

## **Appendix A**

Rationale for Tier I Water Budget Subwatershed delineation

### **Tier I Sub Watershed Delineation**

| <b>Name</b>                                 | <b>SWAT Sub Watersheds</b> | <b>Municipal Systems</b>                            | <b>Rationale</b>                                                                                                                                                                                                            |
|---------------------------------------------|----------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| North Maitland                              | 401-412, 439               | Harriston, Palmerston, Wingham                      | -Includes “groundwatershed” for the Harriston, Palmerston and Wingham Systems<br>-Extended to incorporate existing surface water watersheds                                                                                 |
| Nine Mile                                   | 501-508                    | Lucknow, Whitechurch, Dungannon                     | -Includes “groundwatershed” for the Lucknow, Whitechurch and Dungannon Systems<br>-Extended to incorporate existing surface water watersheds                                                                                |
| MVCA Gullies North                          | 601-679                    | Huron Sands                                         | -Includes “groundwatershed” for the Huron Sands System<br>-Extended to incorporate existing surface water watersheds                                                                                                        |
| Little Maitland                             | 413-421                    | None                                                | -Includes large area of similar hydrology and water use<br>-No municipal Supplies                                                                                                                                           |
| Middle Maitland (Including the Boyle Drain) | 422-438                    | Gowanstown, Listowel, Atwood, Molesworth, Brussels  | -Includes “groundwatershed” for the Gowanstown, Listowel, Atwood, Molesworth and Brussels Systems<br>-Extended to incorporate existing surface water watersheds                                                             |
| Lower Maitland (Including Blyth Brook)      | 440-447, 458, 460-463      | Benmiller, Century Heights, Blyth, Auburn, Belgrave | -Includes “groundwatershed” for the Benmiller, Century Heights, Blyth, Auburn, and Belgrave Systems<br>-Includes Sharpe’s Creek – well known coldwater system<br>-Extended to incorporate existing surface water watersheds |

|                                               |                  |                                                                |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------|------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Goderich/Bayfield Gullies                     | 700-764          | McClinchey, Kelley, v.d. wetering, Dundas, SAM, Harbour Lights | -Includes large area of similar hydrology and low/no surface water use<br>-Includes McClinchey, Kelley, v.d. wetering, Dundas, SAM, Harbour Lights municipal Supplies' "groundwatershed"                                                                        |
| South Maitland                                | 448-457,459      | None                                                           | -Includes large area of similar hydrology and low/no surface water use<br>-No municipal Supplies<br>-Includes Large Wildlife/wetland complex (Hullet)                                                                                                           |
| Bayfield                                      | 301-337          | Clinton, Seaforth, Brucefield                                  | -Includes "groundwatershed" for the Clinton Seaforth, and Brucefield Systems<br>-Extended to incorporate existing surface water watersheds<br>-Includes Trick's Creek, and Bannockburn River – well known coldwater systems                                     |
| Parkhill                                      | 201-247          | None                                                           | -Includes large area of similar hydrology and significant surface water use<br>-No municipal Supplies                                                                                                                                                           |
| Ausable (Including Nairn Creek and Mud Creek) | 101-175, 896-899 | Hensall, Exeter, Zurich                                        | -Includes "groundwatershed" for the Hensall, Exeter and Zurich Systems<br>-Known area of groundwater/surface water interaction – Hay Swamp<br>-Includes Nairn Creek – well known coldwater system<br>-Extended to incorporate existing surface water watersheds |
| ABCA Gullies                                  | 800-895          | None                                                           | -Includes large area of similar hydrology and significant surface water use<br>-No municipal Supplies                                                                                                                                                           |

## **Appendix B**

Average Monthly and Annual Precipitation, Run-off, Recharge, Groundwater Discharge and Evapotranspiration Values Derived from Surface Water Modeling.

All values expressed as mm of equivalent Precipitation.

# Precipitation

| SWA | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep    | Oct   | Nov    | Dec   | Annual  |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|---------|
| 101 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 102 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 103 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 104 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 105 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 106 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 107 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 108 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 109 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 110 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 111 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 112 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 113 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 114 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 115 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 116 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 117 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 118 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 119 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 120 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 121 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 122 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 123 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 124 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 125 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 126 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 127 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 128 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 129 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 130 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04  |
| 131 | 74.70 | 55.92 | 67.33 | 80.94 | 97.62 | 80.02 | 87.67 | 86.61 | 94.67  | 84.85 | 102.75 | 79.42 | 992.47  |
| 132 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 133 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 134 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 135 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 136 | 74.70 | 55.92 | 67.33 | 80.94 | 97.62 | 80.02 | 87.67 | 86.61 | 94.67  | 84.85 | 102.75 | 79.42 | 992.47  |
| 137 | 74.70 | 55.92 | 67.33 | 80.94 | 97.62 | 80.02 | 87.67 | 86.61 | 94.67  | 84.85 | 102.75 | 79.42 | 992.47  |
| 138 | 74.70 | 55.92 | 67.33 | 80.94 | 97.62 | 80.02 | 87.67 | 86.61 | 94.67  | 84.85 | 102.75 | 79.42 | 992.47  |
| 139 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 140 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 141 | 74.70 | 55.92 | 67.33 | 80.94 | 97.62 | 80.02 | 87.67 | 86.61 | 94.67  | 84.85 | 102.75 | 79.42 | 992.47  |
| 142 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 143 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 144 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 145 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 146 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 147 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |
| 148 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 149 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56  |

|     |       |       |       |       |       |       |       |       |        |       |        |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|
| 150 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56 |
| 151 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56 |
| 152 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56 |
| 153 | 62.29 | 54.26 | 65.26 | 80.05 | 83.94 | 78.32 | 72.62 | 67.54 | 96.59  | 83.54 | 93.78  | 78.72 | 916.87 |
| 154 | 75.40 | 54.41 | 57.55 | 76.45 | 80.75 | 78.73 | 84.28 | 74.24 | 118.36 | 89.05 | 92.79  | 79.57 | 961.56 |
| 155 | 62.29 | 54.26 | 65.26 | 80.05 | 83.94 | 78.32 | 72.62 | 67.54 | 96.59  | 83.54 | 93.78  | 78.72 | 916.87 |
| 156 | 62.29 | 54.26 | 65.26 | 80.05 | 83.94 | 78.32 | 72.62 | 67.54 | 96.59  | 83.54 | 93.78  | 78.72 | 916.87 |
| 157 | 62.29 | 54.26 | 65.26 | 80.05 | 83.94 | 78.32 | 72.62 | 67.54 | 96.59  | 83.54 | 93.78  | 78.72 | 916.87 |
| 158 | 62.29 | 54.26 | 65.26 | 80.05 | 83.94 | 78.32 | 72.62 | 67.54 | 96.59  | 83.54 | 93.78  | 78.72 | 916.87 |
| 159 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 160 | 62.29 | 54.26 | 65.26 | 80.05 | 83.94 | 78.32 | 72.62 | 67.54 | 96.59  | 83.54 | 93.78  | 78.72 | 916.87 |
| 161 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 162 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 163 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 164 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 165 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 166 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 167 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 168 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 169 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 170 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 171 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 172 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 173 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 174 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 175 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 201 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 202 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 203 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04 |
| 204 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04 |
| 205 | 67.14 | 52.11 | 55.65 | 78.19 | 83.16 | 78.43 | 95.36 | 74.93 | 117.50 | 96.86 | 98.32  | 77.41 | 975.04 |
| 206 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 207 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 208 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 209 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 210 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 211 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 212 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 213 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 214 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 215 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 216 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 217 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 218 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 219 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 220 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 221 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 222 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 223 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86 |
| 224 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 225 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |

|     |       |       |       |       |       |       |       |       |        |       |        |       |         |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|---------|
| 226 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31  |
| 227 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31  |
| 228 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 229 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 230 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 231 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 232 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 233 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31  |
| 234 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 235 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 236 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31  |
| 237 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 238 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 239 | 64.21 | 56.27 | 60.18 | 77.53 | 77.81 | 76.75 | 88.21 | 84.39 | 100.12 | 92.35 | 93.84  | 41.23 | 912.86  |
| 240 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31  |
| 241 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31  |
| 242 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 243 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 244 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 245 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 246 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 247 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 301 | 78.12 | 59.87 | 56.65 | 74.78 | 91.21 | 82.33 | 86.72 | 82.42 | 124.04 | 98.99 | 108.29 | 78.11 | 1021.52 |
| 302 | 78.12 | 59.87 | 56.65 | 74.78 | 91.21 | 82.33 | 86.72 | 82.42 | 124.04 | 98.99 | 108.29 | 78.11 | 1021.52 |
| 303 | 78.12 | 59.87 | 56.65 | 74.78 | 91.21 | 82.33 | 86.72 | 82.42 | 124.04 | 98.99 | 108.29 | 78.11 | 1021.52 |
| 304 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 305 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 306 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 307 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 308 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 309 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 310 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 311 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 312 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 313 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 314 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 315 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 316 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 317 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 318 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 319 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 320 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 321 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 322 | 83.86 | 62.90 | 67.00 | 77.36 | 86.68 | 83.79 | 86.04 | 70.31 | 116.07 | 85.77 | 106.22 | 77.16 | 1003.14 |
| 323 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 324 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 325 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 326 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78  |
| 327 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 328 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |
| 329 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04 | 76.01 | 88.78 | 70.62 | 120.37 | 97.76 | 103.34 | 72.43 | 983.82  |

|     |       |       |       |       |        |       |       |        |        |        |        |        |         |
|-----|-------|-------|-------|-------|--------|-------|-------|--------|--------|--------|--------|--------|---------|
| 330 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 331 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 332 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 333 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 334 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 335 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 336 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 337 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 401 | 61.75 | 55.28 | 62.79 | 64.72 | 94.59  | 86.80 | 84.40 | 83.09  | 95.32  | 87.79  | 108.88 | 69.87  | 955.25  |
| 402 | 61.75 | 55.28 | 62.79 | 64.72 | 94.59  | 86.80 | 84.40 | 83.09  | 95.32  | 87.79  | 108.88 | 69.87  | 955.25  |
| 403 | 61.75 | 55.28 | 62.79 | 64.72 | 94.59  | 86.80 | 84.40 | 83.09  | 95.32  | 87.79  | 108.88 | 69.87  | 955.25  |
| 404 | 61.75 | 55.28 | 62.79 | 64.72 | 94.59  | 86.80 | 84.40 | 83.09  | 95.32  | 87.79  | 108.88 | 69.87  | 955.25  |
| 405 | 61.75 | 55.28 | 62.79 | 64.72 | 94.59  | 86.80 | 84.40 | 83.09  | 95.32  | 87.79  | 108.88 | 69.87  | 955.25  |
| 406 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 407 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 408 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 409 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 410 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 411 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 412 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 413 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 414 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 415 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 416 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 417 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 418 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 419 | 74.92 | 55.78 | 56.35 | 77.16 | 90.19  | 82.61 | 91.26 | 95.26  | 107.57 | 96.97  | 116.27 | 86.35  | 1030.65 |
| 420 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 421 | 74.92 | 55.78 | 56.35 | 77.16 | 90.19  | 82.61 | 91.26 | 95.26  | 107.57 | 96.97  | 116.27 | 86.35  | 1030.65 |
| 422 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 423 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 424 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 425 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 426 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 427 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 428 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 429 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 430 | 55.32 | 51.57 | 53.52 | 76.83 | 95.14  | 84.15 | 91.42 | 102.34 | 110.27 | 88.57  | 114.01 | 71.45  | 994.55  |
| 431 | 78.12 | 59.87 | 56.65 | 74.78 | 91.21  | 82.33 | 86.72 | 82.42  | 124.04 | 98.99  | 108.29 | 78.11  | 1021.52 |
| 432 | 74.92 | 55.78 | 56.35 | 77.16 | 90.19  | 82.61 | 91.26 | 95.26  | 107.57 | 96.97  | 116.27 | 86.35  | 1030.65 |
| 433 | 74.92 | 55.78 | 56.35 | 77.16 | 90.19  | 82.61 | 91.26 | 95.26  | 107.57 | 96.97  | 116.27 | 86.35  | 1030.65 |
| 434 | 74.92 | 55.78 | 56.35 | 77.16 | 90.19  | 82.61 | 91.26 | 95.26  | 107.57 | 96.97  | 116.27 | 86.35  | 1030.65 |
| 435 | 74.92 | 55.78 | 56.35 | 77.16 | 90.19  | 82.61 | 91.26 | 95.26  | 107.57 | 96.97  | 116.27 | 86.35  | 1030.65 |
| 436 | 74.92 | 55.78 | 56.35 | 77.16 | 90.19  | 82.61 | 91.26 | 95.26  | 107.57 | 96.97  | 116.27 | 86.35  | 1030.65 |
| 437 | 95.71 | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |
| 438 | 96.38 | 77.73 | 76.06 | 87.55 | 109.70 | 91.32 | 84.27 | 99.48  | 122.42 | 101.28 | 125.11 | 115.43 | 1186.70 |
| 439 | 66.16 | 53.09 | 56.11 | 64.50 | 95.11  | 84.52 | 85.77 | 87.22  | 100.36 | 83.89  | 100.55 | 73.52  | 950.78  |
| 440 | 96.38 | 77.73 | 76.06 | 87.55 | 109.70 | 91.32 | 84.27 | 99.48  | 122.42 | 101.28 | 125.11 | 115.43 | 1186.70 |
| 441 | 96.38 | 77.73 | 76.06 | 87.55 | 109.70 | 91.32 | 84.27 | 99.48  | 122.42 | 101.28 | 125.11 | 115.43 | 1186.70 |
| 442 | 96.38 | 77.73 | 76.06 | 87.55 | 109.70 | 91.32 | 84.27 | 99.48  | 122.42 | 101.28 | 125.11 | 115.43 | 1186.70 |
| 443 | 95.71 | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |

|     |        |       |       |       |        |       |       |        |        |        |        |        |         |
|-----|--------|-------|-------|-------|--------|-------|-------|--------|--------|--------|--------|--------|---------|
| 444 | 95.71  | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |
| 445 | 96.38  | 77.73 | 76.06 | 87.55 | 109.70 | 91.32 | 84.27 | 99.48  | 122.42 | 101.28 | 125.11 | 115.43 | 1186.70 |
| 446 | 96.38  | 77.73 | 76.06 | 87.55 | 109.70 | 91.32 | 84.27 | 99.48  | 122.42 | 101.28 | 125.11 | 115.43 | 1186.70 |
| 447 | 92.06  | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02  | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 448 | 95.71  | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |
| 449 | 95.71  | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |
| 450 | 78.12  | 59.87 | 56.65 | 74.78 | 91.21  | 82.33 | 86.72 | 82.42  | 124.04 | 98.99  | 108.29 | 78.11  | 1021.52 |
| 451 | 78.12  | 59.87 | 56.65 | 74.78 | 91.21  | 82.33 | 86.72 | 82.42  | 124.04 | 98.99  | 108.29 | 78.11  | 1021.52 |
| 452 | 95.71  | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |
| 453 | 82.20  | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62  | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 454 | 95.71  | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |
| 455 | 95.71  | 71.49 | 73.40 | 87.82 | 107.20 | 88.60 | 80.87 | 103.19 | 120.31 | 106.77 | 129.81 | 114.71 | 1179.87 |
| 456 | 92.06  | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02  | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 457 | 92.06  | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02  | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 458 | 92.06  | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02  | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 459 | 92.06  | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02  | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 460 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 461 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12  | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 462 | 92.06  | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02  | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 463 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12  | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 501 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 502 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 503 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 504 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 505 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 506 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 507 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 508 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12  | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 609 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 610 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 611 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 612 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 608 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 607 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 601 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 602 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 603 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 604 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 605 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 606 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 613 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 614 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 615 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 616 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 618 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 624 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 617 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 619 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 620 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 621 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 622 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45  | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |

|     |        |       |       |       |        |       |       |       |        |        |        |        |         |
|-----|--------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|---------|
| 623 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 625 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 626 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 627 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 628 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 629 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 630 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 631 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 632 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 633 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 634 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 635 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 636 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 637 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 638 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 639 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 640 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 641 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 642 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 643 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 650 | 101.58 | 77.41 | 75.08 | 82.95 | 103.01 | 92.94 | 80.22 | 91.45 | 119.95 | 106.91 | 124.33 | 115.83 | 1171.62 |
| 651 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 644 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 645 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 646 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 647 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 648 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 649 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 652 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 653 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 654 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 655 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 656 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 657 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 658 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 659 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 660 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 661 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 662 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 663 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 664 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 665 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 666 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 667 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 668 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 669 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 670 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 671 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 672 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 673 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |
| 674 | 74.46  | 66.85 | 79.79 | 75.22 | 89.03  | 81.98 | 69.56 | 82.12 | 108.47 | 95.70  | 109.46 | 106.10 | 1038.73 |

[illegible]

|     |       |       |       |       |        |       |       |       |        |        |        |        |         |
|-----|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|---------|
| 747 | 92.06 | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02 | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 748 | 92.06 | 77.65 | 85.40 | 92.00 | 100.94 | 86.93 | 76.17 | 91.02 | 117.99 | 101.05 | 125.43 | 113.19 | 1159.81 |
| 749 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 750 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 751 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 752 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 753 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 754 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 755 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 756 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 757 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 758 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 759 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 760 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 761 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 762 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 763 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 764 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 801 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 802 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 803 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 804 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 805 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 806 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 807 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 808 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 809 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 810 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 811 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 812 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 813 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 814 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 815 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 816 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 817 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 818 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 819 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 820 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 821 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 822 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 823 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 824 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 825 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 826 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 827 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 828 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 829 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 830 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 831 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 832 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |
| 833 | 82.20 | 54.13 | 56.46 | 74.70 | 87.04  | 76.01 | 88.78 | 70.62 | 120.37 | 97.76  | 103.34 | 72.43  | 983.82  |

[illegible]

|     |       |       |       |       |       |       |       |       |        |       |        |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|
| 885 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 886 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 887 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 888 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 889 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 890 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 891 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 892 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 893 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 894 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 895 | 63.10 | 55.38 | 54.06 | 79.46 | 86.63 | 75.58 | 89.22 | 74.34 | 111.00 | 91.68 | 104.67 | 81.70 | 966.78 |
| 896 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 897 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 898 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |
| 899 | 61.28 | 52.09 | 58.55 | 78.76 | 81.62 | 79.76 | 85.81 | 81.84 | 103.19 | 92.69 | 93.12  | 80.64 | 949.31 |

Average monthly and annual values Derived from SWAT modeling for period 1985-2005  
mm of precipitation

# Evapotranspiration

| SWAT # | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec  | Annual |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| 101    | 17.58 | 16.44 | 6.51  | 42.51 | 51.17 | 65.31 | 59.49 | 59.63 | 37.90 | 37.08 | 7.80  | 5.31 | 406.74 |
| 102    | 17.70 | 16.79 | 6.21  | 41.13 | 49.46 | 63.18 | 58.17 | 59.95 | 39.15 | 37.25 | 7.54  | 5.23 | 401.76 |
| 103    | 17.88 | 16.62 | 6.60  | 42.82 | 52.41 | 65.87 | 59.72 | 62.93 | 41.36 | 39.18 | 7.94  | 5.57 | 418.91 |
| 104    | 17.73 | 16.55 | 6.60  | 43.25 | 51.98 | 65.60 | 60.09 | 60.22 | 37.85 | 37.20 | 7.91  | 5.37 | 410.36 |
| 105    | 22.56 | 4.07  | 11.68 | 49.25 | 55.97 | 69.14 | 67.38 | 73.09 | 46.94 | 43.84 | 15.08 | 1.50 | 460.49 |
| 106    | 21.97 | 3.86  | 10.75 | 46.60 | 52.43 | 65.34 | 63.78 | 68.70 | 44.95 | 42.32 | 14.03 | 1.36 | 436.09 |
| 107    | 22.05 | 3.93  | 11.46 | 48.90 | 55.14 | 68.58 | 69.00 | 69.13 | 42.01 | 41.50 | 14.89 | 1.40 | 448.00 |
| 108    | 22.17 | 3.88  | 10.98 | 46.82 | 52.95 | 65.75 | 65.65 | 70.82 | 44.75 | 41.80 | 14.25 | 1.35 | 441.17 |
| 109    | 22.03 | 3.93  | 11.27 | 48.03 | 54.33 | 67.55 | 67.55 | 71.97 | 44.59 | 42.41 | 14.75 | 1.37 | 449.79 |
| 110    | 21.89 | 3.92  | 11.03 | 46.33 | 52.17 | 65.24 | 65.54 | 70.30 | 44.29 | 41.68 | 14.29 | 1.36 | 438.04 |
| 111    | 18.65 | 1.45  | 13.74 | 47.55 | 53.11 | 72.83 | 71.02 | 64.02 | 41.07 | 42.78 | 17.00 | 2.21 | 445.42 |
| 112    | 18.78 | 1.32  | 12.51 | 43.92 | 48.75 | 69.59 | 68.61 | 66.24 | 44.72 | 42.53 | 15.41 | 2.05 | 434.42 |
| 113    | 22.04 | 3.95  | 11.37 | 47.30 | 52.88 | 65.30 | 67.15 | 72.49 | 44.47 | 41.88 | 14.73 | 1.39 | 444.95 |
| 114    | 22.45 | 3.96  | 11.11 | 48.53 | 53.98 | 67.01 | 67.24 | 73.36 | 46.66 | 43.84 | 14.70 | 1.38 | 454.24 |
| 115    | 21.94 | 3.81  | 10.15 | 44.18 | 47.36 | 59.92 | 61.54 | 68.19 | 45.19 | 41.84 | 13.15 | 1.26 | 418.54 |
| 116    | 22.27 | 3.95  | 11.53 | 49.13 | 55.93 | 68.67 | 67.45 | 73.13 | 46.15 | 43.44 | 15.21 | 1.46 | 458.33 |
| 117    | 19.04 | 1.33  | 12.59 | 44.97 | 48.22 | 68.06 | 66.25 | 64.67 | 45.20 | 43.00 | 15.42 | 2.07 | 430.80 |
| 118    | 21.76 | 3.84  | 10.86 | 46.40 | 52.11 | 64.58 | 64.33 | 69.14 | 44.12 | 41.63 | 14.19 | 1.35 | 434.30 |
| 119    | 21.76 | 3.89  | 11.07 | 45.36 | 50.49 | 66.08 | 66.15 | 59.75 | 37.10 | 37.85 | 13.96 | 1.35 | 414.80 |
| 120    | 21.69 | 3.87  | 11.06 | 46.31 | 51.74 | 63.52 | 64.78 | 69.63 | 43.24 | 40.99 | 14.31 | 1.37 | 432.50 |
| 121    | 22.03 | 3.91  | 11.30 | 47.92 | 54.67 | 67.99 | 66.61 | 71.92 | 46.00 | 43.10 | 14.87 | 1.43 | 451.75 |
| 122    | 22.18 | 3.92  | 11.27 | 48.75 | 55.86 | 68.97 | 67.42 | 73.61 | 47.26 | 44.20 | 15.04 | 1.45 | 459.92 |
| 123    | 22.14 | 3.90  | 11.17 | 48.63 | 55.74 | 69.10 | 67.14 | 73.34 | 47.64 | 44.52 | 14.95 | 1.43 | 459.70 |
| 124    | 17.79 | 16.53 | 6.53  | 42.87 | 51.59 | 65.32 | 59.46 | 59.79 | 37.85 | 37.11 | 7.83  | 5.35 | 408.02 |
| 125    | 22.18 | 4.04  | 11.62 | 48.64 | 55.15 | 68.03 | 66.69 | 71.64 | 45.63 | 42.76 | 14.93 | 1.51 | 452.82 |
| 126    | 22.15 | 3.92  | 11.42 | 47.75 | 53.92 | 69.06 | 68.43 | 63.30 | 39.63 | 40.37 | 14.63 | 1.38 | 435.97 |
| 127    | 22.10 | 3.92  | 11.28 | 47.13 | 53.15 | 68.81 | 68.77 | 63.84 | 39.50 | 39.86 | 14.40 | 1.37 | 434.13 |
| 128    | 22.18 | 3.94  | 11.43 | 47.56 | 53.97 | 66.98 | 66.53 | 72.43 | 45.82 | 42.68 | 14.89 | 1.44 | 449.84 |
| 129    | 21.85 | 3.93  | 11.31 | 47.03 | 53.20 | 68.91 | 68.80 | 63.98 | 39.54 | 39.82 | 14.48 | 1.38 | 434.23 |
| 130    | 21.75 | 3.86  | 11.16 | 47.19 | 53.78 | 66.73 | 65.18 | 69.78 | 44.79 | 42.21 | 14.60 | 1.40 | 442.43 |
| 131    | 22.80 | 11.76 | 10.26 | 42.49 | 50.98 | 64.92 | 61.89 | 66.83 | 41.99 | 37.25 | 10.18 | 0.98 | 422.32 |
| 132    | 25.17 | 1.66  | 13.52 | 45.95 | 53.28 | 69.03 | 65.01 | 68.59 | 44.00 | 42.21 | 16.01 | 2.12 | 446.53 |
| 133    | 21.80 | 4.10  | 10.57 | 44.36 | 50.46 | 65.03 | 62.16 | 67.98 | 45.81 | 41.31 | 13.43 | 1.43 | 428.43 |
| 134    | 21.67 | 4.07  | 10.56 | 44.83 | 51.07 | 65.07 | 62.53 | 68.68 | 46.13 | 41.73 | 13.51 | 1.43 | 431.27 |
| 135    | 21.51 | 4.01  | 10.03 | 42.75 | 48.38 | 62.81 | 60.39 | 65.94 | 44.67 | 40.10 | 12.75 | 1.35 | 414.69 |
| 136    | 23.49 | 12.27 | 11.14 | 45.81 | 56.14 | 71.03 | 66.17 | 72.21 | 45.01 | 39.73 | 11.10 | 1.07 | 455.18 |
| 137    | 23.32 | 12.21 | 11.49 | 45.65 | 54.76 | 69.07 | 67.74 | 72.04 | 41.37 | 37.31 | 11.20 | 1.10 | 447.25 |
| 138    | 23.52 | 12.30 | 11.36 | 45.91 | 55.35 | 70.35 | 67.04 | 71.65 | 42.65 | 38.34 | 11.17 | 1.09 | 450.71 |
| 139    | 22.06 | 4.21  | 11.34 | 46.71 | 53.33 | 67.01 | 65.00 | 71.47 | 46.09 | 41.73 | 14.34 | 1.54 | 444.82 |
| 140    | 21.98 | 4.18  | 11.19 | 45.95 | 52.76 | 67.59 | 63.85 | 68.50 | 44.98 | 41.01 | 14.09 | 1.51 | 437.59 |
| 141    | 23.41 | 12.27 | 11.28 | 44.80 | 53.82 | 68.79 | 66.61 | 71.28 | 41.93 | 37.49 | 11.01 | 1.09 | 443.77 |
| 142    | 21.90 | 4.20  | 11.20 | 46.01 | 52.30 | 66.30 | 64.85 | 70.48 | 44.99 | 41.02 | 14.08 | 1.50 | 438.83 |
| 143    | 21.80 | 4.13  | 10.47 | 42.51 | 48.07 | 64.50 | 63.09 | 62.45 | 40.91 | 38.25 | 12.98 | 1.39 | 410.54 |
| 144    | 21.64 | 4.10  | 10.49 | 42.88 | 48.64 | 64.83 | 63.57 | 62.78 | 40.89 | 38.53 | 13.06 | 1.39 | 412.81 |
| 145    | 21.97 | 4.18  | 11.04 | 45.32 | 51.63 | 65.61 | 64.18 | 70.45 | 45.59 | 41.12 | 13.92 | 1.49 | 436.50 |
| 146    | 21.68 | 4.11  | 10.55 | 42.62 | 48.52 | 63.74 | 63.17 | 64.14 | 41.55 | 38.75 | 13.08 | 1.40 | 413.29 |
| 147    | 22.03 | 4.16  | 10.87 | 45.31 | 51.83 | 66.37 | 63.47 | 69.52 | 46.30 | 41.78 | 13.84 | 1.48 | 436.96 |
| 148    | 25.23 | 1.67  | 13.61 | 45.74 | 52.19 | 70.56 | 68.02 | 64.00 | 40.64 | 40.85 | 15.90 | 2.12 | 440.52 |
| 149    | 21.79 | 4.10  | 10.27 | 42.71 | 49.53 | 67.78 | 66.82 | 66.44 | 42.72 | 39.52 | 12.88 | 1.36 | 425.94 |

|     |       |      |       |       |       |       |       |       |       |       |       |      |        |
|-----|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| 150 | 21.93 | 4.15 | 10.56 | 43.10 | 49.09 | 65.38 | 64.50 | 65.47 | 42.56 | 39.40 | 13.12 | 1.40 | 420.66 |
| 151 | 21.96 | 4.16 | 10.90 | 45.38 | 51.86 | 66.12 | 64.05 | 70.12 | 45.92 | 41.43 | 13.83 | 1.48 | 437.20 |
| 152 | 21.81 | 4.07 | 10.21 | 43.51 | 49.60 | 65.28 | 61.86 | 67.18 | 45.70 | 41.08 | 13.05 | 1.39 | 424.75 |
| 153 | 21.40 | 2.08 | 15.91 | 51.09 | 55.30 | 74.08 | 69.39 | 61.63 | 38.70 | 38.78 | 16.49 | 1.89 | 446.72 |
| 154 | 21.69 | 4.08 | 10.12 | 42.43 | 48.34 | 65.08 | 63.75 | 64.45 | 42.32 | 39.07 | 12.73 | 1.35 | 415.38 |
| 155 | 21.13 | 1.98 | 15.22 | 49.50 | 53.66 | 68.96 | 66.45 | 69.52 | 43.35 | 40.11 | 15.89 | 1.82 | 447.58 |
| 156 | 21.24 | 1.99 | 15.33 | 49.91 | 54.02 | 72.81 | 68.05 | 61.39 | 39.29 | 39.07 | 15.97 | 1.82 | 440.89 |
| 157 | 21.05 | 1.96 | 15.13 | 49.38 | 53.43 | 68.71 | 66.26 | 69.19 | 43.14 | 39.98 | 15.81 | 1.80 | 445.84 |
| 158 | 21.01 | 1.92 | 14.79 | 48.11 | 52.20 | 68.00 | 65.42 | 68.59 | 43.48 | 40.06 | 15.44 | 1.77 | 440.78 |
| 159 | 25.15 | 1.58 | 12.80 | 43.37 | 49.52 | 68.06 | 65.09 | 64.99 | 42.68 | 40.63 | 14.95 | 1.97 | 430.79 |
| 160 | 21.08 | 1.91 | 14.72 | 46.77 | 50.76 | 69.09 | 65.90 | 61.86 | 39.90 | 38.15 | 15.13 | 1.75 | 427.02 |
| 161 | 25.16 | 1.61 | 13.01 | 43.19 | 48.95 | 65.72 | 64.71 | 66.71 | 42.68 | 41.41 | 15.14 | 2.01 | 430.32 |
| 162 | 17.71 | 1.73 | 14.46 | 46.15 | 51.72 | 70.88 | 67.98 | 65.08 | 41.31 | 41.09 | 16.94 | 2.16 | 437.19 |
| 163 | 17.58 | 1.71 | 14.36 | 46.05 | 51.58 | 69.72 | 66.15 | 63.23 | 40.68 | 40.89 | 16.95 | 2.15 | 431.06 |
| 164 | 17.69 | 1.69 | 13.92 | 45.16 | 50.70 | 69.71 | 65.69 | 67.07 | 42.67 | 41.97 | 16.34 | 2.08 | 434.69 |
| 165 | 17.56 | 1.67 | 14.08 | 45.78 | 50.98 | 67.67 | 65.76 | 68.73 | 44.58 | 43.71 | 16.80 | 2.09 | 439.40 |
| 166 | 17.65 | 1.73 | 14.57 | 46.61 | 51.59 | 68.71 | 67.39 | 68.04 | 42.24 | 42.41 | 17.16 | 2.16 | 440.27 |
| 167 | 17.74 | 1.62 | 13.64 | 44.27 | 48.80 | 66.92 | 64.83 | 68.75 | 45.79 | 44.30 | 16.18 | 2.02 | 434.86 |
| 168 | 17.36 | 1.59 | 13.37 | 42.90 | 48.55 | 66.41 | 64.47 | 68.60 | 44.84 | 42.37 | 15.76 | 2.00 | 428.22 |
| 169 | 17.70 | 1.71 | 14.21 | 43.10 | 47.82 | 64.09 | 64.15 | 66.18 | 42.14 | 40.86 | 16.37 | 2.12 | 420.46 |
| 170 | 17.54 | 1.71 | 14.44 | 46.15 | 50.76 | 66.91 | 65.82 | 66.23 | 40.32 | 40.74 | 16.95 | 2.14 | 429.71 |
| 171 | 17.30 | 1.81 | 14.27 | 44.52 | 49.64 | 66.75 | 65.79 | 64.88 | 38.75 | 38.70 | 16.21 | 2.14 | 420.75 |
| 172 | 17.12 | 2.09 | 14.67 | 44.65 | 49.98 | 68.96 | 68.91 | 63.73 | 37.03 | 37.65 | 16.02 | 2.24 | 423.03 |
| 173 | 16.94 | 1.57 | 13.25 | 42.82 | 47.61 | 67.41 | 66.84 | 59.02 | 36.43 | 37.50 | 15.09 | 1.93 | 406.40 |
| 174 | 17.61 | 1.84 | 12.42 | 40.89 | 43.68 | 64.76 | 62.55 | 72.35 | 52.08 | 48.13 | 14.22 | 1.93 | 432.45 |
| 175 | 16.82 | 2.51 | 14.33 | 43.93 | 48.21 | 67.11 | 66.35 | 66.89 | 42.78 | 40.65 | 14.96 | 2.30 | 426.84 |
| 201 | 18.83 | 1.44 | 13.54 | 46.45 | 51.79 | 70.25 | 69.06 | 64.48 | 42.06 | 42.79 | 16.66 | 2.19 | 439.53 |
| 202 | 18.77 | 1.46 | 13.85 | 48.99 | 54.92 | 75.09 | 70.02 | 62.14 | 41.14 | 43.37 | 17.23 | 2.22 | 449.21 |
| 203 | 22.00 | 3.96 | 11.56 | 48.68 | 55.75 | 71.91 | 67.04 | 65.49 | 41.53 | 41.05 | 14.96 | 1.41 | 445.33 |
| 204 | 21.95 | 3.91 | 11.37 | 47.62 | 54.08 | 70.46 | 69.86 | 63.93 | 38.73 | 39.82 | 14.56 | 1.38 | 437.69 |
| 205 | 22.01 | 3.94 | 11.44 | 48.04 | 54.60 | 69.52 | 68.04 | 64.56 | 40.38 | 40.95 | 14.75 | 1.39 | 439.61 |
| 206 | 25.17 | 1.67 | 13.57 | 44.71 | 51.00 | 67.95 | 66.52 | 64.66 | 41.17 | 40.70 | 15.73 | 2.10 | 434.96 |
| 207 | 25.26 | 1.66 | 13.58 | 45.64 | 52.32 | 68.85 | 66.94 | 66.45 | 42.40 | 41.78 | 15.90 | 2.10 | 442.87 |
| 208 | 25.04 | 1.60 | 12.98 | 43.97 | 50.69 | 68.22 | 65.76 | 66.19 | 42.82 | 41.42 | 15.23 | 2.00 | 435.91 |
| 209 | 25.19 | 1.63 | 13.27 | 44.68 | 51.10 | 69.30 | 67.10 | 65.30 | 41.81 | 41.09 | 15.51 | 2.05 | 438.02 |
| 210 | 24.96 | 1.53 | 12.37 | 41.84 | 47.57 | 65.17 | 62.83 | 63.32 | 42.23 | 39.70 | 14.40 | 1.89 | 417.81 |
| 211 | 24.74 | 1.51 | 12.14 | 40.35 | 45.55 | 64.28 | 62.42 | 63.72 | 42.26 | 38.89 | 13.96 | 1.85 | 411.66 |
| 212 | 25.11 | 1.65 | 13.35 | 42.36 | 47.95 | 65.31 | 65.16 | 63.26 | 40.34 | 39.11 | 15.17 | 2.07 | 420.84 |
| 213 | 25.09 | 1.62 | 13.12 | 42.96 | 48.42 | 65.91 | 64.67 | 63.34 | 41.09 | 39.79 | 15.10 | 2.03 | 423.14 |
| 214 | 24.80 | 1.61 | 13.09 | 42.98 | 48.84 | 66.71 | 65.17 | 63.13 | 40.63 | 39.67 | 15.11 | 2.03 | 423.76 |
| 215 | 24.41 | 1.58 | 12.80 | 40.40 | 44.94 | 61.30 | 62.10 | 59.79 | 38.26 | 37.40 | 14.49 | 1.99 | 399.44 |
| 216 | 25.07 | 1.67 | 13.55 | 44.44 | 50.40 | 68.56 | 66.95 | 62.52 | 39.60 | 39.73 | 15.66 | 2.11 | 430.25 |
| 217 | 25.32 | 1.68 | 13.59 | 44.34 | 50.33 | 67.15 | 66.02 | 63.45 | 40.25 | 39.98 | 15.70 | 2.12 | 429.94 |
| 218 | 24.90 | 1.68 | 13.63 | 44.26 | 50.42 | 67.82 | 64.86 | 60.77 | 38.70 | 39.15 | 15.66 | 2.13 | 423.98 |
| 219 | 25.02 | 1.70 | 13.78 | 44.59 | 50.44 | 67.39 | 66.55 | 62.89 | 39.22 | 39.77 | 15.85 | 2.15 | 429.33 |
| 220 | 24.78 | 1.67 | 13.52 | 42.54 | 47.71 | 65.14 | 65.06 | 60.69 | 38.17 | 38.10 | 15.29 | 2.11 | 414.78 |
| 221 | 17.34 | 1.70 | 14.32 | 44.37 | 49.16 | 65.37 | 65.06 | 66.06 | 40.78 | 40.66 | 16.63 | 2.12 | 423.58 |
| 222 | 17.45 | 1.69 | 14.13 | 42.44 | 46.79 | 62.88 | 63.76 | 65.75 | 41.31 | 40.16 | 16.16 | 2.10 | 414.63 |
| 223 | 25.38 | 1.60 | 12.82 | 41.47 | 46.53 | 64.24 | 63.69 | 65.26 | 42.98 | 39.83 | 14.60 | 1.96 | 420.36 |
| 224 | 17.68 | 1.78 | 14.77 | 44.03 | 48.85 | 64.93 | 65.58 | 65.59 | 39.86 | 39.48 | 16.90 | 2.21 | 421.65 |
| 225 | 17.67 | 1.73 | 14.48 | 43.73 | 48.30 | 63.29 | 64.51 | 69.25 | 43.47 | 41.34 | 16.68 | 2.16 | 426.60 |

|     |       |       |       |       |       |       |       |       |       |       |       |      |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| 226 | 17.14 | 1.62  | 13.72 | 43.95 | 48.73 | 68.81 | 68.42 | 60.62 | 35.16 | 36.98 | 15.53 | 1.99 | 412.68 |
| 227 | 17.06 | 1.69  | 14.12 | 44.45 | 50.58 | 68.79 | 67.44 | 67.54 | 40.85 | 40.60 | 16.55 | 2.11 | 431.79 |
| 228 | 24.91 | 1.60  | 12.95 | 41.96 | 48.09 | 65.03 | 63.30 | 63.05 | 40.61 | 38.61 | 14.78 | 2.00 | 416.88 |
| 229 | 24.95 | 1.66  | 13.47 | 43.35 | 49.07 | 66.74 | 66.48 | 63.81 | 40.32 | 39.55 | 15.43 | 2.09 | 426.92 |
| 230 | 25.45 | 1.70  | 13.70 | 44.02 | 49.98 | 67.21 | 65.89 | 62.58 | 39.87 | 39.61 | 15.71 | 2.13 | 427.84 |
| 231 | 25.28 | 1.65  | 13.36 | 43.83 | 50.06 | 67.10 | 65.85 | 64.87 | 41.21 | 40.02 | 15.40 | 2.06 | 430.69 |
| 232 | 25.07 | 1.68  | 13.63 | 43.22 | 48.92 | 66.10 | 65.33 | 62.71 | 40.03 | 39.27 | 15.52 | 2.12 | 423.58 |
| 233 | 17.48 | 1.77  | 14.80 | 45.81 | 50.90 | 67.75 | 68.32 | 69.30 | 39.66 | 39.52 | 17.08 | 2.20 | 434.58 |
| 234 | 24.76 | 1.67  | 13.59 | 43.76 | 49.58 | 67.28 | 67.34 | 63.28 | 39.04 | 39.13 | 15.57 | 2.12 | 427.11 |
| 235 | 25.20 | 1.71  | 13.91 | 44.43 | 50.39 | 66.46 | 66.53 | 64.02 | 39.56 | 39.79 | 15.93 | 2.17 | 430.12 |
| 236 | 17.36 | 1.72  | 14.46 | 44.04 | 48.53 | 65.82 | 65.95 | 62.03 | 38.36 | 38.78 | 16.56 | 2.14 | 415.75 |
| 237 | 24.81 | 1.67  | 13.54 | 42.48 | 47.86 | 65.52 | 65.59 | 61.45 | 38.58 | 38.30 | 15.34 | 2.11 | 417.25 |
| 238 | 18.58 | 1.43  | 13.42 | 45.35 | 49.85 | 67.28 | 66.26 | 61.59 | 40.66 | 41.61 | 16.41 | 2.19 | 424.63 |
| 239 | 24.97 | 1.69  | 13.74 | 43.17 | 48.48 | 66.31 | 66.34 | 60.90 | 38.09 | 38.36 | 15.60 | 2.15 | 419.78 |
| 240 | 17.07 | 1.60  | 13.12 | 41.71 | 45.48 | 63.65 | 64.35 | 58.86 | 38.46 | 38.09 | 14.77 | 1.91 | 399.08 |
| 241 | 17.16 | 1.67  | 14.05 | 42.95 | 47.22 | 63.66 | 64.34 | 63.86 | 38.32 | 38.58 | 16.13 | 2.09 | 410.03 |
| 242 | 18.83 | 1.52  | 14.25 | 48.24 | 53.19 | 69.60 | 68.69 | 62.91 | 39.62 | 42.34 | 17.44 | 2.29 | 438.90 |
| 243 | 18.33 | 1.40  | 13.15 | 44.30 | 48.68 | 66.32 | 65.41 | 60.28 | 39.84 | 40.72 | 16.05 | 2.15 | 416.63 |
| 244 | 18.50 | 1.36  | 12.84 | 43.69 | 47.99 | 65.79 | 64.25 | 62.05 | 42.19 | 41.43 | 15.68 | 2.11 | 417.88 |
| 245 | 18.42 | 1.37  | 12.97 | 43.99 | 48.36 | 66.00 | 64.77 | 61.48 | 41.60 | 41.49 | 15.87 | 2.12 | 418.45 |
| 246 | 18.69 | 1.41  | 13.24 | 44.51 | 49.08 | 67.33 | 65.86 | 61.65 | 41.46 | 41.31 | 16.07 | 2.16 | 422.78 |
| 247 | 18.54 | 1.32  | 12.46 | 43.16 | 47.20 | 66.06 | 64.93 | 63.30 | 43.57 | 42.07 | 15.32 | 2.06 | 419.99 |
| 301 | 16.76 | 16.65 | 6.15  | 41.70 | 52.47 | 64.03 | 61.15 | 62.64 | 36.97 | 35.80 | 8.42  | 5.70 | 408.43 |
| 302 | 16.72 | 16.72 | 6.09  | 41.40 | 52.63 | 63.94 | 60.66 | 62.91 | 37.88 | 36.26 | 8.41  | 5.72 | 409.34 |
| 303 | 16.68 | 16.67 | 5.96  | 40.38 | 51.51 | 64.03 | 59.89 | 60.83 | 36.79 | 35.30 | 8.19  | 5.67 | 401.90 |
| 304 | 17.43 | 16.33 | 6.50  | 42.34 | 51.26 | 66.03 | 58.88 | 58.07 | 37.62 | 36.94 | 7.79  | 5.30 | 404.47 |
| 305 | 17.49 | 16.38 | 6.59  | 42.69 | 51.30 | 64.54 | 59.63 | 59.87 | 37.56 | 36.65 | 7.85  | 5.33 | 405.88 |
| 306 | 17.35 | 16.21 | 6.76  | 43.21 | 52.23 | 65.79 | 60.44 | 60.30 | 37.54 | 36.98 | 7.99  | 5.38 | 410.19 |
| 307 | 17.68 | 16.45 | 6.57  | 42.51 | 50.92 | 65.08 | 59.31 | 58.69 | 36.93 | 36.39 | 7.80  | 5.30 | 403.63 |
| 308 | 24.16 | 7.47  | 9.81  | 43.64 | 50.29 | 63.73 | 63.60 | 59.53 | 39.17 | 39.95 | 13.93 | 1.38 | 416.66 |
| 309 | 17.35 | 16.34 | 6.33  | 41.38 | 49.48 | 62.71 | 58.59 | 59.42 | 37.77 | 36.54 | 7.54  | 5.13 | 398.57 |
| 310 | 24.93 | 7.71  | 10.07 | 45.03 | 52.04 | 66.92 | 65.01 | 62.15 | 41.89 | 42.03 | 14.52 | 1.44 | 433.76 |
| 311 | 24.81 | 7.67  | 10.12 | 45.12 | 52.04 | 66.55 | 65.08 | 62.06 | 41.50 | 41.84 | 14.56 | 1.45 | 432.79 |
| 312 | 24.63 | 7.59  | 9.53  | 43.75 | 50.02 | 63.53 | 63.10 | 63.85 | 44.19 | 42.32 | 13.89 | 1.37 | 427.78 |
| 313 | 24.78 | 7.84  | 10.38 | 45.74 | 53.00 | 67.62 | 67.09 | 64.73 | 43.07 | 42.19 | 14.63 | 1.52 | 442.59 |
| 314 | 24.11 | 7.83  | 10.12 | 42.81 | 50.66 | 65.26 | 62.40 | 64.36 | 44.99 | 41.53 | 13.66 | 1.55 | 429.29 |
| 315 | 24.04 | 8.06  | 10.64 | 44.06 | 50.55 | 64.13 | 63.57 | 63.02 | 42.90 | 40.34 | 13.50 | 1.67 | 426.49 |
| 316 | 24.61 | 7.58  | 9.60  | 43.21 | 49.28 | 62.56 | 61.71 | 60.35 | 41.59 | 41.03 | 13.80 | 1.36 | 416.69 |
| 317 | 24.47 | 7.57  | 9.49  | 43.08 | 49.00 | 62.24 | 62.44 | 61.02 | 41.53 | 40.58 | 13.55 | 1.36 | 416.34 |
| 318 | 24.88 | 7.77  | 9.76  | 43.53 | 49.93 | 64.74 | 63.29 | 61.57 | 42.26 | 41.39 | 13.83 | 1.41 | 424.36 |
| 319 | 24.57 | 7.59  | 9.63  | 43.52 | 49.84 | 63.53 | 63.54 | 61.62 | 41.75 | 40.77 | 13.81 | 1.36 | 421.54 |
| 320 | 17.69 | 16.46 | 6.60  | 43.04 | 51.64 | 65.99 | 59.66 | 58.70 | 37.08 | 36.68 | 7.85  | 5.31 | 406.70 |
| 321 | 17.93 | 16.64 | 6.62  | 43.55 | 53.17 | 67.24 | 60.73 | 62.25 | 40.09 | 38.87 | 7.99  | 5.58 | 420.65 |
| 322 | 18.02 | 16.82 | 6.64  | 43.32 | 54.40 | 68.68 | 61.26 | 64.32 | 42.68 | 40.24 | 8.09  | 5.81 | 430.30 |
| 323 | 24.56 | 7.62  | 9.93  | 44.49 | 51.32 | 65.59 | 63.97 | 61.58 | 41.77 | 42.00 | 14.35 | 1.42 | 428.61 |
| 324 | 24.39 | 7.58  | 10.02 | 44.61 | 51.17 | 65.75 | 64.78 | 59.78 | 39.58 | 40.68 | 14.29 | 1.41 | 424.04 |
| 325 | 24.75 | 7.68  | 10.00 | 45.01 | 52.01 | 66.34 | 65.31 | 63.09 | 42.56 | 42.27 | 14.51 | 1.44 | 434.96 |
| 326 | 18.67 | 1.44  | 13.71 | 47.83 | 53.23 | 71.14 | 70.57 | 65.01 | 40.87 | 42.60 | 16.90 | 2.18 | 444.16 |
| 327 | 24.41 | 7.54  | 9.87  | 43.12 | 49.27 | 63.61 | 63.87 | 58.82 | 38.25 | 39.22 | 13.89 | 1.39 | 413.28 |
| 328 | 24.88 | 7.68  | 9.91  | 44.12 | 50.45 | 63.95 | 63.07 | 63.84 | 43.30 | 42.16 | 14.20 | 1.40 | 428.95 |
| 329 | 24.56 | 7.63  | 9.91  | 43.93 | 50.34 | 65.27 | 64.12 | 59.51 | 39.88 | 40.36 | 14.08 | 1.40 | 420.97 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 330 | 24.68 | 7.69  | 10.13 | 44.44 | 50.82 | 64.65 | 65.00 | 62.94 | 41.96 | 41.30 | 14.42 | 1.43  | 429.45 |
| 331 | 24.67 | 7.69  | 10.05 | 44.27 | 50.72 | 65.20 | 65.58 | 62.29 | 41.25 | 41.06 | 14.36 | 1.43  | 428.55 |
| 332 | 24.77 | 7.69  | 9.79  | 43.47 | 49.58 | 63.42 | 63.30 | 61.63 | 42.00 | 40.87 | 13.96 | 1.38  | 421.85 |
| 333 | 24.92 | 7.64  | 8.79  | 40.78 | 46.16 | 61.37 | 59.93 | 61.24 | 44.06 | 41.43 | 12.85 | 1.29  | 410.48 |
| 334 | 24.66 | 7.54  | 9.44  | 43.00 | 49.66 | 63.28 | 61.93 | 62.62 | 43.41 | 42.19 | 13.70 | 1.34  | 422.77 |
| 335 | 24.87 | 7.66  | 9.74  | 43.69 | 49.66 | 62.90 | 62.41 | 63.24 | 43.33 | 41.98 | 13.97 | 1.37  | 424.83 |
| 336 | 25.19 | 7.73  | 9.29  | 42.68 | 48.39 | 62.50 | 60.81 | 63.57 | 45.20 | 42.70 | 13.50 | 1.34  | 422.88 |
| 337 | 25.09 | 7.78  | 8.54  | 40.51 | 44.65 | 60.41 | 57.88 | 60.86 | 45.64 | 42.03 | 12.47 | 1.29  | 407.14 |
| 401 | 8.48  | 7.46  | 25.10 | 53.01 | 55.31 | 71.46 | 70.31 | 65.03 | 45.74 | 37.49 | 12.57 | 7.08  | 459.04 |
| 402 | 8.45  | 7.50  | 25.33 | 53.91 | 56.27 | 72.52 | 71.76 | 66.07 | 46.02 | 37.55 | 12.65 | 7.07  | 465.12 |
| 403 | 8.50  | 7.48  | 24.79 | 52.21 | 54.34 | 70.22 | 71.34 | 66.87 | 46.28 | 37.56 | 12.29 | 6.94  | 458.82 |
| 404 | 8.40  | 7.38  | 24.70 | 51.79 | 54.08 | 69.86 | 69.36 | 64.12 | 44.91 | 36.81 | 12.36 | 6.99  | 450.74 |
| 405 | 8.60  | 7.74  | 25.51 | 52.84 | 55.91 | 72.84 | 72.17 | 65.37 | 45.44 | 36.91 | 12.56 | 7.13  | 463.01 |
| 406 | 4.19  | 4.46  | 18.72 | 53.43 | 58.30 | 70.28 | 71.76 | 65.19 | 42.83 | 31.11 | 8.41  | 4.01  | 432.68 |
| 407 | 9.33  | 9.23  | 28.15 | 52.66 | 56.84 | 74.04 | 78.81 | 72.73 | 47.93 | 38.13 | 13.68 | 8.79  | 490.33 |
| 408 | 9.16  | 8.78  | 28.02 | 53.26 | 56.76 | 74.16 | 75.80 | 68.68 | 47.47 | 38.98 | 13.70 | 8.67  | 483.42 |
| 409 | 9.22  | 9.06  | 28.87 | 54.67 | 57.16 | 72.87 | 77.02 | 70.09 | 46.93 | 38.43 | 14.00 | 8.84  | 487.15 |
| 410 | 9.23  | 9.00  | 28.67 | 54.25 | 57.22 | 73.60 | 77.90 | 70.47 | 47.09 | 38.75 | 13.97 | 8.82  | 488.97 |
| 411 | 9.16  | 8.73  | 27.80 | 52.58 | 55.38 | 71.69 | 76.27 | 70.58 | 47.64 | 38.95 | 13.59 | 8.66  | 481.02 |
| 412 | 9.25  | 9.00  | 28.31 | 53.56 | 56.83 | 73.08 | 77.12 | 71.27 | 48.08 | 39.04 | 13.84 | 8.78  | 488.16 |
| 413 | 4.13  | 4.27  | 18.42 | 52.65 | 57.22 | 68.77 | 70.25 | 65.93 | 43.60 | 31.57 | 8.59  | 4.20  | 429.60 |
| 414 | 4.09  | 4.24  | 18.29 | 53.00 | 57.03 | 67.68 | 69.67 | 65.66 | 43.53 | 31.48 | 8.43  | 4.03  | 427.13 |
| 415 | 4.10  | 4.27  | 18.57 | 54.43 | 58.51 | 69.95 | 71.60 | 66.05 | 43.20 | 31.40 | 8.46  | 4.00  | 434.54 |
| 416 | 4.22  | 4.45  | 18.60 | 54.33 | 58.45 | 69.57 | 71.16 | 67.48 | 44.71 | 32.04 | 8.59  | 4.15  | 437.75 |
| 417 | 4.13  | 4.28  | 18.29 | 52.89 | 57.24 | 68.30 | 70.17 | 66.08 | 43.79 | 31.59 | 8.45  | 4.08  | 429.29 |
| 418 | 9.08  | 8.72  | 27.76 | 52.40 | 54.93 | 70.74 | 73.82 | 67.55 | 46.30 | 37.90 | 13.52 | 8.58  | 471.29 |
| 419 | 5.15  | 4.14  | 19.37 | 50.50 | 56.66 | 67.45 | 72.32 | 65.49 | 44.56 | 32.23 | 9.95  | 5.73  | 433.56 |
| 420 | 9.23  | 8.90  | 27.93 | 52.67 | 55.25 | 71.56 | 76.12 | 70.12 | 47.53 | 38.72 | 13.58 | 8.65  | 480.27 |
| 421 | 5.12  | 4.13  | 19.50 | 51.10 | 57.56 | 67.97 | 73.62 | 66.19 | 44.62 | 32.23 | 9.99  | 5.66  | 437.69 |
| 422 | 4.18  | 4.31  | 18.61 | 53.93 | 58.83 | 70.28 | 71.74 | 67.80 | 44.67 | 32.16 | 8.72  | 4.31  | 439.54 |
| 423 | 4.16  | 4.29  | 18.66 | 53.61 | 58.41 | 69.82 | 71.18 | 66.77 | 43.96 | 31.84 | 8.73  | 4.31  | 435.74 |
| 424 | 3.91  | 4.06  | 17.04 | 49.83 | 51.97 | 59.79 | 63.32 | 61.49 | 42.07 | 30.50 | 7.76  | 3.50  | 395.24 |
| 425 | 4.14  | 4.28  | 18.35 | 52.06 | 56.46 | 68.00 | 69.72 | 65.14 | 43.07 | 31.13 | 8.51  | 4.16  | 425.01 |
| 426 | 4.14  | 4.28  | 18.83 | 53.79 | 58.85 | 70.69 | 72.22 | 67.20 | 43.74 | 31.63 | 8.83  | 4.35  | 438.53 |
| 427 | 4.11  | 4.26  | 18.38 | 52.35 | 56.46 | 67.27 | 69.75 | 65.94 | 43.45 | 31.36 | 8.51  | 4.11  | 425.94 |
| 428 | 4.10  | 4.26  | 18.62 | 53.16 | 56.97 | 68.96 | 70.15 | 65.04 | 42.64 | 30.95 | 8.64  | 4.18  | 427.65 |
| 429 | 4.14  | 4.29  | 18.51 | 52.32 | 56.88 | 68.22 | 70.01 | 65.46 | 42.84 | 31.17 | 8.61  | 4.25  | 426.70 |
| 430 | 4.11  | 4.25  | 18.35 | 51.46 | 56.19 | 67.97 | 70.13 | 65.39 | 42.56 | 30.94 | 8.58  | 4.25  | 424.18 |
| 431 | 16.46 | 16.45 | 4.83  | 42.99 | 56.47 | 67.82 | 61.43 | 65.61 | 41.90 | 38.86 | 7.72  | 5.24  | 425.78 |
| 432 | 5.07  | 4.06  | 19.77 | 51.81 | 57.69 | 68.30 | 72.34 | 65.73 | 44.25 | 32.29 | 10.36 | 6.00  | 437.66 |
| 433 | 5.14  | 4.19  | 19.35 | 49.84 | 55.80 | 66.89 | 72.54 | 65.30 | 43.98 | 31.70 | 9.89  | 5.70  | 430.32 |
| 434 | 5.05  | 4.07  | 19.95 | 52.70 | 59.19 | 69.60 | 75.88 | 67.33 | 44.26 | 32.25 | 10.31 | 5.76  | 446.36 |
| 435 | 5.06  | 4.07  | 19.30 | 49.77 | 56.26 | 67.63 | 73.36 | 65.76 | 43.70 | 31.84 | 9.99  | 5.74  | 432.48 |
| 436 | 5.20  | 4.34  | 20.02 | 52.36 | 58.89 | 69.39 | 75.10 | 66.64 | 44.62 | 32.12 | 10.20 | 5.73  | 444.60 |
| 437 | 8.89  | 6.79  | 23.64 | 54.82 | 60.53 | 74.96 | 80.93 | 70.93 | 48.45 | 40.02 | 15.84 | 9.84  | 495.65 |
| 438 | 11.14 | 8.74  | 24.63 | 48.80 | 53.29 | 68.30 | 73.13 | 67.96 | 47.10 | 40.29 | 15.36 | 11.66 | 470.39 |
| 439 | 9.21  | 8.93  | 27.99 | 53.43 | 55.82 | 71.69 | 75.16 | 69.62 | 47.66 | 38.71 | 13.59 | 8.64  | 480.44 |
| 440 | 11.05 | 8.78  | 24.87 | 49.87 | 54.14 | 68.90 | 73.44 | 68.73 | 47.88 | 41.05 | 15.63 | 11.72 | 476.06 |
| 441 | 11.04 | 8.56  | 24.33 | 48.16 | 52.71 | 68.04 | 72.74 | 67.78 | 47.12 | 40.44 | 15.33 | 11.64 | 467.89 |
| 442 | 11.11 | 8.68  | 25.02 | 50.58 | 54.65 | 69.18 | 74.02 | 69.07 | 47.86 | 41.59 | 15.87 | 11.92 | 479.55 |
| 443 | 8.87  | 6.58  | 23.23 | 54.77 | 60.21 | 74.02 | 80.32 | 72.61 | 50.38 | 41.39 | 15.86 | 9.81  | 498.03 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 444 | 8.99  | 6.50  | 22.29 | 49.67 | 55.42 | 70.24 | 76.92 | 70.58 | 49.46 | 39.25 | 14.76 | 9.53  | 473.61 |
| 445 | 11.36 | 8.77  | 25.66 | 53.30 | 58.06 | 72.32 | 74.78 | 72.28 | 50.65 | 43.72 | 16.96 | 12.92 | 500.75 |
| 446 | 11.31 | 8.70  | 24.89 | 50.27 | 55.12 | 69.92 | 72.26 | 69.22 | 49.03 | 42.15 | 16.08 | 12.34 | 481.31 |
| 447 | 3.05  | 6.12  | 29.27 | 51.28 | 56.73 | 69.97 | 72.31 | 72.74 | 49.96 | 41.08 | 17.94 | 12.74 | 483.19 |
| 448 | 8.71  | 6.51  | 23.10 | 53.06 | 58.78 | 72.99 | 77.69 | 68.23 | 47.38 | 40.03 | 15.81 | 9.77  | 482.08 |
| 449 | 8.69  | 6.50  | 23.13 | 52.68 | 58.05 | 71.73 | 78.24 | 67.49 | 45.68 | 39.77 | 15.94 | 9.84  | 477.74 |
| 450 | 16.48 | 16.41 | 5.03  | 44.54 | 57.87 | 69.05 | 62.77 | 65.71 | 40.71 | 38.40 | 7.89  | 5.30  | 430.18 |
| 451 | 16.35 | 16.24 | 5.06  | 44.35 | 56.98 | 68.22 | 62.39 | 64.60 | 39.58 | 37.60 | 7.83  | 5.22  | 424.43 |
| 452 | 8.63  | 6.45  | 23.02 | 52.40 | 57.91 | 71.61 | 76.84 | 66.93 | 45.80 | 39.42 | 15.84 | 9.81  | 474.66 |
| 453 | 23.11 | 6.39  | 7.85  | 45.33 | 53.27 | 67.49 | 64.46 | 67.17 | 47.80 | 45.03 | 13.80 | 1.03  | 442.73 |
| 454 | 8.82  | 6.59  | 23.39 | 55.18 | 60.44 | 74.21 | 80.53 | 71.72 | 49.41 | 41.02 | 15.97 | 9.84  | 497.11 |
| 455 | 8.74  | 6.55  | 23.32 | 54.33 | 59.72 | 73.71 | 79.86 | 70.18 | 48.03 | 40.26 | 15.91 | 9.82  | 490.42 |
| 456 | 3.01  | 6.18  | 30.09 | 53.40 | 57.60 | 70.94 | 73.70 | 73.01 | 50.56 | 42.62 | 18.45 | 12.66 | 492.21 |
| 457 | 2.98  | 6.09  | 29.40 | 51.60 | 55.90 | 69.07 | 73.19 | 72.89 | 49.78 | 41.64 | 17.96 | 12.34 | 482.85 |
| 458 | 3.01  | 6.20  | 29.85 | 52.56 | 56.27 | 71.11 | 75.05 | 69.00 | 47.10 | 40.47 | 17.81 | 12.27 | 480.69 |
| 459 | 2.96  | 6.08  | 29.19 | 50.81 | 54.81 | 69.21 | 71.99 | 66.58 | 46.06 | 39.79 | 17.58 | 12.10 | 467.15 |
| 460 | 2.07  | 4.04  | 22.87 | 47.49 | 54.76 | 67.54 | 69.83 | 68.22 | 45.93 | 38.80 | 15.01 | 9.09  | 445.63 |
| 461 | 5.69  | 8.09  | 34.50 | 49.83 | 53.98 | 65.14 | 67.46 | 65.78 | 46.25 | 42.59 | 19.19 | 14.15 | 472.64 |
| 462 | 3.00  | 6.17  | 29.56 | 51.83 | 55.46 | 69.53 | 72.69 | 68.66 | 47.49 | 41.09 | 17.82 | 12.27 | 475.59 |
| 463 | 5.72  | 8.15  | 33.14 | 47.30 | 50.46 | 62.35 | 63.73 | 62.67 | 44.82 | 41.41 | 18.04 | 13.73 | 451.53 |
| 501 | 2.00  | 3.95  | 21.96 | 44.13 | 50.65 | 62.84 | 65.80 | 66.13 | 43.56 | 36.84 | 14.76 | 9.32  | 421.94 |
| 502 | 2.03  | 3.91  | 21.28 | 40.91 | 47.89 | 59.21 | 63.75 | 66.59 | 43.96 | 36.26 | 14.06 | 9.21  | 409.06 |
| 503 | 1.99  | 3.86  | 21.19 | 42.07 | 47.48 | 58.70 | 61.63 | 63.10 | 42.65 | 35.70 | 14.02 | 8.96  | 401.33 |
| 504 | 2.05  | 3.95  | 21.33 | 40.19 | 47.74 | 59.29 | 62.84 | 65.27 | 43.13 | 35.66 | 13.96 | 9.27  | 404.69 |
| 505 | 2.05  | 4.01  | 22.04 | 42.89 | 50.58 | 62.57 | 65.27 | 66.21 | 43.95 | 36.76 | 14.71 | 9.56  | 420.61 |
| 506 | 2.05  | 4.02  | 22.19 | 44.28 | 50.98 | 62.52 | 64.89 | 66.15 | 44.21 | 37.33 | 14.95 | 9.62  | 423.17 |
| 507 | 2.06  | 4.07  | 22.53 | 45.32 | 51.79 | 63.28 | 66.01 | 67.03 | 44.54 | 37.76 | 15.15 | 9.66  | 429.19 |
| 508 | 5.92  | 8.20  | 32.17 | 43.62 | 47.13 | 58.29 | 63.34 | 61.92 | 41.78 | 38.46 | 17.70 | 13.49 | 432.02 |
| 609 | 0.16  | 1.06  | 14.66 | 35.63 | 41.24 | 62.76 | 66.20 | 59.25 | 42.05 | 16.16 | 2.57  | 0.03  | 341.78 |
| 610 | 0.17  | 1.13  | 15.36 | 37.36 | 43.84 | 63.68 | 68.37 | 63.25 | 43.75 | 16.88 | 2.70  | 0.03  | 356.51 |
| 611 | 0.17  | 1.11  | 15.03 | 36.38 | 43.20 | 62.13 | 65.44 | 60.96 | 42.79 | 16.64 | 2.65  | 0.03  | 346.53 |
| 612 | 0.17  | 1.11  | 15.08 | 36.51 | 42.86 | 62.02 | 64.19 | 59.48 | 42.54 | 16.61 | 2.67  | 0.03  | 343.27 |
| 608 | 0.17  | 1.11  | 15.40 | 38.41 | 45.39 | 68.32 | 72.39 | 66.15 | 46.26 | 17.40 | 2.72  | 0.03  | 373.74 |
| 607 | 0.17  | 1.06  | 14.74 | 38.31 | 46.00 | 68.50 | 72.33 | 69.05 | 48.79 | 17.76 | 2.73  | 0.03  | 379.46 |
| 601 | 0.17  | 1.16  | 15.50 | 37.57 | 44.34 | 65.41 | 68.40 | 59.80 | 41.70 | 16.58 | 2.69  | 0.03  | 353.36 |
| 602 | 0.17  | 1.15  | 15.29 | 36.79 | 42.34 | 60.05 | 66.48 | 54.52 | 36.11 | 15.23 | 2.60  | 0.03  | 330.76 |
| 603 | 0.15  | 0.99  | 13.68 | 33.91 | 39.25 | 57.03 | 62.38 | 52.20 | 34.94 | 14.01 | 2.33  | 0.03  | 310.89 |
| 604 | 0.15  | 0.97  | 13.43 | 33.48 | 39.15 | 57.95 | 60.70 | 50.99 | 35.16 | 13.87 | 2.30  | 0.03  | 308.18 |
| 605 | 0.17  | 1.15  | 15.28 | 36.76 | 42.85 | 60.61 | 65.25 | 57.38 | 39.28 | 16.04 | 2.65  | 0.03  | 337.45 |
| 606 | 0.17  | 1.16  | 15.42 | 37.23 | 42.97 | 61.77 | 68.52 | 56.56 | 37.46 | 15.53 | 2.63  | 0.03  | 339.48 |
| 613 | 0.17  | 1.13  | 15.99 | 41.36 | 48.37 | 87.03 | 94.95 | 80.95 | 54.61 | 18.94 | 2.74  | 0.03  | 446.26 |
| 614 | 0.17  | 1.13  | 15.25 | 37.11 | 43.29 | 64.11 | 67.61 | 57.05 | 39.85 | 16.08 | 2.65  | 0.03  | 344.34 |
| 615 | 0.17  | 1.16  | 15.81 | 39.60 | 46.32 | 74.59 | 83.48 | 69.70 | 46.27 | 17.31 | 2.71  | 0.03  | 397.15 |
| 616 | 0.17  | 1.13  | 15.30 | 37.40 | 43.81 | 63.44 | 67.07 | 61.78 | 43.22 | 16.82 | 2.71  | 0.03  | 352.88 |
| 618 | 0.17  | 1.12  | 15.16 | 36.65 | 43.47 | 65.86 | 65.72 | 57.30 | 41.78 | 16.31 | 2.66  | 0.03  | 346.24 |
| 624 | 0.18  | 1.16  | 15.80 | 38.88 | 45.99 | 67.64 | 72.43 | 65.48 | 45.10 | 17.30 | 2.78  | 0.03  | 372.75 |
| 617 | 0.18  | 1.17  | 15.88 | 38.86 | 46.19 | 71.45 | 73.50 | 63.90 | 45.24 | 17.19 | 2.75  | 0.03  | 376.34 |
| 619 | 0.17  | 1.11  | 14.92 | 36.35 | 43.14 | 63.87 | 65.32 | 57.78 | 40.80 | 16.02 | 2.62  | 0.03  | 342.12 |
| 620 | 0.17  | 1.14  | 15.29 | 36.74 | 43.16 | 64.23 | 67.88 | 60.77 | 42.74 | 16.67 | 2.70  | 0.03  | 351.54 |
| 621 | 0.18  | 1.18  | 15.86 | 39.14 | 45.90 | 71.38 | 79.45 | 67.02 | 44.54 | 16.91 | 2.74  | 0.03  | 384.34 |
| 622 | 0.18  | 1.19  | 15.84 | 38.62 | 45.46 | 69.29 | 73.43 | 61.37 | 42.06 | 16.49 | 2.74  | 0.03  | 366.70 |

