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     3.02           OBSERVATION        M (MIXED)           RINE   VERSION /
                    DATA                                   X      TYPE
TPP                 Reference Data Shop 20150603 013614 UTC PGM RUN BY / DATE
                    /
SNPT                                                       MARKER NAME
Nanyang Polytechnic                                        MARKER NUMBER
SiReNT              SINGAPORE LAND AUTHORITY               OBSERVER / AGENCY
5246K53806          TRIMBLE NETR9                          REC    / TYPE / VERS
                                                           #
5323361227          TRM59900.          SCIS                ANT    / TYPE
                    00                                     #
 -1526243.0178 6191002.6859    152481.7527                 APPROX POSITION
                                                           XYZ
        0.0000         0.0000         0.0000               ANTENNA: DELTA
                                                           H/E/N
  G    44 C1C C1P C1W L1C L1P L1W D1C D1P D1W S1C S1P S1W C2P  SYS / # / OBS TYPES
          C2W C2S C2L C2X L2P L2W L2S L2L L2X D2P D2W D2S D2L  SYS / # / OBS TYPES
      D2X       S2P S2S S2L S2X C5I C5Q C5X L5I L5Q L5X D5I    SYS / # / OBS TYPES
                S2W
      D5Q D5X S5I S5   S5                                      SYS / # / OBS TYPES
                  Q    X
 R   16 C1C C1   L1C L1P  D1   D1P S1C S1P C2C C2P L2C L2P     SYS   / #   / OB  TYPE
            P              C    D2C                                S     S
      D2P S2   S2P                                             SYS   / #   / OB  TYPE
            C                                                  S     S
 E    46 C1X C1C C1B L1X L1C L1B D1X S1X S1C S1B C5X C5Q C5I  SYS / # / OBS TYPES L5X
         L5Q L5I S5X S5Q S5I C6X C6C C6B L6X L6C L6B S6X  SYS / # / OBS TYPES S6C S6B
                C8X C8Q C8I L8X L8Q L8I S8X S8Q S8I C7X C7Q  SYS / # / OBS TYPES
      C7I L7X L7Q L7I S7X S7Q S7I                              SYS / #   / OBS TYPES
J     20 C1C C1X L1C L1X D1C D1X S1C S1X C2X L2X D2X S2X      SYS / #   / OBS TYPES
     C5X
      L5X D5X S5X C6X L6X D6X                                  SYS / #   / OBS TYPES
      S6X
C     12 C6X L6X D6X S6X C1X L1X D1X S1X C7X L7X D7X S7X      SYS / #   / OBS TYPES
     15.00                                                     INTERVA
     0                                                         L
       0                                                       RCV CLOCK OFFS APPL
     16                                                        LEAP SECONDS
  2015      06      01       01      00    00.0000000      GPS  TIME OF FIRST OBS
                                                               END OF HEADER
> 2015 06  01    1   0   0.0000000   0 32          0.000000000000
G0    24363593.24                                128031498.0231                                276.262                                37.000                                                                                24363602.727
4           2                                                                6
99764824.59912                                                                                215.270                                                                                17.800
G1    22863124.01                                120146452.4301                                1115.461                               41.500                                                                                22863132.156
4           6                                                                6
93620613.71214                                                                                869.191                                                                                27.000
G1    22174083.52                                116525562.6121                                3160.371                               43.800                                                                                22174089.965
6           3                                                                7
90799155.42915                                                                                2462.625                                                                                32.100
G1    21654004.14                                113792485.4451                                -2655.375                              44.900                                                                                21654011.070
8           1                                                                7
88669503.50115                                                                                -2069.125                                                                               33.300
G2    20093913.79                                105594167.7791                                -700.969                               50.700                                                                                20093917.637
2           7                                                                8
82281204.26917                                                                                -546.211                                                                                44.900
G2    24152862.03                                126924102.8141                                -3436.055                              39.100                                                                                24152873.652                                                                24152874.801
