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TERCER INFORME (borrador)

CONSULTORIA: Estimación de la relación densidad de copas / stock de carbono

(FONAFIFO/FCPF/Donación TF0A2303)

1. **ACRÓNIMOS UTILIZADOS**

|  |  |
| --- | --- |
|  |  |
| ab | Área basimétrica |
| AB | Área basal |
| AGB | Biomasa arriba del suelo |
| CATIE | Centro Agronómico Tropical de Investigación y Enseñanza |
| CCT | Centro Científico Tropical |
| CEO | Application web: Collect Earth Online |
| CODEFORSA | Asociación Comisión de Desarrollo Forestal de San Carlos |
| DAP | Diámetro a la altura del pecho (1,3 cm) |
| FEES | Fondo especial para la educación superior |
| FUNDECOR | Fundación para el Desarrollo de la Cordillera Volcánica |
| INF | Inventario Nacional Forestal 2013-2014. |
| INISEFOR | Instituto de Investigación y Servicios Forestales |
| OEFO | Observatorio de Ecosistemas Forestales |
| OET | Organización para Estudios Tropicales |
| PPM | Parcelas Permanente de Muestreo en Bosques Naturales |
| REDD | Programa para la reducción de las emisiones derivadas de la deforestación y la degradación de los bosques |
| SIGUMF | Sistema de información para el registro y control de los planes de manejo procesados y aprobados por el SINAC |
| SIREFOR | Sistema de Información de los Recursos Forestales de Costa Rica |
| SNIT | Sistema Nacional de Información Territorial |
| TEAM | Proyecto de monitoreo establecido en el corredor altitudinal La Selva-Volcán Barva |
| TEC/ITCR | Instituto Tecnológico de Costa Rica |
| UNA | Universidad Nacional de Costa Rica |

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# Objetivo

Revisar y ajustar con datos de campo del Inventario Nacional Forestal (INF) y Parcelas Permanentes del Observatorio de Ecosistemas Forestales (OEFO), la relación cobertura de copa-biomasa utilizada en el Segundo Análisis de degradación de Costa Rica desarrollado por Gonzalo (2017) y ampliar el rango de tiempo de la evaluación visual multitemporal de este estudio de degradación en bosques primarios, al inicio del periodo histórico de referencia de emisiones forestales (1998-2016).

# Aspectos generales

Con el fin de ampliar la información y validar los datos generados con más información se solicitó desde la oficina REDD de Costa Rica, la información de biomasa registrada en Parcelas Permanentes de Monitoreo de Bosque Natural administradas por el Observatorio de Ecosistemas Forestales (OEFO), se recolectó información en el periodo cercano a 1998 hasta la información disponible al año 2017, se procesó información de la localización de las parcelas y sus dimensiones. La solicitud se hizo a través de cartas a cada administrador de parcelas asociado al OEFO (Anexo 1). Para el caso de la Organización de Estudios Tropicales, la información utilizada fue la publicada por el proyecto TEAM en su sitio WEB.

Los administradores del OEFO entregaron la información solicitada, con la restricción de que esta información fuera solamente utilizada para este estudio.

Para la evaluación de la cobertura forestal en 1998 en los sitios donde se ubica una parcela permanente (PPM) y que fue medida en ese año, se utilizaron las fotografías aéreas de la MISION TERRA 97, las cuales fueron georreferenciadas como parte de las tareas 2 y 3 de este trabajo, sin embargo, la mayoría de PPM se ubican en la zona norte del país, zona no cubierta por la MISION TERRA 97.

# Pasos por aplicar en la Metodología

## Homologación de las bases de datos entregadas por de cada uno de los miembros de la OEFO y del INF, especialmente el tema de la normalización de los nombres científicos

La información por utilizar consta de la información de las Unidades Primarias de las parcelas correspondientes al estrato de Bosque Maduro del INF-2013 y 5 bases de datos provistos por los administradores del OEFO, según se muestra en el Cuadro 1

Cuadro 1. Datos provistos por los administrados del OEFO

|  |  |  |  |
| --- | --- | --- | --- |
| **Fuente** | **Cantidad de Registros** | **Registros desde** | **Ultimo año de medición** |
| INF-2013 | 2 814 | 2 013 | 2014 |
| CATIE | 64 063 | 1 996 | 2004-2015 |
| CODEFORSA | 40 804 | 1 990 | 2010-2017 |
| FUNDECOR | 30 575 | 2 003 | 2016-2017 |
| UNA-INISEFOR | 71 630 | 1 995 | 2014-2016 |
| OET-TEAM | 54 602 | 1 991 | 2004-2010 |
| TOTAL | 264 488 |  |  |

Para homologar las bases de datos, se procedió de cada fuente de información a extraer los datos de las fechas de medición de cada parcela y su ubicación en coordenadas CRTM05 y para cada árbol el dap medido y su especie. Las bases de datos del OEFO en su mayoría no registran la altura de los árboles, por lo que esto afecta la aplicación de ecuaciones alométricas que requieren esta variable para el cálculo de biomasa.

Para el caso del nombre de la especie forestal, se integró una lista de especies que utilizó como insumos los listados de:

* SIGUMF (Sistema de información para el registro y control de los planes de manejo procesados y aprobados por el SINAC),
* INF,
* Taller de expertos financiado por el fondo FEES.

Las especies reportadas en las PPM que no se encontraron en este listado fueron consultadas en “Flora Mesoamericana de Trópicos” para confirmar su presencia en el país e integradas a la lista de especies.

La lista de especies integrada consta de 2,786 especies registradas, cada una con un código alfabético de 8 caracteres (4 del género y 4 de la especie y controlando que no existieran códigos duplicados).

Se implementó un ordenamiento de las parcelas en la que se asignó un código a cada parcela, que consta de 8 caracteres que está compuesto de la siguiente manera:

Parcelas del Inventario Nacional Forestal (INF)

|  |  |
| --- | --- |
| Acrónimo (3 Primeras letras) | Numeración INF2013  (5 caracteres numéricos) |
| INF | 000000 |

Para el caso de las Parcelas Permanentes de Muestreo (PPM)

|  |  |  |
| --- | --- | --- |
| Acrónimo (3 Primeras letras) | Acrónimo de procedencia | Número consecutivo de 1 a “n” |
| PPM | UNA[[1]](#footnote-1), CAT, COD, OET, FUN | 01,02, 03 …..n |

En total se utilizaron 243 parcelas, es decir, 243 puntos en el territorio nacional para la evaluación de cobertura forestal, tal como se muestra en el Cuadro 2 y Figura 1 y Anexo 2.

Cuadro 2. Parcelas de muestreo según fuente de información.

|  |  |
| --- | --- |
| Fuente de información | Cantidad de parcelas |
| INF-2013 | 60 |
| CATIE | 69 |
| CODEFORSA | 35 |
| FUNDECOR | 34 |
| OET-TEAM | 10 |
| UNA-INISEFOR | 35 |
| Total | **243** |

Las PPM, han sido medidas en una o más ocasiones, lo que permite comparar en el tiempo los datos de biomasa. Los datos del INF solo tienen una medición la cual va a ser evaluada con las imágenes disponibles del 2013. En total se cuenta con 795 registros a evaluar en diferentes años, tal como se muestra en el Cuadro 3.

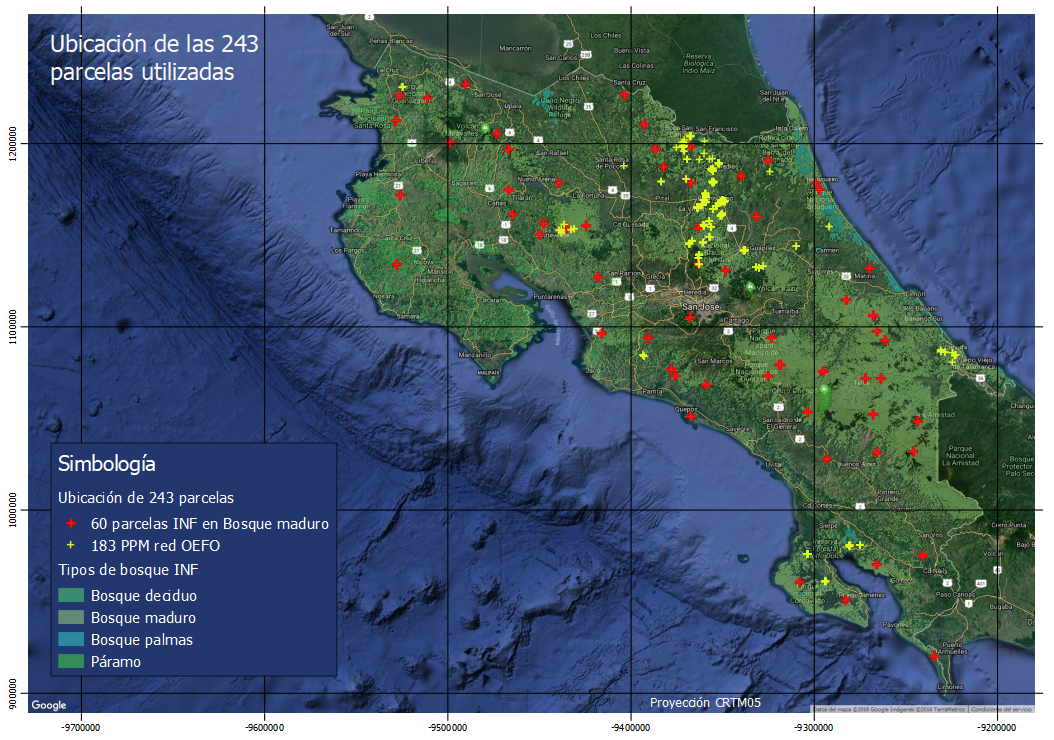


Figura 1. Ubicación de las 243 parcelas utilizadas para este trabajo.

Cuadro 3. Cantidad de parcelas por fuente de información y año de medición.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Año de medición | Mediciones por fuente de información | | | | | | Total de mediciones |
| **INF** | **Catie** | **Codeforsa** | **Fundecor** | **OET-Team** | **UNA-Inisefor** |
| 1997 |  | 9 | 17 | 1 |  |  | 27 |
| 1998 |  | 18 | 32 | 23 |  | 8 | 81 |
| 1999 |  |  |  | 29 |  | 1 | 30 |
| 2000 |  | 9 |  | 23 |  |  | 32 |
| 2001 |  |  |  | 2 |  |  | 2 |
| 2002 |  | 36 |  | 2 |  | 5 | 43 |
| 2003 |  | 9 | 26 | 22 | 1 | 8 | 66 |
| 2004 |  | 4 | 1 |  | 2 | 9 | 16 |
| 2005 |  | 43 | 2 | 18 | 2 | 8 | 73 |
| 2006 |  | 10 | 2 | 2 | 4 | 4 | 22 |
| 2007 |  |  | 1 | 4 | 4 | 8 | 17 |
| 2008 |  | 9 |  | 21 | 6 | 15 | 51 |
| 2009 |  | 33 | 1 | 2 | 1 | 3 | 40 |
| 2010 |  | 12 | 27 | 4 | 9 | 15 | 67 |
| 2011 |  | 9 |  | 7 | 10 | 8 | 34 |
| 2012 |  |  |  | 20 | 10 | 2 | 32 |
| 2013 | 60 |  |  | 4 | 10 | 2 | 76 |
| 2014 |  |  |  | 12 | 10 | 2 | 24 |
| 2015 |  | 6 |  | 15 | 9 | 1 | 31 |
| 2016 |  |  |  | 7 | 10 | 3 | 20 |
| 2017 |  |  |  |  | 9 | 2 | 11 |
| Total | **60** | **207** | **109** | **218** | **97** | **104** | **795** |

## Calculo de la biomasa arriba del suelo (AGB)

Para el cálculo de biomasa se han documentado en (Casanoves, Ospina, & Vilchez, 2017) diversas ecuaciones alométricas (Cuadro 4), sin embargo, en el INF se utilizaron para el cálculo de la biomasa las ecuaciones de:

* (Chave, y otros, 2005) para los arboles con un dap desde los 5 hasta los 106 cm. Este modelo fue elaborado con un rango diamétrico de 5 cm a 106 cm. Al utilizar 3 variables: gravedad específica de la madera (GE), DAP y HT, podría estar aumentando el error en el cálculo, a pesar de que el modelo tiene un ajuste superior al 98%, es un modelo general para bosques tropicales y no es específico para la zona
* (Fonseca, Alice, & Rey, 2009) para los arboles entre 2.5 y 30 cm de dap.

Dado que la mayoría de las mediciones de los árboles de las PPM no incluye la variable altura, no es posible utilizar las mismas ecuaciones alométricas utilizadas en el INF, por lo que se procedió a utilizar las ecuaciones alométricas de la numero 4 a la numero 19 listadas en el Cuadro 4 para cada especie o tipo de bosque según sea el caso, las cuales no incluyen la variable altura para la estimación de biomasa.

Pero para reducir el sesgo por la utilización de ecuaciones diferentes que solo consideran la variable de dap, se optó como un segundo método utilizar una regresión entre los datos obtenidos de biomasa (ton/ha) en las 60 parcelas del INF correspondientes a las ubicadas en bosque maduro y el área basal (m2/ha), obteniendo la siguiente ecuación de segundo grado (Ecuación 1, Figura 2 y Anexo 3), la cual tiene un R2=0.6937.

Ecuación :

Donde:

* Ba= Biomasa aérea (ton/ha)
* AB= Área Basal (m2/ha)

Cuadro . Algunas ecuaciones alométricas de referencia para el cálculo de biomasa arriba del suelo

|  |  |  |  |
| --- | --- | --- | --- |
| # | ESPECIE | ECUACIÓN | Referencia |
| 4 | Calophylum brasiliense | ln(Ba)=-2.829+2.704\*ln(dap) | (Montero & Montagnini, 2005) |
| 5 | Vochysia guatemalensis | ln(Ba)=-2.815+2.428\*ln(dap). | (Montero & Montagnini, 2005) |
| 6 | Vochysia ferruginea | ln(Ba)=-3.252+2.492\*ln(dap). | (Montero & Montagnini, 2005) |
| *7* | *Jacaranda copaia* | ln(Ba)=-4.398+2.765\*ln(dap). | (Montero & Montagnini, 2005) |
| *8* | *Virola koschnyii* | ln(Ba)=-4.132+2.755\*ln(dap) | (Montero & Montagnini, 2005) |
| 9 | Dipteryx panamensis | ln(Ba)=-3.011+2.947\*ln(dap) | (Montero & Montagnini, 2005) |
| 10 | Terminalia amazonia | ln(Ba)=-2.538+2.614\*ln(dap) | (Montero & Montagnini, 2005) |
| *11* | *Genipa americana* | ln(Ba)=-4.084+2.958\*ln(dap) | (Montero & Montagnini, 2005) |
| 12 | Hyeronima alchorneoides | ln(Ba)=-1.696+2.224\*ln(dap) | (Montero & Montagnini, 2005) |
| 13 | Balizia elegans | ln(Ba)=-4.820+2.959\*ln(dap) | (Montero & Montagnini, 2005) |
| 14 | Euterpe precatoria y Phenakospermun guianensis | Ba=[e^(0.76+0.00015\*dap^2)]\*1000 | (Intergovernmental Panel on Climate Change (IPCC), 2003) |
| 15 | Bosque húmedo | Ba= 34.4908-11.7883 (dap) + 1.1926 (dap^2) | (Brown, Gillespie, & Lugo, 1989) |
| 16 | Bosque seco | Ba= 34.4703-8.0671 (dap) + 0.6589 (dap^2) | (Brown, Gillespie, & Lugo, 1989) |
| 17 | Varias especies | Ba = e-7,3 + 2,1\*ln(dap) \* 1000 | (Segura & Kanninen, 2005) |
| 18 | Bosques de altura (pluvial) | Ba= e^(-2,64093+ 2,62265\*ln(dap)) | (Fonseca, Alice, Rojas, Villalobos, & y Porras, 2016) |
| 19 | Bosques de Zona Norte | Ln(Ba) = (0,553329 +0,556121\*ln(dap)^2) | (Fonseca, Alice, Rojas, Villalobos, & y Porras, 2016) |
| 20 | Bosque tropical húmedo | Ba = 0.01689\*(d)1.6651\*(h)1.4412 | (Ortíz, 1997) |
| 21 | Palmas del género Astrocaryum | Ba=21.30\*Hc | (Goodman, y otros, 2013) |
| 22 | Palmas del género Attalea | Ln(Ba)= 3.25+1.12\*Ln(Hc+1) | (Goodman, y otros, 2013) |
| 23 | Palmas del género Euterpe | Ba= -108.81+13.58\*Hc | (Goodman, y otros, 2013) |
| 24 | Palmas del género Iriartea | Ln(Ba)= -3.48+0.94\*Ln(dap2\*Hc) | (Goodman, y otros, 2013) |
| 25 | Palmas del género Socratea | Ln(Ba)= -3.79+1.00\*Ln(dap2\*Hc) | (Goodman, y otros, 2013) |
| 26 | Familia Arecaceae | Ln(Ba)= -3.34+2.74\*Ln(dap) | (Goodman, y otros, 2013) |
| 27 | Multiples especies | Ba=e^(-2.977+ln(GE\*dap^2\*ht)) | (Chave, y otros, 2005) |
| 28 | Multiples especies | Ba=e^(-1.80246+2.28927\*ln(dap)) | (Fonseca, Alice, & Rey, 2009) |

Donde:

* Ba: biomasa aérea
* dap: diámetro a altura de pecho
* h: altura
* hc: altura comercial
* ht: altura total

Figura . Regresión lineal entre el área basal por hectárea y la biomasa arriba del suelo en las 60 parcelas del INF correspondientes a bosque maduro

Las PPM tienen 3 diferentes tamaños:

* Una hectárea
* 0.3 hectáreas
* 0.25 hectáreas

Por lo que se procedió primero a calcular el área basimétrica de cada árbol según la Ecuación 2:

Ecuación :

Donde

* ab: área basimétrica (m2)
* dap: diámetro a la altura del pecho (cm)

Posteriormente se suman las áreas basimétricas de los árboles de cada parcela y se divide entre el área de la parcela para obtener el Área Basal por hectárea en m2/ha.

Ecuación :

Donde

* ABi: Área basal por hectárea de una parcela (m2/ha)
* ab: área basimétrica de los árboles de una parcela (m2)
* APi: Área de la parcela (ha)

Una vez obtenida el Área Basal por hectárea de cada parcela se aplica la Ecuación 1, para obtener el dato de biomasa para cada medición realizada a las PPM, en total son 735 mediciones desde 1997 hasta el 2017. Los resultados se presentan en el Anexo 4.

En la Figura 3 se muestra la comparación entre los métodos de cálculo de biomasa, se observa que arriba de 40 metros cuadrados por ha, el meto de regresión tiende a subestimar el dato de biomasa, mientras que para áreas basales menores a 40 metros cuadraos por hectárea la biomasa calculada mediante ecuaciones alométricas están sobre y debajo la estimación por regresión lineal.

Ambos datos se mantendrán, pero para hacer la comparación de datos de biomasa en el tiempo se utilizará el cálculo mediante regresión lineal, tratando de ser consecuentes con los datos de biomasa calculados en el INF.

Figura . Comparación entre los métodos de cálculo de biomasa utilizando las ecuaciones 4 a 19 del cuadro 4 y el método de cálculo por regresión lineal

## Evaluación de la degradación

El método por utilizar es una evaluación visual multitemporal con imágenes de alta resolución para estimar la reducción de la cubierta del dosel, la cual se realiza mediante la aplicación “Collect Earth Online”[[2]](#footnote-2) (tanto la versión WEB como la Desktop), tal como lo indica (Gonzalo, 2017).

Para evaluar la cobertura del dosel en las mediciones efectuadas entre el 2009 al 2017 se utilizarán las imágenes de alta resolución de “Digital Globe WMS Imagery” disponibles en la herramienta.

Para el 2005 se utilizará el servicio publicado en el Sistema Nacional de Información Territorial (SNIT) y enlazado con la herramienta versión WEB de la misión CARTA-2005[[3]](#footnote-3).

Para el año 1997 y 1998 se utilizarán las fotografías aéreas ortorectificadas de la misión TERRA-97 producto de la primera y segunda parte de esta consultoría, estas fotografías se utilizarán en la herramienta versión “Desktop”

La evaluación espacial consiste en graficar una parcela de 49 puntos, sobre la ubicación del punto central de la parcela que se requiere evaluar, la cual tiene una forma cuadrada de 100 x 100 metros y un distanciamiento entre puntos de 12.9 metros, dicha parcela es construida por la herramienta “Collect Earth Online” tal como se muestra en la Figura 4. En la herramienta se clasifican los puntos según sea el diseño del formulario y la información de interés a capturar.



Figura . Ejemplo de parcela construida por “Collect Earth Online” en un sitio donde se ubica una parcela

Gonzalo (2017), plantea tres clases de degradación forestal basadas en la reducción del dosel,

* No hay bosques degradados (0<15%)
* Bosques levemente degradados (15-35%)
* Bosques degradados (> 35%)

La degradación debería ser calculada en base a un cambio de la cobertura de copa en el tiempo, es decir se requiere al menos 2 puntos de observación en el tiempo.

Con Collect Earth Online, se busca medir esta reducción de la cobertura, asignando a cada punto una calificación de acuerdo con el formulario diseñado, en este caso, bosque, claro y otro uso.

Cuando se tiene solo una observación y se anotan puntos como “otro uso”, el porcentaje de bosque calculado va a ser menor que 100%, pero esto no implica que hay problemas de degradación o deforestación, ya que para definir esto se requieren al menos 3 observaciones y calcular la reducción so es el caso. En la Figura 5 se muestra una parcela con un punto marcado como claro (en amarillo) y 2 puntos como otro uso (en café). El porcentaje de bosque calculado en este caso es de 93.8 % (46 puntos entre el total de 49 puntos), pero hasta no compararlo con otra imagen en un punto de tiempo diferente no es posible determinar si existe una tasa de cambio por claros (degradación) o cambio de uso (deforestación).

Figura 5. Ejemplo de parcela construida por “Collect Earth Online” en un sitio donde se ubica una parcela con puntos de claros y otros usos.

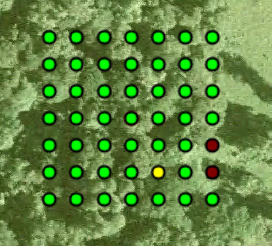


Figura . Ejemplo de parcela construida por “Collect Earth Online” en un sitio donde se ubica una parcela con puntos de claros y otros usos.

### Crear formulario en la aplicación web: Collect Earth Online (CEO)

Para publicar un proyecto, debe existir una institución declarada en el sitio web de “Collect Earth Online”, en este caso la Secretaría REDD de Costa Rica, está declarada como institución bajo el nombre SEREDDCR y a la vez se deben declarar los usuarios autorizados para crear proyectos dentro del sitio de la institución.

Para cada proyecto se debe diseñar un formulario de ingreso de datos para cada año de medición. La información a recolectar es acordada y el formulario diseñado con la coordinación técnica de la Secretaría REDD en “Collect Earth Online” (Figura 6), donde:

* Se define un nombre del formulario o proyecto, el cual para este trabajo se incluye en el nombre el año de evaluación, además se puede agregar una descripción del proyecto.
* Se define la visibilidad o nivel de privacidad del proyecto. Para este caso se selecciona la opción de Institución (Solo los miembros del grupo pueden ver el proyecto). Las otras opciones es hacerlo público, privado o por invitación.
* la selección del set de imágenes de alta resolución correspondiente al año de evaluación
* definir el alcance geográfico de evaluación
* Se define cual será la distribución espacial, para este caso la distribución espacial corresponde a la ubicación de las parcelas medidas el año que se está evaluando. (Las otras opciones son distribución al azar y distribución en grilla)
  + Esta distribución se carga mediante un archivo CSV, que contiene solamente las coordenadas en formato geográfico de las parcelas.
  + El archivo de salida de la evaluación respeta el orden de las coordenadas ingresadas en el archivo CSV.
  + Sin embargo, el orden de la evaluación visual no respeta el orden de las coordenadas de las parcelas, ni hay un indicador en la herramienta de cual punto se está evaluando, por lo que no es posible identificar cual parcela se está evaluando visualmente.
* Se define la forma de la parcela a construir, para este trabajo es cuadrada (la otra opción es una parcela circular)
* Se define la distribución espacial de los puntos dentro de la parcela, en este caso es mediante una grilla (la otra opción es al azar)
* Se define el tamaño de las parcelas, el cual se fija en 90 metros.
* Se indica la resolución o distanciamiento en metros, el cual se fija en 12.9 metros.
* Por último, se define el formulario o los formularios que se requieran. Para este caso se diseñan 2 formularios
  + El primero se llama: “Densidad del dosel” y contiene las siguientes opciones:
    - Bosque: se selecciona si el punto cae sobre dosel
    - Claro: se selecciona si el punto cae sobre un claro (degradación)
    - Otro uso: se selecciona si el punto cae fuera del área de bosque
  + El segundo formulario se le llama: “Condición” y contiene las siguientes opciones:
    - En bloque de bosque
    - En lindero del bosque
* Por último, se ejecuta el comando: “Crear proyecto” y “Publicar proyecto” para que este pueda ser accesado y proceder con la evaluación visual multitemporal.