|     |      |      |       |       |       |        |        |       |       |       |      |      |        |
|-----|------|------|-------|-------|-------|--------|--------|-------|-------|-------|------|------|--------|
| 623 | 0.19 | 1.21 | 15.94 | 38.21 | 45.05 | 66.38  | 67.75  | 56.04 | 39.32 | 16.12 | 2.76 | 0.03 | 349.01 |
| 625 | 0.17 | 1.13 | 15.25 | 36.39 | 42.51 | 63.17  | 65.56  | 58.14 | 41.52 | 16.37 | 2.69 | 0.03 | 342.93 |
| 626 | 0.18 | 1.18 | 15.67 | 37.58 | 44.30 | 64.42  | 67.54  | 61.35 | 42.89 | 17.02 | 2.78 | 0.03 | 354.95 |
| 627 | 0.18 | 1.18 | 15.58 | 37.19 | 43.96 | 62.00  | 65.85  | 62.83 | 43.72 | 17.35 | 2.80 | 0.03 | 352.66 |
| 628 | 0.18 | 1.15 | 15.36 | 36.33 | 42.28 | 62.64  | 65.16  | 56.53 | 40.09 | 16.04 | 2.69 | 0.03 | 338.48 |
| 629 | 0.18 | 1.17 | 15.95 | 39.70 | 47.24 | 78.23  | 80.63  | 67.87 | 47.83 | 17.59 | 2.78 | 0.03 | 399.18 |
| 630 | 0.18 | 1.17 | 15.42 | 36.00 | 41.93 | 61.36  | 63.03  | 54.08 | 38.70 | 15.77 | 2.70 | 0.03 | 330.38 |
| 631 | 0.18 | 1.20 | 15.99 | 38.88 | 46.98 | 75.91  | 69.13  | 57.32 | 43.91 | 16.96 | 2.80 | 0.03 | 369.30 |
| 632 | 0.18 | 1.18 | 15.74 | 37.40 | 43.74 | 63.56  | 68.41  | 59.94 | 41.14 | 16.39 | 2.75 | 0.03 | 350.47 |
| 633 | 0.18 | 1.17 | 15.63 | 37.74 | 44.58 | 65.26  | 69.79  | 65.00 | 45.04 | 17.49 | 2.80 | 0.03 | 364.71 |
| 634 | 0.18 | 1.19 | 15.86 | 38.71 | 45.08 | 69.27  | 77.24  | 65.39 | 43.62 | 16.78 | 2.76 | 0.03 | 376.11 |
| 635 | 0.18 | 1.17 | 15.57 | 36.75 | 42.74 | 61.63  | 66.71  | 59.59 | 41.19 | 16.46 | 2.75 | 0.03 | 344.78 |
| 636 | 0.19 | 1.18 | 15.69 | 37.43 | 43.61 | 64.65  | 69.73  | 62.62 | 43.21 | 16.80 | 2.77 | 0.04 | 357.93 |
| 637 | 0.36 | 2.26 | 19.26 | 38.51 | 45.77 | 72.36  | 76.81  | 64.57 | 42.96 | 16.90 | 2.78 | 0.02 | 382.54 |
| 638 | 0.18 | 1.17 | 15.51 | 36.89 | 42.51 | 60.93  | 66.67  | 56.30 | 37.92 | 15.57 | 2.69 | 0.03 | 336.37 |
| 639 | 0.37 | 2.30 | 19.44 | 37.96 | 44.76 | 65.81  | 69.02  | 59.20 | 40.77 | 16.54 | 2.83 | 0.03 | 359.04 |
| 640 | 0.36 | 2.20 | 19.04 | 38.46 | 45.43 | 69.29  | 73.47  | 66.68 | 45.24 | 17.44 | 2.81 | 0.02 | 380.46 |
| 641 | 0.37 | 2.28 | 19.03 | 37.00 | 43.19 | 62.17  | 67.04  | 55.22 | 36.69 | 15.61 | 2.76 | 0.03 | 341.40 |
| 642 | 0.35 | 2.21 | 19.81 | 42.02 | 52.10 | 96.53  | 97.12  | 84.48 | 57.83 | 20.02 | 2.86 | 0.02 | 475.34 |
| 643 | 0.38 | 2.31 | 18.93 | 35.80 | 41.51 | 58.32  | 64.04  | 53.10 | 35.25 | 15.31 | 2.77 | 0.03 | 327.72 |
| 650 | 0.16 | 1.02 | 14.74 | 38.15 | 46.66 | 78.52  | 83.25  | 73.96 | 51.94 | 17.93 | 2.68 | 0.03 | 409.05 |
| 651 | 0.36 | 2.15 | 18.65 | 38.13 | 46.68 | 73.49  | 75.45  | 67.37 | 46.07 | 17.23 | 2.78 | 0.03 | 388.39 |
| 644 | 0.37 | 2.24 | 19.11 | 38.18 | 45.14 | 68.80  | 73.57  | 64.35 | 43.09 | 16.91 | 2.81 | 0.02 | 374.59 |
| 645 | 0.38 | 2.32 | 18.94 | 35.39 | 40.75 | 57.11  | 64.28  | 55.26 | 36.46 | 15.60 | 2.80 | 0.03 | 329.34 |
| 646 | 0.38 | 2.31 | 19.10 | 36.85 | 44.90 | 66.66  | 56.77  | 44.90 | 36.65 | 15.67 | 2.82 | 0.03 | 327.03 |
| 647 | 0.38 | 2.31 | 19.09 | 36.48 | 42.44 | 60.97  | 66.44  | 55.61 | 37.04 | 15.69 | 2.80 | 0.03 | 339.27 |
| 648 | 0.38 | 2.31 | 19.25 | 37.28 | 44.20 | 66.39  | 65.52  | 53.39 | 38.40 | 16.04 | 2.82 | 0.03 | 346.01 |
| 649 | 0.38 | 2.32 | 19.08 | 36.73 | 44.60 | 65.60  | 56.77  | 44.83 | 36.09 | 15.55 | 2.82 | 0.03 | 324.79 |
| 652 | 0.37 | 2.27 | 19.11 | 37.05 | 43.65 | 65.32  | 67.80  | 57.92 | 40.51 | 16.39 | 2.81 | 0.03 | 353.22 |
| 653 | 0.39 | 2.32 | 18.98 | 35.04 | 40.51 | 56.48  | 62.84  | 55.24 | 37.21 | 15.70 | 2.81 | 0.03 | 327.54 |
| 654 | 0.37 | 2.26 | 18.95 | 36.60 | 43.08 | 64.37  | 66.82  | 57.52 | 40.24 | 16.26 | 2.80 | 0.03 | 349.29 |
| 655 | 0.39 | 2.32 | 19.07 | 36.66 | 44.27 | 64.64  | 57.19  | 45.21 | 35.72 | 15.49 | 2.83 | 0.03 | 323.81 |
| 656 | 0.38 | 2.28 | 18.97 | 36.06 | 42.20 | 62.81  | 65.30  | 55.47 | 38.78 | 16.00 | 2.79 | 0.03 | 341.07 |
| 657 | 0.37 | 2.27 | 19.21 | 38.17 | 45.25 | 70.43  | 75.21  | 63.09 | 42.03 | 16.69 | 2.81 | 0.03 | 375.55 |
| 658 | 0.38 | 2.29 | 18.88 | 36.16 | 41.67 | 56.92  | 63.69  | 51.77 | 33.50 | 14.93 | 2.77 | 0.03 | 322.99 |
| 659 | 0.37 | 2.27 | 19.28 | 38.51 | 45.78 | 72.36  | 77.02  | 64.80 | 43.21 | 16.94 | 2.82 | 0.03 | 383.39 |
| 660 | 0.38 | 2.30 | 19.17 | 36.58 | 42.79 | 62.02  | 64.94  | 55.49 | 38.56 | 16.02 | 2.82 | 0.03 | 341.12 |
| 661 | 0.38 | 2.29 | 19.00 | 36.86 | 42.90 | 61.52  | 67.48  | 55.56 | 36.44 | 15.55 | 2.79 | 0.03 | 340.79 |
| 662 | 0.38 | 2.30 | 19.04 | 35.95 | 41.76 | 59.64  | 65.07  | 55.76 | 37.64 | 15.76 | 2.81 | 0.03 | 336.15 |
| 663 | 0.39 | 2.25 | 18.90 | 35.41 | 40.80 | 56.47  | 63.04  | 58.47 | 39.81 | 16.24 | 2.82 | 0.03 | 334.62 |
| 664 | 0.37 | 2.24 | 19.53 | 40.15 | 48.76 | 83.86  | 86.67  | 74.28 | 50.43 | 18.43 | 2.86 | 0.03 | 427.60 |
| 665 | 0.39 | 2.33 | 19.37 | 36.84 | 43.01 | 63.30  | 68.78  | 59.72 | 40.23 | 16.43 | 2.86 | 0.03 | 353.29 |
| 666 | 0.35 | 2.20 | 19.96 | 42.87 | 53.61 | 102.20 | 102.09 | 89.37 | 61.54 | 20.81 | 2.93 | 0.02 | 497.96 |
| 667 | 0.35 | 2.21 | 19.96 | 42.86 | 53.59 | 102.15 | 101.99 | 89.28 | 61.46 | 20.81 | 2.93 | 0.02 | 497.60 |
| 668 | 0.38 | 2.26 | 19.54 | 39.14 | 46.78 | 75.96  | 79.22  | 70.12 | 48.18 | 18.12 | 2.90 | 0.03 | 402.62 |
| 669 | 0.42 | 2.36 | 19.41 | 37.12 | 43.48 | 62.29  | 65.78  | 57.56 | 39.64 | 16.31 | 2.90 | 0.05 | 347.32 |
| 670 | 0.37 | 2.20 | 18.56 | 35.64 | 41.37 | 60.67  | 63.98  | 57.26 | 40.54 | 16.28 | 2.78 | 0.03 | 339.68 |
| 671 | 0.38 | 2.29 | 19.16 | 37.55 | 44.30 | 67.02  | 72.33  | 60.67 | 40.17 | 16.29 | 2.83 | 0.03 | 363.03 |
| 672 | 0.39 | 2.34 | 19.26 | 35.73 | 41.70 | 63.43  | 66.31  | 55.66 | 38.93 | 16.15 | 2.84 | 0.03 | 342.77 |
| 673 | 0.37 | 2.18 | 18.62 | 36.52 | 42.73 | 62.56  | 65.06  | 59.63 | 42.49 | 16.61 | 2.79 | 0.03 | 349.59 |
| 674 | 0.37 | 2.30 | 20.68 | 42.94 | 51.29 | 98.82  | 95.11  | 79.36 | 58.65 | 20.72 | 2.98 | 0.03 | 473.23 |

|     |      |      |       |       |       |        |        |       |       |       |      |      |        |
|-----|------|------|-------|-------|-------|--------|--------|-------|-------|-------|------|------|--------|
| 675 | 0.37 | 2.30 | 20.63 | 42.67 | 50.92 | 97.43  | 94.11  | 78.55 | 57.91 | 20.56 | 2.98 | 0.03 | 468.44 |
| 676 | 0.36 | 2.16 | 18.35 | 36.27 | 42.45 | 62.88  | 63.91  | 55.36 | 39.99 | 16.05 | 2.75 | 0.03 | 340.55 |
| 677 | 0.37 | 2.28 | 20.53 | 42.58 | 50.75 | 97.31  | 93.75  | 78.29 | 58.00 | 20.57 | 2.96 | 0.03 | 467.42 |
| 678 | 0.31 | 1.91 | 17.19 | 35.16 | 39.80 | 67.47  | 66.48  | 59.44 | 45.90 | 16.92 | 2.54 | 0.02 | 353.14 |
| 679 | 0.31 | 1.86 | 16.73 | 34.70 | 39.11 | 59.74  | 58.58  | 55.70 | 44.07 | 16.54 | 2.54 | 0.02 | 329.90 |
| 701 | 0.28 | 1.72 | 16.20 | 38.85 | 50.08 | 71.58  | 64.08  | 62.40 | 46.92 | 17.29 | 2.52 | 0.02 | 371.96 |
| 702 | 0.28 | 1.72 | 16.19 | 38.83 | 50.05 | 71.52  | 64.04  | 62.35 | 46.89 | 17.29 | 2.52 | 0.02 | 371.69 |
| 703 | 0.28 | 1.72 | 16.20 | 38.86 | 50.09 | 71.60  | 64.09  | 62.41 | 46.92 | 17.29 | 2.52 | 0.02 | 372.02 |
| 704 | 0.28 | 1.72 | 16.20 | 38.86 | 50.09 | 71.60  | 64.09  | 62.41 | 46.92 | 17.29 | 2.52 | 0.02 | 372.02 |
| 705 | 0.28 | 1.70 | 16.01 | 38.19 | 48.89 | 69.39  | 62.19  | 60.54 | 45.91 | 17.13 | 2.50 | 0.02 | 362.74 |
| 706 | 0.26 | 1.55 | 14.65 | 33.66 | 40.77 | 54.48  | 49.43  | 47.90 | 39.03 | 15.93 | 2.32 | 0.02 | 299.99 |
| 707 | 0.26 | 1.55 | 14.63 | 33.60 | 40.69 | 54.37  | 49.34  | 47.79 | 38.97 | 15.92 | 2.32 | 0.02 | 299.46 |
| 708 | 0.28 | 1.68 | 15.78 | 36.68 | 45.69 | 63.89  | 57.96  | 54.02 | 42.31 | 16.54 | 2.43 | 0.02 | 337.30 |
| 709 | 0.31 | 1.88 | 17.25 | 39.38 | 47.20 | 62.31  | 57.77  | 52.76 | 40.16 | 16.55 | 2.57 | 0.03 | 338.17 |
| 710 | 0.35 | 2.17 | 19.59 | 44.34 | 53.32 | 73.16  | 69.13  | 62.19 | 45.28 | 17.85 | 2.83 | 0.03 | 390.23 |
| 711 | 0.29 | 1.69 | 16.13 | 37.34 | 47.07 | 67.83  | 64.74  | 63.85 | 48.73 | 17.16 | 2.51 | 0.02 | 367.35 |
| 712 | 0.34 | 2.04 | 18.78 | 42.94 | 52.72 | 74.95  | 70.46  | 65.49 | 47.88 | 17.76 | 2.74 | 0.03 | 396.13 |
| 713 | 0.39 | 2.35 | 21.33 | 49.18 | 60.12 | 83.65  | 75.78  | 68.64 | 49.98 | 18.99 | 3.01 | 0.03 | 433.44 |
| 714 | 0.40 | 2.39 | 21.50 | 47.92 | 56.71 | 75.01  | 69.26  | 63.38 | 46.85 | 18.90 | 3.05 | 0.03 | 405.41 |
| 715 | 0.40 | 2.42 | 21.83 | 50.33 | 60.22 | 80.29  | 73.84  | 66.20 | 46.94 | 18.50 | 3.04 | 0.03 | 424.05 |
| 716 | 0.37 | 2.25 | 21.13 | 50.10 | 65.68 | 108.94 | 100.42 | 88.12 | 60.76 | 20.01 | 2.92 | 0.03 | 520.73 |
| 717 | 0.40 | 2.42 | 21.73 | 49.69 | 59.02 | 76.89  | 72.62  | 61.39 | 41.96 | 17.56 | 2.99 | 0.03 | 406.70 |
| 718 | 0.37 | 2.26 | 21.07 | 49.67 | 64.14 | 103.01 | 95.55  | 83.75 | 58.50 | 20.32 | 2.99 | 0.03 | 501.63 |
| 719 | 0.39 | 2.38 | 21.57 | 50.80 | 62.27 | 84.70  | 76.26  | 67.00 | 47.54 | 18.30 | 2.99 | 0.03 | 434.22 |
| 720 | 0.40 | 2.40 | 21.79 | 51.31 | 63.11 | 86.45  | 76.58  | 68.22 | 49.53 | 18.88 | 3.04 | 0.03 | 441.73 |
| 721 | 0.38 | 2.28 | 21.02 | 49.58 | 62.68 | 95.59  | 89.03  | 79.39 | 55.93 | 20.02 | 2.99 | 0.03 | 478.91 |
| 722 | 0.39 | 2.36 | 21.38 | 50.00 | 60.95 | 82.63  | 75.41  | 67.91 | 48.00 | 18.55 | 2.99 | 0.03 | 430.62 |
| 723 | 0.40 | 2.43 | 21.72 | 49.67 | 59.00 | 76.86  | 72.54  | 61.32 | 41.95 | 17.57 | 3.00 | 0.03 | 406.49 |
| 724 | 0.37 | 2.21 | 19.99 | 45.86 | 54.98 | 71.98  | 67.37  | 57.96 | 41.11 | 17.07 | 2.83 | 0.03 | 381.75 |
| 725 | 0.34 | 2.02 | 18.46 | 42.51 | 51.39 | 67.49  | 62.65  | 54.89 | 40.34 | 16.65 | 2.69 | 0.03 | 359.46 |
| 726 | 0.38 | 2.29 | 20.55 | 46.16 | 54.75 | 73.86  | 70.44  | 62.81 | 44.57 | 17.75 | 2.91 | 0.03 | 396.50 |
| 727 | 0.46 | 2.46 | 21.71 | 50.65 | 62.50 | 88.94  | 81.13  | 72.80 | 51.82 | 19.35 | 3.11 | 0.09 | 455.02 |
| 728 | 0.40 | 2.43 | 21.83 | 50.02 | 59.62 | 78.67  | 74.21  | 63.06 | 43.14 | 17.81 | 3.02 | 0.03 | 414.25 |
| 729 | 0.38 | 2.24 | 20.60 | 49.06 | 61.05 | 85.79  | 77.47  | 71.14 | 51.74 | 19.03 | 2.96 | 0.03 | 441.49 |
| 730 | 0.32 | 1.72 | 17.81 | 38.92 | 46.36 | 72.83  | 75.99  | 67.16 | 47.78 | 17.75 | 2.85 | 0.05 | 389.54 |
| 731 | 0.39 | 2.18 | 19.09 | 39.98 | 50.80 | 79.27  | 79.44  | 72.85 | 48.40 | 17.39 | 2.86 | 0.03 | 412.68 |
| 732 | 0.35 | 2.12 | 19.27 | 44.48 | 68.65 | 113.14 | 99.74  | 87.25 | 53.63 | 16.33 | 2.66 | 0.03 | 507.66 |
| 733 | 0.40 | 2.29 | 19.57 | 39.52 | 48.11 | 76.81  | 78.01  | 67.14 | 45.95 | 17.29 | 2.90 | 0.03 | 398.03 |
| 734 | 0.40 | 2.27 | 19.12 | 37.49 | 44.12 | 65.31  | 68.66  | 60.54 | 41.87 | 16.62 | 2.90 | 0.03 | 359.34 |
| 735 | 0.33 | 1.89 | 16.51 | 33.25 | 39.06 | 58.53  | 62.02  | 57.93 | 42.43 | 16.01 | 2.60 | 0.03 | 330.60 |
| 736 | 0.39 | 2.28 | 19.43 | 38.86 | 46.55 | 72.59  | 73.32  | 63.42 | 44.46 | 17.01 | 2.88 | 0.03 | 381.23 |
| 737 | 0.40 | 2.30 | 19.07 | 37.18 | 43.48 | 63.74  | 69.44  | 57.55 | 37.84 | 15.75 | 2.87 | 0.03 | 349.67 |
| 738 | 0.34 | 1.80 | 18.13 | 38.74 | 46.04 | 70.49  | 73.51  | 64.74 | 45.92 | 17.52 | 2.92 | 0.05 | 380.20 |
| 739 | 0.33 | 1.77 | 17.91 | 37.99 | 44.56 | 65.71  | 71.27  | 63.46 | 44.41 | 17.13 | 2.87 | 0.05 | 367.47 |
| 740 | 0.41 | 2.20 | 18.92 | 37.99 | 44.33 | 64.09  | 68.89  | 64.89 | 44.20 | 17.27 | 2.94 | 0.03 | 366.17 |
| 741 | 0.33 | 1.71 | 17.52 | 37.17 | 42.99 | 70.36  | 76.09  | 66.46 | 46.86 | 17.48 | 2.82 | 0.05 | 379.84 |
| 742 | 0.32 | 1.65 | 17.02 | 36.53 | 42.29 | 67.18  | 72.32  | 63.07 | 45.20 | 16.96 | 2.76 | 0.05 | 365.35 |
| 743 | 0.34 | 1.81 | 18.00 | 37.68 | 43.40 | 65.68  | 72.16  | 59.32 | 41.05 | 16.47 | 2.87 | 0.06 | 358.85 |
| 744 | 0.34 | 1.79 | 17.86 | 38.28 | 44.61 | 67.26  | 74.62  | 60.29 | 41.48 | 16.54 | 2.86 | 0.06 | 365.99 |
| 745 | 0.33 | 1.74 | 17.86 | 39.49 | 46.78 | 78.14  | 86.31  | 70.74 | 48.88 | 17.86 | 2.87 | 0.05 | 411.06 |
| 746 | 0.33 | 1.71 | 17.56 | 37.96 | 44.23 | 68.07  | 72.19  | 63.46 | 45.10 | 17.21 | 2.84 | 0.05 | 370.70 |

|     |      |      |       |       |       |       |        |       |       |       |      |      |        |
|-----|------|------|-------|-------|-------|-------|--------|-------|-------|-------|------|------|--------|
| 747 | 0.33 | 1.73 | 17.84 | 38.94 | 46.08 | 75.79 | 77.58  | 66.87 | 47.63 | 17.83 | 2.88 | 0.05 | 393.55 |
| 748 | 0.33 | 1.77 | 18.35 | 40.16 | 47.61 | 73.59 | 78.26  | 68.48 | 48.11 | 17.91 | 2.92 | 0.05 | 397.55 |
| 749 | 0.26 | 1.42 | 15.67 | 38.98 | 50.04 | 59.37 | 71.13  | 56.18 | 34.97 | 15.23 | 2.95 | 0.12 | 346.34 |
| 750 | 0.26 | 1.40 | 15.75 | 39.15 | 49.90 | 65.99 | 78.27  | 60.98 | 36.72 | 15.57 | 2.94 | 0.11 | 367.06 |
| 751 | 0.26 | 1.40 | 15.27 | 37.11 | 47.14 | 53.93 | 63.52  | 47.36 | 30.36 | 14.09 | 2.89 | 0.12 | 313.46 |
| 752 | 0.30 | 1.47 | 15.83 | 39.93 | 51.23 | 66.11 | 76.47  | 58.99 | 35.99 | 15.56 | 3.00 | 0.15 | 365.02 |
| 753 | 0.27 | 1.43 | 15.81 | 39.10 | 50.05 | 62.77 | 74.82  | 56.94 | 34.36 | 15.07 | 2.96 | 0.12 | 353.70 |
| 754 | 0.27 | 1.44 | 15.98 | 40.12 | 51.03 | 64.47 | 76.15  | 59.03 | 35.88 | 15.59 | 3.02 | 0.12 | 363.10 |
| 755 | 0.27 | 1.44 | 15.72 | 38.69 | 48.87 | 55.39 | 67.47  | 48.77 | 30.10 | 14.11 | 2.93 | 0.12 | 323.87 |
| 756 | 0.26 | 1.40 | 16.00 | 42.09 | 54.82 | 77.09 | 87.22  | 69.57 | 42.00 | 17.07 | 3.04 | 0.11 | 410.67 |
| 757 | 0.27 | 1.42 | 15.99 | 41.56 | 53.19 | 70.83 | 81.49  | 64.55 | 39.22 | 16.44 | 3.04 | 0.11 | 388.12 |
| 758 | 0.26 | 1.39 | 15.69 | 41.76 | 55.78 | 76.72 | 92.09  | 73.35 | 44.16 | 17.03 | 3.02 | 0.11 | 421.36 |
| 759 | 0.26 | 1.35 | 15.86 | 43.30 | 56.89 | 84.64 | 97.43  | 78.59 | 46.48 | 17.90 | 3.03 | 0.10 | 445.83 |
| 760 | 0.26 | 1.40 | 16.04 | 42.72 | 55.03 | 75.78 | 86.42  | 69.84 | 42.08 | 17.10 | 3.05 | 0.11 | 409.82 |
| 761 | 0.77 | 2.06 | 16.46 | 40.41 | 51.86 | 63.66 | 75.12  | 58.50 | 36.10 | 15.87 | 3.45 | 0.58 | 364.83 |
| 762 | 0.25 | 1.33 | 15.16 | 41.42 | 65.47 | 80.45 | 84.73  | 65.76 | 34.57 | 13.12 | 2.69 | 0.11 | 405.07 |
| 763 | 0.26 | 1.41 | 15.80 | 40.86 | 53.10 | 68.91 | 80.62  | 61.81 | 36.81 | 15.55 | 2.97 | 0.12 | 378.22 |
| 764 | 0.20 | 0.97 | 11.63 | 30.93 | 40.22 | 48.96 | 59.87  | 51.61 | 34.02 | 14.09 | 2.44 | 0.09 | 295.03 |
| 801 | 0.20 | 0.99 | 11.76 | 31.35 | 36.95 | 41.77 | 50.20  | 45.83 | 32.58 | 14.24 | 2.50 | 0.09 | 268.47 |
| 802 | 0.20 | 0.99 | 11.76 | 31.35 | 36.96 | 41.78 | 50.20  | 45.83 | 32.59 | 14.24 | 2.50 | 0.09 | 268.48 |
| 803 | 0.19 | 0.95 | 11.31 | 29.67 | 33.97 | 38.61 | 46.63  | 41.82 | 30.56 | 13.68 | 2.40 | 0.09 | 249.87 |
| 804 | 0.19 | 0.96 | 11.47 | 30.28 | 35.05 | 39.75 | 47.92  | 43.27 | 31.29 | 13.89 | 2.44 | 0.09 | 256.60 |
| 805 | 0.20 | 1.01 | 12.04 | 31.85 | 37.69 | 45.45 | 53.69  | 46.79 | 32.70 | 14.35 | 2.52 | 0.09 | 278.39 |
| 806 | 0.23 | 1.19 | 13.95 | 37.63 | 48.68 | 70.47 | 86.18  | 68.79 | 42.56 | 16.52 | 2.81 | 0.10 | 389.11 |
| 807 | 0.27 | 1.40 | 15.58 | 39.45 | 50.23 | 63.98 | 75.63  | 59.26 | 36.64 | 15.61 | 2.99 | 0.12 | 361.16 |
| 808 | 0.20 | 1.02 | 12.03 | 31.79 | 39.15 | 49.76 | 59.15  | 49.10 | 33.48 | 14.53 | 2.54 | 0.09 | 292.83 |
| 809 | 0.19 | 0.93 | 11.07 | 28.85 | 34.34 | 39.29 | 45.45  | 39.11 | 28.87 | 13.53 | 2.41 | 0.09 | 244.13 |
| 810 | 0.25 | 1.33 | 14.46 | 34.48 | 42.85 | 49.70 | 57.17  | 42.29 | 28.53 | 13.54 | 2.79 | 0.12 | 287.51 |
| 811 | 0.27 | 1.44 | 15.60 | 38.26 | 48.93 | 57.54 | 68.37  | 53.12 | 33.33 | 14.86 | 2.99 | 0.13 | 334.84 |
| 812 | 0.26 | 1.34 | 15.03 | 37.31 | 47.10 | 57.11 | 68.77  | 53.12 | 33.16 | 14.54 | 2.87 | 0.12 | 330.72 |
| 813 | 0.23 | 1.17 | 13.72 | 36.66 | 47.13 | 66.37 | 80.88  | 64.78 | 40.57 | 16.07 | 2.78 | 0.10 | 370.45 |
| 814 | 0.27 | 1.45 | 15.83 | 38.73 | 49.06 | 57.68 | 70.29  | 53.19 | 32.78 | 14.71 | 2.99 | 0.13 | 337.11 |
| 815 | 0.26 | 1.34 | 15.60 | 42.54 | 56.91 | 87.79 | 108.69 | 85.50 | 50.25 | 18.16 | 3.05 | 0.11 | 470.20 |
| 816 | 0.27 | 1.44 | 15.53 | 36.97 | 46.01 | 54.21 | 67.85  | 49.04 | 30.11 | 13.92 | 2.92 | 0.13 | 318.40 |
| 817 | 0.27 | 1.40 | 15.55 | 39.40 | 50.76 | 68.26 | 84.89  | 64.12 | 38.48 | 15.70 | 2.98 | 0.12 | 381.92 |
| 818 | 0.27 | 1.45 | 15.56 | 38.15 | 48.57 | 57.28 | 70.17  | 55.27 | 33.98 | 15.02 | 2.99 | 0.13 | 338.84 |
| 819 | 0.27 | 1.41 | 15.56 | 39.24 | 50.30 | 67.08 | 83.51  | 62.66 | 37.70 | 15.57 | 2.98 | 0.12 | 376.39 |
| 820 | 0.27 | 1.40 | 15.50 | 39.15 | 49.89 | 66.60 | 82.75  | 61.62 | 37.21 | 15.49 | 2.96 | 0.12 | 372.96 |
| 821 | 0.27 | 1.43 | 15.54 | 38.06 | 48.34 | 57.71 | 70.07  | 55.17 | 33.91 | 14.91 | 2.97 | 0.13 | 338.50 |
| 822 | 0.26 | 1.35 | 15.57 | 41.79 | 55.14 | 82.95 | 102.88 | 79.84 | 47.17 | 17.58 | 3.04 | 0.11 | 447.68 |
| 823 | 0.27 | 1.44 | 15.73 | 38.88 | 49.56 | 60.72 | 74.13  | 57.37 | 35.02 | 15.19 | 3.00 | 0.13 | 351.44 |
| 824 | 0.28 | 1.45 | 15.71 | 38.45 | 48.71 | 57.51 | 70.29  | 53.76 | 33.12 | 14.81 | 3.00 | 0.13 | 337.20 |
| 825 | 0.27 | 1.42 | 15.46 | 38.28 | 48.57 | 61.37 | 76.38  | 57.22 | 34.78 | 14.95 | 2.96 | 0.13 | 351.77 |
| 826 | 0.28 | 1.46 | 15.81 | 38.00 | 47.90 | 56.55 | 68.76  | 52.18 | 32.13 | 14.54 | 3.00 | 0.14 | 330.75 |
| 827 | 0.27 | 1.40 | 15.30 | 39.19 | 51.13 | 67.82 | 84.18  | 67.82 | 40.86 | 16.43 | 3.01 | 0.12 | 387.52 |
| 828 | 0.27 | 1.39 | 15.33 | 39.44 | 51.54 | 69.28 | 85.98  | 69.10 | 41.54 | 16.56 | 3.02 | 0.12 | 393.58 |
| 829 | 0.27 | 1.42 | 15.47 | 38.60 | 49.47 | 63.37 | 78.87  | 60.54 | 36.67 | 15.46 | 2.99 | 0.13 | 363.27 |
| 830 | 0.28 | 1.46 | 15.68 | 36.92 | 45.84 | 55.06 | 68.64  | 50.86 | 30.96 | 14.20 | 2.96 | 0.14 | 322.99 |
| 831 | 0.28 | 1.46 | 15.61 | 37.23 | 46.41 | 54.07 | 67.63  | 48.50 | 29.92 | 13.98 | 2.96 | 0.14 | 318.19 |
| 832 | 0.28 | 1.46 | 15.63 | 37.83 | 47.54 | 57.43 | 71.73  | 52.12 | 31.95 | 14.45 | 2.99 | 0.14 | 333.55 |
| 833 | 0.28 | 1.44 | 15.66 | 37.61 | 47.23 | 56.12 | 68.71  | 52.21 | 32.03 | 14.43 | 2.97 | 0.14 | 328.81 |

|     |      |       |       |       |       |       |        |       |       |       |      |      |        |
|-----|------|-------|-------|-------|-------|-------|--------|-------|-------|-------|------|------|--------|
| 834 | 0.36 | 2.18  | 16.88 | 39.18 | 50.43 | 67.68 | 78.02  | 58.28 | 35.56 | 14.97 | 2.90 | 0.10 | 366.53 |
| 835 | 0.35 | 2.12  | 16.84 | 40.94 | 54.32 | 77.56 | 89.63  | 67.70 | 40.78 | 15.54 | 2.86 | 0.10 | 408.73 |
| 836 | 0.36 | 2.23  | 17.07 | 38.72 | 48.58 | 59.62 | 69.32  | 51.15 | 31.59 | 14.55 | 2.94 | 0.11 | 336.25 |
| 837 | 0.34 | 2.10  | 16.85 | 41.38 | 55.45 | 81.14 | 93.53  | 71.10 | 42.66 | 15.77 | 2.86 | 0.09 | 423.26 |
| 838 | 0.34 | 2.04  | 16.88 | 42.75 | 58.98 | 92.21 | 105.65 | 81.61 | 48.49 | 16.48 | 2.83 | 0.09 | 468.36 |
| 839 | 0.37 | 2.25  | 17.24 | 38.75 | 48.80 | 58.71 | 66.73  | 49.52 | 31.16 | 14.56 | 2.98 | 0.11 | 331.17 |
| 840 | 0.36 | 2.22  | 16.96 | 38.72 | 48.54 | 60.03 | 69.83  | 50.92 | 31.44 | 14.51 | 2.94 | 0.11 | 336.58 |
| 841 | 2.20 | 16.87 | 39.21 | 49.70 | 62.80 | 73.60 | 53.65  | 33.00 | 14.64 | 2.94  | 0.11 | 0.36 | 349.08 |
| 842 | 0.36 | 2.21  | 16.82 | 38.79 | 48.71 | 59.81 | 70.20  | 50.83 | 31.46 | 14.43 | 2.92 | 0.11 | 336.66 |
| 843 | 0.37 | 2.25  | 17.11 | 38.00 | 47.90 | 57.33 | 64.72  | 48.73 | 30.81 | 14.49 | 2.97 | 0.11 | 324.80 |
| 844 | 0.37 | 2.23  | 16.82 | 37.96 | 46.55 | 54.26 | 64.18  | 44.97 | 28.27 | 14.07 | 2.93 | 0.11 | 312.72 |
| 845 | 0.37 | 2.23  | 16.80 | 38.04 | 46.65 | 54.38 | 64.15  | 44.92 | 28.27 | 14.05 | 2.93 | 0.11 | 312.90 |
| 846 | 0.28 | 1.67  | 13.42 | 31.86 | 39.56 | 46.56 | 52.86  | 42.58 | 28.82 | 13.50 | 2.51 | 0.09 | 273.70 |
| 847 | 0.36 | 2.17  | 16.50 | 37.72 | 48.77 | 59.43 | 54.83  | 42.33 | 30.26 | 14.29 | 2.92 | 0.11 | 309.71 |
| 848 | 0.36 | 2.21  | 16.74 | 37.23 | 46.22 | 54.21 | 63.86  | 47.32 | 29.64 | 14.24 | 2.93 | 0.11 | 315.08 |
| 849 | 0.36 | 2.18  | 16.52 | 36.37 | 45.28 | 53.38 | 60.72  | 45.13 | 29.11 | 14.08 | 2.91 | 0.11 | 306.14 |
| 850 | 0.37 | 2.23  | 16.85 | 38.24 | 48.15 | 57.44 | 59.95  | 43.67 | 29.25 | 14.21 | 2.95 | 0.11 | 313.41 |
| 851 | 0.37 | 2.23  | 16.85 | 38.24 | 48.14 | 57.44 | 59.96  | 43.67 | 29.25 | 14.21 | 2.95 | 0.11 | 313.41 |
| 852 | 0.36 | 2.17  | 16.75 | 38.06 | 48.27 | 58.73 | 67.27  | 50.45 | 31.36 | 14.40 | 2.91 | 0.11 | 330.84 |
| 853 | 0.37 | 2.24  | 17.03 | 37.94 | 47.27 | 55.05 | 65.53  | 49.35 | 30.42 | 14.46 | 2.97 | 0.11 | 322.76 |
| 854 | 0.36 | 2.20  | 16.81 | 38.73 | 48.42 | 59.84 | 70.10  | 50.20 | 31.20 | 14.41 | 2.92 | 0.11 | 335.32 |
| 855 | 0.37 | 2.24  | 16.88 | 38.43 | 47.33 | 55.96 | 66.05  | 46.48 | 29.14 | 14.25 | 2.96 | 0.11 | 320.20 |
| 856 | 0.36 | 2.16  | 16.84 | 40.10 | 52.11 | 70.56 | 81.95  | 61.05 | 37.12 | 15.12 | 2.91 | 0.11 | 380.40 |
| 857 | 0.38 | 2.26  | 16.97 | 37.04 | 45.60 | 53.30 | 64.35  | 46.01 | 28.60 | 14.10 | 2.98 | 0.12 | 311.70 |
| 858 | 0.36 | 2.20  | 16.86 | 39.24 | 49.74 | 63.22 | 74.00  | 53.89 | 33.16 | 14.67 | 2.93 | 0.11 | 350.38 |
| 859 | 0.38 | 2.26  | 17.12 | 37.73 | 46.72 | 54.24 | 64.69  | 47.53 | 29.52 | 14.33 | 3.00 | 0.12 | 317.64 |
| 860 | 0.36 | 2.17  | 16.85 | 39.58 | 50.61 | 66.52 | 77.50  | 56.68 | 34.75 | 14.86 | 2.92 | 0.11 | 362.91 |
| 861 | 0.37 | 2.23  | 16.74 | 36.04 | 44.33 | 51.52 | 62.78  | 46.31 | 28.69 | 14.05 | 2.95 | 0.12 | 306.12 |
| 862 | 0.37 | 2.25  | 16.90 | 38.47 | 47.63 | 56.15 | 66.39  | 47.30 | 29.49 | 14.27 | 2.97 | 0.12 | 322.31 |
| 863 | 0.37 | 2.24  | 16.88 | 38.57 | 47.95 | 57.25 | 67.56  | 48.36 | 30.07 | 14.32 | 2.97 | 0.12 | 326.66 |
| 864 | 0.37 | 2.24  | 16.92 | 38.43 | 47.48 | 55.55 | 65.76  | 46.76 | 29.19 | 14.25 | 2.98 | 0.12 | 320.06 |
| 865 | 0.37 | 2.24  | 16.83 | 38.29 | 47.42 | 55.73 | 65.74  | 46.95 | 29.32 | 14.20 | 2.96 | 0.12 | 320.15 |
| 866 | 0.37 | 2.24  | 16.90 | 38.54 | 47.84 | 56.79 | 67.07  | 47.93 | 29.84 | 14.31 | 2.97 | 0.12 | 324.93 |
| 867 | 0.37 | 2.22  | 16.91 | 37.39 | 46.59 | 54.76 | 65.34  | 49.45 | 30.48 | 14.41 | 2.96 | 0.12 | 320.99 |
| 868 | 0.37 | 2.25  | 16.90 | 38.47 | 47.65 | 56.21 | 66.45  | 47.36 | 29.52 | 14.27 | 2.97 | 0.12 | 322.54 |
| 869 | 0.37 | 2.24  | 16.88 | 38.58 | 47.97 | 57.30 | 67.62  | 48.41 | 30.10 | 14.33 | 2.97 | 0.12 | 326.88 |
| 870 | 0.37 | 2.24  | 16.92 | 38.43 | 47.49 | 55.57 | 65.79  | 46.78 | 29.21 | 14.25 | 2.98 | 0.12 | 320.16 |
| 871 | 0.37 | 2.24  | 16.90 | 38.54 | 47.85 | 56.83 | 67.12  | 47.97 | 29.86 | 14.31 | 2.97 | 0.12 | 325.08 |
| 872 | 0.37 | 2.22  | 16.91 | 37.41 | 46.62 | 54.77 | 65.35  | 49.51 | 30.51 | 14.42 | 2.96 | 0.12 | 321.16 |
| 873 | 0.37 | 2.20  | 16.95 | 38.52 | 48.72 | 59.28 | 68.70  | 51.97 | 32.16 | 14.68 | 2.97 | 0.12 | 336.66 |
| 874 | 0.38 | 2.25  | 17.02 | 38.51 | 48.01 | 57.86 | 69.35  | 51.11 | 31.03 | 14.60 | 3.00 | 0.12 | 333.23 |
| 875 | 0.38 | 2.26  | 17.01 | 38.73 | 48.16 | 57.04 | 68.07  | 50.11 | 30.41 | 14.49 | 3.00 | 0.12 | 329.76 |
| 876 | 0.38 | 2.27  | 17.14 | 37.80 | 47.21 | 55.51 | 67.05  | 50.02 | 30.31 | 14.47 | 3.03 | 0.12 | 325.31 |
| 877 | 0.38 | 2.25  | 17.15 | 38.40 | 48.38 | 57.82 | 66.90  | 50.91 | 31.48 | 14.71 | 3.02 | 0.12 | 331.51 |
| 878 | 0.39 | 2.28  | 17.28 | 38.45 | 48.31 | 57.17 | 66.79  | 49.33 | 30.69 | 14.64 | 3.06 | 0.12 | 328.51 |
| 879 | 0.38 | 2.24  | 16.81 | 38.19 | 47.20 | 54.73 | 65.05  | 47.82 | 29.05 | 14.13 | 2.97 | 0.12 | 318.68 |
| 880 | 0.38 | 2.25  | 17.09 | 37.94 | 47.42 | 55.95 | 65.91  | 48.64 | 30.28 | 14.48 | 3.02 | 0.12 | 323.50 |
| 881 | 0.38 | 2.24  | 16.80 | 38.03 | 46.61 | 53.92 | 64.10  | 46.36 | 28.22 | 14.04 | 2.96 | 0.12 | 313.77 |
| 882 | 0.36 | 2.16  | 16.33 | 37.17 | 45.67 | 52.92 | 62.26  | 45.90 | 28.39 | 13.98 | 2.90 | 0.12 | 308.18 |
| 883 | 0.37 | 2.16  | 16.34 | 37.19 | 45.69 | 52.93 | 62.23  | 45.89 | 28.40 | 13.99 | 2.90 | 0.12 | 308.21 |
| 884 | 0.38 | 2.23  | 17.03 | 38.26 | 48.25 | 58.95 | 67.78  | 51.62 | 31.96 | 14.69 | 3.00 | 0.12 | 334.27 |

|     |      |      |       |       |       |       |       |       |       |       |      |      |        |
|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--------|
| 885 | 0.35 | 2.05 | 15.67 | 35.86 | 44.23 | 51.45 | 60.94 | 46.50 | 29.06 | 13.94 | 2.82 | 0.11 | 302.99 |
| 886 | 0.38 | 2.24 | 17.06 | 38.33 | 48.54 | 59.71 | 66.67 | 50.03 | 31.62 | 14.61 | 3.01 | 0.12 | 332.31 |
| 887 | 0.38 | 2.21 | 16.89 | 36.79 | 45.79 | 57.77 | 68.34 | 52.05 | 31.65 | 14.53 | 2.96 | 0.12 | 329.47 |
| 888 | 0.37 | 2.16 | 16.57 | 37.36 | 46.87 | 56.03 | 63.22 | 48.27 | 30.79 | 14.45 | 2.95 | 0.12 | 319.16 |
| 889 | 0.37 | 2.17 | 16.54 | 37.07 | 46.57 | 52.57 | 63.50 | 54.34 | 32.82 | 15.06 | 2.97 | 0.12 | 324.10 |
| 890 | 0.38 | 2.23 | 17.04 | 38.58 | 48.58 | 57.66 | 66.64 | 50.68 | 31.49 | 14.68 | 3.03 | 0.13 | 331.11 |
| 891 | 0.25 | 1.36 | 11.51 | 28.32 | 35.30 | 41.41 | 46.99 | 42.00 | 29.25 | 13.28 | 2.27 | 0.08 | 252.02 |
| 892 | 0.36 | 2.10 | 16.00 | 36.63 | 45.86 | 53.24 | 60.30 | 47.92 | 30.30 | 14.33 | 2.89 | 0.12 | 310.05 |
| 893 | 0.24 | 1.33 | 11.32 | 27.98 | 34.88 | 41.10 | 46.50 | 41.46 | 29.08 | 13.19 | 2.24 | 0.08 | 249.41 |
| 894 | 0.26 | 1.45 | 12.30 | 30.69 | 39.31 | 50.70 | 58.13 | 49.52 | 33.32 | 14.05 | 2.37 | 0.08 | 292.18 |
| 895 | 0.35 | 2.05 | 16.03 | 37.26 | 47.37 | 60.69 | 69.52 | 54.95 | 34.28 | 14.90 | 2.87 | 0.11 | 340.37 |
| 896 | 0.70 | 2.89 | 18.38 | 38.02 | 47.68 | 56.38 | 67.20 | 56.90 | 34.70 | 14.83 | 3.26 | 0.18 | 341.13 |
| 897 | 0.69 | 2.89 | 18.56 | 39.89 | 51.20 | 61.40 | 71.60 | 60.65 | 37.44 | 15.68 | 3.34 | 0.17 | 363.51 |
| 898 | 0.98 | 3.18 | 19.06 | 41.33 | 53.03 | 74.61 | 84.45 | 69.18 | 44.81 | 17.76 | 3.58 | 0.46 | 412.42 |
| 899 | 0.68 | 2.87 | 18.75 | 40.03 | 50.95 | 64.92 | 74.10 | 62.57 | 39.58 | 16.30 | 3.32 | 0.16 | 374.22 |

Average monthly and annual values Derived from SWAT modeling for period 1985-2005  
Expressed as equivalent mm of precipitation