5           1                                                                6
98901945.28813                                98901948.305                                    -2677.445                                                  -2677.445                                20.900                                37.700
                                                16
G2    20460274.38                                107519415.2321                                1280.031                               50.200                                                                                20460283.629                                                                20460283.266
6           3                                                                8
83781400.96617                                83781385.969                                     997.426                                                    997.426                                 44.200                                49.600
                                                18
G2    24626597.63                                129413569.9131                                1822.871                               37.500                                                                                24626608.121                                                                24626608.250
7           3                                                                6
100841797.77913                               100841803.79716                                  1420.418                                                   1420.418                                19.600                                37.400
G2    24546406.63                                128992145.5361                                -287.617                               36.900                                                                                24546420.418                                                                24546420.840
9           3                                                                6
100513479.71612                               100513358.70316                                  -224.117                                                   -224.117                                17.800                                36.100
G3    22214356.24                                116737163.3081                                -1728.879                              45.900                                                                                22214362.922                                                                22214363.281
1           2                                                                7
90964022.63215                                90964026.639                                    -1347.180                                                  -1347.180                                34.900                                43.700
                                                17
G3    23612446.19                                124084245.3161                                3024.922                               39.900                                                                                23612454.578
2           5                                                                6
96689072.28514                                                                                2357.082                                                                                24.900
R03  22910914.78   22910913.309   122644041.7731 122643992.7891   -3212.500                   39.200      38.100   22910922.883   22910923.051   95389803.61816 95389631.62216                                40.000      38.600
          1                                   6              6
R04  19701581.07   19701579.512   105501003.5051 105501007.5191   -140.543                    51.400      50.700   19701585.848   19701585.680   82056372.02618 82056369.03018                                48.000      48.400
          8                                   8              8
R05  20712811.35   20712810.855   110721868.6471 110721837.6281   3229.586                    44.000      42.400   20712818.211   20712818.371   86117011.00517 86117015.01017                                45.800      45.000
          9                                   7              7
R09  22596883.44   22596883.352   120665989.6901 120666068.6981   1825.504                    37.400      36.000   22596890.688   22596889.840   93851388.09614 93851415.10114                                29.800      28.400
          5                                   6              6
R15  22318217.58   22318216.793   119261185.5781 119261452.5821   -3537.012                   41.400      41.000   22318226.688   22318226.215   92758908.45916 92759102.45116                                40.700      40.500
          6                                   6              6
R16  20549568.18   20549567.891   109772298.4831 109772055.4781   -1028.703                   49.300      47.600   20549574.910   20549574.633   85378266.36417 85378261.36817                                45.900      45.000
          0                                   8              7
R18  23597346.99   23597345.445   125964144.9411 125964142.9281   758.488                     40.800      38.800   23597355.551   23597355.316   97972101.90516 97972104.90116                                37.300      36.200
          2                                   6              6
R19  24064852.53   24064850.293   128730902.3921 128730687.4421   442.641                     37.100      34.800   24064858.176   24064858.148   100123839.6081 100123840.6121                                35.600      34.400
