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**CORRECCION
ATMOSFERICA
DE DATOS RAPID EYE
PARA CENTROAMERICA Y
REPUBLICA DOMINICANA**

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Referencia del documento

Campos, C. A.; Alvarado, A.; Vargas, G.; Brenes, E.; Calvo, S.; Ortega, M.; Aguilar, H.; Solano, M.; Jiménez, K.; Mora, R. 2012. Informe de Consultoría: Corrección atmosférica de datos Rapid Eye, para la identificación de tipos en Centro América y República Dominicana. Centro Nacional de Alta Tecnología, San José, CR. 79 p.

Abreviaturas:

BIL: *Band Interleaved by Line.*

BIP: *Band Interleaved by Pixel.*

BMZ: *Federal Ministry of Economic Cooperation and Development.*

BSQ: *Band Sequential.*

CCAD: *Comisión Centroamericana de Ambiente y Desarrollo.*

DVI: *Difference Vegetation Index.*

ENVI: *Environment for Visualizing Images.*

FLAASH: *Fast Line-of-sight Atmospheric Analysis of Spectral Hypercubes.*

GIZ: *Gesellschaft für Internationale Zusammenarbeit.*

IDL: *Interactive Data Language*

LOWMODTRAN: *Low Moderate Resolution Atmospheric Radiance and Transmittance Model.*

MODTRAN: *Moderate Resolution Atmospheric Radiance and Transmittance Model.*

MSAVI: *Modified soil adjusted vegetation index.*

ND: *Nivel Digital.*

NDVI: *Normalized Difference Vegetation Index.*

RAD: *Radiance.*

REDD: *Reducción de Emisiones producidas por la Deforestación y la Degradación.*

REF: *Reflectance.*

ROIs: *Region of Interest.*

SAVI: *Soil adjusted vegetation index.*

SICA: *Sistema de la Integración Centroamericana.*

Antecedentes

Bajo el marco del programa REDD de la Comisión Centroamericana de Ambiente y Desarrollo (CCAD), órgano ambiental del Sistema de la Integración Centroamericana (SICA) y la Sociedad Alemana de Cooperación Internacional (GIZ), financiada por el Gobierno de la República Federal de Alemania, a través del Ministerio Federal de Cooperación Económica y Desarrollo (BMZ). El cual pretende implementar mecanismos de compensación para la reducción de emisiones de CO₂ provenientes de la deforestación y degradación de bosques en los países miembros de la CCAD.

A nivel regional se apoyan los procesos entre los países para desarrollar posiciones y enfoques conjuntos para REDD, donde una de las iniciativas es la identificación de tipos de bosque en el marco de los inventarios nacionales forestales por lo que el Programa Regional REDD-CCAD/GIZ adquirió una cobertura total de datos Rapid Eye para la región, los cuales fueron corregidos atmosféricamente por el Centro Nacional de Alta Tecnología (CeNAT).

El CeNAT es un espacio interuniversitario de encuentro entre la academia, el Gobierno y los sectores productivos de Costa Rica en diferentes campos de alta tecnología prioritarios de desarrollo científico-tecnológico, determinando el compromiso de las Instituciones de educación superior estatales al servicio de grandes aspiraciones en el campo de la investigación y de la tecnología.

Necesidad de Corregir atmosféricamente

En numerosos estudios las imágenes satelitales han contribuido a caracterizar y monitorear el recurso bosque a través del cálculo de medidas relacionadas a abundancia y estado de salud vegetal (Iverson *et al.* 1989, Purevdorj *et al.* 1998). No obstante, previo a la realización de estos cálculos los valores de radiancia de las diferentes bandas que componen a una imagen requieren necesariamente de la aplicación de una serie de procedimientos de corrección, en especial si se desea estimar alguna propiedad con un sentido físico preciso, como es el caso de la fracción de cobertura vegetal (VCF, *vegetation cover fraction*), o relacionar cuantitativamente una estimación con la fisiología de la vegetación, como ocurre con el índice de vegetación de diferencia normalizada (NDVI, *normalized difference vegetation index*) (Peña, 2007).

La corrección de las imágenes para eliminar el efecto de la atmósfera resulta ser indispensable (ver anexos) a la hora de procesar y analizar imágenes, por ejemplo la investigación llevada a cabo por Saleska *et al.* (2007) utilizando imágenes satelitales de MODIS Terra del 2005, determinó que durante este año una sequía que afectó la zona central y sur de la amazonia, provocó un aumento en el verdor observado en la masa utilizando el "enhanced vegetation index" (EVI) o índice de vegetación mejorado, obtenido del mismo sensor Modis. Sin embargo Samanta *et al.* (2010) reportan que estos resultados se vieron perjudicados por datos con alteraciones atmosféricas, ya que la época seca produce un aumento de aerosoles en la atmósfera y al trabajar las mismas imágenes corrigiendo atmosféricamente, los resultados no mostraron aumento en el "verdor" al contrario se encontró una afectación en casi el 60% de la masa boscosa debido a la sequía.

El artículo de Hadjimitsis *et al.* (2010) demostró que la no corrección atmosférica de 10 imágenes satelitales de Landsat TM/ETM+ afectó el cálculo de los índices de DVI, NDVI, SAVI y MSAVI en plantaciones agrícolas, lo cual puede inducir a errores en la toma de decisiones y recomienda para el futuro no utilizar imágenes sin corrección atmosférica para el análisis de NDVI ya que este es de gran importancia para describir el patrón de crecimiento,

evapotranspiración, monitoreo, manejo de plantaciones y producción, y en el estudio este índice varió hasta en un 18% debido a la corrección atmosférica.

Otros artículos analizan la importancia de utilizar la corrección atmosférica como Tyagi y Bhosle (2011) utilizando imágenes Landsat con 7 bandas multiespectrales encontraron tanto diferencias visuales como estadísticas así como en el NDVI, en el cual al aplicar la corrección atmosférica por regresión Fourier y Wavelet lograron observar mayor área de cobertura vegetal que en las imágenes sin corrección.

Mahiny y Turner (2007) también encontraron diferencias en los atributos de las imágenes, la vegetación y las distancias métricas con imágenes corregidas atmosféricamente ya que en una imagen se determinó hasta 8.9% más de área de cobertura boscosa que en una imagen sin corrección atmosférica. Además compararon cuatro métodos de corrección atmosférica (COST, RCS, PIF y 6S) y se analizaron cambios en las imágenes. Su conclusión es que no existe mayor diferencia en usar cualquiera de los cuatro métodos, pero lo importante resulta ser aplicar la corrección atmosférica.

Aunque existen varios modelos para realizar las correcciones atmosféricas los modelamientos atmosféricos más frecuentes son LOWTRAN o MODTRAN (Kneizys et al, 1988), para los autores French *et al* (2003) sin lugar a dudas utilizar el programa MODTRAN sigue siendo el método más fiable de corrección atmosférica.

Corrección de datos de Sensores Remotos

Al trabajar con sensores remotos podemos encontrar errores geométricos, radiométricos y atmosféricos, los cuales pueden ser producidos por los instrumentos utilizados, por la atmósfera o por el terreno. Sin embargo, podemos encontrar procedimientos de desarrollo computacional que permiten la compensación de estos errores (Rejas, 2008).

Los errores radiométricos y pueden ser consecuencia, de la instrumentación usada en registrar los datos, de la dependencia de la longitud de onda en la radiación solar y del efecto atmosférico.

Los errores geométricos en la imagen se pueden deber a diversas causas (Errores sistemáticos y no sistemáticos), la curvatura de la tierra, variaciones incontroladas en posición y altitud de la plataforma del sensor pueden generar errores geométricos severos (Rejas, 2008).

Las interacciones de la radiación solar directa y de la radiación reflejada por la superficie con los componentes atmosféricos interfieren con el proceso de transmisión de información por teledetección originando lo que se ha dado en llamar "efecto de la atmósfera". Los gases atmosféricos y los aerosoles, así como las nubes, dispersan y absorben la radiación solar y pueden, por tanto, modular la radiación reflejada por el objeto atenuándola, cambiando su distribución espacial en el campo de visión radiación de fondo procedente de la dispersión atmosférica (Rejas, 2008). Como resultado la atmósfera puede afectar a la imagen aparente del objeto (la imagen observada por el sensor) de diferentes modos. Además la atmósfera cambia de una fecha a otra y es necesario corregir los valores de la radiancia registrada por el sensor (Rejas, 2008).