# Recharge

| SWAT # | Jan  | Feb  | Mar   | Apr   | May   | Jun   | Jul   | Aug  | Sep   | Oct   | Nov   | Dec   | Annual |
|--------|------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|--------|
| 101    | 0.03 | 0.06 | 18.56 | 46.18 | 21.06 | 9.83  | 5.67  | 5.30 | 22.16 | 31.28 | 40.56 | 4.03  | 204.71 |
| 102    | 0.29 | 0.65 | 18.83 | 56.26 | 29.02 | 15.52 | 9.91  | 8.17 | 29.94 | 35.36 | 42.87 | 3.42  | 250.24 |
| 103    | 0.03 | 0.12 | 16.81 | 45.99 | 20.57 | 9.09  | 5.80  | 5.14 | 20.01 | 28.72 | 39.05 | 4.15  | 195.49 |
| 104    | 0.03 | 0.04 | 19.80 | 46.06 | 20.19 | 9.25  | 5.32  | 4.96 | 21.47 | 30.77 | 40.29 | 4.03  | 202.22 |
| 105    | 1.49 | 0.36 | 22.64 | 43.42 | 16.35 | 6.74  | 5.91  | 3.73 | 16.04 | 25.49 | 38.70 | 12.73 | 193.60 |
| 106    | 0.99 | 0.52 | 20.19 | 43.29 | 15.05 | 5.48  | 4.56  | 3.06 | 13.14 | 21.87 | 35.08 | 11.19 | 174.41 |
| 107    | 1.40 | 0.66 | 25.27 | 37.31 | 14.21 | 4.93  | 3.66  | 2.59 | 14.58 | 25.81 | 39.24 | 13.40 | 183.06 |
| 108    | 1.42 | 1.23 | 27.79 | 44.13 | 18.67 | 8.35  | 7.64  | 4.82 | 18.61 | 27.84 | 41.40 | 14.05 | 215.96 |
| 109    | 2.81 | 1.92 | 31.11 | 38.68 | 15.22 | 5.79  | 4.86  | 3.20 | 14.77 | 24.04 | 39.66 | 14.22 | 196.28 |
| 110    | 2.20 | 1.13 | 27.97 | 41.88 | 17.15 | 7.48  | 6.51  | 4.13 | 16.49 | 25.75 | 39.78 | 13.25 | 203.72 |
| 111    | 3.60 | 4.80 | 46.97 | 36.96 | 18.92 | 6.40  | 5.43  | 3.27 | 17.97 | 25.64 | 46.02 | 20.20 | 236.17 |
| 112    | 3.75 | 7.42 | 48.68 | 48.04 | 28.88 | 12.10 | 10.84 | 6.82 | 25.55 | 31.13 | 51.31 | 19.53 | 294.05 |
| 113    | 2.20 | 0.93 | 27.87 | 37.59 | 16.56 | 6.74  | 5.59  | 3.37 | 14.98 | 25.10 | 39.76 | 12.92 | 193.62 |
| 114    | 1.63 | 0.22 | 20.60 | 38.56 | 18.67 | 7.42  | 6.21  | 3.92 | 15.73 | 25.04 | 38.64 | 11.45 | 188.09 |
| 115    | 1.34 | 0.57 | 20.06 | 48.09 | 27.34 | 14.43 | 13.43 | 7.98 | 25.30 | 32.42 | 43.35 | 9.20  | 243.52 |
| 116    | 1.10 | 0.42 | 21.81 | 38.44 | 13.75 | 4.72  | 3.73  | 2.41 | 12.41 | 22.20 | 35.93 | 12.48 | 169.39 |
| 117    | 1.49 | 1.13 | 27.83 | 52.42 | 30.92 | 12.81 | 11.32 | 8.47 | 26.87 | 33.01 | 50.47 | 15.16 | 271.90 |
| 118    | 1.55 | 0.46 | 23.12 | 41.09 | 16.19 | 6.44  | 5.51  | 3.51 | 14.86 | 23.96 | 37.19 | 11.62 | 185.51 |
| 119    | 1.25 | 1.12 | 26.67 | 39.38 | 16.25 | 6.39  | 5.12  | 3.77 | 17.89 | 28.89 | 40.39 | 12.60 | 199.73 |
| 120    | 1.75 | 0.54 | 25.19 | 38.17 | 14.14 | 5.30  | 4.36  | 2.77 | 12.37 | 21.80 | 35.42 | 12.27 | 174.08 |
| 121    | 1.28 | 0.53 | 22.94 | 41.12 | 16.15 | 6.29  | 5.37  | 3.50 | 15.45 | 25.04 | 38.58 | 12.47 | 188.70 |
| 122    | 0.81 | 0.77 | 21.63 | 41.82 | 16.00 | 6.39  | 5.40  | 3.38 | 15.01 | 24.37 | 37.81 | 12.44 | 185.84 |
| 123    | 1.16 | 0.35 | 20.25 | 42.67 | 15.98 | 6.25  | 5.33  | 3.48 | 14.98 | 23.93 | 37.25 | 11.99 | 183.61 |
| 124    | 0.01 | 0.01 | 16.68 | 45.27 | 19.41 | 8.50  | 4.73  | 4.50 | 19.92 | 29.92 | 39.16 | 3.82  | 191.93 |
| 125    | 1.07 | 0.29 | 20.40 | 41.34 | 14.14 | 5.15  | 4.29  | 2.73 | 13.08 | 22.47 | 35.00 | 11.61 | 171.57 |
| 126    | 1.13 | 0.97 | 26.59 | 37.66 | 15.41 | 5.47  | 4.15  | 3.21 | 17.25 | 28.79 | 41.83 | 13.96 | 196.42 |
| 127    | 1.06 | 0.99 | 25.76 | 38.95 | 16.07 | 5.85  | 4.43  | 3.25 | 17.49 | 29.07 | 42.18 | 13.62 | 198.72 |
| 128    | 1.18 | 0.51 | 22.70 | 40.68 | 16.25 | 6.37  | 5.34  | 3.22 | 14.99 | 24.90 | 38.50 | 12.19 | 186.84 |
| 129    | 1.27 | 1.05 | 27.80 | 38.73 | 16.91 | 6.69  | 5.20  | 3.75 | 18.95 | 30.56 | 43.51 | 13.95 | 208.38 |
| 130    | 1.01 | 0.86 | 24.92 | 42.47 | 17.72 | 7.88  | 7.07  | 4.66 | 18.40 | 27.92 | 40.92 | 12.93 | 206.77 |
| 131    | 1.35 | 0.71 | 26.67 | 50.40 | 21.83 | 8.12  | 7.01  | 7.03 | 14.11 | 21.19 | 36.74 | 11.26 | 206.42 |
| 132    | 0.64 | 0.32 | 24.76 | 37.18 | 15.09 | 6.77  | 5.04  | 6.71 | 14.79 | 26.13 | 33.32 | 7.60  | 178.35 |
| 133    | 1.56 | 1.51 | 23.87 | 49.50 | 19.01 | 10.02 | 7.82  | 6.20 | 20.44 | 26.59 | 34.94 | 9.23  | 210.68 |
| 134    | 0.82 | 1.43 | 21.64 | 46.80 | 17.44 | 8.41  | 6.46  | 5.14 | 18.16 | 25.00 | 33.77 | 9.35  | 194.40 |
| 135    | 1.66 | 1.58 | 24.25 | 54.39 | 21.76 | 12.15 | 9.48  | 7.81 | 24.14 | 29.64 | 37.34 | 9.40  | 233.59 |
| 136    | 1.52 | 0.55 | 26.48 | 45.19 | 20.33 | 6.47  | 5.57  | 5.39 | 13.02 | 21.18 | 37.45 | 12.80 | 195.95 |
| 137    | 1.90 | 0.61 | 30.83 | 42.41 | 20.63 | 7.22  | 5.75  | 5.39 | 13.61 | 23.63 | 41.30 | 14.32 | 207.60 |
| 138    | 1.91 | 0.75 | 29.75 | 43.83 | 20.99 | 7.20  | 5.98  | 5.87 | 14.11 | 23.35 | 40.53 | 13.82 | 208.09 |
| 139    | 1.99 | 0.79 | 25.83 | 42.29 | 15.39 | 6.92  | 5.53  | 3.73 | 16.03 | 23.85 | 33.44 | 9.56  | 185.34 |
| 140    | 1.26 | 1.61 | 25.66 | 42.78 | 16.18 | 7.27  | 5.69  | 4.31 | 17.81 | 25.81 | 34.91 | 9.52  | 192.82 |
| 141    | 2.01 | 0.80 | 30.62 | 44.15 | 22.23 | 8.01  | 6.60  | 6.35 | 14.78 | 24.02 | 41.35 | 13.56 | 214.48 |
| 142    | 2.15 | 0.89 | 27.59 | 42.09 | 15.55 | 7.08  | 5.46  | 4.00 | 16.38 | 24.46 | 34.29 | 10.58 | 190.52 |
| 143    | 2.96 | 1.93 | 34.58 | 52.89 | 22.63 | 12.90 | 9.51  | 7.56 | 27.40 | 33.26 | 41.30 | 10.95 | 257.87 |
| 144    | 2.07 | 1.73 | 29.84 | 49.55 | 20.34 | 11.13 | 8.01  | 6.48 | 23.76 | 31.08 | 39.45 | 10.78 | 234.22 |
| 145    | 1.49 | 1.56 | 26.79 | 44.89 | 17.38 | 8.58  | 6.69  | 4.79 | 18.44 | 26.06 | 35.34 | 9.74  | 201.75 |
| 146    | 1.48 | 1.72 | 28.03 | 46.73 | 19.43 | 10.00 | 7.41  | 5.73 | 21.27 | 29.02 | 37.55 | 9.87  | 218.24 |
| 147    | 1.72 | 1.65 | 26.82 | 47.40 | 18.41 | 9.52  | 7.58  | 5.86 | 20.27 | 26.58 | 35.27 | 9.60  | 210.68 |
| 148    | 0.76 | 0.23 | 26.19 | 33.56 | 13.97 | 5.41  | 3.43  | 5.49 | 14.71 | 26.62 | 34.78 | 8.60  | 173.75 |
| 149    | 3.57 | 6.29 | 39.29 | 50.91 | 20.24 | 10.50 | 7.32  | 5.29 | 22.38 | 28.78 | 39.54 | 12.67 | 246.78 |

|     |      |       |       |        |       |       |       |       |       |       |       |       |        |
|-----|------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 150 | 1.67 | 1.75  | 27.53 | 48.21  | 19.80 | 10.08 | 7.43  | 5.49  | 21.09 | 29.02 | 37.74 | 9.70  | 219.52 |
| 151 | 1.30 | 1.50  | 25.03 | 45.51  | 17.71 | 8.80  | 6.75  | 5.07  | 18.81 | 26.30 | 35.43 | 9.63  | 201.84 |
| 152 | 1.10 | 1.54  | 22.22 | 51.08  | 21.44 | 11.50 | 8.67  | 7.04  | 22.75 | 28.99 | 36.92 | 8.84  | 222.06 |
| 153 | 3.14 | 0.84  | 38.90 | 31.31  | 11.84 | 4.88  | 1.71  | 1.07  | 12.24 | 18.21 | 33.29 | 17.46 | 174.87 |
| 154 | 1.52 | 1.60  | 25.60 | 49.59  | 21.26 | 11.23 | 8.01  | 6.40  | 22.94 | 30.60 | 38.81 | 9.93  | 227.50 |
| 155 | 2.41 | 1.21  | 36.55 | 36.12  | 14.48 | 6.79  | 2.83  | 2.00  | 12.23 | 17.82 | 32.39 | 15.76 | 180.58 |
| 156 | 2.37 | 1.27  | 38.89 | 35.79  | 14.12 | 6.48  | 2.44  | 1.86  | 13.86 | 19.92 | 34.57 | 17.43 | 188.99 |
| 157 | 2.66 | 1.37  | 38.07 | 37.83  | 15.14 | 7.41  | 3.18  | 2.38  | 13.02 | 18.53 | 33.22 | 16.23 | 189.04 |
| 158 | 2.73 | 1.33  | 37.88 | 40.74  | 17.37 | 8.87  | 3.75  | 2.94  | 14.77 | 20.39 | 34.91 | 16.24 | 201.92 |
| 159 | 0.87 | 0.80  | 28.66 | 44.19  | 19.99 | 10.26 | 7.77  | 10.22 | 20.24 | 31.01 | 37.83 | 8.17  | 220.00 |
| 160 | 2.44 | 1.90  | 42.80 | 43.31  | 19.65 | 10.38 | 4.15  | 3.71  | 18.73 | 24.64 | 39.21 | 17.21 | 228.14 |
| 161 | 0.83 | 0.79  | 29.55 | 44.01  | 19.92 | 10.84 | 8.10  | 10.27 | 20.09 | 30.79 | 37.60 | 8.14  | 220.94 |
| 162 | 2.15 | 1.34  | 41.07 | 39.74  | 18.05 | 8.64  | 5.12  | 6.72  | 18.62 | 29.39 | 40.03 | 17.69 | 228.56 |
| 163 | 2.33 | 1.21  | 41.06 | 40.90  | 17.83 | 8.75  | 5.48  | 7.42  | 19.52 | 29.70 | 39.85 | 18.10 | 232.15 |
| 164 | 2.73 | 2.57  | 40.28 | 47.72  | 20.73 | 10.95 | 7.30  | 8.87  | 20.57 | 30.54 | 40.29 | 17.97 | 250.52 |
| 165 | 1.96 | 1.73  | 37.25 | 43.73  | 19.23 | 9.97  | 6.40  | 7.95  | 17.83 | 28.14 | 38.84 | 18.57 | 231.59 |
| 166 | 2.14 | 1.30  | 40.16 | 37.87  | 17.34 | 8.47  | 5.03  | 6.35  | 16.63 | 27.54 | 38.44 | 18.15 | 219.43 |
| 167 | 2.56 | 2.82  | 38.36 | 50.67  | 22.31 | 12.83 | 8.45  | 9.74  | 20.27 | 29.19 | 39.06 | 18.41 | 254.67 |
| 168 | 3.03 | 5.59  | 48.85 | 53.65  | 23.96 | 14.32 | 9.67  | 11.23 | 23.42 | 31.86 | 43.03 | 18.88 | 287.49 |
| 169 | 2.96 | 2.36  | 49.12 | 48.45  | 24.03 | 14.95 | 9.85  | 11.55 | 25.24 | 34.43 | 44.96 | 18.27 | 286.18 |
| 170 | 1.80 | 0.72  | 37.24 | 35.58  | 14.28 | 6.17  | 3.56  | 4.50  | 12.72 | 23.85 | 34.25 | 16.83 | 191.51 |
| 171 | 1.73 | 1.04  | 36.26 | 37.36  | 15.59 | 7.28  | 4.60  | 5.64  | 14.44 | 25.74 | 35.75 | 16.83 | 202.26 |
| 172 | 2.04 | 2.57  | 44.22 | 37.77  | 15.19 | 7.49  | 4.54  | 5.37  | 15.06 | 25.10 | 36.41 | 18.97 | 214.73 |
| 173 | 1.58 | 2.35  | 39.00 | 40.96  | 15.23 | 6.90  | 3.82  | 4.35  | 14.04 | 24.27 | 35.40 | 18.72 | 206.61 |
| 174 | 5.34 | 12.95 | 79.01 | 124.26 | 38.92 | 29.61 | 21.73 | 21.87 | 37.24 | 37.83 | 48.96 | 22.29 | 480.01 |
| 175 | 1.88 | 3.95  | 41.10 | 62.11  | 21.45 | 12.32 | 8.15  | 8.66  | 18.17 | 25.57 | 35.87 | 17.41 | 256.64 |
| 201 | 2.95 | 3.83  | 44.07 | 41.10  | 21.65 | 8.16  | 6.72  | 4.62  | 20.03 | 28.26 | 48.14 | 20.17 | 249.69 |
| 202 | 2.86 | 2.77  | 41.56 | 36.62  | 17.74 | 5.44  | 4.43  | 3.38  | 18.00 | 25.86 | 46.15 | 19.94 | 224.74 |
| 203 | 1.94 | 0.90  | 29.28 | 35.74  | 14.44 | 4.48  | 3.68  | 3.45  | 16.58 | 26.89 | 41.17 | 14.51 | 193.07 |
| 204 | 1.44 | 1.63  | 31.03 | 38.60  | 16.40 | 6.14  | 4.70  | 3.39  | 18.81 | 30.61 | 43.98 | 15.23 | 211.97 |
| 205 | 1.12 | 0.95  | 26.53 | 36.04  | 14.52 | 4.58  | 3.51  | 2.93  | 15.77 | 27.36 | 40.94 | 13.99 | 188.26 |
| 206 | 0.68 | 0.37  | 28.12 | 36.80  | 16.09 | 7.45  | 5.24  | 7.43  | 16.94 | 28.55 | 36.36 | 8.63  | 192.65 |
| 207 | 0.47 | 0.27  | 26.28 | 35.81  | 15.07 | 6.34  | 4.38  | 6.66  | 15.39 | 27.27 | 35.42 | 8.59  | 181.94 |
| 208 | 0.54 | 0.63  | 27.16 | 41.56  | 17.76 | 8.62  | 6.43  | 8.70  | 17.72 | 28.92 | 36.44 | 8.24  | 202.71 |
| 209 | 0.65 | 0.42  | 26.65 | 37.36  | 15.74 | 7.00  | 4.84  | 6.76  | 15.74 | 27.26 | 35.01 | 8.29  | 185.69 |
| 210 | 0.97 | 1.20  | 30.92 | 50.23  | 23.03 | 13.49 | 10.97 | 13.60 | 25.14 | 34.70 | 40.54 | 7.79  | 252.60 |
| 211 | 0.37 | 0.60  | 24.63 | 48.80  | 22.63 | 12.48 | 9.32  | 11.70 | 22.17 | 33.04 | 38.27 | 7.25  | 231.27 |
| 212 | 0.57 | 0.51  | 31.07 | 41.47  | 19.46 | 10.23 | 7.12  | 9.56  | 20.56 | 31.85 | 38.84 | 8.15  | 219.39 |
| 213 | 0.92 | 0.90  | 31.64 | 45.08  | 19.86 | 10.83 | 8.13  | 10.37 | 20.95 | 31.57 | 38.41 | 8.25  | 226.92 |
| 214 | 0.40 | 0.30  | 24.74 | 37.01  | 15.80 | 6.87  | 4.44  | 6.45  | 15.20 | 26.89 | 33.98 | 7.83  | 179.91 |
| 215 | 0.47 | 0.61  | 28.43 | 43.36  | 18.93 | 10.10 | 6.98  | 8.86  | 19.08 | 30.19 | 35.94 | 7.52  | 210.48 |
| 216 | 0.82 | 0.29  | 27.28 | 34.65  | 14.95 | 6.55  | 4.39  | 6.31  | 15.82 | 27.54 | 35.11 | 8.50  | 182.21 |
| 217 | 1.23 | 0.79  | 33.51 | 39.06  | 17.21 | 8.86  | 6.64  | 8.95  | 19.45 | 30.28 | 37.85 | 9.02  | 212.84 |
| 218 | 0.86 | 0.59  | 29.27 | 34.67  | 14.01 | 6.05  | 4.49  | 6.43  | 15.32 | 26.50 | 33.75 | 8.72  | 180.66 |
| 219 | 0.68 | 0.25  | 27.22 | 32.56  | 13.13 | 5.35  | 3.55  | 4.97  | 13.00 | 24.79 | 32.48 | 8.59  | 166.56 |
| 220 | 0.53 | 0.46  | 28.46 | 36.84  | 15.98 | 7.89  | 5.39  | 7.02  | 16.34 | 27.87 | 34.25 | 8.10  | 189.12 |
| 221 | 1.84 | 0.90  | 37.33 | 36.76  | 16.79 | 7.92  | 4.64  | 5.76  | 14.98 | 25.98 | 36.89 | 16.10 | 205.88 |
| 222 | 2.62 | 2.00  | 41.32 | 43.87  | 21.72 | 12.56 | 7.86  | 9.14  | 20.57 | 31.01 | 41.18 | 16.67 | 250.52 |
| 223 | 0.98 | 1.23  | 36.03 | 54.79  | 24.44 | 14.92 | 11.60 | 13.98 | 25.26 | 35.14 | 41.28 | 8.44  | 268.08 |
| 224 | 2.53 | 1.09  | 46.64 | 37.86  | 19.86 | 11.14 | 6.77  | 8.32  | 20.68 | 31.45 | 41.75 | 17.26 | 245.36 |
| 225 | 2.20 | 1.03  | 36.97 | 40.21  | 20.06 | 10.86 | 6.32  | 7.69  | 17.38 | 29.10 | 40.10 | 16.13 | 228.04 |

|     |      |      |       |       |       |       |       |       |       |       |       |       |        |
|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 226 | 1.54 | 2.30 | 40.15 | 38.34 | 13.68 | 6.22  | 3.56  | 4.08  | 12.63 | 22.44 | 33.73 | 18.63 | 197.30 |
| 227 | 2.44 | 1.59 | 36.78 | 30.67 | 13.58 | 5.17  | 2.70  | 3.63  | 11.15 | 22.15 | 34.10 | 20.02 | 183.99 |
| 228 | 0.51 | 0.54 | 28.81 | 45.40 | 20.00 | 10.57 | 8.04  | 10.68 | 21.45 | 32.99 | 39.00 | 8.04  | 226.05 |
| 229 | 0.70 | 0.19 | 26.71 | 36.00 | 16.38 | 7.70  | 5.04  | 6.93  | 16.43 | 28.39 | 35.80 | 8.42  | 188.69 |
| 230 | 1.02 | 0.90 | 38.07 | 42.08 | 19.12 | 10.50 | 7.90  | 10.49 | 22.26 | 32.97 | 40.75 | 9.35  | 235.41 |
| 231 | 0.48 | 0.39 | 29.17 | 40.54 | 17.40 | 8.64  | 6.36  | 8.54  | 18.30 | 29.80 | 36.89 | 8.55  | 205.07 |
| 232 | 0.70 | 0.23 | 28.25 | 37.89 | 17.27 | 8.39  | 5.62  | 8.09  | 18.35 | 30.17 | 37.07 | 8.37  | 200.39 |
| 233 | 2.09 | 1.05 | 37.92 | 29.88 | 13.22 | 5.10  | 2.46  | 3.24  | 10.50 | 22.81 | 34.57 | 17.66 | 180.49 |
| 234 | 0.91 | 0.06 | 26.22 | 32.74 | 14.22 | 6.12  | 3.82  | 5.32  | 13.90 | 26.20 | 34.10 | 8.74  | 172.34 |
| 235 | 0.61 | 0.29 | 31.28 | 34.96 | 14.98 | 6.90  | 4.63  | 6.48  | 15.70 | 27.68 | 35.59 | 9.10  | 188.18 |
| 236 | 1.79 | 0.82 | 35.82 | 31.47 | 13.16 | 5.26  | 2.65  | 3.49  | 10.94 | 22.31 | 32.23 | 15.15 | 175.07 |
| 237 | 0.71 | 0.18 | 27.15 | 34.31 | 15.43 | 6.99  | 4.35  | 6.20  | 15.46 | 27.53 | 34.29 | 8.15  | 180.76 |
| 238 | 2.14 | 1.48 | 34.78 | 40.51 | 19.78 | 7.12  | 5.97  | 4.53  | 17.94 | 26.12 | 43.96 | 16.62 | 220.95 |
| 239 | 1.06 | 0.25 | 29.21 | 34.22 | 15.45 | 7.08  | 4.44  | 6.43  | 16.39 | 28.43 | 35.56 | 8.45  | 186.97 |
| 240 | 1.69 | 2.56 | 38.87 | 52.67 | 21.68 | 12.18 | 7.23  | 8.91  | 22.32 | 31.59 | 39.97 | 16.88 | 256.54 |
| 241 | 1.73 | 0.81 | 35.01 | 34.03 | 14.96 | 6.61  | 3.79  | 4.51  | 12.28 | 24.22 | 33.61 | 15.16 | 186.72 |
| 242 | 2.29 | 1.00 | 36.80 | 33.56 | 16.44 | 5.07  | 3.92  | 2.96  | 15.62 | 25.31 | 43.84 | 17.81 | 204.62 |
| 243 | 2.04 | 1.95 | 36.09 | 40.36 | 17.72 | 5.98  | 5.07  | 3.87  | 15.25 | 23.03 | 39.83 | 16.13 | 207.31 |
| 244 | 1.75 | 1.11 | 30.82 | 44.70 | 21.96 | 8.39  | 7.23  | 5.72  | 18.76 | 26.45 | 43.56 | 15.72 | 226.18 |
| 245 | 1.76 | 1.06 | 30.64 | 40.95 | 20.76 | 7.63  | 6.29  | 5.01  | 17.43 | 25.42 | 42.80 | 15.70 | 215.46 |
| 246 | 1.97 | 1.05 | 32.57 | 41.99 | 21.91 | 8.08  | 6.60  | 5.22  | 19.58 | 27.83 | 45.46 | 16.10 | 228.35 |
| 247 | 1.71 | 1.50 | 30.12 | 47.03 | 20.49 | 7.42  | 6.01  | 4.36  | 15.41 | 22.70 | 39.69 | 15.20 | 211.63 |
| 301 | 0.00 | 0.00 | 15.30 | 40.08 | 18.26 | 6.44  | 3.33  | 4.32  | 19.21 | 33.88 | 42.88 | 3.99  | 187.70 |
| 302 | 0.00 | 0.00 | 14.60 | 42.07 | 19.57 | 7.41  | 4.13  | 5.10  | 21.01 | 34.77 | 43.34 | 3.70  | 195.71 |
| 303 | 0.08 | 0.20 | 16.40 | 44.64 | 22.35 | 9.13  | 5.56  | 6.68  | 24.75 | 37.90 | 45.70 | 4.51  | 217.90 |
| 304 | 0.03 | 0.11 | 18.91 | 46.24 | 21.51 | 9.84  | 5.93  | 5.71  | 23.11 | 31.56 | 40.60 | 3.97  | 207.51 |
| 305 | 0.04 | 0.15 | 19.88 | 46.39 | 21.54 | 10.38 | 6.22  | 5.40  | 23.16 | 31.67 | 40.90 | 3.72  | 209.45 |
| 306 | 0.01 | 0.03 | 20.56 | 42.93 | 18.89 | 8.29  | 4.75  | 4.38  | 19.93 | 29.75 | 39.91 | 3.97  | 193.41 |
| 307 | 0.05 | 0.10 | 19.79 | 46.01 | 21.02 | 9.68  | 5.59  | 5.28  | 22.38 | 31.42 | 41.22 | 4.30  | 206.85 |
| 308 | 1.21 | 1.35 | 22.17 | 39.10 | 20.71 | 6.95  | 3.87  | 2.24  | 18.13 | 28.75 | 41.01 | 11.01 | 196.50 |
| 309 | 0.07 | 0.28 | 19.15 | 51.58 | 24.06 | 12.55 | 7.67  | 6.47  | 25.20 | 32.69 | 41.88 | 4.25  | 225.84 |
| 310 | 2.08 | 0.71 | 20.32 | 38.90 | 18.85 | 6.59  | 3.46  | 2.10  | 17.34 | 28.08 | 40.83 | 11.29 | 190.58 |
| 311 | 1.89 | 0.71 | 20.27 | 38.48 | 18.63 | 6.49  | 3.38  | 2.07  | 17.08 | 27.95 | 40.57 | 11.15 | 188.66 |
| 312 | 0.58 | 1.16 | 19.35 | 52.16 | 28.95 | 12.41 | 9.68  | 5.18  | 27.72 | 35.04 | 45.74 | 7.31  | 245.26 |
| 313 | 0.52 | 1.35 | 20.61 | 47.34 | 25.16 | 10.17 | 7.16  | 3.71  | 26.39 | 34.90 | 46.01 | 7.01  | 230.33 |
| 314 | 1.81 | 2.32 | 34.77 | 54.18 | 33.23 | 15.25 | 13.67 | 7.85  | 36.12 | 40.35 | 52.68 | 11.99 | 304.23 |
| 315 | 0.61 | 1.22 | 19.93 | 54.32 | 32.43 | 13.34 | 10.74 | 5.95  | 30.65 | 37.01 | 45.91 | 6.12  | 258.24 |
| 316 | 1.52 | 1.49 | 27.01 | 49.82 | 26.57 | 11.69 | 9.21  | 5.13  | 27.11 | 34.73 | 45.25 | 9.78  | 249.31 |
| 317 | 0.81 | 1.17 | 20.23 | 49.75 | 28.78 | 11.76 | 8.81  | 4.73  | 26.96 | 34.42 | 44.20 | 6.70  | 238.32 |
| 318 | 2.12 | 2.36 | 32.52 | 54.96 | 28.34 | 13.30 | 10.94 | 6.13  | 30.85 | 37.98 | 48.92 | 10.74 | 279.15 |
| 319 | 0.58 | 1.04 | 20.50 | 51.72 | 29.93 | 12.54 | 9.32  | 5.19  | 30.22 | 37.96 | 47.24 | 6.18  | 252.42 |
| 320 | 0.02 | 0.02 | 19.11 | 45.27 | 20.65 | 9.12  | 5.21  | 5.10  | 22.06 | 31.32 | 40.92 | 4.17  | 202.98 |
| 321 | 0.07 | 0.10 | 16.07 | 42.41 | 17.57 | 6.88  | 3.96  | 3.79  | 16.98 | 26.95 | 37.37 | 4.13  | 176.29 |
| 322 | 0.05 | 0.12 | 15.42 | 45.05 | 19.59 | 8.15  | 5.30  | 4.76  | 19.24 | 27.50 | 37.87 | 3.96  | 187.01 |
| 323 | 1.33 | 1.11 | 20.43 | 40.27 | 19.75 | 7.32  | 4.25  | 2.56  | 18.63 | 28.97 | 41.37 | 10.84 | 196.84 |
| 324 | 1.05 | 1.21 | 20.15 | 38.42 | 18.82 | 6.41  | 3.16  | 1.94  | 17.25 | 29.02 | 41.29 | 10.55 | 189.29 |
| 325 | 0.95 | 0.92 | 20.10 | 44.21 | 22.90 | 8.97  | 5.96  | 3.26  | 22.86 | 32.05 | 43.69 | 8.64  | 214.50 |
| 326 | 2.58 | 2.51 | 41.18 | 36.86 | 17.88 | 5.75  | 4.50  | 2.96  | 15.96 | 25.10 | 45.15 | 19.87 | 220.30 |
| 327 | 1.48 | 2.14 | 24.51 | 41.98 | 19.56 | 7.44  | 4.20  | 2.46  | 18.34 | 29.57 | 41.72 | 11.52 | 204.93 |
| 328 | 1.37 | 1.18 | 22.53 | 42.21 | 20.65 | 8.10  | 5.03  | 2.95  | 18.33 | 28.78 | 42.04 | 11.49 | 204.66 |
| 329 | 1.17 | 1.15 | 21.22 | 42.42 | 21.77 | 8.45  | 4.98  | 3.05  | 21.77 | 32.72 | 44.07 | 10.27 | 213.03 |

|     |      |      |       |       |       |       |       |       |       |       |       |       |        |
|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 330 | 1.08 | 1.02 | 24.29 | 46.51 | 25.63 | 10.83 | 7.55  | 4.09  | 27.07 | 35.94 | 47.06 | 7.54  | 238.60 |
| 331 | 1.29 | 0.96 | 23.89 | 46.63 | 26.58 | 11.46 | 7.95  | 4.17  | 28.80 | 37.45 | 48.04 | 7.46  | 244.68 |
| 332 | 1.27 | 1.76 | 27.65 | 54.90 | 29.58 | 13.49 | 10.56 | 5.73  | 32.09 | 39.34 | 49.29 | 7.33  | 273.00 |
| 333 | 2.10 | 2.49 | 31.49 | 68.16 | 34.92 | 18.61 | 16.13 | 9.04  | 38.58 | 43.49 | 52.90 | 10.45 | 328.35 |
| 334 | 0.67 | 0.82 | 17.45 | 47.67 | 22.70 | 9.39  | 6.17  | 3.64  | 20.32 | 30.93 | 43.19 | 10.68 | 213.65 |
| 335 | 1.09 | 1.27 | 20.75 | 45.51 | 22.04 | 9.14  | 5.91  | 3.40  | 19.61 | 29.97 | 42.68 | 10.42 | 211.80 |
| 336 | 1.21 | 1.46 | 20.12 | 51.98 | 25.42 | 11.60 | 8.37  | 4.91  | 23.41 | 32.50 | 44.56 | 10.70 | 236.22 |
| 337 | 3.25 | 4.72 | 42.58 | 76.59 | 35.99 | 19.61 | 18.22 | 9.98  | 40.22 | 41.43 | 51.58 | 9.57  | 353.74 |
| 401 | 0.50 | 2.04 | 15.09 | 45.00 | 29.96 | 12.91 | 9.35  | 8.56  | 21.64 | 37.48 | 42.54 | 2.50  | 227.56 |
| 402 | 0.24 | 1.32 | 11.09 | 44.13 | 29.00 | 11.83 | 8.26  | 7.83  | 20.23 | 36.65 | 41.23 | 2.14  | 213.95 |
| 403 | 1.09 | 5.08 | 19.72 | 49.65 | 32.50 | 14.84 | 10.45 | 8.83  | 22.06 | 38.03 | 43.93 | 2.95  | 249.13 |
| 404 | 0.29 | 1.51 | 11.60 | 41.70 | 27.20 | 11.67 | 8.13  | 7.61  | 19.36 | 35.43 | 41.08 | 2.48  | 208.05 |
| 405 | 0.26 | 1.86 | 21.58 | 46.38 | 30.99 | 14.07 | 10.04 | 9.54  | 24.23 | 40.33 | 46.59 | 3.85  | 249.73 |
| 406 | 0.61 | 1.85 | 15.70 | 58.66 | 35.55 | 17.44 | 14.26 | 17.93 | 40.45 | 43.21 | 38.30 | 2.19  | 286.16 |
| 407 | 0.73 | 4.79 | 23.00 | 45.67 | 30.15 | 13.98 | 9.48  | 8.75  | 21.12 | 34.35 | 44.94 | 5.13  | 242.10 |
| 408 | 0.76 | 5.38 | 25.21 | 48.00 | 31.35 | 13.99 | 9.47  | 9.77  | 23.64 | 35.31 | 46.12 | 5.40  | 254.40 |
| 409 | 0.28 | 1.99 | 13.31 | 37.01 | 27.34 | 11.18 | 7.37  | 7.25  | 18.78 | 32.24 | 41.08 | 2.92  | 200.74 |
| 410 | 0.59 | 4.50 | 19.33 | 39.52 | 27.43 | 11.54 | 7.43  | 7.29  | 19.07 | 32.35 | 42.85 | 4.22  | 216.12 |
| 411 | 0.88 | 6.66 | 23.53 | 47.12 | 31.64 | 14.41 | 9.62  | 9.11  | 21.80 | 34.27 | 45.45 | 5.12  | 249.63 |
| 412 | 0.58 | 4.10 | 20.29 | 44.58 | 30.77 | 13.76 | 9.43  | 8.97  | 21.60 | 34.22 | 44.71 | 4.89  | 237.90 |
| 413 | 0.02 | 0.07 | 3.32  | 44.24 | 31.41 | 14.97 | 11.96 | 13.33 | 32.46 | 38.20 | 31.05 | 1.91  | 222.94 |
| 414 | 0.00 | 0.03 | 3.62  | 55.65 | 36.58 | 17.44 | 14.56 | 16.98 | 37.22 | 40.48 | 32.06 | 2.06  | 256.68 |
| 415 | 0.21 | 0.68 | 7.65  | 54.73 | 35.93 | 16.97 | 13.66 | 16.28 | 38.83 | 41.87 | 33.48 | 1.95  | 262.23 |
| 416 | 0.00 | 0.00 | 3.31  | 57.90 | 40.59 | 19.11 | 15.82 | 18.49 | 40.73 | 42.04 | 31.45 | 2.00  | 271.45 |
| 417 | 0.16 | 0.50 | 5.81  | 58.11 | 39.85 | 18.89 | 15.74 | 18.77 | 40.41 | 42.11 | 32.73 | 2.01  | 275.08 |
| 418 | 0.37 | 2.67 | 17.01 | 42.54 | 32.99 | 14.61 | 10.06 | 10.08 | 24.02 | 36.13 | 44.34 | 4.02  | 238.85 |
| 419 | 0.88 | 2.06 | 20.85 | 65.31 | 34.35 | 17.88 | 14.15 | 14.74 | 35.03 | 47.91 | 46.29 | 3.14  | 302.59 |
| 420 | 0.92 | 6.39 | 23.51 | 47.05 | 33.52 | 15.26 | 10.22 | 9.75  | 22.81 | 34.90 | 45.06 | 4.74  | 254.13 |
| 421 | 0.96 | 2.22 | 23.30 | 63.64 | 32.54 | 17.25 | 13.62 | 13.78 | 34.29 | 47.98 | 46.68 | 3.18  | 299.45 |
| 422 | 0.00 | 0.00 | 2.84  | 52.83 | 37.53 | 17.49 | 14.36 | 16.50 | 37.83 | 40.37 | 30.07 | 1.75  | 251.57 |
| 423 | 0.00 | 0.00 | 2.75  | 45.98 | 31.39 | 14.63 | 11.85 | 13.33 | 32.10 | 37.59 | 29.95 | 1.77  | 221.34 |
| 424 | 0.00 | 0.00 | 1.12  | 49.56 | 32.99 | 13.31 | 10.46 | 11.76 | 24.62 | 29.34 | 23.04 | 1.56  | 197.77 |
| 425 | 0.21 | 0.64 | 6.52  | 53.08 | 37.00 | 18.13 | 15.06 | 17.34 | 39.15 | 41.50 | 32.58 | 2.02  | 263.25 |
| 426 | 0.00 | 0.00 | 2.95  | 46.17 | 31.40 | 14.85 | 11.97 | 13.14 | 34.14 | 39.03 | 31.16 | 1.66  | 226.47 |
| 427 | 0.01 | 0.07 | 4.37  | 56.27 | 37.85 | 18.59 | 15.56 | 17.81 | 39.34 | 41.74 | 32.64 | 1.98  | 266.24 |
| 428 | 0.02 | 0.07 | 4.96  | 51.77 | 32.48 | 16.28 | 13.17 | 14.88 | 37.07 | 40.31 | 32.86 | 1.67  | 245.52 |
| 429 | 0.01 | 0.03 | 3.16  | 44.42 | 30.10 | 13.89 | 11.19 | 12.30 | 30.32 | 36.69 | 30.09 | 1.88  | 214.08 |
| 430 | 0.37 | 1.19 | 9.29  | 46.07 | 27.64 | 13.31 | 10.54 | 11.71 | 28.33 | 35.60 | 32.60 | 2.00  | 218.66 |
| 431 | 0.03 | 0.08 | 7.18  | 45.13 | 21.64 | 9.39  | 5.76  | 6.74  | 23.93 | 37.55 | 40.21 | 2.78  | 200.42 |
| 432 | 0.09 | 0.23 | 6.87  | 53.20 | 25.30 | 13.16 | 9.87  | 9.23  | 25.85 | 41.44 | 40.74 | 2.39  | 228.37 |
| 433 | 0.95 | 2.20 | 18.50 | 60.74 | 31.59 | 16.71 | 12.95 | 12.91 | 32.00 | 46.06 | 44.47 | 2.90  | 281.97 |
| 434 | 0.46 | 1.08 | 12.25 | 51.31 | 23.75 | 12.04 | 8.48  | 7.84  | 24.53 | 41.81 | 40.84 | 2.86  | 227.27 |
| 435 | 1.39 | 3.23 | 23.02 | 56.45 | 24.53 | 13.32 | 9.48  | 9.21  | 25.15 | 42.09 | 44.45 | 3.46  | 255.79 |
| 436 | 0.49 | 1.10 | 12.96 | 55.92 | 29.41 | 14.98 | 11.37 | 11.21 | 31.09 | 45.89 | 43.17 | 2.59  | 260.17 |
| 437 | 0.41 | 0.61 | 10.74 | 60.09 | 33.37 | 10.74 | 6.65  | 11.53 | 32.48 | 47.07 | 49.62 | 4.41  | 267.71 |
| 438 | 1.53 | 4.54 | 42.56 | 74.51 | 47.64 | 22.24 | 14.54 | 19.29 | 45.96 | 49.80 | 57.36 | 11.96 | 391.91 |
| 439 | 0.57 | 4.03 | 17.23 | 44.92 | 33.19 | 14.35 | 9.74  | 9.53  | 22.31 | 34.01 | 42.92 | 3.86  | 236.68 |
| 440 | 1.28 | 3.30 | 34.89 | 72.55 | 45.12 | 20.49 | 13.60 | 17.94 | 43.04 | 47.80 | 54.75 | 9.89  | 364.66 |
| 441 | 3.44 | 7.31 | 52.41 | 82.33 | 46.62 | 22.85 | 14.82 | 19.91 | 46.88 | 50.22 | 58.47 | 12.85 | 418.10 |
| 442 | 1.41 | 3.15 | 32.01 | 69.19 | 42.90 | 18.92 | 12.50 | 16.51 | 41.27 | 47.13 | 53.64 | 9.16  | 347.80 |
| 443 | 0.41 | 0.84 | 9.70  | 60.87 | 36.19 | 12.09 | 7.48  | 12.35 | 32.82 | 47.09 | 49.39 | 3.93  | 273.14 |

|     |      |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 444 | 2.48 | 3.86  | 38.92 | 85.21 | 45.42 | 19.69 | 11.59 | 18.99 | 42.69 | 53.56 | 58.43 | 8.43  | 389.25 |
| 445 | 0.32 | 0.59  | 15.90 | 58.79 | 36.11 | 13.53 | 9.51  | 12.38 | 32.49 | 41.10 | 46.88 | 5.26  | 272.85 |
| 446 | 1.37 | 2.88  | 33.49 | 69.89 | 43.24 | 19.10 | 13.14 | 17.62 | 41.43 | 46.55 | 53.69 | 9.94  | 352.32 |
| 447 | 6.39 | 3.98  | 39.79 | 68.03 | 35.12 | 15.90 | 9.19  | 12.15 | 34.33 | 45.11 | 54.26 | 18.72 | 342.97 |
| 448 | 0.22 | 0.20  | 12.51 | 55.71 | 28.13 | 9.01  | 5.46  | 9.79  | 27.71 | 43.15 | 47.28 | 6.03  | 245.21 |
| 449 | 0.32 | 0.29  | 14.86 | 48.91 | 20.48 | 5.34  | 2.85  | 5.47  | 19.10 | 36.41 | 42.18 | 7.74  | 203.95 |
| 450 | 0.00 | 0.00  | 8.33  | 39.01 | 16.98 | 6.13  | 3.40  | 4.25  | 18.58 | 34.17 | 39.01 | 3.01  | 172.86 |
| 451 | 0.00 | 0.00  | 8.97  | 38.58 | 16.46 | 5.95  | 3.26  | 4.04  | 18.09 | 33.79 | 39.08 | 3.20  | 171.42 |
| 452 | 0.18 | 0.11  | 11.31 | 49.70 | 22.32 | 6.04  | 3.50  | 6.59  | 21.59 | 38.56 | 43.71 | 6.77  | 210.40 |
| 453 | 0.90 | 0.71  | 20.87 | 46.29 | 24.11 | 10.48 | 6.72  | 3.63  | 21.29 | 30.66 | 40.47 | 7.96  | 214.09 |
| 454 | 0.12 | 0.22  | 6.50  | 59.19 | 34.49 | 11.10 | 6.91  | 11.63 | 32.24 | 46.85 | 48.74 | 3.51  | 261.50 |
| 455 | 0.07 | 0.08  | 7.65  | 55.90 | 30.56 | 9.48  | 5.87  | 10.12 | 29.18 | 44.61 | 46.95 | 4.00  | 244.47 |
| 456 | 2.41 | 1.57  | 27.94 | 63.23 | 31.86 | 12.81 | 7.34  | 9.93  | 29.98 | 41.79 | 49.15 | 13.40 | 291.40 |
| 457 | 5.06 | 3.51  | 39.01 | 66.49 | 34.26 | 15.19 | 8.52  | 11.16 | 32.75 | 43.78 | 52.90 | 17.42 | 330.07 |
| 458 | 2.67 | 2.37  | 33.26 | 67.85 | 35.53 | 14.58 | 7.98  | 11.18 | 35.43 | 45.36 | 51.77 | 14.23 | 322.21 |
| 459 | 3.31 | 2.56  | 36.37 | 65.11 | 33.62 | 14.08 | 7.85  | 11.24 | 34.01 | 44.42 | 51.94 | 14.88 | 319.39 |
| 460 | 4.39 | 12.54 | 45.43 | 83.50 | 40.30 | 23.91 | 11.25 | 14.88 | 43.81 | 53.79 | 53.32 | 10.81 | 397.93 |
| 461 | 3.16 | 3.18  | 34.52 | 42.56 | 22.48 | 12.68 | 5.50  | 8.24  | 25.08 | 33.90 | 43.40 | 8.66  | 243.36 |
| 462 | 3.15 | 2.20  | 31.85 | 66.63 | 29.80 | 12.16 | 6.71  | 9.29  | 28.88 | 40.88 | 48.19 | 14.13 | 293.88 |
| 463 | 3.99 | 6.08  | 32.52 | 51.73 | 24.75 | 14.86 | 6.30  | 9.43  | 26.22 | 33.88 | 42.42 | 8.30  | 260.47 |
| 501 | 1.75 | 4.94  | 26.38 | 72.90 | 34.20 | 20.30 | 9.76  | 12.00 | 35.24 | 48.78 | 49.95 | 8.99  | 325.18 |
| 502 | 4.86 | 10.50 | 65.84 | 92.46 | 49.61 | 33.05 | 17.14 | 21.69 | 51.45 | 59.14 | 62.88 | 16.85 | 485.49 |
| 503 | 2.27 | 3.26  | 38.47 | 83.29 | 42.49 | 26.78 | 13.83 | 17.95 | 43.69 | 53.74 | 54.49 | 10.41 | 390.66 |
| 504 | 5.12 | 9.10  | 73.74 | 96.35 | 48.74 | 33.52 | 17.61 | 22.93 | 53.05 | 60.12 | 65.27 | 19.11 | 504.66 |
| 505 | 3.49 | 7.75  | 52.92 | 83.57 | 45.17 | 28.24 | 14.56 | 19.17 | 47.74 | 56.75 | 59.28 | 14.60 | 433.24 |
| 506 | 1.50 | 2.99  | 28.69 | 74.42 | 39.02 | 23.04 | 11.92 | 14.91 | 39.31 | 50.72 | 51.15 | 9.02  | 346.67 |
| 507 | 1.89 | 4.77  | 27.44 | 72.99 | 39.90 | 22.75 | 11.56 | 14.57 | 39.45 | 50.74 | 50.10 | 7.70  | 343.86 |
| 508 | 3.49 | 2.94  | 35.08 | 42.80 | 25.20 | 15.80 | 6.85  | 9.76  | 26.40 | 34.88 | 44.61 | 9.00  | 256.81 |
| 609 | 2.31 | 2.87  | 44.06 | 72.29 | 38.12 | 18.94 | 8.18  | 11.47 | 32.08 | 60.20 | 61.36 | 12.41 | 364.30 |
| 610 | 2.58 | 3.33  | 47.85 | 67.45 | 33.31 | 16.16 | 6.28  | 8.58  | 27.75 | 58.08 | 62.18 | 13.94 | 347.48 |
| 611 | 2.34 | 3.18  | 40.88 | 67.01 | 29.20 | 13.11 | 5.03  | 6.76  | 22.54 | 53.81 | 57.97 | 13.61 | 315.45 |
| 612 | 2.34 | 3.30  | 46.69 | 67.49 | 33.50 | 16.27 | 7.13  | 9.91  | 29.12 | 59.03 | 61.49 | 13.78 | 350.06 |
| 608 | 2.31 | 2.93  | 43.38 | 71.10 | 33.61 | 15.82 | 5.78  | 7.91  | 27.26 | 57.38 | 62.14 | 13.79 | 343.41 |
| 607 | 1.17 | 1.88  | 33.28 | 74.42 | 31.81 | 14.90 | 6.17  | 7.65  | 23.71 | 52.53 | 58.92 | 12.35 | 318.80 |
| 601 | 3.43 | 5.04  | 44.45 | 58.48 | 21.32 | 6.71  | 1.21  | 2.43  | 13.43 | 44.52 | 52.20 | 14.13 | 267.34 |
| 602 | 2.06 | 1.92  | 41.62 | 52.57 | 17.10 | 5.32  | 0.66  | 0.87  | 9.59  | 42.45 | 48.66 | 13.27 | 236.09 |
| 603 | 1.55 | 1.68  | 34.05 | 61.63 | 23.58 | 9.66  | 3.08  | 4.06  | 16.95 | 48.85 | 50.87 | 12.20 | 268.16 |
| 604 | 1.46 | 1.75  | 34.02 | 63.40 | 26.04 | 10.87 | 3.83  | 5.60  | 20.95 | 52.21 | 52.80 | 12.30 | 285.23 |
| 605 | 1.98 | 2.29  | 40.59 | 56.77 | 19.47 | 6.18  | 1.10  | 1.65  | 11.70 | 44.22 | 50.43 | 12.70 | 249.08 |
| 606 | 2.04 | 1.90  | 42.56 | 52.11 | 17.72 | 5.49  | 0.58  | 0.79  | 10.07 | 42.56 | 49.14 | 13.30 | 238.25 |
| 613 | 2.10 | 1.23  | 34.77 | 61.87 | 25.14 | 7.41  | 0.45  | 1.00  | 8.56  | 33.36 | 47.27 | 10.47 | 233.62 |
| 614 | 1.84 | 1.95  | 40.46 | 56.04 | 21.26 | 7.54  | 2.10  | 3.12  | 14.52 | 45.52 | 51.43 | 13.27 | 259.07 |
| 615 | 1.58 | 1.63  | 35.34 | 54.85 | 18.06 | 4.36  | 0.01  | 0.01  | 6.07  | 33.66 | 45.29 | 11.71 | 212.57 |
| 616 | 2.73 | 3.31  | 48.61 | 64.67 | 31.59 | 14.66 | 5.90  | 8.09  | 25.58 | 56.20 | 60.29 | 14.59 | 336.21 |
| 618 | 2.47 | 3.41  | 48.60 | 65.39 | 32.82 | 15.02 | 6.00  | 10.07 | 30.54 | 58.85 | 61.72 | 14.52 | 349.42 |
| 624 | 1.98 | 2.06  | 41.28 | 64.76 | 28.75 | 12.24 | 3.80  | 5.20  | 22.24 | 53.73 | 59.53 | 13.58 | 309.13 |
| 617 | 1.98 | 3.05  | 45.04 | 65.84 | 32.17 | 13.17 | 4.24  | 7.56  | 26.28 | 54.86 | 60.18 | 13.18 | 327.57 |
| 619 | 1.89 | 2.34  | 39.42 | 60.38 | 24.76 | 9.01  | 2.59  | 4.40  | 18.89 | 50.13 | 54.44 | 12.97 | 281.23 |
| 620 | 2.62 | 3.23  | 45.63 | 63.83 | 29.55 | 13.16 | 4.81  | 7.17  | 23.80 | 53.25 | 58.12 | 13.64 | 318.82 |
| 621 | 1.78 | 2.31  | 40.70 | 54.71 | 22.08 | 6.84  | 0.45  | 0.95  | 12.53 | 42.81 | 51.71 | 13.00 | 249.87 |
| 622 | 1.95 | 2.01  | 42.91 | 54.61 | 21.75 | 6.74  | 0.84  | 2.07  | 15.54 | 46.16 | 52.93 | 13.75 | 261.27 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 623 | 2.15  | 2.75  | 47.42 | 51.87 | 21.46 | 6.71  | 1.08  | 2.82  | 17.77 | 49.69 | 54.80 | 14.76 | 273.26 |
| 625 | 2.16  | 2.52  | 44.81 | 64.46 | 31.31 | 14.61 | 5.67  | 8.34  | 27.31 | 56.75 | 59.64 | 13.29 | 330.88 |
| 626 | 1.99  | 2.43  | 39.89 | 58.77 | 21.51 | 6.81  | 1.28  | 2.23  | 13.29 | 45.31 | 52.04 | 12.73 | 258.28 |
| 627 | 2.08  | 2.65  | 38.30 | 60.79 | 21.52 | 7.01  | 1.43  | 1.95  | 11.94 | 45.02 | 52.28 | 12.28 | 257.26 |
| 628 | 1.98  | 2.30  | 43.35 | 62.50 | 28.88 | 12.72 | 4.31  | 6.50  | 24.99 | 55.10 | 58.11 | 13.19 | 313.94 |
| 629 | 1.46  | 1.82  | 36.81 | 58.51 | 23.39 | 6.61  | 1.15  | 3.11  | 15.88 | 42.08 | 51.08 | 12.71 | 254.61 |
| 630 | 1.86  | 2.09  | 43.48 | 60.24 | 27.58 | 11.92 | 3.83  | 6.03  | 25.30 | 55.39 | 57.83 | 13.02 | 308.56 |
| 631 | 1.75  | 2.30  | 42.98 | 57.24 | 25.15 | 7.27  | 2.15  | 6.24  | 23.96 | 51.00 | 56.03 | 14.54 | 290.61 |
| 632 | 2.40  | 2.64  | 47.84 | 61.12 | 29.71 | 13.72 | 4.58  | 6.80  | 26.28 | 56.37 | 60.57 | 14.28 | 326.30 |
| 633 | 1.93  | 2.45  | 37.35 | 60.72 | 21.94 | 7.00  | 1.29  | 1.86  | 11.89 | 43.69 | 51.31 | 12.05 | 253.47 |
| 634 | 1.71  | 1.77  | 39.34 | 56.00 | 20.96 | 6.61  | 0.53  | 0.89  | 12.33 | 42.11 | 50.38 | 12.92 | 245.56 |
| 635 | 1.98  | 2.20  | 42.26 | 62.15 | 27.01 | 11.88 | 3.76  | 5.07  | 21.55 | 52.44 | 56.91 | 12.67 | 299.87 |
| 636 | 2.53  | 2.80  | 46.63 | 66.17 | 32.95 | 16.01 | 5.64  | 7.79  | 28.29 | 57.87 | 61.70 | 13.44 | 341.82 |
| 637 | 3.37  | 4.57  | 43.99 | 34.96 | 15.14 | 3.01  | 0.00  | 0.21  | 6.24  | 28.15 | 45.66 | 14.36 | 199.64 |
| 638 | 1.89  | 2.32  | 43.41 | 56.37 | 24.70 | 10.14 | 2.88  | 4.27  | 20.21 | 51.34 | 55.20 | 12.96 | 285.69 |
| 639 | 5.91  | 5.77  | 59.91 | 42.86 | 26.32 | 12.01 | 3.44  | 6.80  | 24.71 | 48.65 | 62.98 | 17.37 | 316.74 |
| 640 | 4.04  | 2.34  | 45.43 | 38.09 | 16.74 | 4.28  | 0.55  | 0.85  | 7.71  | 30.35 | 48.00 | 12.74 | 211.11 |
| 641 | 3.91  | 5.61  | 50.56 | 29.87 | 14.60 | 3.20  | 0.15  | 0.88  | 8.86  | 33.61 | 49.08 | 16.08 | 216.40 |
| 642 | 2.25  | 1.96  | 30.30 | 47.86 | 18.30 | 3.37  | 0.00  | 0.04  | 3.69  | 19.41 | 41.16 | 10.66 | 178.99 |
| 643 | 4.03  | 4.43  | 54.57 | 32.68 | 18.97 | 6.79  | 1.56  | 3.16  | 16.10 | 41.34 | 54.46 | 16.48 | 254.57 |
| 650 | 13.84 | 25.32 | 80.24 | 87.92 | 49.99 | 25.11 | 9.36  | 15.03 | 39.60 | 62.38 | 73.01 | 23.23 | 505.04 |
| 651 | 14.60 | 18.13 | 67.88 | 52.22 | 29.63 | 13.68 | 3.82  | 6.99  | 24.14 | 46.15 | 65.43 | 25.19 | 367.86 |
| 644 | 3.83  | 3.72  | 46.53 | 36.69 | 17.64 | 4.68  | 0.44  | 0.88  | 9.82  | 33.51 | 49.99 | 14.37 | 222.12 |
| 645 | 3.08  | 2.95  | 54.22 | 36.46 | 21.21 | 8.73  | 2.05  | 3.43  | 18.20 | 43.28 | 56.22 | 16.31 | 266.13 |
| 646 | 4.14  | 6.02  | 55.27 | 33.21 | 20.86 | 5.57  | 1.62  | 7.32  | 23.60 | 48.95 | 59.62 | 18.78 | 284.97 |
| 647 | 3.79  | 4.41  | 52.63 | 35.05 | 19.39 | 6.71  | 1.20  | 2.41  | 15.37 | 40.96 | 54.78 | 15.66 | 252.37 |
| 648 | 3.53  | 4.99  | 51.15 | 37.17 | 20.43 | 6.11  | 0.98  | 3.76  | 17.83 | 43.22 | 56.97 | 16.18 | 262.32 |
| 649 | 4.16  | 6.16  | 55.53 | 32.62 | 20.54 | 5.53  | 1.56  | 6.98  | 23.16 | 48.73 | 59.35 | 18.86 | 283.18 |
| 652 | 4.93  | 5.25  | 56.34 | 45.32 | 27.38 | 12.75 | 3.95  | 7.50  | 25.56 | 49.25 | 63.07 | 16.78 | 318.06 |
| 653 | 3.28  | 2.15  | 55.38 | 39.66 | 23.88 | 11.16 | 3.44  | 5.21  | 21.74 | 46.93 | 58.93 | 15.07 | 286.81 |
| 654 | 4.19  | 4.26  | 54.19 | 45.27 | 26.98 | 12.41 | 3.96  | 7.25  | 24.90 | 48.61 | 61.87 | 15.77 | 309.69 |
| 655 | 4.15  | 6.07  | 55.04 | 31.61 | 19.33 | 4.99  | 1.35  | 6.24  | 21.02 | 46.39 | 57.57 | 18.47 | 272.23 |
| 656 | 3.98  | 3.58  | 53.38 | 43.76 | 25.98 | 11.77 | 3.86  | 7.11  | 24.12 | 47.70 | 60.76 | 14.92 | 300.92 |
| 657 | 3.51  | 4.51  | 45.30 | 34.67 | 16.22 | 3.54  | 0.00  | 0.23  | 7.61  | 30.73 | 47.84 | 14.77 | 208.93 |
| 658 | 4.16  | 5.82  | 52.65 | 27.05 | 13.16 | 2.80  | 0.00  | 0.33  | 7.94  | 33.75 | 48.35 | 16.53 | 212.54 |
| 659 | 3.37  | 4.58  | 44.14 | 35.72 | 16.65 | 3.63  | 0.00  | 0.21  | 7.49  | 30.27 | 47.86 | 14.62 | 208.53 |
| 660 | 4.00  | 3.44  | 55.74 | 42.16 | 25.43 | 11.64 | 3.86  | 7.13  | 24.33 | 48.53 | 61.63 | 16.51 | 304.40 |
| 661 | 3.92  | 5.35  | 50.09 | 29.43 | 14.11 | 3.03  | 0.00  | 0.29  | 7.80  | 32.53 | 47.94 | 15.87 | 210.36 |
| 662 | 4.07  | 3.36  | 57.21 | 42.29 | 26.22 | 12.89 | 4.25  | 7.04  | 25.21 | 49.59 | 61.93 | 16.17 | 310.23 |
| 663 | 3.46  | 2.42  | 50.47 | 41.25 | 22.06 | 10.21 | 3.56  | 4.17  | 16.70 | 41.92 | 55.45 | 13.55 | 265.23 |
| 664 | 3.00  | 3.42  | 38.00 | 42.57 | 19.15 | 4.26  | 0.00  | 0.16  | 7.17  | 27.54 | 47.17 | 13.03 | 205.49 |
| 665 | 4.40  | 3.12  | 55.47 | 41.41 | 24.58 | 11.23 | 3.19  | 5.21  | 21.58 | 45.56 | 59.57 | 15.17 | 290.50 |
| 666 | 1.97  | 1.42  | 27.21 | 51.42 | 20.31 | 3.98  | 0.00  | 0.00  | 4.15  | 19.13 | 41.93 | 10.03 | 181.54 |
| 667 | 1.97  | 1.42  | 27.21 | 51.24 | 19.93 | 3.82  | 0.00  | 0.00  | 3.83  | 18.63 | 41.41 | 9.98  | 179.45 |
| 668 | 60.57 | 51.31 | 50.38 | 56.91 | 61.70 | 45.66 | 55.20 | 62.98 | 48.00 | 49.08 | 41.16 | 54.46 | 16.36  |
| 669 | 3.82  | 3.36  | 56.34 | 40.98 | 24.48 | 11.09 | 3.57  | 6.32  | 22.86 | 47.46 | 60.80 | 16.48 | 297.56 |
| 670 | 4.36  | 4.04  | 51.79 | 49.07 | 27.68 | 13.84 | 5.32  | 8.23  | 24.87 | 48.18 | 60.83 | 14.79 | 313.01 |
| 671 | 3.71  | 4.69  | 48.23 | 34.46 | 17.70 | 4.84  | 0.42  | 1.03  | 11.13 | 35.38 | 50.85 | 15.45 | 227.89 |
| 672 | 3.61  | 1.83  | 52.84 | 42.86 | 24.98 | 10.55 | 2.88  | 5.82  | 22.50 | 45.75 | 59.06 | 13.03 | 285.71 |
| 673 | 4.16  | 5.09  | 52.30 | 50.84 | 28.92 | 14.74 | 5.91  | 9.22  | 25.98 | 49.61 | 63.09 | 16.32 | 326.19 |
| 674 | 0.30  | 0.19  | 25.23 | 73.35 | 30.47 | 9.67  | 0.00  | 1.12  | 14.89 | 35.90 | 60.97 | 6.07  | 258.16 |