          1                                   6              5                                                                                   5              5
J01  34631711.23   34631711.137   181990879.7361 181990893.7311   54.676                      45.200      49.700   34631716.570 141811103.61117                                46.500
          4                                   7              8
C01  37321091.74 157917705.12617                43.400   37321103.000 194340753.50016          6.016       41.100   37321096.457 150276540.13817                                46.300
          6
C02  36683943.74 155221900.81917                44.500   36683951.320 191023067.23516          3.160       41.100   36683947.504 147711191.96118                                48.600
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6
C03 35808426.60 151517171.00117 46.500 35808435.781 186463920.15817 -0.820 43.500 35808431.887 144185715.96218 50.300
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C04 38978169.07 164929377.84016 39.700 38978175.445 202969584.45916 8.734 36.400 38978175.434 156948948.49516 40.200
8
C05 37973339.41 160677688.70217 42.100 37973347.133 197737220.43216 1.215 37.900 37973344.715 152902992.02417 42.700
4
C06 35764017.45 151329301.53117 46.200 35764027.805 186232676.31017 230.816 47.400 35764025.074 144006897.11518 50.000
7
C07 37871274.53 160245848.33617 42.400 37871286.086 197205771.21217 -992.285 43.700 37871283.160 152492002.08117 45.300
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C08 39075404.41 165340871.58216 40.500 39075415.117 203475978.24116 921.520 39.900 39075413.355 157340548.57816 40.700
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C09 35827360.80 151597396.45717 45.900 35827370.586 186562586.78217 749.313 47.100 35827370.168 144262033.28618 50.200
9
C10 37120160.59 157067594.33217 43.200 37120170.023 193294471.45017 -1068.945 44.100 37120170.035 149467553.00017 45.900
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C11 26315832.82 111350787.82916 38.300 26315836.938 137033374.44515 118.551 35.900 26315843.141 105962876.77116 39.700
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C14 25218140.09 106706123.93816 41.100 25218147.977 131317448.90116 -2781.898 38.500 25218149.938 101542952.32416 41.800
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G0 24362810.00 128027383.69 6 272.074 37.700 24362820.031
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99761618.60 3 212.008 19.300
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G1 22859939.50 120129716.80 7 1116.156 42.400 22859947.957
4 8 0
93607572.96 4 869.730 27.600
3
G1 22165070.25 116478195.09 7 3155.367 43.600 22165076.320
6 0 0
90762245.67 5 2458.727 30.600
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G1 21661593.12 113832365.49 7 -2661.813 44.700 21661600.109
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88700578.796 5 -2074.141 33.200
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G2 24162674.08 126975663.04 6 -3438.844 38.900 24162685.531 24162686.418
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98942122.017 3 98942125.034 -2679.617 -2679.617 20.100 37.900
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G2 20456633.15 107500281.60 8 1271.270 50.000 20456642.715 20456642.375
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83766491.63 7 83766476.63 8 990.602 990.602 43.800 48.800
9 5
G2 24621388.24 129386193.61 6 1827.051 38.400 24621398.426 24621398.473
7 2 9
100820465.53 2 100820471.57 6 1423.676 1423.676 17.800 37.800
9 1
G2 24547233.49 128996487.67 6 -291.086 36.300 24547246.559 24547246.863
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100516863.201 3 100516742.185 5 -226.820 -226.820 18.300 34.900
G3 22219291.71 116763100.08 7 -1729.324 45.600 22219298.199 22219298.707
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G3 23603816.03 124038892.72 6 3022.391 39.900 23603824.145
2 1 7
96653732.60 3 2355.109 23.900
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R03 22919926.45 22919925.332 122692283.546 122692234.54 6 -3219.719 -3219.471 39.600 37.100 22919935.813 22919935.254 95427324.930 6 95427152.931 6 -2504.042 -2504.047 39.900 39.100
3 6 9

R04 19701992.32 19701991.691 105503203.351 8 105503207.357 8 -152.711 -152.353 51.100 50.000 19701997.902 19701997.926 82058083.011 7 82058080.008 7 -118.513 -118.505 46.900 46.400
R05 20703757.672 20703756.934 110673467.602 7 110673436.617 7 3223.910 3224.066 43.700 42.400 20703764.047 20703764.434 86079365.760 7 86079369.765 7 2507.626 2507.625 45.100 43.900
R09 22591769.109 22591768.547 120638677.181 6 120638756.179 5 1816.516 1816.601 37.800 35.300 22591775.527 22591775.148 93830145.006 5 93830172.002 4 1412.917 1412.924 30.900 28.900
R15 22328144.836 22328144.395 119314236.063 6 119314503.068 6 -3536.320 -3536.337 41.500 40.700 22328154.621 22328154.035 92800169.887 6 92800363.879 6 -2750.484 -2750.481 39.900 39.500
R16 20552468.836 20552468.547 109787792.687 8 109787549.696 8 -1037.047 -1036.787 48.700 48.100 20552475.605 20552475.320 85390317.395 7 85390312.392 7 -806.385 -806.385 44.600 44.000
R18 23595208.539 23595207.582 125952736.715 6 125952734.714 6 762.609 762.405 40.200 39.400 23595218.199 23595218.066 97963228.827 6 97963231.828 6 592.992 592.988 36.200 36.500
R19 24063603.750 24063602.332 128724221.370 5 128724006.394 5 448.441 448.188 35.100 34.000 24063609.309 24063609.340 100118643.184 5 100118644.188 5 348.629 348.629 34.600 34.400
J01 34631557.672 34631557.801 181990075.402 7 181990089.397 8 52.707 52.727 45.400 49.800 34631563.547 141810476.833 7 41.089 44.700
