

# Fijnstofberekening volgens ISL 3a

Gegenereerd met ISL3a Versie 2016-1 , Rekenhart Release 6 juli 2016

(c) DNV GL

## Gebiedsgegevens

Naam van deze berekening: beoogd

Berekend op: 2016/11/16 14:49:28

Project: Kant-Elshout VOF, Hillsesteeg 1, Almkerk

RD X coördinaat: 128 144 Lengte X: 1258 Aantal Gridpunten X: 30  
RD Y coördinaat: 418 186 Breedte Y: 1220 Aantal Gridpunten Y: 30  
Berekende ruwheid: 0.10 Eigen ruwheid ☐ Eigen ruwheid: 0.00  
Type Berekening: PM10 Rekenjaar: 2016  
Soort Berekening: Contour Toets afstand: n.v.t. Onderlinge afstand: n.v.t.  
Uitvoer directory: Z:\\_ALGEMEEN\Fijn stof ISL 3a\ISL3a\output\Kant Almkerk

| Te beschermen object | RD X Coord. | RD Y Coord. | Concentratie   | Overschrijding |
|----------------------|-------------|-------------|----------------|----------------|
| Naam:                | [m]         | [m]         | [microgram/m3] | [dagen]        |
| Midgraaf 13          | 128 830     | 418 740     | 21.09          | 8.9            |
| Midgraaf 15          | 129 092     | 418 733     | 21.04          | 8.8            |
| Midgraaf 17          | 129 226     | 418 730     | 21.04          | 8.8            |
| Midgraaf 19          | 129 514     | 418 731     | 21.04          | 8.8            |
| Midgraaf 26          | 129 303     | 418 691     | 21.04          | 8.8            |
| Midgraaf 11          | 128 410     | 418 740     | 21.04          | 8.9            |

## Brongegevens

|                                       |                      |                                          |
|---------------------------------------|----------------------|------------------------------------------|
| Naam : rundveestal                    |                      | Type: AB                                 |
| RD X Coord.: 128 728                  | RD Y Coord.: 418 670 | Emissie: 0.00065                         |
| hoogte van emissiepunt: 1.50          |                      |                                          |
| verticale uitreesnelheid: 0.40        |                      | hoogte van gebouw: 1.5                   |
| diameter van emissiepunt: 0.50        |                      | X-coord. zwaartepunt van gebouw: 128 728 |
| temperatuur van emissiestroom: 285.00 |                      | Y-coord. zwaartepunt van gebouw: 418 670 |
|                                       |                      | lengte van gebouw: 51.20                 |
|                                       |                      | breedte van gebouw: 22.70                |
|                                       |                      | orientatie van gebouw: 0.00              |
| Naam : bedrijfsruimte aan de woning   |                      | Type: AB                                 |
| RD X Coord.: 128 780                  | RD Y Coord.: 418 675 | Emissie: 0.00004                         |
| hoogte van emissiepunt: 1.50          |                      |                                          |
| verticale uitreesnelheid: 0.40        |                      | hoogte van gebouw: 1.5                   |
| diameter van emissiepunt: 0.50        |                      | X-coord. zwaartepunt van gebouw: 128 780 |
| temperatuur van emissiestroom: 285.00 |                      | Y-coord. zwaartepunt van gebouw: 418 687 |
|                                       |                      | lengte van gebouw: 29.70                 |
|                                       |                      | breedte van gebouw: 15.00                |
|                                       |                      | orientatie van gebouw: 90.00             |

