -0.03 |  |  | 165.8 | 5.053 |
| 1T34 | 165.72 | 0.05 | 165.59 | 0.08 | 165.75 | -0.02 |  |  | 163.6 | 5.008 |
| 1T35 | 162.34 | 0.05 | 162.23 | 0.06 | 162.40 | -0.04 |  |  | 161.6 | 4.966 |
| 1T36 | 159.09 | 0.05 | 159.04 | 0.04 | 159.20 | -0.07 |  |  | 159.7 | 4.927 |
| 1T37 | 156.03 | 0.05 | 155.99 | 0.03 | 156.15 | -0.08 |  |  | 157.9 | 4.890 |
| 1T38 | 153.13 | 0.05 | 153.08 | 004 | 153.24 | -0.07 |  |  | 156.3 | 4.856 |
| 1T39 | 150.26 | 0.05 | 150.29 | -0.02 | 150.45 | -0.12 |  |  | 154.7 | 4.825 |
| 1T40 | 147.63 | 0.05 | 147.62 | 0.01 | 147.78 | -0.10 |  |  | 153.3 | 4.795 |
| 1T41 | 145.05 | 0.05 | 145.05 | 0.00 | 145.22 | -0.11 |  |  | 152.0 | 4.768 |
| 1T42 | 142.60 | 0.05 | 142.59 | 0.00 | 142.75 | -0.11 |  |  | 150.8 | 4.743 |
| 1T43 | 140.21 | 0.05 | 140.22 | -0.01 | 140.38 | -0.12 |  |  | 149.6 | 4.720 |
| 1T45 | 135.64 | 0.24 | 135.74 | -0.08 | 135.90 | -0.19 |  |  | 147.7 | 4.680 |
| 1T46 | 133.63 | 0.05 | 133.62 | 0.01 | 133.78 | -0.11 |  |  | 146.8 | 4.662 |
| 1T47 | 131.54 | 0.05 | 131.57 | -0.03 | 131.73 | -0.15 |  |  | 146.0 | 4.646 |
| 1T48 | 129.56 | 0.05 | 129.59 | -0.02 | 129.75 | -0.15 |  |  | 145.3 | 4.631 |
| 1T49 | 127.72 | 0.05 | 127.68 | 0.03 | 127.83 | -0.09 |  |  | 144.6 | 4.618 |
| 1T50 | 125.92 | 0.10 | 125.82 | 0.08 | 125.98 | -0.05 |  |  | 144.0 | 4.605 |
| 1T51 | 124.18 | 0.10 | 124.02 | 0.12 | 124.18 | -0.00 |  |  | 143.4 | 4.594 |
| 1T52 | 122.26 | 0.10 | 122.28 | -0.02 | 122.44 | -0.14 |  |  | 142.9 | 4.583 |
| 1T54 | 118.00 | 0.10 | 118.95 | 0.03 | 119.10 | -0.09 |  |  | 142.0 | 4.565 |
| 1T57 | 114.41 | 0.10 | 114.30 | 0.09 | 114.45 | -0.04 |  |  | 140.9 | 4.542 |
| 1T58 | 112.92 | 0.10 | 112.84 | 0.07 | 112.99 | -0.06 |  |  | 140.6 | 4.536 |
| 1T59 | 111.40 | 0.10 | 111.41 | -0.01 | 111.56 | -0.14 | 134.0 | 20.0 | 140.4 | 4.530 |
| 1T60 | 110.24 | 0.10 | 110.02 | 0.20 | 110.17 | -0.07 |  |  | 140.1 | 4.524 |
| 1T62 | 107.44 | 0.10 | 107.35 | 0.09 | 107.49 | -0.05 | 138.0 | 20.0 | 139.8 | 4.514 |
| 1T64 | 104.94 | 0.10 | 104.81 | 0.13 | 104.95 | -0.01 |  |  | 139.4 | 4.506 |
| 1T66 | 102.59 | 0.10 | 102.39 | 0.20 | 102.53 | 0.06 |  |  | 139.2 | 4.498 |
|  |  |  |  |  |  |  |  |  |  |  |
| 2T4 | 420.46 | 0.07 | 420.19 | 0.06 | 420.21 | 0.06 |  |  | 209.4 | 3.803 |
| 2T7 | 363.65 | 0.07 | 363.14 | 0.14 | 363.19 | 0.13 |  |  | 223.4 | 6.092 |
| 2T8 | 343.34 | 0.06 | 343.17 | 0.05 | 343.22 | 0.04 |  |  | 229.2 | 6.697 |
| 2T17 | 219.95 | 0.05 | 220.03 | -0.03 | 220.06 | -0.05 |  |  | 235.6 | 6.844 |
| 2T18 | 211.90 | 0.05 | 212.10 | -0.10 | 212.13 | -0.11 |  |  | 233.6 | 6.738 |
| 2T19 | 204.63 | 0.05 | 204.83 | -0.10 | 204.86 | -0.11 |  |  | 231.6 | 6.646 |