C01 37321074.410 157917631.698 7 4.901 42.100 37321085.453 194340663.152 6 6.184 41.100 37321079.688 150276470.263 7 4.665 46.400
C02 36683934.750 155221861.793 7 2.601 43.700 36683942.078 191023019.223 6 3.250 41.100 36683938.680 147711154.822 8 2.478 48.100
C03 35808429.152 151517181.776 7 -0.704 46.500 35808438.797 186463933.431 7 -0.789 43.600 35808434.379 144185726.209 8 -0.669 50.000
C04 38978142.762 164929268.484 6 7.289 39.200 38978149.531 202969449.883 6 8.953 36.000 38978149.180 156948844.428 6 6.939 40.800
C05 37973336.469 160677675.749 6 0.870 41.600 37973343.875 197737204.520 6 1.082 37.700 37973342.184 152902979.704 7 0.823 42.800
C06 35763356.680 151326504.368 7 185.509 46.200 35763366.477 186229234.008 7 228.254 47.300 35763364.340 144004235.302 8 176.532 49.600
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C08 39072747.629 165329629.712 6 750.184 39.500 39072757.531 203462143.525 6 923.250 40.200 39072756.527 157329850.671 6 713.885 40.800
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C10 37123239.715 157080623.764 7 -868.612 42.600 37123249.430 193310506.078 7 -1068.910 44.600 37123249.117 149479951.970 7 -826.578 45.000
C11 26315493.734 111349352.808 6 95.056 37.600 26315498.172 137031608.461 5 116.926 35.900 26315504.508 105961511.181 6 90.459 39.200
C14 25226159.141 106740055.369 6 -2263.450 39.800 25226166.648 131359206.517 6 -2785.574 38.700 25226168.660 101575241.883 6 -2153.925 41.100
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93594525.249 4 869.996 26.400
G16 22156070.711 116430901.725 7 3150.281 43.600 22156076.879
90725393.698 5 2454.766 31.700
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88731729.840 5 -2079.328 32.600
G22 20097968.844 105615475.771 8 -719.637 50.200 20097972.379
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98982333.263 6 98982336.271 6 -2681.977 -2681.977 20.100 38.700
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R04 19702436.922 19702436.176 105505585.529 8 105505589.541 8 -165.035 -164.473 51.600 50.300 19702442.066 19702441.988 82059935.801 8 82059932.805 7 -127.928 -127.928 48.100 47.800
R05 20694718.539 20694717.449 110625152.596 7 110625121.592 7 3218.012 3218.315 43.700 42.900 20694724.551 20694725.320 86041787.428 7 86041791.432 7 2503.134 2503.141 46.000 45.100
R09 22586681.234 22586679.734 120611501.562 6 120611580.565 6 1807.016 1807.428 37.800 36.200 22586687.000 22586686.270 93809008.369 5 93809035.370 4 1405.798 1405.801 30.400 28.200
R15 22338070.961 22338070.754 119367276.248 6 119367543.232 6 -3535.773 -3535.659 41.500 40.600 22338080.891 22338080.289 92841423.303 6 92841617.300 6 -2749.986 -2749.983 40.200 40.000
R16 20555393.164 20555391.938 109803412.224 8 109803169.211 7 -1045.609 -1045.146 49.400 47.700 20555398.977 20555398.719 85402465.900 7 85402460.896 7 -812.918 -812.911 45.600 44.200
R18 23593060.727 23593059.770 125941268.931 6 125941266.961 6 766.445 766.332 40.600 39.800 23593069.969 23593069.445 97954309.417 6 97954312.421 5 596.079 596.079 36.500 35.600

R19 24062337.625 24062335.621 128717450.173 5 128717235.220 5 454.336 454.218 35.700 34.400 24062343.305 24062343.621 100113376.609 5 100113377.605 353.340 353.340 34.400 34.300
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C03 35808431.953 151517192.680 7 -0.731 46.300 35808441.328 186463946.868 7 -1.059 43.600 35808437.152 144185736.575 8 -0.698 49.500
C04 38978117.289 164929159.158 6 7.293 39.300 38978123.563 202969315.363 6 8.973 36.300 38978123.496 156948740.387 6 6.942 40.700
C05 37973333.477 160677662.695 6 0.884 40.700 37973340.523 197737188.465 6 1.195 37.700 37973338.801 152902967.267 6 0.841 41.600
C06 35762703.160 151323738.960 7 183.384 46.000 35762713.055 186225830.783 7 225.406 47.000 35762710.734 144001603.703 8 174.507 49.500
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C08 39070085.980 165318366.217 6 751.569 39.200 39070095.578 203448282.190 6 924.789 40.100 39070094.508 157319132.182 6 715.203 40.800
C09 35823056.438 151579182.779 7 605.507 45.200 35823066.250 186540172.224 7 744.926 47.200 35823065.684 144244700.903 8 576.215 49.700
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R04 19702915.758 19702915.363 105508150.345 8 105508154.358 8 -177.090 -176.665 51.900 50.200 19702921.281 19702921.289 82061930.648 7 82061927.651 7 -137.405 -137.405 46.200 46.300
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R09 22581616.070 22581616.094 120584462.881 6 120584541.831 6 1797.734 1798.370 37.200 36.200 22581623.945 22581622.395 93787978.243 4 93788005.249 4 1398.656 1398.654 29.600 27.700
R15 22347994.375 22347993.934 119420305.836 6 119420572.843 6 -3534.902 -3534.958 41.500 40.300 22348003.379 22348003.574 92882668.475 6 92882862.482 6 -2749.392 -2749.394 40.400 39.400
R16 20558340.039 20558339.516 109819156.578 8 109818913.565 8 -1053.797 -1053.478 49.700 48.200 20558346.258 20558346.156 85414711.480 7 85414706.476 7 -819.377 -819.377 45.100 43.800
R18 23590901.984 23590901.262 125929741.642 6 125929739.649 6 770.375 770.339 40.500 39.600 23590910.672 23590910.953 97945343.733 6 97945346.730 6 599.150 599.150 36.500 36.100
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3 5 8
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8 4 8
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C08 39059387.453 165273096.794 6 757.314 39.700 39059397.273 203392571.695 6 932.012 40.400 39059396.082 157276053.176 6 720.670 40.400
C09 35814518.621 151543056.470 7 598.776 45.400 35814528.148 186495713.607 7 736.836 47.500 35814527.789 144210322.627 8 569.803 49.900
C10 37138636.211 157145770.900 7 -868.629 42.200 37138645.969 193390679.198 7 -1069.012 44.900 37138645.492 149541946.803 7 -826.605 45.900