|     |      |       |       |       |       |       |      |      |       |       |       |       |        |
|-----|------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|--------|
| 675 | 0.37 | 0.22  | 26.31 | 72.45 | 30.39 | 9.76  | 0.09 | 1.26 | 15.25 | 36.47 | 61.17 | 6.45  | 260.18 |
| 676 | 4.30 | 4.83  | 50.38 | 46.82 | 24.15 | 9.98  | 3.13 | 5.77 | 20.42 | 44.63 | 58.08 | 15.19 | 287.67 |
| 677 | 0.29 | 0.19  | 24.98 | 72.12 | 29.47 | 9.29  | 0.04 | 0.98 | 14.12 | 34.60 | 59.05 | 5.93  | 251.06 |
| 678 | 1.47 | 2.11  | 30.54 | 73.64 | 23.95 | 7.96  | 0.99 | 1.55 | 11.90 | 33.43 | 49.85 | 6.27  | 243.67 |
| 679 | 8.75 | 14.48 | 48.99 | 72.34 | 30.29 | 13.42 | 3.68 | 5.20 | 21.61 | 43.87 | 55.86 | 12.54 | 331.04 |
| 701 | 0.50 | 5.90  | 33.85 | 57.57 | 20.33 | 4.01  | 0.20 | 1.13 | 11.14 | 30.85 | 49.86 | 6.04  | 221.38 |
| 702 | 0.51 | 5.90  | 33.83 | 57.38 | 20.23 | 3.98  | 0.19 | 1.12 | 11.06 | 30.69 | 49.66 | 6.02  | 220.56 |
| 703 | 0.49 | 5.90  | 33.83 | 57.57 | 20.34 | 4.01  | 0.20 | 1.13 | 11.15 | 30.86 | 49.86 | 6.04  | 221.38 |
| 704 | 0.49 | 5.90  | 33.82 | 57.55 | 20.33 | 4.01  | 0.19 | 1.13 | 11.14 | 30.84 | 49.83 | 6.04  | 221.27 |
| 705 | 0.44 | 5.19  | 32.85 | 59.57 | 19.12 | 3.69  | 0.17 | 0.99 | 10.12 | 29.36 | 48.33 | 5.85  | 215.68 |
| 706 | 0.15 | 0.46  | 26.55 | 72.71 | 10.87 | 1.49  | 0.00 | 0.04 | 3.15  | 19.07 | 37.80 | 4.71  | 176.99 |
| 707 | 0.13 | 0.37  | 26.35 | 72.95 | 10.81 | 1.46  | 0.00 | 0.03 | 3.03  | 18.90 | 37.61 | 4.67  | 176.30 |
| 708 | 0.98 | 1.25  | 29.00 | 66.24 | 13.86 | 2.03  | 0.05 | 0.35 | 4.99  | 20.59 | 39.36 | 6.14  | 184.83 |
| 709 | 1.93 | 2.05  | 37.75 | 53.14 | 9.90  | 1.11  | 0.02 | 0.16 | 4.46  | 22.07 | 41.74 | 9.29  | 183.63 |
| 710 | 2.78 | 1.44  | 44.23 | 47.06 | 16.77 | 4.14  | 0.89 | 2.02 | 13.34 | 35.17 | 53.74 | 10.73 | 232.31 |
| 711 | 1.91 | 1.27  | 36.09 | 62.38 | 28.05 | 12.34 | 4.94 | 7.33 | 23.88 | 49.99 | 62.81 | 12.16 | 303.16 |
| 712 | 2.07 | 1.56  | 41.93 | 54.97 | 23.16 | 8.79  | 3.08 | 5.30 | 20.86 | 44.99 | 60.90 | 11.60 | 279.20 |
| 713 | 5.16 | 4.69  | 52.58 | 44.74 | 17.80 | 4.60  | 0.87 | 2.80 | 16.42 | 39.35 | 60.63 | 15.09 | 264.75 |
| 714 | 3.56 | 1.58  | 50.39 | 36.78 | 14.04 | 2.58  | 0.40 | 1.91 | 13.37 | 37.29 | 57.39 | 13.09 | 232.39 |
| 715 | 4.40 | 4.65  | 57.93 | 36.59 | 15.82 | 4.49  | 0.90 | 3.05 | 16.36 | 39.52 | 62.11 | 17.21 | 263.02 |
| 716 | 1.95 | 1.42  | 27.16 | 50.76 | 17.31 | 2.24  | 0.00 | 0.00 | 6.01  | 22.92 | 46.87 | 10.57 | 187.19 |
| 717 | 4.20 | 5.24  | 51.97 | 24.16 | 7.91  | 0.24  | 0.00 | 0.00 | 4.89  | 28.47 | 50.92 | 15.98 | 193.97 |
| 718 | 2.26 | 2.10  | 30.58 | 47.33 | 16.28 | 2.26  | 0.14 | 0.20 | 6.37  | 24.02 | 46.92 | 11.39 | 189.84 |
| 719 | 3.91 | 3.36  | 52.79 | 35.82 | 13.72 | 2.57  | 0.41 | 1.32 | 12.09 | 35.45 | 58.14 | 16.70 | 236.27 |
| 720 | 5.24 | 5.10  | 55.77 | 39.58 | 15.96 | 3.62  | 0.53 | 2.14 | 15.67 | 38.74 | 61.59 | 17.25 | 261.19 |
| 721 | 3.05 | 1.51  | 35.05 | 43.87 | 14.38 | 1.82  | 0.13 | 0.21 | 5.90  | 24.26 | 47.13 | 11.35 | 188.67 |
| 722 | 4.74 | 4.67  | 52.74 | 40.33 | 15.61 | 3.51  | 0.61 | 2.13 | 14.47 | 37.65 | 59.55 | 15.28 | 251.30 |
| 723 | 4.19 | 5.25  | 51.80 | 24.07 | 7.87  | 0.24  | 0.00 | 0.00 | 4.86  | 28.35 | 50.74 | 15.93 | 193.29 |
| 724 | 3.97 | 4.49  | 47.79 | 31.19 | 7.72  | 0.22  | 0.00 | 0.00 | 3.67  | 23.15 | 44.57 | 14.14 | 180.90 |
| 725 | 3.77 | 4.01  | 44.19 | 37.28 | 7.49  | 0.18  | 0.00 | 0.00 | 2.50  | 18.17 | 38.77 | 12.49 | 168.85 |
| 726 | 2.97 | 2.12  | 48.96 | 40.91 | 16.16 | 4.61  | 1.33 | 2.80 | 15.08 | 38.92 | 57.17 | 12.84 | 243.88 |
| 727 | 7.54 | 7.91  | 57.71 | 46.85 | 18.24 | 4.74  | 0.44 | 2.08 | 15.04 | 37.36 | 61.76 | 18.41 | 278.07 |
| 728 | 4.17 | 5.29  | 51.57 | 25.34 | 8.61  | 0.45  | 0.01 | 0.10 | 5.50  | 28.80 | 51.49 | 16.03 | 197.36 |
| 729 | 6.19 | 6.79  | 56.09 | 54.81 | 20.63 | 6.65  | 1.59 | 3.68 | 18.99 | 41.25 | 64.08 | 16.98 | 297.73 |
| 730 | 4.70 | 5.48  | 56.63 | 65.38 | 34.34 | 11.27 | 4.56 | 7.65 | 24.79 | 52.08 | 69.37 | 26.51 | 362.76 |
| 731 | 3.78 | 1.51  | 41.44 | 43.49 | 18.93 | 4.71  | 0.59 | 0.86 | 8.41  | 31.63 | 50.40 | 11.78 | 217.52 |
| 732 | 2.31 | 1.46  | 28.22 | 54.07 | 19.98 | 2.97  | 0.00 | 0.14 | 6.41  | 29.12 | 50.18 | 10.25 | 205.10 |
| 733 | 3.60 | 3.94  | 49.52 | 51.55 | 23.77 | 8.49  | 1.14 | 2.41 | 16.47 | 40.46 | 58.33 | 15.42 | 275.09 |
| 734 | 4.96 | 5.87  | 57.31 | 49.46 | 28.35 | 14.05 | 4.64 | 7.95 | 25.62 | 49.23 | 63.85 | 17.16 | 328.45 |
| 735 | 2.73 | 2.77  | 40.66 | 51.01 | 29.14 | 14.98 | 6.61 | 8.10 | 22.99 | 48.03 | 58.48 | 13.92 | 299.43 |
| 736 | 6.92 | 5.57  | 58.77 | 50.69 | 27.47 | 11.57 | 2.86 | 5.71 | 22.98 | 47.08 | 63.77 | 19.48 | 322.87 |
| 737 | 3.82 | 5.14  | 48.99 | 30.80 | 14.71 | 3.18  | 0.00 | 0.28 | 7.76  | 32.23 | 48.11 | 15.63 | 210.64 |
| 738 | 2.67 | 4.74  | 56.43 | 61.93 | 32.25 | 10.49 | 4.42 | 7.76 | 24.51 | 51.40 | 68.37 | 24.53 | 349.49 |
| 739 | 3.41 | 4.09  | 55.34 | 58.26 | 31.00 | 10.07 | 4.25 | 6.29 | 22.63 | 50.85 | 66.67 | 23.81 | 336.68 |
| 740 | 4.58 | 1.70  | 48.29 | 37.90 | 17.64 | 5.10  | 0.84 | 1.20 | 9.25  | 33.56 | 50.80 | 12.64 | 223.49 |
| 741 | 1.84 | 2.02  | 39.65 | 67.24 | 32.44 | 9.97  | 3.27 | 5.11 | 19.11 | 46.59 | 62.50 | 20.67 | 310.41 |
| 742 | 2.88 | 3.79  | 46.34 | 69.37 | 36.07 | 13.66 | 6.25 | 9.12 | 26.47 | 51.99 | 65.70 | 22.25 | 353.90 |
| 743 | 2.59 | 4.15  | 48.11 | 48.80 | 24.91 | 6.06  | 1.42 | 2.69 | 15.82 | 43.27 | 59.02 | 20.43 | 277.27 |
| 744 | 3.04 | 3.39  | 47.79 | 44.64 | 18.53 | 2.51  | 0.00 | 0.34 | 8.29  | 35.56 | 52.67 | 20.09 | 236.85 |
| 745 | 2.29 | 2.90  | 39.52 | 52.92 | 21.86 | 3.15  | 0.00 | 0.37 | 7.73  | 32.58 | 50.12 | 18.80 | 232.24 |
| 746 | 2.12 | 3.53  | 48.71 | 64.96 | 34.79 | 12.27 | 5.39 | 8.07 | 25.67 | 52.65 | 67.66 | 22.22 | 348.05 |

|     |       |      |       |       |       |       |       |      |       |       |       |       |        |
|-----|-------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|--------|
| 747 | 1.74  | 4.87 | 54.02 | 75.43 | 36.73 | 12.72 | 4.15  | 7.66 | 26.82 | 53.60 | 71.68 | 25.40 | 374.83 |
| 748 | 2.66  | 3.56 | 50.62 | 60.98 | 30.48 | 8.19  | 2.80  | 5.09 | 20.08 | 48.95 | 65.86 | 24.40 | 323.67 |
| 749 | 2.07  | 2.16 | 32.39 | 54.68 | 20.78 | 9.27  | 3.44  | 2.62 | 23.24 | 49.00 | 56.96 | 12.76 | 269.35 |
| 750 | 3.06  | 4.02 | 39.64 | 68.63 | 27.73 | 14.12 | 7.26  | 4.28 | 33.10 | 52.18 | 62.34 | 11.66 | 328.02 |
| 751 | 3.06  | 1.84 | 41.21 | 46.24 | 21.03 | 10.11 | 4.82  | 3.96 | 29.19 | 52.67 | 58.02 | 12.71 | 284.86 |
| 752 | 2.42  | 2.79 | 35.98 | 65.01 | 26.05 | 11.84 | 5.66  | 3.65 | 30.46 | 52.07 | 61.36 | 11.70 | 309.00 |
| 753 | 1.96  | 2.68 | 38.84 | 62.86 | 25.13 | 12.44 | 5.83  | 3.80 | 31.60 | 53.73 | 61.66 | 12.23 | 312.77 |
| 754 | 4.31  | 3.93 | 47.53 | 65.00 | 29.22 | 15.43 | 9.15  | 5.64 | 38.00 | 57.17 | 65.41 | 12.72 | 353.51 |
| 755 | 1.76  | 2.74 | 40.82 | 40.47 | 16.41 | 6.66  | 1.31  | 1.40 | 20.55 | 47.96 | 54.65 | 13.05 | 247.78 |
| 756 | 3.82  | 5.04 | 39.05 | 88.31 | 29.80 | 13.85 | 6.27  | 3.48 | 33.10 | 51.44 | 65.78 | 10.89 | 350.84 |
| 757 | 7.07  | 6.74 | 53.94 | 75.05 | 28.64 | 13.93 | 7.35  | 3.89 | 33.93 | 53.28 | 65.46 | 12.22 | 361.50 |
| 758 | 0.47  | 1.79 | 19.95 | 62.65 | 21.96 | 8.13  | 2.24  | 1.60 | 19.17 | 38.40 | 53.03 | 8.72  | 238.11 |
| 759 | 3.80  | 5.27 | 29.92 | 90.65 | 30.41 | 12.98 | 5.06  | 2.25 | 28.49 | 45.28 | 62.58 | 8.50  | 325.18 |
| 760 | 10.25 | 9.88 | 64.13 | 91.61 | 30.87 | 15.56 | 8.28  | 3.60 | 36.71 | 54.36 | 69.44 | 12.20 | 406.90 |
| 761 | 3.87  | 4.10 | 43.57 | 59.48 | 24.23 | 11.75 | 5.74  | 3.59 | 29.32 | 52.06 | 60.52 | 12.86 | 311.10 |
| 762 | 0.77  | 2.48 | 28.63 | 59.70 | 19.61 | 7.24  | 2.21  | 2.71 | 22.28 | 44.77 | 56.72 | 11.03 | 258.16 |
| 763 | 5.55  | 6.04 | 50.36 | 67.80 | 26.92 | 12.81 | 6.42  | 3.67 | 33.00 | 53.78 | 64.11 | 12.61 | 343.06 |
| 764 | 0.21  | 2.02 | 15.01 | 72.97 | 32.89 | 19.09 | 12.09 | 7.06 | 35.54 | 58.12 | 59.67 | 9.28  | 323.94 |
| 801 | 0.00  | 0.92 | 15.71 | 72.09 | 27.49 | 14.39 | 8.80  | 4.55 | 27.26 | 47.48 | 49.95 | 3.98  | 272.62 |
| 802 | 0.00  | 0.92 | 15.73 | 72.21 | 27.55 | 14.42 | 8.83  | 4.57 | 27.32 | 47.58 | 50.05 | 3.99  | 273.17 |
| 803 | 0.00  | 1.39 | 9.13  | 76.91 | 21.62 | 9.70  | 4.57  | 2.33 | 16.74 | 36.50 | 42.14 | 4.13  | 225.15 |
| 804 | 0.00  | 1.22 | 11.51 | 75.17 | 23.74 | 11.39 | 6.10  | 3.13 | 20.54 | 40.47 | 44.96 | 4.08  | 242.30 |
| 805 | 1.93  | 3.18 | 20.41 | 78.21 | 21.80 | 9.76  | 4.90  | 2.32 | 18.29 | 36.60 | 45.28 | 5.78  | 248.45 |
| 806 | 0.01  | 2.29 | 10.95 | 63.52 | 14.15 | 2.75  | 0.18  | 0.00 | 4.00  | 18.08 | 36.44 | 6.14  | 158.51 |
| 807 | 4.76  | 4.82 | 47.05 | 64.12 | 27.42 | 14.24 | 8.61  | 5.52 | 34.99 | 53.73 | 62.42 | 12.23 | 339.91 |
| 808 | 0.01  | 2.51 | 14.55 | 66.59 | 11.00 | 1.92  | 0.12  | 0.00 | 2.17  | 16.59 | 32.50 | 6.94  | 154.89 |
| 809 | 0.01  | 2.62 | 16.35 | 68.07 | 9.37  | 1.49  | 0.09  | 0.00 | 1.24  | 15.82 | 30.48 | 7.34  | 152.86 |
| 810 | 1.53  | 2.39 | 34.81 | 47.62 | 15.77 | 5.72  | 2.16  | 2.47 | 18.49 | 40.39 | 47.79 | 11.80 | 230.95 |
| 811 | 3.22  | 3.12 | 44.18 | 53.06 | 24.49 | 12.79 | 7.41  | 5.31 | 32.76 | 55.14 | 61.28 | 13.44 | 316.20 |
| 812 | 2.89  | 2.80 | 36.23 | 57.33 | 25.08 | 13.05 | 7.41  | 5.35 | 30.89 | 53.02 | 58.67 | 12.39 | 305.12 |
| 813 | 0.15  | 2.26 | 12.94 | 64.33 | 16.04 | 4.12  | 0.44  | 0.00 | 6.86  | 22.70 | 39.48 | 6.84  | 176.16 |
| 814 | 2.41  | 1.92 | 37.01 | 48.65 | 19.99 | 9.26  | 3.75  | 2.81 | 24.22 | 49.36 | 56.31 | 12.79 | 268.46 |
| 815 | 0.08  | 2.12 | 8.56  | 63.45 | 21.43 | 6.17  | 0.73  | 0.01 | 10.93 | 27.03 | 45.87 | 6.05  | 192.44 |
| 816 | 1.89  | 2.23 | 37.34 | 41.67 | 16.25 | 6.48  | 1.36  | 0.86 | 17.45 | 43.10 | 50.62 | 12.36 | 231.62 |
| 817 | 0.71  | 2.22 | 26.10 | 49.92 | 17.88 | 5.93  | 0.81  | 0.31 | 14.00 | 36.05 | 48.36 | 10.21 | 212.50 |
| 818 | 1.60  | 2.10 | 35.89 | 50.72 | 20.47 | 9.67  | 4.32  | 2.64 | 22.90 | 47.64 | 55.96 | 12.04 | 265.97 |
| 819 | 0.86  | 2.16 | 26.98 | 47.76 | 15.64 | 4.73  | 0.58  | 0.30 | 11.76 | 33.22 | 45.90 | 10.20 | 200.10 |
| 820 | 1.10  | 2.24 | 25.25 | 47.24 | 13.64 | 3.47  | 0.21  | 0.01 | 8.48  | 29.27 | 43.32 | 9.45  | 183.68 |
| 821 | 2.44  | 2.32 | 35.47 | 54.56 | 22.46 | 10.99 | 5.16  | 3.52 | 25.97 | 50.05 | 57.44 | 12.29 | 282.66 |
| 822 | 0.26  | 2.13 | 12.01 | 57.58 | 16.05 | 3.45  | 0.22  | 0.00 | 6.22  | 21.65 | 40.56 | 6.40  | 166.53 |
| 823 | 1.68  | 2.05 | 31.84 | 52.08 | 20.26 | 8.89  | 3.25  | 2.32 | 22.01 | 46.26 | 54.76 | 11.85 | 257.26 |
| 824 | 1.91  | 2.01 | 34.13 | 48.86 | 18.49 | 7.98  | 2.78  | 2.04 | 20.50 | 45.91 | 53.98 | 12.51 | 251.10 |
| 825 | 1.23  | 2.21 | 29.78 | 46.52 | 15.48 | 5.17  | 0.76  | 0.44 | 13.36 | 36.77 | 47.38 | 10.90 | 210.00 |
| 826 | 2.75  | 2.12 | 38.49 | 49.02 | 21.80 | 10.61 | 4.67  | 3.45 | 27.15 | 51.35 | 57.51 | 13.00 | 281.91 |
| 827 | 0.31  | 1.78 | 21.94 | 53.58 | 15.94 | 4.79  | 0.81  | 0.29 | 9.29  | 30.32 | 44.94 | 9.02  | 193.01 |
| 828 | 0.29  | 1.80 | 20.93 | 54.10 | 16.00 | 4.69  | 0.77  | 0.27 | 9.02  | 29.52 | 44.56 | 8.77  | 190.71 |
| 829 | 1.60  | 1.34 | 28.73 | 47.68 | 15.52 | 4.99  | 0.76  | 0.37 | 11.94 | 34.69 | 46.73 | 10.59 | 204.93 |
| 830 | 2.04  | 2.10 | 36.89 | 46.00 | 19.78 | 9.08  | 3.12  | 2.03 | 22.54 | 46.70 | 53.74 | 12.32 | 256.34 |
| 831 | 3.38  | 0.68 | 39.22 | 39.41 | 14.83 | 5.48  | 0.81  | 0.51 | 15.74 | 41.96 | 49.87 | 13.21 | 225.11 |
| 832 | 3.02  | 1.20 | 37.13 | 40.78 | 14.92 | 5.22  | 0.74  | 0.45 | 14.66 | 39.67 | 48.89 | 12.52 | 219.20 |
| 833 | 2.93  | 2.63 | 37.91 | 51.45 | 22.80 | 11.48 | 5.59  | 4.02 | 28.26 | 51.51 | 57.62 | 12.81 | 289.02 |

|     |      |       |       |       |       |       |      |       |       |       |       |       |        |
|-----|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|--------|
| 834 | 3.97 | 3.83  | 40.54 | 43.04 | 19.10 | 7.43  | 3.77 | 3.72  | 19.68 | 40.13 | 58.42 | 18.43 | 262.06 |
| 835 | 1.98 | 2.81  | 32.77 | 43.30 | 15.21 | 3.77  | 1.18 | 1.13  | 11.21 | 29.28 | 49.35 | 16.68 | 208.67 |
| 836 | 4.07 | 2.39  | 44.23 | 40.22 | 18.69 | 7.76  | 3.61 | 4.38  | 22.18 | 46.59 | 62.02 | 18.98 | 275.12 |
| 837 | 1.63 | 2.90  | 30.60 | 44.97 | 15.35 | 3.57  | 1.11 | 0.96  | 10.21 | 26.99 | 47.85 | 16.19 | 202.32 |
| 838 | 0.68 | 3.41  | 23.72 | 50.09 | 15.81 | 2.95  | 0.90 | 0.42  | 7.12  | 19.93 | 43.33 | 14.71 | 183.06 |
| 839 | 5.14 | 2.95  | 47.54 | 41.76 | 21.38 | 9.89  | 6.16 | 7.28  | 28.42 | 51.58 | 65.87 | 20.08 | 308.05 |
| 840 | 4.21 | 2.73  | 42.28 | 38.65 | 16.73 | 6.22  | 2.31 | 2.92  | 18.84 | 43.47 | 59.66 | 19.03 | 257.06 |
| 841 | 3.09 | 40.97 | 35.67 | 14.53 | 4.55  | 1.44  | 1.79 | 15.27 | 38.62 | 53.52 | 18.97 | 3.98  | 232.40 |
| 842 | 3.69 | 2.37  | 43.50 | 34.85 | 14.44 | 4.74  | 1.50 | 1.97  | 16.14 | 40.55 | 56.64 | 19.09 | 239.48 |
| 843 | 5.06 | 3.10  | 47.54 | 41.75 | 21.97 | 10.33 | 6.88 | 8.12  | 29.15 | 51.65 | 65.97 | 20.03 | 311.56 |
| 844 | 4.21 | 2.37  | 45.66 | 29.54 | 11.27 | 3.20  | 1.20 | 1.03  | 13.41 | 36.94 | 54.60 | 18.84 | 222.27 |
| 845 | 4.09 | 2.24  | 45.60 | 29.11 | 10.59 | 2.65  | 0.76 | 0.60  | 12.38 | 36.14 | 53.92 | 18.62 | 216.70 |
| 846 | 1.84 | 3.57  | 36.00 | 44.69 | 10.58 | 2.63  | 0.74 | 0.81  | 7.53  | 26.89 | 45.39 | 15.41 | 196.09 |
| 847 | 4.62 | 5.73  | 42.50 | 37.18 | 17.23 | 5.38  | 3.54 | 7.88  | 24.92 | 49.17 | 61.66 | 20.49 | 280.28 |
| 848 | 4.78 | 3.20  | 49.16 | 40.17 | 20.16 | 9.53  | 5.51 | 5.98  | 25.76 | 49.65 | 63.59 | 19.53 | 297.01 |
| 849 | 5.03 | 3.93  | 48.53 | 41.09 | 20.77 | 9.86  | 6.17 | 7.17  | 27.29 | 50.18 | 63.17 | 19.09 | 302.27 |
| 850 | 4.45 | 3.80  | 44.67 | 32.31 | 13.94 | 4.00  | 2.18 | 4.32  | 19.03 | 43.23 | 58.30 | 19.78 | 250.01 |
| 851 | 4.45 | 3.80  | 44.67 | 32.31 | 13.93 | 4.00  | 2.18 | 4.32  | 19.01 | 43.22 | 58.29 | 19.78 | 249.94 |
| 852 | 4.47 | 3.32  | 45.06 | 43.62 | 21.25 | 9.50  | 5.55 | 6.64  | 26.41 | 50.04 | 64.36 | 19.81 | 300.02 |
| 853 | 4.50 | 2.53  | 48.50 | 38.28 | 19.44 | 8.89  | 5.05 | 5.58  | 24.35 | 48.74 | 63.30 | 19.42 | 288.57 |
| 854 | 3.58 | 2.38  | 42.41 | 31.99 | 11.31 | 2.68  | 0.78 | 0.56  | 11.58 | 33.73 | 52.32 | 18.03 | 211.35 |
| 855 | 4.03 | 2.47  | 45.04 | 29.23 | 10.82 | 2.71  | 0.80 | 0.64  | 12.27 | 35.65 | 53.77 | 18.87 | 216.29 |
| 856 | 2.65 | 2.63  | 36.97 | 39.93 | 14.89 | 4.15  | 1.30 | 1.46  | 13.14 | 33.68 | 52.16 | 17.62 | 220.58 |
| 857 | 4.89 | 3.27  | 45.65 | 35.25 | 17.67 | 7.79  | 3.43 | 4.35  | 22.54 | 46.70 | 60.62 | 18.97 | 271.15 |
| 858 | 3.34 | 2.45  | 41.68 | 35.19 | 13.75 | 4.00  | 1.25 | 1.42  | 13.97 | 36.59 | 54.17 | 18.53 | 226.34 |
| 859 | 5.24 | 3.18  | 48.49 | 37.49 | 19.54 | 9.17  | 5.15 | 5.70  | 25.46 | 49.85 | 63.63 | 19.73 | 292.62 |
| 860 | 2.97 | 2.55  | 38.59 | 35.76 | 12.18 | 2.70  | 0.79 | 0.51  | 10.57 | 30.77 | 50.44 | 17.40 | 205.22 |
| 861 | 3.87 | 2.54  | 46.54 | 37.92 | 19.78 | 9.37  | 4.63 | 5.42  | 24.46 | 48.88 | 61.75 | 18.63 | 283.77 |
| 862 | 4.77 | 3.20  | 44.68 | 32.14 | 14.04 | 4.79  | 1.52 | 2.02  | 16.87 | 42.46 | 58.07 | 19.85 | 244.44 |
| 863 | 4.61 | 3.14  | 44.10 | 32.81 | 14.17 | 4.78  | 1.52 | 2.00  | 16.66 | 41.90 | 57.65 | 19.73 | 243.07 |
| 864 | 4.91 | 3.27  | 45.14 | 31.92 | 14.16 | 4.92  | 1.58 | 2.12  | 17.28 | 43.14 | 58.56 | 19.99 | 246.99 |
| 865 | 4.08 | 2.26  | 45.96 | 32.90 | 14.26 | 4.97  | 1.58 | 2.16  | 17.27 | 43.12 | 58.29 | 19.64 | 246.49 |
| 866 | 4.67 | 3.06  | 44.47 | 32.63 | 14.22 | 4.85  | 1.54 | 2.06  | 16.91 | 42.37 | 58.01 | 19.81 | 244.59 |
| 867 | 4.21 | 2.39  | 46.74 | 40.09 | 20.64 | 9.71  | 5.38 | 6.03  | 25.31 | 49.60 | 63.64 | 18.70 | 292.44 |
| 868 | 4.75 | 3.18  | 44.67 | 32.20 | 14.07 | 4.80  | 1.53 | 2.03  | 16.89 | 42.47 | 58.08 | 19.87 | 244.53 |
| 869 | 4.60 | 3.14  | 44.07 | 32.84 | 14.17 | 4.78  | 1.51 | 2.00  | 16.64 | 41.86 | 57.63 | 19.73 | 242.97 |
| 870 | 4.90 | 3.27  | 45.12 | 31.94 | 14.16 | 4.92  | 1.58 | 2.12  | 17.27 | 43.13 | 58.55 | 19.99 | 246.95 |
| 871 | 4.66 | 3.06  | 44.45 | 32.65 | 14.22 | 4.85  | 1.54 | 2.05  | 16.90 | 42.35 | 57.99 | 19.80 | 244.53 |
| 872 | 4.20 | 2.38  | 46.74 | 40.10 | 20.63 | 9.70  | 5.38 | 6.03  | 25.27 | 49.61 | 63.67 | 18.72 | 292.42 |
| 873 | 4.58 | 3.87  | 44.94 | 45.03 | 21.95 | 10.30 | 6.14 | 6.76  | 26.89 | 49.91 | 65.56 | 20.28 | 306.22 |
| 874 | 4.89 | 5.09  | 41.10 | 33.25 | 14.35 | 5.07  | 2.04 | 2.24  | 16.04 | 39.30 | 56.27 | 19.00 | 238.62 |
| 875 | 4.93 | 5.65  | 41.65 | 32.90 | 14.35 | 5.01  | 1.71 | 2.11  | 16.50 | 41.62 | 57.89 | 19.69 | 244.01 |
| 876 | 5.60 | 4.61  | 44.94 | 37.94 | 20.81 | 10.08 | 5.65 | 6.26  | 26.85 | 50.39 | 64.72 | 20.49 | 298.35 |
| 877 | 5.15 | 3.93  | 47.90 | 44.01 | 23.80 | 11.77 | 7.50 | 8.04  | 30.70 | 54.04 | 68.80 | 20.13 | 325.77 |
| 878 | 6.25 | 4.48  | 50.44 | 43.68 | 24.11 | 12.49 | 8.30 | 8.62  | 33.21 | 55.31 | 69.99 | 21.29 | 338.18 |
| 879 | 4.14 | 2.31  | 46.20 | 32.61 | 14.21 | 5.05  | 1.65 | 2.15  | 16.86 | 43.05 | 58.40 | 19.69 | 246.31 |
| 880 | 5.66 | 3.90  | 47.37 | 41.57 | 23.02 | 11.68 | 7.24 | 7.92  | 30.71 | 53.74 | 67.54 | 20.60 | 320.96 |
| 881 | 4.01 | 2.32  | 45.57 | 28.98 | 10.62 | 2.73  | 0.80 | 0.58  | 11.91 | 35.91 | 53.89 | 18.62 | 215.93 |
| 882 | 3.70 | 2.56  | 44.29 | 31.36 | 10.77 | 2.80  | 0.86 | 0.76  | 11.55 | 34.96 | 52.82 | 18.12 | 214.54 |
| 883 | 3.71 | 2.56  | 44.30 | 31.34 | 10.78 | 2.81  | 0.87 | 0.77  | 11.59 | 35.01 | 52.85 | 18.13 | 214.71 |
| 884 | 4.39 | 3.14  | 45.03 | 44.14 | 22.55 | 10.58 | 6.45 | 7.06  | 27.73 | 50.55 | 65.73 | 19.25 | 306.62 |

|     |      |       |       |       |       |       |      |      |       |       |       |       |        |
|-----|------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|--------|
| 885 | 3.47 | 2.87  | 43.47 | 37.57 | 14.72 | 5.54  | 2.20 | 2.51 | 15.84 | 40.13 | 55.71 | 18.17 | 242.19 |
| 886 | 4.75 | 3.56  | 44.98 | 42.43 | 21.47 | 9.56  | 5.71 | 7.11 | 27.27 | 50.12 | 64.91 | 19.53 | 301.40 |
| 887 | 3.53 | 1.14  | 42.88 | 45.37 | 21.54 | 9.76  | 4.29 | 4.96 | 23.75 | 47.44 | 61.87 | 16.31 | 282.84 |
| 888 | 4.28 | 3.36  | 44.82 | 43.76 | 21.83 | 10.21 | 6.59 | 7.49 | 27.49 | 50.93 | 64.67 | 18.90 | 304.35 |
| 889 | 3.12 | 3.27  | 47.38 | 41.46 | 20.46 | 9.47  | 6.43 | 5.92 | 21.72 | 47.08 | 63.42 | 18.72 | 288.44 |
| 890 | 4.38 | 3.49  | 45.45 | 40.95 | 20.29 | 9.10  | 5.27 | 6.17 | 25.33 | 49.58 | 64.45 | 19.76 | 294.22 |
| 891 | 0.42 | 4.14  | 30.63 | 53.34 | 10.20 | 2.50  | 0.58 | 0.42 | 3.63  | 20.52 | 39.91 | 13.29 | 179.58 |
| 892 | 3.39 | 3.41  | 43.42 | 36.78 | 14.48 | 4.82  | 2.07 | 3.16 | 15.66 | 40.35 | 56.33 | 18.64 | 242.51 |
| 893 | 0.34 | 4.13  | 30.09 | 54.06 | 10.04 | 2.41  | 0.50 | 0.32 | 3.36  | 19.87 | 39.30 | 13.15 | 177.58 |
| 894 | 0.27 | 3.99  | 28.27 | 53.82 | 11.11 | 2.47  | 0.54 | 0.28 | 3.76  | 19.11 | 39.51 | 13.15 | 176.28 |
| 895 | 2.48 | 2.51  | 36.91 | 49.19 | 21.64 | 9.38  | 5.35 | 5.69 | 22.07 | 44.62 | 60.46 | 17.18 | 277.50 |
| 896 | 3.13 | 3.87  | 47.68 | 37.14 | 16.74 | 9.54  | 4.45 | 6.93 | 18.23 | 44.71 | 54.60 | 20.74 | 267.75 |
| 897 | 3.71 | 6.23  | 43.37 | 41.10 | 17.23 | 9.42  | 4.43 | 7.19 | 18.79 | 44.99 | 55.98 | 21.91 | 274.34 |
| 898 | 5.08 | 11.06 | 63.50 | 77.15 | 23.89 | 13.53 | 4.97 | 7.54 | 21.31 | 42.67 | 57.16 | 19.83 | 347.71 |
| 899 | 5.02 | 8.90  | 59.29 | 57.96 | 19.93 | 11.82 | 4.87 | 7.43 | 20.41 | 44.49 | 57.48 | 21.65 | 319.24 |

Average monthly and annual values Derived from SWAT modeling for period 1985-2005  
Expressed as equivalent mm of precipitation

# Runoff

| SWAT # | Jan   | Feb   | Mar    | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Annual |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 101    | 31.82 | 40.10 | 102.30 | 26.75 | 15.98 | 20.59 | 19.67 | 12.23 | 31.98 | 14.96 | 25.14 | 25.72 | 367.22 |
| 102    | 29.84 | 38.39 | 100.11 | 27.14 | 13.06 | 16.74 | 16.52 | 9.47  | 26.80 | 11.34 | 22.41 | 23.88 | 335.70 |
| 103    | 31.76 | 40.23 | 102.93 | 27.51 | 16.28 | 20.55 | 19.99 | 12.42 | 31.34 | 14.74 | 25.77 | 25.88 | 369.39 |
| 104    | 31.45 | 39.79 | 101.36 | 25.75 | 16.02 | 20.64 | 19.73 | 12.30 | 31.90 | 15.02 | 24.75 | 25.18 | 363.88 |
| 105    | 25.19 | 33.96 | 63.82  | 17.89 | 14.07 | 16.85 | 23.43 | 11.31 | 30.48 | 14.96 | 20.90 | 27.26 | 300.12 |
| 106    | 24.89 | 34.42 | 64.28  | 22.19 | 18.40 | 21.17 | 28.90 | 15.54 | 36.55 | 19.33 | 24.96 | 28.03 | 338.68 |
| 107    | 25.71 | 34.98 | 64.12  | 18.06 | 16.07 | 19.04 | 25.80 | 12.74 | 33.86 | 17.75 | 23.09 | 28.10 | 319.32 |
| 108    | 24.12 | 33.97 | 62.65  | 18.82 | 14.94 | 17.53 | 24.54 | 11.88 | 31.11 | 15.81 | 21.96 | 26.69 | 304.01 |
| 109    | 24.29 | 32.94 | 60.27  | 16.89 | 15.63 | 18.57 | 25.30 | 12.93 | 31.88 | 17.06 | 21.76 | 26.33 | 303.85 |
| 110    | 24.04 | 33.75 | 61.82  | 18.40 | 15.84 | 18.74 | 25.84 | 12.98 | 32.40 | 16.70 | 22.15 | 26.38 | 309.03 |
| 111    | 24.66 | 33.48 | 47.27  | 14.10 | 14.93 | 14.54 | 17.70 | 9.74  | 25.72 | 13.37 | 18.59 | 20.34 | 254.44 |
| 112    | 21.91 | 31.43 | 44.34  | 16.36 | 11.60 | 11.12 | 13.83 | 6.80  | 20.32 | 9.25  | 15.57 | 19.00 | 221.53 |
| 113    | 25.37 | 34.50 | 63.17  | 19.10 | 16.35 | 19.13 | 26.02 | 12.84 | 32.56 | 17.43 | 23.11 | 27.98 | 317.56 |
| 114    | 24.99 | 34.23 | 64.13  | 21.86 | 14.85 | 17.23 | 23.83 | 11.33 | 30.10 | 14.83 | 21.21 | 27.52 | 306.10 |
| 115    | 22.79 | 32.42 | 62.74  | 25.21 | 13.26 | 15.06 | 21.39 | 10.01 | 26.64 | 12.18 | 18.57 | 25.29 | 285.56 |
| 116    | 26.04 | 35.47 | 65.26  | 19.46 | 16.80 | 19.38 | 26.67 | 13.00 | 34.12 | 17.46 | 24.13 | 28.89 | 326.69 |
| 117    | 25.26 | 36.36 | 53.30  | 21.55 | 11.24 | 10.65 | 13.28 | 6.30  | 19.99 | 8.17  | 15.45 | 21.41 | 242.96 |
| 118    | 25.23 | 34.52 | 64.19  | 21.48 | 17.73 | 20.41 | 27.83 | 14.61 | 35.19 | 18.77 | 24.51 | 28.28 | 332.76 |
| 119    | 24.81 | 34.19 | 63.34  | 20.25 | 17.98 | 20.85 | 27.59 | 14.86 | 37.09 | 20.17 | 24.22 | 27.47 | 332.83 |
| 120    | 25.08 | 34.35 | 63.68  | 20.96 | 19.17 | 22.10 | 29.68 | 16.02 | 36.83 | 20.40 | 25.29 | 27.97 | 341.53 |
| 121    | 25.47 | 34.70 | 64.53  | 18.67 | 15.07 | 17.82 | 24.78 | 12.02 | 31.97 | 15.85 | 22.24 | 27.91 | 311.03 |
| 122    | 25.77 | 34.98 | 65.35  | 19.12 | 14.76 | 17.33 | 24.05 | 11.35 | 31.25 | 15.43 | 22.39 | 28.37 | 310.15 |
| 123    | 24.68 | 33.08 | 63.41  | 18.63 | 13.63 | 16.48 | 23.00 | 11.00 | 29.79 | 14.13 | 20.04 | 26.53 | 294.41 |
| 124    | 32.14 | 40.74 | 103.32 | 26.95 | 17.34 | 22.04 | 21.14 | 13.29 | 33.98 | 16.01 | 26.51 | 26.32 | 379.78 |
| 125    | 25.42 | 35.01 | 65.02  | 20.73 | 17.56 | 20.05 | 27.41 | 13.79 | 35.17 | 18.10 | 24.60 | 28.54 | 331.38 |
| 126    | 26.02 | 35.10 | 64.30  | 17.78 | 16.02 | 18.95 | 25.51 | 13.17 | 34.86 | 18.46 | 23.11 | 28.27 | 321.57 |
| 127    | 25.64 | 35.35 | 64.25  | 18.23 | 15.98 | 18.92 | 25.63 | 12.81 | 34.72 | 17.99 | 23.18 | 28.11 | 320.82 |
| 128    | 25.60 | 35.22 | 64.75  | 18.68 | 15.57 | 18.39 | 25.64 | 12.34 | 32.64 | 16.12 | 22.87 | 28.29 | 316.10 |
| 129    | 26.01 | 35.18 | 64.45  | 17.52 | 15.21 | 18.09 | 24.36 | 12.17 | 33.52 | 17.62 | 22.64 | 28.22 | 314.97 |
| 130    | 25.33 | 34.83 | 64.49  | 18.21 | 14.36 | 17.07 | 23.98 | 11.51 | 31.24 | 15.38 | 21.77 | 27.64 | 305.83 |
| 131    | 33.02 | 47.33 | 51.10  | 22.37 | 24.99 | 19.26 | 19.91 | 19.29 | 23.67 | 18.63 | 30.20 | 30.23 | 339.99 |
| 132    | 24.39 | 42.39 | 42.99  | 17.28 | 13.21 | 15.62 | 18.14 | 15.40 | 21.78 | 14.72 | 24.79 | 19.21 | 269.92 |
| 133    | 27.55 | 35.31 | 68.98  | 19.17 | 12.97 | 15.64 | 15.39 | 11.35 | 29.72 | 13.70 | 20.61 | 26.93 | 297.31 |
| 134    | 28.86 | 36.00 | 70.53  | 19.84 | 13.83 | 16.75 | 16.32 | 12.37 | 31.22 | 15.02 | 21.59 | 28.48 | 310.82 |
| 135    | 27.21 | 35.22 | 69.20  | 20.61 | 12.72 | 15.12 | 15.01 | 11.08 | 29.08 | 13.39 | 20.45 | 26.57 | 295.64 |
| 136    | 34.07 | 46.85 | 51.17  | 18.43 | 20.92 | 15.92 | 16.09 | 15.61 | 19.66 | 15.55 | 26.76 | 30.04 | 311.07 |
| 137    | 34.48 | 48.18 | 50.68  | 17.02 | 21.55 | 16.63 | 16.49 | 15.79 | 20.26 | 16.36 | 27.50 | 30.21 | 315.14 |
| 138    | 34.86 | 48.65 | 51.78  | 17.80 | 21.40 | 16.29 | 16.19 | 15.66 | 20.10 | 16.20 | 27.75 | 30.73 | 317.40 |
| 139    | 29.03 | 35.00 | 69.04  | 17.13 | 13.31 | 16.29 | 15.49 | 11.85 | 30.00 | 15.17 | 20.31 | 28.25 | 300.87 |
| 140    | 29.41 | 36.85 | 70.12  | 17.46 | 13.74 | 16.49 | 16.08 | 12.01 | 31.56 | 15.12 | 21.96 | 29.00 | 309.80 |
| 141    | 33.05 | 46.05 | 49.25  | 16.75 | 20.23 | 15.77 | 15.57 | 15.12 | 19.06 | 15.24 | 25.46 | 28.81 | 300.36 |
| 142    | 28.68 | 34.23 | 68.20  | 17.16 | 13.22 | 16.40 | 15.49 | 12.01 | 29.71 | 15.44 | 19.86 | 27.35 | 297.77 |
| 143    | 25.89 | 33.60 | 65.46  | 16.63 | 11.44 | 13.93 | 13.23 | 10.01 | 27.56 | 12.83 | 18.59 | 24.95 | 274.13 |
| 144    | 26.98 | 34.36 | 66.99  | 17.12 | 12.05 | 15.03 | 14.17 | 10.84 | 29.24 | 13.83 | 19.23 | 25.96 | 285.80 |
| 145    | 28.39 | 35.43 | 68.84  | 17.05 | 12.72 | 15.74 | 15.12 | 11.27 | 29.28 | 14.09 | 20.19 | 27.66 | 295.77 |
| 146    | 28.63 | 36.52 | 69.62  | 19.16 | 14.18 | 16.96 | 16.56 | 12.26 | 32.25 | 15.64 | 22.44 | 28.33 | 312.54 |
| 147    | 27.04 | 34.48 | 67.67  | 17.44 | 12.05 | 14.74 | 14.24 | 10.53 | 28.03 | 12.88 | 19.26 | 26.11 | 284.46 |
| 148    | 24.70 | 42.03 | 42.66  | 17.27 | 13.69 | 16.58 | 18.54 | 16.25 | 23.39 | 15.86 | 25.05 | 19.08 | 275.09 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 149 | 25.24 | 31.82 | 60.66 | 15.67 | 12.21 | 14.86 | 14.10 | 10.61 | 28.43 | 13.89 | 19.33 | 25.00 | 271.83 |
| 150 | 28.35 | 36.23 | 69.18 | 18.60 | 13.23 | 16.00 | 15.47 | 11.36 | 30.72 | 14.58 | 21.54 | 28.09 | 303.35 |
| 151 | 28.57 | 35.81 | 69.46 | 17.78 | 12.56 | 15.46 | 14.92 | 11.06 | 29.26 | 13.80 | 20.32 | 27.90 | 296.91 |
| 152 | 27.90 | 35.92 | 70.03 | 20.27 | 11.93 | 14.33 | 14.09 | 10.29 | 28.33 | 12.45 | 20.12 | 27.29 | 292.96 |
| 153 | 32.38 | 43.32 | 40.95 | 15.44 | 16.29 | 17.33 | 9.04  | 7.39  | 19.66 | 16.90 | 20.97 | 25.89 | 265.56 |
| 154 | 27.97 | 35.86 | 69.20 | 19.46 | 12.23 | 15.01 | 14.33 | 10.64 | 29.36 | 13.49 | 20.43 | 27.47 | 295.45 |
| 155 | 30.28 | 41.52 | 39.26 | 15.53 | 14.49 | 15.86 | 8.62  | 6.60  | 16.80 | 14.23 | 18.52 | 24.12 | 245.82 |
| 156 | 32.30 | 44.57 | 41.45 | 16.31 | 16.01 | 16.78 | 8.85  | 7.28  | 19.58 | 16.31 | 21.55 | 26.62 | 267.60 |
| 157 | 31.08 | 43.42 | 40.57 | 16.30 | 15.34 | 16.30 | 9.13  | 6.86  | 17.61 | 14.79 | 20.10 | 25.41 | 256.92 |
| 158 | 29.93 | 42.05 | 39.62 | 15.71 | 13.69 | 14.90 | 8.01  | 6.17  | 16.06 | 13.33 | 18.04 | 23.95 | 241.46 |
| 159 | 22.17 | 40.23 | 40.38 | 16.49 | 10.78 | 13.13 | 14.94 | 12.88 | 18.60 | 11.87 | 21.44 | 16.97 | 239.88 |
| 160 | 28.43 | 41.12 | 37.61 | 14.04 | 12.43 | 13.67 | 6.85  | 5.65  | 15.64 | 12.45 | 16.72 | 22.58 | 227.19 |
| 161 | 22.57 | 40.93 | 41.01 | 16.46 | 11.21 | 13.69 | 15.73 | 13.41 | 18.99 | 12.44 | 22.39 | 17.56 | 246.37 |
| 162 | 26.73 | 40.89 | 42.27 | 14.78 | 13.19 | 15.95 | 15.60 | 13.07 | 22.02 | 13.76 | 20.25 | 24.52 | 263.02 |
| 163 | 26.60 | 40.91 | 42.45 | 15.46 | 13.91 | 16.46 | 16.19 | 13.89 | 22.94 | 14.69 | 21.03 | 24.60 | 269.11 |
| 164 | 25.08 | 39.49 | 41.28 | 15.09 | 11.79 | 14.31 | 14.19 | 11.81 | 19.60 | 12.16 | 18.82 | 22.96 | 246.57 |
| 165 | 26.91 | 41.46 | 43.40 | 15.27 | 12.73 | 15.52 | 15.36 | 12.72 | 20.79 | 13.12 | 20.30 | 24.74 | 262.32 |
| 166 | 27.40 | 41.43 | 42.91 | 15.03 | 13.66 | 16.59 | 16.33 | 13.48 | 22.24 | 14.28 | 20.84 | 25.24 | 269.43 |
| 167 | 24.58 | 38.90 | 41.12 | 15.07 | 10.94 | 13.62 | 13.37 | 10.97 | 18.12 | 11.05 | 17.92 | 22.28 | 237.94 |
| 168 | 22.00 | 35.05 | 36.67 | 12.37 | 10.15 | 12.68 | 12.84 | 10.31 | 16.83 | 10.06 | 15.89 | 19.81 | 214.67 |
| 169 | 24.16 | 38.46 | 39.61 | 12.08 | 10.29 | 13.04 | 12.94 | 10.66 | 17.59 | 10.61 | 16.60 | 21.48 | 227.52 |
| 170 | 27.57 | 40.81 | 43.43 | 18.06 | 17.29 | 20.32 | 20.22 | 16.98 | 26.58 | 17.91 | 23.81 | 25.73 | 298.73 |
| 171 | 27.78 | 42.31 | 44.73 | 19.28 | 18.06 | 20.91 | 20.91 | 17.36 | 27.56 | 18.55 | 25.32 | 26.50 | 309.28 |
| 172 | 25.85 | 39.07 | 41.51 | 18.09 | 18.76 | 21.34 | 20.85 | 17.45 | 27.71 | 19.33 | 24.30 | 24.08 | 298.35 |
| 173 | 26.69 | 33.92 | 42.75 | 19.02 | 18.01 | 20.76 | 20.21 | 17.65 | 27.10 | 19.89 | 21.93 | 22.77 | 290.68 |
| 174 | 2.25  | 5.13  | 9.67  | 2.58  | 0.32  | 0.27  | 0.27  | 0.18  | 0.35  | 0.15  | 0.46  | 0.75  | 22.39  |
| 175 | 21.41 | 33.74 | 36.82 | 19.06 | 16.38 | 18.35 | 18.47 | 15.60 | 23.90 | 16.29 | 21.17 | 20.29 | 261.47 |
| 201 | 25.35 | 35.54 | 49.02 | 13.95 | 14.15 | 13.96 | 17.68 | 9.26  | 25.26 | 12.23 | 18.34 | 21.03 | 255.77 |
| 202 | 26.94 | 37.20 | 51.15 | 14.77 | 15.51 | 14.90 | 18.60 | 10.14 | 27.69 | 13.83 | 20.36 | 22.61 | 273.69 |
| 203 | 25.69 | 34.82 | 63.05 | 16.63 | 15.78 | 18.47 | 25.18 | 13.20 | 34.02 | 17.83 | 22.62 | 27.68 | 314.98 |
| 204 | 25.16 | 34.62 | 62.58 | 16.32 | 15.16 | 17.89 | 24.32 | 12.10 | 33.44 | 17.43 | 22.26 | 27.23 | 308.52 |
| 205 | 26.06 | 35.26 | 64.18 | 17.98 | 16.32 | 19.15 | 26.03 | 13.38 | 35.11 | 18.59 | 23.51 | 28.39 | 323.97 |
| 206 | 23.67 | 40.86 | 41.35 | 15.83 | 12.41 | 15.29 | 17.29 | 15.08 | 21.34 | 14.21 | 23.08 | 18.09 | 258.48 |
| 207 | 24.58 | 41.81 | 42.43 | 16.30 | 12.61 | 15.47 | 17.62 | 15.42 | 21.56 | 14.58 | 23.93 | 18.96 | 265.26 |
| 208 | 22.78 | 39.87 | 40.87 | 16.33 | 11.43 | 13.99 | 15.94 | 13.86 | 19.41 | 12.73 | 21.69 | 17.42 | 246.32 |
| 209 | 23.83 | 41.60 | 42.21 | 17.57 | 13.20 | 15.95 | 18.02 | 15.61 | 22.18 | 14.96 | 24.56 | 18.64 | 268.31 |
| 210 | 20.80 | 38.78 | 39.39 | 15.84 | 8.93  | 11.22 | 12.68 | 10.94 | 15.95 | 9.79  | 19.17 | 15.89 | 219.39 |
| 211 | 22.57 | 40.83 | 42.33 | 19.57 | 11.52 | 13.98 | 15.95 | 13.87 | 19.44 | 12.46 | 22.76 | 17.82 | 253.11 |
| 212 | 22.79 | 40.89 | 40.86 | 15.90 | 12.10 | 14.93 | 17.09 | 14.80 | 20.92 | 13.61 | 23.02 | 17.77 | 254.68 |
| 213 | 22.14 | 39.93 | 39.91 | 15.88 | 11.65 | 14.13 | 16.07 | 13.99 | 19.97 | 13.15 | 22.06 | 17.08 | 245.97 |
| 214 | 24.59 | 42.81 | 43.58 | 19.70 | 15.27 | 18.15 | 20.73 | 18.12 | 25.21 | 17.19 | 27.14 | 19.63 | 292.11 |
| 215 | 23.14 | 41.27 | 41.98 | 19.70 | 15.66 | 18.44 | 21.29 | 18.72 | 25.65 | 17.57 | 26.62 | 18.60 | 288.64 |
| 216 | 25.09 | 42.98 | 43.82 | 18.64 | 14.98 | 17.75 | 19.81 | 17.43 | 24.89 | 17.47 | 26.98 | 19.98 | 289.81 |
| 217 | 23.04 | 41.13 | 41.13 | 16.14 | 12.95 | 15.48 | 17.50 | 15.31 | 21.78 | 15.08 | 24.30 | 18.21 | 262.06 |
| 218 | 24.56 | 42.61 | 42.87 | 18.90 | 16.38 | 18.92 | 21.53 | 19.07 | 26.66 | 18.97 | 28.21 | 19.73 | 298.40 |
| 219 | 25.42 | 43.48 | 44.01 | 19.42 | 16.87 | 19.69 | 22.30 | 19.45 | 27.19 | 19.60 | 29.19 | 20.50 | 307.12 |
| 220 | 24.57 | 43.16 | 43.26 | 19.45 | 16.46 | 19.18 | 21.76 | 18.94 | 26.74 | 18.82 | 28.75 | 19.92 | 301.00 |
| 221 | 29.27 | 43.66 | 45.90 | 18.42 | 17.23 | 20.14 | 20.52 | 17.14 | 26.80 | 17.97 | 25.44 | 28.60 | 311.06 |
| 222 | 26.77 | 41.13 | 42.95 | 15.71 | 13.75 | 16.74 | 16.98 | 14.01 | 22.35 | 14.15 | 21.01 | 25.25 | 270.81 |
| 223 | 19.73 | 37.25 | 37.44 | 14.33 | 8.97  | 11.05 | 12.59 | 10.77 | 15.48 | 9.75  | 18.37 | 14.96 | 210.69 |
| 224 | 27.01 | 41.26 | 42.47 | 14.38 | 14.04 | 16.93 | 16.99 | 14.00 | 22.69 | 14.52 | 20.89 | 25.34 | 270.50 |