| 2T21 | 191.91 | 0.05 | 191.91 | -0.00 | 191.94 | -0.01 |  |  | 227.3 | 6.494 |
| 2T22 | 186.19 | 0.05 | 186.14 | 0.03 | 186.16 | 0.02 |  |  | 225.2 | 6.430 |
| 2T25 | 171.12 | 0.12 | 170.98 | 0.08 | 171.00 | 0.07 |  |  | 219.3 | 6.266 |
| 2T26 | 166.50 | 0.05 | 166.54 | -0.02 | 166.55 | -0.03 |  |  | 217.5 | 6.220 |
| 2T28 | 158.42 | 0.05 | 158.38 | 0.03 | 158.40 | 0.02 |  |  | 214.3 | 6.137 |
| 2T29 | 154.64 | 0.05 | 154.63 | 0.00 | 154.65 | -0.01 |  |  | 212.9 | 6.100 |
| 2T31 | 147.71 | 0.05 | 147.70 | 0.01 | 147.71 | -0.00 |  |  | 210.3 | 6.033 |
| 2T32 | 144.59 | 0.06 | 144.49 | 0.07 | 144.50 | 0.06 |  |  | 209.1 | 6.001 |
| 2T33 | 141.54 | 0.05 | 141.43 | 0.08 | 141.44 | 0.07 |  |  | 207.9 | 5.970 |
| 2T34 | 138.62 | 0.05 | 138.51 | 0.08 | 138.52 | 0.07 |  |  | 206.7 | 5.939 |
| 2T35 | 135.73 | 0.05 | 135.72 | 0.00 | 135.73 | -0.00 |  |  | 205.6 | 5.908 |
| 2T36 | 133.14 | 0.05 | 133.06 | 0.06 | 133.07 | 0.06 | 183.0 | 20.0 | 204.4 | 5.877 |
| 2T38 | 128.15 | 0.05 | 128.08 | 0.05 | 128.08 | 0.05 | 172.0 | 20.0 | 201.8 | 5.812 |
| 2T40 | 123.56 | 0.05 | 123.50 | 0.05 | 123.51 | 0.05 |  |  | 199.0 | 5.742 |
| 2T41 | 121.43 | 0.05 | 121.36 | 0.06 | 121.36 | 0.06 |  |  | 197.4 | 5.705 |
| 2T44 | 115.49 | 0.05 | 115.42 | 0.06 | 115.42 | 0.06 |  |  | 192.3 | 5.586 |
| 2T47 | 110.22 | 0.05 | 110.15 | 0.06 | 110.15 | 0.07 | 182.0 | 20.0 | 186.6 | 5.458 |
| 2T49 | 106.98 | 0.05 | 106.96 | 0.02 | 106.95 | 0.03 | 207.0 | 20.0 | 182.7 | 5.370 |
| 2T51 | 104.01 | 0.05 | 103.99 | 0.02 | 103.99 | 0.02 | 178.0 | 20.0 | 178.6 | 5.282 |
| 2T52 | 102.60 | 0.05 | 102.59 | 0.01 | 102.58 | 0.02 | 162.0 | 20.0 | 176.7 | 5.239 |
| 2T54 | 99.93 | 0.05 | 99.92 | 0.01 | 99.91 | 0.02 |  |  | 172.8 | 5.156 |
| 2T55 | 98.61 | 0.05 | 98.65 | -0.04 | 98.65 | -0.04 |  |  | 170.9 | 5.116 |
| 2T56 | 97.40 | 0.05 | 97.43 | -0.03 | 97.42 | -0.02 |  |  | 169.1 | 5.077 |
| 2T58 | 95.08 | 0.05 | 95.09 | -0.01 | 95.08 | -0.00 |  |  | 165.6 | 5.004 |
| 2T61 | 91.85 | 0.05 | 91.84 | 0.01 | 91.84 | 0.02 |  |  | 160.9 | 4.907 |
|  |  |  |  |  |  |  |  |  |  |  |
| 3T9 | 259.26 | 0.07 | 259.48 | -0.09 | 259.48 | -0.08 |  |  | 233.9 | 5.454 |
| 3T11 | 240.49 | 0.07 | 240.86 | -0.15 | 240.86 | -0.15 |  |  | 240.1 | 6.439 |
| 3T18 | 184.09 | 0.07 | 184.26 | -0.09 | 184.25 | -0.09 |  |  | 236.3 | 7.317 |
| 3T19 | 178.13 | 0.05 | 178.31 | -0.10 | 178.30 | -0.10 |  |  | 232.8 | 7.156 |
| 3T20 | 172.74 | 0.05 | 172.85 | -0.07 | 172.85 | -0.06 |  |  | 229.5 | 7.004 |
| 3T21 | 167.69 | 0.05 | 167.82 | -0.08 | 167.81 | -0.07 |  |  | 226.7 | 6.873 |
| 3T24 | 154.67 | 0.05 | 154.70 | -0.02 | 154.68 | -0.01 |  |  | 221.4 | 6.628 |