C11 26313866.832 111342467.314 6 88.551 37.300 26313870.789 137023135.025 5 108.898 35.700 26313876.855 105954958.826 6 84.265 37.800
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| G04 | 24358356.055 | 128003984.318 | 6 | 247.836 | 37.700 | 24358367.070 | 99743385.229 | 3 | 193.117 | 20.600 | | | | | | | | | |
| G14 | 22840797.586 | 120029125.731 | 6 | 1119.363 | 41.400 | 22840806.105 | 93529190.260 | 4 | 872.230 | 26.600 | | | | | | | | | |
| G16 | 22111286.898 | 116195560.915 | 7 | 3125.316 | 43.700 | 22111293.215 | 90542011.259 | 5 | 2435.313 | 32.700 | | | | | | | | | |
| G18 | 21707513.086 | 114073674.602 | 7 | -2700.313 | 44.400 | 21707520.285 | 88888611.525 | 5 | -2104.141 | 31.700 | | | | | | | | | |
| G22 | 20108566.258 | 105671166.122 | 8 | -765.504 | 49.900 | 20108569.961 | 82341202.885 | 7 | -596.496 | 44.200 | | | | | | | | | |
| G25 | 24221718.109 | 127285942.445 | 6 | -3456.016 | 38.200 | 24221730.152 | 24221731.020 | 99183897.754 | 3 | 99183900.772 | 6 | -2693.000 | -2693.000 | 19.300 | 37.700 | | | | |
| G26 | 20435312.531 | 107388239.320 | 8 | 1218.641 | 50.200 | 20435322.148 | 20435322.027 | 83679185.890 | 7 | 83679170.893 | 8 | 949.590 | 949.590 | 43.800 | 49.000 | | | | |
| G27 | 24589885.492 | 129220648.901 | 6 | 1851.625 | 37.500 | 24589897.102 | 24589897.039 | 100691469.399 | 3 | 100691475.436 | 6 | 1442.824 | 1442.824 | 19.300 | 38.400 | | | | |
| G29 | 24552402.367 | 129023651.297 | 6 | -312.414 | 37.800 | 24552415.617 | 24552415.957 | 100538029.554 | 3 | 100537908.590 | 5 | -243.441 | -243.441 | 19.000 | 35.400 | | | | |
| G31 | 22248935.430 | 116918877.853 | 7 | -1732.074 | 45.500 | 22248942.168 | 22248942.273 | 91105618.175 | 5 | 91105622.184 | 7 | -1349.668 | -1349.668 | 35.200 | 43.000 | | | | |
| G32 | 23552190.328 | 123767598.296 | 6 | 3006.520 | 40.400 | 23552198.938 | 96442334.385 | 4 | 2342.742 | 24.300 | | | | | | | | | |
| R03 | 22974420.195 | 22974420.367 | 122983997.153 | 6 | 122983948.161 | 6 | -3262.496 | -3262.352 | 39.600 | 38.600 | 22974430.066 | 22974429.508 | 95654212.918 | 6 | 95654040.921 | 6 | -2537.387 | -2537.389 | 38.800 | 37.800 |
| R04 | 19705172.563 | 19705171.582 | 105520236.197 | 8 | 105520240.202 | 8 | -225.781 | -225.428 | 52.000 | 50.500 | 19705177.742 | 19705177.820 | 82071330.718 | 7 | 82071327.721 | 7 | -175.335 | -175.334 | 46.500 | 46.400 |
| R05 | 20649771.852 | 20649771.816 | 110384887.995 | 7 | 110384856.997 | 7 | 3188.895 | 3189.013 | 43.800 | 43.000 | 20649779.121 | 20649779.555 | 85854915.021 | 7 | 85854919.025 | 7 | 2480.330 | 2480.330 | 45.300 | 44.000 |
| R09 | 22561620.133 | 22561619.570 | 120477678.778 | 6 | 120477757.792 | 6 | 1761.574 | 1761.736 | 37.900 | 37.000 | 22561626.359 | 22561624.926 | 93704923.787 | 4 | 93704950.798 | 4 | 1370.282 | 1370.282 | 28.000 | 26.000 |
| R15 | 22387668.398 | 22387667.488 | 119632306.567 | 6 | 119632573.552 | 6 | -3531.539 | -3531.636 | 41.200 | 40.400 | 22387677.863 | 22387677.234 | 93047557.703 | 6 | 93047751.702 | 6 | -2746.859 | -2746.858 | 40.600 | 39.400 |
| R16 | 20570362.391 | 20570361.633 | 109883375.130 | 8 | 109883132.132 | 8 | -1086.656 | -1086.459 | 49.400 | 48.000 | 20570368.184 | 20570368.270 | 85464659.150 | 7 | 85464654.146 | 7 | -845.019 | -845.018 | 45.000 | 44.000 |
| R18 | 23582153.594 | 23582152.164 | 125883043.653 | 6 | 125883041.625 | 6 | 786.172 | 786.004 | 40.200 | 37.500 | 23582162.477 | 23582162.797 | 97909023.037 | 6 | 97909026.033 | 6 | 611.314 | 611.315 | 37.000 | 36.700 |
| R19 | 24055756.031 | 24055753.559 | 128682242.171 | 6 | 128682027.196 | 5 | 484.535 | 484.297 | 38.000 | 35.900 | 24055760.836 | 24055761.270 | 100085992.264 | 5 | 100085993.256 | 5 | 376.697 | 376.695 | 35.500 | 33.700 |
| J01 | 34630757.281 | 34630757.754 | 181985868.132 | 7 | 181985882.131 | 8 | 40.875 | 40.954 | 45.200 | 49.600 | 34630763.230 | 141807198.288 | 7 | 31.917 | 44.600 | | | | | |
| C01 | 37320970.766 | 157917191.817 | 7 | 4.897 | 44.600 | 37320981.773 | 194340121.902 | 6 | 5.980 | 41.100 | 37320975.727 | 150276051.646 | 7 | 4.657 | 46.300 | | | | | |
| C02 | 36683879.055 | 155221626.973 | 7 | 2.627 | 45.900 | 36683886.844 | 191022730.345 | 6 | 3.324 | 41.100 | 36683882.918 | 147710931.348 | 8 | 2.492 | 48.600 | | | | | |
| C03 | 35808445.039 | 151517248.504 | 7 | -0.748 | 47.500 | 35808454.469 | 186464015.629 | 7 | -0.922 | 43.400 | 35808450.230 | 144185789.692 | 8 | -0.708 | 50.700 | | | | | |
| C04 | 38977987.883 | 164928612.187 | 6 | 7.327 | 40.800 | 38977994.258 | 202968642.292 | 6 | 9.148 | 36.100 | 38977994.297 | 156948219.872 | 6 | 6.973 | 40.300 | | | | | |
| C05 | 37973317.762 | 160677596.621 | 7 | 0.906 | 43.200 | 37973325.227 | 197737107.292 | 6 | 1.258 | 37.500 | 37973323.281 | 152902904.360 | 7 | 0.859 | 42.800 | | | | | |
| C06 | 35759547.902 | 151310388.692 | 7 | 172.805 | 47.300 | 35759558.383 | 186209401.396 | 7 | 212.660 | 47.200 | 35759555.535 | 143988899.394 | 8 | 164.446 | 49.300 | | | | | |
| C07 | 37891224.387 | 160330261.318 | 7 | -801.566 | 43.600 | 37891235.547 | 197309653.805 | 7 | -986.359 | 43.400 | 37891232.793 | 152572330.533 | 7 | -762.776 | 44.900 | | | | | |
| C08 | 39056699.965 | 165261725.731 | 6 | 758.755 | 40.800 | 39056710.109 | 203378578.015 | 6 | 933.785 | 40.300 | 39056709.059 | 157265232.324 | 6 | 722.034 | 40.900 | | | | | |
| C09 | 35812399.156 | 151534087.861 | 7 | 597.130 | 46.300 | 35812408.789 | 186484676.446 | 7 | 734.844 | 47.300 | 35812408.262 | 144201787.984 | 8 | 568.237 | 48.800 | | | | | |
| C10 | 37141715.809 | 157158799.891 | 7 | -868.592 | 44.000 | 37141725.328 | 193406713.276 | 7 | -1068.867 | 44.300 | 37141725.066 | 149554345.344 | 7 | -826.562 | 46.000 | | | | | |