419406



bij PDF

418186

128144

129402

Kolomno: referentie jaar: 2016

| 1        | 2        | 3      | 4    | 5     | 6       | 7       | 8               | 9      |
|----------|----------|--------|------|-------|---------|---------|-----------------|--------|
| X        | Y        | Totaal | bron | GCN   | N50-tot | N50-GCN | zeezout (ug/m3) | -dagen |
| 128830.0 | 418740.0 | 21.09  | 0.06 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 129092.0 | 418733.0 | 21.04  | 0.01 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 129226.0 | 418730.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 129514.0 | 418731.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 129303.0 | 418691.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128410.0 | 418740.0 | 21.04  | 0.01 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418186.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418228.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418270.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418312.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418354.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418396.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418438.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418480.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418523.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128144.0 | 418565.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418607.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418649.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418691.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418733.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418775.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418817.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418859.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418901.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418943.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 418985.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128144.0 | 419027.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419069.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419112.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419154.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419196.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419238.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419280.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419322.0 | 21.03  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419364.0 | 21.02  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128144.0 | 419406.0 | 21.02  | 0.00 | 21.02 | 8.76    | 8.76    | 2               | 2      |
| 128187.0 | 418186.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418228.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418270.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418312.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418354.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418396.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418438.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418480.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418523.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418565.0 | 21.04  | 0.00 | 21.03 | 8.87    | 8.77    | 2               | 2      |
| 128187.0 | 418607.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128187.0 | 418649.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |
| 128187.0 | 418691.0 | 21.04  | 0.00 | 21.03 | 8.77    | 8.77    | 2               | 2      |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128187.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128187.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128187.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128187.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128187.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128187.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128187.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128187.0 | 419027.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419069.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128187.0 | 419406.0 | 21.02 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128231.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128231.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128231.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128231.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128231.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128231.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128231.0 | 419027.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419069.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128231.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128274.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128274.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128274.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128274.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128274.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128274.0 | 419027.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419069.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128274.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128318.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128318.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128318.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128318.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128318.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128318.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128318.0 | 419027.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419069.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128318.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128318.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128361.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418607.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128361.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128361.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128361.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128361.0 | 419027.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419069.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128361.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128404.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128404.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418607.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418691.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128404.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128404.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128404.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128404.0 | 419027.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419069.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128404.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128448.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128448.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128448.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418607.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418691.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128448.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128448.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128448.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128448.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128448.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419069.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128448.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128491.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128491.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128491.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128491.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418565.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418607.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128491.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418691.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128491.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128491.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128491.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128491.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128534.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128534.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128534.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128534.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128534.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418523.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418565.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418607.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418649.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418691.0 | 21.05 | 0.01 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128534.0 | 418733.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418775.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418817.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128534.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128534.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128534.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419112.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128534.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128578.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128578.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128578.0 | 418312.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128578.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128578.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128578.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418523.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418565.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418607.0 | 21.06 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418649.0 | 21.06 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418691.0 | 21.05 | 0.02 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128578.0 | 418733.0 | 21.06 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418775.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418817.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418859.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418901.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128578.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128578.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128578.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128578.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418312.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418480.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418523.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128621.0 | 418565.0 | 21.06 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128621.0 | 418607.0 | 21.07 | 0.04 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128621.0 | 418649.0 | 21.08 | 0.04 | 21.03 | 9.07 | 8.77 | 2 | 2 |
| 128621.0 | 418691.0 | 21.07 | 0.04 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128621.0 | 418733.0 | 21.07 | 0.04 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128621.0 | 418775.0 | 21.06 | 0.03 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128621.0 | 418817.0 | 21.06 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128621.0 | 418859.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128621.0 | 418901.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128621.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419154.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128621.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128621.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418312.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418480.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418523.0 | 21.06 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128665.0 | 418565.0 | 21.07 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128665.0 | 418607.0 | 21.09 | 0.06 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128665.0 | 418649.0 | 21.14 | 0.11 | 21.03 | 9.07 | 8.77 | 2 | 2 |