| 3T26 | 147.11 | 0.05 | 147.20 | -0.06 | 147.18 | -0.05 |  |  | 219.9 | 6.546 |
| 3T27 | 143.67 | 0.05 | 143.74 | -0.05 | 143.73 | -0.04 |  |  | 219.5 | 6.517 |
| 3T28 | 140.40 | 0.05 | 140.46 | -0.04 | 140.44 | -0.03 |  |  | 219.2 | 6.492 |
| 3T29 | 137.21 | 0.05 | 137.33 | -0.08 | 137.31 | -0.07 |  |  | 219.1 | 6.470 |
| 3T30 | 134.23 | 0.05 | 134.35 | -0.09 | 134.33 | -0.07 | 215.0 | 20.0 | 219.0 | 6.448 |
| 3T31 | 131.37 | 0.05 | 131.50 | -0.10 | 131.48 | -0.09 |  |  | 218.9 | 6.427 |
| 3T32 | 128.68 | 0.05 | 128.78 | -0.08 | 128.76 | -0.06 |  |  | 218.7 | 6.405 |
| 3T33 | 126.16 | 0.05 | 126.18 | -0.02 | 126.16 | -0.00 |  |  | 218.5 | 6.382 |
| 3T34 | 123.75 | 0.05 | 123.70 | 0.04 | 123.68 | 0.06 |  |  | 218.3 | 6.358 |
| 3T37 | 116.89 | 0.05 | 116.84 | 0.04 | 116.82 | 0.06 |  |  | 217.0 | 6.277 |
| 3T38 | 114.66 | 0.05 | 114.74 | -0.07 | 114.72 | -0.05 |  |  | 216.4 | 6.248 |
| 3T41 | 108.87 | 0.05 | 108.92 | -0.05 | 108.90 | -003 |  |  | 214.2 | 6.157 |
| 3T42 | 107.04 | 0.05 | 107.13 | -0.08 | 107.10 | -0.06 |  |  | 213.4 | 6.127 |
| 3T46 | 100.56 | 0.05 | 100.58 | -0.02 | 100.56 | 0.00 |  |  | 210.2 | 6.015 |
| 3T47 | 99.08 | 0.05 | 99.09 | -0.01 | 99.06 | 0.02 |  |  | 209.5 | 5.990 |
| 3T54 | 89.90 | 0.07 | 89.86 | 0.04 | 89.84 | 0.07 |  |  | 206.1 | 5.851 |
| 3T57 | 86.41 | 0.07 | 86.46 | -0.06 | 86.44 | -0.03 |  |  | 205.0 | 5.803 |
| 3T58 | 85.33 | 0.07 | 85.39 | -0.07 | 85.37 | -0.04 |  |  | 204.6 | 5.786 |
| 3T59 | 84.35 | 0.07 | 84.35 | -0.00 | 84.33 | 0.03 |  |  | 204.2 | 5.769 |
| 3T62 | 81.44 | 0.07 | 81.39 | 0.06 | 81.37 | 0.09 |  |  | 202.6 | 5.713 |
| 3T65 | 78.69 | 0.07 | 78.66 | 0.03 | 78.64 | 0.06 |  |  | 200.4 | 5.647 |
| 3T68 | 76.19 | 0.07 | 76.14 | 0.06 | 76.12 | 0.09 |  |  | 197.4 | 5.568 |
| 3T69 | 75.42 | 0.07 | 75.35 | 0.10 | 75.32 | 0.13 |  |  | 196.3 | 5.539 |
| 3T72 | 73.16 | 0.07 | 73.08 | 0.11 | 73.06 | 0.14 |  |  | 192.3 | 5.446 |
| 3T73 | 72.36 | 0.07 | 72.36 | 0.00 | 72.34 | 0.03 |  |  | 190.8 | 5.413 |
|  |  |  |  |  |  |  |  |  |  |  |
| 4T11 | 199.74 | 0.15 | 200.14 | -0.20 | 200.10 | -0.18 |  |  | 221.1 | 4.726 |
| 4T20 | 155.64 | 0.15 | 155.75 | -0.07 | 155.72 | -0.05 |  |  | 231.7 | 7.482 |
| 4T21 | 151.15 | 0.15 | 151.33 | -0.12 | 151.30 | -0.10 |  |  | 232.2 | 7.493 |
| 4T25 | 136.30 | 0.15 | 136.18 | 0.09 | 136.15 | 0.11 |  |  | 231.6 | 7.162 |
| 4T27 | 130.03 | 0.15 | 129.91 | 0.09 | 129.88 | 0.11 |  |  | 231.1 | 6.998 |
| 4T40 | 101.27 | 0.07 | 101.43 | -0.16 | 101.39 | -0.12 |  |  | 219.9 | 6.352 |
| 4T41 | 99.71 | 0.07 | 99.82 | -0.11 | 99.79 | -0.08 |  |  | 219.0 | 6.320 |