| C11 | 26313555.316 | 111341149.344 | 6 | 87.250 | 38.700 | 26313559.227 | 137021513.093 | 5 | 107.348 | 35.600 | 26313565.387 | 105953704.617 | 6 | 83.030 | 38.700 | | | | | |
| C14 | 25274485.438 | 106944537.898 | 6 | -2280.333 | 41.100 | 25274493.203 | 131610852.387 | 6 | -2806.363 | 38.800 | 25274495.438 | 101769830.006 | 7 | -2170.002 | 42.000 | | | | | |

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G14 22837602.242 120012333.536 6 1119.582 41.600 22837610.129
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90505512.335 2431.164 32.700
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88920211.385 -2109.195 31.500
G22 20110764.664 105682718.631 8 -774.930 48.800 20110768.617
82350204.837 -603.840 44.400
G25 24231587.633 127337805.560 6 -3458.965 38.200 24231599.398 24231600.020
99224310.483 99224313.496 6 -2695.297 -2695.297 19.900 38.200
G26 20431846.773 107370027.273 8 1209.602 50.000 20431856.129 20431856.016
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G27 24584595.258 129192844.415 6 1855.625 38.400 24584606.293 24584606.141
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G29 24553300.172 129028365.872 6 -316.301 38.500 24553313.043 24553313.313
100541703.290 3 100541582.282 5 -246.469 -246.469 19.000 35.900
G31 22253880.680 116944864.202 7 -1732.703 45.100 22253887.082 22253887.383
91125867.255 91125871.253 7 -1350.160 -1350.160 34.800 43.300
G32 23543612.336 123722522.389 6 3003.594 40.900 23543621.223
96407210.294 2340.461 24.400
R03 22983573.023 22983571.316 123032989.886 6 6 -3269.926 -3269.441 39.700 37.900 22983582.688 22983581.715 95692318.298 6 95692146.294 6 -2542.910 -2542.910 39.600 39.700
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R04 19705822.133 19705821.738 105523715.038 8 8 -238.098 -237.618 52.300 50.500 19705827.910 19705827.699 82074036.471 8 82074033.474 8 -184.810 -184.809 48.400 48.000
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R05 20640833.256 20640832.168 110337101.047 7 110337070.057 7 3182.637 3183.000 44.400 42.400 20640839.547 20640839.883 85817747.411 7 85817751.414 7 2475.668 2475.668 46.100 45.500
R09 22556685.609 22556683.523 120451325.975 6 120451404.961 6 1752.137 1752.596 39.100 37.600 22556689.832 22556689.219 93684427.146 4 93684454.150 4 1363.128 1363.127 28.400 26.100
R15 22397579.891 22397579.449 119685275.165 6 6 -3530.961 -3530.858 41.300 41.300 22397588.574 22397589.230 93088755.454 6 93088949.453 6 -2746.222 -2746.221 40.200 39.600
119685542.167
R16 20573426.016 20573424.906 109899737.868 8 8 -1095.098 -1094.668 49.600 48.100 20573431.473 20573431.371 85477385.689 7 85477380.693 7 -851.396 -851.396 45.900 44.500
109899494.871
R18 23579938.602 23579937.645 125871223.258 6 125871221.264 6 789.879 789.793 39.300 38.300 23579948.535 23579948.691 97899829.394 6 97899832.387 6 614.307 614.311 37.300 37.100
R19 24054388.656 24054387.590 128674929.854 6 128674714.850 6 490.293 490.337 37.700 37.100 24054394.828 24054394.809 100080304.808 5 100080305.828 5 381.350 381.346 34.400 34.400
J01 34630643.391 34630643.867 181985269.784 7 181985283.776 8 38.742 38.974 45.300 49.300 34630649.527 141806732.017 7 30.368 46.000
C01 37320953.332 157917118.672 7 4.878 42.300 37320964.297 194340031.898 6 5.848 41.300 37320958.156 150275982.035 7 4.643 46.600
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C03 35808447.898 151517259.992 7 -0.775 46.300 35808457.063 186464029.777 7 -1.070 43.500 35808453.105 144185800.604 8 -0.741 49.900
C04 38977961.934 164928502.788 6 7.298 39.500 38977969.063 202968507.666 6 8.707 36.200 38977968.355 156948115.763 6 6.946 40.200
C05 37973314.848 160677583.314 6 0.855 41.000 37973321.781 197737090.937 6 0.707 37.600 37973320.316 152902891.685 7 0.816 42.800
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C09 35810285.605 151525144.656 7 595.406 45.300 35810295.438 186473670.546 7 732.516 47.100 35810294.520 144193277.511 8 566.592 49.800
C10 37144794.594 157171828.594 7 -868.577 42.300 37144804.023 193422747.012 7 -1069.059 45.300 37144804.043 149566743.628 7 -826.550 45.500
C11 26313248.590 111339851.552 6 85.895 37.300 26313252.242 137019916.005 5 105.578 35.500 26313258.793 105952469.618 6 81.742 37.400
C14 25282574.660 106978765.588 6 -2283.174 40.200 25282582.086 131652974.580 6 -2810.031 38.700 25282584.520 101802401.492 6 -2172.691 41.800
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90469073.235 2427.277 32.300

G18 21722965.359 114154875.917 -2712.934 44.500 21722972.113
88951885.150 -2113.973 32.000
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G25 24241464.406 127389710.525 -3461.820 38.200 24241476.324 24241477.332
99264755.829 99264758.858 6 -2697.523 -2697.523 19.000 37.200
G26 20428406.461 107351947.496 1200.918 50.000 20428415.637 20428415.438
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G27 24579293.555 129164979.012 1859.734 37.500 24579303.762 24579303.703
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G31 22258826.914 116970856.353 -1733.000 45.500 22258833.492 22258833.863
91146120.835 91146124.836 7 -1350.391 -1350.391 35.300 43.000
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R05 20631910.14 20631909.754 110289403.88 7 110289372.88 7 3176.816 3176.968 43.900 42.600 20631916.930 20631917.383 85780649.626 7 85780653.637 7 2470.961 2470.955 45.400 44.400
1 7 9
R09 22551774.92 22551774.945 120425110.41 6 120425189.42 6 1743.152 1743.388 37.900 36.500 22551781.902 22551780.352 93664037.213 4 93664064.217 4 1356.000 1356.000 28.900 25.700
2 1 8
R15 22407490.05 22407489.730 119738229.68 6 6 -3529.801 -3529.877 41.600 40.100 22407500.012 22407499.563 93129942.246 6 93130136.243 6 -2745.440 -2745.437 39.600 40.000
5 8 119738496.714