|     |       |       |        |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 225 | 28.66 | 43.24 | 45.31  | 16.42 | 14.30 | 17.41 | 17.77 | 14.62 | 22.82 | 14.73 | 22.25 | 27.53 | 285.06 |
| 226 | 27.11 | 39.03 | 43.10  | 20.91 | 21.02 | 23.40 | 22.49 | 19.23 | 30.17 | 22.15 | 26.39 | 25.33 | 320.33 |
| 227 | 29.81 | 40.30 | 45.97  | 18.39 | 18.37 | 21.16 | 20.61 | 17.44 | 26.70 | 19.31 | 23.70 | 25.94 | 307.72 |
| 228 | 22.71 | 40.38 | 41.33  | 17.19 | 12.02 | 14.59 | 16.68 | 14.66 | 20.49 | 13.53 | 22.67 | 17.72 | 253.98 |
| 229 | 24.65 | 42.85 | 43.09  | 18.10 | 14.26 | 17.14 | 19.32 | 16.76 | 23.74 | 16.19 | 25.84 | 19.35 | 281.28 |
| 230 | 21.64 | 39.36 | 38.61  | 13.73 | 11.15 | 13.65 | 15.38 | 13.49 | 19.65 | 13.06 | 21.48 | 16.68 | 237.89 |
| 231 | 23.22 | 41.49 | 41.74  | 17.05 | 12.79 | 15.46 | 17.60 | 15.22 | 21.51 | 14.49 | 24.17 | 18.21 | 262.95 |
| 232 | 24.05 | 41.85 | 42.10  | 16.64 | 13.29 | 16.20 | 18.43 | 16.20 | 22.78 | 15.22 | 24.45 | 18.73 | 269.94 |
| 233 | 29.17 | 43.11 | 44.80  | 18.26 | 18.78 | 21.76 | 21.74 | 17.75 | 27.73 | 19.25 | 25.67 | 27.68 | 315.69 |
| 234 | 24.78 | 42.40 | 42.93  | 18.69 | 15.55 | 18.51 | 20.70 | 17.92 | 25.34 | 17.65 | 26.36 | 19.26 | 290.10 |
| 235 | 23.96 | 42.05 | 41.52  | 16.47 | 14.63 | 17.47 | 20.08 | 17.35 | 24.28 | 16.81 | 26.04 | 18.80 | 279.45 |
| 236 | 29.62 | 43.57 | 46.58  | 21.86 | 21.43 | 24.24 | 24.26 | 20.59 | 31.90 | 22.27 | 29.23 | 29.69 | 345.25 |
| 237 | 24.42 | 42.28 | 42.72  | 18.74 | 15.75 | 18.82 | 21.28 | 18.58 | 25.94 | 17.82 | 26.86 | 19.35 | 292.54 |
| 238 | 27.74 | 38.85 | 54.15  | 18.78 | 17.97 | 17.31 | 21.63 | 11.94 | 30.28 | 15.62 | 23.19 | 24.28 | 301.74 |
| 239 | 24.34 | 42.02 | 42.47  | 18.20 | 15.42 | 18.40 | 20.62 | 18.11 | 25.61 | 17.77 | 26.39 | 19.19 | 288.54 |
| 240 | 25.18 | 37.94 | 42.13  | 19.16 | 15.81 | 18.35 | 17.89 | 15.79 | 25.09 | 16.69 | 22.51 | 24.07 | 280.61 |
| 241 | 29.61 | 43.87 | 46.97  | 22.02 | 20.69 | 23.64 | 24.06 | 20.12 | 30.92 | 21.46 | 28.84 | 29.82 | 342.01 |
| 242 | 28.94 | 39.86 | 54.51  | 16.83 | 18.12 | 17.41 | 21.82 | 11.80 | 30.88 | 16.04 | 23.45 | 24.83 | 304.49 |
| 243 | 27.47 | 38.20 | 53.75  | 21.35 | 21.50 | 20.18 | 24.80 | 14.57 | 34.04 | 18.93 | 26.64 | 25.02 | 326.46 |
| 244 | 27.29 | 38.43 | 54.71  | 20.41 | 17.41 | 16.85 | 21.23 | 11.86 | 29.24 | 14.77 | 22.50 | 23.92 | 298.62 |
| 245 | 28.39 | 39.44 | 55.76  | 21.26 | 18.74 | 17.90 | 22.33 | 12.57 | 30.89 | 16.02 | 24.22 | 25.31 | 312.85 |
| 246 | 27.67 | 38.89 | 54.59  | 19.26 | 16.74 | 16.23 | 20.38 | 10.99 | 28.76 | 14.22 | 22.01 | 24.08 | 293.84 |
| 247 | 27.22 | 38.21 | 54.64  | 22.76 | 20.09 | 19.06 | 23.56 | 13.58 | 31.90 | 17.18 | 25.34 | 24.91 | 318.46 |
| 301 | 29.88 | 34.09 | 97.04  | 28.88 | 21.65 | 23.52 | 23.27 | 20.70 | 41.61 | 25.31 | 29.42 | 25.11 | 400.47 |
| 302 | 29.48 | 33.46 | 95.68  | 28.44 | 20.04 | 21.96 | 21.94 | 19.38 | 39.61 | 23.55 | 27.67 | 24.46 | 385.69 |
| 303 | 28.67 | 33.04 | 94.89  | 28.01 | 18.95 | 20.65 | 20.78 | 18.33 | 38.14 | 22.21 | 26.75 | 23.70 | 374.14 |
| 304 | 31.31 | 39.14 | 100.60 | 26.94 | 15.43 | 19.84 | 18.91 | 11.94 | 31.09 | 14.58 | 23.82 | 24.82 | 358.45 |
| 305 | 31.40 | 39.83 | 101.38 | 25.55 | 15.56 | 20.15 | 19.42 | 11.88 | 31.33 | 14.39 | 24.64 | 25.32 | 360.86 |
| 306 | 31.55 | 38.96 | 99.76  | 26.16 | 15.95 | 20.73 | 19.72 | 12.35 | 31.76 | 15.30 | 23.82 | 24.85 | 360.93 |
| 307 | 31.43 | 39.87 | 101.56 | 25.82 | 16.32 | 20.95 | 20.07 | 12.50 | 32.43 | 15.10 | 25.01 | 25.30 | 366.36 |
| 308 | 25.78 | 41.83 | 69.71  | 21.22 | 19.94 | 19.19 | 25.56 | 15.35 | 37.45 | 22.47 | 28.82 | 25.64 | 352.95 |
| 309 | 30.74 | 39.38 | 101.60 | 27.31 | 15.53 | 19.87 | 19.25 | 11.67 | 30.87 | 14.00 | 24.76 | 24.74 | 359.72 |
| 310 | 26.38 | 41.11 | 69.95  | 19.16 | 16.92 | 17.11 | 22.90 | 13.35 | 33.93 | 20.20 | 25.98 | 24.90 | 331.88 |
| 311 | 26.15 | 40.45 | 69.25  | 18.90 | 16.64 | 16.97 | 22.75 | 13.26 | 33.58 | 20.06 | 25.29 | 24.32 | 327.62 |
| 312 | 23.43 | 40.19 | 69.03  | 20.71 | 12.41 | 12.50 | 18.20 | 9.64  | 25.82 | 13.28 | 20.97 | 23.10 | 289.27 |
| 313 | 24.75 | 40.16 | 69.02  | 18.65 | 11.54 | 12.22 | 17.59 | 9.27  | 25.89 | 13.46 | 20.69 | 24.30 | 287.54 |
| 314 | 19.80 | 35.87 | 62.13  | 17.00 | 9.47  | 9.19  | 14.30 | 7.09  | 19.88 | 9.33  | 16.14 | 19.05 | 239.24 |
| 315 | 21.58 | 38.32 | 66.60  | 22.39 | 13.27 | 12.70 | 18.50 | 10.35 | 25.80 | 13.37 | 20.22 | 21.46 | 284.56 |
| 316 | 23.06 | 39.42 | 66.70  | 19.54 | 14.86 | 14.56 | 20.39 | 11.67 | 29.55 | 16.58 | 23.12 | 22.62 | 302.06 |
| 317 | 23.44 | 40.11 | 68.63  | 22.56 | 15.43 | 14.70 | 20.71 | 11.85 | 29.43 | 16.11 | 23.42 | 23.73 | 310.11 |
| 318 | 21.34 | 37.59 | 63.80  | 16.09 | 11.67 | 11.72 | 16.90 | 9.05  | 24.76 | 13.26 | 19.54 | 20.55 | 266.25 |
| 319 | 23.77 | 40.36 | 68.86  | 20.29 | 12.28 | 12.33 | 18.05 | 9.87  | 25.90 | 13.25 | 21.03 | 23.98 | 290.00 |
| 320 | 31.61 | 40.02 | 101.77 | 25.81 | 16.13 | 20.72 | 19.79 | 12.36 | 32.26 | 15.01 | 24.94 | 25.41 | 365.84 |
| 321 | 32.36 | 40.88 | 103.88 | 28.32 | 18.13 | 22.68 | 21.60 | 13.72 | 34.06 | 16.65 | 27.38 | 26.66 | 386.31 |
| 322 | 31.29 | 39.64 | 101.77 | 27.61 | 15.60 | 19.69 | 19.02 | 11.74 | 30.06 | 14.00 | 24.72 | 25.14 | 360.28 |
| 323 | 26.32 | 41.52 | 70.24  | 19.15 | 16.79 | 16.97 | 22.91 | 13.36 | 33.87 | 19.89 | 26.11 | 25.16 | 332.28 |
| 324 | 26.97 | 42.28 | 70.94  | 20.59 | 18.39 | 18.31 | 24.23 | 14.39 | 36.32 | 21.96 | 28.05 | 26.18 | 348.61 |
| 325 | 24.87 | 40.68 | 69.15  | 18.51 | 13.75 | 14.19 | 19.84 | 10.93 | 29.19 | 15.80 | 22.70 | 23.99 | 303.59 |
| 326 | 26.61 | 37.00 | 51.46  | 15.37 | 16.39 | 15.88 | 19.94 | 10.87 | 27.82 | 14.26 | 20.55 | 22.10 | 278.27 |
| 327 | 25.82 | 40.83 | 68.61  | 19.80 | 19.23 | 19.11 | 25.03 | 15.16 | 36.82 | 22.92 | 28.20 | 24.97 | 346.51 |
| 328 | 25.62 | 41.34 | 69.32  | 18.66 | 16.76 | 17.00 | 23.21 | 13.54 | 33.04 | 19.37 | 25.89 | 24.59 | 328.36 |

|     |       |       |        |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 329 | 25.69 | 41.28 | 69.55  | 18.67 | 15.67 | 16.05 | 21.85 | 12.75 | 32.67 | 18.68 | 24.85 | 24.66 | 322.35 |
| 330 | 24.90 | 40.50 | 68.59  | 17.27 | 12.26 | 13.02 | 18.67 | 10.27 | 26.94 | 14.26 | 21.32 | 24.26 | 292.27 |
| 331 | 24.88 | 40.23 | 68.68  | 17.78 | 11.52 | 12.28 | 17.67 | 9.54  | 26.02 | 13.58 | 20.55 | 24.09 | 286.82 |
| 332 | 22.28 | 38.50 | 65.59  | 16.60 | 10.59 | 11.15 | 16.55 | 8.91  | 23.78 | 11.97 | 18.74 | 22.00 | 266.65 |
| 333 | 19.28 | 36.18 | 63.20  | 16.05 | 7.29  | 7.96  | 12.86 | 6.11  | 18.34 | 8.29  | 14.83 | 18.07 | 228.45 |
| 334 | 25.77 | 42.36 | 71.10  | 20.46 | 16.05 | 16.25 | 22.73 | 12.94 | 32.89 | 18.35 | 25.99 | 25.39 | 330.29 |
| 335 | 25.77 | 42.16 | 70.36  | 19.69 | 16.67 | 16.83 | 23.21 | 13.30 | 33.18 | 19.11 | 26.48 | 25.49 | 332.25 |
| 336 | 24.40 | 40.82 | 69.28  | 19.44 | 13.86 | 14.34 | 20.43 | 11.41 | 28.99 | 15.92 | 23.28 | 23.69 | 305.86 |
| 337 | 15.03 | 30.78 | 55.55  | 15.01 | 7.58  | 7.75  | 11.97 | 6.27  | 16.39 | 8.22  | 12.96 | 14.00 | 201.52 |
| 401 | 12.91 | 29.63 | 56.17  | 26.03 | 10.78 | 10.65 | 7.78  | 6.59  | 8.44  | 5.41  | 15.24 | 12.19 | 201.81 |
| 402 | 12.35 | 28.29 | 54.33  | 25.78 | 10.50 | 10.53 | 7.69  | 6.56  | 8.10  | 5.17  | 14.64 | 11.68 | 195.62 |
| 403 | 13.25 | 30.22 | 56.49  | 26.30 | 11.04 | 10.59 | 7.81  | 6.35  | 8.39  | 5.59  | 15.70 | 12.31 | 204.04 |
| 404 | 14.62 | 32.56 | 60.14  | 27.76 | 13.35 | 13.34 | 10.15 | 8.66  | 11.01 | 7.46  | 18.23 | 14.13 | 231.42 |
| 405 | 14.00 | 32.49 | 60.50  | 25.43 | 9.88  | 10.05 | 7.23  | 5.66  | 8.14  | 5.09  | 15.27 | 12.80 | 206.54 |
| 406 | 8.62  | 20.05 | 86.64  | 30.63 | 7.41  | 5.50  | 5.81  | 11.17 | 11.16 | 6.14  | 23.03 | 10.73 | 226.88 |
| 407 | 14.37 | 31.49 | 47.52  | 18.20 | 9.65  | 9.00  | 7.55  | 7.32  | 8.79  | 4.99  | 11.59 | 13.71 | 184.17 |
| 408 | 13.11 | 29.90 | 45.90  | 17.62 | 8.36  | 7.51  | 6.38  | 6.40  | 7.91  | 4.09  | 10.09 | 12.54 | 169.79 |
| 409 | 16.08 | 34.21 | 51.94  | 21.84 | 11.80 | 11.02 | 9.62  | 9.54  | 11.07 | 6.21  | 14.00 | 16.03 | 213.36 |
| 410 | 15.33 | 32.67 | 49.15  | 19.87 | 10.92 | 10.27 | 8.76  | 8.88  | 10.35 | 5.93  | 13.22 | 14.92 | 200.27 |
| 411 | 13.68 | 30.32 | 46.32  | 18.37 | 9.08  | 8.39  | 7.21  | 7.01  | 8.43  | 4.60  | 11.10 | 13.24 | 177.76 |
| 412 | 13.73 | 30.08 | 46.66  | 18.67 | 8.69  | 8.01  | 6.48  | 7.12  | 7.86  | 4.16  | 10.23 | 12.77 | 174.45 |
| 413 | 11.54 | 24.69 | 100.42 | 42.17 | 12.13 | 9.41  | 9.79  | 16.78 | 17.37 | 10.14 | 33.38 | 14.66 | 302.48 |
| 414 | 10.22 | 22.58 | 96.12  | 39.74 | 10.41 | 7.64  | 7.95  | 13.71 | 14.10 | 8.12  | 28.68 | 12.63 | 271.92 |
| 415 | 10.34 | 22.94 | 96.46  | 38.25 | 9.10  | 6.62  | 6.87  | 12.69 | 13.05 | 7.42  | 28.52 | 12.84 | 265.09 |
| 416 | 9.82  | 21.57 | 94.14  | 40.55 | 8.02  | 5.24  | 5.16  | 10.15 | 10.49 | 5.82  | 25.95 | 11.85 | 248.73 |
| 417 | 9.80  | 21.77 | 94.32  | 39.51 | 9.10  | 6.01  | 6.08  | 11.24 | 11.57 | 6.52  | 26.67 | 11.96 | 254.55 |
| 418 | 16.28 | 34.81 | 53.52  | 22.79 | 10.75 | 9.16  | 7.54  | 8.36  | 9.53  | 5.04  | 12.69 | 15.16 | 205.61 |
| 419 | 12.46 | 22.43 | 106.42 | 35.95 | 8.36  | 6.72  | 7.21  | 10.18 | 11.91 | 8.87  | 23.53 | 14.77 | 268.82 |
| 420 | 14.98 | 31.81 | 48.89  | 20.86 | 10.21 | 8.80  | 7.26  | 7.86  | 8.98  | 5.15  | 12.25 | 13.83 | 190.89 |
| 421 | 12.26 | 21.52 | 102.09 | 34.73 | 7.35  | 6.00  | 6.47  | 9.64  | 10.93 | 8.05  | 22.48 | 14.56 | 256.08 |
| 422 | 9.75  | 21.51 | 93.25  | 39.26 | 8.44  | 5.79  | 5.69  | 10.78 | 11.11 | 6.24  | 26.47 | 12.02 | 250.31 |
| 423 | 10.50 | 23.56 | 97.84  | 38.96 | 11.28 | 8.74  | 9.10  | 15.48 | 16.08 | 9.41  | 31.20 | 13.39 | 285.54 |
| 424 | 10.49 | 23.73 | 99.03  | 45.26 | 23.67 | 17.94 | 19.80 | 27.31 | 26.91 | 16.67 | 37.59 | 13.70 | 362.09 |
| 425 | 10.51 | 23.10 | 96.91  | 40.55 | 10.06 | 7.14  | 7.35  | 13.33 | 13.65 | 7.74  | 29.51 | 13.17 | 273.01 |
| 426 | 11.53 | 24.83 | 101.41 | 41.69 | 11.10 | 8.46  | 8.66  | 15.19 | 15.93 | 9.33  | 32.93 | 14.64 | 295.69 |
| 427 | 10.37 | 22.19 | 95.17  | 40.79 | 9.64  | 6.63  | 6.77  | 12.32 | 12.58 | 7.12  | 27.80 | 12.66 | 264.04 |
| 428 | 11.23 | 24.39 | 100.29 | 40.85 | 10.81 | 8.50  | 8.86  | 15.47 | 15.92 | 9.20  | 31.87 | 14.13 | 291.54 |
| 429 | 11.56 | 25.22 | 101.92 | 41.41 | 14.06 | 11.15 | 11.72 | 18.88 | 19.56 | 11.69 | 34.70 | 14.88 | 316.76 |
| 430 | 11.52 | 24.94 | 99.67  | 39.63 | 15.04 | 12.40 | 13.00 | 20.23 | 21.18 | 12.99 | 34.92 | 14.83 | 320.35 |
| 431 | 20.75 | 24.31 | 106.20 | 41.16 | 14.20 | 15.99 | 16.11 | 13.66 | 30.63 | 17.26 | 21.57 | 17.63 | 339.47 |
| 432 | 14.97 | 24.50 | 111.93 | 42.01 | 11.13 | 9.84  | 10.62 | 14.78 | 16.73 | 12.27 | 28.23 | 17.91 | 314.92 |
| 433 | 13.45 | 23.85 | 109.70 | 37.50 | 10.22 | 8.61  | 9.42  | 12.85 | 14.71 | 11.05 | 26.82 | 16.42 | 294.61 |
| 434 | 14.45 | 24.66 | 111.74 | 37.54 | 11.00 | 9.83  | 10.74 | 14.64 | 16.36 | 12.21 | 28.20 | 17.57 | 308.93 |
| 435 | 13.71 | 22.68 | 102.76 | 36.20 | 11.09 | 10.17 | 11.13 | 15.15 | 16.84 | 12.40 | 25.74 | 16.59 | 294.45 |
| 436 | 14.39 | 24.50 | 112.02 | 39.38 | 9.46  | 7.88  | 8.62  | 12.44 | 14.03 | 10.43 | 27.21 | 17.40 | 297.78 |
| 437 | 22.70 | 38.38 | 129.70 | 59.83 | 17.43 | 13.63 | 7.36  | 13.91 | 20.96 | 11.49 | 24.56 | 27.68 | 387.63 |
| 438 | 21.21 | 40.85 | 104.42 | 40.80 | 13.53 | 9.58  | 5.21  | 8.32  | 14.94 | 5.66  | 13.90 | 18.07 | 296.47 |
| 439 | 16.56 | 35.39 | 54.01  | 24.05 | 12.27 | 10.17 | 8.86  | 8.98  | 10.64 | 6.21  | 14.50 | 15.53 | 217.17 |
| 440 | 23.31 | 43.54 | 109.16 | 43.60 | 15.01 | 11.00 | 6.26  | 9.83  | 16.92 | 6.88  | 15.96 | 20.21 | 321.69 |
| 441 | 19.44 | 37.96 | 97.33  | 35.25 | 11.15 | 8.57  | 4.61  | 7.35  | 13.48 | 5.00  | 12.14 | 16.07 | 268.34 |
| 442 | 23.65 | 43.39 | 108.24 | 44.12 | 14.35 | 10.87 | 5.98  | 9.47  | 16.44 | 6.56  | 15.57 | 20.38 | 319.02 |

|     |       |       |        |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 443 | 21.32 | 37.22 | 128.57 | 58.69 | 16.07 | 12.02 | 6.16  | 12.05 | 18.61 | 9.38  | 22.72 | 26.17 | 368.98 |
| 444 | 14.74 | 28.04 | 107.18 | 45.69 | 10.68 | 7.79  | 3.73  | 7.48  | 12.38 | 5.33  | 14.01 | 17.18 | 274.23 |
| 445 | 27.12 | 48.99 | 118.44 | 48.91 | 18.05 | 13.87 | 8.16  | 12.83 | 20.88 | 8.91  | 20.49 | 24.60 | 371.26 |
| 446 | 23.31 | 44.23 | 110.62 | 42.96 | 14.48 | 10.63 | 5.95  | 9.62  | 16.75 | 6.45  | 15.88 | 20.06 | 320.94 |
| 447 | 26.69 | 47.19 | 96.83  | 35.52 | 11.49 | 9.69  | 4.37  | 6.96  | 14.84 | 6.65  | 14.99 | 23.10 | 298.32 |
| 448 | 22.25 | 38.37 | 129.26 | 57.18 | 19.79 | 16.38 | 9.26  | 17.51 | 24.95 | 14.60 | 27.02 | 27.56 | 404.13 |
| 449 | 21.23 | 35.93 | 120.25 | 57.28 | 22.60 | 19.61 | 11.44 | 20.79 | 27.51 | 18.17 | 27.31 | 25.88 | 408.01 |
| 450 | 19.83 | 24.63 | 106.86 | 35.61 | 15.41 | 17.42 | 17.57 | 15.01 | 32.86 | 18.54 | 22.16 | 17.25 | 343.14 |
| 451 | 20.11 | 25.08 | 108.43 | 35.72 | 16.67 | 18.66 | 18.73 | 16.17 | 34.59 | 19.88 | 23.32 | 17.57 | 354.92 |
| 452 | 21.55 | 37.08 | 123.88 | 57.21 | 21.89 | 18.95 | 10.95 | 20.56 | 27.22 | 17.12 | 27.61 | 26.81 | 410.82 |
| 453 | 18.23 | 33.73 | 75.74  | 22.00 | 11.56 | 11.69 | 17.35 | 8.96  | 23.63 | 11.18 | 17.54 | 16.79 | 268.40 |
| 454 | 19.17 | 34.31 | 120.94 | 56.15 | 14.63 | 11.42 | 5.52  | 11.27 | 16.82 | 8.19  | 19.95 | 23.62 | 341.97 |
| 455 | 21.39 | 37.36 | 127.73 | 57.84 | 18.03 | 14.56 | 7.82  | 14.99 | 21.76 | 11.95 | 24.77 | 26.78 | 384.98 |
| 456 | 26.54 | 46.26 | 95.41  | 36.94 | 12.16 | 10.39 | 4.67  | 7.62  | 15.05 | 6.73  | 14.82 | 23.17 | 299.76 |
| 457 | 27.42 | 48.17 | 97.94  | 35.16 | 12.38 | 10.53 | 5.02  | 7.82  | 15.85 | 7.28  | 15.60 | 23.80 | 306.98 |
| 458 | 28.55 | 49.79 | 101.52 | 38.30 | 12.35 | 10.06 | 4.53  | 7.27  | 16.03 | 7.07  | 15.78 | 25.08 | 316.34 |
| 459 | 29.52 | 50.48 | 101.44 | 38.00 | 15.24 | 12.65 | 6.53  | 10.20 | 19.75 | 9.71  | 18.61 | 26.31 | 338.44 |
| 460 | 18.75 | 40.71 | 113.40 | 35.40 | 11.46 | 10.24 | 4.48  | 8.27  | 13.55 | 6.52  | 16.38 | 21.08 | 300.22 |
| 461 | 26.90 | 51.02 | 76.39  | 24.48 | 12.89 | 13.97 | 6.47  | 13.03 | 18.43 | 9.54  | 16.73 | 24.35 | 294.20 |
| 462 | 29.68 | 50.34 | 100.94 | 37.64 | 15.23 | 13.57 | 6.97  | 11.03 | 20.52 | 10.67 | 19.18 | 26.08 | 341.87 |
| 463 | 24.48 | 48.18 | 72.62  | 25.70 | 13.40 | 14.53 | 7.39  | 13.88 | 19.64 | 10.47 | 16.66 | 22.33 | 289.27 |
| 501 | 23.05 | 48.14 | 131.14 | 40.40 | 18.08 | 17.37 | 9.11  | 15.24 | 22.91 | 12.60 | 23.35 | 26.89 | 388.29 |
| 502 | 14.00 | 36.84 | 105.88 | 27.19 | 8.56  | 7.62  | 3.10  | 5.84  | 9.76  | 4.19  | 11.03 | 14.80 | 248.82 |
| 503 | 19.76 | 45.42 | 127.04 | 37.49 | 15.37 | 14.36 | 7.64  | 12.50 | 18.90 | 10.17 | 19.42 | 22.60 | 350.67 |
| 504 | 11.58 | 33.53 | 98.31  | 21.91 | 6.84  | 6.63  | 2.68  | 5.12  | 8.50  | 3.55  | 8.59  | 11.80 | 219.01 |
| 505 | 16.59 | 40.68 | 114.73 | 30.19 | 10.52 | 9.50  | 4.03  | 7.72  | 12.44 | 5.48  | 13.91 | 18.14 | 283.93 |
| 506 | 21.50 | 47.14 | 130.50 | 40.14 | 15.91 | 14.74 | 7.37  | 12.59 | 19.30 | 10.10 | 20.70 | 24.48 | 364.47 |
| 507 | 20.96 | 45.47 | 126.51 | 40.37 | 15.07 | 13.83 | 6.65  | 11.80 | 17.90 | 9.01  | 19.60 | 23.89 | 351.05 |
| 508 | 26.21 | 48.81 | 73.03  | 25.68 | 14.83 | 16.53 | 8.26  | 15.93 | 21.53 | 11.17 | 18.15 | 23.77 | 303.90 |
| 609 | 34.97 | 67.02 | 103.15 | 29.60 | 22.19 | 21.01 | 11.78 | 18.95 | 26.82 | 16.57 | 28.20 | 36.01 | 416.27 |
| 610 | 35.79 | 67.39 | 102.37 | 27.05 | 23.07 | 22.15 | 12.48 | 19.65 | 27.94 | 17.78 | 29.90 | 37.37 | 422.93 |
| 611 | 35.57 | 65.33 | 101.21 | 29.34 | 25.58 | 24.99 | 14.64 | 23.24 | 31.06 | 20.65 | 31.04 | 37.74 | 440.41 |
| 612 | 35.73 | 67.23 | 102.46 | 27.37 | 23.56 | 22.57 | 13.02 | 20.98 | 29.09 | 18.28 | 30.23 | 37.38 | 427.93 |
| 608 | 35.40 | 66.26 | 101.74 | 26.78 | 20.21 | 19.52 | 10.08 | 16.93 | 24.48 | 15.12 | 27.13 | 36.66 | 400.31 |
| 607 | 37.73 | 69.45 | 106.65 | 31.80 | 22.98 | 21.71 | 11.66 | 18.28 | 26.82 | 16.93 | 31.35 | 39.90 | 435.26 |
| 601 | 37.68 | 67.96 | 103.91 | 33.15 | 34.31 | 32.40 | 20.50 | 30.12 | 41.19 | 29.34 | 40.13 | 41.46 | 512.14 |
| 602 | 39.56 | 70.69 | 108.56 | 37.48 | 40.38 | 38.20 | 24.87 | 34.93 | 48.44 | 35.60 | 45.72 | 44.18 | 568.61 |
| 603 | 39.81 | 70.96 | 109.49 | 40.59 | 38.05 | 35.95 | 23.45 | 33.63 | 46.60 | 32.89 | 44.66 | 44.78 | 560.85 |
| 604 | 39.49 | 70.35 | 108.70 | 39.73 | 35.41 | 33.61 | 21.39 | 32.11 | 44.03 | 30.52 | 42.00 | 44.26 | 541.61 |
| 605 | 37.98 | 68.29 | 105.40 | 34.70 | 35.82 | 34.34 | 21.76 | 32.02 | 43.04 | 31.02 | 40.52 | 41.93 | 526.82 |
| 606 | 39.68 | 71.18 | 108.49 | 36.58 | 39.60 | 37.14 | 24.13 | 33.57 | 47.37 | 34.16 | 45.13 | 43.72 | 560.75 |
| 613 | 39.33 | 71.10 | 109.96 | 39.25 | 28.89 | 25.43 | 12.66 | 17.23 | 26.44 | 19.88 | 37.56 | 42.75 | 470.49 |
| 614 | 39.37 | 70.16 | 107.86 | 35.75 | 35.34 | 33.38 | 20.58 | 30.44 | 42.13 | 30.18 | 41.64 | 43.61 | 530.43 |
| 615 | 39.57 | 70.93 | 109.37 | 39.29 | 36.52 | 33.57 | 19.27 | 26.98 | 38.32 | 28.88 | 42.47 | 44.34 | 529.50 |
| 616 | 33.89 | 64.77 | 99.40  | 26.87 | 23.35 | 22.55 | 12.77 | 20.67 | 28.09 | 18.16 | 28.32 | 35.52 | 414.37 |
| 618 | 36.49 | 67.58 | 103.04 | 28.14 | 24.01 | 22.91 | 12.98 | 21.51 | 30.05 | 19.02 | 31.01 | 38.60 | 435.33 |
| 624 | 39.36 | 70.82 | 107.15 | 29.40 | 26.01 | 24.71 | 13.93 | 21.61 | 31.58 | 20.71 | 34.90 | 42.10 | 462.27 |
| 617 | 35.45 | 66.72 | 102.43 | 28.52 | 22.29 | 21.16 | 11.40 | 19.07 | 26.75 | 16.82 | 28.74 | 37.23 | 416.57 |
| 619 | 37.15 | 67.34 | 103.81 | 32.45 | 30.22 | 28.92 | 17.31 | 27.37 | 36.79 | 25.06 | 35.52 | 40.36 | 482.31 |
| 620 | 34.88 | 65.53 | 100.38 | 28.14 | 25.33 | 24.43 | 14.01 | 22.37 | 30.49 | 19.94 | 30.49 | 36.98 | 432.96 |
| 621 | 39.38 | 70.20 | 107.57 | 34.78 | 32.20 | 30.22 | 17.27 | 25.50 | 36.62 | 26.24 | 39.07 | 43.50 | 502.55 |

|     |       |       |        |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 622 | 39.73 | 70.54 | 107.58 | 33.74 | 33.11 | 31.07 | 18.23 | 27.50 | 39.08 | 27.57 | 40.01 | 43.69 | 511.85 |
| 623 | 38.50 | 68.27 | 104.68 | 31.04 | 31.91 | 30.52 | 18.13 | 28.45 | 39.49 | 27.55 | 37.30 | 41.50 | 497.34 |
| 625 | 36.45 | 67.94 | 103.04 | 28.42 | 25.27 | 24.23 | 14.12 | 22.55 | 31.56 | 19.82 | 31.77 | 38.45 | 443.63 |
| 626 | 39.19 | 70.22 | 107.34 | 33.49 | 34.06 | 32.23 | 20.11 | 29.79 | 40.52 | 28.69 | 40.68 | 43.15 | 519.45 |
| 627 | 39.03 | 70.03 | 107.26 | 33.33 | 34.28 | 32.72 | 20.73 | 30.33 | 40.65 | 29.08 | 40.81 | 42.94 | 521.19 |
| 628 | 37.24 | 68.19 | 103.84 | 29.93 | 27.75 | 26.67 | 15.80 | 25.12 | 34.88 | 22.54 | 33.89 | 39.86 | 465.71 |
| 629 | 39.34 | 71.12 | 108.22 | 34.50 | 30.10 | 27.35 | 14.54 | 22.75 | 32.94 | 22.03 | 36.86 | 42.26 | 482.01 |
| 630 | 37.30 | 67.74 | 103.27 | 29.48 | 28.46 | 27.49 | 16.36 | 26.48 | 36.37 | 23.30 | 34.07 | 39.96 | 470.29 |
| 631 | 38.76 | 70.66 | 106.03 | 29.70 | 28.35 | 25.90 | 14.56 | 24.92 | 35.02 | 21.88 | 35.32 | 40.88 | 471.99 |
| 632 | 36.86 | 68.37 | 103.08 | 26.95 | 25.60 | 24.64 | 14.23 | 22.30 | 31.88 | 20.25 | 32.11 | 38.67 | 444.96 |
| 633 | 37.93 | 68.77 | 105.70 | 33.07 | 32.23 | 30.67 | 18.66 | 27.85 | 37.37 | 26.42 | 38.17 | 41.58 | 498.40 |
| 634 | 38.93 | 70.21 | 107.07 | 34.67 | 33.91 | 31.53 | 18.63 | 26.80 | 38.48 | 26.99 | 40.22 | 42.65 | 510.08 |
| 635 | 36.60 | 67.53 | 103.10 | 29.39 | 28.09 | 27.18 | 16.10 | 25.06 | 34.44 | 22.67 | 33.50 | 39.15 | 462.82 |
| 636 | 36.07 | 67.79 | 102.53 | 26.37 | 22.74 | 22.00 | 12.26 | 19.59 | 28.16 | 17.32 | 29.53 | 37.55 | 421.90 |
| 637 | 42.03 | 56.31 | 67.61  | 26.37 | 25.91 | 27.04 | 13.62 | 23.00 | 31.35 | 20.01 | 32.27 | 35.00 | 400.52 |
| 638 | 38.11 | 68.63 | 104.77 | 32.30 | 31.54 | 30.35 | 18.35 | 27.95 | 38.82 | 26.43 | 37.16 | 41.47 | 495.87 |
| 639 | 38.59 | 53.15 | 61.22  | 17.72 | 15.88 | 17.28 | 8.17  | 16.68 | 22.51 | 12.25 | 21.41 | 31.05 | 315.91 |
| 640 | 43.25 | 57.70 | 68.38  | 26.10 | 25.24 | 26.83 | 13.73 | 23.54 | 31.01 | 19.71 | 32.80 | 36.66 | 404.96 |
| 641 | 44.00 | 57.10 | 69.36  | 27.39 | 29.14 | 30.66 | 16.83 | 29.02 | 38.34 | 25.76 | 35.92 | 38.24 | 441.75 |
| 642 | 42.85 | 57.20 | 70.64  | 28.41 | 19.55 | 19.24 | 5.58  | 9.92  | 15.43 | 10.53 | 28.51 | 36.95 | 344.82 |
| 643 | 42.43 | 55.28 | 66.22  | 23.45 | 24.76 | 26.83 | 14.25 | 26.33 | 34.50 | 21.38 | 30.54 | 35.92 | 401.88 |
| 650 | 22.92 | 49.49 | 76.28  | 16.30 | 8.39  | 7.52  | 2.82  | 5.78  | 9.47  | 4.32  | 12.32 | 21.10 | 236.72 |
| 651 | 30.28 | 42.34 | 49.15  | 13.46 | 11.75 | 12.88 | 5.77  | 12.54 | 16.83 | 8.91  | 16.17 | 24.20 | 244.28 |
| 644 | 43.94 | 57.92 | 69.31  | 26.06 | 25.07 | 26.35 | 13.51 | 23.49 | 31.55 | 20.40 | 33.11 | 38.04 | 408.77 |
| 645 | 41.32 | 53.81 | 64.75  | 21.81 | 22.25 | 24.56 | 12.79 | 24.24 | 31.39 | 18.63 | 27.33 | 34.31 | 377.19 |
| 646 | 42.58 | 56.26 | 64.23  | 20.04 | 21.43 | 22.68 | 11.96 | 25.44 | 33.24 | 18.28 | 28.43 | 35.36 | 379.93 |
| 647 | 42.40 | 55.59 | 66.37  | 23.46 | 23.82 | 25.74 | 13.51 | 24.90 | 32.97 | 20.28 | 29.92 | 35.75 | 394.71 |
| 648 | 42.08 | 55.53 | 66.05  | 22.61 | 21.80 | 23.23 | 11.90 | 23.24 | 30.94 | 18.38 | 28.00 | 35.12 | 378.88 |
| 649 | 43.32 | 57.36 | 64.92  | 20.54 | 21.77 | 23.36 | 12.47 | 26.00 | 34.24 | 18.53 | 28.80 | 35.12 | 386.44 |
| 652 | 37.75 | 52.18 | 60.48  | 17.74 | 15.11 | 16.61 | 7.65  | 16.15 | 21.70 | 11.31 | 20.17 | 29.83 | 306.70 |
| 653 | 40.39 | 53.36 | 63.09  | 19.69 | 19.58 | 22.03 | 11.05 | 22.21 | 28.42 | 15.62 | 24.72 | 33.21 | 353.34 |
| 654 | 39.46 | 53.79 | 62.60  | 19.08 | 16.28 | 17.91 | 8.45  | 17.54 | 23.38 | 12.44 | 22.10 | 31.87 | 324.90 |
| 655 | 44.33 | 58.68 | 66.39  | 22.14 | 24.03 | 25.42 | 14.12 | 27.41 | 36.67 | 20.75 | 31.59 | 36.47 | 408.00 |
| 656 | 39.65 | 53.62 | 62.96  | 19.93 | 17.56 | 19.31 | 9.39  | 19.06 | 25.02 | 13.63 | 23.09 | 32.42 | 335.65 |
| 657 | 43.51 | 58.09 | 69.18  | 27.11 | 26.56 | 27.49 | 14.58 | 24.20 | 33.24 | 21.80 | 34.35 | 36.95 | 417.06 |
| 658 | 43.52 | 57.55 | 68.26  | 27.08 | 31.12 | 33.20 | 19.22 | 31.88 | 42.41 | 27.13 | 37.73 | 36.89 | 456.00 |
| 659 | 42.37 | 56.82 | 68.00  | 26.15 | 24.91 | 25.99 | 13.30 | 22.61 | 30.94 | 19.64 | 31.86 | 35.69 | 398.27 |
| 660 | 40.13 | 54.51 | 62.75  | 19.02 | 17.68 | 19.53 | 9.51  | 19.28 | 25.64 | 13.85 | 23.51 | 32.40 | 337.83 |
| 661 | 41.31 | 55.67 | 65.40  | 25.58 | 29.18 | 30.91 | 17.81 | 29.13 | 39.70 | 24.59 | 35.18 | 33.83 | 428.28 |
| 662 | 39.84 | 54.06 | 62.29  | 18.63 | 17.39 | 19.42 | 9.39  | 19.01 | 25.41 | 13.56 | 22.94 | 32.02 | 333.98 |
| 663 | 42.40 | 56.07 | 66.20  | 22.52 | 22.52 | 24.96 | 13.21 | 24.44 | 31.23 | 18.39 | 29.22 | 35.71 | 386.86 |
| 664 | 40.12 | 54.61 | 65.02  | 24.63 | 19.82 | 20.51 | 8.96  | 15.29 | 22.27 | 13.37 | 26.77 | 32.72 | 344.10 |
| 665 | 40.48 | 54.25 | 63.61  | 19.60 | 18.13 | 19.96 | 9.38  | 18.69 | 24.97 | 13.98 | 23.85 | 33.24 | 340.13 |
| 666 | 42.59 | 57.38 | 70.36  | 27.66 | 17.14 | 16.22 | 3.52  | 6.50  | 11.44 | 8.23  | 26.78 | 36.23 | 324.05 |
| 667 | 43.10 | 57.72 | 71.46  | 28.27 | 17.71 | 16.78 | 3.69  | 6.78  | 11.76 | 8.63  | 27.26 | 37.13 | 330.29 |
| 668 | 41.64 | 55.15 | 66.77  | 23.30 | 18.27 | 19.29 | 7.81  | 15.33 | 21.10 | 12.62 | 25.29 | 35.42 | 342.00 |
| 669 | 40.96 | 55.33 | 63.33  | 18.99 | 18.26 | 20.16 | 9.85  | 19.75 | 26.18 | 14.37 | 24.47 | 33.32 | 344.97 |
| 670 | 38.95 | 53.21 | 62.56  | 19.95 | 16.73 | 18.58 | 8.97  | 18.31 | 23.83 | 12.76 | 22.34 | 31.48 | 327.68 |
| 671 | 43.42 | 57.43 | 68.46  | 25.63 | 25.22 | 26.65 | 13.93 | 24.20 | 32.93 | 20.90 | 32.79 | 37.16 | 408.73 |
| 672 | 43.21 | 57.39 | 67.46  | 22.60 | 20.29 | 21.97 | 11.16 | 21.12 | 28.55 | 16.35 | 27.57 | 36.63 | 374.30 |
| 673 | 39.51 | 54.22 | 62.85  | 18.77 | 15.11 | 16.71 | 7.78  | 16.33 | 21.51 | 11.37 | 21.26 | 31.71 | 317.14 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 674 | 41.08 | 57.69 | 71.54 | 26.57 | 9.06  | 8.09  | 0.96  | 2.01  | 7.08  | 4.11  | 17.16 | 33.73 | 279.08 |
| 675 | 40.57 | 56.50 | 70.85 | 26.43 | 9.18  | 8.41  | 1.20  | 2.62  | 7.55  | 4.34  | 17.02 | 33.87 | 278.54 |
| 676 | 40.08 | 54.15 | 64.33 | 22.89 | 20.28 | 21.71 | 11.42 | 21.54 | 28.49 | 16.70 | 26.46 | 33.36 | 361.39 |
| 677 | 39.49 | 55.88 | 68.76 | 25.33 | 8.93  | 8.07  | 1.02  | 2.32  | 7.20  | 3.93  | 16.53 | 31.93 | 269.39 |
| 678 | 39.82 | 54.47 | 68.71 | 31.81 | 24.75 | 25.31 | 15.22 | 23.58 | 31.58 | 20.99 | 31.80 | 34.93 | 402.97 |
| 679 | 33.77 | 47.80 | 58.92 | 27.44 | 21.45 | 22.05 | 13.81 | 22.83 | 29.07 | 18.73 | 27.04 | 30.01 | 352.93 |
| 701 | 40.27 | 53.24 | 68.92 | 34.24 | 22.99 | 22.02 | 11.81 | 20.47 | 28.40 | 18.44 | 30.64 | 36.75 | 388.20 |
| 702 | 41.32 | 54.93 | 70.14 | 35.11 | 23.81 | 22.83 | 12.68 | 21.06 | 29.70 | 19.25 | 32.60 | 37.71 | 401.15 |
| 703 | 41.03 | 53.95 | 70.02 | 35.06 | 23.66 | 22.56 | 12.26 | 20.93 | 29.08 | 19.35 | 31.73 | 37.86 | 397.49 |
| 704 | 40.96 | 53.98 | 69.91 | 34.96 | 23.60 | 22.54 | 12.25 | 20.90 | 29.06 | 19.25 | 31.70 | 37.73 | 396.84 |
| 705 | 39.94 | 52.19 | 68.52 | 34.61 | 24.54 | 23.72 | 13.06 | 22.54 | 30.26 | 20.25 | 31.26 | 36.66 | 397.55 |
| 706 | 40.86 | 53.53 | 70.03 | 38.41 | 37.31 | 38.53 | 24.37 | 39.16 | 48.88 | 33.87 | 43.67 | 38.28 | 506.91 |
| 707 | 40.33 | 52.83 | 69.26 | 37.90 | 36.83 | 38.15 | 23.97 | 38.93 | 48.30 | 33.28 | 42.73 | 37.59 | 500.09 |
| 708 | 40.59 | 53.63 | 69.08 | 36.26 | 32.60 | 33.12 | 20.07 | 32.58 | 41.41 | 28.29 | 39.11 | 37.25 | 464.01 |
| 709 | 41.61 | 55.12 | 68.24 | 32.26 | 32.59 | 33.61 | 20.12 | 33.22 | 42.86 | 28.66 | 39.38 | 36.60 | 464.27 |
| 710 | 40.99 | 54.80 | 66.43 | 25.26 | 20.23 | 20.94 | 10.33 | 19.65 | 26.83 | 16.26 | 27.37 | 34.67 | 363.75 |
| 711 | 38.68 | 53.04 | 65.47 | 23.28 | 11.85 | 13.03 | 5.04  | 12.95 | 17.45 | 8.05  | 19.79 | 30.96 | 299.60 |
| 712 | 40.98 | 55.60 | 67.82 | 24.10 | 13.99 | 14.39 | 5.83  | 13.10 | 18.91 | 10.16 | 22.06 | 34.02 | 320.97 |
| 713 | 38.83 | 53.73 | 62.50 | 18.58 | 13.54 | 13.66 | 5.43  | 12.04 | 17.62 | 10.10 | 20.92 | 31.30 | 298.26 |
| 714 | 42.25 | 55.99 | 65.63 | 20.64 | 18.44 | 19.42 | 8.86  | 18.93 | 25.32 | 14.99 | 26.83 | 35.41 | 352.72 |
| 715 | 39.47 | 54.48 | 62.12 | 16.95 | 14.80 | 14.89 | 6.23  | 13.11 | 19.68 | 11.66 | 21.55 | 31.22 | 306.14 |
| 716 | 41.59 | 56.98 | 68.67 | 25.24 | 12.31 | 10.34 | 1.60  | 3.80  | 8.67  | 5.63  | 22.54 | 34.99 | 292.36 |
| 717 | 44.25 | 58.19 | 68.22 | 24.24 | 24.68 | 25.07 | 11.94 | 22.52 | 32.21 | 21.67 | 34.11 | 37.53 | 404.63 |
| 718 | 38.55 | 53.13 | 64.54 | 23.27 | 12.57 | 11.59 | 2.43  | 5.93  | 10.44 | 6.26  | 21.67 | 31.72 | 282.08 |
| 719 | 40.18 | 54.28 | 63.42 | 18.96 | 15.70 | 15.50 | 6.11  | 13.70 | 20.45 | 12.57 | 23.12 | 32.58 | 316.57 |
| 720 | 38.79 | 53.80 | 61.30 | 16.60 | 13.15 | 12.83 | 4.82  | 11.36 | 17.36 | 10.21 | 20.55 | 30.96 | 291.73 |
| 721 | 42.25 | 56.63 | 68.79 | 25.08 | 16.63 | 15.89 | 5.50  | 10.95 | 16.44 | 11.03 | 26.95 | 36.22 | 332.37 |
| 722 | 39.67 | 54.22 | 63.20 | 19.09 | 15.35 | 15.24 | 6.19  | 13.20 | 19.56 | 12.07 | 22.85 | 32.26 | 312.90 |
| 723 | 43.53 | 58.36 | 67.06 | 23.49 | 24.29 | 24.95 | 11.87 | 22.65 | 32.39 | 20.70 | 33.06 | 35.66 | 398.00 |
| 724 | 44.00 | 57.70 | 69.42 | 28.52 | 29.72 | 30.01 | 16.39 | 27.87 | 38.12 | 26.44 | 38.62 | 38.52 | 445.33 |
| 725 | 40.84 | 54.58 | 66.38 | 29.36 | 31.50 | 32.56 | 18.73 | 31.29 | 40.73 | 26.85 | 37.41 | 34.72 | 444.94 |
| 726 | 42.80 | 56.85 | 67.83 | 23.24 | 18.92 | 19.66 | 9.04  | 18.31 | 25.57 | 15.59 | 27.47 | 36.17 | 361.45 |
| 727 | 35.98 | 50.66 | 59.11 | 16.35 | 12.06 | 11.80 | 4.52  | 9.88  | 15.24 | 9.13  | 18.65 | 28.61 | 271.99 |
| 728 | 43.44 | 56.66 | 67.65 | 23.34 | 23.20 | 23.47 | 10.68 | 20.88 | 29.70 | 20.28 | 31.75 | 36.71 | 387.76 |
| 729 | 35.26 | 50.75 | 59.16 | 16.17 | 10.60 | 10.33 | 3.69  | 8.50  | 13.37 | 7.64  | 17.03 | 27.39 | 259.87 |
| 730 | 40.92 | 61.13 | 79.16 | 25.52 | 17.89 | 16.34 | 8.57  | 13.73 | 23.25 | 13.25 | 22.65 | 32.48 | 354.89 |
| 731 | 43.18 | 57.73 | 69.07 | 25.84 | 20.86 | 21.61 | 10.38 | 18.27 | 24.55 | 15.96 | 29.46 | 36.84 | 373.75 |
| 732 | 39.30 | 53.95 | 65.98 | 25.02 | 10.55 | 8.60  | 1.16  | 2.75  | 7.38  | 4.98  | 19.25 | 31.99 | 270.90 |
| 733 | 39.13 | 54.01 | 65.13 | 20.94 | 16.63 | 17.43 | 7.99  | 15.03 | 20.93 | 12.72 | 22.64 | 31.92 | 324.49 |
| 734 | 37.85 | 52.99 | 61.59 | 17.94 | 14.97 | 16.14 | 7.45  | 14.87 | 20.55 | 11.33 | 19.79 | 29.66 | 305.14 |
| 735 | 42.75 | 56.85 | 68.88 | 24.81 | 18.03 | 20.10 | 9.78  | 19.58 | 25.97 | 13.78 | 26.43 | 35.74 | 362.70 |
| 736 | 36.05 | 50.86 | 58.99 | 16.88 | 13.63 | 14.80 | 6.68  | 13.94 | 19.00 | 10.18 | 18.92 | 28.26 | 288.20 |
| 737 | 44.17 | 58.24 | 69.58 | 27.85 | 29.43 | 30.69 | 17.25 | 28.38 | 38.43 | 25.56 | 37.13 | 38.34 | 445.04 |
| 738 | 43.73 | 64.15 | 82.47 | 26.79 | 20.60 | 18.71 | 10.46 | 16.17 | 26.61 | 15.75 | 25.77 | 35.23 | 386.45 |
| 739 | 44.21 | 63.71 | 81.67 | 28.22 | 22.43 | 20.87 | 11.90 | 18.41 | 29.56 | 17.54 | 27.73 | 36.57 | 402.81 |
| 740 | 39.74 | 53.94 | 63.57 | 22.42 | 23.60 | 25.61 | 13.76 | 24.31 | 30.96 | 18.60 | 29.22 | 33.02 | 378.77 |
| 741 | 45.48 | 65.14 | 86.31 | 34.78 | 23.07 | 21.12 | 11.80 | 17.95 | 28.58 | 17.73 | 29.10 | 38.92 | 419.99 |
| 742 | 43.77 | 63.99 | 83.97 | 31.95 | 20.84 | 18.99 | 10.39 | 16.26 | 26.66 | 15.60 | 26.82 | 36.86 | 396.09 |
| 743 | 45.79 | 64.62 | 84.83 | 35.56 | 29.71 | 27.04 | 16.16 | 24.07 | 36.92 | 24.30 | 33.75 | 39.61 | 462.36 |
| 744 | 45.99 | 64.56 | 85.37 | 37.42 | 33.98 | 30.90 | 19.05 | 27.34 | 40.88 | 28.52 | 37.53 | 40.29 | 491.82 |
| 745 | 46.32 | 65.59 | 87.63 | 37.82 | 29.11 | 25.94 | 14.64 | 21.09 | 32.53 | 22.47 | 33.40 | 40.12 | 456.67 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 746 | 43.12 | 63.42 | 82.95 | 30.35 | 20.57 | 18.46 | 10.04 | 15.68 | 26.30 | 15.07 | 25.51 | 35.49 | 386.94 |
| 747 | 39.99 | 61.02 | 80.46 | 24.98 | 15.92 | 14.58 | 7.59  | 12.10 | 21.20 | 11.65 | 20.37 | 30.89 | 340.76 |
| 748 | 46.13 | 66.01 | 84.93 | 29.31 | 21.26 | 19.19 | 10.41 | 16.31 | 27.31 | 16.35 | 27.59 | 38.30 | 403.10 |
| 749 | 28.51 | 47.00 | 61.73 | 19.41 | 17.13 | 17.65 | 23.95 | 14.34 | 35.52 | 20.38 | 27.03 | 26.19 | 338.84 |
| 750 | 23.34 | 42.91 | 57.64 | 15.47 | 10.33 | 10.97 | 15.53 | 8.30  | 22.58 | 11.68 | 17.85 | 19.75 | 256.35 |
| 751 | 27.33 | 46.21 | 59.17 | 16.87 | 17.79 | 18.49 | 25.50 | 15.95 | 37.28 | 19.47 | 25.63 | 24.55 | 334.23 |
| 752 | 24.52 | 44.05 | 59.10 | 18.07 | 12.58 | 12.69 | 17.47 | 9.78  | 25.99 | 14.09 | 20.42 | 21.40 | 280.16 |
| 753 | 24.11 | 43.22 | 57.47 | 14.91 | 11.96 | 12.82 | 18.06 | 10.11 | 26.44 | 13.58 | 19.45 | 20.67 | 272.79 |
| 754 | 21.49 | 40.91 | 54.69 | 13.43 | 8.83  | 9.28  | 13.58 | 6.98  | 19.94 | 9.72  | 15.32 | 17.59 | 231.76 |
| 755 | 29.84 | 47.30 | 62.37 | 20.68 | 21.92 | 22.10 | 28.83 | 18.33 | 43.45 | 26.92 | 31.99 | 27.83 | 381.56 |
| 756 | 18.28 | 37.71 | 53.01 | 13.61 | 5.56  | 5.99  | 9.11  | 4.10  | 13.20 | 5.97  | 11.13 | 14.18 | 191.82 |
| 757 | 17.40 | 35.75 | 48.52 | 12.86 | 8.08  | 8.27  | 11.81 | 6.39  | 16.89 | 8.72  | 12.94 | 14.11 | 201.71 |
| 758 | 27.34 | 45.71 | 62.60 | 21.41 | 11.64 | 12.05 | 15.62 | 7.28  | 23.12 | 11.76 | 21.59 | 24.85 | 284.96 |
| 759 | 19.11 | 38.67 | 55.16 | 18.27 | 4.65  | 4.71  | 6.44  | 1.50  | 9.57  | 3.87  | 11.36 | 15.75 | 189.07 |
| 760 | 12.24 | 29.77 | 41.63 | 8.32  | 4.49  | 4.74  | 7.21  | 3.68  | 9.88  | 4.91  | 7.63  | 9.06  | 143.57 |
| 761 | 23.58 | 42.18 | 55.91 | 15.84 | 13.25 | 13.85 | 19.20 | 11.22 | 27.97 | 15.22 | 20.59 | 20.49 | 279.31 |
| 762 | 25.22 | 45.32 | 61.10 | 20.26 | 10.38 | 10.81 | 15.52 | 8.74  | 23.82 | 10.92 | 18.85 | 21.75 | 272.69 |
| 763 | 21.19 | 39.75 | 53.70 | 13.77 | 9.81  | 10.25 | 14.34 | 8.08  | 21.32 | 11.76 | 16.44 | 17.68 | 238.11 |
| 764 | 24.76 | 43.88 | 59.89 | 23.53 | 12.03 | 13.86 | 20.62 | 11.72 | 28.47 | 12.31 | 20.67 | 23.33 | 295.05 |
| 801 | 27.73 | 45.30 | 63.32 | 35.28 | 25.03 | 23.58 | 31.69 | 21.31 | 44.17 | 26.63 | 33.66 | 28.23 | 405.93 |
| 802 | 27.82 | 45.04 | 63.35 | 35.19 | 24.94 | 23.51 | 31.53 | 21.33 | 43.97 | 26.71 | 33.40 | 28.11 | 404.91 |
| 803 | 21.89 | 40.62 | 56.47 | 30.10 | 27.66 | 27.53 | 37.11 | 25.37 | 47.65 | 24.76 | 30.24 | 20.42 | 389.81 |
| 804 | 27.36 | 45.49 | 63.16 | 36.62 | 30.08 | 28.45 | 37.46 | 25.78 | 51.71 | 32.00 | 37.85 | 27.95 | 443.90 |
| 805 | 24.91 | 42.36 | 59.41 | 33.22 | 29.68 | 28.06 | 36.01 | 25.43 | 49.64 | 32.45 | 36.44 | 25.15 | 422.77 |
| 806 | 24.40 | 43.09 | 60.22 | 27.63 | 22.94 | 22.34 | 26.81 | 15.13 | 34.67 | 18.85 | 28.22 | 22.61 | 346.92 |
| 807 | 22.52 | 41.04 | 54.92 | 15.02 | 10.80 | 11.24 | 15.65 | 8.64  | 22.77 | 12.07 | 18.01 | 19.41 | 252.08 |
| 808 | 24.20 | 42.66 | 59.22 | 32.86 | 35.62 | 33.70 | 42.41 | 29.27 | 56.70 | 35.28 | 38.70 | 23.41 | 454.02 |
| 809 | 25.69 | 44.84 | 61.54 | 37.17 | 42.63 | 40.03 | 51.06 | 36.43 | 68.45 | 43.66 | 46.19 | 25.50 | 523.20 |
| 810 | 28.12 | 46.04 | 61.60 | 24.78 | 27.68 | 27.19 | 35.22 | 24.28 | 50.46 | 31.35 | 35.05 | 26.56 | 418.34 |
| 811 | 25.86 | 44.51 | 58.07 | 15.26 | 13.80 | 14.56 | 20.44 | 12.00 | 30.13 | 16.20 | 22.17 | 22.83 | 295.84 |
| 812 | 26.09 | 44.83 | 59.35 | 18.30 | 14.76 | 15.50 | 21.38 | 12.59 | 31.23 | 16.80 | 23.27 | 23.27 | 307.37 |
| 813 | 27.15 | 46.06 | 63.75 | 31.35 | 25.42 | 24.16 | 29.42 | 17.95 | 40.44 | 24.97 | 33.67 | 26.81 | 391.15 |
| 814 | 27.58 | 45.77 | 60.25 | 18.60 | 17.61 | 18.17 | 24.35 | 14.75 | 35.84 | 20.45 | 26.41 | 24.95 | 334.73 |
| 815 | 28.63 | 47.48 | 65.96 | 27.22 | 12.20 | 11.78 | 12.95 | 3.63  | 18.72 | 10.01 | 23.95 | 27.81 | 290.36 |
| 816 | 28.99 | 46.22 | 62.19 | 22.89 | 23.94 | 23.96 | 30.63 | 19.87 | 44.98 | 28.22 | 32.65 | 26.85 | 391.40 |
| 817 | 28.41 | 46.11 | 63.00 | 24.17 | 19.02 | 18.88 | 23.41 | 13.24 | 34.24 | 20.25 | 28.29 | 26.42 | 345.43 |
| 818 | 27.78 | 46.39 | 61.31 | 20.13 | 18.15 | 18.48 | 24.70 | 14.72 | 35.97 | 20.97 | 27.15 | 25.38 | 341.11 |
| 819 | 28.16 | 45.97 | 62.51 | 24.91 | 21.51 | 21.13 | 25.53 | 14.56 | 36.52 | 22.24 | 30.16 | 26.37 | 359.54 |
| 820 | 28.67 | 47.12 | 63.86 | 27.51 | 24.67 | 23.65 | 28.27 | 16.31 | 39.93 | 25.46 | 33.74 | 27.69 | 386.87 |
| 821 | 26.43 | 44.75 | 59.18 | 18.12 | 15.73 | 16.49 | 22.59 | 13.35 | 32.67 | 18.07 | 24.04 | 23.48 | 314.89 |
| 822 | 27.66 | 46.77 | 64.49 | 28.59 | 18.21 | 17.49 | 18.63 | 7.39  | 24.96 | 14.48 | 27.68 | 26.72 | 323.08 |
| 823 | 27.03 | 45.48 | 60.15 | 19.80 | 16.97 | 17.50 | 23.23 | 13.43 | 33.64 | 18.74 | 25.64 | 24.60 | 326.21 |
| 824 | 26.60 | 44.63 | 59.04 | 19.42 | 18.64 | 19.18 | 25.50 | 15.45 | 36.66 | 20.89 | 26.57 | 24.01 | 336.58 |
| 825 | 28.09 | 47.13 | 62.39 | 24.52 | 23.20 | 22.79 | 28.59 | 16.82 | 41.04 | 24.18 | 31.73 | 26.64 | 377.13 |
| 826 | 27.94 | 46.46 | 60.61 | 18.27 | 17.23 | 17.83 | 24.13 | 14.60 | 35.69 | 20.20 | 26.38 | 25.43 | 334.79 |
| 827 | 25.75 | 44.81 | 60.80 | 23.46 | 19.51 | 19.75 | 24.17 | 13.01 | 32.88 | 17.96 | 26.16 | 23.76 | 332.01 |
| 828 | 24.75 | 43.22 | 59.30 | 22.91 | 17.99 | 18.55 | 22.99 | 11.82 | 30.82 | 16.25 | 24.31 | 22.31 | 315.21 |
| 829 | 27.84 | 46.33 | 62.63 | 24.01 | 22.18 | 21.90 | 27.14 | 15.83 | 38.27 | 22.97 | 29.98 | 26.26 | 365.34 |
| 830 | 28.02 | 45.03 | 60.93 | 20.91 | 20.02 | 20.56 | 26.77 | 16.97 | 39.19 | 23.64 | 28.28 | 25.20 | 355.50 |
| 831 | 29.34 | 46.32 | 62.45 | 22.73 | 25.06 | 25.02 | 31.66 | 20.67 | 46.66 | 30.00 | 33.98 | 27.27 | 401.14 |
| 832 | 28.30 | 45.44 | 61.35 | 21.92 | 23.43 | 23.47 | 29.61 | 18.73 | 43.20 | 26.95 | 31.63 | 25.95 | 379.98 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 833 | 26.58 | 44.81 | 59.00 | 17.60 | 16.22 | 17.00 | 23.16 | 13.93 | 33.72 | 18.64 | 24.40 | 23.64 | 318.69 |
| 834 | 24.08 | 36.18 | 38.50 | 14.59 | 15.22 | 15.94 | 20.02 | 9.92  | 27.58 | 10.90 | 15.23 | 17.54 | 245.70 |
| 835 | 31.12 | 43.43 | 49.65 | 22.96 | 20.38 | 18.81 | 21.19 | 10.38 | 30.21 | 14.47 | 24.78 | 26.34 | 313.72 |
| 836 | 29.17 | 40.71 | 45.43 | 17.43 | 18.48 | 18.44 | 23.15 | 14.16 | 33.54 | 16.60 | 22.46 | 23.75 | 303.32 |
| 837 | 29.00 | 40.88 | 46.34 | 20.76 | 17.70 | 16.67 | 18.59 | 8.04  | 26.42 | 11.14 | 19.90 | 22.86 | 278.30 |
| 838 | 28.82 | 40.91 | 47.62 | 22.16 | 15.75 | 14.04 | 13.97 | 3.91  | 19.60 | 7.98  | 19.25 | 23.79 | 257.80 |
| 839 | 28.44 | 40.41 | 44.12 | 14.57 | 15.90 | 16.21 | 20.93 | 12.31 | 30.57 | 14.11 | 19.87 | 22.45 | 279.88 |
| 840 | 29.52 | 40.69 | 46.14 | 19.09 | 20.36 | 20.04 | 24.75 | 15.86 | 35.80 | 18.78 | 24.25 | 24.27 | 319.55 |
| 841 | 42.53 | 47.81 | 21.25 | 23.06 | 21.99 | 26.76 | 16.45 | 38.38 | 20.47 | 25.53 | 25.91 | 30.87 | 341.00 |
| 842 | 31.01 | 43.03 | 47.67 | 21.46 | 24.05 | 23.00 | 28.51 | 17.55 | 40.62 | 21.76 | 28.42 | 26.47 | 353.55 |
| 843 | 29.42 | 41.73 | 45.11 | 15.26 | 16.82 | 16.98 | 22.15 | 13.01 | 31.93 | 15.10 | 21.29 | 23.70 | 292.49 |
| 844 | 30.55 | 42.22 | 47.65 | 24.19 | 28.68 | 27.04 | 33.41 | 22.37 | 46.67 | 26.89 | 32.48 | 26.72 | 388.88 |
| 845 | 29.92 | 42.15 | 46.57 | 22.54 | 28.35 | 26.95 | 33.77 | 21.67 | 46.74 | 23.66 | 29.09 | 24.39 | 375.81 |
| 846 | 25.46 | 36.92 | 41.37 | 26.51 | 31.94 | 30.67 | 39.29 | 26.72 | 50.68 | 25.33 | 29.25 | 20.51 | 384.65 |
| 847 | 30.38 | 41.70 | 46.12 | 18.07 | 20.97 | 20.15 | 26.58 | 18.54 | 38.90 | 19.53 | 24.71 | 24.83 | 330.47 |
| 848 | 28.44 | 39.88 | 44.05 | 16.47 | 18.89 | 18.88 | 24.17 | 15.21 | 34.61 | 17.23 | 22.52 | 23.02 | 303.37 |
| 849 | 27.99 | 39.19 | 43.22 | 16.58 | 18.99 | 18.90 | 24.45 | 15.72 | 34.93 | 17.18 | 22.47 | 22.89 | 302.51 |
| 850 | 31.71 | 43.52 | 48.41 | 22.10 | 25.72 | 24.26 | 30.73 | 20.88 | 44.03 | 24.59 | 30.69 | 27.62 | 374.25 |
| 851 | 31.71 | 43.52 | 48.41 | 22.11 | 25.73 | 24.27 | 30.73 | 20.88 | 44.04 | 24.59 | 30.70 | 27.62 | 374.32 |
| 852 | 28.95 | 40.96 | 44.72 | 15.94 | 16.98 | 17.07 | 22.10 | 13.05 | 32.01 | 15.09 | 21.20 | 23.30 | 291.37 |
| 853 | 29.12 | 40.71 | 44.80 | 16.32 | 18.78 | 18.79 | 24.10 | 14.79 | 34.31 | 16.98 | 22.63 | 23.57 | 304.90 |
| 854 | 28.15 | 40.71 | 44.63 | 21.75 | 25.81 | 24.96 | 30.81 | 19.20 | 42.67 | 21.39 | 26.45 | 23.09 | 349.63 |
| 855 | 29.81 | 41.03 | 46.53 | 23.19 | 27.27 | 25.98 | 31.97 | 21.39 | 44.71 | 25.37 | 30.55 | 25.68 | 373.48 |
| 856 | 28.81 | 40.77 | 44.73 | 19.03 | 19.91 | 19.38 | 23.48 | 12.00 | 32.80 | 14.47 | 20.49 | 21.76 | 297.63 |
| 857 | 30.43 | 41.78 | 46.24 | 18.84 | 22.18 | 21.76 | 27.46 | 17.74 | 39.21 | 20.53 | 26.25 | 25.54 | 337.96 |
| 858 | 27.19 | 38.67 | 41.79 | 17.68 | 20.42 | 20.30 | 25.77 | 14.32 | 35.86 | 15.04 | 20.16 | 20.45 | 297.65 |
| 859 | 28.09 | 39.36 | 43.43 | 15.50 | 18.17 | 18.37 | 23.55 | 14.60 | 33.71 | 16.33 | 21.41 | 22.37 | 294.87 |
| 860 | 28.54 | 40.07 | 45.30 | 21.13 | 23.13 | 22.15 | 26.90 | 15.89 | 37.39 | 18.29 | 24.42 | 22.79 | 326.01 |
| 861 | 29.75 | 40.80 | 45.44 | 17.81 | 20.48 | 20.43 | 26.09 | 16.79 | 36.99 | 18.75 | 24.29 | 24.63 | 322.24 |
| 862 | 28.24 | 39.61 | 43.91 | 18.61 | 22.41 | 21.95 | 27.74 | 17.49 | 39.42 | 19.97 | 24.77 | 22.94 | 327.08 |
| 863 | 30.87 | 42.39 | 47.44 | 21.17 | 24.32 | 23.47 | 29.05 | 18.71 | 41.56 | 22.92 | 28.76 | 26.44 | 357.09 |
| 864 | 30.74 | 42.03 | 47.03 | 20.75 | 24.38 | 23.50 | 29.21 | 19.21 | 41.90 | 23.14 | 28.54 | 26.08 | 356.52 |
| 865 | 29.90 | 42.17 | 45.86 | 19.52 | 24.15 | 23.35 | 29.63 | 18.23 | 42.02 | 20.48 | 25.96 | 24.01 | 345.28 |
| 866 | 30.50 | 42.07 | 46.84 | 20.61 | 24.19 | 23.30 | 29.10 | 18.77 | 41.61 | 22.61 | 28.08 | 25.78 | 353.45 |
| 867 | 29.43 | 41.05 | 45.09 | 16.51 | 18.27 | 18.39 | 23.74 | 14.41 | 33.82 | 16.37 | 22.30 | 23.95 | 303.34 |
| 868 | 28.29 | 39.62 | 43.92 | 18.58 | 22.42 | 21.97 | 27.76 | 17.51 | 39.47 | 20.02 | 24.81 | 23.01 | 327.37 |
| 869 | 30.86 | 42.38 | 47.45 | 21.16 | 24.31 | 23.45 | 29.03 | 18.68 | 41.53 | 22.88 | 28.74 | 26.42 | 356.89 |
| 870 | 30.73 | 42.00 | 47.01 | 20.74 | 24.37 | 23.48 | 29.20 | 19.19 | 41.88 | 23.13 | 28.52 | 26.07 | 356.33 |
| 871 | 30.47 | 42.05 | 46.83 | 20.59 | 24.17 | 23.28 | 29.08 | 18.74 | 41.58 | 22.57 | 28.05 | 25.75 | 353.15 |
| 872 | 29.49 | 41.12 | 45.16 | 16.54 | 18.30 | 18.41 | 23.77 | 14.43 | 33.86 | 16.41 | 22.36 | 24.01 | 303.85 |
| 873 | 28.28 | 40.23 | 44.01 | 14.94 | 15.66 | 16.00 | 20.66 | 11.93 | 29.82 | 13.84 | 19.55 | 22.28 | 277.19 |
| 874 | 29.04 | 40.96 | 45.51 | 19.62 | 22.88 | 22.21 | 27.73 | 17.20 | 39.02 | 19.76 | 25.19 | 23.67 | 332.79 |
| 875 | 29.01 | 40.64 | 45.11 | 19.40 | 22.89 | 22.26 | 27.84 | 17.63 | 39.42 | 20.93 | 26.06 | 24.28 | 335.46 |
| 876 | 29.99 | 41.86 | 45.75 | 15.78 | 17.99 | 18.08 | 23.07 | 13.79 | 33.28 | 16.13 | 21.99 | 24.23 | 301.96 |
| 877 | 28.77 | 40.91 | 44.46 | 13.81 | 14.52 | 14.98 | 19.45 | 11.12 | 28.59 | 13.03 | 18.87 | 22.70 | 271.21 |
| 878 | 26.98 | 38.98 | 42.44 | 11.85 | 13.34 | 14.03 | 18.18 | 10.42 | 26.88 | 11.82 | 16.89 | 20.48 | 252.29 |
| 879 | 31.32 | 43.72 | 47.99 | 22.00 | 25.51 | 24.50 | 31.13 | 19.34 | 43.78 | 24.08 | 30.54 | 27.07 | 370.98 |
| 880 | 28.17 | 39.98 | 43.45 | 13.56 | 14.97 | 15.56 | 20.24 | 11.70 | 29.56 | 13.24 | 18.72 | 21.94 | 271.07 |
| 881 | 30.84 | 42.88 | 48.24 | 24.51 | 29.07 | 27.47 | 34.27 | 22.68 | 47.39 | 26.84 | 32.14 | 26.54 | 392.86 |
| 882 | 31.61 | 43.71 | 49.19 | 27.13 | 31.03 | 29.14 | 36.25 | 24.13 | 49.65 | 29.42 | 35.96 | 28.87 | 416.10 |
| 883 | 33.22 | 45.84 | 51.05 | 29.43 | 32.61 | 30.29 | 38.04 | 24.76 | 51.98 | 32.25 | 40.29 | 31.77 | 441.53 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 884 | 31.89 | 44.87 | 48.78 | 18.73 | 18.22 | 17.90 | 22.91 | 13.33 | 33.37 | 17.50 | 25.51 | 27.73 | 320.75 |
| 885 | 32.85 | 45.30 | 50.60 | 27.28 | 29.73 | 27.95 | 35.35 | 23.06 | 48.68 | 29.26 | 37.11 | 30.97 | 418.13 |
| 886 | 32.08 | 44.95 | 48.70 | 18.80 | 19.02 | 18.55 | 23.85 | 14.25 | 34.87 | 18.39 | 26.31 | 28.00 | 327.76 |
| 887 | 32.52 | 45.25 | 50.22 | 22.06 | 21.16 | 20.55 | 25.80 | 15.88 | 36.96 | 20.14 | 28.65 | 29.26 | 348.45 |
| 888 | 32.01 | 44.75 | 48.78 | 20.09 | 20.10 | 19.55 | 25.26 | 15.32 | 36.47 | 19.57 | 27.44 | 28.30 | 337.64 |
| 889 | 32.72 | 45.39 | 49.21 | 20.02 | 21.69 | 21.03 | 27.38 | 16.27 | 37.28 | 21.08 | 29.18 | 28.90 | 350.15 |
| 890 | 32.34 | 45.00 | 48.74 | 18.93 | 19.94 | 19.47 | 25.02 | 14.89 | 36.12 | 19.41 | 27.22 | 28.35 | 335.43 |
| 891 | 31.81 | 44.11 | 52.45 | 41.65 | 43.85 | 39.97 | 50.68 | 36.36 | 64.79 | 42.74 | 51.05 | 33.18 | 532.63 |
| 892 | 33.01 | 45.48 | 50.38 | 26.06 | 28.71 | 26.96 | 34.50 | 22.38 | 47.36 | 28.26 | 36.27 | 30.80 | 410.18 |
| 893 | 31.58 | 43.76 | 52.34 | 42.09 | 44.38 | 40.43 | 51.07 | 36.97 | 65.32 | 43.15 | 51.32 | 33.10 | 535.52 |
| 894 | 32.08 | 44.26 | 53.02 | 39.81 | 39.92 | 36.14 | 44.64 | 31.24 | 57.42 | 37.56 | 47.35 | 33.20 | 496.66 |
| 895 | 32.58 | 45.26 | 51.14 | 23.61 | 20.38 | 19.63 | 24.68 | 14.79 | 35.07 | 19.17 | 28.41 | 29.48 | 344.19 |
| 896 | 30.95 | 46.79 | 40.82 | 20.19 | 19.59 | 22.78 | 23.82 | 20.54 | 31.33 | 21.99 | 28.49 | 29.80 | 337.10 |
| 897 | 30.21 | 45.98 | 40.33 | 18.00 | 16.36 | 19.34 | 19.68 | 16.89 | 26.65 | 18.50 | 25.11 | 28.00 | 305.04 |
| 898 | 17.64 | 30.18 | 26.99 | 14.14 | 10.21 | 11.49 | 11.34 | 9.65  | 14.90 | 10.42 | 15.46 | 16.35 | 188.78 |
| 899 | 23.00 | 37.18 | 32.27 | 15.41 | 14.31 | 16.46 | 17.21 | 14.76 | 22.68 | 15.93 | 20.92 | 21.50 | 251.63 |