| 4T45 | 93.79 | 0.07 | 93.94 | -0.16 | 93.90 | -0.12 |  |  | 217.3 | 6.231 |
| 4T47 | 91.11 | 0.07 | 91.27 | -0.18 | 91.24 | -0.14 |  |  | 217.3 | 6.206 |
| 4T50 | 87.46 | 0.07 | 87.56 | -0.11 | 87.52 | -0.07 |  |  | 217.9 | 6.185 |
| 4T54 | 82.95 | 0.07 | 83.06 | -0.14 | 83.03 | -0.10 |  |  | 219.1 | 6.164 |
| 4T62 | 75.46 | 0.45 | 75.38 | 0.10 | 75.36 | 0.14 |  |  | 219.0 | 6.082 |
| 4T64 | 73.77 | 0.07 | 73.70 | 0.10 | 73.68 | 0.13 |  |  | 218.2 | 6.051 |
| 4T65 | 72.94 | 0.07 | 72.89 | 0.07 | 72.86 | 0.10 |  |  | 217.6 | 6.034 |
| 4T67 | 71.07 | 0.47 | 71.32 | -0.35 | 71.30 | -0.32 |  |  | 216.5 | 5.998 |
| 4T80 | 63.06 | 0.45 | 62.77 | 0.45 | 62.76 | 0.48 |  |  | 206.5 | 5.740 |
| 4T90 | 57.69 | 0.45 | 57.67 | 0.03 | 57.66 | 0.05 |  |  | 197.8 | 5.516 |
| 4T95 | 55.43 | 0.45 | 55.49 | -0.11 | 55.48 | -0.09 |  |  | 192.1 | 5.381 |
| 4T97 | 54.95 | 0.45 | 54.68 | 0.50 | 54.66 | 0.52 |  |  | 189.6 | 5.323 |
| 4T98 | 54.50 | 0.45 | 54.28 | 0.41 | 54.27 | 0.43 |  |  | 188.3 | 5.294 |
| 4T99 | 53.94 | 0.45 | 53.89 | 0.08 | 53.88 | 0.10 |  |  | 187.0 | 5.265 |
|  |  |  |  |  |  |  |  |  |  |  |
| 5T38 | 97.11 | 0.07 | 97.25 | -0.15 | 97.21 | -0.10 |  |  | 224.5 | 6.584 |
| 5T40 | 94.12 | 0.07 | 94.24 | -0.13 | 94.20 | -0.08 |  |  | 225.4 | 6.569 |
| 5T41 | 92.65 | 0.07 | 92.80 | -0.16 | 92.76 | 0.12 |  |  | 226.1 | 6.568 |
| 5T42 | 91.34 | 0.07 | 91.41 | -0.07 | 91.37 | -0.03 |  |  | 227.0 | 6.569 |
| 5T43 | 89.97 | 0.07 | 90.05 | -0.09 | 90.02 | -0.05 |  |  | 227.9 | 6.572 |
| 5T44 | 88.64 | 0.07 | 88.74 | -0.11 | 88.71 | -0.07 |  |  | 228.9 | 6.575 |
| 5T45 | 87.47 | 0.07 | 87.46 | 0.01 | 87.43 | 0.05 |  |  | 229.8 | 6.576 |
| 5T46 | 86.26 | 0.07 | 86.22 | 0.04 | 86.19 | 0.08 |  |  | 230.7 | 6.577 |
| 5T47 | 85.08 | 0.07 | 85.02 | 0.07 | 84.99 | 0.11 |  |  | 231.5 | 6.575 |
| 5T50 | 81.60 | 0.07 | 81.60 | 0.00 | 81.57 | 0.04 |  |  | 233.1 | 6.554 |
| 5T51 | 80.55 | 0.07 | 80.52 | 0.03 | 80.50 | 0.07 |  |  | 233.4 | 6.541 |
| 5T52 | 79.52 | 0.07 | 79.48 | 0.05 | 79.45 | 0.09 |  |  | 233.4 | 6.526 |
| 5T55 | 76.52 | 0.07 | 76.51 | 0.01 | 76.49 | 0.04 |  |  | 232.6 | 6.462 |
| 5T56 | 75.67 | 0.07 | 75.58 | 0.12 | 75.55 | 0.15 |  |  | 232.0 | 6.436 |
| 5T57 | 74.75 | 0.07 | 74.68 | 0.10 | 74.65 | 0.14 |  |  | 231.2 | 6.408 |
| 5T60 | 72.13 | 0.42 | 72.10 | 0.04 | 72.08 | 0.07 |  |  | 228.3 | 6.314 |
| 5T77 | 60.87 | 0.42 | 60.80 | 0.11 | 60.78 | 0.14 |  |  | 212.3 | 5.884 |
| 5T79 | 59.69 | 0.42 | 59.73 | -0.07 | 59.71 | -0.03 |  |  | 211.7 | 5.864 |
| 5T105 | 48.79 | 0.42 | 48.76 | 0.07 | 48.75 | 0.09 |  |  | 204.9 | 5.720 |
| 5T107 | 47.94 | 0.45 | 48.09 | -0.31 | 48.08 | -0.29 |  |  | 204.1 | 5.702 |