R16 20576511.82 20576510.719 109916223.10 8 8 -1103.117 -1102.832 50.000 48.000 20576517.461 20576517.539 85490207.518 7 85490202.515 7 -857.763 -857.763 45.000 44.100
8 6 109915980.101
R18 23577713.43 23577712.480 125859344.96 6 125859342.93 6 793.730 793.681 39.500 38.500 23577722.543 23577723.383 97890590.708 6 97890593.705 6 617.280 617.287 37.700 36.900
8 0 6
R19 24053004.22 24053003.984 128667527.06 6 128667312.04 5 496.473 496.351 37.500 35.100 24053011.852 24053011.453 100074547.007 5 100074548.012 386.008 386.008 34.400 34.100
7 7 7 5
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C08 39051310.27 165238919.521 6 761.559 40.000 39051320.227 203350511.707 6 937.297 40.200 39051319.031 157243529.634 6 724.710 40.900
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C09 35808178.12 151516226.724 7 593.719 45.300 35808187.758 186462695.753 7 730.582 47.700 35808187.098 144184791.090 8 564.992 49.300
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G25 24251349.836 127441657.005 6 -3464.289 37.500 24251361.664 24251362.313
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G29 24555124.648 129037957.069 6 -323.328 38.400 24555138.238 24555138.344
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G31 22263774.008 116996854.025 7 -1733.344 45.000 22263780.734 22263781.223
91166378.738 91166382.737 7 -1350.656 -1350.656 34.700 43.200
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96337057.383 2336.336 26.000
R03 23001938.820 23001936.059 123131292.159 6 6 -3283.746 -3283.473 40.000 38.400 23001946.734 23001945.906 95768775.497 6 95768603.496 6 -2553.825 -2553.824 37.700 38.200
9 123131243.154
R04 19707224.547 19707224.152 105531222.048 8 8 -262.500 -262.016 51.500 50.500 19707229.789 19707229.898 82079875.232 8 82079872.236 7 -203.796 -203.796 48.500 47.400
1 105531226.041
R05 20623004.320 20623003.699 110241797.187 7 110241766.191 7 3170.836 3170.980 43.900 42.500 20623011.133 20623011.672 85743622.197 7 85743626.201 7 2466.329 2466.330 45.900 45.700
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R09 22546890.836 22546891.098 120399032.357 6 120399111.360 6 1734.004 1734.270 38.300 36.300 22546896.703 22546896.094 93643754.239 4 93643781.249 4 1348.913 1348.913 27.700 25.800
7 0
R15 22417397.766 22417397.441 119791170.626 6 6 -3528.816 -3528.903 41.700 40.900 22417406.453 22417406.645 93171118.460 6 93171312.459 6 -2744.715 -2744.714 40.400 39.200
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R16 20579620.289 20579620.234 109932830.278 8 8 -1111.184 -1110.950 49.200 48.400 20579627.121 20579627.035 85503124.178 7 85503119.175 7 -864.071 -864.072 45.400 45.100
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R18 23575477.789 23575476.359 125847409.005 6 125847407.016 6 797.660 797.536 39.900 38.700 23575486.367 23575486.840 97881307.184 6 97881310.177 6 620.318 620.322 37.100 36.500
5 6
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C11 26311787.85 111333670.941 6 79.024 38.100 26311791.313 137012309.929 6 97.219 36.000 26311798.438 105946588.042 6 75.201 39.500
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R05 20587552.609 20587551.398 110052285.847 110052254.857 3146.230 3146.362 44.700 42.900 20587558.949 20587559.336 85596224.528 7 85596228.539 7 2447.171 2447.164 46 .700 46.100
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91328569.285 5 91328573.290 7 -1352.324 -1352.324 35.300 43.800
G32 23458271.234 123274051.108 6 2975.609 41.000 23458279.992
96057752.172 4 2318.656 25.600
R03 23076173.172 23076170.996 123528672.386 6 123528623.426 6 -3338.977 -3338.767 37.200 36.300 23076181.152 23076180.398 96077848.491 6 96077676.490 6 -2596.753 -2596.757 38.100 37.300
R04 19714202.703 19714202.664 105568592.725 8 105568596.739 8 -360.324 -360.003 51.700 50.100 19714208.633 19714208.602 82108941.229 8 82108938.232 8 -280.001 -279.999 48.000 48.200
R05 20552379.617 20552378.172 109864265.637 7 109864234.627 7 3121.078 3121.257 44.300 42.800 20552385.621 20552386.016 85449986.628 7 85449990.632 7 2427.636 2427.635 47.000 45.900
R09 22508750.719 22508750.391 120195363.577 6 120195442.601 5 1660.656 1660.842 36.800 35.000 22508757.762 22508756.566 93485345.006 4 93485372.015 4 1291.775 1291.769 28.700 28.000
R15 22496552.047 22496550.316 120214141.686 7 120214408.679 6 -3520.289 -3520.269 42.200 40.700 22496559.977 22496559.852 93500095.469 6 93500289.473 6 -2738.005 -2738.009 39.400 39.300
R16 20605305.328 20605304.219 110070032.432 8 110069789.448 8 -1175.109 -1174.963 49.600 48.000 20605311.410 20605311.113 85609836.748 7 85609831.746 7 -913.837 -913.837 45.400 44.700
R18 23557207.039 23557206.551 125749880.762 6 125749878.776 6 827.797 827.506 38.700 38.400 23557216.813 23557216.348 97805451.979 6 97805454.979 6 643.647 643.643 37.100 37.300
R19 24039790.047 24039787.926 128596829.433 6 128596614.443 5 550.852 550.690 37.100 35.900 24039796.359 24039795.715 100019559.233 5 100019560.237 5 428.322 428.322 35.700 34.400
J01 34629810.578 34629810.621 181980890.131 7 181980904.128 8 19.516 19.584 46.000 49.600 34629816.203 141803319.040 7 15.262 46.400
C01 37320780.824 157916387.976 7 4.891 44.500 37320791.680 194339132.782 6 6.113 41.200 37320785.875 150275286.674 7 4.658 47.300

C02 36683776.848 155221193.812 7 2.635 45.300 36683784.922 191022197.465 6 3.246 41.100 36683780.750 147710519.092 8 2.511 49.000
C03 35808476.352 151517379.555 7 -0.822 47.100 35808485.680 186464177.052 7 -0.965 43.600 35808481.734 144185914.375 8 -0.786 50.500
C04 38977703.281 164927407.083 6 7.299 39.900 38977709.258 202967159.379 5 9.008 35.800 38977709.617 156947073.046 6 6.944 40.600
C05 37973282.594 160677445.669 7 0.934 42.800 37973289.430 197736921.800 6 1.328 37.600 37973288.129 152902760.643 7 0.893 44.000
