*“Por medio de la cual se precisa el límite de la Reserva Forestal Protectora Nacional La Elvira, declarada mediante la Resolución Ejecutiva No. 5 de 1943”*

**EL MINISTRO DE AMBIENTE Y DESARROLLO SOSTENIBLE**

En ejercicio de sus facultades constitucionales y legales, en especial de las conferidas en el artículo 5 numeral 18 de la Ley 99 de 1993, numeral 14 del artículo 2 del Decreto Ley 3570 de 2011 y en los artículos 2.2.2.1.2.3 y 2.2.2.1.9.1. del Decreto 1076 de 2015, y

**CONSIDERANDO:**

Que la Constitución Política de Colombia establece en sus artículos 8, 58, 79 y 80 que es obligación del Estado y de las personas proteger las riquezas culturales y naturales de la Nación; que la propiedad es una función social que implica obligaciones, a la cual le es inherente una función ecológica; que es deber del Estado planificar el manejo y aprovechamiento de los recursos naturales, para garantizar, entre otros fines, su conservación y restauración, así como proteger la diversidad e integridad del ambiente y de manera particular el deber de conservar las áreas de especial importancia ecológica.

Que al respecto, la Corte Constitucional mediante sentencia C-431 de 2000, dispuso que le corresponde al Estado con referencia a la protección del ambiente: *“… 1) proteger su diversidad e integridad, 2) salvaguardar las riquezas naturales de la Nación, 3) conservar las áreas de especial importancia ecológica, 4) fomentar la educación ambiental, 5) planificar el manejo y aprovechamiento de los recursos naturales para así garantizar su desarrollo sostenible, su conservación, restauración o sustitución, 6) prevenir y controlar los factores de deterioro ambiental, 7) imponer las sanciones legales y exigir la reparación de los daños causados al ambiente y 8) cooperar con otras naciones en la protección de los ecosistemas situados en las zonas de frontera”.*

Que, con este marco, el ambiente se reconoce como un interés general en el que el Estado, a través de sus diferentes entidades del orden nacional, regional y local,y los particulares deben concurrir para garantizar su conservación y restauración en el marco del desarrollo sostenible. Esta concurrencia de los entes territoriales, las autoridades ambientales y la población en general, se hace en el marco de lo dispuesto por la Ley 99 de 1993, en razón a que las normas ambientales son de orden público y no podrán ser objeto de transacción o de renuncia a su aplicación por las autoridades o por los particulares.

Que mediante la Resolución Ejecutiva No. 5 de 1943, el Ministerio de la Economía Nacional –Departamento de Tierras, declaró la Reserva Forestal Protectora Nacional La Elvira, describiendo en su artículo primero los linderos y cabidas de la misma en los siguientes términos:

*“Desde el sitio donde corta la Carretera al Mar a la Cordillera Occidental de los Andes, o sea en el kilómetro 18, siguiendo en dirección noreste por el filo de esta cordillera que sirve de divorcio de las aguas del rio Aguacatal y todos sus afluentes hasta encontrar el cerro de “Dapa”; siguiendo por la estribación hacia arriba hasta encontrar la Cordillera Occidental de los Andes; de aquí, en línea recta, hasta los nacimientos de la quebrada de “El Tambor”; desde este punto, aguas debajo de esta quebrada, hasta encontrar la quebrada de “El Rincón”, de aquí, en línea recta hacia el Sur, hasta encontrar el filo que divorcia las aguas de los ríos Aguacatal y Cali; de este punto, tomando por el camino antiguo de herradura de Cali a Dagua, en una longitud de diez y ocho (18) kilómetros, hasta el sitio donde corta la Carretera al Mar, punto de partida”*.

Que a través de la Resolución No. 068 del 28 de enero de 2005, del Instituto Geográfico Agustín Codazzi, se adopta como único datum oficial de Colombia el Marco Geocéntrico Nacional de Referencia, también denominado: MAGNA-SIRGAS siendo una obligación del Ministerio de Ambiente y Desarrollo Sostenible la migración de información geográfica de las áreas de las áreas de las Reservas Forestales Nacionales al sistema MAGNA SIRGAS, para lo cual requiere la aplicación de nuevas técnicas que actualizan la representación de las áreas protegidas y que permitió dar claridad en la interpretación cartográfica, en aras de optimizar posibles procesos de aclaración y precisión de límites.