| 128665.0 | 418691.0 | 21.12 | 0.09 | 21.03 | 9.07 | 8.77 | 2 | 2 |
| 128665.0 | 418733.0 | 21.10 | 0.07 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128665.0 | 418775.0 | 21.08 | 0.04 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128665.0 | 418817.0 | 21.06 | 0.03 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418859.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418901.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418943.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128665.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128665.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418312.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418480.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418523.0 | 21.06 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128708.0 | 418565.0 | 21.07 | 0.04 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128708.0 | 418607.0 | 21.13 | 0.09 | 21.03 | 9.07 | 8.77 | 2 | 2 |
| 128708.0 | 418649.0 | 21.37 | 0.34 | 21.03 | 9.77 | 8.77 | 2 | 2 |
| 128708.0 | 418691.0 | 21.41 | 0.38 | 21.03 | 9.57 | 8.77 | 2 | 2 |
| 128708.0 | 418733.0 | 21.16 | 0.12 | 21.03 | 9.17 | 8.77 | 2 | 2 |
| 128708.0 | 418775.0 | 21.09 | 0.06 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128708.0 | 418817.0 | 21.07 | 0.04 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128708.0 | 418859.0 | 21.06 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128708.0 | 418901.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418943.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128708.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128708.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418312.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418480.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418523.0 | 21.06 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418565.0 | 21.07 | 0.04 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128751.0 | 418607.0 | 21.12 | 0.08 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128751.0 | 418649.0 | 21.34 | 0.30 | 21.03 | 9.07 | 8.77 | 2 | 2 |
| 128751.0 | 418691.0 | 21.57 | 0.53 | 21.03 | 9.47 | 8.77 | 2 | 2 |
| 128751.0 | 418733.0 | 21.20 | 0.16 | 21.03 | 9.07 | 8.77 | 2 | 2 |
| 128751.0 | 418775.0 | 21.11 | 0.07 | 21.03 | 8.97 | 8.77 | 2 | 2 |
| 128751.0 | 418817.0 | 21.07 | 0.04 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128751.0 | 418859.0 | 21.06 | 0.03 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418901.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418943.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128751.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128751.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418312.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418480.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418523.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128795.0 | 418565.0 | 21.07 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128795.0 | 418607.0 | 21.09 | 0.06 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128795.0 | 418649.0 | 21.15 | 0.11 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128795.0 | 418691.0 | 21.21 | 0.17 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128795.0 | 418733.0 | 21.13 | 0.10 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418775.0 | 21.09 | 0.06 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418817.0 | 21.07 | 0.04 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418859.0 | 21.06 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128795.0 | 418901.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418943.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128795.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128795.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418312.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418480.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418523.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418565.0 | 21.06 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418607.0 | 21.07 | 0.04 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128838.0 | 418649.0 | 21.09 | 0.05 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128838.0 | 418691.0 | 21.10 | 0.06 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128838.0 | 418733.0 | 21.09 | 0.05 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128838.0 | 418775.0 | 21.07 | 0.04 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418817.0 | 21.06 | 0.03 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418859.0 | 21.06 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418901.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418943.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128838.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128838.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128881.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418523.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418565.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418607.0 | 21.06 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128881.0 | 418649.0 | 21.06 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128881.0 | 418691.0 | 21.07 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128881.0 | 418733.0 | 21.07 | 0.03 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128881.0 | 418775.0 | 21.06 | 0.03 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418817.0 | 21.06 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418859.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418901.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418943.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128881.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128881.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418354.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418565.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128925.0 | 418607.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128925.0 | 418649.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418691.0 | 21.06 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418733.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128925.0 | 418775.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418817.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418859.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418901.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128925.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 128925.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128925.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418396.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128968.0 | 418607.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128968.0 | 418649.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418691.0 | 21.05 | 0.02 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418733.0 | 21.05 | 0.02 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128968.0 | 418775.0 | 21.05 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 128968.0 | 418817.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418859.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 128968.0 | 419027.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419069.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419112.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419154.0 | 21.03 | 0.01 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419196.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419238.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419280.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419322.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419364.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 128968.0 | 419406.0 | 21.03 | 0.00 | 21.02 | 8.76 | 8.76 | 2 | 2 |
| 129012.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418438.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129012.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129012.0 | 418607.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129012.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418691.0 | 21.05 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 129012.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129012.0 | 419027.0 | 20.95 | 0.01 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419069.0 | 20.95 | 0.01 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419112.0 | 20.95 | 0.01 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129012.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418480.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129055.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129055.0 | 418607.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418691.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129055.0 | 419027.0 | 20.95 | 0.01 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419069.0 | 20.95 | 0.01 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129055.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 129098.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418523.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129098.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129098.0 | 418607.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418691.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 418985.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129098.0 | 419027.0 | 20.95 | 0.01 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129098.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129142.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129142.0 | 418565.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418607.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418691.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418817.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418859.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418901.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418943.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129142.0 | 419027.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129142.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 129142.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129185.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129185.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418649.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418691.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418733.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418775.0 | 21.04 | 0.01 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129185.0 | 419027.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129185.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129228.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129228.0 | 419027.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 129228.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129228.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.87 | 8.77 | 2 | 2 |
| 129272.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129272.0 | 419027.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129272.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 418186.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418228.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 129315.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129315.0 | 419027.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129315.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 418186.0 | 21.03 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418228.0 | 21.03 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418270.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129359.0 | 419027.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129359.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 418186.0 | 21.03 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418228.0 | 21.03 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418270.0 | 21.03 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418312.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418354.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |

|          |          |       |      |       |      |      |   |   |
|----------|----------|-------|------|-------|------|------|---|---|
| 129402.0 | 418396.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418438.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418480.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418523.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418565.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418607.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418649.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418691.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418733.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418775.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418817.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418859.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418901.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418943.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 418985.0 | 21.04 | 0.00 | 21.03 | 8.77 | 8.77 | 2 | 2 |
| 129402.0 | 419027.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419069.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419112.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419154.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419196.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419238.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419280.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419322.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419364.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |
| 129402.0 | 419406.0 | 20.95 | 0.00 | 20.94 | 8.66 | 8.66 | 2 | 2 |

PM10 - Toelichting op de getallen:

kolom 1: x-coördinaat receptorpunt

kolom 2: y-coördinaat receptorpunt

kolom 3: Jaargemiddelde concentratie (bron + GCN)

kolom 4: Jaargemiddelde concentratie (alleen bron)

kolom 5: Jaargemiddelde concentratie (alleen GCN)

kolom 6: Aantal overschrijdingsdagen van de 24-uurgemiddelde grenswaarde (bron + GCN)

kolom 7: Aantal overschrijdingsdagen van de 24-uurgemiddelde grenswaarde (alleen GCN)

kolom 8: Mogelijke zeezout correctie op jaargemiddelde concentratie (ug/m3)

kolom 9: Mogelijke zeezout correctie op aantal overschrijdingsdagen

-PM10-2016

Stof-identificatie: FIJN STOF

start datum/tijd: 14:31:38  
datum/tijd journaal bestand: 16-11-2016 14:41:34  
BEREKENINGRESULTATEN

Meteo Schiphol en Eindhoven, vertaald naar locatiespecifieke meteo  
Berekening uitgevoerd met alle meteo uit Presrm!  
De locatie waarop de achtergrondconcentratie (en meteo) is bepaald : 129500  
419500  
Bron(nen)-bijdragen PLUS achtergrondconcentraties berekend!

Generieke Concentraties van Nederland (GCN) gebruikt:  
Deze zijn gelezen met de PreSRM module; versie : 1.603

GCN-waarden voor de windroos berekend op opgegeven coördinaten: 129500  
419500  
GCN-waarden in de BLK file per receptorpunt berekend.  
opgegeven referentiejaar: 2016

Er is gerekend met optie (blk\_nocar)

Doorgerekende (meteo)periode  
Start datum/tijd : 1- 1-1995 1:00 h  
Eind datum/tijd : 31-12-2004 24:00 h  
Prognostische berekeningen met referentie jaar: 2016

Aantal meteo-uren waarmee gerekend is : 87600

De windroos: frekwentie van voorkomen van de windsectoren(uren, %) op  
receptor-lokatie

met coördinaten:

129500 419500  
gem. windsnelheid, neerslagsom en gem. achtergrondconcentraties (ug/m3)  
sektor(van-tot) uren % ws neerslag(mm) FIJN STOF