| 5T109 | 47.68 | 0.43 | 47.44 | 0.50 | 47.43 | 0.52 |  |  | 203.3 | 5.680 |
| 5T110 | 47.23 | 0.42 | 47.12 | 0.23 | 47.11 | 0.25 |  |  | 202.8 | 5.667 |
| 5T111 | 46.77 | 0.42 | 46.81 | -0.09 | 46.80 | -0.07 |  |  | 202.2 | 5.653 |
| 5T118 | 44.68 | 0.42 | 44.76 | -0.18 | 44.75 | -0.17 |  |  | 197.0 | 5.519 |
|  |  |  |  |  |  |  |  |  |  |  |
| 6T34 | 97.13 | 0.07 | 97.14 | -0.01 | 97.10 | 0.03 |  |  | 233.1 | 7.138 |
| 6T35 | 95.46 | 0.07 | 95.49 | -0.04 | 95.46 | 0.01 |  |  | 233.7 | 7.081 |
| 6T37 | 92.29 | 0.07 | 92.39 | -0.11 | 92.35 | -0.07 |  |  | 235.6 | 7.007 |
| 6T41 | 86.70 | 0.07 | 86.80 | -0.11 | 86.76 | -0.07 |  |  | 239.9 | 6.941 |
| 6T45 | 81.85 | 0.07 | 81.88 | -0.04 | 81.85 | -0.01 |  |  | 241.7 | 6.868 |
| 6T47 | 79.71 | 0.07 | 79.65 | 0.07 | 79.62 | 0.11 |  |  | 241.3 | 6.811 |
| 6T49 | 77.65 | 0.07 | 77.56 | 0.12 | 77.53 | 0.15 |  |  | 239.9 | 6.740 |
| 6T71 | 60.82 | 0.40 | 60.98 | -0.26 | 60.96 | -.23 |  |  | 223.3 | 6.201 |
| 6T72 | 60.12 | 0.40 | 60.41 | -0.48 | 60.39 | -0.44 |  |  | 223.5 | 6.200 |
| 6T81 | 56.02 | 0.40 | 55.72 | 0.54 | 55.70 | 0.57 |  |  | 222.9 | 6.144 |
| 6T89 | 51.97 | 0.40 | 52.18 | -0.40 | 52.16 | -0.37 |  |  | 218.0 | 6.027 |
| 6T91 | 51.38 | 0.40 | 51.37 | 0.01 | 51.36 | 0.04 |  |  | 216.7 | 5.997 |
| 6T92 | 51.02 | 0.40 | 50.98 | 0.09 | 50.96 | 0.12 |  |  | 216.1 | 5.982 |
| 6T98 | 48.62 | 0.40 | 48.76 | -0.29 | 48.75 | -0.26 |  |  | 212.9 | 5.903 |
| 6T117 | 43.25 | 0.40 | 42.98 | 0.62 | 42.96 | 0.65 |  |  | 207.2 | 5.724 |
| 6T125 | 40.98 | 0.40 | 40.97 | 0.04 | 40.96 | 0.06 |  |  | 204.5 | 5.667 |
| 6T131 | 39.67 | 0.40 | 39.59 | 0.19 | 39.58 | 0.21 |  |  | 202.4 | 5.628 |
| 6T132 | 39.43 | 0.40 | 39.37 | 0.14 | 39.37 | 0.16 |  |  | 202.1 | 5.620 |
| 6T141 | 37.36 | 0.40 | 37.52 | -0.41 | 37.51 | -0.40 |  |  | 197.9 | 5.526 |
| 6T145 | 36.89 | 0.40 | 36.76 | -0.04 | 36.76 | 0.37 |  |  | 195.2 | 5.460 |
| 6T149 | 35.90 | 0.40 | 36.04 | -0.32 | 36.04 | -0.39 |  |  | 191.9 | 5.379 |
| 6T154 | 35.19 | 0.40 | 35.20 | -0.04 | 35.19 | -0.02 |  |  | 186.9 | 5.259 |
| 6T163 | 33.71 | 0.40 | 33.82 | -0.32 | 33.82 | -0.31 |  |  | 176.8 | 5.020 |
|  |  |  |  |  |  |  |  |  |  |  |
| 7T8 | 129.66 | 0.38 | 129.58 | 0.06 | 129.50 | 0.13 |  |  | 211.2 | 2.097 |
| 7T34 | 91.46 | 0.10 | 91.44 | 0.02 | 91.40 | 0.06 |  |  | 246.6 | 7.701 |
| 7T38 | 85.45 | 0.10 | 85.47 | -0.02 | 85.44 | 0.01 |  |  | 249.5 | 7.494 |
| 7T40 | 82.84 | 0.10 | 82.85 | -0.01 | 82.82 | 0.03 |  |  | 248.6 | 7.313 |
| 7T42 | 80.51 | 0.10 | 80.44 | 0.09 | 80.41 | 0.13 |  |  | 246.9 | 7.149 |
| 7T45 | 77.23 | 0.10 | 77.16 | 0.09 | 77.13 | 0.13 |  |  | 242.8 | 6.938 |