Average monthly and annual values Derived from SWAT modeling for period 1985-2005  
Expressed as equivalent mm of precipitation

**Groundwater Discharge (Baseflow)**

| SWAT # | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul  | Aug  | Sep  | Oct   | Nov   | Dec   | Annual |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|--------|
| 101    | 11.33 | 4.46  | 5.24  | 14.96 | 11.49 | 6.17  | 3.31 | 2.49 | 4.29 | 9.67  | 18.07 | 20.20 | 111.68 |
| 102    | 12.16 | 4.84  | 6.23  | 15.52 | 15.10 | 9.74  | 7.13 | 5.01 | 7.55 | 13.95 | 24.03 | 23.37 | 144.62 |
| 103    | 10.23 | 3.93  | 4.82  | 13.16 | 10.39 | 5.63  | 3.16 | 2.15 | 3.68 | 8.22  | 16.46 | 18.46 | 100.28 |
| 104    | 11.33 | 4.59  | 5.39  | 15.96 | 11.58 | 6.10  | 3.03 | 2.26 | 4.21 | 9.62  | 17.58 | 19.95 | 111.61 |
| 105    | 10.85 | 6.43  | 6.66  | 12.80 | 8.37  | 3.83  | 2.60 | 2.18 | 2.65 | 5.07  | 10.19 | 14.72 | 86.33  |
| 106    | 9.08  | 5.37  | 5.61  | 11.62 | 7.43  | 3.09  | 1.91 | 1.64 | 1.94 | 3.96  | 7.95  | 12.34 | 71.91  |
| 107    | 10.74 | 6.41  | 6.61  | 12.80 | 7.47  | 2.59  | 1.33 | 1.36 | 1.52 | 3.69  | 8.46  | 14.73 | 77.71  |
| 108    | 10.93 | 7.05  | 7.45  | 13.06 | 10.15 | 4.91  | 3.57 | 2.89 | 3.69 | 6.53  | 12.25 | 16.90 | 99.39  |
| 109    | 11.43 | 7.04  | 8.29  | 15.48 | 9.14  | 3.71  | 2.33 | 1.95 | 2.24 | 4.70  | 8.90  | 14.64 | 89.85  |
| 110    | 11.51 | 7.03  | 7.68  | 14.59 | 9.84  | 4.41  | 3.11 | 2.51 | 3.16 | 5.82  | 11.21 | 16.00 | 96.86  |
| 111    | 15.12 | 10.15 | 14.75 | 22.70 | 14.29 | 6.27  | 3.78 | 2.36 | 2.71 | 5.68  | 10.93 | 19.90 | 128.62 |
| 112    | 16.82 | 11.82 | 17.10 | 23.45 | 18.54 | 10.49 | 7.44 | 4.72 | 5.70 | 9.31  | 17.58 | 25.36 | 168.35 |
| 113    | 10.54 | 6.59  | 6.92  | 12.63 | 8.29  | 3.34  | 2.11 | 1.76 | 2.21 | 4.41  | 9.15  | 14.47 | 82.43  |
| 114    | 10.94 | 6.29  | 6.11  | 11.58 | 7.63  | 3.18  | 2.46 | 2.27 | 2.78 | 5.09  | 10.41 | 14.93 | 83.69  |
| 115    | 13.69 | 7.77  | 7.47  | 14.06 | 12.55 | 7.36  | 6.72 | 5.51 | 7.01 | 11.04 | 19.41 | 21.72 | 134.32 |
| 116    | 8.98  | 5.42  | 5.48  | 10.35 | 6.20  | 2.19  | 1.16 | 1.13 | 1.30 | 2.95  | 6.83  | 11.50 | 63.49  |
| 117    | 16.27 | 9.96  | 10.60 | 17.45 | 16.12 | 9.54  | 6.50 | 4.57 | 5.94 | 9.86  | 19.27 | 25.39 | 151.47 |
| 118    | 9.91  | 5.88  | 6.12  | 11.61 | 7.87  | 3.29  | 2.19 | 1.91 | 2.33 | 4.69  | 9.28  | 13.77 | 78.85  |
| 119    | 11.84 | 6.98  | 7.51  | 14.37 | 9.20  | 3.92  | 2.62 | 2.00 | 2.71 | 5.59  | 11.37 | 16.91 | 95.02  |
| 120    | 9.44  | 5.68  | 6.00  | 12.16 | 7.58  | 2.93  | 1.86 | 1.56 | 1.88 | 3.78  | 7.93  | 12.49 | 73.28  |
| 121    | 10.63 | 6.23  | 6.49  | 12.40 | 7.78  | 3.34  | 2.26 | 1.94 | 2.27 | 4.61  | 9.52  | 14.54 | 82.01  |
| 122    | 9.72  | 5.87  | 6.05  | 10.97 | 7.34  | 3.17  | 2.08 | 1.89 | 2.21 | 4.33  | 8.99  | 13.43 | 76.04  |
| 123    | 10.94 | 6.49  | 6.34  | 14.47 | 9.49  | 3.94  | 2.76 | 2.15 | 2.49 | 5.04  | 10.12 | 15.13 | 89.37  |
| 124    | 10.64 | 4.07  | 4.83  | 13.71 | 10.31 | 5.31  | 2.49 | 1.62 | 3.26 | 8.39  | 16.25 | 18.60 | 99.47  |
| 125    | 8.82  | 5.42  | 5.40  | 10.47 | 6.73  | 2.57  | 1.55 | 1.38 | 1.67 | 3.38  | 7.64  | 12.00 | 67.04  |
| 126    | 11.61 | 6.94  | 7.36  | 13.14 | 8.40  | 3.06  | 1.56 | 1.47 | 1.78 | 4.55  | 9.70  | 16.37 | 85.94  |
| 127    | 11.80 | 7.02  | 7.31  | 13.13 | 8.70  | 3.21  | 1.78 | 1.54 | 1.94 | 4.74  | 10.10 | 16.76 | 88.03  |
| 128    | 10.25 | 6.12  | 6.21  | 11.89 | 7.61  | 3.30  | 2.09 | 1.81 | 2.13 | 4.33  | 9.25  | 14.18 | 79.18  |
| 129    | 11.99 | 7.30  | 7.73  | 13.26 | 9.06  | 3.64  | 2.00 | 1.73 | 2.30 | 5.28  | 11.21 | 17.83 | 93.35  |
| 130    | 11.37 | 6.77  | 7.16  | 12.81 | 9.14  | 4.31  | 3.09 | 2.66 | 3.20 | 6.12  | 11.96 | 16.62 | 95.21  |
| 131    | 9.47  | 5.41  | 6.67  | 14.31 | 11.85 | 6.56  | 4.05 | 2.93 | 3.20 | 5.67  | 11.24 | 14.43 | 95.81  |
| 132    | 7.63  | 5.00  | 5.44  | 9.98  | 8.02  | 3.38  | 2.26 | 1.87 | 2.33 | 4.05  | 8.58  | 12.92 | 71.47  |
| 133    | 10.84 | 6.42  | 6.97  | 14.23 | 11.59 | 5.94  | 4.25 | 3.53 | 4.24 | 7.85  | 13.65 | 16.56 | 106.07 |
| 134    | 9.98  | 5.83  | 6.12  | 12.71 | 10.13 | 4.72  | 3.06 | 2.60 | 3.09 | 6.46  | 11.75 | 15.03 | 91.47  |
| 135    | 11.40 | 6.94  | 7.46  | 14.00 | 13.35 | 7.30  | 5.20 | 4.32 | 5.42 | 9.66  | 16.12 | 18.72 | 119.90 |
| 136    | 10.58 | 5.93  | 6.50  | 15.55 | 11.32 | 5.49  | 2.92 | 1.83 | 2.21 | 4.93  | 9.86  | 14.60 | 91.70  |
| 137    | 11.35 | 6.46  | 7.66  | 15.61 | 11.71 | 5.54  | 2.82 | 1.87 | 1.97 | 4.67  | 10.34 | 15.46 | 95.46  |
| 138    | 10.34 | 5.96  | 7.27  | 13.82 | 11.34 | 5.45  | 2.92 | 1.86 | 2.02 | 4.49  | 10.16 | 15.15 | 90.79  |
| 139    | 10.17 | 5.93  | 6.28  | 14.64 | 9.66  | 3.96  | 2.62 | 2.35 | 2.44 | 5.52  | 10.13 | 14.37 | 88.08  |
| 140    | 9.94  | 5.81  | 6.36  | 12.62 | 9.65  | 4.10  | 2.41 | 2.04 | 2.48 | 5.60  | 10.77 | 14.80 | 86.57  |
| 141    | 12.75 | 7.05  | 8.37  | 18.33 | 13.49 | 6.45  | 3.60 | 2.44 | 2.99 | 6.23  | 11.97 | 17.28 | 110.94 |
| 142    | 10.65 | 6.34  | 6.91  | 16.03 | 11.45 | 4.33  | 2.72 | 2.38 | 2.63 | 5.86  | 10.95 | 15.51 | 95.76  |
| 143    | 13.37 | 8.23  | 9.93  | 18.24 | 15.94 | 8.60  | 6.07 | 4.62 | 5.92 | 10.79 | 18.33 | 21.96 | 142.02 |
| 144    | 13.03 | 7.67  | 8.83  | 18.01 | 14.48 | 7.24  | 5.01 | 3.90 | 4.83 | 9.38  | 16.59 | 20.23 | 129.21 |
| 145    | 10.85 | 6.33  | 7.03  | 15.01 | 11.09 | 4.94  | 3.28 | 2.82 | 3.24 | 6.79  | 12.15 | 16.08 | 99.61  |
| 146    | 10.69 | 6.38  | 7.10  | 13.41 | 11.92 | 5.93  | 3.91 | 3.14 | 3.86 | 7.56  | 13.59 | 17.40 | 104.88 |
| 147    | 11.41 | 6.73  | 7.56  | 16.26 | 11.97 | 5.94  | 4.24 | 3.49 | 4.20 | 8.01  | 13.74 | 16.83 | 110.38 |
| 148    | 8.18  | 5.22  | 5.60  | 11.62 | 7.95  | 2.80  | 1.40 | 1.14 | 1.41 | 3.02  | 7.79  | 13.55 | 69.68  |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 149 | 12.47 | 8.21  | 11.60 | 19.90 | 15.82 | 7.96  | 5.30  | 3.71  | 4.43  | 8.34  | 14.01 | 19.11 | 130.87 |
| 150 | 10.81 | 6.40  | 7.27  | 13.65 | 12.35 | 6.13  | 4.08  | 3.18  | 3.84  | 7.63  | 13.24 | 17.52 | 106.12 |
| 151 | 10.86 | 6.28  | 6.75  | 14.22 | 10.79 | 5.02  | 3.36  | 2.87  | 3.31  | 6.86  | 12.33 | 16.10 | 98.74  |
| 152 | 11.32 | 6.67  | 6.89  | 13.32 | 12.25 | 6.62  | 4.73  | 3.93  | 4.78  | 8.79  | 15.31 | 18.03 | 112.66 |
| 153 | 10.21 | 6.63  | 9.01  | 16.03 | 8.18  | 2.63  | 1.24  | 0.50  | 0.48  | 1.54  | 4.99  | 10.46 | 71.91  |
| 154 | 12.01 | 7.06  | 7.71  | 14.57 | 13.16 | 6.75  | 4.61  | 3.60  | 4.38  | 8.77  | 15.32 | 19.38 | 117.32 |
| 155 | 10.70 | 6.51  | 9.23  | 18.77 | 11.15 | 4.41  | 2.02  | 1.09  | 1.23  | 3.13  | 6.90  | 11.96 | 87.12  |
| 156 | 9.87  | 6.51  | 8.91  | 14.54 | 8.98  | 3.81  | 2.10  | 0.97  | 1.00  | 2.13  | 6.01  | 11.02 | 75.86  |
| 157 | 10.03 | 6.57  | 8.93  | 15.79 | 9.69  | 4.46  | 2.51  | 1.42  | 1.50  | 2.96  | 6.92  | 11.17 | 81.96  |
| 158 | 11.57 | 7.20  | 9.69  | 18.64 | 11.77 | 5.65  | 3.06  | 1.71  | 1.91  | 4.10  | 8.87  | 13.64 | 97.79  |
| 159 | 10.00 | 6.43  | 7.85  | 14.58 | 11.95 | 6.01  | 4.48  | 3.49  | 4.50  | 7.35  | 13.84 | 17.74 | 108.22 |
| 160 | 13.34 | 8.28  | 11.81 | 21.84 | 14.14 | 7.21  | 3.94  | 2.21  | 2.65  | 5.60  | 11.49 | 17.23 | 119.76 |
| 161 | 9.12  | 6.17  | 7.47  | 12.95 | 11.69 | 5.92  | 4.42  | 3.31  | 4.39  | 7.02  | 13.46 | 17.28 | 103.22 |
| 162 | 13.32 | 8.66  | 11.28 | 17.51 | 12.91 | 5.55  | 3.31  | 2.30  | 2.93  | 5.72  | 11.98 | 19.09 | 114.58 |
| 163 | 13.33 | 8.66  | 11.14 | 16.70 | 12.81 | 5.69  | 3.54  | 2.40  | 3.27  | 6.17  | 12.70 | 19.21 | 115.61 |
| 164 | 13.75 | 9.17  | 11.91 | 17.67 | 15.01 | 7.39  | 5.07  | 3.52  | 4.46  | 7.51  | 13.97 | 20.26 | 129.68 |
| 165 | 12.82 | 8.40  | 10.29 | 15.95 | 13.15 | 6.07  | 4.05  | 2.76  | 3.42  | 5.85  | 11.61 | 18.70 | 113.06 |
| 166 | 12.56 | 8.25  | 10.66 | 16.54 | 11.91 | 4.96  | 3.07  | 2.22  | 2.65  | 4.85  | 10.33 | 17.54 | 105.55 |
| 167 | 13.99 | 9.19  | 11.89 | 18.45 | 15.67 | 8.18  | 5.84  | 4.16  | 5.05  | 7.83  | 14.12 | 20.46 | 134.84 |
| 168 | 15.85 | 10.54 | 15.20 | 23.63 | 18.82 | 9.98  | 7.60  | 5.42  | 6.52  | 10.38 | 17.64 | 23.51 | 165.08 |
| 169 | 16.18 | 10.37 | 13.93 | 20.77 | 17.52 | 9.62  | 6.79  | 4.80  | 6.17  | 10.61 | 19.16 | 24.77 | 160.67 |
| 170 | 11.02 | 7.07  | 9.08  | 16.44 | 10.50 | 3.84  | 2.16  | 1.51  | 1.82  | 3.47  | 8.06  | 14.38 | 89.37  |
| 171 | 11.19 | 7.12  | 8.63  | 14.30 | 10.83 | 4.22  | 2.59  | 1.83  | 2.39  | 4.45  | 9.31  | 14.76 | 91.62  |
| 172 | 11.74 | 7.70  | 10.78 | 17.96 | 12.81 | 5.28  | 3.52  | 2.34  | 3.01  | 5.06  | 9.55  | 14.82 | 104.57 |
| 173 | 13.07 | 8.12  | 10.78 | 21.53 | 16.01 | 5.73  | 3.60  | 2.28  | 2.53  | 5.11  | 10.22 | 16.04 | 115.02 |
| 174 | 21.56 | 15.02 | 28.20 | 56.26 | 46.73 | 27.22 | 22.10 | 14.90 | 17.04 | 22.70 | 31.74 | 33.12 | 336.58 |
| 175 | 12.36 | 8.20  | 12.07 | 23.05 | 19.24 | 9.75  | 7.27  | 4.87  | 5.52  | 8.21  | 13.09 | 17.10 | 140.75 |
| 201 | 15.50 | 10.15 | 13.55 | 20.29 | 14.19 | 6.68  | 4.32  | 2.57  | 3.13  | 6.11  | 12.59 | 21.18 | 130.28 |
| 202 | 13.83 | 9.13  | 12.16 | 17.67 | 11.39 | 4.64  | 2.61  | 1.58  | 1.75  | 4.36  | 8.91  | 18.31 | 106.35 |
| 203 | 11.57 | 7.08  | 7.36  | 13.05 | 7.77  | 2.67  | 1.38  | 1.12  | 1.48  | 4.14  | 8.76  | 15.43 | 81.81  |
| 204 | 12.04 | 7.58  | 8.35  | 14.12 | 9.22  | 3.69  | 2.10  | 1.62  | 2.11  | 4.91  | 10.51 | 17.53 | 93.79  |
| 205 | 11.13 | 6.63  | 7.13  | 12.74 | 7.36  | 2.34  | 1.04  | 1.07  | 1.22  | 3.65  | 8.11  | 15.29 | 77.71  |
| 206 | 9.15  | 5.85  | 6.64  | 13.56 | 9.38  | 3.85  | 2.48  | 1.96  | 2.56  | 4.76  | 10.75 | 15.59 | 86.53  |
| 207 | 8.35  | 5.33  | 5.75  | 11.49 | 8.28  | 3.24  | 1.81  | 1.42  | 1.83  | 3.47  | 8.54  | 14.21 | 73.73  |
| 208 | 9.32  | 5.98  | 7.06  | 14.45 | 10.85 | 4.93  | 3.47  | 2.65  | 3.40  | 5.84  | 12.20 | 16.39 | 96.53  |
| 209 | 8.20  | 5.30  | 5.90  | 11.49 | 8.85  | 3.68  | 2.24  | 1.70  | 2.20  | 3.95  | 8.87  | 13.97 | 76.35  |
| 210 | 11.02 | 7.24  | 9.23  | 15.92 | 14.19 | 7.83  | 6.09  | 4.88  | 6.48  | 10.38 | 18.24 | 21.01 | 132.52 |
| 211 | 7.05  | 3.90  | 5.50  | 14.08 | 13.41 | 6.25  | 4.25  | 3.45  | 4.26  | 8.17  | 16.07 | 17.88 | 104.28 |
| 212 | 7.36  | 4.04  | 6.31  | 15.47 | 11.46 | 4.81  | 3.13  | 2.37  | 3.21  | 6.40  | 14.42 | 17.29 | 96.28  |
| 213 | 7.12  | 4.11  | 7.02  | 16.27 | 12.62 | 5.58  | 4.08  | 3.19  | 4.04  | 7.01  | 14.74 | 17.20 | 102.98 |
| 214 | 5.68  | 3.11  | 3.88  | 10.83 | 8.31  | 2.72  | 1.49  | 1.00  | 1.29  | 3.30  | 8.53  | 12.99 | 63.13  |
| 215 | 6.25  | 3.47  | 5.32  | 13.63 | 10.89 | 4.48  | 3.05  | 2.52  | 3.20  | 6.04  | 12.75 | 15.32 | 86.90  |
| 216 | 4.19  | 1.10  | 4.72  | 16.89 | 9.37  | 2.28  | 1.27  | 0.96  | 2.39  | 10.63 | 21.39 | 20.30 | 95.50  |
| 217 | 4.63  | 1.41  | 7.22  | 20.83 | 11.91 | 3.59  | 2.28  | 1.95  | 4.25  | 13.28 | 23.83 | 21.93 | 117.13 |
| 218 | 4.05  | 1.17  | 5.49  | 17.85 | 9.37  | 2.42  | 1.55  | 1.31  | 2.68  | 10.10 | 20.23 | 19.57 | 95.79  |
| 219 | 3.75  | 1.02  | 4.33  | 16.13 | 8.18  | 1.80  | 1.03  | 0.76  | 1.69  | 8.45  | 18.54 | 18.73 | 84.41  |
| 220 | 3.60  | 1.00  | 5.21  | 17.71 | 10.16 | 2.85  | 1.82  | 1.48  | 3.02  | 10.93 | 21.02 | 19.52 | 98.32  |
| 221 | 8.82  | 4.84  | 6.69  | 14.45 | 10.26 | 3.40  | 1.95  | 1.32  | 1.58  | 3.26  | 8.14  | 14.69 | 79.39  |
| 222 | 11.59 | 6.37  | 10.38 | 19.16 | 14.23 | 6.13  | 4.04  | 2.91  | 3.59  | 6.60  | 14.44 | 20.07 | 119.51 |
| 223 | 7.92  | 4.74  | 8.83  | 20.43 | 16.98 | 8.19  | 6.16  | 5.05  | 6.36  | 10.14 | 19.52 | 20.51 | 134.82 |
| 224 | 11.90 | 6.42  | 10.71 | 18.71 | 13.09 | 5.52  | 3.36  | 2.17  | 3.34  | 6.48  | 14.43 | 20.27 | 116.41 |

|     |       |      |       |       |       |       |      |      |      |       |       |       |        |
|-----|-------|------|-------|-------|-------|-------|------|------|------|-------|-------|-------|--------|
| 225 | 10.30 | 5.68 | 8.04  | 15.80 | 12.18 | 4.60  | 2.46 | 1.65 | 2.01 | 4.41  | 11.25 | 18.09 | 96.48  |
| 226 | 8.66  | 4.70 | 8.74  | 18.30 | 11.60 | 3.86  | 2.54 | 1.58 | 1.93 | 2.86  | 6.78  | 12.15 | 83.70  |
| 227 | 9.80  | 5.17 | 9.03  | 15.96 | 8.96  | 2.25  | 0.92 | 0.58 | 0.60 | 1.91  | 5.65  | 13.56 | 74.40  |
| 228 | 7.23  | 4.05 | 5.82  | 15.45 | 12.44 | 5.22  | 3.47 | 2.71 | 3.66 | 7.32  | 15.39 | 17.79 | 100.55 |
| 229 | 6.10  | 3.44 | 4.62  | 11.38 | 8.60  | 3.03  | 1.79 | 1.24 | 1.62 | 3.75  | 9.79  | 14.29 | 69.65  |
| 230 | 7.54  | 4.45 | 7.75  | 17.71 | 12.98 | 5.60  | 4.01 | 2.98 | 4.06 | 7.39  | 15.44 | 18.49 | 108.41 |
| 231 | 6.40  | 3.65 | 5.12  | 13.51 | 10.58 | 4.08  | 2.65 | 2.06 | 2.73 | 5.36  | 11.95 | 15.52 | 83.61  |
| 232 | 6.84  | 3.79 | 5.40  | 13.57 | 9.65  | 3.56  | 2.19 | 1.60 | 2.13 | 4.82  | 11.97 | 15.64 | 81.15  |
| 233 | 8.96  | 4.66 | 8.10  | 14.55 | 8.26  | 1.82  | 0.76 | 0.38 | 0.43 | 1.39  | 5.13  | 12.44 | 66.88  |
| 234 | 6.21  | 3.27 | 4.55  | 11.70 | 7.63  | 2.29  | 1.24 | 0.80 | 1.05 | 2.78  | 8.12  | 12.97 | 62.61  |
| 235 | 6.08  | 3.47 | 5.33  | 12.67 | 8.76  | 3.17  | 1.94 | 1.29 | 1.80 | 3.63  | 9.43  | 13.91 | 71.48  |
| 236 | 7.54  | 4.00 | 5.65  | 12.21 | 7.89  | 1.99  | 0.90 | 0.63 | 0.70 | 1.94  | 4.88  | 10.65 | 58.98  |
| 237 | 6.31  | 3.34 | 4.77  | 12.18 | 8.27  | 2.71  | 1.50 | 1.10 | 1.48 | 3.56  | 9.40  | 13.53 | 68.16  |
| 238 | 11.43 | 6.07 | 9.32  | 17.27 | 11.69 | 4.39  | 2.36 | 1.66 | 2.04 | 4.58  | 10.18 | 18.20 | 99.18  |
| 239 | 6.31  | 3.49 | 5.16  | 12.27 | 8.61  | 2.77  | 1.55 | 1.12 | 1.55 | 3.69  | 9.64  | 14.00 | 70.16  |
| 240 | 11.15 | 6.02 | 10.00 | 22.28 | 16.63 | 7.02  | 4.69 | 3.14 | 3.99 | 7.05  | 14.68 | 19.43 | 126.08 |
| 241 | 7.87  | 4.18 | 5.65  | 12.24 | 8.73  | 2.70  | 1.38 | 1.09 | 1.18 | 2.79  | 6.25  | 12.24 | 66.31  |
| 242 | 11.54 | 5.95 | 9.09  | 16.36 | 9.38  | 2.75  | 1.23 | 0.87 | 0.84 | 2.73  | 7.70  | 16.99 | 85.43  |
| 243 | 9.55  | 5.43 | 8.77  | 16.64 | 10.95 | 4.00  | 2.31 | 1.51 | 1.97 | 3.72  | 7.36  | 14.42 | 86.63  |
| 244 | 11.72 | 6.01 | 8.63  | 17.61 | 13.01 | 5.35  | 3.02 | 2.14 | 2.82 | 5.71  | 11.89 | 19.02 | 106.92 |
| 245 | 10.79 | 5.76 | 7.99  | 15.66 | 11.34 | 4.53  | 2.42 | 1.76 | 2.13 | 4.86  | 10.05 | 17.25 | 94.54  |
| 246 | 12.29 | 6.38 | 9.21  | 17.53 | 12.42 | 5.02  | 2.57 | 1.82 | 2.36 | 5.49  | 11.90 | 19.74 | 106.74 |
| 247 | 9.38  | 5.22 | 7.81  | 15.90 | 12.37 | 4.89  | 2.71 | 1.80 | 2.13 | 4.12  | 8.14  | 15.03 | 89.48  |
| 301 | 9.83  | 2.97 | 3.91  | 12.47 | 8.22  | 3.10  | 0.72 | 0.44 | 1.32 | 6.29  | 15.14 | 18.66 | 83.05  |
| 302 | 10.66 | 3.45 | 4.23  | 14.10 | 9.18  | 3.92  | 1.21 | 0.81 | 2.30 | 8.23  | 17.09 | 20.12 | 95.30  |
| 303 | 11.57 | 3.82 | 4.95  | 14.85 | 10.78 | 5.33  | 2.55 | 1.81 | 3.64 | 10.12 | 20.28 | 22.19 | 111.88 |
| 304 | 10.47 | 3.77 | 4.62  | 15.87 | 11.41 | 5.21  | 2.73 | 1.98 | 3.72 | 9.17  | 17.47 | 19.51 | 105.92 |
| 305 | 10.34 | 3.50 | 4.73  | 15.08 | 10.72 | 5.08  | 2.67 | 1.78 | 3.51 | 8.79  | 17.46 | 19.30 | 102.97 |
| 306 | 10.11 | 3.84 | 4.63  | 16.74 | 11.42 | 4.41  | 1.83 | 1.45 | 2.81 | 8.10  | 15.62 | 18.22 | 99.19  |
| 307 | 10.22 | 3.46 | 4.64  | 14.76 | 10.56 | 4.92  | 2.48 | 1.54 | 3.19 | 8.11  | 16.84 | 18.98 | 99.69  |
| 308 | 8.97  | 4.98 | 6.35  | 11.61 | 8.85  | 3.75  | 1.85 | 1.00 | 1.48 | 3.37  | 8.00  | 14.94 | 75.15  |
| 309 | 10.25 | 3.40 | 4.77  | 14.38 | 12.03 | 6.28  | 3.97 | 2.56 | 4.56 | 9.52  | 19.26 | 20.16 | 111.15 |
| 310 | 10.26 | 5.44 | 5.89  | 12.40 | 8.72  | 3.74  | 1.83 | 0.88 | 1.13 | 2.82  | 7.83  | 15.43 | 76.36  |
| 311 | 10.76 | 5.57 | 6.07  | 13.76 | 9.19  | 3.79  | 1.87 | 0.90 | 1.20 | 2.92  | 8.16  | 15.84 | 80.01  |
| 312 | 11.05 | 5.66 | 6.38  | 13.81 | 13.76 | 7.63  | 5.28 | 3.36 | 4.62 | 8.51  | 16.88 | 21.38 | 118.31 |
| 313 | 11.34 | 5.68 | 6.66  | 14.98 | 11.66 | 6.00  | 3.58 | 2.22 | 3.20 | 6.46  | 14.86 | 21.34 | 107.97 |
| 314 | 14.56 | 8.25 | 10.55 | 20.50 | 17.82 | 10.55 | 7.75 | 5.03 | 7.54 | 13.01 | 24.08 | 28.37 | 168.02 |
| 315 | 11.92 | 6.16 | 7.14  | 15.80 | 15.52 | 9.05  | 6.25 | 3.91 | 5.73 | 10.26 | 19.97 | 23.08 | 134.79 |
| 316 | 10.89 | 6.08 | 8.03  | 15.33 | 13.57 | 7.40  | 5.05 | 3.12 | 4.50 | 8.24  | 15.90 | 20.65 | 118.77 |
| 317 | 10.35 | 5.40 | 6.53  | 13.26 | 12.74 | 7.02  | 4.83 | 3.00 | 4.28 | 7.84  | 16.31 | 20.38 | 111.95 |
| 318 | 12.46 | 7.20 | 9.92  | 18.94 | 16.81 | 9.37  | 6.55 | 4.01 | 5.76 | 10.08 | 18.99 | 23.48 | 143.56 |
| 319 | 11.41 | 5.78 | 6.75  | 14.35 | 13.62 | 7.48  | 4.86 | 3.13 | 4.50 | 8.43  | 18.36 | 23.34 | 122.00 |
| 320 | 10.20 | 3.42 | 4.48  | 14.55 | 10.27 | 4.62  | 2.12 | 1.33 | 2.91 | 7.92  | 16.41 | 18.80 | 97.04  |
| 321 | 8.21  | 2.61 | 3.65  | 11.30 | 8.07  | 2.88  | 0.98 | 0.56 | 1.32 | 4.46  | 12.41 | 15.27 | 71.70  |
| 322 | 9.18  | 3.16 | 4.01  | 13.07 | 9.21  | 4.12  | 1.99 | 1.38 | 2.61 | 6.37  | 14.75 | 16.76 | 86.60  |
| 323 | 10.16 | 5.31 | 6.10  | 12.39 | 9.11  | 4.02  | 2.07 | 1.15 | 1.46 | 3.33  | 8.83  | 16.15 | 80.09  |
| 324 | 9.19  | 4.79 | 6.03  | 11.42 | 8.30  | 3.22  | 1.52 | 0.69 | 0.91 | 2.47  | 6.35  | 14.53 | 69.41  |
| 325 | 11.29 | 5.67 | 6.35  | 14.63 | 10.81 | 5.42  | 3.03 | 1.80 | 2.57 | 5.29  | 12.77 | 19.39 | 99.02  |
| 326 | 12.93 | 8.21 | 11.41 | 17.35 | 10.71 | 3.75  | 2.01 | 1.24 | 1.38 | 3.13  | 7.53  | 16.78 | 96.41  |
| 327 | 9.13  | 5.21 | 7.19  | 13.45 | 10.18 | 4.41  | 2.51 | 1.40 | 1.93 | 3.94  | 8.25  | 14.72 | 82.32  |
| 328 | 9.54  | 5.25 | 6.62  | 12.85 | 10.19 | 4.57  | 2.43 | 1.47 | 1.86 | 3.92  | 8.85  | 15.71 | 83.25  |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 329 | 11.28 | 5.80  | 6.82  | 14.09 | 10.45 | 4.91  | 2.66  | 1.46  | 2.04  | 4.46  | 11.14 | 18.91 | 94.02  |
| 330 | 11.60 | 5.88  | 7.09  | 15.70 | 12.27 | 6.59  | 3.63  | 2.28  | 3.43  | 6.76  | 15.84 | 22.20 | 113.28 |
| 331 | 12.16 | 6.22  | 7.28  | 15.83 | 12.39 | 6.90  | 3.83  | 2.48  | 3.67  | 7.38  | 17.26 | 23.52 | 118.92 |
| 332 | 12.79 | 6.78  | 8.71  | 18.39 | 16.01 | 9.04  | 5.90  | 3.67  | 5.39  | 9.68  | 20.42 | 25.20 | 141.99 |
| 333 | 13.87 | 8.09  | 10.56 | 20.41 | 21.53 | 13.00 | 9.80  | 6.18  | 8.45  | 14.68 | 27.31 | 29.17 | 183.06 |
| 334 | 9.37  | 4.90  | 5.80  | 11.18 | 10.86 | 5.22  | 2.88  | 1.67  | 2.18  | 4.81  | 10.31 | 17.01 | 86.19  |
| 335 | 8.66  | 4.75  | 6.09  | 11.74 | 10.50 | 5.02  | 2.92  | 1.68  | 2.20  | 4.48  | 9.41  | 15.79 | 83.22  |
| 336 | 9.91  | 5.46  | 6.77  | 12.91 | 12.94 | 6.79  | 4.42  | 2.71  | 3.52  | 6.53  | 13.17 | 18.78 | 103.91 |
| 337 | 13.90 | 8.99  | 13.52 | 25.73 | 26.22 | 15.82 | 12.22 | 7.50  | 10.29 | 16.23 | 28.54 | 28.80 | 207.76 |
| 401 | 12.83 | 8.34  | 8.02  | 14.55 | 16.46 | 9.91  | 5.55  | 3.96  | 4.91  | 9.53  | 17.23 | 18.28 | 129.58 |
| 402 | 12.54 | 8.00  | 7.22  | 13.76 | 17.58 | 12.06 | 5.90  | 4.00  | 4.69  | 9.12  | 16.84 | 17.99 | 129.69 |
| 403 | 14.48 | 9.36  | 9.99  | 17.49 | 21.30 | 15.81 | 10.63 | 8.02  | 8.28  | 14.82 | 23.33 | 21.70 | 175.20 |
| 404 | 13.19 | 8.18  | 7.46  | 13.85 | 18.51 | 15.43 | 10.24 | 7.22  | 7.09  | 13.50 | 21.27 | 19.73 | 155.67 |
| 405 | 15.42 | 9.57  | 9.45  | 17.59 | 19.61 | 13.58 | 9.28  | 7.25  | 8.12  | 15.34 | 24.37 | 22.99 | 172.57 |
| 406 | 16.76 | 10.21 | 9.54  | 17.76 | 25.85 | 20.79 | 16.55 | 14.39 | 16.28 | 26.33 | 30.28 | 25.37 | 230.12 |
| 407 | 14.46 | 9.27  | 10.11 | 18.00 | 20.07 | 14.68 | 9.35  | 7.08  | 7.02  | 13.04 | 20.84 | 21.08 | 164.99 |
| 408 | 15.27 | 9.79  | 10.69 | 19.21 | 20.93 | 14.51 | 9.25  | 7.16  | 7.62  | 14.43 | 22.20 | 22.16 | 173.21 |
| 409 | 12.37 | 7.75  | 7.38  | 13.43 | 16.28 | 11.84 | 6.93  | 4.99  | 5.07  | 10.92 | 18.17 | 18.29 | 133.41 |
| 410 | 13.10 | 8.39  | 8.94  | 15.70 | 17.45 | 12.35 | 7.27  | 5.29  | 5.39  | 11.10 | 18.53 | 19.09 | 142.58 |
| 411 | 14.65 | 9.57  | 10.64 | 18.27 | 20.11 | 14.06 | 9.14  | 7.14  | 7.28  | 13.39 | 21.06 | 21.39 | 166.70 |
| 412 | 14.52 | 9.20  | 9.61  | 17.44 | 20.47 | 15.40 | 10.13 | 7.55  | 7.31  | 14.28 | 21.54 | 21.23 | 168.68 |
| 413 | 10.19 | 5.51  | 3.78  | 7.42  | 12.50 | 8.26  | 6.22  | 6.32  | 8.53  | 14.82 | 19.62 | 17.23 | 120.39 |
| 414 | 11.46 | 6.21  | 4.22  | 10.17 | 17.28 | 11.44 | 9.06  | 8.49  | 11.45 | 19.00 | 24.04 | 19.39 | 152.21 |
| 415 | 11.81 | 6.44  | 4.98  | 10.42 | 15.77 | 10.78 | 8.32  | 7.86  | 10.77 | 18.56 | 24.48 | 19.75 | 149.95 |
| 416 | 12.01 | 6.46  | 4.38  | 10.45 | 19.22 | 12.99 | 10.25 | 9.61  | 13.03 | 21.30 | 26.39 | 20.65 | 166.73 |
| 417 | 12.12 | 6.61  | 4.95  | 11.07 | 18.10 | 12.61 | 10.19 | 9.54  | 12.59 | 21.13 | 26.55 | 20.88 | 166.35 |
| 418 | 10.28 | 6.37  | 6.29  | 11.37 | 10.35 | 6.93  | 4.44  | 2.95  | 3.67  | 8.96  | 15.16 | 15.81 | 102.57 |
| 419 | 14.21 | 7.98  | 7.97  | 16.56 | 18.99 | 12.88 | 9.49  | 8.00  | 9.96  | 18.25 | 26.96 | 23.66 | 174.92 |
| 420 | 10.05 | 6.54  | 7.95  | 13.30 | 12.28 | 8.43  | 5.76  | 3.54  | 4.41  | 9.42  | 15.05 | 15.11 | 111.83 |
| 421 | 10.06 | 4.42  | 6.74  | 24.88 | 25.18 | 13.64 | 8.86  | 7.18  | 9.35  | 19.35 | 30.47 | 22.73 | 182.88 |
| 422 | 5.54  | 1.87  | 1.12  | 13.93 | 26.61 | 14.93 | 9.63  | 8.47  | 11.97 | 22.23 | 26.60 | 15.60 | 158.49 |
| 423 | 5.17  | 1.75  | 1.01  | 12.15 | 21.58 | 10.98 | 6.98  | 6.38  | 9.20  | 17.58 | 22.43 | 14.30 | 129.50 |
| 424 | 3.36  | 1.17  | 0.52  | 8.29  | 17.31 | 10.03 | 6.39  | 5.35  | 7.93  | 14.24 | 16.39 | 9.50  | 100.49 |
| 425 | 2.70  | 0.72  | 2.06  | 17.91 | 25.38 | 12.15 | 8.31  | 7.77  | 11.90 | 23.38 | 27.08 | 12.35 | 151.70 |
| 426 | 2.32  | 0.46  | 0.37  | 13.56 | 19.75 | 8.97  | 6.01  | 5.77  | 8.61  | 17.93 | 22.92 | 11.10 | 117.77 |
| 427 | 2.60  | 0.53  | 0.79  | 19.14 | 28.23 | 13.08 | 8.68  | 8.07  | 12.32 | 24.49 | 28.13 | 12.53 | 158.58 |
| 428 | 2.46  | 0.49  | 0.87  | 15.66 | 21.47 | 10.12 | 6.75  | 6.38  | 10.09 | 20.30 | 25.27 | 11.92 | 131.77 |
| 429 | 2.21  | 0.45  | 0.45  | 12.88 | 19.42 | 8.53  | 5.51  | 5.42  | 8.16  | 16.09 | 20.40 | 10.52 | 110.03 |
| 430 | 2.50  | 0.82  | 2.86  | 15.37 | 18.01 | 7.92  | 5.01  | 5.03  | 7.68  | 14.78 | 19.76 | 10.62 | 110.35 |
| 431 | 2.76  | 0.41  | 1.63  | 18.87 | 14.61 | 5.38  | 2.19  | 1.70  | 5.14  | 15.07 | 22.10 | 13.23 | 103.10 |
| 432 | 3.12  | 0.69  | 1.30  | 20.76 | 22.67 | 8.70  | 4.79  | 4.51  | 6.29  | 14.77 | 24.59 | 14.06 | 126.25 |
| 433 | 3.87  | 1.46  | 6.05  | 25.40 | 24.11 | 10.58 | 6.07  | 5.58  | 8.03  | 18.89 | 29.00 | 15.32 | 154.35 |
| 434 | 6.64  | 2.51  | 3.51  | 18.61 | 18.80 | 8.08  | 4.35  | 3.95  | 5.27  | 11.71 | 22.44 | 17.19 | 123.07 |
| 435 | 7.66  | 3.44  | 7.41  | 24.24 | 22.43 | 10.53 | 5.74  | 4.89  | 6.39  | 13.68 | 24.89 | 18.76 | 150.07 |
| 436 | 7.05  | 2.60  | 3.49  | 17.75 | 19.43 | 10.14 | 5.88  | 4.99  | 6.96  | 15.72 | 26.60 | 18.66 | 139.27 |
| 437 | 7.51  | 2.73  | 2.88  | 16.65 | 18.26 | 7.47  | 2.98  | 2.38  | 4.70  | 12.99 | 25.82 | 18.81 | 123.17 |
| 438 | 12.45 | 5.28  | 12.21 | 37.15 | 33.39 | 18.15 | 10.22 | 7.87  | 12.87 | 26.48 | 36.91 | 28.06 | 241.03 |
| 439 | 6.80  | 3.44  | 4.64  | 11.08 | 12.71 | 8.21  | 4.45  | 2.30  | 3.17  | 8.47  | 14.25 | 13.84 | 93.35  |
| 440 | 12.82 | 5.73  | 9.56  | 29.15 | 29.43 | 16.87 | 9.93  | 7.77  | 11.32 | 22.90 | 33.56 | 26.91 | 215.93 |
| 441 | 17.57 | 9.28  | 16.24 | 40.29 | 37.62 | 22.33 | 13.63 | 10.32 | 14.70 | 28.58 | 37.98 | 32.15 | 280.68 |
| 442 | 14.66 | 7.09  | 9.81  | 28.03 | 30.02 | 17.75 | 9.96  | 7.86  | 11.30 | 24.00 | 33.52 | 28.25 | 222.26 |