El objetivo de la corrección atmosférica es recuperar la "*intrinsic radiance*" o la radiancia intrínseca del objetivo obtenida de la señal recibida por el sensor (radiación total del sensor). Esto requiere la eliminación del componente intrusivo (radiación por dispersión múltiple), además de eliminar el impacto de la transmitancia atmosférica en un ángulo θ con el cenit de la radiación total desde el objetivo hacia el sensor (Vesanto Veli-Heikki, 2012). Para eliminar los efectos de la atmósfera completamente, la corrección atmosférica absoluta es necesaria.

La corrección de la imagen para eliminar el efecto de la atmósfera resulta especialmente necesaria para:

- Calcular determinados índices entre bandas cuya distorsión debida a la atmósfera es diferente.
- Calcular variables deducibles directamente de la radiancia mediante modelos de tipo físico.
- Estudios temporales, ya que la distorsión atmosférica cambia de unos días a otros.

Corrección atmosférica

Existen diferentes métodos para realizar una corrección atmosférica, el utilizado fue el modelo de transferencia radiativa el cual permite deducir la reflectancia en el terreno a partir de la señal medida y de una caracterización de la atmósfera. La caracterización de la atmósfera puede ser mediante un modelo propio o un modelo implementado en un software como FLAASH que se basa en MODTRAN el cual modela la dispersión y la transmisión en la atmósfera para calcular la diferencia entre la radiancia en el sensor y la radiancia en la tierra; el cual extrae los niveles atmosféricos de aerosoles usando una relación entre la reflectancia a 2000 nm y 500 nm con píxeles identificados en oscuridad por Kaufman et. al. (2007) conocido como método KT (Vesanto Veli-Heikki, 2012).

El algoritmo de FLAASH precisa una serie de requisitos de entrada como condiciones solares (elevación, azimut), hora adquisición de las imágenes, ubicación del sensor (cenit, acimut), modelo de aerosoles (rural, urbano, marino y más), el tipo de sensor, elevación del terreno, y visibilidad inicial (ENVI, 2009, Richter y Schläpfer, 2011; Vesanto Veli-Heikki, 2012).

Características de MODTRAN/FLAASH

MODTRAN es un riguroso modelo de algoritmos de transferencia de radiación utilizado para modelar la absorción espectral, transmisión, emisión y características de dispersión de la atmósfera. lo anterior se logra modelando la atmósfera en capas homogéneas. las características de estas capas son dibujadas ya sea desde diversos modelos atmosféricos internos (urbano, rural, ecuatorial o ártico) o puede ser caracterizada por radiosonda recolectora de datos sobre una atmósfera específica.

Calcula la transmitancia atmosférica y la radianza por frecuencias que van de 0 hasta los 50 000 cm^{-1} en un espectro de resolución moderado, incluye geometría refractiva, funciones lunares y solares, dispersión y perfiles (gases, aerosoles, nubes, niebla y lluvia). El desarrollo original de MODTRAN se debió a la necesidad de una resolución espectral mayor y mejor precisión que la provista por el modelo de algoritmo de bandas LOWTRAN, el cual era utilizado anteriormente (Ientilucci, 2007).

FLAASH ofrece diferentes modelos atmosféricos. Cuando todos los parámetros climáticos para la imagen están disponibles (presión, temperatura, vapor de agua, ozono, tipo de aerosoles, elevación solar, ángulo cenital, entre otros) es posible aplicar el método Fast Line-of-Sight Atmospheric Analysis technique of Spectral Hypercubes o "FLAASH" que incorpora el código de transferencia de radiación MODTRAN-4. Se basa en códigos y algoritmos probados, únicos para cada imagen, proporcionando resultados muy precisos.

Además FLAASH ofrece un alto nivel de detalle tanto para las imágenes hiper como multiespectral que operan en el rango espectral de 0,35 a 2,5 micrómetros (Arenas, 1998). Es una herramienta de que modifica las longitudes de onda del espectro visible, incorpora el código de radiación de transferencia de MODTRAN 4 para no interpolar las propiedades transferidas desde una base de datos precalculada al modelar resultados.

Se puede escoger cualquier estándar de MODTRAN para modelar atmósferas, y tipos de aerosol para representar una escena, una forma única de solución es computarizada por MODTRAN para cada imagen (ENVI, 2009).

FLAASH incluye las siguientes características:

- Corrección del efecto de proximidad (mezcla de píxeles debido a la dispersión de la radianza de la superficie reflejada)
- Promediar la visibilidad de la escena (aerosol/ cantidad de neblina)
- Mapa de clasificación de cirros y nubes opacas.
- Corregir imágenes recolectadas de manera vertical o en un plano inclinado.

ENVI trata cada imagen y su impronta atmosférica individualmente, creando un modelo único cada vez que se encuentra una representación verdadera y fidedigna de una escena de una imagen determinada.

Las opciones del modelo son las siguientes:

- Rural: Representa aerosoles en zonas que no están fuertemente afectadas por zonas urbanas o fuentes industriales. Los tamaños de partículas son una mezcla de dos distribuciones, uno grande y uno pequeño.
- Urbano: Una mezcla de 80% aerosol rural con hollín como el 20% aerosoles, apropiado para los alta densidad urbana / áreas industriales.
- Marítimo: Representa la capa límite sobre los océanos, los continentes o bajo un predominante viento del océano. Se compone de dos componentes, uno de la espuma del mar y otra de las zonas rurales con aerosol continental (que omite las partículas más grandes).
- Troposférico: Se aplica a la calma, clara (visibilidad superior a 40 km) sobre las condiciones del terreno y consta de la componente de partículas pequeñas del modelo rural.

La elección del modelo no es crítico si la visibilidad es alta (por ejemplo, mayor que 40 km). La visibilidad inicial (km) valor se supone para la corrección atmosférica si el aerosol no es que se está recuperando. El cuadro 1 enumera los valores aproximados basados en las condiciones climáticas.

Cuadro 1. Valor aproximado Visibilidad

Estado del tiempo	Visibilidad de la escena
Despejado	40-100 km
Neblina moderada	20-30 km
Neblina espesa	15 km o menos

Para obtener los mejores resultados, se selecciona un modelo cuya columna estándar de la cantidad de vapor de agua es similar a, o algo mayor que, la que se espera para la escena.

ignorados; de manera que no hay datos totalmente "idénticos" a la realidad que tratan de describir. Para asegurar que los datos sean utilizados correctamente, las presunciones y limitaciones que han afectado su recolección, deben ser completamente documentadas (IPGH 2011).

El metadato geográfico permite a un productor describir totalmente los datos geográficos de manera que los usuarios puedan entender las presunciones y limitaciones y puedan evaluar la aplicabilidad de los datos para el uso específico de su interés (IPGH 2011).

Los datos geográficos normalmente son usados por personas diferentes de quien los genera y la mayoría de ellos se utilizan en diferentes fechas por más de una persona. Tradicionalmente éstos son producidos por un individuo o una organización, y usados por otros. Una documentación apropiada de los datos proporciona a aquellos que no están familiarizados con ellos, el entendimiento de los mismos y permite que sean usados adecuadamente. A medida que los productores y usuarios de información geográfica manejan un número creciente de información, una documentación apropiada proporciona a todos un conocimiento claro y un mejor manejo en la producción, almacenamiento, actualización y reutilización de sus datos (IPGH 2011).

La estructura de metadatos utilizada para la documentación de la información geográfica generada en este proyecto, está basada en el Perfil Latinoamericano de Metadatos Geográficos-LAMP (LatinAmerican Metadata Profile); el cual se rige bajo la norma ISO 19115:2003. Para su creación se utilizó el modulo ArcCatalog del programa ArcGis versión 9.3. El cuadro 3. presenta la estructura básica de metadatos utilizada para los datos generados en el proyecto.