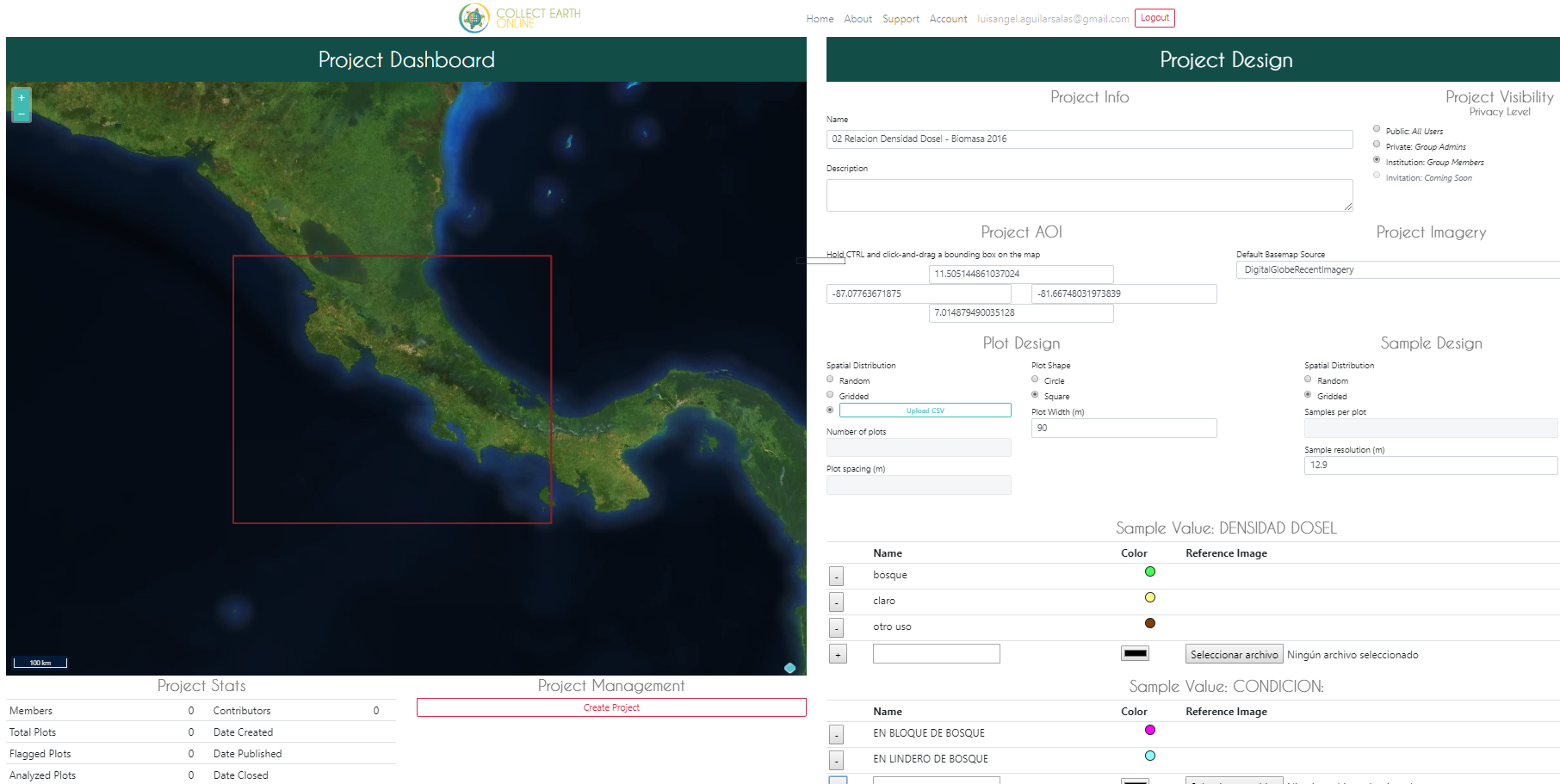


Figura 6. Muestra de la captura de pantalla del proceso de construcción del formulario de evaluación en “Collect Earth Online” versión WEB

### Generar archivos, descargar y consolidar los análisis arrojados por “Collect Earth Online”

Como se indicó anteriormente, para cada año se diseña un formulario, el cual a la vez requiere de un archivo en formato de texto (CSV) que contiene las coordenadas de las parcelas a evaluar ese año. La herramienta una vez finalizada la evaluación brindada genera un archivo de texto que resume para cada parcela la proporción de puntos para cada una de las opciones de los dos formularios “Densidad del dosel” y “Condición”.

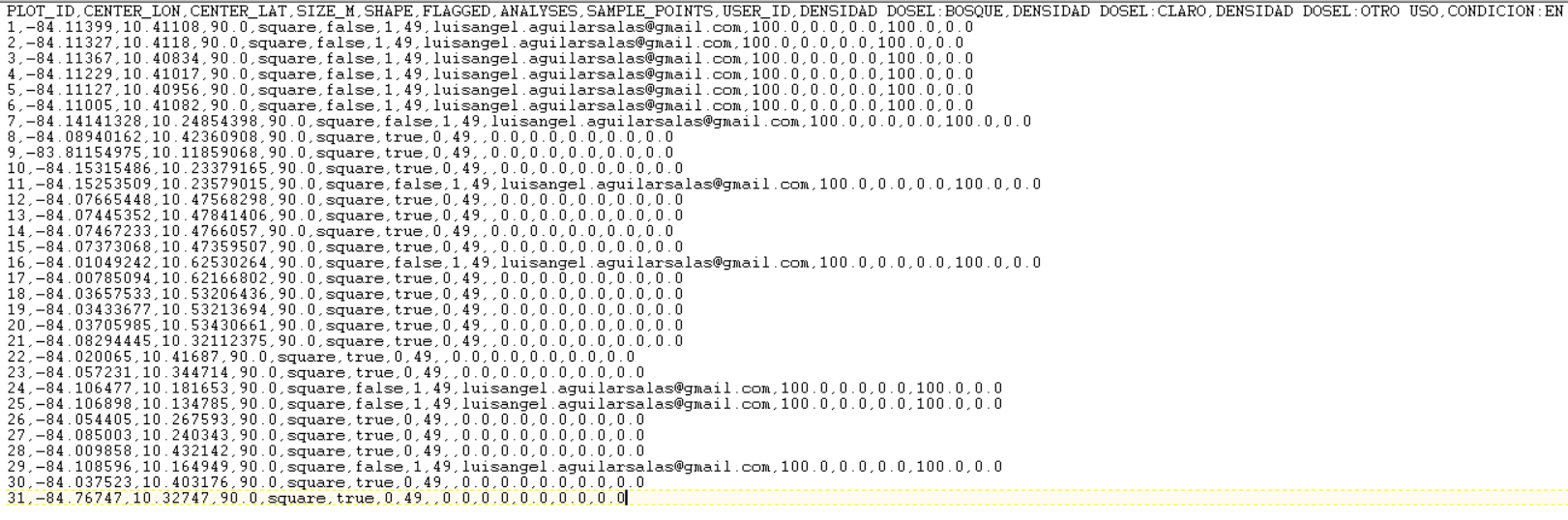


Figura . Muestra de captura de pantalla de un archivo de salida de “Collect Earth Online”

Dado que no hay imágenes de alta resolución anterior al año 2009, no se podrán evaluar todos los años. Solamente se podrán evaluar 9 años correspondientes desde el año 2009 al 2017 (los datos del 2017 se evalúan con las imágenes del 2016), 2005 se evalúa con un servicio WMS que permite cargar las fotografías aéreas de la misión CARTA-2005 y por último los años 1997 y 1998 se evalúan en la versión de la herramienta “Collect Earth Online” versión “Desktop” evaluando sobre las fotografías aéreas ortorectificadas en la primera parte de este trabajo de la misión TERRA-97 (con el inconveniente de que esta misión no cubrió la zona norte del país, por condiciones climáticas y es donde están ubicadas la mayor parte de PPM establecidas antes de 1998), por lo que solamente son evaluables 413 mediciones que corresponden a esos años de las 795 mediciones disponibles.

Además, no todo el país está cubierto por imágenes de alta resolución, por lo que se presentan casos donde no es posible realizar la evaluación debido a que no existe la imagen que permitan visualizar el detalle del dosel. En el **Anexo 5** se muestran algunas muestras de las evaluaciones visuales.

Los archivos de salida se consolidan en una electrónica en formato XLSX, la cual contiene una tabla de datos con la siguiente estructura:

* **Orden**: Número único para la ordenación de la información
* **Codigo Parcela** "Código asignado de 8 caracteres para la identificación de las parcelas del Inventario Nacional Forestal (INF) y las parcelas permanentes (PPM):

El código de las parcelas está compuesto para:

* + Parcelas de inventario: 3 primeras letras ""INF"" y 5 caracteres numéricos correspondientes al número asignado en el proceso del Inventario Nacional Forestal del 2013
  + Parcelas permanentes: 3 primeras letras ""PPM"", segundo grupo de 3 letras la fuente:
    - UNA: Universidad Nacional (Instituto de Investigación y Servicios Forestales (INISEFOR) e Instituto Tecnológico de Costa Rica (TEC), Centro Científico Tropical (CCT)
    - CAT: Centro Agronómico Tropical de Investigación y Enseñanza (CATIE)
    - COD: Corporación de Desarrollo Forestal (CODEFORSA)
    - OET: Organización de Estudios Tropicales (Parcelas del proyecto TEAM)
    - FUN: Fundación para el Desarrollo de la Cordillera Volcánica Central (FUNDECOR) y los últimos 2 dígitos corresponden a un número consecutivo de 1 a n"
    - **Año de medición:** Año de la medición en campo
    - **Área Basal por hectárea (G/ha):** Área calculada correspondiente a la sumatoria de las áreas basimétricas de los arboles con un diámetro a la atura del pecho igual o mayor a 10 centímetros ubicados en la parcela. Este resultado es proyectado a datos por hectárea.
    - **Biomasa por Regresión lineal (Ton/ha):** Primer método para el cálculo de biomasa arriba del suelo en Toneladas por hectárea. Dado que la mayoría de los datos de parcelas permanentes no incluye la altura de los arboles medidos se utilizó una ecuación producto de una regresión lineal de la información de biomasa y área basal obtenida de las parcelas del inventario nacional forestal ubicadas en bosque maduro.
    - **Biomasa ecuaciones alométricas (Ton/ha)**: Segundo método para el cálculo de biomasa arriba del suelo en Toneladas por hectárea, utilizando las ecuaciones indicadas en la cejilla: "Ecuaciones utilizadas"
    - **UBICACIÓN GEOGRAFICA:**
      * **XCRTM05:** Ubicación de la parcela de muestro en coordenadas horizontales en la proyección CRTM05-EPSG:5367
      * **YCRTM05:** Ubicación de la parcela de muestro en coordenadas verticales en la proyección CRTM05-EPSG:5367
      * **LATITUD:** Transformación de la ubicación de la parcela de muestro en coordenadas verticales en la proyección WGS84-EPSG:3857 a utilizar para ubicar el centro de la grilla de la parcela de Collect Earth Online o Desktop
      * **LONGITUD:** Transformación de la ubcación de la parcela de muestro en coordenadas horizontales en la proyección WGS84-EPSG:3857 a utilizar para ubicar el centro de la grilla de la parcela de Collect Earth Online o Desktop
      * **RESULTADOS EVALUACION DERIVADA DE COLLECT EARTH ONLINE:**
        + **PLOT\_ID:** Numero de identificador de la parcela generada por proyecto de Collect Earth Online o Desktop
        + **CENTER\_LON:** Coordenada de la longitud del centro de la grilla generada en Collect Earth Online o Desktop
        + **CENTER\_LAT:** Coordenada de la latitud del centro de la grilla generada en Collect Earth Online o Desktop
        + **SIZE\_M**: Tamaño de la grilla generada en Collect Earth Online o Desktop en metros (90 metros)
        + **SHAPE:** Forma de la grilla generada en Collect Earth Online o Desktop en metros (cuadrada)
        + **FLAGGED:** Campo que indica si existía una imagen de alta resolución y sin nubes en el sitio de la grilla evaluada:
        + **FALSE:** existe una imagen de alta resolución que permite evaluar el sitio
        + **TRUE:** no existe una imagen de alta resolución o hay nubes que impiden la evaluación de la parcela"
        + **ANALYSES:** Campo que indica si se pudo realizar el análisis de la grilla:

1: se completó el análisis

0: no se realizó el análisis"

* + - * + **SAMPLE\_POINTS:** Total del número de puntos a evaluar por grilla (49 puntos)
        + **Project:** Nombre del proyecto asignado en el sitio de Collect Earth Online o Desktop
        + **DENSIDAD DOSEL:**

**BOSQUE:** Campo creado en Collect Earth Online o Desktop para evaluar la densidad del dosel y corresponde a la asignación de este valor al punto de evaluación dentro de la grilla si este se localiza sobre la copa de un árbol en el bosque

**CLARO:** Campo creado en Collect Earth Online o Desktop para evaluar la densidad del dosel y corresponde a la asignación de este valor al punto de evaluación dentro de la grilla si este se localiza sobre un claro en el bosque (se observa el suelo entre las copas de los aboles)

**OTRO USO:** Campo creado en Collect Earth Online o Desktop para evaluar la densidad del dosel y corresponde a la asignación de este valor al punto de evaluación dentro de la grilla si este se localiza sobre un sitio que cubre la grilla, pero no hay continuidad del dosel del bosque, por lo que se considera que es otro uso

* + - * + **CONDICION:**

**EN BLOQUE DE BOSQUE:** Campo creado en Collect Earth Online o Desktop para evaluar la condición del sitio donde se ubica la grilla y corresponde a la asignación de este valor a la ubicación de la grilla dentro de un bloque de bosque natural.

**EN LINDERO DE BOSQUE:** Campo creado en Collect Earth Online o Desktop para evaluar la condición del sitio donde se ubica la grilla y corresponde a la asignación de este valor a la ubicación de la grilla cerca o sobre el lindero de un bosque natural

* + - * **Imagen**: Galería de imágenes seleccionada en Collect Earth Online o Desktop
      * **PARCELA-AÑO**: Campo generado compuesto por el nombre de la parcela y el año de medición

Los datos de salida de la evaluación visual multitemporal se muestran en el Anexo 6.

"

# Resultados

Para obtener el porcentaje de cobertura solo se consideran los datos obtenidos del porcentaje de bosque y claro, según el formulario diseñado en Collect Earth

Ecuación 4:

Donde:

%dosel=Porcentaje de cobertura del dosel del bosque

%B= Porcentaje de la cobertura ocupada por las copas de los arboles

%Cl= Porcentaje de las áreas de claros entre las copas de los arboles

En la Figura 8 se muestran los resultados obtenidos de la evaluación visual con Collect Eart. Los puntos con un porcentaje igual a 0, corresponden a los puntos ubicados en aireas con imágenes de poca resolución, es decir no se pudieron evaluar. En el año 2013 la mayoría de los puntos corresponden a los puntos evaluados del INF, para el resto de los puntos correspondientes a PPM, solo se observa un caso con un porcentaje menor a 100%

Figura . Dispersión de los valores de porcentaje de cobertura del dosel obtenidos

En la Figura 9 se muestran una grafica que representa la relación de biomasa (ton/ha) versus el porcentaje de cobertura del dosel, la cual no permite concluir ningún tipo de relación entre estas dos variables. Es probable que, por la naturaleza de la información de origen, la cual corresponde a Parcelas Permanentes[[4]](#footnote-4), las cuales se mantienen permanentemente rotuladas y por ende se ven poco afectadas por agentes de degradación.

Figura . Biomasa versus % de cobertura del dosel.

Por lo anterior, se recomienda establecer un muestreo que parta de los puntos de evaluación de la malla base[[5]](#footnote-5) construida para establecer el Inventario Forestal Nacional (INF), seleccionando los puntos correspondientes a bosque maduro y evaluando mediante Collect Earth Online y Desktop, cuales puntos muestran claros entre el dosel (degradación) en al menos 2 puntos en el tiempo para medir el cambio. Posteriormente seleccionar varias muestras de puntos según su porcentaje de cobertura del dosel y proceder a establecer una parcela en el campo para comparar los valores de biomasa versus el porcentaje de cobertura.

# Anexos

Anexo 1. Texto borrador para redactar las cartas de solicitud de información a los administradores de Parcelas Permanentes de las diferentes instituciones miembros del Observatorio de Ecosistemas Forestales.

Estimado señor(a), en el marco del Programa REDD+ de Costa Rica y con la finalidad de establecer un nivel de referencia actualizado que incluya información adicional sobre cómo se ha evaluado y contabilizado la degradación de acuerdo con el Marco Metodológico del Fondo de Carbono considerando áreas de no-bosque que actualmente se consideran como bosque y considerar criterios de uso y cobertura, y no sólo de cobertura; específicamente, evitar usar los criterios de altura mínima de árboles que no son prácticos desde el análisis de imágenes satelitales, le solicitamos su colaboración para obtener información de la biomasa medida en las parcelas permanentes que su institución administra.

La información requerida es la que concierne a los años 1997 y 2011, u años cercanos, consiste en:

* La biomasa medida por parcela y su metodología de cálculo de biomasa, o bien,
* Los datos de las mediciones de esos años por parcela (dap, altura y especie)
* Además, se requiere la ubicación geográfica, dimensiones y orientación de cada parcela aportada.

Por favor indicarnos los tiempos en los cuales podríamos contar con esta información.

Para coordinar detalles de la información requerida por favor contactar al Ingeniero Luis Ángel Aguilar, encargado de la recolección y análisis de esta.

Le agradecemos de antemano su colaboración y asegurando el reconocimiento de la información aportada por su institución en la actualización del Nivel de Referencia de Costa Rica.

Instituciones y enlaces de cada institución para solicitar la información de Parcelas Permanentes

|  |  |  |  |
| --- | --- | --- | --- |
| Institución | Contacto | Correo Electrónico | Teléfono |
| OET-La Selva | Carlos Luis de la Rosa | carlosdelarosa@tropicalstudies.org | 2766-6565 |
| OET-Las Cruces | Zak Ammar Zahawi | zak.zahawi@tropicalstudies.org | 2773-4004 |
| INISEFOR | Gustavo Hernández Sánchez | gustavo.hernandez.sanchez@una.cr | [2562-4601](tel:%28506%29%202562-4601) |
| CCT | Yoryineth Méndez Corrales | jefaturainvestigacion@cct.or.cr | 2645-5122 |
| ITCR | Ruperto Quesada | rquesada@itcr.ac.cr | [25502431](tel:25502431) |
| FUNDECOR | Pedro Zúñiga Mora | pzuniga@fundecor.org | 2290-8818 |
| CODEFORSA | Johnny Méndez | jmendez@codeforsa.org | 2460-1055 |
| CATIE | Diego Delgado | ddelgado@catie.ac.cr | [2558 2000](javascript:void(0)) |

Anexo 2. Ubicación de las 243 parcelas, proyección CRTM05.