Que en el año 2005, se publicó el documento indicativo de “*Reservas Forestales Nacionales de Colombia - Atlas básico*”, elaborado por Conservación Internacional Colombia, Ministerio de Ambiente, Vivienda y Desarrollo Territorial, Instituto Geográfico Agustín Codazzi –IGAC- y La Embajada Real de los Países Bajos, precisando en relación a los polígonos de las diferentes Reservas que : (…) *“los polígonos que definen las diferentes reservas se dibujaron siguiendo rigurosamente la delimitación descrita en el acto administrativo de creación de cada una de ellas, pero en algunos casos no fue posible efectuar este trazado con precisión, debido a deficiencias en la información toponímica contenida en las cartas geográficas, o a las inconsistencias que en algunos casos presenta la descripción de los límites, especialmente en lo que tiene que ver con la definición de rumbos y distancias. Cuando se presentaron estas circunstancias se optó por trazar el límite con una línea discontinua”.* El documento presenta la aproximación cartográfica de la Reserva Forestal Protectora Nacional La Elvira indicando con líneas punteadas el límite de la totalidad de la misma, cabe señalar que esta reserva fue representada como una ampliación de la Reserva Forestal Protectora Rio Cali.

Que el Decreto Ley 2811 de 1974 Código Nacional de Recursos Naturales Renovables y de Protección al Medio Ambiente, en su artículo 204 determina que se entiende por área forestal protectora *“la zona que debe ser conservada permanentemente con bosques naturales o artificiales, para proteger estos mismos recursos u otros naturales renovables. En el área forestal protectora debe prevalecer el efecto protector y sólo se permitirá la obtención de frutos secundarios del bosque”.*

Que el artículo 204 de la Ley 1450 de 2011 establece que “*las áreas de reserva forestal protectoras nacionales son áreas protegidas y hacen parte del sistema nacional de áreas protegidas”.*

Que el Decreto 1076 de 2015 *“Por medio del cual se expide el Decreto Único Reglamentario del Sector Ambiente y Desarrollo Sostenible”* dispone en su artículo 2.2.2.1.2.1 literal b) que las Reservas Forestales Protectoras son áreas protegidas del Sinap, y corresponden a la categoría de áreas protegidas públicas.

Que el Decreto 1076 de 2015 en su artículo 2.2.2.1.2.3 menciona que las reservas forestales protectoras constituyen un *“Espacio geográfico en el que los ecosistemas de bosque mantienen su función, aunque su estructura y composición haya sido modificada y los valores naturales asociados se ponen al alcance de la población humana para destinarlos a su preservación, uso sostenible, restauración, conocimiento y disfrute. Esta zona de propiedad pública o privada se reserva para destinarla al establecimiento o mantenimiento y utilización sostenible de los bosques y demás coberturas vegetales naturales”.*

Que el referido artículo señala además que *“la reserva, delimitación, alinderación, declaración y sustracción de las Reservas Forestales que alberguen ecosistemas estratégicos en la escala nacional, corresponde al Ministerio de Ambiente y Desarrollo Sostenible, en cuyo caso se denominarán Reservas Forestales Protectoras Nacionales. La administración corresponde a las Corporaciones Autónomas Regionales de acuerdo con los lineamientos establecidos por el Ministerio”.*

Que el Ministerio de Ambiente y Desarrollo Sostenible, mediante los oficios No. 4120-E1-58560 del 03 de diciembre de 2012 y 8002014EE5780-O1-F1 del 15 de mayo de 2014, recibió por parte del Instituto Geográfico Agustín Codazzi- IGAC, apoyo técnico en la documentación de los nombres geográficos relacionados, obteniendo insumos para realizar la precisión a la materialización cartográfica de la Reserva.

Que el Ministerio de Ambiente y Desarrollo Sostenible suscribió el contrato No. 529 de 2016, con el objeto de generar insumos técnicos y jurídicos para el fortalecimiento de la gestión de cinco Reservas Forestales Protectoras Nacionales priorizadas: Río Cali, Río Meléndez, La Elvira, Cerro Dapa-Carisucio y Sonso Guabas; en este contrato se trabajó con la cartografía a escala 1:25.000 fuente IGAC año 2014, la cual es la más actualizada en temporalidad, con mayor exactitud posicional y oficialidad del dato. A partir de los insumos actualizados disponibles se generó una propuesta de materialización cartográfica para la Reserva Forestal Protectora Nacional La Elvira.