Resultados

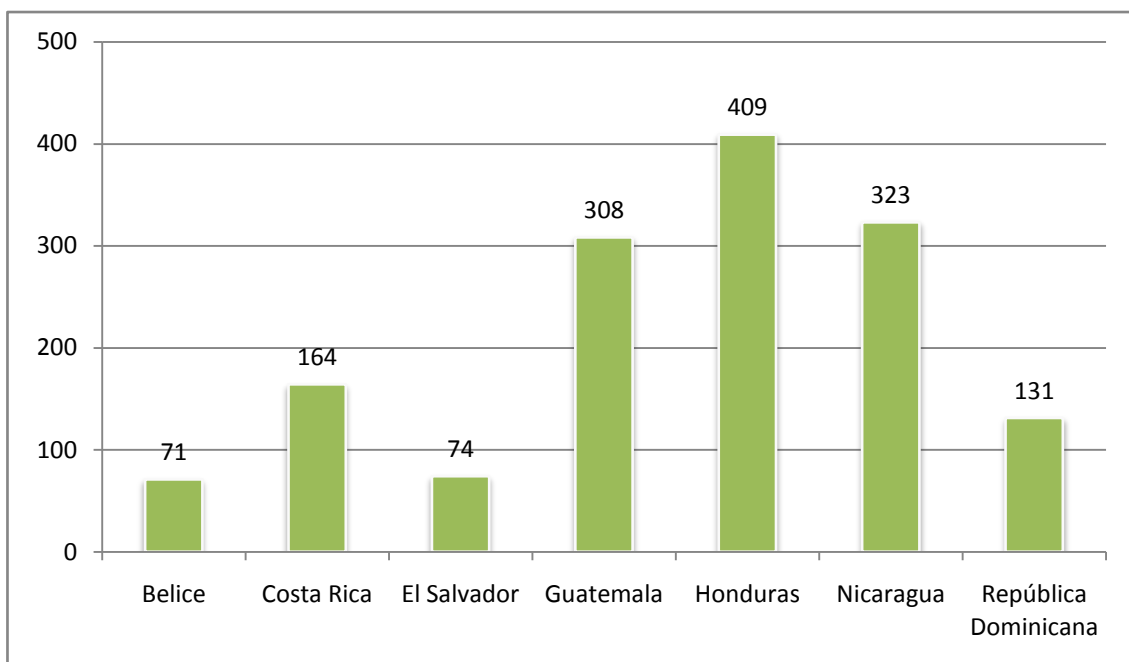


Figura 2. Escenas corregidas atmosféricamente por país.

Detalle de datos por país

Cuadro 2 . Detalle de imágenes corregidas para Belice

Observación	Cantidad
Brillo excesivo	1
Alta nubosidad	2
Oscura	2
Recorte	15
Total	71

Cuadro 3 . Detalle de imágenes corregidas para Costa Rica

Observación	Cantidad
Reportadas por E. Ortiz	28
Corregidas por inconsistencias	59
Con nubosidad mayor al 40% de la imagen	6
Oscuras	18
Con recortes	34
Con reemplazo	46
Buena visibilidad	146
Total	164

Cuadro 4 . Detalle de imágenes corregidas para El Salvador

Observación	Cantidad
Brillo excesivo	4
Alta nubosidad	14
Oscura	2
Recorte	24
Total	74

Cuadro 5. Detalle de imágenes corregidas para Guatemala

Observación	Cantidad
Brillo excesivo	4
Alta nubosidad	69
Oscuras	21
Recorte	48
Dañadas	2
Total procesadas	308

Cuadro 6. Detalle de imágenes corregidas para Honduras

Observación	Cantidad
Brillo excesivo	4
Alta nubosidad	158
Oscuras	65
Recorte	48
Total procesadas	409

Cuadro 7. Detalle de imágenes corregidas para Nicaragua

Observación	Cantidad
Brillo excesivo	6
Alta nubosidad	149
Oscuras	26
Recorte	40
Total	323

Cuadro 8. Detalle de imágenes corregidas para República Dominicana

Observación	Cantidad
Brillo excesivo	2
Alta nubosidad	16
Oscura	8
Recorte	21
Procesadas	131

Cuadro 9. Estructura de metadatos utilizada para la información generada en el pre-procesamiento de imágenes satelitales/corrección atmosférica con ENVI.

SECCIÓN	ELEMENTO	ENTIDADES
a. Identificación	General	Resumen
		Propósito
		Restricciones de acceso
		Restricciones de uso
	Contacto	Nombre
		Organización
		Cargo
		Teléfono
	Cita	Email
		Título
Originador		
Período de tiempo	Última referencia	
	Año	
Estado	Progreso	
	Palabras Claves	Tema
Referencia del metadato		Lugar
		Nombre
		Organización
		Teléfono
		Email
		País
b. Calidad de los datos	Atributo de precisión	Reporte de precisión

Recomendaciones

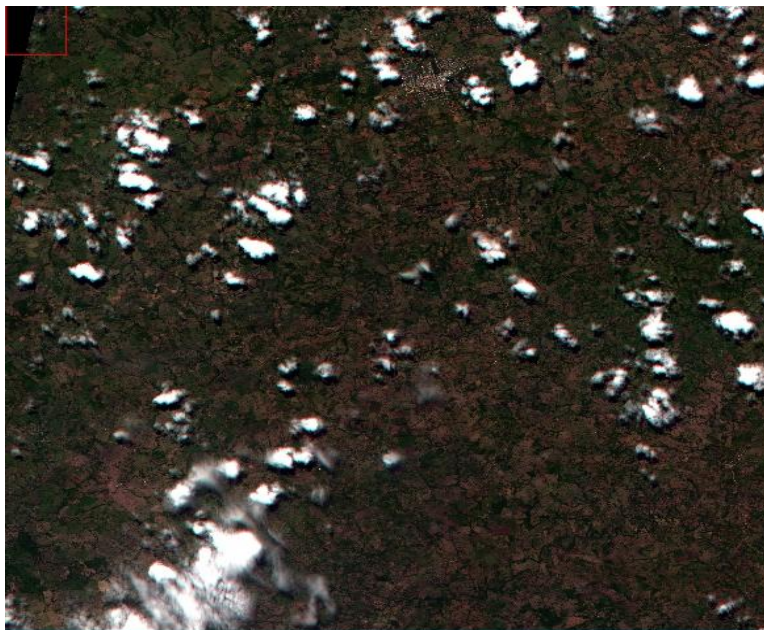
- Contar con un equipo que cuente al menos con las siguientes características: 3.40GHz de procesador, 16.0 GB de memoria RAM, un sistema operativo de 64 bits, dos monitores de trabajo que faciliten el proceso.
- Procurar que iniciado el proyecto se cuente con la información completa de las imágenes para cada país.
- Realizar varias pruebas de modelos atmosféricos y distintas visibilidades para así poder escoger la mejor imagen.
- En imágenes con coberturas pequeñas se recomienda hacer recortes ROI para ampliar la visibilidad de la misma.

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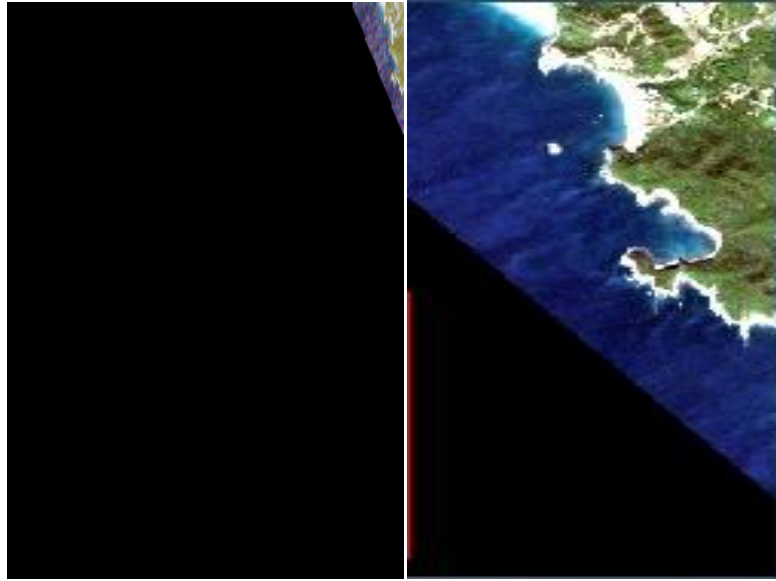
Anexos



Anexo 1. Imagen sin corrección atmosférica (1644426_2010-05-30_RE5_3A_144585).