| Fuente | Institucíon | Cod\_Parcela | XCRTM05 | yCRTM05 |
| --- | --- | --- | --- | --- |
| INF |  | IBM01181 | 327853.0 | 1211099.4 |
| INF |  | IBM01210 | 448544.1 | 1211098.2 |
| INF |  | IBM02275 | 386113.0 | 1182269.1 |
| INF |  | IBM02294 | 465191.3 | 1182264.4 |
| INF |  | IBM02655 | 469353.1 | 1172653.2 |
| INF |  | IBM02845 | 510971.0 | 1167847.6 |
| INF |  | IBM03085 | 386115.1 | 1160637.5 |
| INF |  | IBM03125 | 552580.0 | 1160635.0 |
| INF |  | IBM03161 | 327852.0 | 1158236.0 |
| INF |  | IBM03657 | 519294.5 | 1146222.3 |
| INF |  | IBM03815 | 427735.1 | 1141416.6 |
| INF |  | IBM03989 | 402767.9 | 1136621.5 |
| INF |  | IBM04733 | 502647.4 | 1117388.5 |
| INF |  | IBM05652 | 581721.0 | 1093360.0 |
| INF |  | IBM05977 | 436058.7 | 1083749.2 |
| INF |  | IBM06073 | 461032.0 | 1081344.0 |
| INF |  | IBM06089 | 527618.1 | 1081346.4 |
| INF |  | IBM06630 | 531780.0 | 1066929.0 |
| INF |  | IBM06706 | 473514.0 | 1064528.0 |
| INF |  | IBM06911 | 577560.0 | 1059721.0 |
| INF |  | IBM06913 | 585883.2 | 1059721.0 |
| INF |  | IBM07632 | 581721.0 | 1040499.0 |
| INF |  | IBM07818 | 605844.0 | 1036806.0 |
| INF |  | IBM08358 | 603466.0 | 1020681.0 |
| INF |  | IBM08526 | 556750.7 | 1016470.4 |
| INF |  | IBM12500 | 615015.8 | 910746.7 |
| INF |  | IBM14239 | 363201.7 | 1217155.7 |
| INF |  | IBM14504 | 342644.3 | 1209786.5 |
| INF |  | IBM14950 | 325772.4 | 1197882.5 |
| INF |  | IBM15072 | 458948.6 | 1195479.9 |
| INF |  | IBM15233 | 379874.5 | 1190674.3 |
| INF |  | IBM15407 | 354901.1 | 1185867.1 |
| INF |  | IBM15528 | 483919.3 | 1183465.8 |
| INF |  | IBM15808 | 525537.2 | 1176257.4 |
| INF |  | IBM16231 | 413168.9 | 1164243.3 |
| INF |  | IBM16248 | 483919.3 | 1164243.3 |
| INF |  | IBM16264 | 550508.0 | 1164243.3 |
| INF |  | IBM16855 | 388198.0 | 1147424.0 |
| INF |  | IBM17039 | 404853.6 | 1142626.1 |
| INF |  | IBM17132 | 417330.7 | 1140215.2 |
| INF |  | IBM17149 | 488081.1 | 1140215.2 |
| INF |  | IBM17830 | 325778.1 | 1120970.7 |
| INF |  | IBM17869 | 488086.1 | 1120992.7 |
| INF |  | IBM17981 | 579641.0 | 1118590.0 |
| INF |  | IBM18126 | 433978.0 | 1113784.0 |
| INF |  | IBM18608 | 567155.1 | 1101770.2 |
| INF |  | IBM18948 | 483628.6 | 1092322.2 |
| INF |  | IBM19242 | 583802.3 | 1084950.6 |
| INF |  | IBM19423 | 587964.1 | 1080144.9 |
| INF |  | IBM20045 | 554698.0 | 1063326.0 |
| INF |  | IBM20116 | 475596.0 | 1060923.0 |
| INF |  | IBM20128 | 525537.0 | 1060924.0 |
| INF |  | IBM20300 | 492250.0 | 1056119.0 |
| INF |  | IBM20853 | 546346.0 | 1041702.0 |
| INF |  | IBM20928 | 483917.0 | 1039341.0 |
| INF |  | IBM21672 | 583801.0 | 1020070.0 |
| INF |  | IBM23748 | 608773.1 | 964810.0 |
| INF |  | IBM23922 | 583805.0 | 960004.0 |
| INF |  | IBM24272 | 542206.0 | 950385.0 |
| INF |  | IBM24638 | 567133.0 | 940766.0 |
| PPM | CATIE | PPMCAT01 | 512708.9 | 1128394.7 |
| PPM | CATIE | PPMCAT02 | 512408.7 | 1128228.7 |
| PPM | CATIE | PPMCAT03 | 512724.3 | 1128080.6 |
| PPM | CATIE | PPMCAT04 | 512862.4 | 1128058.5 |
| PPM | CATIE | PPMCAT05 | 512466.8 | 1128222.0 |
| PPM | CATIE | PPMCAT06 | 512881.9 | 1128490.9 |
| PPM | CATIE | PPMCAT07 | 513196.4 | 1128471.2 |
| PPM | CATIE | PPMCAT08 | 513075.9 | 1128379.3 |
| PPM | CATIE | PPMCAT09 | 512897.3 | 1128302.9 |
| PPM | CATIE | PPMCAT10 | 512966.4 | 1128092.8 |
| PPM | CATIE | PPMCAT11 | 512634.5 | 1128075.0 |
| PPM | CATIE | PPMCAT12 | 512380.4 | 1127765.2 |
| PPM | CATIE | PPMCAT13 | 480527.1 | 1180940.0 |
| PPM | CATIE | PPMCAT14 | 480025.5 | 1181215.5 |
| PPM | CATIE | PPMCAT15 | 488612.4 | 1176651.3 |
| PPM | CATIE | PPMCAT16 | 495541.3 | 1177093.8 |
| PPM | CATIE | PPMCAT17 | 491303.2 | 1186435.2 |
| PPM | CATIE | PPMCAT18 | 479268.7 | 1183682.1 |
| PPM | CATIE | PPMCAT19 | 483469.9 | 1189080.5 |
| PPM | CATIE | PPMCAT20 | 480215.8 | 1185613.2 |
| PPM | CATIE | PPMCAT21 | 476247.5 | 1183089.9 |
| PPM | CATIE | PPMCAT22 | 480440.2 | 1187107.8 |
| PPM | CATIE | PPMCAT23 | 491118.8 | 1179912.0 |
| PPM | CATIE | PPMCAT24 | 493980.5 | 1176852.1 |
| PPM | CATIE | PPMCAT25 | 492163.0 | 1156561.7 |
| PPM | CATIE | PPMCAT26 | 492096.3 | 1156859.2 |
| PPM | CATIE | PPMCAT27 | 492260.5 | 1156882.4 |
| PPM | CATIE | PPMCAT28 | 491982.5 | 1157051.7 |
| PPM | CATIE | PPMCAT29 | 492204.7 | 1157073.8 |
| PPM | CATIE | PPMCAT30 | 491421.5 | 1155105.3 |
| PPM | CATIE | PPMCAT31 | 490765.7 | 1155032.5 |
| PPM | CATIE | PPMCAT32 | 490845.6 | 1154900.8 |
| PPM | CATIE | PPMCAT33 | 491299.9 | 1154917.3 |
| PPM | CATIE | PPMCAT34 | 491193.8 | 1155004.7 |
| PPM | CATIE | PPMCAT35 | 491069.0 | 1155094.3 |
| PPM | CATIE | PPMCAT36 | 491273.7 | 1155149.6 |
| PPM | CATIE | PPMCAT37 | 490968.3 | 1155118.7 |
| PPM | CATIE | PPMCAT38 | 490989.0 | 1154939.5 |
| PPM | CATIE | PPMCAT39 | 494717.6 | 1171374.0 |
| PPM | CATIE | PPMCAT40 | 495554.1 | 1171035.4 |
| PPM | CATIE | PPMCAT41 | 495793.7 | 1171900.5 |
| PPM | CATIE | PPMCAT42 | 495815.5 | 1170508.9 |
| PPM | CATIE | PPMCAT43 | 495915.1 | 1170701.3 |
| PPM | CATIE | PPMCAT44 | 496030.0 | 1170710.1 |
| PPM | CATIE | PPMCAT45 | 495974.2 | 1170419.3 |
| PPM | CATIE | PPMCAT46 | 495245.5 | 1171316.3 |
| PPM | CATIE | PPMCAT47 | 495948.0 | 1170750.0 |
| PPM | CATIE | PPMCAT48 | 495473.4 | 1164771.0 |
| PPM | CATIE | PPMCAT49 | 495622.2 | 1164705.7 |
| PPM | CATIE | PPMCAT50 | 495699.9 | 1164401.5 |
| PPM | CATIE | PPMCAT51 | 495827.9 | 1164511.0 |
| PPM | CATIE | PPMCAT52 | 495796.2 | 1164292.0 |
| PPM | CATIE | PPMCAT53 | 495986.6 | 1164387.1 |
| PPM | CATIE | PPMCAT54 | 495877.2 | 1164819.6 |
| PPM | CATIE | PPMCAT55 | 495963.7 | 1164637.1 |
| PPM | CATIE | PPMCAT56 | 496212.1 | 1164613.8 |
| PPM | CATIE | PPMCAT57 | 491919.3 | 1153723.8 |
| PPM | CATIE | PPMCAT58 | 492035.4 | 1153815.6 |
| PPM | CATIE | PPMCAT59 | 492062.8 | 1153912.9 |
| PPM | CATIE | PPMCAT60 | 492081.4 | 1154052.2 |
| PPM | CATIE | PPMCAT61 | 487408.8 | 1151080.7 |
| PPM | CATIE | PPMCAT62 | 487519.5 | 1151211.2 |
| PPM | CATIE | PPMCAT63 | 487598.3 | 1151290.8 |
| PPM | CATIE | PPMCAT64 | 487554.4 | 1150908.1 |
| PPM | CATIE | PPMCAT65 | 487705.6 | 1151110.4 |
| PPM | CATIE | PPMCAT66 | 487795.4 | 1151206.6 |
| PPM | CATIE | PPMCAT67 | 487698.9 | 1150810.7 |
| PPM | CATIE | PPMCAT68 | 487817.2 | 1151042.9 |
| PPM | CATIE | PPMCAT69 | 487950.8 | 1151182.2 |
| PPM | CODEFORSA | PPMCOD01 | 479818.9 | 1183857.6 |
| PPM | CODEFORSA | PPMCOD02 | 479945.4 | 1183923.3 |
| PPM | CODEFORSA | PPMCOD03 | 479668.3 | 1183666.8 |
| PPM | CODEFORSA | PPMCOD04 | 479706.5 | 1183479.4 |
| PPM | CODEFORSA | PPMCOD05 | 479602.0 | 1183487.7 |
| PPM | CODEFORSA | PPMCOD06 | 479735.5 | 1183762.3 |
| PPM | CODEFORSA | PPMCOD07 | 479786.5 | 1183592.3 |
| PPM | CODEFORSA | PPMCOD08 | 479923.8 | 1183340.9 |
| PPM | CODEFORSA | PPMCOD09 | 480193.3 | 1183589.6 |
| PPM | CODEFORSA | PPMCOD10 | 480271.6 | 1183864.0 |
| PPM | CODEFORSA | PPMCOD11 | 479786.4 | 1184026.2 |
| PPM | CODEFORSA | PPMCOD12 | 483897.9 | 1189060.9 |
| PPM | CODEFORSA | PPMCOD13 | 483623.8 | 1188953.4 |
| PPM | CODEFORSA | PPMCOD14 | 483415.2 | 1188958.7 |
| PPM | CODEFORSA | PPMCOD15 | 483932.1 | 1189197.3 |
| PPM | CODEFORSA | PPMCOD16 | 483746.0 | 1189190.2 |
| PPM | CODEFORSA | PPMCOD17 | 483622.7 | 1189174.3 |
| PPM | CODEFORSA | PPMCOD18 | 483478.5 | 1189175.0 |
| PPM | CODEFORSA | PPMCOD19 | 483902.1 | 1189387.8 |
| PPM | CODEFORSA | PPMCOD20 | 483671.1 | 1189329.2 |
| PPM | CODEFORSA | PPMCOD30 | 468124.0 | 1164913.9 |
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| PPM | CODEFORSA | PPMCOD32 | 481475.6 | 1166286.4 |
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| PPM | CODEFORSA | PPMCOD39 | 479985.5 | 1185523.3 |
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| PPM | FUNDECOR | PPMFUN03 | 501177.0 | 1155003.0 |
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| PPM | FUNDECOR | PPMFUN09 | 500597.0 | 1154405.0 |
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| PPM | TEAM-OET | PPMOET10 | 495891.6 | 1150335.0 |
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| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA04 | 413073.7 | 1138927.2 |
| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA06 | 414413.7 | 1137708.4 |
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| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA16 | 458585.2 | 1071553.3 |
| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA18 | 574624.2 | 970366.4 |
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| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA27 | 546647.6 | 965536.7 |
| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA28 | 546113.7 | 965585.7 |
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| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA67 | 618030.2 | 1074998.1 |
| PPM | INISEFOR-UNA-TEC-CCT | PPMUNA72 | 526392.8 | 1170249.0 |
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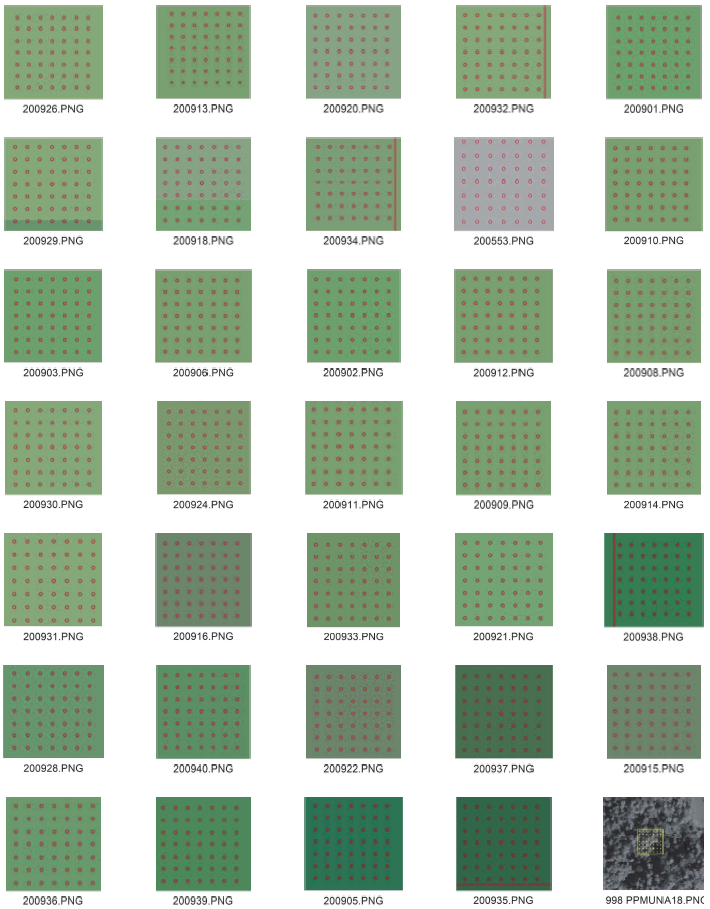
Anexo . Datos de las 60 parcelas del INF, correspondientes a bosque maduro utilizadas para calcular la regresión lineal entre área basal (m2/ha) y biomasa arriba del suelo (TON/ha).

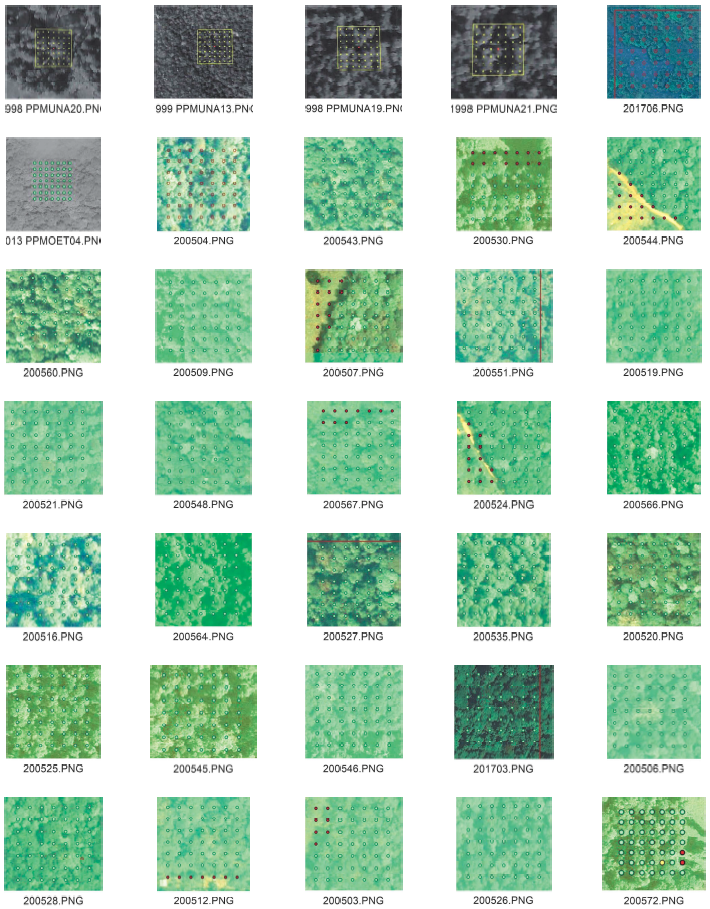
| Cod\_Parcela | AB (m2/ha) | Biomasa | Estrato INF |
| --- | --- | --- | --- |
| IBM01181 | 28.24 | 205.50 | Bosque maduro |
| IBM01210 | 23.40 | 241.63 | Bosque maduro |
| IBM02275 | 64.59 | 594.04 | Bosque maduro |
| IBM02294 | 18.04 | 166.68 | Bosque maduro |
| IBM02655 | 19.34 | 189.55 | Bosque maduro |
| IBM02845 | 33.20 | 192.52 | Bosque maduro |
| IBM03085 | 19.29 | 97.37 | Bosque maduro |
| IBM03125 | 28.30 | 253.90 | Bosque maduro |
| IBM03161 | 20.60 | 102.45 | Bosque maduro |
| IBM03657 | 39.40 | 210.96 | Bosque maduro |
| IBM03815 | 20.02 | 115.01 | Bosque maduro |
| IBM03989 | 58.03 | 319.69 | Bosque maduro |
| IBM04733 | 44.50 | 283.96 | Bosque maduro |
| IBM05652 | 28.70 | 306.29 | Bosque maduro |
| IBM05977 | 54.08 | 296.39 | Bosque maduro |
| IBM06073 | 17.90 | 55.87 | Bosque maduro |
| IBM06089 | 34.60 | 218.22 | Bosque maduro |
| IBM06630 | 52.39 | 593.58 | Bosque maduro |
| IBM06706 | 22.90 | 153.28 | Bosque maduro |
| IBM06911 | 3.93 | 19.30 | Bosque maduro |
| IBM06913 | 23.70 | 115.01 | Bosque maduro |
| IBM07632 | 54.78 | 580.91 | Bosque maduro |
| IBM07818 | 37.52 | 224.15 | Bosque maduro |
| IBM08358 | 54.39 | 494.47 | Bosque maduro |
| IBM08526 | 23.62 | 123.79 | Bosque maduro |
| IBM12500 | 37.86 | 245.83 | Bosque maduro |
| IBM14239 | 19.75 | 140.72 | Bosque maduro |
| IBM14504 | 21.14 | 99.81 | Bosque maduro |
| IBM14950 | 19.16 | 94.32 | Bosque maduro |
| IBM15072 | 33.28 | 398.72 | Bosque maduro |
| IBM15233 | 38.14 | 321.97 | Bosque maduro |
| IBM15407 | 18.34 | 100.89 | Bosque maduro |
| IBM15528 | 28.09 | 288.50 | Bosque maduro |
| IBM15808 | 25.24 | 201.44 | Bosque maduro |
| IBM16231 | 27.57 | 274.61 | Bosque maduro |
| IBM16248 | 28.13 | 247.12 | Bosque maduro |
| IBM16264 | 24.14 | 202.54 | Bosque maduro |
| IBM16855 | 32.21 | 170.08 | Bosque maduro |
| IBM17039 | 64.73 | 458.46 | Bosque maduro |
| IBM17132 | 30.88 | 185.24 | Bosque maduro |
| IBM17149 | 25.07 | 210.34 | Bosque maduro |
| IBM17830 | 32.15 | 377.06 | Bosque maduro |
| IBM17869 | 48.85 | 336.28 | Bosque maduro |
| IBM17981 | 30.39 | 106.22 | Bosque maduro |
| IBM18126 | 22.94 | 135.01 | Bosque maduro |
| IBM18608 | 19.90 | 188.68 | Bosque maduro |
| IBM18948 | 32.17 | 158.50 | Bosque maduro |
| IBM19242 | 28.40 | 209.08 | Bosque maduro |
| IBM19423 | 46.90 | 371.32 | Bosque maduro |
| IBM20045 | 78.59 | 600.89 | Bosque maduro |
| IBM20116 | 34.00 | 281.63 | Bosque maduro |
| IBM20128 | 37.48 | 221.14 | Bosque maduro |
| IBM20300 | 16.30 | 82.60 | Bosque maduro |
| IBM20853 | 22.50 | 126.73 | Bosque maduro |
| IBM20928 | 31.50 | 169.47 | Bosque maduro |
| IBM21672 | 18.40 | 113.55 | Bosque maduro |
| IBM23748 | 34.79 | 219.62 | Bosque maduro |
| IBM23922 | 48.70 | 746.02 | Bosque maduro |
| IBM24272 | 22.50 | 135.73 | Bosque maduro |
| IBM24638 | 33.30 | 267.63 | Bosque maduro |