Que en virtud de lo previsto por el numeral 14 del artículo 2 del Decreto 3570 de 2011 y del artículo 2.2.2.1.2.3 del Decreto 1076 de 2015, el Ministerio de Ambiente y Desarrollo Sostenible cuenta con competencia privativa para el desarrollo de la función de reservar, delimitar, alinderar y declarar las áreas de Reserva Forestal Protectora Nacionales.

Que el equipo técnico de la Dirección de Bosques, Biodiversidad y Servicios Ecosistémicos del Ministerio de Ambiente y Desarrollo Sostenible, revisó los insumos obtenidos por parte del IGAC, con el fin de realizar la precisión cartográfica de la Reserva Forestal Protectora Nacional La Elvira.

Que el equipo técnico de la Dirección de Bosques, Biodiversidad y Servicios Ecosistémicos del Ministerio de Ambiente y Desarrollo Sostenible, elaboró concepto técnico No. 13 de 07 de julio de 2017, en el que se exponen las consideraciones técnicas sobre la necesidad de actualizar la cartografía, y precisar los límites de la Reserva Forestal Protectora Nacional La Elvira.

Que a través de Memorando DBD-8201-31-005250, la Dirección de Bosques, Biodiversidad y Servicios Ecosistemicos allegó el referido concepto y los documentos relacionados a la Oficina Asesora Jurídica del Ministerio de Ambiente y Desarrollo Sostenible.

Que en consideración a lo expuesto y con fundamento en el análisis de la información suministrada, el Ministerio de Ambiente y Desarrollo Sostenible, precisará cartográficamente el límite de la Reserva Forestal Protectora Nacional La Elvira para la óptima gestión y administración de la misma.

Que en consideración a lo expuesto,

**RESUELVE:**

**ARTÍCULO 1.-** Precisar los límites cartográficos de la Reserva Forestal Protectora Nacional La Elvira contenidos en el artículo primero de la Resolución No. 5 de 1943, los cuales quedarán así:

| **VÉRTICES** | **COORDENADA X** | **COORDENADA Y** | **DESCRIPCIÓN** |
| --- | --- | --- | --- |
| Vértice No. 1 | 1050762,6956 | 880785,1124 | Desde el sitio donde corta la carretera al mar a la Cordillera Occidental de los Andes, es decir en el kilómetro 18, punto con coordenadas X: 1050762,6956 y Y: 880785,1124; |
| Vértice No. 2 | 1057420,2680 | 886991,0775 | Siguiendo en dirección noreste por el filo de esta cordillera que sirve de divorcio de las aguas del río Aguacatal y todos sus afluentes hasta encontrar el cerro Dapa “Alto de Las Antenas”, punto con coordenadas X: 1057420,268 y Y: 886991,0775; |
| Vértice No. 3 | 1059718,6465 | 892587,1448 | De aquí, en línea recta, hasta encontrar la desembocadura de la Quebrada del Tambor en la Quebrada Santa Inés, punto ubicado en las coordenadas X: 1059718,64649 y Y: 892587,14477; |
| Vértice No. 4 | 1056737,3521 | 873585,4608 | De aquí, en línea recta hacia el sur, hasta encontrar el filo que divorcia las aguas de los ríos Aguacatal y Cali, punto con coordenadas X: 1056737,35207 y Y: 873585,46081; |
| Vértice No. 5 | 1055442,7381 | 873781,8761 | De este punto, tomando por el camino antiguo de herradura de Cali a Dagua, en una longitud de uno punto tres kilómetros aproximadamente (1,3 km), hasta el punto con coordenadas X: 1055442,7381 y Y: 873781,8761; |
| Vértice No. 1 | 1050762,6956 | 880785,1124 | De aquí, se sigue por la carretera de Cali al mar, hasta donde se corta con la Cordillera Occidental de los Andes, es decir en el kilómetro 18 con coordenadas X: 1050762,6956 y Y: 880785,1124, tomado como punto de partida. |

**PARÁGRAFO 1°.-** La cartografía oficial de la presente resolución, se encuentra en el anexo No. 1 de la misma y se adopta en formato shapefile con la respectiva cartera de coordenadas, las cuales se encontrarán disponibles en la página web del Ministerio de Ambiente y Desarrollo Sostenible.