Anexo 2. Imagen con corrección atmosférica (1644426_2010-05-30_RE5_3A_144585).



(Imagen cruda)

(Recortada)

Anexo 3. Imagen con recorte ROI (1644219_2010-12-27_RE1_3A_144585)

Anexo 4. Detalle de las imágenes procesadas hasta nivel de reflectancia, para Belice.

CRUDA	RECODIFICADA	UTM	LATITUD	LONGITUD	ALTITUD	MODELO	VIS	OBSERVACIONES
1647005_2012-05-07_RE1_3A_144858	BZ_1647005_2012_05_07_RE1_3A_144858_ref	16N	17.247799	-89.090855	263	rural	30	Recorte
1647006_2012-02-24_RE5_3A_144858	BZ_1647006_2012_02_24_RE5_3A_144858_ref	16N	17.248145	-88.915383	85	marítimo	40	
1647007_2012-02-24_RE5_3A_144858	BZ_1647007_2012_02_24_RE5_3A_144858_ref	16N	17.246967	-88.691348	56	marítimo	30	
1647008_2012-02-23_RE4_3A_144858	BZ_1647008_2012_02_23_RE4_3A_144858_ref	16N	17.251319	-88.467653	59	marítimo	20	
1647009_2012-02-23_RE4_3A_144858	BZ_1647009_2012_02_23_RE4_3A_144858_ref	16N	17.251402	-88.3247	3	marítimo	20	Recorte
1647009_2012-04-12_RE5_3A_144858	BZ_1647009_2012_04_12_RE5_3A_144858_ref	16N	17.251402	-88.3247	3	marítimo	40	Recorte/ Oscura
1647010_2012-04-05_RE3_3A_144858	BZ_1647010_2012_04_05_RE3_3A_144858_ref	16N	17.28145	-88.083325	0	marítimo	60	Recorte
1647105_2012-05-07_RE1_3A_144858	BZ_1647105_2012_05_07_RE1_3A_144858_ref	16N	17.472357	-89.086115	181	rural	10	Recorte
1647106_2011-03-30_RE2_3A_144858	BZ_1647106_2011_03_30_RE2_3A_144858_ref	16N	17.463025	-88.918576	127	marítimo	30	Nubes
1647107_2011-03-30_RE2_3A_144858	BZ_1647107_2011_03_30_RE2_3A_144858_ref	16N	17.464835	-88.69439	34	marítimo	60	
1647108_2012-02-23_RE4_3A_144858	BZ_1647108_2012_02_23_RE4_3A_144858_ref	16N	17.46911	-88.470402	9	marítimo	20	
1647508_2012-01-19_RE2_3A_144858	BZ_1647508_2012_01_19_RE2_3A_144858_ref	16N	18.357643	-88.467405	4	marítimo	20	
1647509_2012-02-24_RE5_3A_144858	BZ_1647509_2012_02_24_RE5_3A_144858_ref	16N	18.271899	-88.251025	11	marítimo	15	
1647510_2011-10-28_RE5_3A_144858	BZ_1647510_2011_10_28_RE5_3A_144858_ref	16N	18.300905	-88.271025	3	marítimo	20	
1647109_2012-02-23_RE4_3A_144858	BZ_1647109_2012_02_23_RE4_3A_144858_ref	16N	17.475974	-88.3087	2	urbano	40	
1647110_2012-04-05_RE3_3A_144858	BZ_1647110_2012_04_05_RE3_3A_144858_ref	16N	17.384168	-87.911709	0	marítimo	60	Recorte
1647111_2012-04-05_RE3_3A_144858	BZ_1647111_2012_04_05_RE3_3A_144858_ref	16N	17.432192	-87.846831	0	marítimo	10	

1647205_2012-05-07_RE1_3A_144858	BZ_1647205_2012_05_07_RE1_3A_144858_ref	16N	17.689048	-89.086785	125	rural	40	Recorte
1647206_2011-03-30_RE2_3A_144858	BZ_1647206_2011_03_30_RE2_3A_144858_ref	16N	17.684217	-88.922276	16	rural	30	
1647207_2011-03-30_RE2_3A_144858	BZ_1647207_2011_03_30_RE2_3A_144858_ref	16N	17.683936	-88.697282	20	rural	60	
1647208_2011-03-30_RE2_3A_144858	BZ_1647208_2011_03_30_RE2_3A_144858_ref	16N	17.689454	-88.481231	10	marítimo	60	
1647208_2012-02-23_RE4_3A_144858	BZ_1647208_2012_02_23_RE4_3A_144858_ref	16N	17.687724	-88.469305	10	rural	40	
1647209_2012-02-23_RE4_3A_144858	BZ_1647209_2012_02_23_RE4_3A_144858_ref	16N	17.700857	-88.298679	12	marítimo	20	
1647305_2012-05-07_RE1_3A_144858	BZ_1647305_2012_05_07_RE1_3A_144858_ref	16N	17.885157	-89.086456	95	rural	40	Recorte
1647306_2011-03-30_RE2_3A_144858	BZ_1647306_2011_03_30_RE2_3A_144858_ref	16N	17.881001	-88.957379	109	rural	40	
1647307_2011-03-30_RE2_3A_144858	BZ_1647307_2011_03_30_RE2_3A_144858_ref	16N	17.903125	-88.680988	30	rural	40	
1647308_2011-03-30_RE2_3A_144858	BZ_1647308_2011_03_30_RE2_3A_144858_ref	16N	17.906863	-88.446399	19	rural	40	Brillo
1647308_2011-04-27_RE2_3A_144858	BZ_1647308_2011_04_27_RE2_3A_144858_ref	16N	17.908425	-88.382172	16	marítimo	60	
1647309_2012-02-23_RE4_3A_144858	BZ_1647309_2012_02_23_RE4_3A_144858_ref	16N	17.91374	-88.266135	17	marítimo	40	
1647310_2012-02-23_RE4_3A_144858	BZ_1647310_2012_02_23_RE4_3A_144858_ref	16N	17.960347	-87.966408	1	marítimo	40	recorte
1647407_2012-05-08_RE2_3A_144858	BZ_1647407_2012_05_08_RE2_3A_144858_ref	16N	18.112881	-88.656753	9	rural	40	
1647408_2011-03-30_RE2_3A_144858	BZ_1647408_2011_03_30_RE2_3A_144858_ref	16N	18.120716	-88.45629	17	marítimo	30	
1647409_2012-02-24_RE5_3A_144858	BZ_1647409_2012_02_24_RE5_3A_144858_ref	16N	18.128231	-88.230732	5	marítimo	40	
1647410_2012-02-23_RE4_3A_144858	BZ_1647410_2012_02_23_RE4_3A_144858_ref	16N	18.160833	-88.110782	1	marítimo	20	
1647411_2012-07-24_RE3_3A_144858	BZ_1647411_2012_07_24_RE3_3A_144858_ref	16N	18.113245	-87.877911	8	marítimo	60	recorte
1647507_2012-07-26_RE5_3A_144858	BZ_1647507_2012_07_26_RE5_3A_144858_ref	16N	18.235253	-88.589491	5	rural	40	recorte