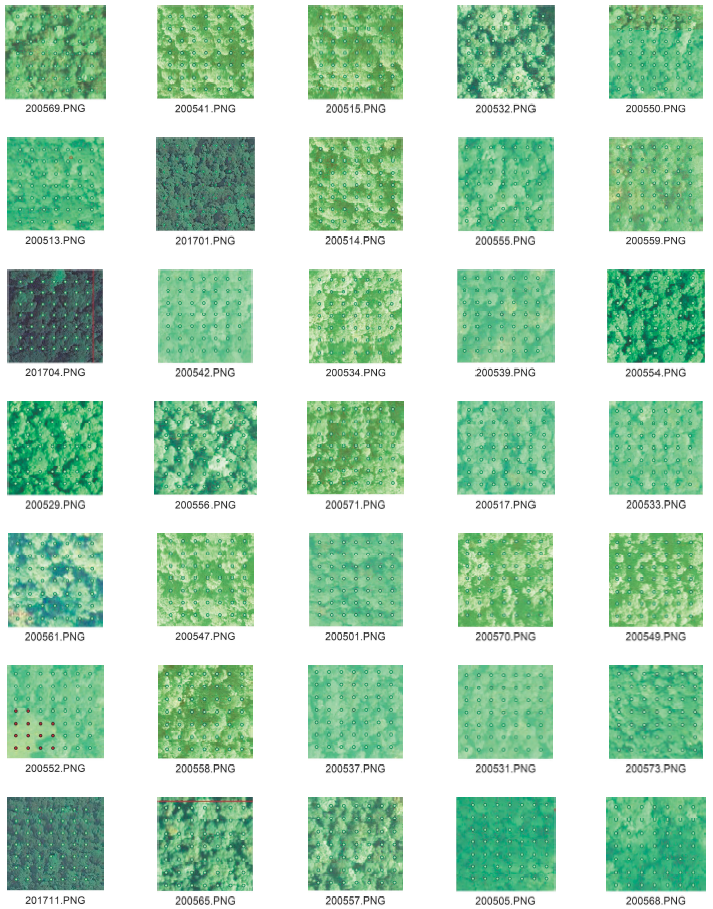
Anexo . Datos de Área Basal y biomasa para cada una de las 795 mediciones de las 243 parcelas.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cod\_Parcela | Año de medición | AB/ha | Biomasa por Regresion lineal (Ton/ha) | Biomasa ecuaciones alometricas (Ton/ha) |
| IBM01181 | 2013 | 28.24 | 208.57 | 320.14 |
| IBM01210 | 2013 | 23.40 | 170.23 | 262.87 |
| IBM02275 | 2013 | 64.59 | 530.52 | 774.31 |
| IBM02294 | 2013 | 18.04 | 129.02 | 34.19 |
| IBM02655 | 2013 | 19.34 | 138.88 | 193.33 |
| IBM02845 | 2013 | 33.20 | 248.94 | 52.64 |
| IBM03085 | 2013 | 19.29 | 138.52 | 100.57 |
| IBM03125 | 2013 | 28.30 | 209.01 | 354.21 |
| IBM03161 | 2013 | 20.60 | 148.54 | 247.07 |
| IBM03657 | 2013 | 39.40 | 301.00 | 55.32 |
| IBM03815 | 2013 | 20.02 | 144.13 | 145.95 |
| IBM03989 | 2013 | 58.03 | 468.00 | 708.40 |
| IBM04733 | 2013 | 44.50 | 345.13 | 392.30 |
| IBM05652 | 2013 | 28.70 | 212.25 | 362.20 |
| IBM05977 | 2013 | 54.08 | 431.28 | 735.95 |
| IBM06073 | 2013 | 17.90 | 127.97 | 222.46 |
| IBM06089 | 2013 | 34.60 | 260.54 | 316.63 |
| IBM06630 | 2013 | 52.39 | 415.77 | 659.80 |
| IBM06706 | 2013 | 22.90 | 166.33 | 161.71 |
| IBM06911 | 2013 | 3.93 | 26.84 | 29.99 |
| IBM06913 | 2013 | 23.70 | 172.57 | 174.84 |
| IBM07632 | 2013 | 54.78 | 437.72 | 942.69 |
| IBM07818 | 2013 | 37.52 | 285.01 | 347.89 |
| IBM08358 | 2013 | 54.39 | 434.11 | 658.06 |
| IBM08526 | 2013 | 23.62 | 171.96 | 282.05 |
| IBM12500 | 2013 | 37.86 | 287.88 | 424.31 |
| IBM14239 | 2013 | 19.75 | 142.05 | 36.84 |
| IBM14504 | 2013 | 21.14 | 152.66 | 175.83 |
| IBM14950 | 2013 | 19.16 | 137.51 | 113.58 |
| IBM15072 | 2013 | 33.28 | 249.58 | 51.02 |
| IBM15233 | 2013 | 38.14 | 290.26 | 396.43 |
| IBM15407 | 2013 | 18.34 | 131.33 | 177.12 |
| IBM15528 | 2013 | 28.09 | 207.35 | 67.76 |
| IBM15808 | 2013 | 25.24 | 184.66 | 51.47 |
| IBM16231 | 2013 | 27.57 | 203.20 | 286.53 |
| IBM16248 | 2013 | 28.13 | 207.69 | 58.02 |
| IBM16264 | 2013 | 24.14 | 176.01 | 293.72 |
| IBM16855 | 2013 | 32.21 | 240.75 | 367.08 |
| IBM17039 | 2013 | 64.73 | 531.94 | 815.41 |
| IBM17132 | 2013 | 30.88 | 229.92 | 260.75 |
| IBM17149 | 2013 | 25.07 | 183.37 | 228.68 |
| IBM17830 | 2013 | 32.15 | 240.28 | 199.40 |
| IBM17869 | 2013 | 48.85 | 383.74 | 582.98 |
| IBM17981 | 2013 | 30.39 | 225.92 | 344.27 |
| IBM18126 | 2013 | 22.94 | 166.63 | 288.39 |
| IBM18608 | 2013 | 19.90 | 143.18 | 174.34 |
| IBM18948 | 2013 | 32.17 | 240.45 | 394.36 |
| IBM19242 | 2013 | 28.40 | 209.84 | 230.55 |
| IBM19423 | 2013 | 46.90 | 366.31 | 558.86 |
| IBM20045 | 2013 | 78.59 | 670.64 | 1261.20 |
| IBM20116 | 2013 | 34.00 | 255.56 | 421.69 |
| IBM20128 | 2013 | 37.48 | 284.67 | 430.25 |
| IBM20300 | 2013 | 16.30 | 115.94 | 108.92 |
| IBM20853 | 2013 | 22.50 | 163.22 | 181.40 |
| IBM20928 | 2013 | 31.50 | 234.97 | 411.14 |
| IBM21672 | 2013 | 18.40 | 131.76 | 126.22 |
| IBM23748 | 2013 | 34.79 | 262.14 | 391.04 |
| IBM23922 | 2013 | 48.70 | 382.37 | 600.33 |
| IBM24272 | 2013 | 22.50 | 163.22 | 280.23 |
| IBM24638 | 2013 | 33.30 | 249.76 | 415.68 |
| PPMCAT01 | 2010 | 28.96 | 214.36 | 361.25 |
| PPMCAT01 | 2006 | 28.89 | 213.80 | 364.70 |
| PPMCAT01 | 2000 | 27.08 | 199.25 | 341.13 |
| PPMCAT01 | 1998 | 25.73 | 188.51 | 323.51 |
| PPMCAT01 | 1997 | 27.53 | 202.86 | 345.72 |
| PPMCAT02 | 2010 | 30.43 | 226.25 | 369.87 |
| PPMCAT02 | 2006 | 30.25 | 224.81 | 371.26 |
| PPMCAT02 | 2000 | 31.46 | 234.67 | 389.69 |
| PPMCAT02 | 1998 | 30.64 | 227.91 | 378.94 |
| PPMCAT02 | 1997 | 30.64 | 227.94 | 379.33 |
| PPMCAT03 | 2010 | 24.91 | 182.09 | 306.13 |
| PPMCAT03 | 2006 | 24.28 | 177.15 | 298.64 |
| PPMCAT03 | 2000 | 23.73 | 172.77 | 291.01 |
| PPMCAT03 | 1998 | 22.71 | 164.82 | 277.96 |
| PPMCAT03 | 1997 | 24.18 | 176.36 | 296.46 |
| PPMCAT04 | 2010 | 25.68 | 188.19 | 315.20 |
| PPMCAT04 | 2006 | 25.51 | 186.82 | 313.46 |
| PPMCAT04 | 2000 | 22.58 | 163.81 | 276.29 |
| PPMCAT04 | 1998 | 21.98 | 159.19 | 268.75 |
| PPMCAT04 | 1997 | 25.26 | 184.87 | 309.99 |
| PPMCAT05 | 2010 | 26.00 | 190.67 | 323.30 |
| PPMCAT05 | 2006 | 25.57 | 187.27 | 319.14 |
| PPMCAT05 | 2000 | 25.01 | 182.87 | 311.64 |
| PPMCAT05 | 1998 | 24.48 | 178.67 | 304.85 |
| PPMCAT05 | 1997 | 24.49 | 178.74 | 305.15 |
| PPMCAT06 | 2010 | 28.95 | 214.25 | 356.40 |
| PPMCAT06 | 2006 | 30.14 | 223.92 | 373.33 |
| PPMCAT06 | 2000 | 26.38 | 193.74 | 324.85 |
| PPMCAT06 | 1998 | 24.93 | 182.24 | 306.65 |
| PPMCAT06 | 1997 | 24.45 | 178.43 | 301.07 |
| PPMCAT07 | 2010 | 28.39 | 209.79 | 348.68 |
| PPMCAT07 | 2006 | 29.25 | 216.70 | 359.96 |
| PPMCAT07 | 2000 | 32.61 | 244.10 | 403.16 |
| PPMCAT07 | 1998 | 31.61 | 235.88 | 390.44 |
| PPMCAT07 | 1997 | 31.66 | 236.24 | 390.64 |
| PPMCAT08 | 2010 | 28.87 | 213.59 | 355.79 |
| PPMCAT08 | 2006 | 29.47 | 218.42 | 364.81 |
| PPMCAT08 | 2000 | 31.11 | 231.76 | 386.28 |
| PPMCAT08 | 1998 | 30.41 | 226.06 | 376.53 |
| PPMCAT08 | 1997 | 30.12 | 223.72 | 372.76 |
| PPMCAT09 | 2010 | 26.79 | 196.97 | 329.89 |
| PPMCAT09 | 2006 | 25.90 | 189.90 | 319.11 |
| PPMCAT09 | 2000 | 24.92 | 182.16 | 305.77 |
| PPMCAT09 | 1998 | 25.24 | 184.70 | 310.38 |
| PPMCAT09 | 1997 | 24.86 | 181.69 | 305.70 |
| PPMCAT10 | 2010 | 25.67 | 188.06 | 316.13 |
| PPMCAT11 | 2010 | 20.40 | 147.04 | 241.26 |
| PPMCAT12 | 2010 | 25.07 | 183.36 | 287.18 |
| PPMCAT13 | 2004 | 26.08 | 191.30 | 55.42 |
| PPMCAT14 | 2004 | 25.16 | 184.07 | 181.94 |
| PPMCAT15 | 2004 | 27.59 | 203.36 | 214.18 |
| PPMCAT16 | 2004 | 24.63 | 179.86 | 129.85 |
| PPMCAT17 | 2005 | 22.87 | 166.07 | 62.66 |
| PPMCAT18 | 2005 | 21.39 | 154.60 | 83.75 |
| PPMCAT19 | 2005 | 22.41 | 162.52 | 86.84 |
| PPMCAT20 | 2006 | 25.29 | 185.04 | 74.90 |
| PPMCAT21 | 2005 | 25.78 | 188.92 | 109.15 |
| PPMCAT22 | 2005 | 20.78 | 149.91 | 55.34 |
| PPMCAT23 | 2005 | 26.88 | 197.65 | 72.18 |
| PPMCAT24 | 2005 | 24.39 | 177.99 | 353.95 |
| PPMCAT25 | 2009 | 29.88 | 221.78 | 90.95 |
| PPMCAT25 | 2005 | 29.48 | 218.57 | 93.75 |
| PPMCAT25 | 2002 | 28.96 | 214.33 | 92.80 |
| PPMCAT26 | 2009 | 40.26 | 308.33 | 215.02 |
| PPMCAT26 | 2005 | 38.59 | 294.07 | 212.13 |
| PPMCAT26 | 2002 | 36.86 | 279.43 | 202.97 |
| PPMCAT27 | 2009 | 29.71 | 220.41 | 128.67 |
| PPMCAT27 | 2005 | 32.25 | 241.13 | 131.35 |
| PPMCAT27 | 2002 | 30.96 | 230.55 | 125.99 |
| PPMCAT28 | 2009 | 28.15 | 207.83 | 46.30 |
| PPMCAT28 | 2005 | 30.58 | 227.50 | 53.95 |
| PPMCAT28 | 2002 | 29.99 | 222.67 | 55.20 |
| PPMCAT29 | 2009 | 22.83 | 165.77 | 76.94 |
| PPMCAT29 | 2005 | 25.17 | 184.10 | 82.34 |
| PPMCAT29 | 2002 | 25.65 | 187.88 | 79.71 |
| PPMCAT30 | 2009 | 34.45 | 259.31 | 49.68 |
| PPMCAT30 | 2005 | 33.04 | 247.65 | 50.96 |
| PPMCAT30 | 2002 | 31.29 | 233.23 | 47.39 |
| PPMCAT31 | 2009 | 27.15 | 199.83 | 39.46 |
| PPMCAT31 | 2005 | 24.02 | 175.10 | 36.17 |
| PPMCAT31 | 2002 | 24.08 | 175.53 | 37.47 |
| PPMCAT32 | 2009 | 31.25 | 232.95 | 47.08 |
| PPMCAT32 | 2005 | 29.48 | 218.53 | 44.63 |
| PPMCAT32 | 2002 | 27.39 | 201.75 | 40.93 |
| PPMCAT33 | 2009 | 29.62 | 219.64 | 57.81 |
| PPMCAT33 | 2005 | 29.58 | 219.34 | 72.45 |
| PPMCAT33 | 2002 | 28.37 | 209.60 | 68.59 |
| PPMCAT34 | 2009 | 26.77 | 196.79 | 42.87 |
| PPMCAT34 | 2005 | 24.95 | 182.42 | 40.97 |
| PPMCAT34 | 2002 | 23.22 | 168.85 | 38.39 |
| PPMCAT35 | 2009 | 40.36 | 309.24 | 284.24 |
| PPMCAT35 | 2005 | 37.31 | 283.22 | 283.47 |
| PPMCAT35 | 2002 | 34.78 | 262.08 | 270.10 |
| PPMCAT36 | 2009 | 30.28 | 225.01 | 42.91 |
| PPMCAT36 | 2005 | 31.14 | 232.04 | 46.26 |
| PPMCAT36 | 2002 | 29.56 | 219.22 | 43.90 |
| PPMCAT37 | 2009 | 21.55 | 155.87 | 38.22 |
| PPMCAT37 | 2005 | 25.01 | 182.84 | 44.51 |
| PPMCAT37 | 2002 | 22.60 | 163.97 | 41.01 |
| PPMCAT38 | 2009 | 22.72 | 164.91 | 62.60 |
| PPMCAT38 | 2005 | 21.38 | 154.54 | 61.57 |
| PPMCAT38 | 2002 | 22.10 | 160.14 | 59.56 |
| PPMCAT39 | 2009 | 31.16 | 232.16 | 56.61 |
| PPMCAT39 | 2005 | 30.46 | 226.47 | 57.15 |
| PPMCAT39 | 2002 | 29.26 | 216.76 | 55.65 |
| PPMCAT40 | 2009 | 28.12 | 207.63 | 58.72 |
| PPMCAT40 | 2005 | 26.84 | 197.37 | 59.20 |
| PPMCAT40 | 2002 | 25.93 | 190.14 | 57.63 |
| PPMCAT41 | 2009 | 25.85 | 189.52 | 53.30 |
| PPMCAT41 | 2005 | 25.34 | 185.48 | 55.20 |
| PPMCAT41 | 2002 | 25.16 | 184.06 | 54.44 |
| PPMCAT42 | 2009 | 43.37 | 335.25 | 72.14 |
| PPMCAT42 | 2005 | 43.59 | 337.20 | 76.10 |
| PPMCAT42 | 2002 | 40.74 | 312.48 | 74.33 |
| PPMCAT43 | 2009 | 21.76 | 157.46 | 39.07 |
| PPMCAT43 | 2005 | 21.91 | 158.62 | 39.97 |
| PPMCAT43 | 2002 | 24.46 | 178.53 | 42.26 |
| PPMCAT44 | 2009 | 23.71 | 172.68 | 94.27 |
| PPMCAT44 | 2005 | 22.76 | 165.27 | 89.83 |
| PPMCAT44 | 2002 | 21.64 | 156.55 | 84.58 |
| PPMCAT45 | 2009 | 23.50 | 171.04 | 48.93 |
| PPMCAT45 | 2005 | 23.78 | 173.19 | 49.85 |
| PPMCAT45 | 2002 | 25.24 | 184.69 | 52.28 |
| PPMCAT46 | 2009 | 27.26 | 200.70 | 52.18 |
| PPMCAT46 | 2005 | 28.61 | 211.49 | 54.62 |
| PPMCAT46 | 2002 | 27.36 | 201.53 | 53.45 |
| PPMCAT47 | 2009 | 33.83 | 254.13 | 62.28 |
| PPMCAT47 | 2005 | 32.90 | 246.43 | 63.66 |
| PPMCAT47 | 2002 | 31.64 | 236.10 | 60.44 |
| PPMCAT48 | 2009 | 24.06 | 175.37 | 48.78 |
| PPMCAT48 | 2005 | 22.45 | 162.81 | 48.32 |
| PPMCAT48 | 2002 | 21.70 | 157.02 | 47.96 |
| PPMCAT49 | 2009 | 30.31 | 225.30 | 70.33 |
| PPMCAT49 | 2005 | 28.83 | 213.32 | 66.06 |
| PPMCAT49 | 2002 | 28.64 | 211.80 | 64.60 |
| PPMCAT50 | 2009 | 26.01 | 190.77 | 49.82 |
| PPMCAT50 | 2005 | 24.22 | 176.63 | 49.79 |
| PPMCAT50 | 2002 | 22.82 | 165.71 | 48.20 |
| PPMCAT51 | 2009 | 27.02 | 198.82 | 50.32 |
| PPMCAT51 | 2005 | 26.11 | 191.54 | 50.79 |
| PPMCAT51 | 2002 | 25.55 | 187.14 | 50.83 |
| PPMCAT52 | 2009 | 29.89 | 221.83 | 56.79 |
| PPMCAT52 | 2005 | 30.12 | 223.74 | 57.58 |
| PPMCAT52 | 2002 | 29.88 | 221.80 | 56.93 |
| PPMCAT53 | 2009 | 14.58 | 103.13 | 43.78 |
| PPMCAT53 | 2005 | 15.50 | 109.93 | 46.74 |
| PPMCAT53 | 2002 | 14.63 | 103.49 | 44.81 |
| PPMCAT54 | 2009 | 19.08 | 136.89 | 49.93 |
| PPMCAT54 | 2005 | 18.63 | 133.54 | 53.40 |
| PPMCAT54 | 2002 | 18.08 | 129.30 | 52.14 |
| PPMCAT55 | 2009 | 22.13 | 160.32 | 42.54 |
| PPMCAT55 | 2005 | 21.50 | 155.44 | 46.03 |
| PPMCAT55 | 2002 | 21.31 | 154.03 | 44.46 |
| PPMCAT56 | 2009 | 24.69 | 180.34 | 47.07 |
| PPMCAT56 | 2005 | 24.04 | 175.23 | 52.95 |
| PPMCAT56 | 2002 | 25.14 | 183.85 | 53.13 |
| PPMCAT57 | 2005 | 20.62 | 148.72 | 259.68 |
| PPMCAT57 | 2002 | 19.49 | 140.05 | 235.76 |
| PPMCAT58 | 2005 | 35.49 | 267.93 | 422.09 |
| PPMCAT58 | 2002 | 36.94 | 280.14 | 440.21 |
| PPMCAT59 | 2009 | 26.68 | 196.10 | 338.64 |
| PPMCAT59 | 2005 | 28.19 | 208.15 | 356.65 |
| PPMCAT59 | 2002 | 26.92 | 197.98 | 340.44 |
| PPMCAT60 | 2005 | 31.07 | 231.43 | 390.17 |
| PPMCAT60 | 2002 | 30.91 | 230.18 | 387.87 |
| PPMCAT61 | 2011 | 25.16 | 184.02 | 51.62 |
| PPMCAT61 | 2008 | 25.25 | 184.76 | 50.02 |
| PPMCAT61 | 2003 | 24.15 | 176.10 | 47.45 |
| PPMCAT61 | 1998 | 21.98 | 159.22 | 43.27 |
| PPMCAT62 | 2015 | 24.87 | 181.73 | 51.99 |
| PPMCAT62 | 2011 | 25.98 | 190.55 | 53.17 |
| PPMCAT62 | 2008 | 26.54 | 194.96 | 54.17 |
| PPMCAT62 | 2003 | 26.30 | 193.10 | 53.40 |
| PPMCAT62 | 1998 | 24.55 | 179.25 | 50.94 |
| PPMCAT63 | 2015 | 24.85 | 181.60 | 51.68 |
| PPMCAT63 | 2011 | 23.99 | 174.82 | 51.37 |
| PPMCAT63 | 2008 | 24.52 | 178.99 | 58.93 |
| PPMCAT63 | 2003 | 23.05 | 167.48 | 56.78 |
| PPMCAT63 | 1998 | 21.26 | 153.66 | 53.18 |
| PPMCAT64 | 2015 | 27.98 | 206.48 | 49.77 |
| PPMCAT64 | 2011 | 28.13 | 207.68 | 50.72 |
| PPMCAT64 | 2008 | 27.45 | 202.24 | 50.80 |
| PPMCAT64 | 2003 | 26.05 | 191.07 | 49.01 |
| PPMCAT64 | 1998 | 26.01 | 190.73 | 49.69 |
| PPMCAT65 | 2015 | 25.91 | 189.98 | 72.88 |
| PPMCAT65 | 2011 | 26.12 | 191.66 | 73.56 |
| PPMCAT65 | 2008 | 26.20 | 192.25 | 73.85 |
| PPMCAT65 | 2003 | 24.68 | 180.29 | 69.30 |
| PPMCAT65 | 1998 | 20.75 | 149.73 | 59.45 |
| PPMCAT66 | 2011 | 25.03 | 183.01 | 62.33 |
| PPMCAT66 | 2008 | 24.54 | 179.15 | 60.48 |
| PPMCAT66 | 2003 | 22.80 | 165.52 | 54.98 |
| PPMCAT66 | 1998 | 21.35 | 154.33 | 50.76 |
| PPMCAT67 | 2011 | 24.81 | 181.29 | 54.56 |
| PPMCAT67 | 2008 | 24.84 | 181.55 | 54.14 |
| PPMCAT67 | 2003 | 24.13 | 175.94 | 51.52 |
| PPMCAT67 | 1998 | 22.31 | 161.76 | 48.72 |
| PPMCAT68 | 2015 | 25.91 | 189.95 | 67.41 |
| PPMCAT68 | 2011 | 25.86 | 189.55 | 67.48 |
| PPMCAT68 | 2008 | 25.81 | 189.18 | 67.22 |
| PPMCAT68 | 2003 | 24.24 | 176.82 | 63.44 |
| PPMCAT68 | 1998 | 23.05 | 167.48 | 61.40 |
| PPMCAT69 | 2015 | 23.39 | 170.12 | 60.69 |
| PPMCAT69 | 2011 | 21.68 | 156.83 | 57.27 |
| PPMCAT69 | 2008 | 21.67 | 156.79 | 63.47 |
| PPMCAT69 | 2003 | 19.29 | 138.56 | 56.11 |
| PPMCAT69 | 1998 | 17.80 | 127.19 | 51.16 |
| PPMCOD01 | 2006 | 28.12 | 207.58 | 91.94 |
| PPMCOD01 | 1998 | 23.28 | 169.29 | 88.09 |
| PPMCOD01 | 1997 | 22.74 | 165.09 | 86.64 |
| PPMCOD02 | 2006 | 21.94 | 158.86 | 77.58 |
| PPMCOD02 | 1998 | 21.36 | 154.37 | 73.26 |
| PPMCOD02 | 1997 | 20.60 | 148.57 | 96.35 |
| PPMCOD03 | 2010 | 27.43 | 202.05 | 147.64 |
| PPMCOD03 | 2003 | 24.42 | 178.22 | 142.30 |
| PPMCOD03 | 1998 | 21.48 | 155.29 | 126.46 |
| PPMCOD04 | 2010 | 19.85 | 142.78 | 49.72 |
| PPMCOD04 | 2003 | 15.65 | 111.06 | 38.92 |
| PPMCOD04 | 1998 | 14.03 | 99.05 | 34.70 |
| PPMCOD05 | 2010 | 21.00 | 151.61 | 54.45 |
| PPMCOD05 | 2003 | 16.84 | 119.99 | 43.27 |
| PPMCOD05 | 1998 | 13.21 | 93.04 | 34.15 |
| PPMCOD05 | 1997 | 14.64 | 103.61 | 39.99 |
| PPMCOD06 | 2010 | 20.28 | 146.09 | 61.96 |
| PPMCOD06 | 2003 | 16.15 | 114.85 | 46.35 |
| PPMCOD06 | 1998 | 11.06 | 77.35 | 34.92 |
| PPMCOD06 | 1997 | 11.55 | 80.88 | 34.33 |
| PPMCOD07 | 2010 | 23.22 | 168.86 | 158.36 |
| PPMCOD07 | 2003 | 20.53 | 147.98 | 158.40 |
| PPMCOD07 | 1998 | 17.84 | 127.50 | 137.81 |
| PPMCOD07 | 1997 | 17.86 | 127.66 | 157.95 |
| PPMCOD08 | 2010 | 26.08 | 191.33 | 62.04 |
| PPMCOD08 | 2003 | 22.31 | 161.73 | 51.29 |
| PPMCOD08 | 1998 | 23.55 | 171.39 | 53.63 |
| PPMCOD08 | 1997 | 23.63 | 172.04 | 53.44 |
| PPMCOD09 | 2010 | 26.64 | 195.78 | 58.14 |
| PPMCOD09 | 2003 | 26.61 | 195.49 | 56.34 |
| PPMCOD09 | 1998 | 22.89 | 166.26 | 50.22 |
| PPMCOD09 | 1997 | 24.94 | 182.27 | 51.77 |
| PPMCOD10 | 2010 | 30.08 | 223.37 | 54.91 |
| PPMCOD10 | 2003 | 27.80 | 205.00 | 53.83 |
| PPMCOD10 | 1998 | 27.04 | 198.99 | 52.87 |
| PPMCOD10 | 1997 | 27.28 | 200.83 | 52.08 |
| PPMCOD11 | 2010 | 25.15 | 183.93 | 61.78 |
| PPMCOD11 | 2003 | 21.57 | 156.03 | 47.83 |
| PPMCOD11 | 1998 | 20.09 | 144.59 | 45.49 |
| PPMCOD11 | 1997 | 23.83 | 173.60 | 49.34 |
| PPMCOD12 | 2010 | 30.59 | 227.52 | 150.57 |
| PPMCOD12 | 2003 | 27.02 | 198.79 | 143.52 |
| PPMCOD12 | 1998 | 22.29 | 161.61 | 108.83 |
| PPMCOD13 | 2010 | 19.78 | 142.28 | 110.61 |
| PPMCOD13 | 2003 | 19.22 | 137.95 | 107.28 |
| PPMCOD13 | 1998 | 16.17 | 114.98 | 96.90 |
| PPMCOD14 | 2010 | 27.21 | 200.30 | 184.53 |
| PPMCOD14 | 2003 | 20.55 | 148.15 | 168.31 |
| PPMCOD14 | 1998 | 24.77 | 180.95 | 170.06 |
| PPMCOD15 | 2010 | 22.78 | 165.40 | 118.95 |
| PPMCOD15 | 2003 | 21.74 | 157.34 | 109.66 |
| PPMCOD15 | 1998 | 19.01 | 136.37 | 89.54 |
| PPMCOD15 | 1997 | 18.04 | 129.04 | 85.23 |
| PPMCOD16 | 2010 | 25.69 | 188.26 | 94.54 |
| PPMCOD16 | 2003 | 22.42 | 162.61 | 84.59 |
| PPMCOD16 | 1998 | 21.08 | 152.23 | 78.19 |
| PPMCOD16 | 1997 | 20.35 | 146.62 | 73.44 |
| PPMCOD17 | 2010 | 15.89 | 112.88 | 31.32 |
| PPMCOD17 | 2003 | 14.93 | 105.75 | 30.16 |
| PPMCOD17 | 1998 | 19.27 | 138.36 | 40.12 |
| PPMCOD17 | 1997 | 20.00 | 143.93 | 39.24 |
| PPMCOD18 | 2010 | 25.63 | 187.77 | 121.87 |
| PPMCOD18 | 2003 | 23.86 | 173.81 | 116.06 |
| PPMCOD18 | 1998 | 27.43 | 202.07 | 112.23 |
| PPMCOD18 | 1997 | 27.94 | 206.11 | 128.19 |
| PPMCOD19 | 2010 | 26.52 | 194.83 | 442.25 |
| PPMCOD19 | 2003 | 25.80 | 189.08 | 421.62 |
| PPMCOD19 | 1998 | 25.87 | 189.66 | 388.23 |
| PPMCOD20 | 2010 | 24.52 | 179.00 | 116.17 |
| PPMCOD20 | 2003 | 19.48 | 139.96 | 115.36 |
| PPMCOD20 | 1998 | 20.06 | 144.43 | 113.53 |
| PPMCOD20 | 1997 | 19.20 | 137.82 | 111.44 |
| PPMCOD30 | 2007 | 33.73 | 253.31 | 43.21 |
| PPMCOD30 | 2003 | 33.40 | 250.57 | 43.85 |
| PPMCOD30 | 1998 | 29.23 | 216.53 | 40.39 |
| PPMCOD30 | 1997 | 30.09 | 223.49 | 40.52 |
| PPMCOD31 | 2009 | 17.15 | 122.32 | 171.04 |
| PPMCOD32 | 2005 | 29.48 | 218.56 | 53.99 |
| PPMCOD32 | 1998 | 23.69 | 172.50 | 49.44 |
| PPMCOD32 | 1997 | 24.03 | 175.16 | 47.20 |
| PPMCOD33 | 2005 | 29.65 | 219.92 | 189.44 |
| PPMCOD33 | 1998 | 24.92 | 182.11 | 173.50 |
| PPMCOD33 | 1997 | 26.70 | 196.22 | 193.04 |
| PPMCOD34 | 2010 | 19.59 | 140.84 | 55.61 |
| PPMCOD34 | 2003 | 16.78 | 119.54 | 50.90 |
| PPMCOD34 | 1998 | 16.02 | 113.87 | 43.56 |
| PPMCOD35 | 2010 | 23.58 | 171.62 | 53.12 |
| PPMCOD36 | 2010 | 20.08 | 144.55 | 42.60 |
| PPMCOD36 | 1998 | 18.49 | 132.45 | 42.69 |
| PPMCOD37 | 2010 | 25.72 | 188.44 | 92.15 |
| PPMCOD37 | 2003 | 25.86 | 189.57 | 81.45 |
| PPMCOD37 | 1998 | 22.60 | 164.03 | 66.48 |
| PPMCOD38 | 2010 | 23.93 | 174.41 | 146.39 |
| PPMCOD38 | 2003 | 23.11 | 167.93 | 142.34 |
| PPMCOD38 | 1998 | 22.59 | 163.90 | 131.80 |
| PPMCOD39 | 2010 | 21.84 | 158.14 | 45.54 |
| PPMCOD39 | 2003 | 20.58 | 148.40 | 46.78 |
| PPMCOD39 | 1998 | 17.79 | 127.13 | 38.82 |
| PPMCOD40 | 2010 | 23.55 | 171.37 | 103.07 |
| PPMCOD40 | 2003 | 24.37 | 177.86 | 56.33 |
| PPMCOD40 | 1998 | 25.67 | 188.09 | 104.58 |
| PPMCOD41 | 2010 | 27.08 | 199.28 | 61.50 |
| PPMCOD41 | 2003 | 25.89 | 189.78 | 71.50 |
| PPMCOD41 | 1998 | 20.70 | 149.31 | 57.62 |
| PPMCOD42 | 2010 | 23.00 | 167.13 | 50.71 |
| PPMCOD42 | 2003 | 20.80 | 150.07 | 54.44 |
| PPMCOD42 | 1998 | 21.79 | 157.72 | 57.50 |
| PPMCOD43 | 2004 | 22.21 | 160.96 | 73.16 |
| PPMCOD43 | 1998 | 24.04 | 175.27 | 94.43 |
| PPMFUN01 | 2014 | 31.92 | 238.41 | 52.87 |
| PPMFUN01 | 2011 | 31.03 | 231.14 | 52.60 |
| PPMFUN01 | 2008 | 29.41 | 218.00 | 51.05 |
| PPMFUN01 | 2005 | 27.62 | 203.62 | 48.83 |
| PPMFUN01 | 2003 | 27.19 | 200.12 | 49.31 |
| PPMFUN01 | 2000 | 25.13 | 183.79 | 47.09 |
| PPMFUN01 | 1999 | 24.12 | 175.86 | 45.81 |
| PPMFUN01 | 1998 | 26.50 | 194.66 | 49.17 |
| PPMFUN02 | 2014 | 35.51 | 268.16 | 253.51 |
| PPMFUN02 | 2012 | 34.68 | 261.22 | 248.00 |
| PPMFUN02 | 2008 | 33.22 | 249.08 | 239.28 |
| PPMFUN02 | 2005 | 30.80 | 229.27 | 229.48 |
| PPMFUN02 | 2003 | 29.31 | 217.17 | 225.60 |
| PPMFUN02 | 2000 | 30.55 | 227.20 | 218.34 |
| PPMFUN02 | 1999 | 27.18 | 200.04 | 216.06 |
| PPMFUN02 | 1998 | 29.66 | 219.97 | 214.82 |
| PPMFUN03 | 2014 | 33.33 | 250.03 | 590.97 |
| PPMFUN03 | 2012 | 33.36 | 250.22 | 592.26 |
| PPMFUN03 | 2008 | 31.12 | 231.85 | 589.84 |
| PPMFUN03 | 2005 | 30.72 | 228.58 | 552.71 |