**PARÁGRAFO 2°.-** Las coordenadas geográficas se encuentran en el sistema de referencia Magna – Sirgas y para el cálculo del área se usó el Sistema de Referencia Magna – Sirgas Proyección Plana de Gauss Krüger Origen Oeste, que se encuentran en el anexo No. 2 del presente acto administrativo.

**PARÁGRAFO 3º.-** El polígono precisado de la Reserva Forestal Protectora Nacional La Elvira tiene un área aproximada de 7063,84 hectáreas.

**ARTÍCULO 2.-** El concepto Técnico No. 13 de 07 de julio de 2017, elaborado por la Dirección de Bosques, Biodiversidad y Servicios Ecosistémicos, hace parte integral de la presente Resolución.

**ARTÍCULO 3.-** La presente precisión no modifica el régimen de usos del área protegida contenido en la Sección 2- Categorías de Áreas Protegidas, del Capítulo I- Áreas de Manejo Especial, del Título 2- Gestión Ambiental del Decreto 1076 de 2015.

**ARTÍCULO 4.-** La presente resolución deberá fijarse en los despachos de las alcaldías municipales de Cali y Yumbo del Departamento del Valle del Cauca en la forma prevista por el Artículo 55 del Régimen Político y Municipal, e inscribirse en las Oficinas de Registro de Instrumentos Públicos correspondientes, para que surta sus efectos legales de conformidad con lo dispuesto en la Ley 1579 de 2012.

**ARTÍCULO 5.-** Comunicar la presente resolución a la Gobernación del Valle del Cauca, al municipio de Cali, al municipio de Yumbo, a la Corporación Autónoma Regional del Valle del Cauca - CVC, al Instituto Geográfico Agustín Codazzi, a Parques Nacionales Naturales de Colombia, a la Agencia Nacional de Hidrocarburos, a la Agencia Nacional Minera, a la Agencia Nacional de Tierras, a la Unidad de Planificación Rural Agropecuaria, a la Agencia Nacional de Infraestructura y a la Procuraduría Delegada para Asuntos Ambientales y Agrarios.

**ARTÍCULO 6.-** La presente resolución rige a partir de la fecha de su publicación en el Diario Oficial.

**PUBLÍQUESE, COMUNÍQUESE Y CÚMPLASE**

Dada en Bogotá, D.C. a los

**LUIS GILBERTO MURILLO URRUTIA**

Ministro de Ambiente y Desarrollo Sostenible

Elaboró: Natalia Pérez – Abogada contratista Oficina Asesora Jurídica.