1647608_2012-07-26_RE5_3A_144858	BZ_1647608_2012_07_26_RE5_3A_144858_ref	16N	18.46948	-88.413114	4	marítimo	40	Recorte
1647609_2012-02-24_RE5_3A_144858	BZ_1647609_2012_02_24_RE5_3A_144858_ref	16N	18.460642	-88.347069	8	marítimo	20	Recorte
1646405_2011-03-30_RE2_3A_144858	BZ_1646405_2011_03_30_RE2_3A_144858_ref	16N	15.940945	-89.139324	21	rural	20	
1646406_2012-02-24_RE5_3A_144858	BZ_1646406_2012_02_24_RE5_3A_144858_ref	16N	16.001836	-88.92042	11	marítimo	20	
1646505_2011-03-30_RE2_3A_144858	BZ_1646505_2011_03_30_RE2_3A_144858_ref	16N	16.169968	-89.111045	60	rural	20	
1646506_2011-03-30_RE2_3A_144858	BZ_1646506_2011_03_30_RE2_3A_144858_ref	16N	16.163466	-88.890893	19	marítimo	30	
1646506_2012-04-30_RE4_3A_144858	BZ_1646506_2012_04_30_RE4_3A_144858_ref	16N	16.163466	-88.890893	19	rural	20	Oscura
1646507_2012-02-24_RE5_3A_144858	BZ_1646507_2012_02_24_RE5_3A_144858_ref	16N	16.147938	-88.762901	5	marítimo	40	
1646605_2011-03-30_RE2_3A_144858	BZ_1646605_2011_03_30_RE2_3A_144858_ref	16N	16.329436	-89.138854	657	rural	30	
1646607_2011-01-09_RE4_3A_144858	BZ_1646607_2011_01_09_RE4_3A_144858_ref	16N	16.394637	-88.677193	25	rural	30	Recorte
1646607_2011-03-30_RE2_3A_144858	BZ_1646607_2011_03_30_RE2_3A_144858_ref	16N	16.394637	-88.677193	25	rural	30	
1646607_2011-04-27_RE2_3A_144858	BZ_1646607_2011_04_27_RE2_3A_144858_ref	16N	16.394637	-88.677193	25	rural	30	Recorte
1646606_2011-03-30_RE2_3A_144858	BZ_1646606_2011_03_30_RE2_3A_144858_ref	16N	16.418694	-88.938844	488	rural	20	
1646607_2011-10-28_RE5_3A_144858	BZ_1646607_2011_10_28_RE5_3A_144858_ref	16N	16.374284	-88.673871	20	marítimo	20	
1646607_2012-08-02_RE3_3A_144858	BZ_1646607_2012_08_02_RE3_3A_144858_ref	16N	16.42249	-88.599326	32	rural	20	
1646608_2011-01-09_RE4_3A_144858	BZ_1646608_2011_01_09_RE4_3A_144858_ref	16N	16.386138	-88.509603	22	marítimo	30	
1646705_2011-03-30_RE2_3A_144858	BZ_1646705_2011_03_30_RE2_3A_144858_ref	16N	16.607461	-89.130773	580	rural	30	
1646706_2011-03-30_RE2_3A_144858	BZ_1646706_2011_03_30_RE2_3A_144858_ref	16N	16.599684	-88.891115	688	rural	20	
1646707_2011-03-30_RE2_3A_144858	BZ_1646707_2011_03_30_RE2_3A_144858_ref	16N	16.612984	-88.692085	257	marítimo	20	

1646707_2011-04-27_RE2_3A_144858	BZ_1646707_2011_04_27_RE2_3A_144858_ref	16N	16.579039	-88.619989	54	marítimo	20	
1646707_2012-05-08_RE2_3A_144858	BZ_1646707_2012_05_08_RE2_3A_144858_ref	16N	16.604847	-88.68399	298	marítimo	20	
1646708_2011-04-27_RE2_3A_144858	BZ_1646708_2011_04_27_RE2_3A_144858_ref	16N	16.608518	-88.451668	24	marítimo	30	
1646709_2012-02-23_RE4_3A_144858	BZ_1646709_2012_02_23_RE4_3A_144858_ref	16N	16.695364	-88.328225	13	marítimo	20	
1646805_2011-03-30_RE2_3A_144858	BZ_1646805_2011_03_30_RE2_3A_144858_ref	16N	16.814376	-89.108416	559	rural	30	
1646806_2012-02-24_RE5_3A_144858	BZ_1646806_2012_02_24_RE5_3A_144858_ref	16N	16.814198	-88.904017	451	rural	40	
1646807_2011-03-30_RE2_3A_144858	BZ_1646807_2011_03_30_RE2_3A_144858_ref	16N	16.811486	-88.673644	701	marítimo	40	Nubes
1646807_2011-04-27_RE2_3A_144858	BZ_1646807_2011_04_27_RE2_3A_144858_ref	16N	16.750255	-88.59498	324	marítimo	20	
1646808_2011-04-27_RE2_3A_144858	BZ_1646808_2011_04_27_RE2_3A_144858_ref	16N	16.80958	-88.449918	208	marítimo	30	
1646809_2012-08-02_RE3_3A_144858	BZ_1646809_2012_08_02_RE3_3A_144858_ref	16N	16.811461	-88.29704	5	marítimo	40	
1646905_2011-03-02_RE3_3A_144858	BZ_1646905_2011_03_02_RE3_3A_144858_ref	16N	17.065401	-89.109117	156	rural	20	
1646905_2012-02-24_RE5_3A_144858	BZ_1646905_2012_02_24_RE5_3A_144858_ref	16N	17.008767	-89.130053	267	rural	40	
1646906_2011-03-30_RE2_3A_144858	BZ_1646906_2011_03_30_RE2_3A_144858_ref	16N	17.027034	-88.892231	618	rural	40	
1646907_2011-03-30_RE2_3A_144858	BZ_1646907_2011_03_30_RE2_3A_144858_ref	16N	17.045756	-88.690132	636	rural	40	
1646908_2011-04-27_RE2_3A_144858	BZ_1646908_2011_04_27_RE2_3A_144858_ref	16N	17.047038	-88.480306	298	marítimo	40	
1646909_2012-02-23_RE4_3A_144858	BZ_1646909_2012_02_3_RE4_3A_144858_ref	16N	17.043946	-88.283841	7	marítimo	40	

Anexo 5. Detalle de las imágenes procesadas hasta nivel de reflectancia, para Costa Rica.