| PPMFUN03 | 2003 | 30.52 | 227.01 | 540.26 |
| PPMFUN03 | 2000 | 36.90 | 279.83 | 545.80 |
| PPMFUN03 | 1999 | 35.82 | 270.69 | 543.22 |
| PPMFUN03 | 1998 | 35.94 | 271.75 | 542.35 |
| PPMFUN04 | 2014 | 26.07 | 191.24 | 32.14 |
| PPMFUN04 | 2012 | 24.79 | 181.09 | 31.09 |
| PPMFUN04 | 2008 | 26.65 | 195.83 | 32.00 |
| PPMFUN04 | 2005 | 28.08 | 207.30 | 34.02 |
| PPMFUN04 | 2003 | 28.42 | 209.97 | 35.11 |
| PPMFUN04 | 2000 | 27.77 | 204.80 | 35.49 |
| PPMFUN04 | 1999 | 26.73 | 196.49 | 35.20 |
| PPMFUN04 | 1998 | 26.25 | 192.65 | 35.03 |
| PPMFUN05 | 2014 | 33.32 | 249.92 | 287.69 |
| PPMFUN05 | 2011 | 32.71 | 244.90 | 282.25 |
| PPMFUN05 | 2008 | 31.13 | 231.94 | 278.79 |
| PPMFUN05 | 2005 | 29.94 | 222.25 | 274.16 |
| PPMFUN05 | 2003 | 28.22 | 208.36 | 269.59 |
| PPMFUN05 | 2000 | 26.63 | 195.65 | 266.96 |
| PPMFUN05 | 1999 | 27.11 | 199.49 | 267.98 |
| PPMFUN05 | 1998 | 28.58 | 211.28 | 359.76 |
| PPMFUN06 | 2014 | 29.61 | 219.63 | 43.37 |
| PPMFUN06 | 2011 | 35.14 | 265.01 | 52.62 |
| PPMFUN06 | 2008 | 33.21 | 249.06 | 49.82 |
| PPMFUN06 | 2005 | 33.24 | 249.25 | 50.72 |
| PPMFUN06 | 2003 | 34.55 | 260.14 | 51.68 |
| PPMFUN06 | 2000 | 34.73 | 261.62 | 52.34 |
| PPMFUN06 | 1999 | 35.34 | 266.74 | 53.47 |
| PPMFUN06 | 1998 | 34.83 | 262.42 | 52.83 |
| PPMFUN07 | 2015 | 35.72 | 269.90 | 409.52 |
| PPMFUN07 | 2012 | 36.55 | 276.87 | 423.22 |
| PPMFUN07 | 2009 | 37.06 | 281.18 | 434.19 |
| PPMFUN07 | 2006 | 37.12 | 281.68 | 437.46 |
| PPMFUN07 | 2003 | 35.64 | 269.25 | 422.12 |
| PPMFUN07 | 2000 | 38.03 | 289.30 | 460.39 |
| PPMFUN07 | 1999 | 44.95 | 349.11 | 542.91 |
| PPMFUN07 | 1998 | 44.55 | 345.56 | 537.75 |
| PPMFUN08 | 2014 | 27.15 | 199.79 | 48.24 |
| PPMFUN08 | 2011 | 25.50 | 186.75 | 45.40 |
| PPMFUN08 | 2008 | 26.39 | 193.81 | 43.81 |
| PPMFUN08 | 2005 | 25.17 | 184.09 | 41.58 |
| PPMFUN08 | 2003 | 27.59 | 203.31 | 45.22 |
| PPMFUN08 | 2000 | 31.45 | 234.54 | 48.42 |
| PPMFUN08 | 1999 | 34.63 | 260.82 | 51.74 |
| PPMFUN08 | 1998 | 34.92 | 263.20 | 52.22 |
| PPMFUN09 | 2014 | 24.87 | 181.76 | 42.46 |
| PPMFUN09 | 2011 | 28.13 | 207.69 | 44.78 |
| PPMFUN09 | 2008 | 27.20 | 200.23 | 44.96 |
| PPMFUN09 | 2005 | 26.79 | 196.95 | 45.89 |
| PPMFUN09 | 2003 | 26.25 | 192.63 | 45.87 |
| PPMFUN09 | 2000 | 27.66 | 203.90 | 49.94 |
| PPMFUN09 | 1999 | 28.19 | 208.16 | 51.36 |
| PPMFUN09 | 1998 | 27.74 | 204.58 | 51.48 |
| PPMFUN10 | 2014 | 34.09 | 256.34 | 125.74 |
| PPMFUN10 | 2011 | 33.56 | 251.94 | 122.02 |
| PPMFUN10 | 2008 | 32.81 | 245.69 | 120.37 |
| PPMFUN10 | 2005 | 33.53 | 251.63 | 118.60 |
| PPMFUN10 | 2003 | 32.52 | 243.30 | 116.98 |
| PPMFUN10 | 2000 | 28.35 | 209.42 | 109.18 |
| PPMFUN10 | 1999 | 27.22 | 200.41 | 106.16 |
| PPMFUN10 | 1998 | 27.30 | 200.99 | 106.44 |
| PPMFUN11 | 2014 | 29.39 | 217.83 | 39.34 |
| PPMFUN11 | 2012 | 28.59 | 211.34 | 37.94 |
| PPMFUN11 | 2008 | 27.08 | 199.31 | 36.47 |
| PPMFUN11 | 2005 | 27.08 | 199.31 | 37.22 |
| PPMFUN11 | 2003 | 30.10 | 223.53 | 40.10 |
| PPMFUN11 | 2000 | 28.92 | 214.03 | 38.54 |
| PPMFUN11 | 1999 | 29.87 | 221.71 | 40.34 |
| PPMFUN11 | 1998 | 30.29 | 225.10 | 41.38 |
| PPMFUN12 | 2014 | 31.83 | 237.67 | 44.44 |
| PPMFUN12 | 2012 | 30.88 | 229.93 | 44.13 |
| PPMFUN12 | 2008 | 28.37 | 209.57 | 41.11 |
| PPMFUN12 | 2005 | 26.02 | 190.81 | 38.85 |
| PPMFUN12 | 2003 | 25.83 | 189.33 | 39.11 |
| PPMFUN12 | 2000 | 24.97 | 182.54 | 40.05 |
| PPMFUN12 | 1999 | 25.59 | 187.46 | 42.24 |
| PPMFUN12 | 1998 | 26.98 | 198.50 | 45.37 |
| PPMFUN13 | 2014 | 30.09 | 223.50 | 36.98 |
| PPMFUN13 | 2011 | 30.47 | 226.61 | 38.86 |
| PPMFUN13 | 2008 | 29.10 | 215.44 | 37.11 |
| PPMFUN13 | 2005 | 26.76 | 196.75 | 34.30 |
| PPMFUN13 | 2003 | 26.37 | 193.60 | 34.22 |
| PPMFUN13 | 2000 | 27.46 | 202.27 | 36.21 |
| PPMFUN13 | 1999 | 26.06 | 191.13 | 34.84 |
| PPMFUN13 | 1998 | 25.18 | 184.17 | 33.85 |
| PPMFUN14 | 2015 | 25.63 | 187.76 | 60.42 |
| PPMFUN14 | 2012 | 26.51 | 194.77 | 60.68 |
| PPMFUN14 | 2009 | 23.70 | 172.60 | 55.41 |
| PPMFUN14 | 2006 | 24.23 | 176.72 | 54.88 |
| PPMFUN14 | 2003 | 23.60 | 171.80 | 53.99 |
| PPMFUN14 | 2000 | 22.64 | 164.31 | 52.16 |
| PPMFUN14 | 1998 | 21.47 | 155.26 | 49.67 |
| PPMFUN14 | 1997 | 20.90 | 150.82 | 49.06 |
| PPMFUN15 | 2015 | 14.78 | 104.61 | 105.73 |
| PPMFUN15 | 2012 | 15.45 | 109.58 | 124.91 |
| PPMFUN15 | 2008 | 16.51 | 117.48 | 130.88 |
| PPMFUN15 | 2005 | 17.25 | 123.07 | 133.23 |
| PPMFUN15 | 2001 | 16.89 | 120.37 | 130.71 |
| PPMFUN15 | 1999 | 16.25 | 115.53 | 124.58 |
| PPMFUN16 | 2016 | 27.67 | 204.00 | 315.88 |
| PPMFUN16 | 2013 | 25.41 | 186.02 | 298.55 |
| PPMFUN16 | 2010 | 24.40 | 178.03 | 287.80 |
| PPMFUN16 | 2007 | 23.20 | 168.63 | 275.72 |
| PPMFUN16 | 2003 | 22.17 | 160.66 | 265.99 |
| PPMFUN16 | 2000 | 20.75 | 149.72 | 250.42 |
| PPMFUN16 | 1999 | 20.29 | 146.20 | 245.63 |
| PPMFUN17 | 2016 | 19.27 | 138.37 | 237.54 |
| PPMFUN17 | 2013 | 17.35 | 123.83 | 214.88 |
| PPMFUN17 | 2010 | 17.34 | 123.73 | 216.12 |
| PPMFUN17 | 2007 | 20.06 | 144.42 | 250.68 |
| PPMFUN17 | 2003 | 18.68 | 133.88 | 234.29 |
| PPMFUN17 | 2000 | 23.10 | 167.92 | 291.47 |
| PPMFUN17 | 1999 | 22.54 | 163.55 | 284.34 |
| PPMFUN18 | 2016 | 23.58 | 171.67 | 278.11 |
| PPMFUN18 | 2013 | 27.35 | 201.43 | 328.28 |
| PPMFUN18 | 2010 | 24.50 | 178.81 | 293.41 |
| PPMFUN18 | 2007 | 25.85 | 189.53 | 312.27 |
| PPMFUN18 | 2003 | 24.57 | 179.38 | 298.61 |
| PPMFUN18 | 2000 | 25.55 | 187.09 | 309.93 |
| PPMFUN18 | 1999 | 24.63 | 179.85 | 299.86 |
| PPMFUN19 | 2016 | 30.46 | 226.52 | 369.02 |
| PPMFUN19 | 2013 | 27.04 | 198.96 | 329.12 |
| PPMFUN19 | 2010 | 25.19 | 184.26 | 306.20 |
| PPMFUN19 | 2007 | 23.12 | 168.07 | 280.16 |
| PPMFUN19 | 2003 | 22.36 | 162.10 | 259.81 |
| PPMFUN19 | 2000 | 24.56 | 179.29 | 287.03 |
| PPMFUN19 | 1999 | 26.61 | 195.53 | 313.86 |
| PPMFUN20 | 2015 | 37.42 | 284.18 | 435.99 |
| PPMFUN20 | 2012 | 39.97 | 305.86 | 475.91 |
| PPMFUN20 | 2008 | 41.36 | 317.78 | 493.49 |
| PPMFUN20 | 2005 | 42.07 | 323.95 | 498.46 |
| PPMFUN20 | 2002 | 43.90 | 339.87 | 518.35 |
| PPMFUN20 | 1999 | 44.20 | 342.55 | 519.66 |
| PPMFUN21 | 2015 | 44.65 | 346.44 | 499.84 |
| PPMFUN21 | 2012 | 44.67 | 346.65 | 497.50 |
| PPMFUN21 | 2008 | 42.22 | 325.24 | 461.67 |
| PPMFUN21 | 2005 | 39.83 | 304.71 | 419.11 |
| PPMFUN21 | 2002 | 42.03 | 323.62 | 449.42 |
| PPMFUN21 | 1999 | 41.62 | 320.05 | 437.81 |
| PPMFUN22 | 2015 | 26.42 | 193.98 | 44.21 |
| PPMFUN22 | 2012 | 25.13 | 183.77 | 42.57 |
| PPMFUN23 | 2015 | 26.36 | 193.51 | 53.34 |
| PPMFUN23 | 2012 | 24.92 | 182.13 | 52.15 |
| PPMFUN24 | 2015 | 25.44 | 186.27 | 71.69 |
| PPMFUN24 | 2012 | 23.80 | 173.32 | 68.29 |
| PPMFUN25 | 2015 | 25.95 | 190.31 | 68.57 |
| PPMFUN25 | 2012 | 24.01 | 174.96 | 64.00 |
| PPMFUN26 | 2015 | 34.21 | 257.33 | 85.61 |
| PPMFUN26 | 2012 | 36.17 | 273.64 | 79.45 |
| PPMFUN26 | 2008 | 34.22 | 257.41 | 71.69 |
| PPMFUN26 | 2003 | 30.97 | 230.65 | 62.00 |
| PPMFUN26 | 2000 | 31.45 | 234.56 | 59.48 |
| PPMFUN26 | 1999 | 30.71 | 228.55 | 57.67 |
| PPMFUN26 | 1998 | 36.82 | 279.13 | 63.19 |
| PPMFUN27 | 2015 | 28.32 | 209.23 | 35.17 |
| PPMFUN27 | 2012 | 22.54 | 163.50 | 27.22 |
| PPMFUN27 | 2008 | 22.09 | 160.08 | 30.22 |
| PPMFUN27 | 2000 | 20.04 | 144.24 | 30.12 |
| PPMFUN27 | 1999 | 19.27 | 138.37 | 29.11 |
| PPMFUN27 | 1998 | 22.35 | 162.04 | 32.62 |
| PPMFUN28 | 2015 | 26.93 | 198.08 | 122.01 |
| PPMFUN28 | 2012 | 30.43 | 226.25 | 127.19 |
| PPMFUN28 | 2008 | 29.17 | 216.03 | 114.74 |
| PPMFUN28 | 2005 | 28.22 | 208.39 | 109.79 |
| PPMFUN28 | 2003 | 27.49 | 202.53 | 106.88 |
| PPMFUN28 | 2000 | 26.35 | 193.47 | 102.91 |
| PPMFUN28 | 1999 | 26.92 | 197.99 | 102.49 |
| PPMFUN28 | 1998 | 26.40 | 193.87 | 98.93 |
| PPMFUN29 | 2015 | 18.27 | 130.78 | 43.22 |
| PPMFUN29 | 2012 | 23.35 | 169.86 | 51.12 |
| PPMFUN29 | 2008 | 23.17 | 168.45 | 51.03 |
| PPMFUN29 | 2005 | 22.68 | 164.65 | 50.56 |
| PPMFUN29 | 2003 | 22.11 | 160.16 | 49.22 |
| PPMFUN29 | 2000 | 25.15 | 183.94 | 51.51 |
| PPMFUN29 | 1999 | 22.86 | 166.05 | 50.86 |
| PPMFUN29 | 1998 | 22.55 | 163.62 | 51.02 |
| PPMFUN30 | 2015 | 33.46 | 251.07 | 180.56 |
| PPMFUN30 | 2012 | 33.13 | 248.39 | 176.66 |
| PPMFUN30 | 2008 | 31.94 | 238.53 | 170.35 |
| PPMFUN30 | 2005 | 30.29 | 225.13 | 164.59 |
| PPMFUN30 | 2003 | 29.06 | 215.14 | 159.77 |
| PPMFUN30 | 2000 | 29.10 | 215.48 | 155.34 |
| PPMFUN30 | 1999 | 29.66 | 220.03 | 151.08 |
| PPMFUN30 | 1998 | 29.61 | 219.57 | 150.69 |
| PPMFUN31 | 2015 | 28.27 | 208.79 | 337.50 |
| PPMFUN31 | 2012 | 31.74 | 236.96 | 393.21 |
| PPMFUN31 | 2008 | 29.97 | 222.53 | 371.00 |
| PPMFUN31 | 2001 | 29.54 | 218.99 | 369.38 |
| PPMFUN31 | 1999 | 28.17 | 208.03 | 352.24 |
| PPMFUN31 | 1998 | 27.92 | 206.01 | 348.99 |
| PPMFUN32 | 2016 | 52.72 | 418.74 | 694.35 |
| PPMFUN32 | 1999 | 29.07 | 215.22 | 371.54 |
| PPMFUN32 | 1998 | 31.90 | 238.26 | 409.18 |
| PPMFUN33 | 2016 | 36.41 | 275.66 | 483.68 |
| PPMFUN33 | 1999 | 26.90 | 197.87 | 341.03 |
| PPMFUN33 | 1998 | 26.55 | 195.06 | 336.65 |
| PPMFUN34 | 2016 | 24.76 | 180.86 | 306.10 |
| PPMFUN34 | 1999 | 24.22 | 176.67 | 299.39 |
| PPMFUN34 | 1998 | 25.99 | 190.64 | 323.72 |
| PPMOET01 | 2017 | 23.38 | 170.10 | 281.20 |
| PPMOET01 | 2016 | 23.31 | 169.54 | 280.35 |
| PPMOET01 | 2015 | 23.48 | 170.86 | 282.67 |
| PPMOET01 | 2014 | 22.66 | 164.43 | 273.84 |
| PPMOET01 | 2013 | 23.58 | 171.61 | 282.36 |
| PPMOET01 | 2012 | 23.76 | 173.02 | 287.67 |
| PPMOET01 | 2011 | 22.90 | 166.29 | 275.97 |
| PPMOET01 | 2010 | 22.71 | 164.82 | 273.70 |
| PPMOET01 | 2008 | 22.01 | 159.43 | 264.70 |
| PPMOET01 | 2007 | 21.71 | 157.11 | 261.15 |
| PPMOET01 | 2006 | 21.19 | 153.06 | 254.43 |
| PPMOET01 | 2005 | 20.99 | 151.56 | 252.00 |
| PPMOET01 | 2004 | 21.11 | 152.48 | 253.98 |
| PPMOET01 | 2003 | 21.49 | 155.37 | 259.63 |
| PPMOET02 | 2017 | 26.26 | 192.71 | 318.64 |
| PPMOET02 | 2016 | 26.18 | 192.14 | 317.78 |
| PPMOET02 | 2014 | 25.67 | 188.09 | 311.19 |
| PPMOET02 | 2013 | 25.66 | 187.95 | 311.32 |
| PPMOET02 | 2012 | 25.42 | 186.09 | 308.47 |
| PPMOET02 | 2011 | 25.56 | 187.23 | 310.43 |
| PPMOET02 | 2010 | 25.10 | 183.59 | 304.77 |
| PPMOET02 | 2009 | 24.95 | 182.42 | 302.89 |
| PPMOET02 | 2008 | 24.42 | 178.25 | 296.67 |
| PPMOET02 | 2007 | 24.37 | 177.83 | 296.01 |
| PPMOET02 | 2006 | 23.71 | 172.68 | 288.03 |
| PPMOET02 | 2005 | 23.54 | 171.30 | 285.90 |
| PPMOET02 | 2004 | 22.98 | 166.97 | 278.82 |
| PPMOET03 | 2017 | 26.64 | 195.77 | 316.08 |
| PPMOET03 | 2016 | 26.27 | 192.80 | 311.92 |
| PPMOET03 | 2015 | 26.74 | 196.59 | 318.06 |
| PPMOET03 | 2014 | 26.55 | 195.04 | 315.99 |
| PPMOET03 | 2013 | 26.79 | 196.94 | 319.26 |
| PPMOET03 | 2012 | 26.86 | 197.52 | 320.17 |
| PPMOET03 | 2011 | 27.04 | 198.94 | 322.21 |
| PPMOET03 | 2010 | 27.47 | 202.35 | 328.24 |
| PPMOET03 | 2008 | 27.29 | 200.91 | 326.05 |
| PPMOET03 | 2007 | 27.06 | 199.07 | 323.71 |
| PPMOET03 | 2006 | 26.98 | 198.49 | 324.59 |
| PPMOET04 | 2017 | 26.30 | 193.06 | 207.04 |
| PPMOET04 | 2016 | 26.14 | 191.82 | 204.61 |
| PPMOET04 | 2015 | 25.97 | 190.47 | 202.46 |
| PPMOET04 | 2014 | 26.79 | 196.98 | 213.51 |
| PPMOET04 | 2013 | 26.52 | 194.77 | 210.24 |
| PPMOET04 | 2012 | 26.83 | 197.29 | 214.77 |
| PPMOET04 | 2011 | 26.97 | 198.43 | 216.53 |
| PPMOET04 | 2010 | 26.67 | 196.03 | 214.06 |
| PPMOET04 | 2008 | 26.11 | 191.52 | 209.50 |
| PPMOET04 | 2007 | 25.78 | 188.91 | 206.23 |
| PPMOET04 | 2006 | 25.82 | 189.24 | 206.47 |
| PPMOET05 | 2017 | 24.94 | 182.28 | 227.79 |
| PPMOET05 | 2016 | 25.47 | 186.47 | 231.51 |
| PPMOET05 | 2015 | 25.65 | 187.90 | 232.78 |
| PPMOET05 | 2014 | 25.82 | 189.28 | 233.22 |
| PPMOET05 | 2013 | 25.78 | 188.90 | 232.53 |
| PPMOET05 | 2012 | 25.95 | 190.30 | 233.24 |
| PPMOET05 | 2011 | 26.88 | 197.65 | 239.93 |
| PPMOET05 | 2010 | 26.91 | 197.88 | 239.35 |
| PPMOET05 | 2008 | 27.08 | 199.26 | 235.83 |
| PPMOET06 | 2017 | 64.47 | 529.35 | 545.64 |
| PPMOET06 | 2016 | 64.73 | 531.94 | 546.54 |
| PPMOET06 | 2015 | 66.38 | 547.93 | 559.70 |
| PPMOET06 | 2014 | 65.93 | 543.54 | 553.50 |
| PPMOET06 | 2013 | 65.85 | 542.75 | 549.38 |
| PPMOET06 | 2012 | 65.99 | 544.16 | 548.62 |
| PPMOET06 | 2011 | 66.18 | 546.04 | 547.39 |
| PPMOET06 | 2010 | 65.56 | 539.91 | 539.73 |
| PPMOET06 | 2008 | 64.25 | 527.21 | 523.09 |
| PPMOET07 | 2017 | 20.87 | 150.65 | 183.89 |
| PPMOET07 | 2016 | 20.50 | 147.81 | 179.41 |
| PPMOET07 | 2015 | 20.22 | 145.66 | 176.98 |
| PPMOET07 | 2014 | 20.16 | 145.20 | 175.81 |
| PPMOET07 | 2013 | 19.78 | 142.29 | 172.61 |
| PPMOET07 | 2012 | 19.99 | 143.85 | 173.88 |
| PPMOET07 | 2011 | 20.41 | 147.09 | 177.20 |
| PPMOET07 | 2010 | 20.34 | 146.56 | 175.44 |
| PPMOET08 | 2016 | 23.79 | 173.28 | 292.99 |
| PPMOET08 | 2015 | 23.71 | 172.68 | 291.83 |
| PPMOET08 | 2014 | 23.66 | 172.23 | 291.07 |
| PPMOET08 | 2013 | 23.44 | 170.52 | 288.18 |
| PPMOET08 | 2012 | 24.10 | 175.67 | 296.33 |
| PPMOET08 | 2011 | 24.08 | 175.54 | 296.18 |
| PPMOET08 | 2010 | 23.57 | 171.58 | 289.75 |
| PPMOET09 | 2017 | 24.77 | 181.00 | 225.00 |
| PPMOET09 | 2016 | 24.21 | 176.55 | 218.98 |
| PPMOET09 | 2015 | 25.23 | 184.57 | 230.76 |
| PPMOET09 | 2014 | 24.82 | 181.35 | 226.40 |
| PPMOET09 | 2013 | 24.36 | 177.72 | 222.37 |
| PPMOET09 | 2012 | 24.73 | 180.63 | 225.75 |
| PPMOET09 | 2011 | 24.61 | 179.68 | 225.76 |
| PPMOET10 | 2017 | 37.05 | 281.02 | 459.13 |
| PPMOET10 | 2016 | 36.82 | 279.15 | 456.46 |
| PPMOET10 | 2015 | 37.52 | 285.03 | 466.21 |
| PPMOET10 | 2014 | 37.75 | 286.99 | 469.19 |
| PPMOET10 | 2013 | 36.64 | 277.64 | 455.16 |
| PPMOET10 | 2012 | 36.36 | 275.27 | 451.68 |
| PPMOET10 | 2011 | 35.93 | 271.65 | 446.23 |
| PPMOET10 | 2010 | 35.46 | 267.75 | 440.31 |
| PPMUNA01 | 2017 | 25.65 | 187.94 | 310.85 |
| PPMUNA01 | 2010 | 24.96 | 182.45 | 302.43 |
| PPMUNA01 | 2004 | 22.56 | 163.70 | 273.40 |
| PPMUNA02 | 2016 | 20.89 | 150.77 | 179.62 |
| PPMUNA02 | 2010 | 20.64 | 148.86 | 173.02 |
| PPMUNA02 | 2004 | 20.97 | 151.38 | 174.25 |
| PPMUNA03 | 2010 | 31.69 | 236.53 | 324.42 |
| PPMUNA03 | 2004 | 28.16 | 207.91 | 273.91 |
| PPMUNA04 | 2012 | 50.22 | 396.02 | 637.20 |
| PPMUNA04 | 2009 | 48.91 | 384.26 | 622.18 |
| PPMUNA06 | 2014 | 29.01 | 214.71 | 193.37 |
| PPMUNA06 | 2009 | 27.39 | 201.71 | 180.11 |
| PPMUNA07 | 2010 | 34.81 | 262.32 | 316.30 |
| PPMUNA08 | 2012 | 30.42 | 226.17 | 281.75 |
| PPMUNA08 | 2008 | 27.78 | 204.85 | 254.23 |
| PPMUNA09 | 2013 | 39.90 | 305.27 | 460.60 |
| PPMUNA09 | 2008 | 37.87 | 287.97 | 436.18 |
| PPMUNA10 | 2015 | 42.38 | 326.66 | 422.17 |
| PPMUNA10 | 2009 | 40.77 | 312.74 | 397.75 |
| PPMUNA13 | 2016 | 28.82 | 213.22 | 327.96 |
| PPMUNA13 | 2014 | 30.61 | 227.71 | 340.14 |
| PPMUNA13 | 2008 | 27.55 | 203.00 | 314.31 |
| PPMUNA13 | 2002 | 26.70 | 196.28 | 304.92 |
| PPMUNA13 | 1999 | 28.28 | 208.88 | 331.39 |
| PPMUNA14 | 2011 | 26.80 | 197.08 | 338.98 |
| PPMUNA14 | 2004 | 22.46 | 162.91 | 284.26 |
| PPMUNA15 | 2011 | 35.54 | 268.41 | 434.13 |
| PPMUNA15 | 2004 | 32.45 | 242.80 | 394.22 |
| PPMUNA16 | 2017 | 22.29 | 161.58 | 256.76 |
| PPMUNA16 | 2011 | 21.51 | 155.55 | 248.70 |
| PPMUNA16 | 2004 | 22.16 | 160.59 | 255.93 |
| PPMUNA18 | 2010 | 25.50 | 186.72 | 293.98 |
| PPMUNA18 | 2007 | 25.28 | 185.00 | 290.98 |
| PPMUNA18 | 2005 | 23.98 | 174.80 | 276.90 |
| PPMUNA18 | 2002 | 23.08 | 167.71 | 268.27 |
| PPMUNA18 | 1998 | 21.16 | 152.83 | 249.18 |
| PPMUNA19 | 2010 | 26.24 | 192.60 | 223.10 |
| PPMUNA19 | 2007 | 24.72 | 180.61 | 212.37 |
| PPMUNA19 | 2005 | 23.43 | 170.47 | 201.70 |
| PPMUNA19 | 2002 | 26.04 | 191.03 | 240.02 |
| PPMUNA19 | 1998 | 24.05 | 175.33 | 229.82 |
| PPMUNA20 | 2010 | 28.98 | 214.54 | 257.07 |
| PPMUNA20 | 2007 | 27.97 | 206.38 | 245.89 |
| PPMUNA20 | 2005 | 27.01 | 198.68 | 239.03 |
| PPMUNA20 | 2002 | 24.66 | 180.07 | 218.35 |
| PPMUNA20 | 1998 | 24.90 | 181.97 | 227.84 |
| PPMUNA21 | 2010 | 23.49 | 170.96 | 193.34 |
| PPMUNA21 | 2007 | 22.74 | 165.11 | 189.83 |
| PPMUNA21 | 2005 | 21.68 | 156.87 | 181.72 |
| PPMUNA21 | 2002 | 19.96 | 143.66 | 166.61 |
| PPMUNA21 | 1998 | 18.68 | 133.87 | 163.65 |
| PPMUNA22 | 2011 | 30.70 | 228.43 | 380.62 |
| PPMUNA22 | 2007 | 28.89 | 213.79 | 358.15 |
| PPMUNA22 | 2005 | 27.20 | 200.24 | 337.82 |
| PPMUNA22 | 2003 | 25.93 | 190.11 | 322.65 |
| PPMUNA23 | 2011 | 27.57 | 203.19 | 307.25 |
| PPMUNA23 | 2007 | 27.28 | 200.88 | 308.93 |
| PPMUNA23 | 2005 | 29.03 | 214.89 | 336.51 |
| PPMUNA23 | 2003 | 28.89 | 213.78 | 337.38 |
| PPMUNA24 | 2011 | 30.87 | 229.84 | 368.08 |
| PPMUNA24 | 2007 | 28.89 | 213.76 | 344.22 |
| PPMUNA24 | 2005 | 28.06 | 207.09 | 337.61 |
| PPMUNA24 | 2003 | 28.45 | 210.25 | 345.45 |
| PPMUNA25 | 2011 | 28.06 | 207.09 | 335.11 |
| PPMUNA25 | 2007 | 27.54 | 202.96 | 331.69 |
| PPMUNA25 | 2005 | 26.63 | 195.70 | 323.90 |
| PPMUNA25 | 2003 | 26.43 | 194.10 | 322.27 |
| PPMUNA26 | 2011 | 36.82 | 279.16 | 456.50 |
| PPMUNA26 | 2008 | 34.48 | 259.50 | 427.12 |
| PPMUNA26 | 2006 | 32.08 | 239.72 | 397.68 |
| PPMUNA26 | 2003 | 32.19 | 240.60 | 397.72 |
| PPMUNA26 | 1998 | 32.09 | 239.78 | 398.60 |
| PPMUNA27 | 2008 | 38.36 | 292.13 | 477.41 |
| PPMUNA27 | 2006 | 37.47 | 284.59 | 466.65 |
| PPMUNA27 | 2004 | 39.72 | 303.70 | 495.29 |
| PPMUNA27 | 2003 | 37.29 | 283.09 | 463.25 |
| PPMUNA27 | 1998 | 33.24 | 249.30 | 411.96 |
| PPMUNA28 | 2008 | 33.65 | 252.67 | 407.53 |
| PPMUNA28 | 2006 | 32.69 | 244.75 | 392.25 |
| PPMUNA28 | 2004 | 35.13 | 264.98 | 426.53 |
| PPMUNA28 | 2003 | 31.96 | 238.78 | 382.26 |
| PPMUNA28 | 1998 | 27.48 | 202.50 | 325.14 |
| PPMUNA29 | 2008 | 35.72 | 269.88 | 429.71 |
| PPMUNA29 | 2006 | 34.19 | 257.16 | 411.29 |
| PPMUNA29 | 2004 | 38.37 | 292.21 | 461.76 |
| PPMUNA29 | 2003 | 34.42 | 259.06 | 413.66 |
| PPMUNA29 | 1998 | 29.96 | 222.43 | 363.91 |
| PPMUNA60 | 2008 | 31.80 | 237.44 | 390.60 |
| PPMUNA61 | 2010 | 26.34 | 193.38 | 318.33 |
| PPMUNA61 | 2008 | 26.83 | 197.25 | 326.31 |
| PPMUNA62 | 2010 | 24.03 | 175.17 | 283.56 |
| PPMUNA62 | 2008 | 24.05 | 175.33 | 284.72 |
| PPMUNA63 | 2010 | 28.80 | 213.02 | 355.50 |
| PPMUNA63 | 2008 | 27.48 | 202.50 | 339.42 |
| PPMUNA64 | 2010 | 24.07 | 175.45 | 277.54 |
| PPMUNA64 | 2008 | 23.01 | 167.17 | 264.59 |
| PPMUNA65 | 2010 | 24.73 | 180.67 | 304.40 |
| PPMUNA65 | 2008 | 23.61 | 171.90 | 290.53 |
| PPMUNA66 | 2010 | 33.99 | 255.50 | 422.62 |
| PPMUNA66 | 2008 | 38.07 | 289.71 | 478.75 |
| PPMUNA67 | 2010 | 24.69 | 180.34 | 301.27 |
| PPMUNA67 | 2008 | 33.75 | 253.51 | 420.33 |
| PPMUNA72 | 2013 | 28.57 | 211.19 | 72.65 |
| PPMUNA75 | 2016 | 36.16 | 273.59 | 467.24 |