| 7T46 | 76.18 | 0.10 | 76.14 | 0.05 | 76.11 | 0.09 |  |  | 241.1 | 6.874 |
| 7T48 | 74.28 | 0.10 | 74.22 | 0.09 | 74.18 | 0.13 |  |  | 237.6 | 6.757 |
| 7T49 | 73.36 | 0.10 | 73.30 | 0.08 | 73.27 | 0.13 |  |  | 235.9 | 6.704 |
| 7T66 | 60.54 | 0.38 | 60.91 | -0.61 | 60.88 | -0.57 |  |  | 232.6 | 6.488 |
| 7T77 | 54.70 | 0.38 | 55.00 | -0.54 | 54.98 | -0.50 |  |  | 227.2 | 6.300 |
| 7T81 | 53.04 | 0.38 | 53.16 | -0.24 | 53.15 | -0.21 |  |  | 223.8 | 6.219 |
| 7T82 | 52.76 | 0.38 | 52.73 | 0.06 | 52.71 | 0.09 |  |  | 223.1 | 6.202 |
| 7T83 | 52.15 | 0.38 | 52.30 | -0.29 | 52.28 | -0.26 |  |  | 222.5 | 6.188 |
| 7T102 | 45.31 | 0.38 | 45.38 | -0.14 | 45.37 | -0.11 |  |  | 222.4 | 6.098 |
| 7T106 | 44.26 | 0.38 | 44.16 | 0.22 | 44.15 | 0.25 |  |  | 221.1 | 6.051 |
| 7T109 | 43.12 | 0.38 | 43.29 | -0.41 | 43.28 | -0.38 |  |  | 219.4 | 6.005 |
| 7T130 | 38.33 | 0.38 | 38.22 | 0.29 | 38.21 | 0.32 |  |  | 207.7 | 5.726 |
| 7T144 | 35.65 | 0.38 | 35.51 | 0.39 | 35.50 | 0.41 |  |  | 260.0 | 5.679 |
| 7T151 | 34.43 | 0.38 | 34.30 | 0.37 | 34.30 | 0.39 |  |  | 204.1 | 5.643 |
| 7T152 | 34.23 | 0.38 | 34.14 | 0.27 | 34.13 | 0.29 |  |  | 203.8 | 5.637 |
| 7T165 | 32.18 | 0.38 | 32.15 | 0.12 | 32.14 | 0.13 |  |  | 197.4 | 5.491 |
| 7T178 | 30.45 | 0.38 | 30.43 | 0.06 | 30.43 | 0.07 |  |  | 186.7 | 5.228 |
| 7T187 | 29.37 | 0.38 | 29.40 | -0.09 | 29.40 | -0.08 |  |  | 177.3 | 5.023 |
| 7T191 | 28.75 | 0.38 | 28.97 | -0.79 | 28.97 | -0.79 |  |  | 173.0 | 4.940 |
|  |  |  |  |  |  |  |  |  |  |  |
| 8T9 | 113.82 | 0.38 | 113.88 | -0.06 | 113.79 | 0.03 |  |  | 202.3 | 1.967 |
| 8T14 | 109.65 | 0.38 | 110.02 | -0.34 | 109.93 | -0.26 |  |  | 204.9 | 2.957 |
| 8T75 | 53.33 | 0.38 | 53.59 | -0.50 | 53.57 | -0.46 |  |  | 227.6 | 6.391 |
| 8T88 | 47.99 | 0.38 | 48.23 | -0.49 | 48.21 | -0.46 |  |  | 231.3 | 6.393 |
| 8T92 | 46.70 | 0.38 | 46.79 | -0.19 | 46.77 | -0.15 |  |  | 231.6 | 6.362 |
| 8T93 | 46.58 | 0.38 | 46.44 | 0.29 | 46.43 | 0.32 |  |  | 231.4 | 6.348 |
| 8T94 | 46.09 | 0.38 | 46.10 | -0.02 | 46.09 | 0.01 |  |  | 230.9 | 6.332 |
| 8T95 | 45.64 | 0.38 | 45.77 | -0.29 | 45.75 | -0.26 |  |  | 230.4 | 6.314 |
| 8T116 | 39.88 | 0.38 | 39.92 | -0.10 | 39.91 | -0.06 |  |  | 217.4 | 5.977 |
| 8T121 | 38.79 | 0.38 | 38.76 | 0.08 | 38.75 | 0.11 |  |  | 219.3 | 6.003 |
| 8T123 | 38.15 | 0.38 | 38.32 | -0.42 | 38.30 | -0.39 |  |  | 220.1 | 6.013 |
| 8T125 | 37.85 | 0.38 | 37.88 | -0.06 | 37.87 | -0.03 |  |  | 220.7 | 6.019 |
| 8T173 | 30.10 | 0.38 | 30.04 | 0.21 | 30.03 | 0.22 |  |  | 199.2 | 5.551 |
| 8T188 | 28.26 | 0.38 | 28.26 | -0.02 | 28.26 | -0.01 |  |  | 195.7 | 5.585 |