Cruda	Recodificada	UTM	Latitud	Longitud	Altitud	Modelo	Visibilidad	Observaciones
1643328_2012-04-22_RE2_3A_142490	CR_1643328_2012_04_22_RE2_3A_142490_ref	16N	9,320914	-83.958.063	7	marítimo	40	Recorte
1643423_2012-02-14_RE5_3A_143711	CR_1643423_2012_02_14_RE5_3A_143711_ref	16N	9.54177	-85.112.245	21	marítimo	60	Recorte/ Corregida
1643426_2012-04-15_RE4_3A_142490	CR_1643426_2012_04_15_RE4_3A_142490_ref	16N	9.531407	-84.472.866	6	marítimo	60	Recorte/ Corregida
1643427_2012-03-14_RE1_3A_142490	CR_1643427_2012_03_14_RE1_3A_142490_ref	16N	9.508619	-84.279.473	5	marítimo	40	
1643428_2012-03-01_RE2_3A_142490	CR_1643428_2012_03_01_RE2_3A_142490_ref	16N	9.432727	-84.044.078	39	marítimo	40	Con reemplazo
1643428_2012-03-14_RE1_3A_142490	CR_1643428_2012_03_14_RE1_3A_142490_ref	16N	9.432727	-84.044.078	39	marítimo	20	Con reemplazo
1643522_2012-02-11_RE2_3A_142490	CR_1643522_2012_02_11_RE2_3A_142490_ref	16N	9.760.446	-8.527.194	14	marítimo	60	Recorte
1643523_2012-03-09_RE5_3A_142490	CR_1643523_2012_03_09_RE5_3A_142490_ref	16N	9.67279	-85.116.294	160	marítimo	60	
1643524_2012-03-09_RE5_3A_142490	CR_1643524_2012_03_09_RE5_3A_142490_ref	16N	9.741.259	-84.980.185	43	marítimo	40	Recorte
1643525_2012-03-09_RE5_3A_142490	CR_1643525_2012_03_09_RE5_3A_142490_ref	16N	9.658.351	-84.642.261	23	marítimo	60	Recorte
1643526_2012-03-15_RE2_3A_142490	CR_1643526_2012_03_15_RE2_3A_142490_ref	16N	9.6527	-84.486.135	223	marítimo	40	
1643527_2012-03-15_RE2_3A_142490	CR_1643527_2012_03_15_RE2_3A_142490_ref	16N	9.651613	-8.426.468	130	marítimo	30	
1643528_2012-03-01_RE2_3A_142490	CR_1643528_2012_03_01_RE2_3A_142490_ref	16N	9.655.571	-84.045.455	1378	marítimo	40	
1643620_2012-04-24_RE3_3A_142490	CR_1643620_2012_04_24_RE3_3A_142490_ref	16N	9.985.474	-85.685.656	14	marítimo	60	Recorte
1643621_2012-04-24_RE3_3A_142490	CR_1643621_2012_04_24_RE3_3A_142490_ref	16N	9.882.286	-85.569.139	40	marítimo	60	Recorte
1643622_2012-04-26_RE1_3A_142490	CR_1643622_2012_04_26_RE1_3A_142490_ref	16N	9.879.852	-85.352.297	227	marítimo	40	
1643623_2012-03-09_RE5_3A_142490	CR_1643623_2012_03_09_RE5_3A_142490_ref	16N	9.877.152	-85.107.942	60	marítimo	60	
1643624_2012-03-09_RE5_3A_142490	CR_1643624_2012_03_09_RE5_3A_142490_ref	16N	9.857.191	-84.926.214	10	marítimo	60	
1643625_2012-04-25_RE5_3A_142490	CR_1643625_2012_04_25_RE5_3A_142490_ref	16N	9.909.978	-84.663.281	20	marítimo	60	
1643626_2012-03-15_RE2_3A_142490	CR_1643626_2012_03_15_RE2_3A_142490_ref	16N	9.889.838	-84.467.598	352	marítimo	60	
1643627_2012-03-01_RE2_3A_142490	CR_1643627_2012_03_01_RE2_3A_142490_ref	16N	9.874.587	-84.259.978	859	rural	60	
1743507_2012-02-05_RE1_3A_142490	CR_1743507_2012_02_05_RE1_3A_142490_ref	17N	9.593.771	-82.642.548	50	marítimo	60	Recorte
1643628_2012-03-27_RE4_3A_142490	CR_1643628_2012_03_27_RE4_3A_142490_ref	16N	9.887.487	-84.037.171	1179	urbano	40	
1643720_2012-03-07_RE3_3A_142490	CR_1643720_2012_03_07_RE3_3A_142490_ref	16N	10,0875	-85.767.796	18	marítimo	60	Recorte

1643721_2012-03-07_RE3_3A_142490	CR_1643721_2012_03_07_RE3_3A_142490_ref	16N	10.086.611	-85,3.956	192	marítimo	20	
1643722_2012-03-17_RE4_3A_142490	CR_1643722_2012_03_17_RE4_3A_142490_ref	16N	10.110.126	-85.340.281	68	marítimo	40	
1643723_2012-03-17_RE4_3A_142490	CR_1643723_2012_03_17_RE4_3A_142490_ref	16N	10.096.507	-85.154.629	8	marítimo	40	
1643724_2012-03-09_RE5_3A_142490	CR_1643724_2012_03_09_RE5_3A_142490_ref	16N	10.096.335	-84.918.903	21	marítimo	40	
1643725_2011-03-05_RE2_3A_142490	CR_1643725_2011_03_05_RE2_3A_142490_ref	16N	10.090.798	-84.696.003	563	marítimo	40	Oscura/ Con reemplazo
1643725_2012-03-25_RE2_3A_142490	CR_1643725_2012_03_25_RE2_3A_142490_ref	16N	10.090.798	-84.696.003	563	marítimo	40	Oscura/ Con reemplazo
1643726_2012-02-15_RE1_3A_142490	CR_1643726_2012_02_15_RE1_3A_142490_ref	16N	10.091.343	-84.475.159	1071	marítimo	60	Oscura
1643727_2012-01-08_RE1_3A_142490	CR_1643727_2012_01_08_RE1_3A_142490_ref	16N	10.097.656	-84.258.998	1185	urbano	40	
1643728_2012-06-25_RE4_3A_142490	CR_1643728_2012_06_25_RE4_3A_142490_ref	16N	10.060.535	-84.021.221	1676	rural	15	Oscura/Corregida
1643820_2012-03-07_RE3_3A_142490	CR_1643820_2012_03_07_RE3_3A_142490_ref	16N	10.320.895	-85.789.973	40	marítimo	40	
1643821_2012-03-07_RE3_3A_142490	CR_1643821_2012_03_07_RE3_3A_142490_ref	16N	10.319.267	-85.560.923	32	marítimo	40	
1643822_2012-03-17_RE4_3A_142490	CR_1643822_2012_03_17_RE4_3A_142490_ref	16N	10.318.973	-85.145.663	5	marítimo	40	
1643823_2012-03-17_RE4_3A_142490	CR_1643823_2012_03_17_RE4_3A_142490_ref	16N	10.326.804	-85.145.663	15	marítimo	40	
1643824_2012-03-25_RE2_3A_142490	CR_1643824_2012_03_25_RE2_3A_142490_ref	16N	10.324.693	-84.923.844	788	marítimo	60	
1643825_2012-02-14_RE5_3A_143711	CR_1643825_2012_02_14_RE5_3A_143711_ref	16N	10.322.079	-84.697.481	700	rural	15	Oscura/Repetida
1643825_2012-03-25_RE2_3A_142490	CR_1643825_2012_03_25_RE2_3A_142490_ref	16N	10.322.079	-84.697.481	700	rural	30	Con reemplazo
1643826_2012-01-02_RE5_3A_142490	CR_1643826_2012_01_02_RE5_3A_142490_ref	16N	10.376.394	-84.496.286	207	rural	15	
1643827_2012-01-08_RE1_3A_142490	CR_1643827_2012_01_08_RE1_3A_142490_ref	16N	10.359.759	-84.246.113	382	rural	20	Oscura
1743604_2011-01-24_RE1_3A_142490	CR_1743604_2011_01_24_RE1_3A_142490_ref	17N	9.855.949	-83.289.111	1462	rural	20	
1743605_2012-01-18_RE2_3A_142490	CR_1743605_2012_01_18_RE2_3A_142490_ref	17N	9.886.299	-83.092.739	58	marítimo	60	
1743606_2012-01-18_RE2_3A_142490	CR_1743606_2012_01_18_RE2_3A_142490_ref	17N	9.782.175	-82.906.867	5	marítimo	60	Recorte
1743701_2012-06-25_RE4_3A_142490	CR_1743701_2012_06_25_RE4_3A_142490_ref	17N	10.117.438	-83.980.658	764	rural	20	
1643828_2012-03-26_RE3_3A_142490	CR_1643828_2012_03_26_RE3_3A_142490_ref	16N	10.307.667	-84.030.393	456	rural	20	
1643920_2012-03-07_RE3_3A_142490	CR_1643920_2012_03_07_RE3_3A_142490_ref	16N	10.511.152	-8.571.819	105	marítimo	60	
1643921_2012-03-07_RE3_3A_142490	CR_1643921_2012_03_07_RE3_3A_142490_ref	16N	10.522.669	-85.562.006	22	marítimo	40	
1643922_2012-03-07_RE3_3A_142490	CR_1643922_2012_03_07_RE3_3A_142490_ref	16N	10.516.619	-85.369.859	108	rural	40	Con reemplazo
1643922_2012-03-17_RE4_3A_142490	CR_1643922_2012_03_17_RE4_3A_142490_ref	16N	10.528.145	-85.337.338	105	rural	30	Con reemplazo
1643923_2012-02-11_RE2_3A_142490	CR_1643923_2012_02_11_RE2_3A_142490_ref	16N	10.528.769	-85.133.653	149	rural	30	
1643924_2012-03-25_RE2_3A_142490	CR_1643924_2012_03_25_RE2_3A_142490_ref	16N	10,50.501	-84.926.316	588	rural	30	