**Anexo 5. Muestra de las evaluaciones visuales**









Anexo . Resultados consolidados y tabulados de la evaluación visual multitemporal

| **Código Parcela** | **Año de medición** | **PLOT\_ID** | **CENTER\_LON** | **CENTER\_LAT** | **SIZE\_M** | **SHAPE** | **FLAGGED** | **ANALYS** | **SAMPLE POINTS** | **Project** | **RESULTADOS EVALUACION DERIVADA DE COLLECT EARTH** | | | | | **Imagen** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DENSIDAD DOSEL** | | | **CONDICION:** | |
| **BOSQUE** | **CLARO** | **OTRO USO** | **EN BLOQUE DE BOSQUE** | **EN LINDERO DE BOSQUE** |
| IBM01181 | 2013 | 1 | -85.5748748 | 10.9485152 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 75.5102 | 20.4081 | 4.0816326 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM01210 | 2013 | 2 | -84.4707969 | 10.9522043 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM02275 | 2013 | 3 | -85.041064 | 10.6901773 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM02294 | 2013 | 4 | -84.3182098 | 10.6917078 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM02655 | 2013 | 5 | -84.280085 | 10.6048456 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM02845 | 2013 | 6 | -83.899749 | 10.561504 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM03085 | 2013 | 7 | -85.0403845 | 10.4946263 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM03125 | 2013 | 8 | -83.5196388 | 10.495944 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM03161 | 2013 | 9 | -85.5724171 | 10.4707341 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 77.5510 | 20.4081 | 2.0408163 | 0 | 100 | DigitalGlobeWMSImagery 2013 |
| IBM03657 | 2013 | 10 | -83.8238 | 10.3659442 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM03815 | 2013 | 11 | -84.6598264 | 10.3218672 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM03989 | 2013 | 12 | -84.8876553 | 10.2779702 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM04733 | 2013 | 13 | -83.9758435 | 10.1052847 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM05652 | 2013 | 14 | -83.2548391 | 9.88719789 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM05977 | 2013 | 15 | -84.5828934 | 9.80062171 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM06073 | 2013 | 16 | -84.355216 | 9.77918939 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM06089 | 2013 | 17 | -83.7482441 | 9.77930342 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 93.8775 | 6.12244 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM06630 | 2013 | 18 | -83.7104182 | 9.64891257 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM06706 | 2013 | 19 | -84.2413273 | 9.62723997 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM06911 | 2013 | 20 | -83.2934181 | 9.58313915 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 65.3061 | 20.4081 | 14.285714 | 0 | 100 | DigitalGlobeWMSImagery 2013 |
| IBM06913 | 2013 | 21 | -83.2175973 | 9.58297636 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM07632 | 2013 | 22 | -83.2558882 | 9.40926683 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 95.9183 | 4.08163 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM07818 | 2013 | 23 | -83.0363471 | 9.37534737 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM08358 | 2013 | 24 | -83.0583855 | 9.22961954 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 67.3469 | 32.6530 | 0 | 0 | 100 | DigitalGlobeWMSImagery 2013 |
| IBM08526 | 2013 | 25 | -83.4835669 | 9.1924102 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM12500 | 2013 | 26 | -82.9560535 | 8.23541445 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM14239 | 2013 | 27 | -85.2517805 | 11.0047556 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM14504 | 2013 | 28 | -85.4395312 | 10.9373163 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM14950 | 2013 | 29 | -85.5932684 | 10.828964 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM15072 | 2013 | 30 | -84.3754257 | 10.8111289 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM15233 | 2013 | 31 | -85.0983583 | 10.7659625 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM15407 | 2013 | 32 | -85.3264723 | 10.7216181 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM15528 | 2013 | 33 | -84.1470102 | 10.702698 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM15808 | 2013 | 34 | -83.766588 | 10.6374709 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM16231 | 2013 | 35 | -84.7933399 | 10.527939 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM16248 | 2013 | 36 | -84.1469272 | 10.5288981 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM16264 | 2013 | 37 | -83.5385195 | 10.5285961 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM16855 | 2013 | 38 | -85.0209693 | 10.3752361 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM17039 | 2013 | 39 | -84.868765 | 10.3323072 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM17132 | 2013 | 40 | -84.7547943 | 10.3107973 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM17149 | 2013 | 41 | -84.1088262 | 10.3116603 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM17830 | 2013 | 42 | -85.5896662 | 10.1338291 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM17869 | 2013 | 43 | -84.1087214 | 10.137856 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM17981 | 2013 | 44 | -83.2732974 | 10.115347 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 93.8775 | 6.12244 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM18126 | 2013 | 45 | -84.6023573 | 10.0721454 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM18608 | 2013 | 46 | -83.387509 | 9.96350562 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM18948 | 2013 | 47 | -84.1492803 | 9.87860626 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM19242 | 2013 | 48 | -83.2360371 | 9.81112483 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM19423 | 2013 | 49 | -83.1982038 | 9.76758848 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM20045 | 2013 | 50 | -83.5016398 | 9.61609644 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM20116 | 2013 | 51 | -84.222336 | 9.5946563 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM20128 | 2013 | 52 | -83.7673417 | 9.59465856 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM20300 | 2013 | 53 | -84.0705986 | 9.55128231 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM20853 | 2013 | 54 | -83.5779743 | 9.42067642 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM20928 | 2013 | 55 | -84.1464437 | 9.39955013 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM21672 | 2013 | 56 | -83.2373507 | 9.22451937 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 85.7142 | 0 | 14.285714 | 0 | 100 | DigitalGlobeWMSImagery 2013 |
| IBM23748 | 2013 | 57 | -83.0114611 | 8.72435833 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM23922 | 2013 | 58 | -83.2384451 | 8.68142691 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM24272 | 2013 | 59 | -83.6165438 | 8.59501596 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| IBM24638 | 2013 | 60 | -83.3902187 | 8.50774822 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMCAT01 | 1997 | 1 | -83.884 | 10.20478 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT01 | 1998 | 1 | -83.884 | 10.20478 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT01 | 2000 | 1 | -83.884 | 10.20478 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT01 | 2006 | 1 | -83.884 | 10.20478 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT01 | 2010 | 1 | -83.884 | 10.20478 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT02 | 1997 | 2 | -83.88674 | 10.20328 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT02 | 1998 | 2 | -83.88674 | 10.20328 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT02 | 2000 | 2 | -83.88674 | 10.20328 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT02 | 2006 | 2 | -83.88674 | 10.20328 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT02 | 2010 | 2 | -83.88674 | 10.20328 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT03 | 1997 | 3 | -83.88386 | 10.20194 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT03 | 1998 | 3 | -83.88386 | 10.20194 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT03 | 2000 | 3 | -83.88386 | 10.20194 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT03 | 2006 | 3 | -83.88386 | 10.20194 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT03 | 2010 | 3 | -83.88386 | 10.20194 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT04 | 1997 | 4 | -83.8826 | 10.20174 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT04 | 1998 | 4 | -83.8826 | 10.20174 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT04 | 2000 | 4 | -83.8826 | 10.20174 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT04 | 2006 | 4 | -83.8826 | 10.20174 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT04 | 2010 | 4 | -83.8826 | 10.20174 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT05 | 1997 | 5 | -83.88621 | 10.20322 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT05 | 1998 | 5 | -83.88621 | 10.20322 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT05 | 2000 | 5 | -83.88621 | 10.20322 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT05 | 2006 | 5 | -83.88621 | 10.20322 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT05 | 2010 | 5 | -83.88621 | 10.20322 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT06 | 1997 | 6 | -83.88242 | 10.20565 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT06 | 1998 | 6 | -83.88242 | 10.20565 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT06 | 2000 | 6 | -83.88242 | 10.20565 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT06 | 2006 | 6 | -83.88242 | 10.20565 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT06 | 2010 | 6 | -83.88242 | 10.20565 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT07 | 1997 | 7 | -83.87955 | 10.20547 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT07 | 1998 | 7 | -83.87955 | 10.20547 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT07 | 2000 | 7 | -83.87955 | 10.20547 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT07 | 2006 | 7 | -83.87955 | 10.20547 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT07 | 2010 | 7 | -83.87955 | 10.20547 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT08 | 1997 | 8 | -83.88065 | 10.20464 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT08 | 1998 | 8 | -83.88065 | 10.20464 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT08 | 2000 | 8 | -83.88065 | 10.20464 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT08 | 2006 | 8 | -83.88065 | 10.20464 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT08 | 2010 | 8 | -83.88065 | 10.20464 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT09 | 1997 | 9 | -83.88228 | 10.20395 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT09 | 1998 | 9 | -83.88228 | 10.20395 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT09 | 2000 | 9 | -83.88228 | 10.20395 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT09 | 2006 | 9 | -83.88228 | 10.20395 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT09 | 2010 | 9 | -83.88228 | 10.20395 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT10 | 2010 | 10 | -83.88165 | 10.20205 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT11 | 2010 | 11 | -83.88468 | 10.20189 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT12 | 2010 | 12 | -83.887 | 10.19909 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCAT13 | 2004 | 1 | -84.178009 | 10.679845 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT14 | 2004 | 2 | -84.1825953 | 10.682333 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT15 | 2004 | 3 | -84.104085 | 10.641102 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT16 | 2004 | 4 | -84.040754 | 10.645117 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT17 | 2005 | 1 | -84.079514 | 10.72957 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT18 | 2005 | 2 | -84.189527 | 10.70463 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT19 | 2005 | 3 | -84.151144 | 10.753461 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT20 | 2006 | 10 | -84.180879 | 10.722095 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT21 | 2005 | 4 | -84.217144 | 10.699258 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT22 | 2005 | 5 | -84.178836 | 10.73561 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT23 | 2005 | 6 | -84.081184 | 10.67059 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT24 | 2005 | 7 | -84.05502 | 10.64293 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT25 | 2002 | 1 | -84.07159 | 10.45947 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT25 | 2005 | 8 | -84.07159 | 10.45947 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 75.5102 | 0 | 24.489795 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT25 | 2009 | 1 | -84.07159 | 10.45947 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT26 | 2002 | 2 | -84.0722 | 10.46216 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT26 | 2005 | 9 | -84.0722 | 10.46216 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 79.5918 | 0 | 20.408163 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT26 | 2009 | 2 | -84.0722 | 10.46216 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT27 | 2002 | 3 | -84.0707 | 10.46237 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT27 | 2005 | 10 | -84.0707 | 10.46237 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT27 | 2009 | 3 | -84.0707 | 10.46237 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT28 | 2002 | 4 | -84.07324 | 10.4639 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT28 | 2005 | 11 | -84.07324 | 10.4639 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 81.6326 | 2.04081 | 16.326530 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT28 | 2009 | 4 | -84.07324 | 10.4639 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT29 | 2002 | 5 | -84.07121 | 10.4641 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT29 | 2005 | 12 | -84.07121 | 10.4641 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT29 | 2009 | 5 | -84.07121 | 10.4641 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT30 | 2002 | 6 | -84.07836 | 10.4463 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT30 | 2005 | 13 | -84.07836 | 10.4463 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT30 | 2009 | 6 | -84.07836 | 10.4463 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT31 | 2002 | 7 | -84.08435 | 10.44564 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT31 | 2005 | 14 | -84.08435 | 10.44564 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT31 | 2009 | 7 | -84.08435 | 10.44564 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT32 | 2002 | 8 | -84.08362 | 10.44445 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT32 | 2005 | 15 | -84.08362 | 10.44445 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT32 | 2009 | 8 | -84.08362 | 10.44445 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT33 | 2002 | 9 | -84.07947 | 10.4446 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT33 | 2005 | 16 | -84.07947 | 10.4446 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT33 | 2009 | 9 | -84.07947 | 10.4446 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT34 | 2002 | 10 | -84.08044 | 10.44539 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT34 | 2005 | 17 | -84.08044 | 10.44539 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT34 | 2009 | 10 | -84.08044 | 10.44539 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT35 | 2002 | 11 | -84.08158 | 10.4462 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT35 | 2005 | 18 | -84.08158 | 10.4462 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT35 | 2009 | 11 | -84.08158 | 10.4462 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT36 | 2002 | 12 | -84.07971 | 10.4467 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT36 | 2005 | 19 | -84.07971 | 10.4467 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 71.4285 | 0 | 28.571428 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT36 | 2009 | 12 | -84.07971 | 10.4467 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT37 | 2002 | 13 | -84.0825 | 10.44642 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT37 | 2005 | 20 | -84.0825 | 10.44642 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT37 | 2009 | 13 | -84.0825 | 10.44642 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT38 | 2002 | 14 | -84.08231 | 10.4448 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT38 | 2005 | 21 | -84.08231 | 10.4448 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 100 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT38 | 2009 | 14 | -84.08231 | 10.4448 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT39 | 2002 | 15 | -84.0482746 | 10.5934006 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT39 | 2005 | 22 | -84.0482746 | 10.5934006 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT39 | 2009 | 15 | -84.0482746 | 10.5934006 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT40 | 2002 | 16 | -84.04063 | 10.59034 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT40 | 2005 | 23 | -84.04063 | 10.59034 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT40 | 2009 | 16 | -84.04063 | 10.59034 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT41 | 2002 | 17 | -84.0384407 | 10.5981623 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT41 | 2005 | 24 | -84.0384407 | 10.5981623 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT41 | 2009 | 17 | -84.0384407 | 10.5981623 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT42 | 2002 | 18 | -84.03824 | 10.58558 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT42 | 2005 | 25 | -84.03824 | 10.58558 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT42 | 2009 | 18 | -84.03824 | 10.58558 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT43 | 2002 | 19 | -84.03733 | 10.58732 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT43 | 2005 | 26 | -84.03733 | 10.58732 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT43 | 2009 | 19 | -84.03733 | 10.58732 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT44 | 2002 | 20 | -84.03628 | 10.5874 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT44 | 2005 | 27 | -84.03628 | 10.5874 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT44 | 2009 | 20 | -84.03628 | 10.5874 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT45 | 2002 | 21 | -84.03679 | 10.58477 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT45 | 2005 | 28 | -84.03679 | 10.58477 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT45 | 2009 | 21 | -84.03679 | 10.58477 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT46 | 2002 | 22 | -84.04345 | 10.59288 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT46 | 2005 | 29 | -84.04345 | 10.59288 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT46 | 2009 | 22 | -84.04345 | 10.59288 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT47 | 2002 | 23 | -84.03703 | 10.58776 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT47 | 2005 | 30 | -84.03703 | 10.58776 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT47 | 2009 | 23 | -84.03703 | 10.58776 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT48 | 2002 | 24 | -84.04136 | 10.5337 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT48 | 2005 | 31 | -84.04136 | 10.5337 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 73.4693 | 0 | 26.530612 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT48 | 2009 | 24 | -84.04136 | 10.5337 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT49 | 2002 | 25 | -84.04 | 10.53311 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT49 | 2005 | 32 | -84.04 | 10.53311 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT49 | 2009 | 25 | -84.04 | 10.53311 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT50 | 2002 | 26 | -84.03929 | 10.53036 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT50 | 2005 | 33 | -84.03929 | 10.53036 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 69.3877 | 0 | 30.612244 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT50 | 2009 | 26 | -84.03929 | 10.53036 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT51 | 2002 | 27 | -84.03812 | 10.53135 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT51 | 2005 | 34 | -84.03812 | 10.53135 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT51 | 2009 | 27 | -84.03812 | 10.53135 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT52 | 2002 | 28 | -84.03841 | 10.52937 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT52 | 2005 | 35 | -84.03841 | 10.52937 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 75.5102 | 0 | 24.489795 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMCAT52 | 2009 | 28 | -84.03841 | 10.52937 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT53 | 2002 | 29 | -84.03667 | 10.53023 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT53 | 2005 | 36 | -84.03667 | 10.53023 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT53 | 2009 | 29 | -84.03667 | 10.53023 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT54 | 2002 | 30 | -84.03767 | 10.53414 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT54 | 2005 | 37 | -84.03767 | 10.53414 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT54 | 2009 | 30 | -84.03767 | 10.53414 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT55 | 2002 | 31 | -84.03688 | 10.53249 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT55 | 2005 | 38 | -84.03688 | 10.53249 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT55 | 2009 | 31 | -84.03688 | 10.53249 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT56 | 2002 | 32 | -84.03461 | 10.53228 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT56 | 2005 | 39 | -84.03461 | 10.53228 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT56 | 2009 | 32 | -84.03461 | 10.53228 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT57 | 2002 | 33 | -84.07381 | 10.43381 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT57 | 2005 | 40 | -84.07381 | 10.43381 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT58 | 2002 | 34 | -84.07275 | 10.43464 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT58 | 2005 | 41 | -84.07275 | 10.43464 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT59 | 2002 | 35 | -84.0725 | 10.43552 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT59 | 2005 | 42 | -84.0725 | 10.43552 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT59 | 2009 | 33 | -84.0725 | 10.43552 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCAT60 | 2002 | 36 | -84.07233 | 10.43678 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT60 | 2005 | 43 | -84.07233 | 10.43678 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCAT61 | 1998 | 10 | -84.115 | 10.4099 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT61 | 2003 | 1 | -84.115 | 10.4099 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT61 | 2008 | 1 | -84.115 | 10.4099 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT61 | 2011 | 1 | -84.115 | 10.4099 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT62 | 1998 | 11 | -84.11399 | 10.41108 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT62 | 2003 | 2 | -84.11399 | 10.41108 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT62 | 2008 | 2 | -84.11399 | 10.41108 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT62 | 2011 | 2 | -84.11399 | 10.41108 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT62 | 2015 | 1 | -84.11399 | 10.41108 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMCAT63 | 1998 | 12 | -84.11327 | 10.4118 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT63 | 2003 | 3 | -84.11327 | 10.4118 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT63 | 2008 | 3 | -84.11327 | 10.4118 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT63 | 2011 | 3 | -84.11327 | 10.4118 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT63 | 2015 | 2 | -84.11327 | 10.4118 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMCAT64 | 1998 | 13 | -84.11367 | 10.40834 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT64 | 2003 | 4 | -84.11367 | 10.40834 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT64 | 2008 | 4 | -84.11367 | 10.40834 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT64 | 2011 | 4 | -84.11367 | 10.40834 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT64 | 2015 | 3 | -84.11367 | 10.40834 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMCAT65 | 1998 | 14 | -84.11229 | 10.41017 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT65 | 2003 | 5 | -84.11229 | 10.41017 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT65 | 2008 | 5 | -84.11229 | 10.41017 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT65 | 2011 | 5 | -84.11229 | 10.41017 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT65 | 2015 | 4 | -84.11229 | 10.41017 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMCAT66 | 1998 | 15 | -84.11147 | 10.41104 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT66 | 2003 | 6 | -84.11147 | 10.41104 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT66 | 2008 | 6 | -84.11147 | 10.41104 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT66 | 2011 | 6 | -84.11147 | 10.41104 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT67 | 1998 | 16 | -84.11235 | 10.40746 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT67 | 2003 | 7 | -84.11235 | 10.40746 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT67 | 2008 | 7 | -84.11235 | 10.40746 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT67 | 2011 | 7 | -84.11235 | 10.40746 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT68 | 1998 | 17 | -84.11127 | 10.40956 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT68 | 2003 | 8 | -84.11127 | 10.40956 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT68 | 2008 | 8 | -84.11127 | 10.40956 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT68 | 2011 | 8 | -84.11127 | 10.40956 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT68 | 2015 | 5 | -84.11127 | 10.40956 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMCAT69 | 1998 | 18 | -84.11005 | 10.41082 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCAT69 | 2003 | 9 | -84.11005 | 10.41082 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT69 | 2008 | 9 | -84.11005 | 10.41082 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCAT69 | 2011 | 9 | -84.11005 | 10.41082 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMCAT69 | 2015 | 6 | -84.11005 | 10.41082 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMCOD01 | 1997 | 10 | -84.184498 | 10.7062202 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD01 | 1998 | 19 | -84.184498 | 10.7062202 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD01 | 2006 | 11 | -84.184498 | 10.7062202 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD02 | 1997 | 11 | -84.1833423 | 10.7068145 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD02 | 1998 | 20 | -84.1833423 | 10.7068145 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD02 | 2006 | 12 | -84.1833423 | 10.7068145 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD03 | 1998 | 21 | -84.1858743 | 10.704494 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD03 | 2003 | 10 | -84.1858743 | 10.704494 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD03 | 2010 | 13 | -84.1858743 | 10.704494 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD04 | 1998 | 22 | -84.1855237 | 10.7027997 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD04 | 2003 | 11 | -84.1855237 | 10.7027997 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD04 | 2010 | 14 | -84.1855237 | 10.7027997 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD05 | 1997 | 12 | -84.186479 | 10.702875 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD05 | 1998 | 23 | -84.186479 | 10.702875 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD05 | 2003 | 12 | -84.186479 | 10.702875 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD05 | 2010 | 15 | -84.186479 | 10.702875 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD06 | 1997 | 13 | -84.1852608 | 10.7053578 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD06 | 1998 | 24 | -84.1852608 | 10.7053578 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD06 | 2003 | 13 | -84.1852608 | 10.7053578 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD06 | 2010 | 16 | -84.1852608 | 10.7053578 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD07 | 1997 | 14 | -84.1847934 | 10.7038217 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD07 | 1998 | 25 | -84.1847934 | 10.7038217 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD07 | 2003 | 14 | -84.1847934 | 10.7038217 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD07 | 2010 | 17 | -84.1847934 | 10.7038217 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD08 | 1997 | 15 | -84.1835362 | 10.7015494 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD08 | 1998 | 26 | -84.1835362 | 10.7015494 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD08 | 2003 | 15 | -84.1835362 | 10.7015494 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD08 | 2010 | 18 | -84.1835362 | 10.7015494 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD09 | 1997 | 16 | -84.1810739 | 10.703799 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD09 | 1998 | 27 | -84.1810739 | 10.703799 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD09 | 2003 | 16 | -84.1810739 | 10.703799 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD09 | 2010 | 19 | -84.1810739 | 10.703799 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD10 | 1997 | 17 | -84.1803599 | 10.7062808 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD10 | 1998 | 28 | -84.1803599 | 10.7062808 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD10 | 2003 | 17 | -84.1803599 | 10.7062808 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD10 | 2010 | 20 | -84.1803599 | 10.7062808 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD11 | 1997 | 18 | -84.1847964 | 10.7077442 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD11 | 1998 | 29 | -84.1847964 | 10.7077442 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD11 | 2003 | 18 | -84.1847964 | 10.7077442 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD11 | 2010 | 21 | -84.1847964 | 10.7077442 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD12 | 1998 | 30 | -84.14723 | 10.7532857 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD12 | 2003 | 19 | -84.14723 | 10.7532857 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD12 | 2010 | 22 | -84.1472301 | 10.7532857 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD13 | 1998 | 31 | -84.1497361 | 10.7523122 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD13 | 2003 | 20 | -84.1497361 | 10.7523122 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD13 | 2010 | 23 | -84.1497361 | 10.7523122 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD14 | 1998 | 32 | -84.1516433 | 10.7523594 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD14 | 2003 | 21 | -84.1516433 | 10.7523594 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD14 | 2010 | 24 | -84.1516434 | 10.7523594 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD15 | 1997 | 19 | -84.1469185 | 10.7545187 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD15 | 1998 | 33 | -84.1469185 | 10.7545187 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD15 | 2003 | 22 | -84.1469185 | 10.7545187 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD15 | 2010 | 25 | -84.1469185 | 10.7545187 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD16 | 1997 | 20 | -84.1486197 | 10.7544534 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD16 | 1998 | 34 | -84.1486197 | 10.7544534 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD16 | 2003 | 23 | -84.1486197 | 10.7544534 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD16 | 2010 | 26 | -84.1486197 | 10.7544534 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD17 | 1997 | 21 | -84.1497473 | 10.7543089 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD17 | 1998 | 35 | -84.1497473 | 10.7543089 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD17 | 2003 | 24 | -84.1497473 | 10.7543089 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD17 | 2010 | 27 | -84.1497473 | 10.7543089 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD18 | 1997 | 22 | -84.1510659 | 10.7543151 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD18 | 1998 | 36 | -84.1510659 | 10.7543151 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD18 | 2003 | 25 | -84.1510659 | 10.7543151 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD18 | 2010 | 28 | -84.1510659 | 10.7543151 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD19 | 1998 | 37 | -84.1471935 | 10.7562411 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD19 | 2003 | 26 | -84.1471935 | 10.7562411 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD19 | 2010 | 29 | -84.1471935 | 10.7562411 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD20 | 1997 | 23 | -84.1493054 | 10.7557099 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD20 | 1998 | 38 | -84.1493054 | 10.7557099 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD20 | 2003 | 27 | -84.1493054 | 10.7557099 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD20 | 2010 | 30 | -84.1493054 | 10.7557099 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD30 | 1997 | 24 | -84.2912521 | 10.5348612 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD30 | 1998 | 39 | -84.2912521 | 10.5348612 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD30 | 2003 | 28 | -84.2912521 | 10.5348612 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD30 | 2007 | 1 | -84.2912521 | 10.5348612 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD31 | 2009 | 34 | -84.4750898 | 10.610986 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMCOD32 | 1997 | 25 | -84.1692654 | 10.5473593 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD32 | 1998 | 40 | -84.1692654 | 10.5473593 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD32 | 2005 | 44 | -84.1692654 | 10.5473594 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMCOD33 | 1997 | 26 | -84.1645495 | 10.6420926 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD33 | 1998 | 41 | -84.1645495 | 10.6420926 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD33 | 2005 | 45 | -84.1645495 | 10.6420926 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMCOD34 | 1998 | 42 | -84.1874493 | 10.7189684 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD34 | 2003 | 29 | -84.1874493 | 10.7189684 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD34 | 2010 | 31 | -84.1874493 | 10.7189684 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD35 | 2010 | 32 | -84.1849103 | 10.7186354 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD36 | 1998 | 43 | -84.1859889 | 10.7200536 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD36 | 2010 | 33 | -84.1859889 | 10.7200536 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD37 | 1998 | 44 | -84.1824652 | 10.7193377 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD37 | 2003 | 30 | -84.1824652 | 10.7193377 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD37 | 2010 | 34 | -84.1824652 | 10.7193377 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD38 | 1998 | 45 | -84.1839951 | 10.720999 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD38 | 2003 | 31 | -84.1839951 | 10.720999 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD38 | 2010 | 35 | -84.1839951 | 10.720999 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD39 | 1998 | 46 | -84.1829844 | 10.7212813 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD39 | 2003 | 32 | -84.1829844 | 10.7212813 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD39 | 2010 | 36 | -84.1829844 | 10.7212813 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD40 | 1998 | 47 | -84.1823384 | 10.7229424 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD40 | 2003 | 33 | -84.1823384 | 10.7229424 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD40 | 2010 | 37 | -84.1823384 | 10.7229424 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD41 | 1998 | 48 | -84.1832676 | 10.7227938 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD41 | 2003 | 34 | -84.1832676 | 10.7227938 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD41 | 2010 | 38 | -84.1832676 | 10.7227938 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD42 | 1998 | 49 | -84.1838518 | 10.7240874 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD42 | 2003 | 35 | -84.1838518 | 10.7240874 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMCOD42 | 2010 | 39 | -84.1838519 | 10.7240874 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMCOD43 | 1998 | 50 | -84.1835307 | 10.7206436 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMCOD43 | 2004 | 5 | -84.1835307 | 10.7206436 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN01 | 1998 | 51 | -83.9944646 | 10.4440917 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN01 | 1999 | 1 | -83.9944646 | 10.4440917 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN01 | 2000 | 10 | -83.9944646 | 10.4440917 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN01 | 2003 | 36 | -83.9944646 | 10.4440917 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN01 | 2005 | 46 | -83.9944646 | 10.4440918 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN01 | 2008 | 10 | -83.9944646 | 10.4440917 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN01 | 2011 | 10 | -83.9944646 | 10.4440918 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMFUN01 | 2014 | 1 | -83.9944646 | 10.4440918 | 90 | square | VERDADERO | 0 | 49 | 04 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN02 | 1998 | 52 | -83.9903449 | 10.4464606 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN02 | 1999 | 2 | -83.9903449 | 10.4464606 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN02 | 2000 | 11 | -83.9903449 | 10.4464606 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN02 | 2003 | 37 | -83.9903449 | 10.4464606 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN02 | 2005 | 47 | -83.9903449 | 10.4464606 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN02 | 2008 | 11 | -83.9903449 | 10.4464606 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN02 | 2012 | 1 | -83.9903449 | 10.4464606 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN02 | 2014 | 2 | -83.9903449 | 10.4464606 | 90 | square | VERDADERO | 0 | 49 | 04 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN03 | 1998 | 53 | -83.9892488 | 10.4453846 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN03 | 1999 | 3 | -83.9892488 | 10.4453846 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN03 | 2000 | 12 | -83.9892488 | 10.4453846 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN03 | 2003 | 38 | -83.9892488 | 10.4453846 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN03 | 2005 | 48 | -83.9892488 | 10.4453846 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN03 | 2008 | 12 | -83.9892488 | 10.4453846 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN03 | 2012 | 2 | -83.9892488 | 10.4453846 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN03 | 2014 | 3 | -83.9892488 | 10.4453846 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN04 | 1998 | 54 | -83.987842 | 10.4460807 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN04 | 1999 | 4 | -83.987842 | 10.4460807 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN04 | 2000 | 13 | -83.987842 | 10.4460807 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN04 | 2003 | 39 | -83.987842 | 10.4460807 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN04 | 2005 | 49 | -83.987842 | 10.4460807 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN04 | 2008 | 13 | -83.987842 | 10.4460807 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN04 | 2012 | 3 | -83.987842 | 10.4460807 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN04 | 2014 | 4 | -83.987842 | 10.4460807 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN05 | 1998 | 55 | -83.9880614 | 10.4423737 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN05 | 1999 | 5 | -83.9880614 | 10.4423737 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN05 | 2000 | 14 | -83.9880614 | 10.4423737 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN05 | 2003 | 40 | -83.9880614 | 10.4423737 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN05 | 2005 | 50 | -83.9880614 | 10.4423737 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN05 | 2008 | 14 | -83.9880614 | 10.4423737 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN05 | 2011 | 11 | -83.9880614 | 10.4423737 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMFUN05 | 2014 | 5 | -83.9880614 | 10.4423737 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN06 | 1998 | 56 | -83.9824438 | 10.4417495 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN06 | 1999 | 6 | -83.9824438 | 10.4417495 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN06 | 2000 | 15 | -83.9824438 | 10.4417495 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN06 | 2003 | 41 | -83.9824438 | 10.4417495 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN06 | 2005 | 51 | -83.9824438 | 10.4417495 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN06 | 2008 | 15 | -83.9824438 | 10.4417495 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN06 | 2011 | 12 | -83.9824438 | 10.4417495 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMFUN06 | 2014 | 6 | -83.9824438 | 10.4417495 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN07 | 1998 | 57 | -84.1414133 | 10.248544 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN07 | 1999 | 7 | -84.1414133 | 10.248544 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN07 | 2000 | 16 | -84.1414133 | 10.248544 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN07 | 2003 | 42 | -84.1414133 | 10.248544 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN07 | 2006 | 13 | -84.1414133 | 10.248544 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN07 | 2009 | 35 | -84.1414133 | 10.248544 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMFUN07 | 2012 | 4 | -84.1414133 | 10.248544 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN07 | 2015 | 7 | -84.1414133 | 10.248544 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN08 | 1998 | 58 | -83.9780137 | 10.4418668 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN08 | 1999 | 8 | -83.9780137 | 10.4418668 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN08 | 2000 | 17 | -83.9780137 | 10.4418668 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN08 | 2003 | 43 | -83.9780137 | 10.4418668 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN08 | 2005 | 52 | -83.9780137 | 10.4418668 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN08 | 2008 | 16 | -83.9780137 | 10.4418668 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN08 | 2011 | 13 | -83.9780137 | 10.4418668 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMFUN08 | 2014 | 7 | -83.9780137 | 10.4418668 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN09 | 1998 | 59 | -83.9945468 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN09 | 1999 | 9 | -83.9945468 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN09 | 2000 | 18 | -83.9945468 | 10.4399778 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN09 | 2003 | 44 | -83.9945468 | 10.4399778 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN09 | 2005 | 53 | -83.9945468 | 10.4399778 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN09 | 2008 | 17 | -83.9945468 | 10.4399778 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN09 | 2011 | 14 | -83.9945468 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMFUN09 | 2014 | 8 | -83.9945468 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN10 | 1998 | 60 | -83.9921263 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN10 | 1999 | 10 | -83.9921263 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN10 | 2000 | 19 | -83.9921263 | 10.4399778 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN10 | 2003 | 45 | -83.9921263 | 10.4399778 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN10 | 2005 | 54 | -83.9921263 | 10.4399778 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN10 | 2008 | 18 | -83.9921263 | 10.4399778 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN10 | 2011 | 15 | -83.9921263 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMFUN10 | 2014 | 9 | -83.9921263 | 10.4399778 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN11 | 1998 | 61 | -83.9807997 | 10.4404113 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN11 | 1999 | 11 | -83.9807997 | 10.4404113 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN11 | 2000 | 20 | -83.9807997 | 10.4404113 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN11 | 2003 | 46 | -83.9807997 | 10.4404113 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN11 | 2005 | 55 | -83.9807997 | 10.4404113 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN11 | 2008 | 19 | -83.9807997 | 10.4404113 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN11 | 2012 | 5 | -83.9807997 | 10.4404113 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN11 | 2014 | 10 | -83.9807997 | 10.4404113 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN12 | 1998 | 62 | -83.9810739 | 10.4377621 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN12 | 1999 | 12 | -83.9810739 | 10.4377621 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN12 | 2000 | 21 | -83.9810739 | 10.4377621 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN12 | 2003 | 47 | -83.9810739 | 10.4377621 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN12 | 2005 | 56 | -83.9810739 | 10.4377621 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN12 | 2008 | 20 | -83.9810739 | 10.4377621 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN12 | 2012 | 6 | -83.9810739 | 10.4377621 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN12 | 2014 | 11 | -83.9810739 | 10.4377621 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN13 | 1998 | 63 | -83.9974881 | 10.4380972 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN13 | 1999 | 13 | -83.9974881 | 10.4380972 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN13 | 2000 | 22 | -83.9974881 | 10.4380972 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN13 | 2003 | 48 | -83.9974881 | 10.4380972 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN13 | 2005 | 57 | -83.9974881 | 10.4380972 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 85.7142 | 0 | 14.285714 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN13 | 2008 | 21 | -83.9974881 | 10.4380972 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN13 | 2011 | 16 | -83.9974881 | 10.4380972 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMFUN13 | 2014 | 12 | -83.9974881 | 10.4380972 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMFUN14 | 1997 | 27 | -84.0894016 | 10.4236091 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1997 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN14 | 1998 | 64 | -84.0894016 | 10.4236091 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN14 | 2000 | 23 | -84.0894016 | 10.4236091 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN14 | 2003 | 49 | -84.0894016 | 10.4236091 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN14 | 2006 | 14 | -84.0894016 | 10.4236091 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN14 | 2009 | 36 | -84.0894016 | 10.4236091 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMFUN14 | 2012 | 7 | -84.0894016 | 10.4236091 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN14 | 2015 | 8 | -84.0894016 | 10.4236091 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN15 | 1999 | 14 | -83.8115497 | 10.1185907 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN15 | 2001 | 1 | -83.8115497 | 10.1185907 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN15 | 2005 | 58 | -83.8115498 | 10.1185907 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN15 | 2008 | 22 | -83.8115497 | 10.1185907 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN15 | 2012 | 8 | -83.8115498 | 10.1185907 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN15 | 2015 | 9 | -83.8115498 | 10.1185907 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN16 | 1999 | 15 | -83.9920821 | 10.3801583 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN16 | 2000 | 24 | -83.9920821 | 10.3801583 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN16 | 2003 | 50 | -83.9920821 | 10.3801583 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN16 | 2007 | 2 | -83.9920821 | 10.3801583 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN16 | 2010 | 40 | -83.9920821 | 10.3801583 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMFUN16 | 2013 | 61 | -83.9920821 | 10.3801583 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMFUN16 | 2016 | 1 | -83.9920821 | 10.3801583 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMFUN17 | 1999 | 16 | -83.9973425 | 10.3739377 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN17 | 2000 | 25 | -83.9973425 | 10.3739377 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN17 | 2003 | 51 | -83.9973425 | 10.3739377 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN17 | 2007 | 3 | -83.9973425 | 10.3739377 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN17 | 2010 | 41 | -83.9973425 | 10.3739377 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMFUN17 | 2013 | 62 | -83.9973425 | 10.3739377 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMFUN17 | 2016 | 2 | -83.9973425 | 10.3739377 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMFUN18 | 1999 | 17 | -84.0003927 | 10.3694169 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN18 | 2000 | 26 | -84.0003927 | 10.3694169 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN18 | 2003 | 52 | -84.0003927 | 10.3694169 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN18 | 2007 | 4 | -84.0003927 | 10.3694169 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN18 | 2010 | 42 | -84.0003927 | 10.3694169 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMFUN18 | 2013 | 63 | -84.0003927 | 10.3694169 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMFUN18 | 2016 | 3 | -84.0003927 | 10.3694169 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMFUN19 | 1999 | 18 | -83.993379 | 10.3743265 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN19 | 2000 | 27 | -83.993379 | 10.3743265 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN19 | 2003 | 53 | -83.993379 | 10.3743265 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN19 | 2007 | 5 | -83.993379 | 10.3743265 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN19 | 2010 | 43 | -83.993379 | 10.3743265 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMFUN19 | 2013 | 64 | -83.993379 | 10.3743265 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMFUN19 | 2016 | 4 | -83.993379 | 10.3743265 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMFUN20 | 1999 | 19 | -84.1531549 | 10.2337916 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN20 | 2002 | 37 | -84.1531549 | 10.2337916 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN20 | 2005 | 59 | -84.1531549 | 10.2337917 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN20 | 2008 | 23 | -84.1531549 | 10.2337916 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN20 | 2012 | 9 | -84.1531549 | 10.2337917 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN20 | 2015 | 10 | -84.1531549 | 10.2337917 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN21 | 1999 | 20 | -84.1525351 | 10.2357902 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN21 | 2002 | 38 | -84.1525351 | 10.2357902 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN21 | 2005 | 60 | -84.1525351 | 10.2357902 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN21 | 2008 | 24 | -84.1525351 | 10.2357902 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN21 | 2012 | 10 | -84.1525351 | 10.2357902 | 90 | square | FALSO | 1 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN21 | 2015 | 11 | -84.1525351 | 10.2357902 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN22 | 2012 | 11 | -84.0766545 | 10.475683 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN22 | 2015 | 12 | -84.0766545 | 10.475683 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN23 | 2012 | 12 | -84.0744535 | 10.4784141 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN23 | 2015 | 13 | -84.0744535 | 10.4784141 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN24 | 2012 | 13 | -84.0746723 | 10.4766057 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN24 | 2015 | 14 | -84.0746723 | 10.4766057 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN25 | 2012 | 14 | -84.0737307 | 10.4735951 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN25 | 2015 | 15 | -84.0737307 | 10.4735951 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN26 | 1998 | 65 | -84.0104924 | 10.6253026 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN26 | 1999 | 21 | -84.0104924 | 10.6253026 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN26 | 2000 | 28 | -84.0104924 | 10.6253026 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN26 | 2003 | 54 | -84.0104924 | 10.6253026 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN26 | 2008 | 25 | -84.0104924 | 10.6253026 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN26 | 2012 | 15 | -84.0104924 | 10.6253026 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN26 | 2015 | 16 | -84.0104924 | 10.6253026 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN27 | 1998 | 66 | -84.0078509 | 10.621668 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN27 | 1999 | 22 | -84.0078509 | 10.621668 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN27 | 2000 | 29 | -84.0078509 | 10.621668 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN27 | 2008 | 26 | -84.0078509 | 10.621668 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN27 | 2012 | 16 | -84.0078509 | 10.621668 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN27 | 2015 | 17 | -84.0078509 | 10.621668 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN28 | 1998 | 67 | -84.0365753 | 10.5320644 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN28 | 1999 | 23 | -84.0365753 | 10.5320644 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN28 | 2000 | 30 | -84.0365753 | 10.5320644 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN28 | 2003 | 55 | -84.0365753 | 10.5320644 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN28 | 2005 | 61 | -84.0365753 | 10.5320644 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN28 | 2008 | 27 | -84.0365753 | 10.5320644 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN28 | 2012 | 17 | -84.0365753 | 10.5320644 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN28 | 2015 | 18 | -84.0365753 | 10.5320644 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN29 | 1998 | 68 | -84.0343368 | 10.5321369 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN29 | 1999 | 24 | -84.0343368 | 10.5321369 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN29 | 2000 | 31 | -84.0343368 | 10.5321369 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN29 | 2003 | 56 | -84.0343368 | 10.5321369 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN29 | 2005 | 62 | -84.0343368 | 10.5321369 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMFUN29 | 2008 | 28 | -84.0343368 | 10.5321369 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN29 | 2012 | 18 | -84.0343368 | 10.5321369 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN29 | 2015 | 19 | -84.0343368 | 10.5321369 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN30 | 1998 | 69 | -84.0370599 | 10.5343066 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN30 | 1999 | 25 | -84.0370599 | 10.5343066 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN30 | 2000 | 32 | -84.0370599 | 10.5343066 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN30 | 2003 | 57 | -84.0370599 | 10.5343066 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN30 | 2005 | 63 | -84.0370599 | 10.5343066 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 0 | 100 | carta 2005. Escala 1:5000 |
| PPMFUN30 | 2008 | 29 | -84.0370599 | 10.5343066 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN30 | 2012 | 19 | -84.0370599 | 10.5343066 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN30 | 2015 | 20 | -84.0370599 | 10.5343066 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN31 | 1998 | 70 | -84.0829444 | 10.3211238 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN31 | 1999 | 26 | -84.0829444 | 10.3211238 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN31 | 2001 | 2 | -84.0829444 | 10.3211238 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN31 | 2008 | 30 | -84.0829444 | 10.3211238 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMFUN31 | 2012 | 20 | -84.0829445 | 10.3211238 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMFUN31 | 2015 | 21 | -84.0829445 | 10.3211238 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMFUN32 | 1998 | 71 | -84.0798128 | 10.3221734 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN32 | 1999 | 27 | -84.0798128 | 10.3221734 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN32 | 2016 | 5 | -84.0798128 | 10.3221734 | 90 | square | VERDADERO | 0 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMFUN33 | 1998 | 72 | -84.0823611 | 10.3249666 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN33 | 1999 | 28 | -84.0823611 | 10.3249666 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN33 | 2016 | 6 | -84.0823611 | 10.3249666 | 90 | square | VERDADERO | 0 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMFUN34 | 1998 | 73 | -84.0847538 | 10.3265845 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN34 | 1999 | 29 | -84.0847538 | 10.3265845 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1999 | 0 | 0 | 0 | 0 | 0 |  |
| PPMFUN34 | 2016 | 7 | -84.0847538 | 10.3265845 | 90 | square | VERDADERO | 0 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET01 | 2003 | 58 | -84.020065 | 10.41687 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET01 | 2004 | 6 | -84.020065 | 10.41687 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET01 | 2005 | 64 | -84.020065 | 10.41687 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMOET01 | 2006 | 15 | -84.020065 | 10.41687 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET01 | 2007 | 6 | -84.020065 | 10.41687 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET01 | 2008 | 31 | -84.020065 | 10.41687 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET01 | 2010 | 44 | -84.020065 | 10.41687 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET01 | 2011 | 17 | -84.020065 | 10.41687 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET01 | 2012 | 21 | -84.020065 | 10.41687 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET01 | 2013 | 65 | -84.020065 | 10.41687 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET01 | 2014 | 13 | -84.020065 | 10.41687 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET01 | 2015 | 22 | -84.020065 | 10.41687 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET01 | 2016 | 8 | -84.020065 | 10.41687 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET01 | 2017 | 1 | -84.020065 | 10.41687 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET02 | 2004 | 7 | -84.047646 | 10.316046 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET02 | 2005 | 65 | -84.047646 | 10.316046 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMOET02 | 2006 | 16 | -84.047646 | 10.316046 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET02 | 2007 | 7 | -84.047646 | 10.316046 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET02 | 2008 | 32 | -84.047646 | 10.316046 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET02 | 2009 | 37 | -84.047646 | 10.316046 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMOET02 | 2010 | 45 | -84.047646 | 10.316046 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET02 | 2011 | 18 | -84.047646 | 10.316046 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET02 | 2012 | 22 | -84.047646 | 10.316046 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET02 | 2013 | 66 | -84.047646 | 10.316046 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET02 | 2014 | 14 | -84.047646 | 10.316046 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET02 | 2016 | 9 | -84.047646 | 10.316046 | 90 | square | VERDADERO | 0 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET02 | 2017 | 1 | -84.047646 | 10.316046 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET03 | 2006 | 17 | -84.057231 | 10.344714 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET03 | 2007 | 8 | -84.057231 | 10.344714 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET03 | 2008 | 33 | -84.057231 | 10.344714 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET03 | 2010 | 46 | -84.057231 | 10.344714 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET03 | 2011 | 19 | -84.057231 | 10.344714 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET03 | 2012 | 23 | -84.057231 | 10.344714 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET03 | 2013 | 67 | -84.057231 | 10.344714 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET03 | 2014 | 15 | -84.057231 | 10.344714 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET03 | 2015 | 23 | -84.057231 | 10.344714 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET03 | 2016 | 10 | -84.057231 | 10.344714 | 90 | square | VERDADERO | 0 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET03 | 2017 | 2 | -84.057231 | 10.344714 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET04 | 2006 | 18 | -84.106477 | 10.181653 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET04 | 2007 | 9 | -84.106477 | 10.181653 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET04 | 2008 | 34 | -84.106477 | 10.181653 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET04 | 2010 | 47 | -84.106477 | 10.181653 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET04 | 2011 | 20 | -84.106477 | 10.181653 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET04 | 2012 | 24 | -84.106477 | 10.181653 | 90 | square | FALSO | 1 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET04 | 2013 | 68 | -84.106477 | 10.181653 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET04 | 2014 | 16 | -84.106477 | 10.181653 | 90 | square | FALSO | 1 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET04 | 2015 | 24 | -84.106477 | 10.181653 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET04 | 2016 | 11 | -84.106477 | 10.181653 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET04 | 2017 | 3 | -84.106477 | 10.181653 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET05 | 2008 | 35 | -84.106898 | 10.134785 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET05 | 2010 | 48 | -84.106898 | 10.134785 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET05 | 2011 | 21 | -84.106898 | 10.134785 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET05 | 2012 | 25 | -84.106898 | 10.134785 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET05 | 2013 | 69 | -84.106898 | 10.134785 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET05 | 2014 | 17 | -84.106898 | 10.134785 | 90 | square | FALSO | 1 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET05 | 2015 | 25 | -84.106898 | 10.134785 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET05 | 2016 | 12 | -84.106898 | 10.134785 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET05 | 2017 | 4 | -84.106898 | 10.134785 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET06 | 2008 | 36 | -84.054405 | 10.267593 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMOET06 | 2010 | 49 | -84.054405 | 10.267593 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET06 | 2011 | 22 | -84.054405 | 10.267593 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET06 | 2012 | 26 | -84.054405 | 10.267593 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET06 | 2013 | 70 | -84.054405 | 10.267593 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET06 | 2014 | 18 | -84.054405 | 10.267593 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET06 | 2015 | 26 | -84.054405 | 10.267593 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET06 | 2016 | 13 | -84.054405 | 10.267593 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET06 | 2017 | 5 | -84.054405 | 10.267593 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET07 | 2010 | 50 | -84.085003 | 10.240343 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET07 | 2011 | 23 | -84.085003 | 10.240343 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET07 | 2012 | 27 | -84.085003 | 10.240343 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET07 | 2013 | 71 | -84.085003 | 10.240343 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET07 | 2014 | 19 | -84.085003 | 10.240343 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET07 | 2015 | 27 | -84.085003 | 10.240343 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET07 | 2016 | 14 | -84.085003 | 10.240343 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET07 | 2017 | 6 | -84.085003 | 10.240343 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET08 | 2010 | 51 | -84.009858 | 10.432142 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET08 | 2011 | 24 | -84.009858 | 10.432142 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET08 | 2012 | 28 | -84.009858 | 10.432142 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET08 | 2013 | 72 | -84.009858 | 10.432142 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET08 | 2014 | 20 | -84.009858 | 10.432142 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET08 | 2015 | 28 | -84.009858 | 10.432142 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET08 | 2016 | 15 | -84.009858 | 10.432142 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET09 | 2011 | 25 | -84.108596 | 10.164949 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET09 | 2012 | 29 | -84.108596 | 10.164949 | 90 | square | FALSO | 1 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET09 | 2013 | 73 | -84.108596 | 10.164949 | 90 | square | FALSO | 1 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET09 | 2014 | 21 | -84.108596 | 10.164949 | 90 | square | FALSO | 1 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET09 | 2015 | 29 | -84.108596 | 10.164949 | 90 | square | FALSO | 1 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET09 | 2016 | 16 | -84.108596 | 10.164949 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET09 | 2017 | 7 | -84.108596 | 10.164949 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET10 | 2010 | 52 | -84.037523 | 10.403176 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMOET10 | 2011 | 26 | -84.037523 | 10.403176 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMOET10 | 2012 | 30 | -84.037523 | 10.403176 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMOET10 | 2013 | 74 | -84.037523 | 10.403176 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMOET10 | 2014 | 22 | -84.037523 | 10.403176 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMOET10 | 2015 | 30 | -84.037523 | 10.403176 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMOET10 | 2016 | 17 | -84.037523 | 10.403176 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMOET10 | 2017 | 8 | -84.037523 | 10.403176 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMUNA01 | 2004 | 8 | -83.63309 | 10.22239 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA01 | 2010 | 53 | -83.63309 | 10.22239 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA01 | 2017 | 9 | -83.63309 | 10.22239 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMUNA02 | 2004 | 9 | -83.82625 | 10.12181 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA02 | 2010 | 54 | -83.82625 | 10.12181 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA02 | 2016 | 18 | -83.82625 | 10.12181 | 90 | square | VERDADERO | 0 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMUNA03 | 2004 | 10 | -83.7908 | 10.12682 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA03 | 2010 | 55 | -83.7908 | 10.12682 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA04 | 2009 | 38 | -84.79363 | 10.29906 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMUNA04 | 2012 | 31 | -84.79363 | 10.29906 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMUNA06 | 2009 | 39 | -84.78137 | 10.28807 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMUNA06 | 2014 | 23 | -84.78137 | 10.28807 | 90 | square | VERDADERO | 0 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMUNA07 | 2010 | 56 | -84.78164 | 10.304 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA08 | 2008 | 37 | -84.71934 | 10.30728 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA08 | 2012 | 32 | -84.71934 | 10.30728 | 90 | square | VERDADERO | 0 | 49 | 6 Relac.Densid.Dosel-Biomasa 2012 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2012 |
| PPMUNA09 | 2008 | 38 | -84.73427 | 10.30266 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA09 | 2013 | 75 | -84.73427 | 10.30266 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMUNA10 | 2009 | 40 | -84.76747 | 10.32747 | 90 | square | VERDADERO | 0 | 49 | 10 Relac.Densid.Dosel-Biomasa 2009 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2009 |
| PPMUNA10 | 2015 | 31 | -84.76747 | 10.32747 | 90 | square | VERDADERO | 0 | 49 | 03 Relac.Densid.Dosel-Biomasa 2015 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2015 |
| PPMUNA13 | 1999 | 30 | -85.5614 | 10.99117 | 90 | square | FALSO | 1 | 49 | CED\_TERRA97 1999 | 100 | 0 | 0 | 100 | 0 | T10L52F026 |
| PPMUNA13 | 2002 | 39 | -85.5614 | 10.99117 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA13 | 2008 | 39 | -85.5614 | 10.99117 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA13 | 2014 | 24 | -85.5614 | 10.99117 | 90 | square | FALSO | 1 | 49 | 4 Relac.Densid.Dosel-Biomasa 2014 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2014 |
| PPMUNA13 | 2016 | 19 | -85.5614 | 10.99117 | 90 | square | VERDADERO | 0 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMUNA14 | 2004 | 11 | -83.4718739 | 10.3175413 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA14 | 2011 | 27 | -83.4718739 | 10.3175413 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA15 | 2004 | 12 | -84.38105 | 9.69664 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA15 | 2011 | 28 | -84.38105 | 9.69664 | 90 | square | FALSO | 1 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA16 | 2004 | 13 | -84.37742 | 9.69064 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA16 | 2011 | 29 | -84.37742 | 9.69064 | 90 | square | FALSO | 1 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA16 | 2017 | 10 | -84.37742 | 9.69064 | 90 | square | FALSO | 1 | 49 | 01 Relac.Densid.Dosel-Biomasa 2017 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |
| PPMUNA18 | 1998 | 74 | -83.37079 | 8.77387 | 90 | square | FALSO | 1 | 49 | CED\_TERRA97 1998 | 100 | 0 | 0 | 100 | 0 | T15L14F009 |
| PPMUNA18 | 2002 | 40 | -83.3217 | 8.77528 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA18 | 2005 | 66 | -83.3217 | 8.77528 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA18 | 2007 | 10 | -83.3217 | 8.77528 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA18 | 2010 | 57 | -83.3217 | 8.77528 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA19 | 1998 | 75 | -83.37079 | 8.77387 | 90 | square | FALSO | 1 | 49 | CED\_TERRA97 1998 | 100 | 0 | 0 | 100 | 0 | T15L14F007 |
| PPMUNA19 | 2002 | 41 | -83.37079 | 8.77387 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA19 | 2005 | 67 | -83.37079 | 8.77387 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA19 | 2007 | 11 | -83.37079 | 8.77387 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA19 | 2010 | 58 | -83.37079 | 8.77387 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA20 | 1998 | 76 | -83.3721 | 8.76886 | 90 | square | FALSO | 1 | 49 | CED\_TERRA97 1998 | 100 | 0 | 0 | 0 | 100 | T15L14F007 |
| PPMUNA20 | 2002 | 42 | -83.3721 | 8.76886 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA20 | 2005 | 68 | -83.3721 | 8.76886 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA20 | 2007 | 12 | -83.3721 | 8.76886 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA20 | 2010 | 59 | -83.3721 | 8.76886 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA21 | 1998 | 77 | -83.37343 | 8.77405 | 90 | square | FALSO | 1 | 49 | CED\_TERRA97 1998 | 100 | 0 | 0 | 100 | 0 | T15L14F007 |
| PPMUNA21 | 2002 | 43 | -83.37343 | 8.77405 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA21 | 2005 | 69 | -83.37343 | 8.77405 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 100 | 0 | 0 | 100 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA21 | 2007 | 13 | -83.37343 | 8.77405 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA21 | 2010 | 60 | -83.37343 | 8.77405 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA22 | 2003 | 59 | -83.48955 | 8.60078 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA22 | 2005 | 70 | -83.48955 | 8.60078 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA22 | 2007 | 14 | -83.48955 | 8.60078 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA22 | 2011 | 30 | -83.48955 | 8.60078 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA23 | 2003 | 60 | -83.49128 | 8.60078 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA23 | 2005 | 71 | -83.49128 | 8.60078 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA23 | 2007 | 15 | -83.49128 | 8.60078 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA23 | 2011 | 31 | -83.49128 | 8.60078 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA24 | 2003 | 61 | -83.48999 | 8.59886 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA24 | 2005 | 72 | -83.48999 | 8.59886 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA24 | 2007 | 16 | -83.48999 | 8.59886 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA24 | 2011 | 32 | -83.48999 | 8.59886 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA25 | 2003 | 62 | -83.49129 | 8.59896 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA25 | 2005 | 73 | -83.49129 | 8.59896 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2005 | 0 | 0 | 0 | 0 | 0 | carta 2005. Escala 1:5000 |
| PPMUNA25 | 2007 | 17 | -83.49129 | 8.59896 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA25 | 2011 | 33 | -83.49129 | 8.59896 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA26 | 1998 | 78 | -83.5745302 | 8.7314957 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMUNA26 | 2003 | 63 | -83.5745302 | 8.7314957 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA26 | 2006 | 19 | -83.5745302 | 8.7314957 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA26 | 2008 | 40 | -83.5745302 | 8.7314957 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA26 | 2011 | 34 | -83.5745302 | 8.7314957 | 90 | square | VERDADERO | 0 | 49 | 7 Relac.Densid.Dosel-Biomasa 2011 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2011 |
| PPMUNA27 | 1998 | 79 | -83.5760372 | 8.73197985 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMUNA27 | 2003 | 64 | -83.5760372 | 8.73197985 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA27 | 2004 | 14 | -83.5760372 | 8.73197985 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA27 | 2006 | 20 | -83.5760372 | 8.73197985 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA27 | 2008 | 41 | -83.5760372 | 8.73197985 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA28 | 1998 | 80 | -83.5808895 | 8.73242848 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMUNA28 | 2003 | 65 | -83.5808895 | 8.73242848 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA28 | 2004 | 15 | -83.5808895 | 8.73242848 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA28 | 2006 | 21 | -83.5808895 | 8.73242848 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA28 | 2008 | 42 | -83.5808895 | 8.73242848 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA29 | 1998 | 81 | -83.5774239 | 8.73311978 | 90 | square | VERDADERO | 0 | 49 | CED\_TERRA97 1998 | 0 | 0 | 0 | 0 | 0 |  |
| PPMUNA29 | 2003 | 66 | -83.5774239 | 8.73311978 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA29 | 2004 | 16 | -83.5774239 | 8.73311978 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA29 | 2006 | 22 | -83.5774239 | 8.73311978 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA29 | 2008 | 43 | -83.5774239 | 8.73311978 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA60 | 2008 | 44 | -82.86691 | 9.66128 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA61 | 2008 | 45 | -82.85075 | 9.69723 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA61 | 2010 | 61 | -82.85075 | 9.69723 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA62 | 2008 | 46 | -82.85501 | 9.69551 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA62 | 2010 | 62 | -82.85501 | 9.69551 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA63 | 2008 | 47 | -82.85681 | 9.69358 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA63 | 2010 | 63 | -82.85681 | 9.69358 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA64 | 2008 | 48 | -82.8659659 | 9.70767107 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA64 | 2010 | 64 | -82.8659659 | 9.70767108 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA65 | 2008 | 49 | -82.90357 | 9.71025 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA65 | 2010 | 65 | -82.90357 | 9.71025 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA66 | 2008 | 50 | -82.9236407 | 9.71291233 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA66 | 2010 | 66 | -82.9236407 | 9.71291233 | 90 | square | FALSO | 1 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA67 | 2008 | 51 | -82.9243282 | 9.72030352 |  |  |  |  |  | No hay imágenes disponibles | | |  |  |  |  |
| PPMUNA67 | 2010 | 67 | -82.9243282 | 9.72030352 | 90 | square | VERDADERO | 0 | 49 | 8 Relac.Densid.Dosel-Biomasa 2010 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2010 |
| PPMUNA72 | 2013 | 76 | -83.75881 | 10.58314 | 90 | square | VERDADERO | 0 | 49 | 5 Relac.Densid.Dosel-Biomasa 2013 | 0 | 0 | 0 | 0 | 0 | DigitalGlobeWMSImagery 2013 |
| PPMUNA75 | 2016 | 20 | -84.7706194 | 10.2967095 | 90 | square | FALSO | 1 | 49 | 02 Relac.Densid.Dosel-Biomasa 2016 | 100 | 0 | 0 | 100 | 0 | DigitalGlobeWMSImagery 2016 |