| 8T193 | 27.70 | 0.38 | 27.72 | -0.07 | 27.72 | -0.06 |  |  | 193.4 | 5.552 |
| 8T195 | 27.45 | 0.38 | 27.51 | -0.22 | 27.51 | -0.21 |  |  | 192.3 | 5.530 |
| 8T202 | 26.84 | 0.38 | 26.80 | 0.13 | 26.80 | 0.14 |  |  | 187.4 | 5.413 |
| 8T212 | 25.92 | 0.38 | 25.89 | 0.13 | 25.89 | 0.14 |  |  | 178.9 | 5.163 |
| 8T216 | 25.43 | 0.38 | 25.55 | -0.49 | 25.55 | -0.49 |  |  | 175.3 | 5.052 |
|  |  |  |  |  |  |  |  |  |  |  |
| 9T10 | 101.29 | 0.37 | 101.63 | -0.34 | 101.55 | -0.26 |  |  | 213.3 | 2.032 |
| 9T84 | 47.69 | 0.37 | 47.82 | -0.28 | 47.80 | -0.25 |  |  | 237.9 | 6.579 |
| 9T99 | 42.76 | 0.37 | 42.91 | -0.36 | 42.89 | -0.31 |  |  | 223.6 | 6.188 |
| 9T103 | 41.76 | 0.37 | 41.80 | -0.11 | 41.79 | -0.07 |  |  | 223.3 | 6.171 |
| 9T104 | 41.67 | 0.37 | 41.53 | 0.34 | 41.52 | 0.38 |  |  | 223.7 | 6.175 |
| 9T105 | 41.24 | 0.37 | 41.27 | -0.08 | 41.25 | -0.04 |  |  | 224.2 | 6.182 |
| 9T106 | 40.86 | 0.37 | 41.01 | -0.36 | 40.99 | -0.32 |  |  | 224.8 | 6.191 |
| 9T130 | 35.59 | 0.37 | 35.58 | 0.04 | 35.57 | 0.07 |  |  | 219.9 | 6.019 |
| 9T135 | 34.77 | 0.37 | 34.66 | 0.32 | 34.65 | 0.35 |  |  | 214.8 | 5.891 |
| 9T136 | 34.51 | 0.37 | 34.48 | 0.08 | 34.47 | 0.12 |  |  | 214.1 | 5.870 |
| 9T138 | 34.08 | 0.37 | 34.14 | -0.18 | 34.13 | -0.15 |  |  | 212.9 | 5.835 |
| 9T140 | 33.84 | 0.37 | 33.80 | 0.12 | 33.79 | 0.15 |  |  | 212.1 | 5.810 |
| 9T183 | 28.05 | 0.37 | 27.92 | 0.46 | 27.92 | 0.48 |  |  | 198.9 | 5.661 |
| 9T185 | 27.76 | 0.37 | 27.70 | 0.20 | 27.70 | 0.22 |  |  | 198.3 | 5.642 |
| 9T194 | 26.83 | 0.37 | 26.77 | 0.21 | 26.77 | 0.22 |  |  | 196.9 | 5.566 |
| 9T211 | 25.19 | 0.37 | 25.19 | -0.01 | 25.19 | -0.00 |  |  | 195.6 | 5.461 |
| 9T217 | 25.19 | 0.37 | 25.19 | -0.01 | 25.19 | -.000 |  |  | 195.6 | 5.461 |
| 9T220 | 24.65 | 0.37 | 24.68 | -0.15 | 24.68 | -0.15 |  |  | 194.5 | 5.423 |
| 9T229 | 24.33 | 0.37 | 24.44 | -0.45 | 24.44 | -0.44 |  |  | 193.6 | 5.399 |
| 9T229 | 23.68 | 0.37 | 23.74 | -0.23 | 23.74 | -0.23 |  |  | 189.4 | 5.299 |
| 9T237 | 23.19 | 0.37 | 23.16 | 0.14 | 23.16 | 0.14 |  |  | 183.5 | 5.167 |
| 9T241 | 22.81 | 0.37 | 22.89 | -0.32 | 22.89 | -0.32 |  |  | 180.1 | 5.089 |
|  |  |  |  |  |  |  |  |  |  |  |
| 10T11 | 91.24 | 0.36 | 91.07 | 0.19 | 91.00 | 0.26 |  |  | 228.9 | 2.045 |
| 10T18 | 87.29 | 0.36 | 87.41 | -0.14 | 87.35 | -0.07 |  |  | 231.1 | 3.182 |
| 10T109 | 38.80 | 0.36 | 38.90 | -0.25 | 38.88 | -0.22 |  |  | 236.8 | 6.453 |
| 10T113 | 38.03 | 0.36 | 37.95 | 0.22 | 37.93 | 0.26 |  |  | 233.9 | 6.386 |
| 10T115 | 37.70 | 0.36 | 37.49 | 0.55 | 37.48 | 0.58 |  |  | 231.6 | 6.334 |
| 10T117 | 37.10 | 0.36 | 37.06 | 0.11 | 37.04 | 0.14 |  |  | 229.0 | 6.276 |