1643925_2012-03-25_RE2_3A_142490	CR_1643925_2012_03_25_RE2_3A_142490_ref	16N	10.513.532	-8.469.119	450	rural	15	Corregida
1643926_2012-02-18_RE4_3A_142490	CR_1643926_2012_02_18_RE4_3A_142490_ref	16N	10.513.357	-84.475.507	81	rural	20	
1643927_2012-03-26_RE3_3A_142490	CR_1643927_2012_03_26_RE3_3A_142490_ref	16N	10.505.076	-84.268.092	103	rural	20	
1643928_2012-04-13_RE2_3A_142490	CR_1643928_2012_04_13_RE2_3A_142490_ref	16N	10.537.843	-84.033.703	47	rural	15	Oscura
1644019_2012-08-13_RE5_3A_143711	CR_1644019_2012_08_13_RE5_3A_143711_ref	16N	10.857.322	-8.591.482	46	marítimo	20	Recorte
1644020_2012-01-05_RE3_3A_142490	CR_1644020_2012_01_05_RE3_3A_142490_ref	16N	10,82.267	-85.781.395	125	marítimo	40	
1644021_2012-03-07_RE3_3A_142490	CR_1644021_2012_03_07_RE3_3A_142490_ref	16N	10.746.866	-8.556.053	94	marítimo	30	
1644022_2012-03-31_RE3_3A_142490	CR_1644022_2012_03_31_RE3_3A_142490_ref	16N	10.741.851	-85.353.812	605	rural	15	Corregida/oscura
1644023_2012-03-25_RE2_3A_142490	CR_1644023_2012_03_25_RE2_3A_142490_ref	16N	10.695.581	-85.168.661	741	rural	20	Corregida/ Con reemplazo
1644023_2012-04-17_RE1_3A_142490	CR_1644023_2012_04_17_RE1_3A_142490_ref	16N	10.698.021	-85.126.381	1212	rural	20	Corregida/oscura
1644024_2012-03-25_RE2_3A_142490	CR_1644024_2012_03_25_RE2_3A_142490_ref	16N	10.666.123	-84.830.057	56	rural	20	Oscura
1644025_2012-02-18_RE4_3A_142490	CR_1644025_2012_02_18_RE4_3A_142490_ref	16N	10.806.622	-84.650.918	70	rural	15	Corregida/oscura
1644026_2011-03-05_RE2_3A_142490	CR_1644026_2011_03_05_RE2_3A_142490_ref	16N	10.714.023	-84.490.896	78	rural	15	Corregida/ Con reemplazo
1644026_2012-08-24_RE2_3A_142490	CR_1644026_2012_08_24_RE2_3A_142490_ref	16N	10.749.448	-84.370.799	103	rural	20	Corregida/ Con reemplazo
1644027_2012-01-23_RE2_3A_142490	CR_1644027_2012_01_23_RE2_3A_142490_ref	16N	10,73.768	-84.256.555	146	rural	60	Oscura
1644028_2012-01-08_RE1_3A_142490	CR_1644028_2012_01_08_RE1_3A_142490_ref	16N	10.723.224	-84.036.684	73	rural	15	Oscura
1644119_2012-08-13_RE5_3A_142490	CR_1644119_2012_08_13_RE5_3A_142490_ref	16N	10.892.079	-85.945.208	88	marítimo	30	Recorte
1644120_2012-08-13_RE5_3A_142490	CR_1644120_2012_08_13_RE5_3A_142490_ref	16N	10.925.642	-85.776.328	222	marítimo	40	
1644121_2012-04-24_RE3_3A_142490	CR_1644121_2012_04_24_RE3_3A_142490_ref	16N	10,96041	-85.573.034	297	marítimo	40	
1644122_2011-04-16_RE1_3A_142490	CR_1644122_2011_04_16_RE1_3A_142490_ref	16N	10.957.658	-85.350.547	432	rural	60	Con reemplazo
1644122_2011-11-29_RE4_3A_142490	CR_1644122_2011_11_29_RE4_3A_142490_ref	16N	10.959.659	-85.351.432	435	rural	30	Recorte/ Con reemplazo
1644123_2012-01-26_RE5_3A_142490	CR_1644123_2012_01_26_RE5_3A_142490_ref	16N	10,95.934	-85.132.551	49	rural	15	Con reemplazo /Oscura
1644123_2012-03-25_RE2_3A_142490	CR_1644123_2012_03_25_RE2_3A_142490_ref	16N	10.936.169	-85.151.791	67	rural	15	Con reemplazo /Corregida
1644124_2011-04-01_RE1_3A_142490	CR_1644124_2011_04_01_RE1_3A_142490_ref	16N	10.896.089	-84.915.088	45	rural	30	Con reemplazo /Corregida
1644124_2012-03-25_RE2_3A_142490	CR_1644124_2012_03_25_RE2_3A_142490_ref	16N	10.896.089	-84.915.088	45	rural	40	Con reemplazo /Corregida
1644125_2012-02-18_RE4_3A_142490	CR_1644125_2012_02_18_RE4_3A_142490_ref	16N	10.896.089	-84.915.088	45	rural	40	Con reemplazo /Oscura
1644125_2012-08-24_RE2_3A_142490	CR_1644125_2012_08_24_RE2_3A_142490_ref	16	10.941.219	-84.690.283	49	rural	60	Con reemplazo /Recorte
1644126_2012-01-09_RE2_3A_142490	CR_1644126_2012_01_09_RE2_3A_142490_ref	16	10.911.519	-84.472.267	33	rural	60	Con reemplazo /Oscura
1644126_2012-08-24_RE2_3A_142490	CR_1644126_2012_08_24_RE2_3A_142490_ref	16	10.891.558	-84,47.213	45	rural	60	Con reemplazo /Recorte