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1. La base de datos de la UNA incluye la información del TEC, INISEFOR y de la CCT [↑](#footnote-ref-1)
2. http://216.218.226.138/home Collect Earth Online es un sistema de interpretación y visualización de imágenes satelitales de alta resolución, de código abierto y desarrollado a medida, desarrollado por SERVIR como una herramienta para usar en proyectos que requieren cobertura terrestre y/o datos de referencia de uso del suelo. Collect Earth Online promueve la coherencia en la localización, interpretación y etiquetado de los diagramas de datos de referencia para su uso en la clasificación y el seguimiento de la cobertura de la tierra/cambio de uso de la tierra. La funcionalidad completa de Collect Earth Online, incluida la compilación colaborativa de bases de datos de puntos de referencia, se implementa en línea, por lo que no es necesario instalar el escritorio. La base del código Collect Earth Online se ha compartido con la Iniciativa Open Foris de la Organización de las Naciones Unidas para la Alimentación y la Agricultura. Los usuarios pueden analizar imágenes satelitales de alta y muy alta resolución para una amplia variedad de propósitos. [↑](#footnote-ref-2)
3. Servicio WMS: http://geos0.snitcr.go.cr/cgi-bin/web?map=ortofoto.map&SERVICE=WMS&version=1.1.1&request=GetCapabilities [↑](#footnote-ref-3)
4. Al menos un porcentaje considerable de las parcelas de FUNDECOR y CODEFORSA están bajo planes de manejo y aprovechamientos forestales policíclicos. [↑](#footnote-ref-4)
5. Malla base conformada por 10,168 puntos distribuidos sistemáticamente a través del territorio incluida en la propuesta de Sistema nacional de monitoreo de la cobertura y uso de la tierra y ecosistemas ([SIMOCUTE](https://www.dropbox.com/s/zzs28va2a41p11z/PROPUESTA%20SIMOCUTE.pdf?dl=0)). [↑](#footnote-ref-5)