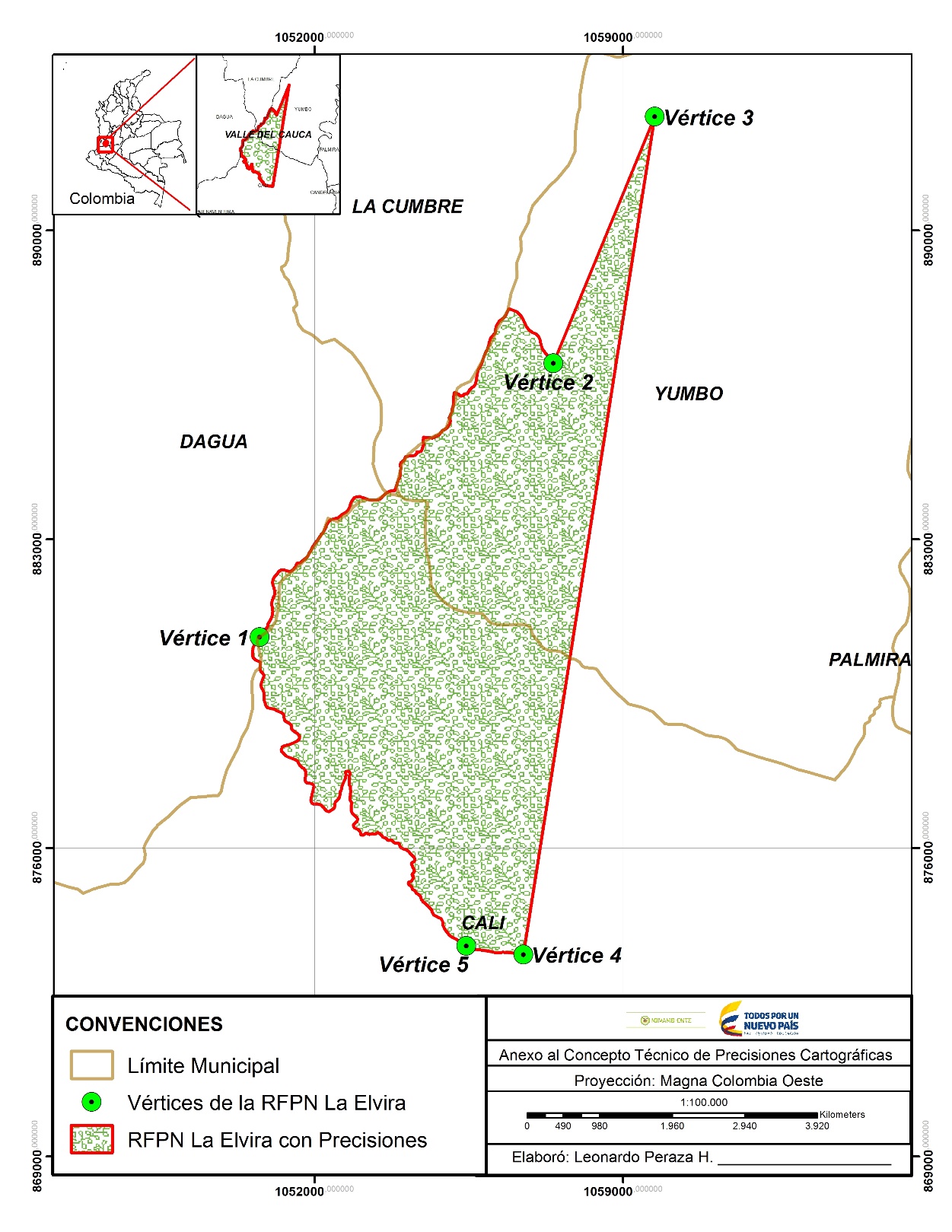
Revisó: Cristian Carabaly - Coordinador Grupo Conceptos y Biodiversidad Oficina Asesora Jurídica.

Revisó: Jaime Asprilla Manyoma – Jefe Oficina Asesora Jurídica – Ministerio de Ambiente y Desarrollo Sostenible

Aprobó: Cesar Augusto Rey Ángel – Director de Bosques, Biodiversidad y Servicios Ecosistémicos

Aprobó: Carlos Alberto Botero López - Viceministro de Ambiente y Desarrollo Sostenible.