|                        |            |         |      |         |         |                           |
|------------------------|------------|---------|------|---------|---------|---------------------------|
| 1                      | (-15- 15): | 4328.0  | 4.9  | 3.5     | 292.60  | 21.0                      |
| 2                      | ( 15- 45): | 5112.0  | 5.8  | 3.7     | 204.60  | 22.8                      |
| 3                      | ( 45- 75): | 7150.0  | 8.2  | 4.2     | 216.65  | 25.7                      |
| 4                      | ( 75-105): | 4599.0  | 5.2  | 3.7     | 208.00  | 29.2                      |
| 5                      | (105-135): | 5374.0  | 6.1  | 3.5     | 371.00  | 26.7                      |
| 6                      | (135-165): | 6018.0  | 6.9  | 3.5     | 541.50  | 24.2                      |
| 7                      | (165-195): | 9379.0  | 10.7 | 4.3     | 898.89  | 20.1                      |
| 8                      | (195-225): | 13022.0 | 14.9 | 5.2     | 1336.90 | 19.4                      |
| 9                      | (225-255): | 12488.0 | 14.3 | 5.6     | 1540.60 | 18.9                      |
| 10                     | (255-285): | 8982.0  | 10.3 | 4.8     | 1275.20 | 17.4                      |
| 11                     | (285-315): | 6102.0  | 7.0  | 4.3     | 752.20  | 17.0                      |
| 12                     | (315-345): | 5046.0  | 5.8  | 3.9     | 455.25  | 17.7                      |
| gemiddeld/som: 87600.0 |            |         | 4.4  | 8093.38 | 21.0    | (zonder zeezoutcorrectie) |

lengtegraad: : 5.0  
breedtegraad: : 52.0  
Bodemvochtigheid-index : 1.00  
Albedo (bodemweerskaatsingscoefficient) : 0.20

Geen percentielen berekend

Berekening uitgevoerd met alle meteo uit Presrm!

Aantal receptorpunten 906

Terreinruwheid receptor gebied [m] : 0.1000

Ophoging windprofiel door gesloten obstakels (z0-displacement) : 0.0

Terreinruwheid [m] op meteolokatie windrichtingsafhankelijk genomen

Hoogte berekende concentraties [m] : 1.5

Gemiddelde veldwaarde concentratie [ug/m3] : 21.03088

hoogste gem. concentratiewaarde in het grid : 21.56790

Hoogste uurwaarde concentratie in tijdreeks : 183.80559

Coördinaten (x,y) : 128795, 418649

Datum/tijd (yy,mm,dd,hh) : 2000 2 9 15

Aantal bronnen : 2

\*\*\*\*\* Brongegevens van bron : 1

\*\* PUNTBRON \*\*

X-positie van de bron [m] : 128728

Y-positie van de bron [m] : 418670

Schoorsteenhoogte (tov maaiveld) [m] : 1.5

Inw. schoorsteendiameter (top) : 0.50

Uitw. schoorsteendiameter (top) : 0.55

Gem. volumeflux over bedrijfsuren (Nm3) : 0.07520

Gem. uittree snelheid over bedrijfsuren (m/s) : 0.40016

Temperatuur rookgassen (K) : 285.00

Gem. warmte emissie over bedrijfsuren (MW) : 0.000

\*\*Warmte emissie is per uur berekend afh van buitenluchttemp\*\*

Aantal bedrijfsuren: 87600

(Bedrijfsuren zijn uren met een emissie > 0)

gemiddelde emissie over bedrijfsuren: (kg/s) 0.000000647

gemiddelde emissie over alle uren: (kg/s) 0.000000647

cumulatieve emissie over alle voorgaande bronnen: 0.000000647

\*\*\*\*\* Brongegevens van bron : 2

\*\* PUNTBRON \*\*

X-positie van de bron [m] : 128780

Y-positie van de bron [m] : 418675

Schoorsteenhoogte (tov maaiveld) [m] : 1.5

Inw. schoorsteendiameter (top) : 0.50

Uitw. schoorsteendiameter (top) : 0.55

Gem. volumeflux over bedrijfsuren (Nm3) : 0.07520

Gem. uittree snelheid over bedrijfsuren (m/s) : 0.40016

Temperatuur rookgassen (K) : 285.00

Gem. warmte emissie over bedrijfsuren (MW) : 0.000

\*\*Warmte emissie is per uur berekend afh van buitenluchttemp\*\*

Aantal bedrijfsuren: 87600

(Bedrijfsuren zijn uren met een emissie > 0)

gemiddelde emissie over bedrijfsuren: (kg/s) 0.000000039

gemiddelde emissie over alle uren: (kg/s) 0.000000039

cumulatieve emissie over alle voorgaande bronnen: 0.000000687