| 10T118 | 36.78 | 0.36 | 36.84 | -0.17 | 36.83 | -0.14 |  |  | 227.7 | 6.244 |
| 10T134 | 34.01 | 0.36 | 33.82 | 0.57 | 33.80 | 0.60 |  |  | 220.3 | 6.000 |
| 10T144 | 32.16 | 0.36 | 32.17 | -0.03 | 32.16 | 0. |  |  | 221.9 | 6.055 |
| 10T149 | 31.52 | 0.36 | 31.40 | 0.36 | 31.40 | 0.39 |  |  | 219.0 | 6.035 |
| 10T152 | 30.94 | 0.36 | 30.96 | -0.09 | 30.96 | -0.07 |  |  | 216.5 | 6.007 |
| 10T154 | 30.75 | 0.36 | 30.68 | 0.22 | 30.67 | 0.24 |  |  | 214.7 | 5.985 |
| 10T199 | 25.79 | 0.36 | 25.54 | 0.95 | 25.54 | 0.97 |  |  | 203.1 | 5.614 |
| 10T202 | 25.42 | 0.36 | 25.27 | 0.57 | 25.27 | 0.59 |  |  | 201.8 | 5.574 |
| 10T210 | 24.79 | 0.36 | 24.58 | 0.83 | 24.58 | 0.84 |  |  | 199.7 | 5.511 |
| 10T213 | 24.52 | 0.36 | 24.33 | 0.76 | 24.33 | 0.77 |  |  | 199.3 | 5.502 |
| 10T214 | 24.34 | 0.36 | 24.25 | 0.37 | 24.25 | 0.38 |  |  | 199.2 | 5.500 |
| 10T233 | 22.81 | 0.36 | 22.81 | 0.02 | 22.81 | 0.02 |  |  | 195.9 | 5.480 |
| 10T245 | 21.85 | 0.36 | 21.99 | -0.62 | 21.99 | -0.63 |  |  | 191.7 | 5.395 |
| 10T262 | 20.98 | 0.36 | 20.95 | 0.14 | 20.95 | 0.12 |  |  | 182.9 | 5.167 |
| 10T265 | 20.75 | 0.36 | 20.78 | -0.14 | 20.78 | -0.16 |  |  | 180.9 | 5.119 |
|  |  |  |  |  |  |  |  |  |  |  |
| 11T13 | 82.63 | 0.35 | 82.29 | 0.41 | 82.21 | 0.50 |  |  | 221.9 | 2.067 |
| 11T20 | 79.27 | 0.35 | 79.37 | -0.12 | 79.29 | -0.03 |  |  | 219.9 | 3.035 |
|  |  |  |  |  |  |  |  |  |  |  |
| 12T14 | 75.81 | 0.35 | 75.74 | 0.09 | 75.67 | 0.19 |  |  | 216.1 | 2.021 |
| 12T22 | 72.62 | 0.35 | 72.91 | -0.39 | 72.84 | -0.31 |  |  | 220.9 | 3.108 |
|  |  |  |  |  |  |  |  |  |  |  |
| 13T15 | 70.04 | 0.35 | 69.97 | 0.10 | 69.91 | 0.19 |  |  | 226.5 | 2.062 |
| 13T24 | 67.02 | 0.35 | 67.19 | -0.26 | 67.14 | -0.18 |  |  | 229.1 | 3.170 |
|  |  |  |  |  |  |  |  |  |  |  |
| 14T16 | 65.10 | 0.34 | 64.98 | 0.19 | 64.92 | 0.28 |  |  | 222.2 | 1.983 |
| 14T25 | 62.52 | 0.34 | 62.70 | -0.29 | 62.65 | -0.21 |  |  | 219.7 | 2.970 |
|  |  |  |  |  |  |  |  |  |  |  |
| 15T17 | 60.79 | 0.34 | 60.83 | -0.06 | 60.78 | 0.03 |  |  | 216.5 | 1.960 |
| 15T27 | 58.33 | 0.34 | 58.59 | -0.45 | 58.55 | -0.37 |  |  | 222.8 | 3.074 |
|  |  |  |  |  |  |  |  |  |  |  |
| 16T18 | 57.03 | 0.34 | 57.02 | 0.01 | 56.98 | 0.08 |  |  | 229.7 | 2.035 |
| 16T29 | 54.67 | 0.34 | 54.77 | -0.19 | 54.74 | -0.12 |  |  | 234.3 | 3.177 |
|  |  |  |  |  |  |  |  |  |  |  |
| 17T20 | 53.54 | 0.34 | 53.40 | 0.26 | 53.36 | 0.34 |  |  | 228.5 | 2.081 |
| 17T31 | 51.45 | 0.34 | 51.46 | -0.02 | 51.41 | 0.06 |  |  | 223.9 | 3.048 |
|  |  |  |  |  |  |  |  |  |  |  |
| 18T21 | 50.59 | 0.33 | 50.53 | 0.11 | 50.48 | 0.20 |  |  | 216.8 | 1.961 |