**ANEXO No. 1**

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**ANEXO No. 2**

| **ID** | **X** | **Y** |
| --- | --- | --- |
| 1 | 1050762.6956 | 880785.1124 |
| 2 | 1050763.8307 | 880786.1318 |
| 3 | 1050780.5814 | 880801.2560 |
| 4 | 1050794.0822 | 880814.8803 |
| 5 | 1050801.7084 | 880842.1300 |
| 6 | 1050806.2096 | 880864.8174 |
| 7 | 1050812.2103 | 880881.4421 |
| 8 | 1050816.8364 | 880902.6295 |
| 9 | 1050824.3370 | 880916.2541 |
| 10 | 1050839.4625 | 880925.3784 |
| 11 | 1050848.5878 | 880931.4406 |
| 12 | 1050857.5881 | 880937.5027 |
| 13 | 1050869.7135 | 880945.0646 |
| 14 | 1050883.3390 | 880954.1265 |
| 15 | 1050904.5897 | 880966.2504 |
| 16 | 1050913.5901 | 880976.8125 |
| 17 | 1050924.2161 | 880994.9995 |
| 18 | 1050934.7170 | 881016.1866 |
| 19 | 1050940.8428 | 881031.3114 |
| 20 | 1050946.8441 | 881057.0611 |
| 21 | 1050952.8455 | 881087.3109 |
| 22 | 1050967.2218 | 881114.5603 |
| 23 | 1050980.8477 | 881133.4972 |
| 24 | 1050995.9740 | 881156.9340 |
| 25 | 1051007.4755 | 881187.6835 |
| 26 | 1051018.7265 | 881210.0581 |
| 27 | 1051029.8526 | 881232.4325 |
| 28 | 1051040.9787 | 881252.9322 |
| 29 | 1051044.7297 | 881275.2445 |
| 30 | 1051052.2315 | 881312.5567 |
| 31 | 1051052.2327 | 881336.7442 |
| 32 | 1051055.9838 | 881360.9940 |
| 33 | 1051054.1099 | 881383.3693 |
| 34 | 1051054.1114 | 881413.1818 |
| 35 | 1051044.7376 | 881441.1199 |
| 36 | 1051042.2389 | 881467.6825 |
| 37 | 1051040.9896 | 881480.2451 |
| 38 | 1051033.6161 | 881511.9330 |
| 39 | 1051029.8681 | 881556.6833 |
| 40 | 1051040.9946 | 881586.4953 |
| 41 | 1051046.6210 | 881618.1826 |
| 42 | 1051061.4978 | 881653.5569 |
| 43 | 1051072.7496 | 881688.9941 |
| 44 | 1051089.5012 | 881722.5558 |
| 45 | 1051100.7526 | 881752.3678 |
| 46 | 1051104.3795 | 881789.6177 |
| 47 | 1051100.7556 | 881815.7430 |
| 48 | 1051094.3823 | 881851.3058 |
| 49 | 1051083.8844 | 881893.9940 |
| 50 | 1051064.8872 | 881953.8075 |
| 51 | 1051054.5145 | 882002.4330 |
| 52 | 1051054.5158 | 882030.2457 |
| 53 | 1051056.2674 | 882063.2456 |
| 54 | 1051068.3946 | 882108.3702 |
| 55 | 1051094.3964 | 882146.6190 |
| 56 | 1051127.5232 | 882181.3676 |
| 57 | 1051165.6505 | 882228.2408 |
| 58 | 1051184.7769 | 882256.0524 |
| 59 | 1051205.0282 | 882281.6141 |
| 60 | 1051227.4039 | 882294.6755 |
| 61 | 1051248.0293 | 882303.2371 |
| 62 | 1051271.5297 | 882308.5485 |
| 63 | 1051294.1547 | 882307.7974 |
| 64 | 1051316.9046 | 882304.7963 |
| 65 | 1051340.4044 | 882299.4826 |
| 66 | 1051389.5286 | 882279.8553 |
| 67 | 1051419.0282 | 882271.5413 |
| 68 | 1051441.0281 | 882270.0403 |
| 69 | 1051455.4033 | 882270.7895 |
| 70 | 1051469.0286 | 882276.8514 |
| 71 | 1051488.5293 | 882290.9130 |
| 72 | 1051504.0297 | 882297.8498 |
| 73 | 1051517.2802 | 882308.4742 |
| 74 | 1051526.1557 | 882316.9738 |
| 75 | 1051534.9062 | 882328.7859 |
| 76 | 1051548.2822 | 882347.9103 |
| 77 | 1051560.5329 | 882363.5348 |
| 78 | 1051573.9086 | 882377.6592 |
| 79 | 1051581.1596 | 882396.4088 |
| 80 | 1051584.1604 | 882414.3463 |
| 81 | 1051589.5361 | 882426.1585 |
| 82 | 1051596.4118 | 882441.8458 |
| 83 | 1051602.5371 | 882450.5954 |
| 84 | 1051611.6626 | 882457.9075 |
| 85 | 1051627.7878 | 882462.0942 |
| 86 | 1051640.7877 | 882460.9061 |
| 87 | 1051657.5379 | 882463.9678 |