C06 35753269.836 151283822.412 7 149.371 47.200 35753279.938 186176707.851 8 183.746 48.000 35753277.281 143963618.550 8 142.146 49.900
C07 37922329.707 160461877.755 7 -793.743 43.400 37922341.258 197471627.162 7 -976.734 43.200 37922338.500 152697578.371 7 -755.339 44.500
C08 39026808.355 165135243.431 6 774.239 40.300 39026818.039 203222923.372 6 953.031 40.500 39026817.035 157144870.081 6 736.780 41.300
C09 35789481.145 151437113.639 7 578.391 46.400 35789491.086 186365335.735 7 711.848 47.200 35789490.250 144109506.027 8 550.404 50.200
C10 37175579.020 157302084.156 7 -868.080 43.400 37175588.023 193583045.584 7 -1068.211 44.600 37175588.207 149690696.449 7 -826.076 45.500
C11 26310453.387 111328020.134 6 71.792 38.700 26310456.414 137005355.816 6 88.285 36.500 26310463.652 105941210.657 6 68.323 39.200
C14 25363998.855 107323293.561 6 -2310.176 41.500 25364004.508 132076966.915 6 -2842.949 38.400 25364008.250 102130258.607 6 -2198.387 40.700
> 2015 06 01 1 4 45.0000000 0 32 0.000000000000
G04 24350685.336 127963668.300 6 200.305 36.500 24350694.688
99711969.841 3 156.082 20.100
G14 22802375.398 119827211.915 6 1123.852 41.700 22802382.480
93371854.708 4 875.730 28.300
G16 22005307.266 115638633.818 7 3062.141 44.500 22005313.031
90108042.060 5 2386.082 32.800
G18 21801296.578 114566506.948 7 -2775.051 44.200 21801303.316
89272635.945 5 -2162.379 31.000
G22 20136673.969 105818872.710 8 -875.473 48.500 20136677.949
82456298.747 7 -682.188 43.900
G25 24340661.188 127910989.542 6 -3488.238 37.800 24340673.652 24340674.492
99670946.561 3 99670949.553 6 -2718.109 -2718.109 19.900 38.200
G26 20395394.438 107178467.069 8 1111.949 49.900 20395403.277 20395403.234
83515726.854 7 83515711.856 8 866.453 866.453 44.100 49.000
G27 24525634.602 128882998.636 6 1899.848 36.200 24525645.336 24525645.645
100428364.703 3 100428370.706 6 1480.402 1480.402 19.000 38.600
G29 24563855.586 129083835.737 6 -356.570 37.200 24563869.043 24563868.934
100584926.445 2 100584805.471 5 -277.848 -277.848 17.800 35.800
G31 22308336.445 117231032.870 7 -1735.738 46.000 22308343.563 22308343.770
91348855.496 5 91348859.498 7 -1352.523 -1352.523 34.500 42.800
G32 23449782.164 123229439.526 6 2972.516 39.700 23449790.813
96022989.904 4 2316.246 24.800
R03 23085536.641 23085537.047 123578807.932 6 123578758.960 6 -3345.984 -3345.548 38.300 36.900 23085546.047 23085546.160 96116842.747 6 96116670.755 6 -2602.063 -2602.067 38.100 37.600
R04 19715229.852 19715229.578 105574091.824 8 105574095.837 8 -372.773 -372.303 52.300 50.800 19715235.625 19715235.617 82113218.288 7 82113215.292 7 -289.561 -289.567 46.600 46.500
R05 20543631.008 20543629.680 109817497.664 7 109817466.673 7 3114.570 3114.894 44.500 42.800 20543636.773 20543637.480 85413611.550 7 85413615.554 7 2422.701 2422.701 45.400 45.000
R09 22504099.289 22504099.551 120170525.397 6 120170604.415 5 1651.289 1651.585 36.600 35.200 22504107.363 22504105.816 93466026.411 4 93466053.422 4 1284.587 1284.573 28.600 25.800
R15 22506431.172 22506430.262 120266936.555 7 120267203.550 6 -3519.094 -3519.087 42.100 40.800 22506440.168 22506440.027 93541158.093 6 93541352.092 6 -2737.065 -2737.065 39.400 38.600
R16 20608616.234 20608614.891 110087719.528 8 110087476.528 8 -1183.152 -1182.808 49.500 48.500 20608622.156 20608621.785 85623593.348 7 85623588.345 7 -919.956 -919.956 45.000 43.400
R18 23554875.492 23554875.121 125737438.656 6 125737436.659 6 831.285 831.193 39.500 38.400 23554885.293 23554885.520 97795774.811 6 97795777.808 6 646.481 646.480 38.000 37.000
R19 24038236.352 24038234.699 128588520.959 6 128588305.962 5 556.801 556.701 36.600 35.500 24038243.000 24038242.961 100013097.010 5 100013098.015 5 432.972 432.979 35.300 35.100
J01 34629757.313 34629757.523 181980611.901 7 181980625.898 8 17.645 17.683 45.100 49.500 34629763.047 141803102.206 7 13.783 44.900
C01 37320763.805 157916315.103 7 4.857 42.500 37320774.234 194339043.105 6 5.914 41.100 37320768.680 150275217.327 7 4.620 46.600
C02 36683767.738 155221154.292 7 2.640 43.400 36683775.758 191022148.848 6 3.180 40.900 36683771.551 147710481.483 8 2.515 49.000
C03 35808479.305 151517392.068 7 -0.833 46.100 35808488.547 186464192.450 7 -1.105 43.500 35808484.531 144185926.268 8 -0.789 50.500
C04 38977677.363 164927297.428 6 7.277 38.800 38977684.023 202967024.443 6 8.855 36.100 38977683.641 156946968.691 6 6.927 40.200
C05 37973279.160 160677431.635 6 0.943 41.600 37973285.984 197736904.552 6 1.207 37.500 37973284.785 152902747.288 7 0.898 44.400
C06 35752744.293 151281599.035 7 147.251 46.000 35752754.289 186173971.669 7 181.117 47.100 35752751.586 143961502.751 8 140.128 50.000

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C07 | 37925142.070 | 160473778.159 | 7 | -793.020 | 42.300 | 37925153.555 | 197486272.366 | 7 | -975.941 | 42.900 | 37925151.277 | 152708902.938 | 7 | -754.643 | 44.300 |
| C08 | 39024061.273 | 165123619.096 | 6 | 775.632 | 40.000 | 39024070.945 | 203208617.985 | 6 | 954.527 | 40.400 | 39024069.859 | 157133808.222 | 6 | 738.096 | 40.900 |
| C09 | 35787434.098 | 151428451.820 | 7 | 576.665 | 45.100 | 35787443.766 | 186354676.121 | 7 | 709.563 | 47.300 | 35787443.164 | 144101263.328 | 8 | 548.761 | 50.300 |
| C10 | 37178655.988 | 157315105.194 | 7 | -868.019 | 42.800 | 37178665.359 | 193599069.882 | 7 | -1068.305 | 44.300 | 37178665.453 | 149703087.440 | 7 | -826.024 | 45.800 |
| C11 | 26310201.238 | 111326955.481 | 6 | 70.307 | 37.600 | 26310204.750 | 137004045.622 | 6 | 86.469 | 36.200 | 26310211.578 | 105940197.528 | 6 | 66.909 | 40.000 |
| C14 | 25372193.316 | 107357967.293 | 6 | -2312.786 | 39.000 | 25372200.656 | 132119638.037 | 6 | -2846.246 | 38.300 | 25372202.465 | 102163254.566 | 6 | -2200.879 | 40.100 |