|     |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 443 | 11.85 | 5.47  | 4.53  | 18.36 | 22.74 | 11.61 | 5.72  | 4.78  | 7.26  | 17.74 | 29.70 | 23.68 | 163.46 |
| 444 | 16.64 | 8.21  | 12.51 | 38.97 | 41.02 | 22.61 | 12.66 | 9.62  | 13.64 | 28.27 | 39.49 | 31.67 | 275.31 |
| 445 | 11.37 | 5.15  | 5.31  | 19.60 | 23.39 | 13.52 | 6.82  | 5.62  | 8.76  | 18.64 | 27.76 | 22.42 | 168.36 |
| 446 | 14.60 | 7.01  | 9.72  | 26.97 | 28.33 | 17.31 | 10.55 | 8.23  | 11.97 | 23.25 | 33.13 | 27.60 | 218.67 |
| 447 | 18.35 | 10.30 | 13.05 | 31.90 | 27.20 | 14.38 | 8.01  | 5.50  | 8.07  | 17.46 | 28.57 | 28.57 | 211.36 |
| 448 | 12.63 | 7.84  | 6.34  | 14.44 | 13.67 | 7.11  | 3.67  | 2.73  | 4.17  | 8.74  | 17.43 | 18.59 | 117.36 |
| 449 | 11.76 | 6.98  | 6.59  | 16.23 | 16.28 | 8.58  | 3.65  | 2.16  | 3.01  | 6.70  | 14.72 | 16.97 | 113.62 |
| 450 | 9.52  | 4.72  | 4.34  | 11.90 | 11.44 | 5.88  | 2.35  | 1.34  | 3.01  | 8.86  | 14.96 | 15.08 | 93.40  |
| 451 | 9.22  | 4.48  | 4.26  | 11.77 | 10.66 | 5.10  | 1.89  | 1.13  | 2.65  | 8.11  | 13.98 | 14.64 | 87.88  |
| 452 | 12.32 | 7.35  | 6.22  | 15.08 | 16.20 | 8.31  | 3.13  | 1.82  | 3.04  | 7.14  | 15.97 | 17.59 | 114.17 |
| 453 | 10.12 | 6.18  | 6.79  | 15.70 | 14.46 | 7.02  | 3.94  | 2.59  | 3.37  | 6.34  | 11.72 | 15.10 | 103.33 |
| 454 | 15.23 | 8.79  | 6.59  | 15.61 | 22.03 | 12.51 | 5.45  | 3.94  | 5.76  | 13.57 | 24.91 | 23.52 | 157.91 |
| 455 | 13.34 | 7.97  | 6.03  | 14.30 | 16.22 | 7.49  | 3.45  | 2.62  | 4.13  | 9.61  | 20.29 | 19.92 | 125.37 |
| 456 | 17.84 | 10.85 | 10.81 | 24.67 | 26.21 | 15.14 | 7.55  | 4.74  | 6.37  | 13.35 | 22.87 | 24.58 | 184.97 |
| 457 | 17.42 | 9.49  | 12.31 | 32.16 | 26.96 | 13.79 | 7.30  | 4.84  | 7.12  | 16.22 | 27.69 | 27.45 | 202.73 |
| 458 | 15.80 | 7.97  | 10.04 | 28.53 | 25.80 | 13.25 | 7.01  | 4.53  | 6.81  | 16.68 | 27.99 | 26.31 | 190.74 |
| 459 | 15.92 | 8.19  | 10.75 | 28.64 | 24.50 | 12.90 | 6.87  | 4.51  | 6.88  | 16.28 | 26.83 | 25.84 | 188.10 |
| 460 | 17.49 | 10.69 | 18.77 | 39.69 | 34.89 | 20.99 | 12.60 | 8.50  | 11.35 | 25.78 | 38.29 | 30.81 | 269.84 |
| 461 | 10.70 | 5.74  | 8.67  | 16.95 | 14.42 | 7.76  | 4.26  | 2.70  | 4.35  | 10.23 | 15.83 | 15.67 | 117.28 |
| 462 | 14.63 | 7.40  | 9.97  | 28.66 | 26.10 | 12.14 | 6.05  | 3.95  | 5.90  | 13.60 | 23.11 | 23.10 | 174.61 |
| 463 | 11.27 | 6.64  | 10.94 | 19.61 | 18.30 | 10.37 | 6.03  | 3.73  | 5.41  | 11.97 | 17.17 | 16.74 | 138.19 |
| 501 | 18.61 | 10.92 | 11.98 | 25.92 | 25.30 | 16.27 | 10.74 | 7.54  | 8.99  | 19.25 | 31.98 | 29.46 | 216.96 |
| 502 | 27.59 | 16.94 | 23.06 | 46.67 | 40.58 | 28.78 | 21.25 | 16.02 | 18.59 | 32.74 | 45.31 | 41.05 | 358.56 |
| 503 | 21.84 | 12.26 | 13.83 | 30.75 | 30.73 | 21.54 | 15.76 | 11.80 | 13.98 | 26.49 | 38.14 | 33.60 | 270.73 |
| 504 | 29.27 | 17.60 | 24.31 | 54.87 | 47.39 | 32.07 | 22.63 | 17.19 | 20.00 | 34.73 | 47.10 | 43.14 | 390.31 |
| 505 | 25.20 | 15.05 | 19.09 | 40.24 | 35.35 | 24.34 | 17.56 | 13.19 | 15.75 | 29.33 | 42.03 | 38.20 | 315.33 |
| 506 | 19.71 | 11.23 | 11.84 | 27.34 | 27.26 | 18.14 | 12.79 | 9.51  | 11.59 | 22.82 | 34.67 | 31.05 | 237.97 |
| 507 | 19.35 | 11.38 | 12.53 | 28.41 | 30.35 | 19.83 | 13.16 | 9.70  | 11.74 | 23.36 | 35.24 | 30.66 | 245.70 |
| 508 | 15.06 | 9.07  | 11.40 | 20.28 | 17.93 | 10.60 | 6.59  | 4.48  | 5.93  | 12.26 | 18.69 | 20.66 | 152.96 |
| 609 | 16.19 | 6.39  | 12.67 | 47.98 | 43.05 | 23.81 | 9.97  | 5.83  | 8.64  | 28.13 | 47.06 | 36.12 | 285.83 |
| 610 | 16.70 | 6.67  | 13.97 | 48.66 | 39.23 | 20.14 | 7.65  | 4.00  | 6.26  | 23.75 | 45.02 | 36.70 | 268.75 |
| 611 | 15.68 | 6.20  | 12.12 | 46.04 | 37.76 | 22.14 | 9.77  | 4.54  | 5.77  | 23.42 | 42.85 | 34.42 | 260.72 |
| 612 | 16.54 | 6.58  | 13.48 | 48.43 | 39.67 | 21.53 | 8.59  | 4.72  | 7.10  | 25.59 | 45.84 | 36.64 | 274.72 |
| 608 | 16.51 | 6.47  | 12.82 | 47.47 | 40.66 | 22.85 | 9.46  | 4.22  | 6.30  | 24.49 | 45.47 | 36.34 | 273.06 |
| 607 | 14.80 | 5.46  | 9.84  | 42.97 | 38.51 | 17.59 | 6.64  | 3.67  | 5.31  | 20.10 | 40.07 | 33.71 | 238.66 |
| 601 | 14.75 | 6.59  | 13.98 | 44.67 | 29.72 | 11.15 | 2.30  | 0.66  | 1.10  | 8.98  | 30.25 | 30.50 | 194.66 |
| 602 | 13.57 | 5.06  | 10.95 | 41.13 | 24.89 | 8.45  | 1.81  | 0.67  | 0.73  | 5.36  | 25.45 | 28.12 | 166.19 |
| 603 | 13.71 | 5.04  | 9.65  | 39.22 | 28.87 | 10.38 | 3.39  | 1.68  | 2.43  | 12.74 | 32.09 | 29.80 | 188.98 |
| 604 | 14.16 | 5.21  | 9.91  | 39.74 | 32.38 | 13.00 | 4.08  | 2.08  | 3.20  | 16.71 | 36.39 | 31.43 | 208.28 |
| 605 | 13.66 | 5.11  | 11.23 | 42.68 | 30.62 | 14.26 | 3.59  | 0.62  | 0.75  | 9.60  | 31.22 | 29.32 | 192.67 |
| 606 | 13.64 | 5.08  | 11.28 | 39.94 | 22.58 | 8.07  | 2.07  | 0.80  | 0.91  | 5.44  | 25.75 | 28.28 | 163.85 |
| 613 | 11.60 | 4.66  | 9.64  | 33.75 | 24.50 | 9.71  | 2.33  | 0.60  | 0.86  | 4.81  | 21.10 | 23.07 | 146.63 |
| 614 | 14.04 | 5.24  | 10.79 | 41.49 | 28.44 | 10.62 | 2.47  | 1.05  | 1.66  | 10.08 | 30.79 | 29.95 | 186.60 |
| 615 | 11.85 | 4.41  | 9.61  | 36.74 | 24.79 | 7.82  | 0.93  | 0.00  | 0.00  | 2.65  | 20.11 | 24.31 | 143.22 |
| 616 | 16.61 | 6.77  | 13.73 | 48.05 | 39.36 | 23.67 | 11.07 | 5.35  | 7.01  | 25.80 | 44.87 | 35.99 | 278.28 |
| 618 | 16.86 | 6.81  | 13.97 | 48.02 | 37.93 | 18.56 | 6.74  | 3.86  | 6.61  | 25.56 | 45.56 | 37.05 | 267.54 |
| 624 | 15.76 | 5.84  | 11.62 | 44.22 | 31.01 | 12.07 | 4.44  | 1.90  | 2.96  | 16.22 | 40.11 | 34.53 | 220.67 |
| 617 | 15.73 | 6.23  | 12.61 | 46.87 | 38.68 | 20.88 | 7.23  | 3.13  | 5.49  | 22.80 | 42.72 | 34.97 | 257.35 |
| 619 | 14.61 | 5.46  | 11.25 | 42.67 | 34.14 | 19.13 | 7.09  | 2.35  | 3.26  | 17.83 | 37.95 | 32.25 | 228.01 |
| 620 | 15.86 | 6.38  | 13.33 | 46.45 | 37.63 | 22.46 | 10.20 | 4.53  | 6.14  | 23.43 | 42.45 | 34.42 | 263.27 |
| 621 | 13.75 | 5.25  | 11.03 | 39.87 | 27.36 | 9.78  | 1.99  | 0.20  | 0.26  | 7.29  | 29.34 | 29.24 | 175.35 |

|     |       |       |       |       |       |       |       |      |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|--------|
| 622 | 14.44 | 5.40  | 11.52 | 41.45 | 27.12 | 9.38  | 1.75  | 0.14 | 0.50  | 9.28  | 32.12 | 30.78 | 183.88 |
| 623 | 15.34 | 5.90  | 12.79 | 43.86 | 30.59 | 13.96 | 3.03  | 0.41 | 1.23  | 13.15 | 36.41 | 32.92 | 209.59 |
| 625 | 15.95 | 6.13  | 12.52 | 46.31 | 38.17 | 21.25 | 8.27  | 3.84 | 6.06  | 23.79 | 44.02 | 35.42 | 261.72 |
| 626 | 13.93 | 5.18  | 11.11 | 42.99 | 29.40 | 10.83 | 1.96  | 0.37 | 0.67  | 9.13  | 30.87 | 30.09 | 186.52 |
| 627 | 13.81 | 5.12  | 11.07 | 43.38 | 29.19 | 10.54 | 2.38  | 0.51 | 0.62  | 8.60  | 30.07 | 30.05 | 185.35 |
| 628 | 15.57 | 5.91  | 11.90 | 45.22 | 36.48 | 19.70 | 6.93  | 2.75 | 4.52  | 21.34 | 42.11 | 34.55 | 246.98 |
| 629 | 13.44 | 5.00  | 10.06 | 38.74 | 29.08 | 11.21 | 2.00  | 0.32 | 0.96  | 10.91 | 30.67 | 29.06 | 181.46 |
| 630 | 15.47 | 5.76  | 11.58 | 45.00 | 35.55 | 20.75 | 8.04  | 2.83 | 4.51  | 22.67 | 42.69 | 34.68 | 249.53 |
| 631 | 15.44 | 5.81  | 11.61 | 42.72 | 30.77 | 11.84 | 3.16  | 0.90 | 2.16  | 17.17 | 39.33 | 34.09 | 215.00 |
| 632 | 16.52 | 6.32  | 13.13 | 46.98 | 36.39 | 19.14 | 6.60  | 2.87 | 5.01  | 22.08 | 43.42 | 36.03 | 254.51 |
| 633 | 13.47 | 4.99  | 10.65 | 42.65 | 31.97 | 15.11 | 3.80  | 0.50 | 0.76  | 9.79  | 31.22 | 29.27 | 194.17 |
| 634 | 13.51 | 5.01  | 10.52 | 40.07 | 27.37 | 9.66  | 1.85  | 0.12 | 0.17  | 7.02  | 28.91 | 28.69 | 172.89 |
| 635 | 15.05 | 5.59  | 11.51 | 45.30 | 35.57 | 20.66 | 8.28  | 2.96 | 4.14  | 20.16 | 40.55 | 33.46 | 243.23 |
| 636 | 16.52 | 6.42  | 13.16 | 47.76 | 39.29 | 21.73 | 8.31  | 3.66 | 5.94  | 24.44 | 45.24 | 36.29 | 268.76 |
| 637 | 12.97 | 6.21  | 14.81 | 31.40 | 24.09 | 11.44 | 2.51  | 0.22 | 0.05  | 4.02  | 21.28 | 25.53 | 154.52 |
| 638 | 14.86 | 5.59  | 11.72 | 43.05 | 33.16 | 16.72 | 4.98  | 1.69 | 3.07  | 16.55 | 38.01 | 32.53 | 221.92 |
| 639 | 18.63 | 8.94  | 21.29 | 40.76 | 32.16 | 17.65 | 6.35  | 2.40 | 4.97  | 20.56 | 39.72 | 36.02 | 249.44 |
| 640 | 13.26 | 5.80  | 13.93 | 32.74 | 24.46 | 9.60  | 1.66  | 0.11 | 0.42  | 4.75  | 22.54 | 25.88 | 155.14 |
| 641 | 14.35 | 6.93  | 17.47 | 32.46 | 21.72 | 7.77  | 0.80  | 0.08 | 0.25  | 4.53  | 23.12 | 28.05 | 157.52 |
| 642 | 9.96  | 4.26  | 9.28  | 28.21 | 24.08 | 8.48  | 1.54  | 0.26 | 0.32  | 2.82  | 14.03 | 20.22 | 123.46 |
| 643 | 15.94 | 7.31  | 18.72 | 35.48 | 25.64 | 13.76 | 3.95  | 0.84 | 2.00  | 12.82 | 32.19 | 31.40 | 200.05 |
| 650 | 24.53 | 18.28 | 37.08 | 67.67 | 51.71 | 25.79 | 12.25 | 7.54 | 11.60 | 33.21 | 51.83 | 44.58 | 386.08 |
| 651 | 23.44 | 16.28 | 31.50 | 48.22 | 35.48 | 18.67 | 6.80  | 2.88 | 5.08  | 19.39 | 38.94 | 39.18 | 285.86 |
| 644 | 14.02 | 6.31  | 15.08 | 32.71 | 23.75 | 8.34  | 1.13  | 0.01 | 0.10  | 5.16  | 24.24 | 27.51 | 158.35 |
| 645 | 16.01 | 6.90  | 17.46 | 37.15 | 27.80 | 16.51 | 7.07  | 2.22 | 3.51  | 17.32 | 35.31 | 32.41 | 219.68 |
| 646 | 18.07 | 8.32  | 20.28 | 35.93 | 24.94 | 9.40  | 1.78  | 0.72 | 2.45  | 16.16 | 38.74 | 35.94 | 212.73 |
| 647 | 15.59 | 7.04  | 17.76 | 35.72 | 26.34 | 13.84 | 3.76  | 0.57 | 1.46  | 12.01 | 31.80 | 31.10 | 196.97 |
| 648 | 16.14 | 7.34  | 17.97 | 35.82 | 27.36 | 14.25 | 3.59  | 0.51 | 1.89  | 13.71 | 33.88 | 32.61 | 205.05 |
| 649 | 18.04 | 8.33  | 20.39 | 35.92 | 25.03 | 9.86  | 2.03  | 0.82 | 2.63  | 16.44 | 38.72 | 35.88 | 214.09 |
| 652 | 18.16 | 8.46  | 20.02 | 40.44 | 33.50 | 20.07 | 9.00  | 4.05 | 6.44  | 23.18 | 41.15 | 36.23 | 260.71 |
| 653 | 16.42 | 6.83  | 17.62 | 38.72 | 29.99 | 18.91 | 9.31  | 3.77 | 5.35  | 21.92 | 39.25 | 33.64 | 241.75 |
| 654 | 17.34 | 7.77  | 18.56 | 39.39 | 32.91 | 19.29 | 7.89  | 3.20 | 5.58  | 21.63 | 40.03 | 35.30 | 248.91 |
| 655 | 17.50 | 8.09  | 20.02 | 34.93 | 22.53 | 8.22  | 1.70  | 0.42 | 1.84  | 13.52 | 35.83 | 34.45 | 199.06 |
| 656 | 16.80 | 7.37  | 17.98 | 38.76 | 32.06 | 19.36 | 8.44  | 3.56 | 5.75  | 22.02 | 39.53 | 34.47 | 246.10 |
| 657 | 13.46 | 6.42  | 15.14 | 31.63 | 23.06 | 8.28  | 1.28  | 0.05 | 0.00  | 3.30  | 21.27 | 26.51 | 150.41 |
| 658 | 14.55 | 7.09  | 17.94 | 32.68 | 21.58 | 8.79  | 0.90  | 0.00 | 0.00  | 4.25  | 23.34 | 27.93 | 159.03 |
| 659 | 13.34 | 6.36  | 14.99 | 31.57 | 24.77 | 11.13 | 2.06  | 0.20 | 0.01  | 4.40  | 22.35 | 26.65 | 157.83 |
| 660 | 17.50 | 7.64  | 18.48 | 39.23 | 31.42 | 18.29 | 7.23  | 2.90 | 5.34  | 20.89 | 39.57 | 35.55 | 244.03 |
| 661 | 14.15 | 6.84  | 17.02 | 32.27 | 22.41 | 9.19  | 1.51  | 0.31 | 0.26  | 4.29  | 23.15 | 27.46 | 158.87 |
| 662 | 17.51 | 7.66  | 18.92 | 39.75 | 32.06 | 19.30 | 8.44  | 3.47 | 5.73  | 22.24 | 40.65 | 35.75 | 251.48 |
| 663 | 15.24 | 6.15  | 15.41 | 36.84 | 28.74 | 15.39 | 5.16  | 1.64 | 2.76  | 15.17 | 33.36 | 30.92 | 206.79 |
| 664 | 12.49 | 5.75  | 12.53 | 31.19 | 26.60 | 12.76 | 3.29  | 0.48 | 0.57  | 5.47  | 22.17 | 25.05 | 158.35 |
| 665 | 16.76 | 7.34  | 18.33 | 38.69 | 30.63 | 17.62 | 7.02  | 2.29 | 4.11  | 18.90 | 37.20 | 33.63 | 232.53 |
| 666 | 9.82  | 4.18  | 8.18  | 28.16 | 26.93 | 10.89 | 1.95  | 0.12 | 0.00  | 1.98  | 14.24 | 20.35 | 126.80 |
| 667 | 9.62  | 4.01  | 8.09  | 27.80 | 25.23 | 9.51  | 2.02  | 0.20 | 0.17  | 2.04  | 13.37 | 20.00 | 122.04 |
| 668 | 13.80 | 5.74  | 13.11 | 34.43 | 29.73 | 15.59 | 4.86  | 1.12 | 1.93  | 11.83 | 28.91 | 28.36 | 189.42 |
| 669 | 17.34 | 7.39  | 18.34 | 39.00 | 30.41 | 16.87 | 5.81  | 2.11 | 4.36  | 18.97 | 38.28 | 34.98 | 233.85 |
| 670 | 16.92 | 7.55  | 17.62 | 39.69 | 34.10 | 20.51 | 9.52  | 4.43 | 6.57  | 22.50 | 40.11 | 34.74 | 254.23 |
| 671 | 14.48 | 6.72  | 16.24 | 32.85 | 23.84 | 9.12  | 1.61  | 0.30 | 0.41  | 6.49  | 25.70 | 28.56 | 166.30 |
| 672 | 15.57 | 6.52  | 16.46 | 37.62 | 29.62 | 12.80 | 3.41  | 1.33 | 3.07  | 17.26 | 36.56 | 32.61 | 212.83 |
| 673 | 17.71 | 8.03  | 18.19 | 40.59 | 34.45 | 19.28 | 7.54  | 4.00 | 6.70  | 22.22 | 40.80 | 36.24 | 255.75 |

|     |       |       |       |       |       |       |      |      |      |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|--------|
| 674 | 11.46 | 4.22  | 7.15  | 36.01 | 37.49 | 15.13 | 3.36 | 0.45 | 0.55 | 10.59 | 29.47 | 28.13 | 184.00 |
| 675 | 11.61 | 4.32  | 7.53  | 36.32 | 37.40 | 15.30 | 3.59 | 0.64 | 0.84 | 11.17 | 29.95 | 28.42 | 187.10 |
| 676 | 16.31 | 7.70  | 17.59 | 38.04 | 31.74 | 16.85 | 5.57 | 2.13 | 3.82 | 16.46 | 35.70 | 32.95 | 224.84 |
| 677 | 11.11 | 4.09  | 7.10  | 35.64 | 37.96 | 16.68 | 3.53 | 0.60 | 0.56 | 10.15 | 28.30 | 27.29 | 183.03 |
| 678 | 10.45 | 4.50  | 8.98  | 37.93 | 36.77 | 13.84 | 3.30 | 0.52 | 1.03 | 7.87  | 24.78 | 24.26 | 174.22 |
| 679 | 16.85 | 10.75 | 22.21 | 44.64 | 39.73 | 15.60 | 5.60 | 2.18 | 3.31 | 16.52 | 35.09 | 29.77 | 242.24 |
| 701 | 10.20 | 4.43  | 11.16 | 34.39 | 34.84 | 15.39 | 4.23 | 0.16 | 0.93 | 8.14  | 24.96 | 23.35 | 172.18 |
| 702 | 10.10 | 4.42  | 11.17 | 34.08 | 33.49 | 12.19 | 1.92 | 0.05 | 0.59 | 7.00  | 23.40 | 23.23 | 161.62 |
| 703 | 10.13 | 4.43  | 11.14 | 34.25 | 34.45 | 13.35 | 2.75 | 0.04 | 0.69 | 7.48  | 24.02 | 23.30 | 166.02 |
| 704 | 10.14 | 4.42  | 11.14 | 34.25 | 34.53 | 13.49 | 2.87 | 0.04 | 0.70 | 7.52  | 24.12 | 23.30 | 166.51 |
| 705 | 9.80  | 4.19  | 10.51 | 34.61 | 34.78 | 15.79 | 4.92 | 0.48 | 1.00 | 8.36  | 24.18 | 22.67 | 171.31 |
| 706 | 7.18  | 2.68  | 6.42  | 35.21 | 33.27 | 10.51 | 1.05 | 0.09 | 0.07 | 1.45  | 12.34 | 16.67 | 126.91 |
| 707 | 7.12  | 2.64  | 6.31  | 35.35 | 34.06 | 12.48 | 1.94 | 0.06 | 0.02 | 1.73  | 13.09 | 17.09 | 131.89 |
| 708 | 8.30  | 3.34  | 7.90  | 34.24 | 33.18 | 11.89 | 1.96 | 0.07 | 0.21 | 3.17  | 14.86 | 17.91 | 137.03 |
| 709 | 9.99  | 4.42  | 11.31 | 34.27 | 27.48 | 9.20  | 1.39 | 0.17 | 0.34 | 2.93  | 15.48 | 20.56 | 137.53 |
| 710 | 13.17 | 5.38  | 13.35 | 35.08 | 29.16 | 12.49 | 3.26 | 0.76 | 1.35 | 10.07 | 28.02 | 27.74 | 179.82 |
| 711 | 15.10 | 6.23  | 11.88 | 36.39 | 37.57 | 20.85 | 8.78 | 4.18 | 5.44 | 21.40 | 41.55 | 34.41 | 243.78 |
| 712 | 14.73 | 5.80  | 13.00 | 36.67 | 33.15 | 15.41 | 4.28 | 2.14 | 3.26 | 16.37 | 36.18 | 32.48 | 213.48 |
| 713 | 16.66 | 7.83  | 18.08 | 38.54 | 28.65 | 11.63 | 2.85 | 0.76 | 1.74 | 11.73 | 31.75 | 32.44 | 202.66 |
| 714 | 15.11 | 6.04  | 15.14 | 35.55 | 24.47 | 9.53  | 1.64 | 0.25 | 0.85 | 9.12  | 28.96 | 30.20 | 176.85 |
| 715 | 17.31 | 7.88  | 19.46 | 38.08 | 26.29 | 10.68 | 2.64 | 0.83 | 1.93 | 12.28 | 31.72 | 33.86 | 202.97 |
| 716 | 10.75 | 4.86  | 8.25  | 28.78 | 26.87 | 10.24 | 1.83 | 0.00 | 0.00 | 2.71  | 18.66 | 22.91 | 135.86 |
| 717 | 14.46 | 6.99  | 17.29 | 31.38 | 17.22 | 2.98  | 0.01 | 0.00 | 0.00 | 1.59  | 18.11 | 27.45 | 137.50 |
| 718 | 11.26 | 5.13  | 9.68  | 29.43 | 26.02 | 10.01 | 2.29 | 0.44 | 0.50 | 4.47  | 20.35 | 23.61 | 143.19 |
| 719 | 16.00 | 7.33  | 17.31 | 35.56 | 24.90 | 10.45 | 2.69 | 0.52 | 0.89 | 8.90  | 28.28 | 31.68 | 184.51 |
| 720 | 17.39 | 8.30  | 19.49 | 38.10 | 27.10 | 10.89 | 2.40 | 0.55 | 1.36 | 10.92 | 30.86 | 33.37 | 200.74 |
| 721 | 11.71 | 5.05  | 10.56 | 30.14 | 23.96 | 7.78  | 1.02 | 0.23 | 0.30 | 2.92  | 18.09 | 23.42 | 135.17 |
| 722 | 16.35 | 7.57  | 17.81 | 37.29 | 26.78 | 10.54 | 2.38 | 0.56 | 1.43 | 10.29 | 29.51 | 31.83 | 192.34 |
| 723 | 14.40 | 6.98  | 17.35 | 31.40 | 18.32 | 5.18  | 0.12 | 0.00 | 0.00 | 1.73  | 18.88 | 27.56 | 141.93 |
| 724 | 12.48 | 6.26  | 15.68 | 31.35 | 17.83 | 2.93  | 0.02 | 0.01 | 0.01 | 1.12  | 13.50 | 22.93 | 124.13 |
| 725 | 11.07 | 5.69  | 14.78 | 32.16 | 22.55 | 8.62  | 2.01 | 0.20 | 0.01 | 2.05  | 13.96 | 20.72 | 133.83 |
| 726 | 14.74 | 5.99  | 14.96 | 35.43 | 25.79 | 9.00  | 1.90 | 0.89 | 1.51 | 10.53 | 29.47 | 30.35 | 180.55 |
| 727 | 18.11 | 10.10 | 21.61 | 41.59 | 29.25 | 10.97 | 2.47 | 0.58 | 1.31 | 10.31 | 30.06 | 33.38 | 209.75 |
| 728 | 14.61 | 7.02  | 17.43 | 31.67 | 18.66 | 4.86  | 0.47 | 0.16 | 0.26 | 2.66  | 19.62 | 27.84 | 145.25 |
| 729 | 18.07 | 9.29  | 20.50 | 43.41 | 33.06 | 13.85 | 3.82 | 1.43 | 2.51 | 13.93 | 33.79 | 34.73 | 228.40 |
| 730 | 22.08 | 10.00 | 18.14 | 50.10 | 42.44 | 21.85 | 7.36 | 3.20 | 5.74 | 20.68 | 41.31 | 42.61 | 285.51 |
| 731 | 13.11 | 5.63  | 12.40 | 32.59 | 26.24 | 9.66  | 1.69 | 0.07 | 0.19 | 4.73  | 23.88 | 26.39 | 156.59 |
| 732 | 11.53 | 5.25  | 9.06  | 30.50 | 31.00 | 14.39 | 4.54 | 0.79 | 0.43 | 5.02  | 24.75 | 24.89 | 162.15 |
| 733 | 15.79 | 7.25  | 16.41 | 39.45 | 32.05 | 15.04 | 3.96 | 0.78 | 1.83 | 12.21 | 32.37 | 31.81 | 208.95 |
| 734 | 18.38 | 8.65  | 20.12 | 42.17 | 34.48 | 18.73 | 7.33 | 3.48 | 6.09 | 21.40 | 40.35 | 36.41 | 257.60 |
| 735 | 15.49 | 6.76  | 13.73 | 34.73 | 33.58 | 18.02 | 7.90 | 3.88 | 5.40 | 20.95 | 39.24 | 33.67 | 233.34 |
| 736 | 19.58 | 9.54  | 21.07 | 43.09 | 34.58 | 18.31 | 6.52 | 2.39 | 4.38 | 18.72 | 38.68 | 36.63 | 253.49 |
| 737 | 13.92 | 6.75  | 16.53 | 31.95 | 20.89 | 6.30  | 1.01 | 0.04 | 0.00 | 2.82  | 21.26 | 27.19 | 148.67 |
| 738 | 20.67 | 8.65  | 17.00 | 49.29 | 39.42 | 17.59 | 5.03 | 2.60 | 5.42 | 19.69 | 39.95 | 41.57 | 266.89 |
| 739 | 20.43 | 8.52  | 16.87 | 46.99 | 38.48 | 19.42 | 5.97 | 2.51 | 4.61 | 18.55 | 39.34 | 40.67 | 262.36 |
| 740 | 14.11 | 6.04  | 14.57 | 34.20 | 25.68 | 12.08 | 2.64 | 0.56 | 1.20 | 7.11  | 26.43 | 27.90 | 172.52 |
| 741 | 17.83 | 6.71  | 11.79 | 43.07 | 39.65 | 19.58 | 5.36 | 1.97 | 3.63 | 15.98 | 35.68 | 36.49 | 237.74 |
| 742 | 19.54 | 8.15  | 14.59 | 46.22 | 42.04 | 20.63 | 7.10 | 3.94 | 6.69 | 21.95 | 41.00 | 39.68 | 271.51 |
| 743 | 17.55 | 7.27  | 14.27 | 40.83 | 32.77 | 16.42 | 4.39 | 1.26 | 2.15 | 12.20 | 32.42 | 35.20 | 216.72 |
| 744 | 16.24 | 6.70  | 13.89 | 39.60 | 28.62 | 12.84 | 2.51 | 0.52 | 0.43 | 5.21  | 25.18 | 31.50 | 183.24 |
| 745 | 14.80 | 6.08  | 11.70 | 38.16 | 31.24 | 14.91 | 3.16 | 0.14 | 0.18 | 4.93  | 23.77 | 29.13 | 178.22 |

|     |       |       |       |       |       |       |       |      |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|--------|
| 746 | 19.64 | 7.94  | 14.42 | 46.43 | 41.70 | 22.20 | 7.82  | 3.57 | 6.16  | 21.60 | 41.55 | 40.73 | 273.76 |
| 747 | 21.21 | 8.88  | 16.22 | 53.17 | 46.34 | 23.69 | 7.78  | 3.05 | 5.96  | 22.54 | 42.76 | 43.35 | 294.97 |
| 748 | 19.96 | 8.18  | 15.17 | 45.32 | 36.11 | 14.13 | 3.25  | 1.42 | 2.81  | 14.84 | 36.58 | 39.77 | 237.52 |
| 749 | 14.91 | 5.74  | 9.25  | 36.40 | 24.60 | 9.25  | 3.23  | 1.00 | 3.72  | 16.71 | 37.10 | 33.18 | 195.08 |
| 750 | 15.90 | 6.94  | 11.76 | 43.77 | 33.60 | 14.29 | 7.11  | 2.84 | 8.09  | 25.02 | 42.28 | 34.73 | 246.32 |
| 751 | 15.78 | 6.04  | 10.38 | 37.66 | 26.19 | 11.85 | 5.49  | 2.27 | 6.34  | 23.52 | 41.29 | 34.77 | 221.60 |
| 752 | 15.56 | 6.23  | 10.34 | 40.85 | 31.58 | 12.67 | 5.78  | 2.07 | 6.79  | 22.87 | 41.32 | 34.47 | 230.52 |
| 753 | 15.74 | 6.02  | 10.40 | 42.79 | 34.30 | 16.00 | 6.55  | 2.20 | 7.39  | 25.29 | 43.09 | 35.54 | 245.31 |
| 754 | 17.57 | 7.57  | 14.00 | 45.62 | 36.03 | 16.40 | 8.19  | 3.59 | 9.93  | 29.59 | 46.96 | 37.54 | 273.01 |
| 755 | 14.67 | 5.49  | 10.39 | 35.84 | 18.31 | 6.52  | 1.47  | 0.24 | 1.59  | 13.11 | 34.44 | 32.35 | 174.41 |
| 756 | 16.20 | 7.71  | 13.22 | 49.59 | 41.15 | 17.22 | 7.94  | 2.75 | 8.30  | 24.91 | 42.92 | 35.04 | 266.94 |
| 757 | 17.85 | 9.74  | 18.94 | 49.45 | 39.23 | 17.33 | 8.28  | 3.06 | 8.68  | 25.86 | 43.95 | 36.05 | 278.41 |
| 758 | 11.78 | 4.33  | 6.15  | 31.77 | 28.13 | 12.03 | 4.19  | 1.32 | 3.31  | 14.66 | 30.68 | 28.20 | 176.56 |
| 759 | 14.43 | 7.35  | 11.80 | 43.75 | 38.52 | 16.38 | 7.64  | 2.37 | 6.77  | 20.83 | 37.82 | 31.44 | 239.09 |
| 760 | 19.43 | 12.39 | 24.61 | 57.39 | 44.84 | 19.29 | 9.90  | 3.53 | 9.80  | 27.05 | 45.78 | 37.17 | 311.19 |
| 761 | 16.25 | 7.38  | 13.29 | 41.85 | 32.80 | 14.79 | 6.01  | 2.22 | 6.72  | 22.80 | 41.27 | 35.01 | 240.40 |
| 762 | 13.44 | 5.08  | 8.08  | 35.15 | 30.33 | 12.47 | 3.39  | 0.70 | 4.15  | 18.03 | 34.93 | 30.94 | 196.68 |
| 763 | 17.26 | 8.85  | 16.72 | 45.62 | 33.37 | 13.90 | 6.78  | 2.43 | 7.54  | 24.03 | 42.90 | 36.26 | 255.65 |
| 764 | 14.00 | 5.05  | 5.38  | 33.01 | 39.14 | 23.29 | 12.39 | 5.91 | 11.31 | 32.26 | 48.10 | 34.95 | 264.78 |
| 801 | 10.33 | 3.90  | 4.62  | 29.80 | 36.11 | 14.48 | 7.26  | 2.80 | 6.73  | 23.07 | 38.36 | 26.90 | 204.36 |
| 802 | 10.35 | 3.91  | 4.63  | 29.86 | 36.54 | 14.83 | 7.35  | 2.84 | 6.79  | 23.15 | 38.53 | 26.98 | 205.77 |
| 803 | 8.64  | 3.15  | 3.47  | 29.83 | 37.49 | 20.93 | 12.26 | 6.26 | 7.22  | 19.52 | 31.34 | 22.45 | 202.56 |
| 804 | 9.25  | 3.42  | 3.88  | 29.78 | 35.59 | 13.57 | 5.32  | 1.90 | 4.51  | 16.87 | 31.98 | 23.81 | 179.89 |
| 805 | 7.40  | 2.80  | 4.12  | 28.26 | 28.39 | 13.10 | 4.09  | 1.05 | 0.58  | 4.65  | 17.24 | 18.35 | 130.02 |
| 806 | 16.81 | 7.92  | 15.09 | 43.32 | 33.99 | 14.80 | 7.51  | 3.34 | 9.10  | 26.77 | 43.64 | 35.77 | 258.05 |
| 807 | 7.04  | 2.72  | 5.11  | 31.83 | 29.01 | 12.17 | 3.65  | 0.77 | 0.62  | 3.36  | 15.40 | 16.62 | 128.29 |
| 808 | 6.84  | 2.66  | 5.58  | 33.28 | 28.38 | 10.86 | 1.78  | 0.17 | 0.14  | 1.84  | 11.79 | 15.26 | 118.57 |
| 809 | 12.75 | 4.84  | 9.54  | 35.25 | 25.49 | 9.81  | 2.74  | 0.89 | 3.03  | 13.84 | 29.76 | 28.00 | 175.93 |
| 810 | 12.75 | 4.84  | 9.54  | 35.25 | 25.49 | 9.81  | 2.74  | 0.89 | 3.03  | 13.84 | 29.76 | 28.00 | 175.93 |
| 811 | 16.67 | 6.80  | 12.71 | 40.60 | 30.44 | 13.21 | 5.93  | 2.77 | 7.83  | 25.47 | 43.72 | 36.50 | 242.66 |
| 812 | 15.61 | 6.45  | 10.44 | 38.29 | 31.83 | 14.57 | 6.37  | 3.16 | 7.91  | 24.51 | 41.65 | 34.67 | 235.44 |
| 813 | 8.28  | 3.13  | 4.67  | 28.60 | 25.34 | 8.51  | 1.77  | 0.29 | 0.46  | 5.16  | 15.88 | 19.11 | 121.21 |
| 814 | 15.12 | 5.65  | 9.78  | 36.80 | 27.65 | 11.79 | 3.73  | 1.23 | 4.57  | 18.85 | 37.79 | 33.27 | 206.22 |
| 815 | 9.10  | 3.38  | 3.64  | 24.76 | 23.73 | 8.68  | 2.15  | 0.41 | 0.67  | 7.26  | 20.27 | 22.12 | 126.17 |
| 816 | 13.63 | 5.17  | 10.00 | 34.26 | 23.70 | 8.60  | 1.94  | 0.46 | 1.59  | 12.14 | 31.35 | 29.74 | 172.57 |
| 817 | 11.60 | 4.34  | 7.55  | 30.68 | 25.93 | 10.19 | 1.96  | 0.23 | 0.93  | 10.24 | 26.99 | 26.85 | 157.50 |
| 818 | 14.35 | 5.39  | 10.00 | 36.56 | 27.03 | 10.51 | 3.67  | 1.48 | 4.06  | 17.37 | 36.60 | 32.34 | 199.36 |
| 819 | 11.17 | 4.20  | 7.64  | 30.30 | 23.32 | 7.69  | 1.64  | 0.28 | 0.83  | 8.08  | 24.45 | 25.08 | 144.69 |
| 820 | 10.49 | 4.01  | 7.28  | 29.30 | 21.16 | 5.74  | 0.99  | 0.08 | 0.42  | 4.49  | 20.16 | 22.65 | 126.75 |
| 821 | 15.04 | 6.02  | 10.14 | 37.71 | 30.53 | 14.52 | 5.49  | 2.11 | 5.80  | 21.41 | 39.33 | 33.45 | 221.56 |
| 822 | 8.25  | 3.11  | 4.24  | 24.95 | 21.61 | 6.66  | 1.72  | 0.32 | 0.66  | 4.94  | 15.99 | 18.68 | 111.12 |
| 823 | 14.05 | 5.22  | 8.86  | 35.32 | 28.74 | 13.37 | 4.20  | 1.12 | 4.15  | 18.11 | 35.86 | 31.62 | 200.62 |
| 824 | 14.28 | 5.32  | 9.37  | 35.69 | 27.76 | 14.36 | 5.16  | 1.40 | 4.02  | 18.52 | 35.86 | 31.72 | 203.44 |
| 825 | 12.03 | 4.57  | 8.41  | 31.87 | 22.53 | 7.92  | 1.65  | 0.36 | 1.00  | 9.16  | 26.90 | 26.73 | 153.13 |
| 826 | 15.54 | 6.02  | 10.28 | 37.28 | 27.07 | 10.55 | 4.08  | 1.54 | 5.27  | 20.42 | 39.42 | 34.12 | 211.57 |
| 827 | 10.26 | 3.83  | 6.39  | 31.04 | 26.90 | 13.88 | 5.52  | 1.21 | 1.42  | 11.35 | 26.17 | 24.62 | 162.60 |
| 828 | 10.11 | 3.77  | 6.21  | 30.93 | 27.27 | 14.37 | 6.75  | 2.26 | 2.28  | 12.49 | 26.52 | 24.33 | 167.28 |
| 829 | 11.82 | 4.42  | 7.83  | 31.63 | 24.76 | 9.92  | 2.28  | 0.29 | 0.85  | 9.63  | 26.22 | 26.10 | 155.75 |
| 830 | 14.25 | 5.38  | 9.85  | 35.44 | 27.43 | 12.79 | 4.11  | 1.09 | 3.86  | 18.14 | 36.00 | 31.57 | 199.91 |
| 831 | 14.37 | 5.31  | 9.90  | 34.22 | 21.88 | 7.13  | 1.32  | 0.15 | 0.78  | 10.11 | 30.04 | 29.68 | 164.90 |
| 832 | 13.72 | 5.09  | 9.43  | 33.83 | 24.31 | 9.51  | 2.01  | 0.21 | 0.97  | 10.70 | 29.63 | 28.85 | 168.26 |

|     |       |       |       |       |       |       |      |      |       |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|--------|
| 833 | 15.58 | 6.26  | 10.57 | 37.87 | 30.01 | 14.54 | 5.74 | 2.23 | 6.53  | 22.93 | 40.37 | 34.14 | 226.76 |
| 834 | 16.98 | 7.82  | 13.89 | 34.66 | 28.05 | 16.30 | 9.07 | 4.55 | 6.81  | 21.00 | 36.33 | 35.20 | 230.65 |
| 835 | 13.76 | 5.71  | 10.27 | 29.90 | 20.93 | 6.33  | 1.07 | 0.37 | 0.85  | 8.27  | 22.74 | 27.98 | 148.18 |
| 836 | 18.05 | 7.92  | 13.90 | 35.39 | 26.51 | 12.17 | 4.10 | 1.69 | 4.97  | 19.18 | 37.41 | 37.42 | 218.71 |
| 837 | 13.21 | 5.62  | 9.81  | 30.48 | 24.40 | 10.09 | 3.61 | 1.39 | 2.16  | 11.27 | 24.21 | 27.24 | 163.51 |
| 838 | 11.30 | 4.79  | 7.92  | 28.70 | 23.33 | 7.75  | 1.82 | 0.53 | 0.46  | 6.37  | 17.56 | 23.14 | 133.65 |
| 839 | 19.53 | 8.94  | 15.28 | 37.47 | 27.83 | 12.99 | 5.22 | 2.70 | 7.40  | 23.91 | 42.26 | 40.26 | 243.79 |
| 840 | 17.52 | 8.10  | 13.66 | 33.94 | 25.13 | 11.21 | 3.19 | 1.09 | 3.66  | 16.15 | 34.48 | 35.97 | 204.10 |
| 841 | 7.86  | 13.23 | 32.03 | 21.02 | 6.61  | 1.16  | 0.43 | 1.51 | 11.10 | 27.95 | 33.74 | 16.56 | 173.19 |
| 842 | 16.94 | 7.44  | 13.59 | 32.86 | 20.00 | 6.25  | 1.01 | 0.42 | 1.50  | 11.32 | 30.10 | 34.67 | 176.09 |
| 843 | 19.50 | 8.87  | 15.36 | 37.47 | 26.14 | 10.18 | 4.57 | 2.87 | 7.46  | 23.62 | 42.20 | 40.29 | 238.54 |
| 844 | 16.58 | 7.49  | 14.20 | 31.99 | 18.14 | 4.70  | 1.27 | 0.49 | 0.73  | 8.04  | 26.95 | 32.91 | 163.49 |
| 845 | 16.36 | 7.34  | 13.97 | 32.00 | 20.61 | 9.15  | 2.12 | 0.10 | 0.64  | 10.41 | 28.86 | 32.87 | 174.42 |
| 846 | 12.88 | 5.88  | 10.92 | 34.09 | 24.75 | 11.88 | 5.53 | 2.34 | 2.85  | 12.13 | 26.47 | 27.09 | 176.81 |
| 847 | 18.79 | 9.57  | 14.94 | 33.94 | 23.05 | 7.78  | 2.37 | 1.32 | 5.35  | 20.96 | 39.48 | 38.78 | 216.33 |
| 848 | 18.91 | 8.47  | 15.74 | 37.37 | 27.55 | 13.42 | 5.25 | 2.56 | 6.48  | 21.89 | 40.33 | 39.00 | 236.96 |
| 849 | 18.81 | 8.72  | 16.07 | 37.31 | 28.21 | 15.09 | 6.42 | 3.02 | 7.50  | 23.78 | 41.13 | 38.79 | 244.85 |
| 850 | 17.78 | 8.49  | 14.60 | 32.21 | 16.26 | 4.28  | 0.94 | 0.42 | 2.20  | 12.51 | 31.98 | 35.80 | 177.50 |
| 851 | 17.78 | 8.49  | 14.60 | 32.20 | 16.26 | 4.28  | 0.94 | 0.42 | 2.20  | 12.50 | 31.97 | 35.80 | 177.45 |
| 852 | 18.91 | 8.58  | 14.60 | 37.02 | 27.84 | 12.18 | 4.54 | 2.38 | 6.46  | 22.07 | 40.48 | 39.30 | 234.36 |
| 853 | 18.64 | 8.19  | 14.94 | 36.69 | 26.58 | 12.58 | 4.65 | 2.14 | 5.92  | 20.72 | 39.44 | 38.65 | 229.14 |
| 854 | 15.64 | 6.95  | 13.06 | 31.64 | 21.38 | 9.26  | 2.32 | 0.37 | 0.64  | 9.38  | 27.60 | 31.70 | 169.94 |
| 855 | 16.39 | 7.40  | 13.90 | 31.72 | 20.26 | 6.71  | 1.32 | 0.31 | 0.67  | 9.28  | 27.02 | 32.46 | 167.42 |
| 856 | 15.08 | 6.53  | 11.68 | 32.11 | 24.92 | 12.29 | 4.26 | 1.20 | 2.35  | 13.30 | 29.03 | 31.36 | 184.10 |
| 857 | 17.99 | 8.61  | 14.87 | 34.31 | 24.33 | 9.79  | 2.96 | 1.32 | 4.55  | 18.23 | 36.66 | 37.03 | 210.66 |
| 858 | 16.11 | 7.05  | 12.91 | 32.38 | 23.58 | 12.09 | 4.57 | 1.69 | 3.08  | 15.33 | 31.88 | 33.10 | 193.77 |
| 859 | 19.06 | 8.82  | 15.55 | 36.39 | 26.82 | 14.67 | 6.80 | 2.84 | 7.01  | 23.71 | 40.92 | 39.06 | 241.67 |
| 860 | 14.80 | 6.50  | 12.02 | 31.35 | 22.66 | 10.75 | 3.61 | 0.98 | 1.34  | 10.65 | 26.94 | 30.35 | 171.97 |
| 861 | 17.93 | 7.94  | 14.56 | 35.57 | 26.90 | 13.92 | 5.10 | 2.06 | 6.05  | 21.43 | 39.33 | 37.54 | 228.34 |
| 862 | 17.70 | 8.59  | 14.46 | 32.62 | 22.91 | 10.93 | 3.08 | 0.85 | 2.93  | 15.27 | 33.61 | 35.92 | 198.87 |
| 863 | 17.52 | 8.46  | 14.24 | 32.41 | 18.83 | 5.23  | 1.22 | 0.54 | 1.75  | 11.92 | 31.02 | 35.61 | 178.75 |
| 864 | 17.90 | 8.76  | 14.73 | 32.62 | 21.04 | 6.23  | 0.97 | 0.44 | 2.15  | 12.81 | 32.01 | 36.24 | 185.90 |
| 865 | 17.65 | 7.78  | 14.31 | 33.41 | 23.08 | 9.21  | 1.76 | 0.46 | 2.31  | 13.73 | 33.51 | 36.06 | 193.28 |
| 866 | 17.64 | 8.50  | 14.33 | 32.59 | 20.51 | 6.06  | 1.06 | 0.47 | 1.97  | 12.36 | 31.49 | 35.85 | 182.84 |
| 867 | 18.38 | 7.96  | 14.40 | 36.52 | 27.56 | 13.27 | 4.96 | 2.34 | 6.34  | 21.70 | 40.22 | 38.58 | 232.23 |
| 868 | 17.70 | 8.58  | 14.45 | 32.64 | 22.96 | 10.98 | 3.15 | 0.83 | 2.93  | 15.31 | 33.61 | 35.93 | 199.06 |
| 869 | 17.51 | 8.45  | 14.23 | 32.41 | 18.86 | 5.25  | 1.23 | 0.54 | 1.76  | 11.89 | 31.02 | 35.59 | 178.74 |
| 870 | 17.90 | 8.76  | 14.72 | 32.61 | 21.04 | 6.24  | 0.98 | 0.44 | 2.15  | 12.80 | 32.01 | 36.23 | 185.88 |
| 871 | 17.63 | 8.50  | 14.32 | 32.59 | 20.60 | 6.07  | 1.07 | 0.47 | 1.98  | 12.36 | 31.48 | 35.84 | 182.91 |
| 872 | 18.39 | 7.96  | 14.39 | 36.53 | 27.49 | 13.08 | 4.84 | 2.32 | 6.29  | 21.60 | 40.20 | 38.60 | 231.67 |
| 873 | 19.20 | 9.00  | 14.91 | 37.70 | 28.54 | 13.09 | 5.38 | 2.83 | 7.08  | 22.81 | 40.99 | 39.79 | 241.31 |
| 874 | 17.05 | 8.81  | 14.26 | 31.83 | 22.81 | 10.75 | 3.97 | 1.51 | 3.00  | 14.31 | 31.87 | 34.28 | 194.44 |
| 875 | 17.68 | 9.19  | 14.75 | 31.96 | 22.03 | 8.11  | 1.64 | 0.77 | 2.50  | 13.12 | 32.01 | 35.64 | 189.40 |
| 876 | 19.38 | 9.71  | 15.57 | 35.04 | 24.92 | 10.19 | 4.59 | 2.49 | 6.62  | 22.27 | 40.50 | 39.71 | 230.97 |
| 877 | 19.95 | 9.40  | 15.93 | 38.55 | 28.10 | 11.74 | 5.56 | 3.16 | 8.22  | 25.34 | 44.51 | 41.66 | 252.10 |
| 878 | 20.93 | 10.18 | 17.04 | 39.82 | 29.95 | 15.29 | 7.12 | 3.74 | 9.60  | 27.90 | 46.25 | 42.82 | 270.66 |
| 879 | 17.69 | 7.83  | 14.39 | 32.39 | 15.46 | 4.69  | 0.86 | 0.36 | 1.17  | 10.93 | 30.83 | 36.01 | 172.60 |
| 880 | 20.12 | 9.58  | 15.88 | 37.46 | 29.10 | 15.23 | 6.56 | 3.38 | 8.58  | 26.34 | 44.53 | 41.44 | 258.22 |
| 881 | 16.31 | 7.34  | 13.96 | 31.80 | 19.18 | 5.38  | 0.81 | 0.00 | 0.01  | 7.56  | 26.42 | 32.44 | 161.21 |
| 882 | 15.85 | 7.17  | 13.55 | 29.84 | 13.03 | 3.80  | 0.85 | 0.18 | 0.31  | 5.44  | 23.80 | 31.22 | 145.03 |
| 883 | 25.03 | 12.85 | 10.83 | 25.16 | 26.89 | 17.28 | 8.18 | 2.68 | 2.23  | 9.82  | 24.51 | 34.09 | 199.54 |

|     |       |       |       |       |       |       |       |       |      |       |       |       |        |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|--------|
| 884 | 31.11 | 15.33 | 12.28 | 27.96 | 33.96 | 25.80 | 17.69 | 9.84  | 8.99 | 21.34 | 37.86 | 45.25 | 287.41 |
| 885 | 26.46 | 13.31 | 10.96 | 25.74 | 29.74 | 20.55 | 11.78 | 4.90  | 4.04 | 13.05 | 28.32 | 37.06 | 225.91 |
| 886 | 31.01 | 15.54 | 12.65 | 27.84 | 33.17 | 24.87 | 16.70 | 9.16  | 8.67 | 21.00 | 37.32 | 44.80 | 282.73 |
| 887 | 28.48 | 13.63 | 10.48 | 26.61 | 33.32 | 25.19 | 16.88 | 8.52  | 7.08 | 18.69 | 34.78 | 41.86 | 265.51 |
| 888 | 30.74 | 15.23 | 12.31 | 27.77 | 33.63 | 25.37 | 17.36 | 9.93  | 9.22 | 21.43 | 37.79 | 44.86 | 285.65 |
| 889 | 29.57 | 14.12 | 11.53 | 28.40 | 33.21 | 24.51 | 16.33 | 8.85  | 7.54 | 18.02 | 34.54 | 42.72 | 269.34 |
| 890 | 30.78 | 15.42 | 12.51 | 27.84 | 32.54 | 24.07 | 16.14 | 8.76  | 7.91 | 19.80 | 36.42 | 44.29 | 276.50 |
| 891 | 17.46 | 8.63  | 7.30  | 22.98 | 31.74 | 20.59 | 9.91  | 2.92  | 1.44 | 4.60  | 14.96 | 23.68 | 166.20 |
| 892 | 26.82 | 13.43 | 11.15 | 25.97 | 29.45 | 20.16 | 11.63 | 4.77  | 4.24 | 13.15 | 28.50 | 37.48 | 226.74 |
| 893 | 17.16 | 8.48  | 7.17  | 22.81 | 31.86 | 20.64 | 9.91  | 2.81  | 1.32 | 4.36  | 14.53 | 23.22 | 164.27 |
| 894 | 17.11 | 8.39  | 6.99  | 21.96 | 31.44 | 20.77 | 10.15 | 2.92  | 1.31 | 4.37  | 14.34 | 23.13 | 162.87 |
| 895 | 27.90 | 13.31 | 10.07 | 24.84 | 33.42 | 25.50 | 17.03 | 9.14  | 7.53 | 17.64 | 33.08 | 40.75 | 260.20 |
| 896 | 27.81 | 13.77 | 12.73 | 27.12 | 31.07 | 22.28 | 14.32 | 7.65  | 7.13 | 16.32 | 31.06 | 38.23 | 249.49 |
| 897 | 28.69 | 14.70 | 13.67 | 27.14 | 31.99 | 22.99 | 15.25 | 8.47  | 7.56 | 16.70 | 31.57 | 39.20 | 257.92 |
| 898 | 28.23 | 15.08 | 17.94 | 41.84 | 52.58 | 36.58 | 23.44 | 11.60 | 8.86 | 17.79 | 32.49 | 39.22 | 325.66 |
| 899 | 29.17 | 15.36 | 16.89 | 36.75 | 43.23 | 29.97 | 19.20 | 9.74  | 8.18 | 17.52 | 32.51 | 39.84 | 298.36 |

Average monthly and annual values Derived from SWAT modeling for period 1985-2005  
Expressed as equivalent mm of precipitation

## **Appendix C**

Groundwater Flux derived from Groundwater Modeling (FeFlow)

## Appendix C - Groundwater Flux Data derived from FeFlow

| <b>ABCA Gullies</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|---------------------|------------------|---------------|----------------|
| GW-IN               | 196540843        | 305906.2      | 568.1          |
| GW-Out              | 196540843        | 327182.3      | 607.6          |
| Recharge            | 196540843        | 65118.2       | 120.9          |
| Net Flux            | 196540843        | 43842         | 81.4           |

| <b>Ausable and Mud Creek</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|------------------------------|------------------|---------------|----------------|
| GW-IN                        | 1251937273       | 451283.1      | 131.6          |
| GW-Out                       | 1251937273       | 705922        | 205.8          |
| Recharge                     | 1251937273       | 451283.1      | 131.6          |
| Net Flux                     | 1251937273       | -122857.4     | -35.8          |

| <b>Bayfield</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|-----------------|------------------|---------------|----------------|
| GW-IN           | 501829521        | 17927.24      | 13.0           |
| GW-Out          | 501829521        | 87117.78      | 63.4           |
| Recharge        | 501829521        | 182798.7      | 133.0          |
| Net Flux        | 501829521        | 116965.7      | 85.1           |

| <b>Goderich and Bayfield Gullies</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|--------------------------------------|------------------|---------------|----------------|
| GW-IN                                | 109349871        | 64933.54      | 216.7          |
| GW-Out                               | 109349871        | 194.2483      | 0.6            |
| Recharge                             | 109349871        | 42264.41      | 141.1          |
| Net Flux                             | 109349871        | 64933.54      | 216.7          |

| <b>Little Maitland</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|------------------------|------------------|---------------|----------------|
| GW-IN                  | 370949346        | 34227.08      | 33.7           |
| GW-Out                 | 370949346        | 108761.7      | 107.0          |
| Recharge               | 370949346        | 135899.9      | 133.7          |
| Net Flux               | 370949346        | 60580.3       | 59.6           |

| <b>Lower Maitland</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|-----------------------|------------------|---------------|----------------|
| GW-IN                 | 533717780        | 675341.9      | 461.9          |
| GW-Out                | 533717780        | 1037724       | 709.7          |
| Recharge              | 533717780        | 221781.9      | 151.7          |
| Net Flux              | 533717780        | 140600.6      | 96.2           |

| <b>Middle Maitland</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|------------------------|------------------|---------------|----------------|
| GW-IN                  | 646444198        | 20446.93      | 11.5           |
| GW-Out                 | 646444198        | 119159.5      | 67.3           |
| Recharge               | 646444198        | 253365.7      | 143.1          |
| Net Flux               | 646444198        | 144514.2      | 81.6           |

| <b>MVCA Gullies</b> | <b>Area (m2)</b> | <b>M3/day</b> | <b>mm/year</b> |
|---------------------|------------------|---------------|----------------|
| GW-IN               | 377712529        | 93422         | 90.3           |
| GW-Out              | 377712529        | 222067        | 214.6          |
| Recharge            | 377712529        | 108907        | 105.2          |
| Net Flux            | 377712529        | 132375        | 127.9          |

| North Maitland | Area (m2) | M3/day   | mm/year |
|----------------|-----------|----------|---------|
| GW-IN          | 575960639 | 14878.89 | 9.4     |
| GW-Out         | 575960639 | 303953.1 | 192.6   |
| Recharge       | 575960639 | 227780.5 | 144.3   |
| Net Flux       | 575960639 | 61293.65 | 38.8    |

| Parkhill | Area (m2) | M3/day   | mm/year |
|----------|-----------|----------|---------|
| GW-IN    | 465783570 | 16545.64 | 13.0    |
| GW-Out   | 465783570 | 172465.1 | 135.1   |
| Recharge | 465783570 | 183346   | 143.7   |
| Net Flux | 465783570 | 27426.55 | 21.5    |

| South Maitland | Area (m2) | M3/day   | mm/year |
|----------------|-----------|----------|---------|
| GW-IN          | 447646312 | 90767.46 | 74.0    |
| GW-Out         | 447646312 | 147463.3 | 120.2   |
| Recharge       | 447646312 | 155741.5 | 127.0   |
| Net Flux       | 447646312 | 99045.66 | 80.8    |

| Upper Nine Mile | Area (m2) | M3/day   | mm/year |
|-----------------|-----------|----------|---------|
| GW-IN           | 245713661 | 185422.8 | 275.4   |
| GW-Out          | 245713661 | 204975.3 | 304.5   |
| Recharge        | 245713661 | 100007.6 | 148.6   |
| Net Flux        | 245713661 | 80455.1  | 119.5   |

## **Appendix D**

Surface Water Supply and Reserve Based on Statistical Analysis of SWAT  
Streamflow data

## Appendix D. Daily 50th Percentile 10th Percentile Flows from SWAT Data

### North Maitland

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 4.07 | 3.33 | 5.21 | 5.28 | 4.68 | 3.53 | 2.14 | 1.04 | 1.57 | 2.84 | 6.96 | 5.77 | 3.73   |
| 10th | 1.07 | 1.41 | 1.47 | 1.70 | 1.35 | 0.76 | 0.55 | 0.66 | 0.34 | 0.59 | 1.47 | 2.07 | 0.92   |

### Nine Mile

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 2.40 | 1.80 | 4.55 | 4.44 | 2.92 | 2.07 | 1.34 | 1.49 | 1.11 | 2.36 | 4.31 | 3.62 | 2.51   |
| 10th | 1.15 | 0.95 | 1.08 | 2.27 | 1.19 | 0.85 | 0.41 | 0.25 | 0.11 | 0.18 | 1.10 | 1.62 | 0.63   |

### MVCA-gullies

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 2.89 | 2.12 | 7.15 | 5.09 | 3.30 | 2.29 | 1.11 | 1.71 | 1.06 | 2.50 | 5.47 | 4.71 | 2.88   |
| 10th | 0.95 | 0.68 | 0.95 | 1.80 | 0.90 | 0.51 | 0.15 | 0.11 | 0.07 | 0.24 | 0.95 | 1.40 | 0.43   |

### Goderich-Bayfield-Gullies

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 0.91 | 0.66 | 1.67 | 1.23 | 0.90 | 0.58 | 0.29 | 0.34 | 0.24 | 0.56 | 1.34 | 1.25 | 0.75   |
| 10th | 0.22 | 0.17 | 0.21 | 0.35 | 0.21 | 0.12 | 0.03 | 0.01 | 0.00 | 0.03 | 0.12 | 0.40 | 0.07   |

### Parkhill

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 2.37 | 1.92 | 5.24 | 3.27 | 2.02 | 0.86 | 0.67 | 0.88 | 0.66 | 1.19 | 3.16 | 4.43 | 1.76   |
| 10th | 0.51 | 0.59 | 0.78 | 1.07 | 0.54 | 0.13 | 0.10 | 0.06 | 0.07 | 0.13 | 0.46 | 0.89 | 0.19   |

### Little Maitland

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 2.16 | 1.60 | 5.01 | 3.66 | 2.63 | 1.76 | 1.06 | 0.45 | 1.17 | 2.39 | 5.01 | 3.57 | 2.36   |
| 10th | 0.71 | 0.67 | 0.82 | 1.23 | 0.62 | 0.28 | 0.18 | 0.13 | 0.07 | 0.31 | 1.42 | 1.36 | 0.41   |

**Middle Maitland**

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 2.19 | 1.43 | 9.19 | 8.81 | 5.78 | 2.88 | 1.61 | 1.23 | 1.96 | 4.20 | 8.66 | 5.09 | 3.86   |
| 10th | 0.43 | 0.36 | 0.53 | 2.86 | 1.09 | 0.34 | 0.21 | 0.16 | 0.15 | 0.53 | 2.28 | 1.59 | 0.44   |

**South Maitland**

|      | Jan   | Feb  | Mar   | Apr   | May   | Jun   | Jul  | Aug  | Sep  | Oct   | Nov   | Dec   | Annual |
|------|-------|------|-------|-------|-------|-------|------|------|------|-------|-------|-------|--------|
| 50th | 12.34 | 9.16 | 28.32 | 24.58 | 17.29 | 11.57 | 6.94 | 4.03 | 6.68 | 12.81 | 28.11 | 20.29 | 14.18  |
| 10th | 3.59  | 3.98 | 5.09  | 9.07  | 5.14  | 2.20  | 1.45 | 1.38 | 0.73 | 1.99  | 6.63  | 8.03  | 2.89   |

**Bayfield**

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 3.04 | 2.07 | 5.68 | 3.91 | 2.64 | 1.30 | 0.74 | 1.52 | 0.92 | 1.52 | 3.25 | 4.87 | 2.25   |
| 10th | 0.50 | 0.35 | 1.00 | 1.14 | 0.65 | 0.23 | 0.16 | 0.11 | 0.06 | 0.17 | 0.51 | 1.31 | 0.25   |

**Ausable**

|      | Jan   | Feb  | Mar   | Apr   | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec   | Annual |
|------|-------|------|-------|-------|------|------|------|------|------|------|------|-------|--------|
| 50th | 12.07 | 9.43 | 23.83 | 12.93 | 7.02 | 4.47 | 3.24 | 3.63 | 2.95 | 4.98 | 9.56 | 18.06 | 7.70   |
| 10th | 2.35  | 2.51 | 4.65  | 4.37  | 2.43 | 0.93 | 0.73 | 0.56 | 0.52 | 0.72 | 1.63 | 3.41  | 1.19   |

**ABCA-Gully**

|      | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 50th | 1.52 | 1.00 | 1.58 | 1.07 | 0.90 | 0.40 | 0.22 | 0.17 | 0.22 | 0.56 | 1.27 | 1.73 | 0.79   |
| 10th | 0.27 | 0.25 | 0.20 | 0.28 | 0.14 | 0.04 | 0.01 | 0.00 | 0.00 | 0.02 | 0.09 | 0.22 | 0.04   |

**Lower Maitland**

|      | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul  | Aug  | Sep  | Oct   | Nov   | Dec   | Annual |
|------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|--------|
| 50th | 16.81 | 12.95 | 42.71 | 32.87 | 22.65 | 14.54 | 8.54 | 6.63 | 7.98 | 16.32 | 35.88 | 27.27 | 18.14  |
| 10th | 5.00  | 5.59  | 7.50  | 11.50 | 6.17  | 2.88  | 2.11 | 1.63 | 1.09 | 2.44  | 7.36  | 10.90 | 3.45   |

## **Appendix E**

### Surface Water Consumptive Water Use Estimates

**Appendix E - Consumptive Surface Water Use in ABMV Watershed Region**  
**Monthly**

|                               | PTTW(L/mth)             | PTTW(m3)            | Area (m2)               | mm          |
|-------------------------------|-------------------------|---------------------|-------------------------|-------------|
| ABCA Gullies                  | 0.00                    | 0.00                | 196,540,842.91          | 0.000       |
| Ausable and Mud Creek         | 1,456,831,856.00        | 1,456,831.86        | 1,251,937,273.20        | 1.164       |
| Bayfield                      | 0.00                    | 0.00                | 501,829,521.06          | 0.000       |
| Goderich and Bayfield Gullies | 0.00                    | 0.00                | 109,349,871.17          | 0.000       |
| Little Maitland               | 0.00                    | 0.00                | 370,949,346.29          | 0.000       |
| Lower Maitland                | 3,974,485.20            | 3,974.49            | 533,717,780.27          | 0.007       |
| Middle Maitland               | 0.00                    | 0.00                | 646,444,198.04          | 0.000       |
| MVCA Gullies                  | 0.00                    | 0.00                | 377,712,529.17          | 0.000       |
| North Maitland                | 0.00                    | 0.00                | 575,960,639.26          | 0.000       |
| Parkhill                      | 789,825,886.40          | 789,825.89          | 465,783,570.43          | 1.696       |
| South Maitland                | 0.00                    | 0.00                | 447,646,311.62          | 0.000       |
| Upper Nine Mile               | 914,400.80              | 914.40              | 245,713,661.47          | 0.004       |
| <b>Totals</b>                 | <b>2,251,546,628.40</b> | <b>2,251,546.63</b> | <b>5,723,585,544.90</b> | <b>2.87</b> |

**Annual**

|                               | PTTW(L/yr)              | PTTW(m3)            | Area (m2)               | mm          |
|-------------------------------|-------------------------|---------------------|-------------------------|-------------|
| ABCA Gullies                  | 0.00                    | 0.00                | 196,540,842.91          | 0.000       |
| Ausable and Mud Creek         | 2,352,374,282.20        | 2,352,374.28        | 1,251,937,273.20        | 1.879       |
| Bayfield                      | 0.00                    | 0.00                | 501,829,521.06          | 0.000       |
| Goderich and Bayfield Gullies | 0.00                    | 0.00                | 109,349,871.17          | 0.000       |
| Little Maitland               | 0.00                    | 0.00                | 370,949,346.29          | 0.000       |
| Lower Maitland                | 24,140,340.00           | 24,140.34           | 533,717,780.27          | 0.045       |
| Middle Maitland               | 0.00                    | 0.00                | 646,444,198.04          | 0.000       |
| MVCA Gullies                  | 0.00                    | 0.00                | 377,712,529.17          | 0.000       |
| North Maitland                | 0.00                    | 0.00                | 575,960,639.26          | 0.000       |
| Parkhill                      | 517,296,528.00          | 517,296.53          | 465,783,570.43          | 1.111       |
| South Maitland                | 0.00                    | 0.00                | 447,646,311.62          | 0.000       |
| Upper Nine Mile               | 4,542,494.40            | 4,542.49            | 245,713,661.47          | 0.018       |
| <b>Totals</b>                 | <b>2,898,353,644.60</b> | <b>2,898,353.64</b> | <b>5,723,585,544.90</b> | <b>3.05</b> |

Notes:

Source data was 2006 Luinstra updated PTTW database (116) sites.