| 88 | 1051671.2882 | 882467.7797 |
| 89 | 1051691.9136 | 882476.5912 |
| 90 | 1051707.1643 | 882487.3405 |
| 91 | 1051735.9157 | 882516.0892 |
| 92 | 1051790.7928 | 882557.3992 |
| 93 | 1051810.6687 | 882577.2108 |
| 94 | 1051827.4193 | 882588.7725 |
| 95 | 1051853.9209 | 882620.5213 |
| 96 | 1051864.5469 | 882640.9583 |
| 97 | 1051869.7981 | 882666.3331 |
| 98 | 1051881.0494 | 882690.5201 |
| 99 | 1051908.3010 | 882726.0815 |
| 100 | 1051932.5533 | 882771.5179 |
| 101 | 1051935.5539 | 882782.8303 |
| 102 | 1051957.4310 | 882825.2043 |
| 103 | 1052017.9352 | 882913.0142 |
| 104 | 1052075.4389 | 882986.8240 |
| 105 | 1052128.3179 | 883067.8217 |
| 106 | 1052150.6946 | 883099.0707 |
| 107 | 1052181.0712 | 883133.8819 |
| 108 | 1052228.1994 | 883199.0047 |
| 109 | 1052251.8272 | 883255.1912 |
| 110 | 1052258.5786 | 883284.3785 |
| 111 | 1052270.9551 | 883315.8779 |
| 112 | 1052292.3318 | 883349.5645 |
| 113 | 1052329.3342 | 883401.2504 |
| 114 | 1052360.5859 | 883433.2489 |
| 115 | 1052384.8366 | 883446.3102 |
| 116 | 1052421.8372 | 883455.4336 |
| 117 | 1052455.4627 | 883466.5570 |
| 118 | 1052492.0882 | 883473.0553 |
| 119 | 1052518.9634 | 883477.9915 |
| 120 | 1052534.9638 | 883485.2408 |
| 121 | 1052548.2143 | 883493.6775 |
| 122 | 1052569.3401 | 883511.4891 |
| 123 | 1052604.7167 | 883541.3000 |
| 124 | 1052641.9679 | 883567.4233 |
| 125 | 1052686.4692 | 883592.2337 |
| 126 | 1052720.9705 | 883616.9196 |
| 127 | 1052772.4733 | 883671.7922 |
| 128 | 1052791.1003 | 883712.7915 |
| 129 | 1052822.1051 | 883811.7278 |
| 130 | 1052840.3571 | 883853.1019 |
| 131 | 1052898.4862 | 883934.9744 |
| 132 | 1052920.8619 | 883949.4733 |
| 133 | 1052957.3624 | 883960.2216 |
| 134 | 1052965.7377 | 883962.6588 |
| 135 | 1053030.4880 | 883966.6556 |
| 136 | 1053076.1124 | 883952.2784 |
| 137 | 1053126.4870 | 883940.0885 |
| 138 | 1053197.3608 | 883910.2725 |
| 139 | 1053234.6101 | 883897.2707 |
| 140 | 1053286.8597 | 883886.0807 |
| 141 | 1053324.4848 | 883884.2664 |
| 142 | 1053365.1098 | 883884.2018 |
| 143 | 1053402.3600 | 883886.0752 |
| 144 | 1053444.4854 | 883893.8857 |
| 145 | 1053478.7361 | 883906.5716 |
| 146 | 1053540.1140 | 883963.5687 |
| 147 | 1053608.9923 | 884030.1906 |
| 148 | 1053641.7435 | 884051.0640 |
| 149 | 1053647.9937 | 884056.9387 |
| 150 | 1053653.6190 | 884062.1261 |
| 151 | 1053658.9942 | 884066.9382 |
| 152 | 1053665.8694 | 884069.6879 |
| 153 | 1053679.4948 | 884076.4998 |
| 154 | 1053687.6199 | 884078.5619 |
| 155 | 1053695.1199 | 884081.2491 |
| 156 | 1053701.9951 | 884083.3112 |
| 157 | 1053710.8704 | 884087.3733 |
| 158 | 1053718.2456 | 884092.1230 |
| 159 | 1053724.9958 | 884095.3727 |
| 160 | 1053731.8708 | 884098.7474 |
| 161 | 1053745.2460 | 884099.4967 |
| 162 | 1053754.7461 | 884099.3713 |
| 163 | 1053766.6211 | 884100.2457 |
| 164 | 1053776.1211 | 884099.6828 |
| 165 | 1053785.8711 | 884099.4948 |
| 166 | 1053798.2462 | 884099.4941 |
| 167 | 1053810.1211 | 884099.6811 |
| 168 | 1053819.9962 | 884100.4306 |
| 169 | 1053824.4966 | 884107.8054 |
| 170 | 1053828.6220 | 884117.3678 |
| 171 | 1053829.3722 | 884122.1178 |
| 172 | 1053830.7475 | 884127.5552 |
| 173 | 1053833.3728 | 884131.6801 |
| 174 | 1053836.1230 | 884137.1175 |
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