Only Surface water source PTTW's used.

Hierarchy of water used (Actual, Predicted, Maximum)

Monthly rate calculated from (Actual, Predicted, Maximum daily use) times 31

Yearly rate calculated from (Actual, Predicted, Maximum) yr litres used. In absence of data, daily times 365 was used

Consumptive Factor applied as per Draft Water Budget and Water Quantity Guidance Module 7 Page 11,12

## **Appendix F**

### Groundwater Consumptive Water Use Estimates

# Appendix F - Consumptive Groundwater Use in ABMV Watershed Region

## Monthly

|                    | PTTW(L/mth)             | Wells(L/mth)         | AG Use (m3/mth)     |  | Area (m2)               |
|--------------------|-------------------------|----------------------|---------------------|--|-------------------------|
| ABCA Gullies       | 0.00                    | 1403370              | 31,115.31           |  | 196,540,842.91          |
| Ausable and Mud    | 618,285,576.00          | 8668530              | 382,473.83          |  | 1,251,937,273.20        |
| Bayfield           | 542,128,334.80          | 2787210              | 81,256.93           |  | 501,829,521.06          |
| Goderich and Bay   | 286,769,964.00          | 923490               | 24,925.35           |  | 109,349,871.17          |
| Little Maitland    | 32,857,358.80           | 1406160              | 66,094.52           |  | 370,949,346.29          |
| Lower Maitland     | 283,122,318.00          | 2628180              | 80,943.21           |  | 533,717,780.27          |
| Middle Maitland    | 0.00                    | 3361950              | 115,203.71          |  | 646,444,198.04          |
| MVCA Gullies North | 10,146,963.40           | 1651680              | 42,910.29           |  | 377,712,529.17          |
| North Maitland     | 0.00                    | 3241980              | 85,037.06           |  | 575,960,639.26          |
| Parkhill           | 49,996,800.00           | 1129950              | 93,952.21           |  | 465,783,570.43          |
| South Maitland     | 23,149,684.00           | 2137140              | 86,865.16           |  | 447,646,311.62          |
| Upper Nine Mile    | 0.00                    | 1088100              | 27,156.49           |  | 245,713,661.47          |
| <b>Totals</b>      | <b>1,846,456,999.00</b> | <b>30,427,740.00</b> | <b>1,117,934.06</b> |  | <b>5,723,585,544.90</b> |

Becomes:

|                 | PTTW(m3)            | Wells(m3)        | AG (m3)          | Total               | Area (m2)            | mm          |
|-----------------|---------------------|------------------|------------------|---------------------|----------------------|-------------|
| ABCA Gullies    | 0                   | 1,403            | 31,115           | 32,519              | 196,540,843          | 0.17        |
| Ausable         | 618,286             | 8,669            | 382,474          | 1,009,428           | 1,251,937,273        | 0.81        |
| Bayfield        | 542,128             | 2,787            | 81,257           | 626,172             | 501,829,521          | 1.25        |
| God-Bay Gullies | 286,770             | 923              | 24,925           | 312,619             | 109,349,871          | 2.86        |
| Little Maitland | 32,857              | 1,406            | 66,095           | 100,358             | 370,949,346          | 0.27        |
| Lower Maitland  | 283,122             | 2,628            | 80,943           | 366,694             | 533,717,780          | 0.69        |
| Middle Maitland | 0                   | 3,362            | 115,204          | 118,566             | 646,444,198          | 0.18        |
| MVCA Gullies    | 10,147              | 1,652            | 42,910           | 76,446              | 377,712,529          | 0.20        |
| North Maitland  | 0                   | 3,242            | 85,037           | 88,279              | 575,960,639          | 0.15        |
| Parkhill        | 49,997              | 1,130            | 93,952           | 145,079             | 465,783,570          | 0.31        |
| South Maitland  | 23,150              | 2,137            | 86,865           | 112,152             | 447,646,312          | 0.25        |
| Upper Nine Mile | 0                   | 1,088            | 27,156           | 28,245              | 245,713,661          | 0.11        |
| <b>Totals</b>   | <b>1,846,457.00</b> | <b>30,427.74</b> | <b>1,117,934</b> | <b>3,016,556.22</b> | <b>5,723,585,545</b> | <b>0.53</b> |

## Annual

|                  | PTTW(L/yr)       | Wells(L/yr)    | AG Use (m3/YR) |  | Area (m2)        |
|------------------|------------------|----------------|----------------|--|------------------|
| ABCA Gullies     | 0.00             | 16,523,550.00  | 373,383.66     |  | 196,540,842.91   |
| Ausable and Mud  | 2,012,645,104.00 | 102,064,950.00 | 4,589,685.91   |  | 1,251,937,273.20 |
| Bayfield         | 917,848,150.50   | 32,817,150.00  | 975,083.15     |  | 501,829,521.06   |
| Goderich and Bay | 3,218,755,776.00 | 10,873,350.00  | 299,104.15     |  | 109,349,871.17   |
| Little Maitland  | 117,650,598.80   | 16,556,400.00  | 793,134.28     |  | 370,949,346.29   |
| Lower Maitland   | 3,320,501,904.00 | 30,944,700.00  | 971,318.53     |  | 533,717,780.27   |
| Middle Maitland  | 0.00             | 39,584,250.00  | 1,382,444.52   |  | 646,444,198.04   |
| MVCA Gullies     | 64,875,300.00    | 19,447,200.00  | 514,923.50     |  | 377,712,529.17   |
| North Maitland   | 0.00             | 38,171,700.00  | 1,020,444.77   |  | 575,960,639.26   |
| Parkhill         | 290,304,000.00   | 13,304,250.00  | 1,127,426.55   |  | 465,783,570.43   |
| South Maitland   | 111,310,000.00   | 25,163,100.00  | 1,042,381.92   |  | 447,646,311.62   |
| Upper Nine Mile  | 0.00             | 12,811,500.00  | 325,877.83     |  | 245,713,661.47   |

Becomes:

|                 | PTTW(m3/yr)       | Wells(m3/yr)   | AG Use (m3/YR)    | Total             | Area (m2)            | mm          |
|-----------------|-------------------|----------------|-------------------|-------------------|----------------------|-------------|
| ABCA Gullies    | 0                 | 16,524         | 373,384           | 389,907           | 196,540,843          | 1.98        |
| Ausable         | 2,012,645         | 102,065        | 4,589,686         | 6,704,396         | 1,251,937,273        | 5.36        |
| Bayfield        | 917,848           | 32,817         | 975,083           | 1,925,748         | 501,829,521          | 3.84        |
| God-Bay Gullies | 3,218,756         | 10,873         | 299,104           | 3,528,733         | 109,349,871          | 32.27       |
| Little Maitland | 117,651           | 16,556         | 793,134           | 927,341           | 370,949,346          | 2.50        |
| Lower Maitland  | 3,320,502         | 30,945         | 971,319           | 4,322,765         | 533,717,780          | 8.10        |
| Middle Maitland | 0                 | 39,584         | 1,382,445         | 1,422,029         | 646,444,198          | 2.20        |
| MVCA Gullies    | 64,875            | 19,447         | 514,924           | 599,246           | 377,712,529          | 1.59        |
| North Maitland  | 0                 | 38,172         | 1,020,445         | 1,058,616         | 575,960,639          | 1.84        |
| Parkhill        | 290,304           | 13,304         | 1,127,427         | 1,431,035         | 465,783,570          | 3.07        |
| South Maitland  | 111,310           | 25,163         | 1,042,382         | 1,178,855         | 447,646,312          | 2.63        |
| Upper Nine Mile | 0                 | 12,812         | 325,878           | 338,689           | 245,713,661          | 1.38        |
| <b>Totals</b>   | <b>10,053,891</b> | <b>358,262</b> | <b>13,415,209</b> | <b>23,827,362</b> | <b>5,723,585,545</b> | <b>4.16</b> |

Notes Overall:

The subbasins are based SWAT derived subwatersheds which vary from the WRIP derived version 5.2 ABCA boundaries. There is

Notes PTTW:

Source data was 2006 Luinstra updated PTTW database (116) sites.

Only Both and Ground water source PTTW's used.

Hierarchy of water used (Actual, Predicted, Maximum)

Monthly rate calculated from (Actual, Predicted, Maximum daily use) times 31

Yearly rate calculated from (Actual, Predicted, Maximum) yr litres used. In absence of data, daily times 365 was used

Consumptive Factor applied as per Draft Water Budget and Water Quantity Guidance Module 7 Page 11,12

Four PTTW's on edge of modelled basin accounted for in Maitland

Notes Wells

Source dataset was WWIS updated WRIP adjusted water well database

All wells assigned daily use of 450 L/day

Consumptive factor of .2 = 90 L/day

Monthly multiplied by 31, Yearly by 365

Only borehole type '11' was used, All wells account for 10,902

Agricultural Data

Source dataset was agricultural\_water\_use\_by\_watershed De Loe OMAFRA 2001

Total Water Use by Quaternary watershed = Total+Seasonal+Irr\_all+Irr\_sum

Consumptive factor of 0.78 as per De Loe metadata

Monthly Agricultural water use calculated by Complete summary divided by 12

Water use adjusted as a percentage of Quaternary watershed within each modelled subbasin

## **Appendix G**

### Significant Recharge Areas Based on Surface water Modeling

**Significant Recharge Areas, Where recharge > 55% of Net Available Water (PPT-ET)**

| SWAT | PPT (mm) | ET (mm) | Net Available water | Recharge (mm) | Net % |
|------|----------|---------|---------------------|---------------|-------|
| 101  | 1003.14  | 406.74  | 596.40              | 204.71        | 0.34  |
| 102  | 1003.14  | 401.76  | 601.38              | 250.24        | 0.42  |
| 103  | 1003.14  | 418.91  | 584.23              | 195.49        | 0.33  |
| 104  | 1003.14  | 410.36  | 592.78              | 202.22        | 0.34  |
| 105  | 975.04   | 460.49  | 514.55              | 193.60        | 0.38  |
| 106  | 975.04   | 436.09  | 538.95              | 174.41        | 0.32  |
| 107  | 975.04   | 448.00  | 527.04              | 183.06        | 0.35  |
| 108  | 975.04   | 441.17  | 533.87              | 215.96        | 0.40  |
| 109  | 975.04   | 449.79  | 525.25              | 196.28        | 0.37  |
| 110  | 975.04   | 438.04  | 537.00              | 203.72        | 0.38  |
| 111  | 966.78   | 445.42  | 521.36              | 236.17        | 0.45  |
| 112  | 966.78   | 434.42  | 532.36              | 294.05        | 0.55  |
| 113  | 975.04   | 444.95  | 530.09              | 193.62        | 0.37  |
| 114  | 975.04   | 454.24  | 520.80              | 188.09        | 0.36  |
| 115  | 975.04   | 418.54  | 556.50              | 243.52        | 0.44  |
| 116  | 975.04   | 458.33  | 516.71              | 169.39        | 0.33  |
| 117  | 966.78   | 430.80  | 535.98              | 271.90        | 0.51  |
| 118  | 975.04   | 434.30  | 540.74              | 185.51        | 0.34  |
| 119  | 975.04   | 414.80  | 560.24              | 199.73        | 0.36  |
| 120  | 975.04   | 432.50  | 542.54              | 174.08        | 0.32  |
| 121  | 975.04   | 451.75  | 523.29              | 188.70        | 0.36  |
| 122  | 975.04   | 459.92  | 515.12              | 185.84        | 0.36  |
| 123  | 975.04   | 459.70  | 515.34              | 183.61        | 0.36  |
| 124  | 1003.14  | 408.02  | 595.12              | 191.93        | 0.32  |
| 125  | 975.04   | 452.82  | 522.22              | 171.57        | 0.33  |
| 126  | 975.04   | 435.97  | 539.07              | 196.42        | 0.36  |
| 127  | 975.04   | 434.13  | 540.91              | 198.72        | 0.37  |
| 128  | 975.04   | 449.84  | 525.20              | 186.84        | 0.36  |
| 129  | 975.04   | 434.23  | 540.81              | 208.38        | 0.39  |
| 130  | 975.04   | 442.43  | 532.61              | 206.77        | 0.39  |
| 131  | 992.47   | 422.32  | 570.14              | 206.42        | 0.36  |
| 132  | 912.86   | 446.53  | 466.33              | 178.35        | 0.38  |
| 133  | 961.56   | 428.43  | 533.13              | 210.68        | 0.40  |
| 134  | 961.56   | 431.27  | 530.29              | 194.40        | 0.37  |
| 135  | 961.56   | 414.69  | 546.87              | 233.59        | 0.43  |
| 136  | 992.47   | 455.18  | 537.28              | 195.95        | 0.36  |
| 137  | 992.47   | 447.25  | 545.22              | 207.60        | 0.38  |
| 138  | 992.47   | 450.71  | 541.75              | 208.09        | 0.38  |
| 139  | 961.56   | 444.82  | 516.74              | 185.34        | 0.36  |
| 140  | 961.56   | 437.59  | 523.97              | 192.82        | 0.37  |
| 141  | 992.47   | 443.77  | 548.69              | 214.48        | 0.39  |
| 142  | 961.56   | 438.83  | 522.73              | 190.52        | 0.36  |
| 143  | 961.56   | 410.54  | 551.02              | 257.87        | 0.47  |
| 144  | 961.56   | 412.81  | 548.75              | 234.22        | 0.43  |
| 145  | 961.56   | 436.50  | 525.06              | 201.75        | 0.38  |
| 146  | 961.56   | 413.29  | 548.27              | 218.24        | 0.40  |
| 147  | 961.56   | 436.96  | 524.60              | 210.68        | 0.40  |
| 148  | 912.86   | 440.52  | 472.34              | 173.75        | 0.37  |
| 149  | 961.56   | 425.94  | 535.62              | 246.78        | 0.46  |

|     |        |        |        |        |      |
|-----|--------|--------|--------|--------|------|
| 150 | 961.56 | 420.66 | 540.90 | 219.52 | 0.41 |
| 151 | 961.56 | 437.20 | 524.36 | 201.84 | 0.38 |
| 152 | 961.56 | 424.75 | 536.81 | 222.06 | 0.41 |
| 153 | 916.87 | 446.72 | 470.15 | 174.87 | 0.37 |
| 154 | 961.56 | 415.38 | 546.18 | 227.50 | 0.42 |
| 155 | 916.87 | 447.58 | 469.29 | 180.58 | 0.38 |
| 156 | 916.87 | 440.89 | 475.98 | 188.99 | 0.40 |
| 157 | 916.87 | 445.84 | 471.03 | 189.04 | 0.40 |
| 158 | 916.87 | 440.78 | 476.09 | 201.92 | 0.42 |
| 159 | 912.86 | 430.79 | 482.07 | 220.00 | 0.46 |
| 160 | 916.87 | 427.02 | 489.85 | 228.14 | 0.47 |
| 161 | 912.86 | 430.32 | 482.54 | 220.94 | 0.46 |
| 162 | 949.31 | 437.19 | 512.12 | 228.56 | 0.45 |
| 163 | 949.31 | 431.06 | 518.25 | 232.15 | 0.45 |
| 164 | 949.31 | 434.69 | 514.62 | 250.52 | 0.49 |
| 165 | 949.31 | 439.40 | 509.91 | 231.59 | 0.45 |
| 166 | 949.31 | 440.27 | 509.04 | 219.43 | 0.43 |
| 167 | 949.31 | 434.86 | 514.45 | 254.67 | 0.50 |
| 168 | 949.31 | 428.22 | 521.09 | 287.49 | 0.55 |
| 169 | 949.31 | 420.46 | 528.85 | 286.18 | 0.54 |
| 170 | 949.31 | 429.71 | 519.60 | 191.51 | 0.37 |
| 171 | 949.31 | 420.75 | 528.56 | 202.26 | 0.38 |
| 172 | 949.31 | 423.03 | 526.28 | 214.73 | 0.41 |
| 173 | 949.31 | 406.40 | 542.91 | 206.61 | 0.38 |
| 174 | 949.31 | 432.45 | 516.86 | 480.01 | 0.93 |
| 175 | 949.31 | 426.84 | 522.47 | 256.64 | 0.49 |
| 201 | 966.78 | 439.53 | 527.25 | 249.69 | 0.47 |
| 202 | 966.78 | 449.21 | 517.57 | 224.74 | 0.43 |
| 203 | 975.04 | 445.33 | 529.71 | 193.07 | 0.36 |
| 204 | 975.04 | 437.69 | 537.35 | 211.97 | 0.39 |
| 205 | 975.04 | 439.61 | 535.43 | 188.26 | 0.35 |
| 206 | 912.86 | 434.96 | 477.90 | 192.65 | 0.40 |
| 207 | 912.86 | 442.87 | 469.99 | 181.94 | 0.39 |
| 208 | 912.86 | 435.91 | 476.95 | 202.71 | 0.43 |
| 209 | 912.86 | 438.02 | 474.84 | 185.69 | 0.39 |
| 210 | 912.86 | 417.81 | 495.05 | 252.60 | 0.51 |
| 211 | 912.86 | 411.66 | 501.20 | 231.27 | 0.46 |
| 212 | 912.86 | 420.84 | 492.02 | 219.39 | 0.45 |
| 213 | 912.86 | 423.14 | 489.72 | 226.92 | 0.46 |
| 214 | 912.86 | 423.76 | 489.10 | 179.91 | 0.37 |
| 215 | 912.86 | 399.44 | 513.42 | 210.48 | 0.41 |
| 216 | 912.86 | 430.25 | 482.61 | 182.21 | 0.38 |
| 217 | 912.86 | 429.94 | 482.92 | 212.84 | 0.44 |
| 218 | 912.86 | 423.98 | 488.88 | 180.66 | 0.37 |
| 219 | 912.86 | 429.33 | 483.53 | 166.56 | 0.34 |
| 220 | 912.86 | 414.78 | 498.08 | 189.12 | 0.38 |
| 221 | 949.31 | 423.58 | 525.73 | 205.88 | 0.39 |
| 222 | 949.31 | 414.63 | 534.68 | 250.52 | 0.47 |
| 223 | 912.86 | 420.36 | 492.50 | 268.08 | 0.54 |
| 224 | 949.31 | 421.65 | 527.66 | 245.36 | 0.46 |
| 225 | 949.31 | 426.60 | 522.71 | 228.04 | 0.44 |

|     |         |        |        |        |      |
|-----|---------|--------|--------|--------|------|
| 226 | 949.31  | 412.68 | 536.63 | 197.30 | 0.37 |
| 227 | 949.31  | 431.79 | 517.52 | 183.99 | 0.36 |
| 228 | 912.86  | 416.88 | 495.98 | 226.05 | 0.46 |
| 229 | 912.86  | 426.92 | 485.94 | 188.69 | 0.39 |
| 230 | 912.86  | 427.84 | 485.02 | 235.41 | 0.49 |
| 231 | 912.86  | 430.69 | 482.17 | 205.07 | 0.43 |
| 232 | 912.86  | 423.58 | 489.28 | 200.39 | 0.41 |
| 233 | 949.31  | 434.58 | 514.73 | 180.49 | 0.35 |
| 234 | 912.86  | 427.11 | 485.75 | 172.34 | 0.35 |
| 235 | 912.86  | 430.12 | 482.74 | 188.18 | 0.39 |
| 236 | 949.31  | 415.75 | 533.56 | 175.07 | 0.33 |
| 237 | 912.86  | 417.25 | 495.61 | 180.76 | 0.36 |
| 238 | 966.78  | 424.63 | 542.15 | 220.95 | 0.41 |
| 239 | 912.86  | 419.78 | 493.08 | 186.97 | 0.38 |
| 240 | 949.31  | 399.08 | 550.23 | 256.54 | 0.47 |
| 241 | 949.31  | 410.03 | 539.28 | 186.72 | 0.35 |
| 242 | 966.78  | 438.90 | 527.88 | 204.62 | 0.39 |
| 243 | 966.78  | 416.63 | 550.15 | 207.31 | 0.38 |
| 244 | 966.78  | 417.88 | 548.90 | 226.18 | 0.41 |
| 245 | 966.78  | 418.45 | 548.33 | 215.46 | 0.39 |
| 246 | 966.78  | 422.78 | 544.00 | 228.35 | 0.42 |
| 247 | 966.78  | 419.99 | 546.79 | 211.63 | 0.39 |
| 301 | 1021.52 | 408.43 | 613.09 | 187.70 | 0.31 |
| 302 | 1021.52 | 409.34 | 612.18 | 195.71 | 0.32 |
| 303 | 1021.52 | 401.90 | 619.62 | 217.90 | 0.35 |
| 304 | 1003.14 | 404.47 | 598.67 | 207.51 | 0.35 |
| 305 | 1003.14 | 405.88 | 597.26 | 209.45 | 0.35 |
| 306 | 1003.14 | 410.19 | 592.95 | 193.41 | 0.33 |
| 307 | 1003.14 | 403.63 | 599.51 | 206.85 | 0.35 |
| 308 | 983.82  | 416.66 | 567.16 | 196.50 | 0.35 |
| 309 | 1003.14 | 398.57 | 604.57 | 225.84 | 0.37 |
| 310 | 983.82  | 433.76 | 550.06 | 190.58 | 0.35 |
| 311 | 983.82  | 432.79 | 551.02 | 188.66 | 0.34 |
| 312 | 983.82  | 427.78 | 556.04 | 245.26 | 0.44 |
| 313 | 983.82  | 442.59 | 541.22 | 230.33 | 0.43 |
| 314 | 983.82  | 429.29 | 554.52 | 304.23 | 0.55 |
| 315 | 983.82  | 426.49 | 557.33 | 258.24 | 0.46 |
| 316 | 983.82  | 416.69 | 567.12 | 249.31 | 0.44 |
| 317 | 983.82  | 416.34 | 567.48 | 238.32 | 0.42 |
| 318 | 983.82  | 424.36 | 559.46 | 279.15 | 0.50 |
| 319 | 983.82  | 421.54 | 562.28 | 252.42 | 0.45 |
| 320 | 1003.14 | 406.70 | 596.44 | 202.98 | 0.34 |
| 321 | 1003.14 | 420.65 | 582.49 | 176.29 | 0.30 |
| 322 | 1003.14 | 430.30 | 572.84 | 187.01 | 0.33 |
| 323 | 983.82  | 428.61 | 555.20 | 196.84 | 0.35 |
| 324 | 983.82  | 424.04 | 559.78 | 189.29 | 0.34 |
| 325 | 983.82  | 434.96 | 548.85 | 214.50 | 0.39 |
| 326 | 966.78  | 444.16 | 522.62 | 220.30 | 0.42 |
| 327 | 983.82  | 413.28 | 570.53 | 204.93 | 0.36 |
| 328 | 983.82  | 428.95 | 554.86 | 204.66 | 0.37 |
| 329 | 983.82  | 420.97 | 562.84 | 213.03 | 0.38 |

|     |         |        |        |        |      |
|-----|---------|--------|--------|--------|------|
| 330 | 983.82  | 429.45 | 554.36 | 238.60 | 0.43 |
| 331 | 983.82  | 428.55 | 555.26 | 244.68 | 0.44 |
| 332 | 983.82  | 421.85 | 561.97 | 273.00 | 0.49 |
| 333 | 983.82  | 410.48 | 573.34 | 328.35 | 0.57 |
| 334 | 983.82  | 422.77 | 561.04 | 213.65 | 0.38 |
| 335 | 983.82  | 424.83 | 558.99 | 211.80 | 0.38 |
| 336 | 983.82  | 422.88 | 560.94 | 236.22 | 0.42 |
| 337 | 983.82  | 407.14 | 576.68 | 353.74 | 0.61 |
| 401 | 955.25  | 459.04 | 496.21 | 227.56 | 0.46 |
| 402 | 955.25  | 465.12 | 490.13 | 213.95 | 0.44 |
| 403 | 955.25  | 458.82 | 496.43 | 249.13 | 0.50 |
| 404 | 955.25  | 450.74 | 504.51 | 208.05 | 0.41 |
| 405 | 955.25  | 463.01 | 492.24 | 249.73 | 0.51 |
| 406 | 994.55  | 432.68 | 561.87 | 286.16 | 0.51 |
| 407 | 950.78  | 490.33 | 460.45 | 242.10 | 0.53 |
| 408 | 950.78  | 483.42 | 467.36 | 254.40 | 0.54 |
| 409 | 950.78  | 487.15 | 463.63 | 200.74 | 0.43 |
| 410 | 950.78  | 488.97 | 461.81 | 216.12 | 0.47 |
| 411 | 950.78  | 481.02 | 469.76 | 249.63 | 0.53 |
| 412 | 950.78  | 488.16 | 462.62 | 237.90 | 0.51 |
| 413 | 994.55  | 429.60 | 564.95 | 222.94 | 0.39 |
| 414 | 994.55  | 427.13 | 567.42 | 256.68 | 0.45 |
| 415 | 994.55  | 434.54 | 560.01 | 262.23 | 0.47 |
| 416 | 994.55  | 437.75 | 556.80 | 271.45 | 0.49 |
| 417 | 994.55  | 429.29 | 565.26 | 275.08 | 0.49 |
| 418 | 950.78  | 471.29 | 479.49 | 238.85 | 0.50 |
| 419 | 1030.65 | 433.56 | 597.09 | 302.59 | 0.51 |
| 420 | 950.78  | 480.27 | 470.51 | 254.13 | 0.54 |
| 421 | 1030.65 | 437.69 | 592.96 | 299.45 | 0.51 |
| 422 | 994.55  | 439.54 | 555.01 | 251.57 | 0.45 |
| 423 | 994.55  | 435.74 | 558.81 | 221.34 | 0.40 |
| 424 | 994.55  | 395.24 | 599.31 | 197.77 | 0.33 |
| 425 | 994.55  | 425.01 | 569.54 | 263.25 | 0.46 |
| 426 | 994.55  | 438.53 | 556.02 | 226.47 | 0.41 |
| 427 | 994.55  | 425.94 | 568.61 | 266.24 | 0.47 |
| 428 | 994.55  | 427.65 | 566.90 | 245.52 | 0.43 |
| 429 | 994.55  | 426.70 | 567.85 | 214.08 | 0.38 |
| 430 | 994.55  | 424.18 | 570.37 | 218.66 | 0.38 |
| 431 | 1021.52 | 425.78 | 595.74 | 200.42 | 0.34 |
| 432 | 1030.65 | 437.66 | 592.99 | 228.37 | 0.39 |
| 433 | 1030.65 | 430.32 | 600.33 | 281.97 | 0.47 |
| 434 | 1030.65 | 446.36 | 584.29 | 227.27 | 0.39 |
| 435 | 1030.65 | 432.48 | 598.17 | 255.79 | 0.43 |
| 436 | 1030.65 | 444.60 | 586.05 | 260.17 | 0.44 |
| 437 | 1179.87 | 495.65 | 684.22 | 267.71 | 0.39 |
| 438 | 1186.70 | 470.39 | 716.31 | 391.91 | 0.55 |
| 439 | 950.78  | 480.44 | 470.34 | 236.68 | 0.50 |
| 440 | 1186.70 | 476.06 | 710.64 | 364.66 | 0.51 |
| 441 | 1186.70 | 467.89 | 718.81 | 418.10 | 0.58 |
| 442 | 1186.70 | 479.55 | 707.15 | 347.80 | 0.49 |
| 443 | 1179.87 | 498.03 | 681.84 | 273.14 | 0.40 |

|     |         |        |        |        |      |
|-----|---------|--------|--------|--------|------|
| 444 | 1179.87 | 473.61 | 706.26 | 389.25 | 0.55 |
| 445 | 1186.70 | 500.75 | 685.95 | 272.85 | 0.40 |
| 446 | 1186.70 | 481.31 | 705.39 | 352.32 | 0.50 |
| 447 | 1159.81 | 483.19 | 676.62 | 342.97 | 0.51 |
| 448 | 1179.87 | 482.08 | 697.79 | 245.21 | 0.35 |
| 449 | 1179.87 | 477.74 | 702.12 | 203.95 | 0.29 |
| 450 | 1021.52 | 430.18 | 591.34 | 172.86 | 0.29 |
| 451 | 1021.52 | 424.43 | 597.09 | 171.42 | 0.29 |
| 452 | 1179.87 | 474.66 | 705.21 | 210.40 | 0.30 |
| 453 | 983.82  | 442.73 | 541.08 | 214.09 | 0.40 |
| 454 | 1179.87 | 497.11 | 682.75 | 261.50 | 0.38 |
| 455 | 1179.87 | 490.42 | 689.45 | 244.47 | 0.35 |
| 456 | 1159.81 | 492.21 | 667.60 | 291.40 | 0.44 |
| 457 | 1159.81 | 482.85 | 676.96 | 330.07 | 0.49 |
| 458 | 1159.81 | 480.69 | 679.12 | 322.21 | 0.47 |
| 459 | 1159.81 | 467.15 | 692.66 | 319.39 | 0.46 |
| 460 | 1171.62 | 445.63 | 725.99 | 397.93 | 0.55 |
| 461 | 1038.73 | 472.64 | 566.09 | 243.36 | 0.43 |
| 462 | 1159.81 | 475.59 | 684.22 | 293.88 | 0.43 |
| 463 | 1038.73 | 451.53 | 587.20 | 260.47 | 0.44 |
| 501 | 1171.62 | 421.94 | 749.68 | 325.18 | 0.43 |
| 502 | 1171.62 | 409.06 | 762.56 | 485.49 | 0.64 |
| 503 | 1171.62 | 401.33 | 770.29 | 390.66 | 0.51 |
| 504 | 1171.62 | 404.69 | 766.93 | 504.66 | 0.66 |
| 505 | 1171.62 | 420.61 | 751.01 | 433.24 | 0.58 |
| 506 | 1171.62 | 423.17 | 748.45 | 346.67 | 0.46 |
| 507 | 1171.62 | 429.19 | 742.43 | 343.86 | 0.46 |
| 508 | 1038.73 | 432.02 | 606.71 | 256.81 | 0.42 |
| 609 | 1171.62 | 341.78 | 829.84 | 364.30 | 0.44 |
| 610 | 1171.62 | 356.51 | 815.11 | 347.48 | 0.43 |
| 611 | 1171.62 | 346.53 | 825.09 | 315.45 | 0.38 |
| 612 | 1171.62 | 343.27 | 828.35 | 350.06 | 0.42 |
| 608 | 1171.62 | 373.74 | 797.88 | 343.41 | 0.43 |
| 607 | 1171.62 | 379.46 | 792.16 | 318.80 | 0.40 |
| 601 | 1171.62 | 353.36 | 818.26 | 267.34 | 0.33 |
| 602 | 1171.62 | 330.76 | 840.86 | 236.09 | 0.28 |
| 603 | 1171.62 | 310.89 | 860.73 | 268.16 | 0.31 |
| 604 | 1171.62 | 308.18 | 863.44 | 285.23 | 0.33 |
| 605 | 1171.62 | 337.45 | 834.17 | 249.08 | 0.30 |
| 606 | 1171.62 | 339.48 | 832.14 | 238.25 | 0.29 |
| 613 | 1171.62 | 446.26 | 725.36 | 233.62 | 0.32 |
| 614 | 1171.62 | 344.34 | 827.28 | 259.07 | 0.31 |
| 615 | 1171.62 | 397.15 | 774.47 | 212.57 | 0.27 |
| 616 | 1171.62 | 352.88 | 818.74 | 336.21 | 0.41 |
| 618 | 1171.62 | 346.24 | 825.38 | 349.42 | 0.42 |
| 624 | 1171.62 | 372.75 | 798.87 | 309.13 | 0.39 |
| 617 | 1171.62 | 376.34 | 795.28 | 327.57 | 0.41 |
| 619 | 1171.62 | 342.12 | 829.50 | 281.23 | 0.34 |
| 620 | 1171.62 | 351.54 | 820.08 | 318.82 | 0.39 |
| 621 | 1171.62 | 384.34 | 787.28 | 249.87 | 0.32 |
| 622 | 1171.62 | 366.70 | 804.92 | 261.27 | 0.32 |

|     |         |        |        |        |      |
|-----|---------|--------|--------|--------|------|
| 623 | 1171.62 | 349.01 | 822.61 | 273.26 | 0.33 |
| 625 | 1171.62 | 342.93 | 828.69 | 330.88 | 0.40 |
| 626 | 1171.62 | 354.95 | 816.67 | 258.28 | 0.32 |
| 627 | 1171.62 | 352.66 | 818.96 | 257.26 | 0.31 |
| 628 | 1171.62 | 338.48 | 833.14 | 313.94 | 0.38 |
| 629 | 1171.62 | 399.18 | 772.44 | 254.61 | 0.33 |
| 630 | 1171.62 | 330.38 | 841.24 | 308.56 | 0.37 |
| 631 | 1171.62 | 369.30 | 802.32 | 290.61 | 0.36 |
| 632 | 1171.62 | 350.47 | 821.15 | 326.30 | 0.40 |
| 633 | 1171.62 | 364.71 | 806.91 | 253.47 | 0.31 |
| 634 | 1171.62 | 376.11 | 795.51 | 245.56 | 0.31 |
| 635 | 1171.62 | 344.78 | 826.84 | 299.87 | 0.36 |
| 636 | 1171.62 | 357.93 | 813.69 | 341.82 | 0.42 |
| 637 | 1171.62 | 382.54 | 789.08 | 199.64 | 0.25 |
| 638 | 1171.62 | 336.37 | 835.25 | 285.69 | 0.34 |
| 639 | 1171.62 | 359.04 | 812.58 | 316.74 | 0.39 |
| 640 | 1171.62 | 380.46 | 791.16 | 211.11 | 0.27 |
| 641 | 1038.73 | 341.40 | 697.33 | 216.40 | 0.31 |
| 642 | 1038.73 | 475.34 | 563.39 | 178.99 | 0.32 |
| 643 | 1038.73 | 327.72 | 711.00 | 254.57 | 0.36 |
| 650 | 1171.62 | 409.05 | 762.57 | 505.04 | 0.66 |
| 651 | 1038.73 | 388.39 | 650.34 | 367.86 | 0.57 |
| 644 | 1038.73 | 374.59 | 664.14 | 222.12 | 0.33 |
| 645 | 1038.73 | 329.34 | 709.39 | 266.13 | 0.38 |
| 646 | 1038.73 | 327.03 | 711.69 | 284.97 | 0.40 |
| 647 | 1038.73 | 339.27 | 699.46 | 252.37 | 0.36 |
| 648 | 1038.73 | 346.01 | 692.72 | 262.32 | 0.38 |
| 649 | 1038.73 | 324.79 | 713.94 | 283.18 | 0.40 |
| 652 | 1038.73 | 353.22 | 685.51 | 318.06 | 0.46 |
| 653 | 1038.73 | 327.54 | 711.19 | 286.81 | 0.40 |
| 654 | 1038.73 | 349.29 | 689.43 | 309.69 | 0.45 |
| 655 | 1038.73 | 323.81 | 714.92 | 272.23 | 0.38 |
| 656 | 1038.73 | 341.07 | 697.66 | 300.92 | 0.43 |
| 657 | 1038.73 | 375.55 | 663.18 | 208.93 | 0.32 |
| 658 | 1038.73 | 322.99 | 715.74 | 212.54 | 0.30 |
| 659 | 1038.73 | 383.39 | 655.34 | 208.53 | 0.32 |
| 660 | 1038.73 | 341.12 | 697.61 | 304.40 | 0.44 |
| 661 | 1038.73 | 340.79 | 697.94 | 210.36 | 0.30 |
| 662 | 1038.73 | 336.15 | 702.58 | 310.23 | 0.44 |
| 663 | 1038.73 | 334.62 | 704.11 | 265.23 | 0.38 |
| 664 | 1038.73 | 427.60 | 611.13 | 205.49 | 0.34 |
| 665 | 1038.73 | 353.29 | 685.43 | 290.50 | 0.42 |
| 666 | 1038.73 | 497.96 | 540.77 | 181.54 | 0.34 |
| 667 | 1038.73 | 497.60 | 541.12 | 179.45 | 0.33 |
| 668 | 1038.73 | 402.62 | 636.11 | 163.60 | 0.26 |
| 669 | 1038.73 | 347.32 | 691.40 | 297.56 | 0.43 |
| 670 | 1038.73 | 339.68 | 699.04 | 313.01 | 0.45 |
| 671 | 1038.73 | 363.03 | 675.70 | 227.89 | 0.34 |
| 672 | 1038.73 | 342.77 | 695.96 | 285.71 | 0.41 |
| 673 | 1038.73 | 349.59 | 689.14 | 326.19 | 0.47 |
| 674 | 1038.73 | 473.23 | 565.49 | 258.16 | 0.46 |

|     |         |        |        |        |      |
|-----|---------|--------|--------|--------|------|
| 675 | 1038.73 | 468.44 | 570.28 | 260.18 | 0.46 |
| 676 | 1038.73 | 340.55 | 698.17 | 287.67 | 0.41 |
| 677 | 1038.73 | 467.42 | 571.30 | 251.06 | 0.44 |
| 678 | 1038.73 | 353.14 | 685.59 | 243.67 | 0.36 |
| 679 | 1038.73 | 329.90 | 708.83 | 331.04 | 0.47 |
| 701 | 1038.73 | 371.96 | 666.77 | 221.38 | 0.33 |
| 702 | 1038.73 | 371.69 | 667.03 | 220.56 | 0.33 |
| 703 | 1038.73 | 372.02 | 666.71 | 221.38 | 0.33 |
| 704 | 1038.73 | 372.02 | 666.71 | 221.27 | 0.33 |
| 705 | 1038.73 | 362.74 | 675.98 | 215.68 | 0.32 |
| 706 | 1038.73 | 299.99 | 738.73 | 176.99 | 0.24 |
| 707 | 1038.73 | 299.46 | 739.27 | 176.30 | 0.24 |
| 708 | 1038.73 | 337.30 | 701.42 | 184.83 | 0.26 |
| 709 | 1038.73 | 338.17 | 700.55 | 183.63 | 0.26 |
| 710 | 1038.73 | 390.23 | 648.49 | 232.31 | 0.36 |
| 711 | 1038.73 | 367.35 | 671.37 | 303.16 | 0.45 |
| 712 | 1038.73 | 396.13 | 642.59 | 279.20 | 0.43 |
| 713 | 1038.73 | 433.44 | 605.28 | 264.75 | 0.44 |
| 714 | 1038.73 | 405.41 | 633.32 | 232.39 | 0.37 |
| 715 | 1038.73 | 424.05 | 614.67 | 263.02 | 0.43 |
| 716 | 1038.73 | 520.73 | 518.00 | 187.19 | 0.36 |
| 717 | 1038.73 | 406.70 | 632.02 | 193.97 | 0.31 |
| 718 | 1038.73 | 501.63 | 537.09 | 189.84 | 0.35 |
| 719 | 1038.73 | 434.22 | 604.51 | 236.27 | 0.39 |
| 720 | 1038.73 | 441.73 | 596.99 | 261.19 | 0.44 |
| 721 | 1038.73 | 478.91 | 559.81 | 188.67 | 0.34 |
| 722 | 1038.73 | 430.62 | 608.11 | 251.30 | 0.41 |
| 723 | 1038.73 | 406.49 | 632.24 | 193.29 | 0.31 |
| 724 | 1038.73 | 381.75 | 656.97 | 180.90 | 0.28 |
| 725 | 1038.73 | 359.46 | 679.27 | 168.85 | 0.25 |
| 726 | 1038.73 | 396.50 | 642.22 | 243.88 | 0.38 |
| 727 | 1038.73 | 455.02 | 583.71 | 278.07 | 0.48 |
| 728 | 1038.73 | 414.25 | 624.47 | 197.36 | 0.32 |
| 729 | 1038.73 | 441.49 | 597.23 | 297.73 | 0.50 |
| 730 | 1159.81 | 389.54 | 770.27 | 362.76 | 0.47 |
| 731 | 1038.73 | 412.68 | 626.04 | 217.52 | 0.35 |
| 732 | 1038.73 | 507.66 | 531.07 | 205.10 | 0.39 |
| 733 | 1038.73 | 398.03 | 640.69 | 275.09 | 0.43 |
| 734 | 1038.73 | 359.34 | 679.39 | 328.45 | 0.48 |
| 735 | 1038.73 | 330.60 | 708.13 | 299.43 | 0.42 |
| 736 | 1038.73 | 381.23 | 657.50 | 322.87 | 0.49 |
| 737 | 1038.73 | 349.67 | 689.05 | 210.64 | 0.31 |
| 738 | 1038.73 | 380.20 | 658.52 | 349.49 | 0.53 |
| 739 | 1159.81 | 367.47 | 792.34 | 336.68 | 0.42 |
| 740 | 1038.73 | 366.17 | 672.55 | 223.49 | 0.33 |
| 741 | 1159.81 | 379.84 | 779.97 | 310.41 | 0.40 |
| 742 | 1159.81 | 365.35 | 794.46 | 353.90 | 0.45 |
| 743 | 1159.81 | 358.85 | 800.96 | 277.27 | 0.35 |
| 744 | 1159.81 | 365.99 | 793.82 | 236.85 | 0.30 |
| 745 | 1159.81 | 411.06 | 748.75 | 232.24 | 0.31 |
| 746 | 1159.81 | 370.70 | 789.11 | 348.05 | 0.44 |

|     |         |        |        |        |      |
|-----|---------|--------|--------|--------|------|
| 747 | 1159.81 | 393.55 | 766.26 | 374.83 | 0.49 |
| 748 | 1159.81 | 397.55 | 762.26 | 323.67 | 0.42 |
| 749 | 983.82  | 346.34 | 637.48 | 269.35 | 0.42 |
| 750 | 983.82  | 367.06 | 616.76 | 328.02 | 0.53 |
| 751 | 983.82  | 313.46 | 670.36 | 284.86 | 0.42 |
| 752 | 983.82  | 365.02 | 618.79 | 309.00 | 0.50 |
| 753 | 983.82  | 353.70 | 630.11 | 312.77 | 0.50 |
| 754 | 983.82  | 363.10 | 620.71 | 353.51 | 0.57 |
| 755 | 983.82  | 323.87 | 659.94 | 247.78 | 0.38 |
| 756 | 983.82  | 410.67 | 573.15 | 350.84 | 0.61 |
| 757 | 983.82  | 388.12 | 595.70 | 361.50 | 0.61 |
| 758 | 983.82  | 421.36 | 562.46 | 238.11 | 0.42 |
| 759 | 983.82  | 445.83 | 537.98 | 325.18 | 0.60 |
| 760 | 983.82  | 409.82 | 574.00 | 406.90 | 0.71 |
| 761 | 983.82  | 364.83 | 618.98 | 311.10 | 0.50 |
| 762 | 983.82  | 405.07 | 578.75 | 258.16 | 0.45 |
| 763 | 983.82  | 378.22 | 605.59 | 343.06 | 0.57 |
| 764 | 983.82  | 295.03 | 688.79 | 323.94 | 0.47 |
| 801 | 983.82  | 268.47 | 715.35 | 272.62 | 0.38 |
| 802 | 983.82  | 268.48 | 715.34 | 273.17 | 0.38 |
| 803 | 983.82  | 249.87 | 733.95 | 225.15 | 0.31 |
| 804 | 983.82  | 256.60 | 727.21 | 242.30 | 0.33 |
| 805 | 983.82  | 278.39 | 705.43 | 248.45 | 0.35 |
| 806 | 983.82  | 389.11 | 594.71 | 158.51 | 0.27 |
| 807 | 983.82  | 361.16 | 622.66 | 339.91 | 0.55 |
| 808 | 983.82  | 292.83 | 690.98 | 154.89 | 0.22 |
| 809 | 983.82  | 244.13 | 739.68 | 152.86 | 0.21 |
| 810 | 983.82  | 287.51 | 696.30 | 230.95 | 0.33 |
| 811 | 983.82  | 334.84 | 648.98 | 316.20 | 0.49 |
| 812 | 983.82  | 330.72 | 653.09 | 305.12 | 0.47 |
| 813 | 983.82  | 370.45 | 613.37 | 176.16 | 0.29 |
| 814 | 983.82  | 337.11 | 646.71 | 268.46 | 0.42 |
| 815 | 983.82  | 470.20 | 513.62 | 192.44 | 0.37 |
| 816 | 983.82  | 318.40 | 665.42 | 231.62 | 0.35 |
| 817 | 983.82  | 381.92 | 601.89 | 212.50 | 0.35 |
| 818 | 983.82  | 338.84 | 644.98 | 265.97 | 0.41 |
| 819 | 983.82  | 376.39 | 607.43 | 200.10 | 0.33 |
| 820 | 983.82  | 372.96 | 610.85 | 183.68 | 0.30 |
| 821 | 983.82  | 338.50 | 645.31 | 282.66 | 0.44 |
| 822 | 983.82  | 447.68 | 536.13 | 166.53 | 0.31 |
| 823 | 983.82  | 351.44 | 632.38 | 257.26 | 0.41 |
| 824 | 983.82  | 337.20 | 646.62 | 251.10 | 0.39 |
| 825 | 983.82  | 351.77 | 632.04 | 210.00 | 0.33 |
| 826 | 983.82  | 330.75 | 653.07 | 281.91 | 0.43 |
| 827 | 983.82  | 387.52 | 596.29 | 193.01 | 0.32 |
| 828 | 983.82  | 393.58 | 590.24 | 190.71 | 0.32 |
| 829 | 983.82  | 363.27 | 620.55 | 204.93 | 0.33 |
| 830 | 983.82  | 322.99 | 660.82 | 256.34 | 0.39 |
| 831 | 983.82  | 318.19 | 665.63 | 225.11 | 0.34 |
| 832 | 983.82  | 333.55 | 650.27 | 219.20 | 0.34 |
| 833 | 983.82  | 328.81 | 655.01 | 289.02 | 0.44 |

|     |        |        |        |        |      |
|-----|--------|--------|--------|--------|------|
| 834 | 966.78 | 366.53 | 600.25 | 262.06 | 0.44 |
| 835 | 966.78 | 408.73 | 558.05 | 208.67 | 0.37 |
| 836 | 966.78 | 336.25 | 630.53 | 275.12 | 0.44 |
| 837 | 966.78 | 423.26 | 543.52 | 202.32 | 0.37 |
| 838 | 966.78 | 468.36 | 498.42 | 183.06 | 0.37 |
| 839 | 966.78 | 331.17 | 635.61 | 308.05 | 0.48 |
| 840 | 966.78 | 336.58 | 630.20 | 257.06 | 0.41 |
| 841 | 963.83 | 349.08 | 614.75 | 232.40 | 0.38 |
| 842 | 966.78 | 336.66 | 630.12 | 239.48 | 0.38 |
| 843 | 966.78 | 324.80 | 641.98 | 311.56 | 0.49 |
| 844 | 966.78 | 312.72 | 654.06 | 222.27 | 0.34 |
| 845 | 966.78 | 312.90 | 653.88 | 216.70 | 0.33 |
| 846 | 966.78 | 273.70 | 693.08 | 196.09 | 0.28 |
| 847 | 966.78 | 309.71 | 657.07 | 280.28 | 0.43 |
| 848 | 966.78 | 315.08 | 651.70 | 297.01 | 0.46 |
| 849 | 966.78 | 306.14 | 660.64 | 302.27 | 0.46 |
| 850 | 966.78 | 313.41 | 653.37 | 250.01 | 0.38 |
| 851 | 966.78 | 313.41 | 653.37 | 249.94 | 0.38 |
| 852 | 966.78 | 330.84 | 635.94 | 300.02 | 0.47 |
| 853 | 966.78 | 322.76 | 644.02 | 288.57 | 0.45 |
| 854 | 966.78 | 335.32 | 631.46 | 211.35 | 0.33 |
| 855 | 966.78 | 320.20 | 646.58 | 216.29 | 0.33 |
| 856 | 966.78 | 380.40 | 586.38 | 220.58 | 0.38 |
| 857 | 966.78 | 311.70 | 655.08 | 271.15 | 0.41 |
| 858 | 966.78 | 350.38 | 616.40 | 226.34 | 0.37 |
| 859 | 966.78 | 317.64 | 649.14 | 292.62 | 0.45 |
| 860 | 966.78 | 362.91 | 603.87 | 205.22 | 0.34 |
| 861 | 966.78 | 306.12 | 660.66 | 283.77 | 0.43 |
| 862 | 966.78 | 322.31 | 644.47 | 244.44 | 0.38 |
| 863 | 966.78 | 326.66 | 640.12 | 243.07 | 0.38 |
| 864 | 966.78 | 320.06 | 646.72 | 246.99 | 0.38 |
| 865 | 966.78 | 320.15 | 646.63 | 246.49 | 0.38 |
| 866 | 966.78 | 324.93 | 641.85 | 244.59 | 0.38 |
| 867 | 966.78 | 320.99 | 645.79 | 292.44 | 0.45 |
| 868 | 966.78 | 322.54 | 644.24 | 244.53 | 0.38 |
| 869 | 966.78 | 326.88 | 639.90 | 242.97 | 0.38 |
| 870 | 966.78 | 320.16 | 646.62 | 246.95 | 0.38 |
| 871 | 966.78 | 325.08 | 641.70 | 244.53 | 0.38 |
| 872 | 966.78 | 321.16 | 645.62 | 292.42 | 0.45 |
| 873 | 966.78 | 336.66 | 630.12 | 306.22 | 0.49 |
| 874 | 966.78 | 333.23 | 633.55 | 238.62 | 0.38 |
| 875 | 966.78 | 329.76 | 637.02 | 244.01 | 0.38 |
| 876 | 966.78 | 325.31 | 641.47 | 298.35 | 0.47 |
| 877 | 966.78 | 331.51 | 635.27 | 325.77 | 0.51 |
| 878 | 966.78 | 328.51 | 638.27 | 338.18 | 0.53 |
| 879 | 966.78 | 318.68 | 648.10 | 246.31 | 0.38 |
| 880 | 966.78 | 323.50 | 643.28 | 320.96 | 0.50 |
| 881 | 966.78 | 313.77 | 653.01 | 215.93 | 0.33 |
| 882 | 966.78 | 308.18 | 658.60 | 214.54 | 0.33 |
| 883 | 966.78 | 308.21 | 658.57 | 214.71 | 0.33 |
| 884 | 966.78 | 334.27 | 632.51 | 306.62 | 0.48 |

|     |        |        |        |        |      |
|-----|--------|--------|--------|--------|------|
| 885 | 966.78 | 302.99 | 663.79 | 242.19 | 0.36 |
| 886 | 966.78 | 332.31 | 634.47 | 301.40 | 0.48 |
| 887 | 966.78 | 329.47 | 637.31 | 282.84 | 0.44 |
| 888 | 966.78 | 319.16 | 647.62 | 304.35 | 0.47 |
| 889 | 966.78 | 324.10 | 642.68 | 288.44 | 0.45 |
| 890 | 966.78 | 331.11 | 635.67 | 294.22 | 0.46 |
| 891 | 966.78 | 252.02 | 714.76 | 179.58 | 0.25 |
| 892 | 966.78 | 310.05 | 656.73 | 242.51 | 0.37 |
| 893 | 966.78 | 249.41 | 717.37 | 177.58 | 0.25 |
| 894 | 966.78 | 292.18 | 674.60 | 176.28 | 0.26 |
| 895 | 966.78 | 340.37 | 626.41 | 277.50 | 0.44 |
| 896 | 949.31 | 341.13 | 608.18 | 267.75 | 0.44 |
| 897 | 949.31 | 363.51 | 585.80 | 274.34 | 0.47 |
| 898 | 949.31 | 412.42 | 536.89 | 347.71 | 0.65 |
| 899 | 949.31 | 374.22 | 575.09 | 319.24 | 0.56 |