1644127_2012-01-09_RE2_3A_142490	CR_1644127_2012_01_09_RE2_3A_142490_ref	16	10.881.426	-84.329.892	60	rural	20	Con reemplazo /Recorte
1644127_2012-08-24_RE2_3A_142490	CR_1644127_2012_08_24_RE2_3A_142490_ref	16	10.845.892	-84.280.125	191	rural	40	Con reemplazo /Recorte
1644220_2011-04-16_RE1_3A_142490	CR_1644220_2011_04_16_RE1_3A_142490_ref	16	11.081.355	-85.684.341	27	marítimo	40	Recorte
1644221_2012-04-24_RE3_3A_142490	CR_1644221_2012_04_24_RE3_3A_142490_ref	16	11.129.825	-85.579.901	225	marítimo	40	
1644222_2012-04-24_RE3_3A_142490	CR_1644222_2012_04_24_RE3_3A_142490_ref	16	11.085.623	-85,35.437	292	rural	40	Recorte/ Corregida
1644223_2012-04-26_RE1_3A_142490	CR_1644223_2012_04_26_RE1_3A_142490_ref	16N	11,07.212	-85.233.635	48	rural	40	Recorte
1644225_2011-04-01_RE1_3A_142490	CR_1644225_2011_04_01_RE1_3A_142490_ref	16N	1.106.998	-84.683.353	34	rural	20	Recorte/Muy clara
1742805_2012-03-13_RE5_3A_142490	CR_1742805_2012_03_13_RE5_3A_142490_ref	17N	8.236.663	-82.962.717	100	marítimo	40	Recorte
1742806_2011-12-06_RE2_3A_142490	CR_1742806_2011_12_06_RE2_3A_142490_ref	17N	8,16.125	-82.893.166	35	marítimo	40	Recorte e
1742903_2012-04-21_RE1_3A_142490	CR_1742903_2012_04_21_RE1_3A_142490_ref	17N	8.451.195	-83,49.173	153	marítimo	40	Recorte
1742904_2012-04-20_RE5_3A_142490	CR_1742904_2012_04_20_RE5_3A_142490_ref	17N	8,39.034	-83.304.576	132	marítimo	40	Corregida
1742905_2011-12-05_RE1_3A_142490	CR_1742905_2011_12_05_RE1_3A_142490_ref	17N	8.365.953	-83.082.769	395	marítimo	40	
1742906_2012-01-10_RE4_3A_142490	CR_1742906_2012_01_10_RE4_3A_142490_ref	17N	8.461.683	-82.900.611	20	rural	30	
1743002_2012-01-29_RE4_3A_142490	CR_1743002_2012_01_29_RE4_3A_142490_ref	17N	8.564.028	-83.674.307	43	marítimo	20	Corregida/ Con reemplazo
1743002_2012-03-16_RE3_3A_142490	CR_1743002_2012_03_16_RE3_3A_142490_ref	17N	8.600.009	-83.720.888	96	marítimo	20	Corregida Con reemplazo
1743003_2012-01-29_RE4_3A_142490	CR_1743003_2012_01_29_RE4_3A_142490_ref	17N	8.563.479	-83.513.453	142	marítimo	15	Corregida
1743004_2012-01-29_RE4_3A_142490	CR_1743004_2012_01_29_RE4_3A_142490_ref	17N	8.507.429	-83.308.443	11	marítimo	60	Corregida/ Con reemplazo
1743004_2012-02-29_RE1_3A_142490	CR_1743004_2012_02_29_RE1_3A_142490_ref	17N	8.537.088	-83.343.231	56	marítimo	60	Corregida/ Con reemplazo
1743005_2012-02-29_RE1_3A_142490	CR_1743005_2012_02_29_RE1_3A_142490_ref	17N	8.573.813	-83.045.843	27	marítimo	20	
1743006_2012-03-13_RE5_3A_142490	CR_1743006_2012_03_13_RE5_3A_142490_ref	17N	8.582.792	-82.838.228	351	rural	40	
1743101_2012-03-16_RE3_3A_143711	CR_1743101_2012_03_16_RE3_3A_143711_ref	17N	8.704.894	-83.879.032	13	marítimo	60	Recorte
1743102_2012-03-26_RE4_3A_142490	CR_1743102_2012_03_26_RE4_3A_142490_ref	17N	8.789.774	-83.637.453	21	marítimo	20	Clara
1743103_2012-01-29_RE4_3A_142490	CR_1743103_2012_01_29_RE4_3A_142490_ref	17N	8.790.253	-83.492.322	177	marítimo	15	Corregida
1743104_2012-01-29_RE4_3A_143711	CR_1743104_2012_01_29_RE4_3A_143711_ref	17N	8.805.736	-83.284.747	16	marítimo	60	Con reemplazo
1743104_2012-02-25_RE2_3A_143711	CR_1743104_2012_02_25_RE2_3A_143711_ref	17N	878.635	-83.290.844	18	marítimo	15	Corregida/ Con reemplazo
1743105_2012-03-07_RE4_3A_142490	CR_1743105_2012_03_07_RE4_3A_142490_ref	17N	8.773.594	-83.064.313	1510	marítimo	20	Oscura
1743602_2011-01-20_RE1_3A_142490	CR_1743602_2011_01_20_RE1_3A_142490_ref	17N	9.884.497	-83.737.462	1225	rural	60	Con reemplazo
1743106_2012-03-13_RE5_3A_142490	CR_1743106_2012_03_13_RE5_3A_142490_ref	17N	8.825.306	-82.917.679	908	rural	60	
1743107_2012-01-20_RE4_3A_142490	CR_1743107_2012_01_20_RE4_3A_142490_ref	17N	8.897.198	-82.739.415	1712	rural	40	Recorte

1743202_2012-03-29_RE2_3A_142490	CR_1743202_2012_03_29_RE2_3A_142490_ref	17N	9.070.741	-83.644.431	105	marítimo	40	Recorte
1743203_2012-03-02_RE3_3A_142490	CR_1743203_2012_03_02_RE3_3A_142490_ref	17N	8,97.171	-83.538.228	8	marítimo	40	
1743204_2012-03-02_RE3_3A_142490	CR_1743204_2012_03_02_RE3_3A_142490_ref	17N	9,02.273	-8.332.554	671	rural	40	Con reemplazo
1743204_2012-03-07_RE4_3A_142490	CR_1743204_2012_03_07_RE4_3A_142490_ref	17N	9.020.478	-83.323.278	676	rural	40	Con reemplazo
1743205_2012-03-07_RE4_3A_142490	CR_1743205_2012_03_07_RE4_3A_142490_ref	17N	9.011.065	-83.059.739	725	rural	40	
1743206_2012-01-20_RE4_3A_142490	CR_1743206_2012_01_20_RE4_3A_142490_ref	17N	8.996.024	-82.887.842	1849	rural	60	
1743207_2012-01-10_RE4_3A_142490	CR_1743207_2012_01_10_RE4_3A_142490_ref	17N	8,93416	-82.733.232	1545	rural	40	Recorte
1743301_2012-04-22_RE2_3A_142490	CR_1743301_2012_04_22_RE2_3A_142490_ref	17N	9.301.499	-83.856.261	49	marítimo	50	Recorte
1743302_2012-03-16_RE3_3A_142490	CR_1743302_2012_03_16_RE3_3A_142490_ref	17N	9.252.509	-83.697.063	785	marítimo	40	
1743303_2012-03-02_RE3_3A_142490	CR_1743303_2012_03_02_RE3_3A_142490_ref	17N	9.230.559	-83.499.979	499	rural	40	
1743304_2012-03-02_RE3_3A_142490	CR_1743304_2012_03_02_RE3_3A_142490_ref	17N	9.231.052	-83.305.158	488	rural	40	Con reemplazo
1743304_2012-03-07_RE4_3A_142490	CR_1743304_2012_03_07_RE4_3A_142490_ref	17N	9.226.308	-83.288.584	810	rural	30	Con reemplazo
1743305_2012-01-22_RE1_3A_142490	CR_1743305_2012_01_22_RE1_3A_142490_ref	17N	9.216.699	-83.062.916	2895	rural	20	Oscura
1743306_2012-01-22_RE1_3A_142490	CR_1743306_2012_01_22_RE1_3A_142490_ref	17N	9.237.397	-82.945.504	2071	rural	40	Recorte
1743401_2012-08-01_RE3_3A_142490	CR_1743401_2012_08_01_RE3_3A_142490_ref	17N	9.453.736	-83.949.098	462	marítimo	15	Corregida
1743402_2012-03-02_RE3_3A_142490	CR_1743402_2012_03_02_RE3_3A_142490_ref	17N	9.441.874	-83.730.381	1190	rural	40	
1743403_2012-03-02_RE3_3A_142490	CR_1743403_2012_03_02_RE3_3A_142490_ref	17N	9,44088	-83.508.582	3187	rural	30	
1743404_2012-03-02_RE3_3A_142490	CR_1743404_2012_03_02_RE3_3A_142490_ref	17N	9.441.108	-83.295.599	2268	rural	50	Corregida
1743603_2011-01-24_RE1_3A_142490	CR_1743603_2011_01_24_RE1_3A_142490_ref	17N	9.887.911	-83.508.213	960	rural	40	
1743702_2011-01-31_RE3_3A_142490	CR_1743702_2011_01_31_RE3_3A_142490_ref	17N	10.076.539	-83.743.807	1410	rural	20	Corregida/ Con reemplazo
1743405_2012-01-18_RE2_3A_142490	CR_1743405_2012_01_18_RE2_3A_142490_ref	17N	9.477.171	-83.068.286	988	rural	15	Corregida
1743406_2012-01-10_RE4_3A_143711	CR_1743406_2012_01_10_RE4_3A_143711_ref	17N	9.509.092	-82.861.181	101	rural	30	Con reemplazo
1743406_2012-01-18_RE2_3A_143711	CR_1743406_2012_01_18_RE2_3A_143711_ref	17N	9.524.067	-82.900.514	124	rural	40	Con reemplazo
1743407_2012-01-22_RE1_3A_142490	CR_1743407_2012_01_22_RE1_3A_142490_ref	17N	9.489.608	-8.265.445	12	marítimo	40	
1743501_2011-03-07_RE5_3A_142490	CR_1743501_2011_03_07_RE5_3A_142490_ref	17N	9.659.697	-83.964.576	1660	marítimo	20	Corregida
1743502_2012-03-02_RE3_3A_142490	CR_1743502_2012_03_02_RE3_3A_142490_ref	17N	9.667.417	-83.746.323	1860	rural	20	
1743503_2012-03-02_RE3_3A_142490	CR_1743503_2012_03_02_RE3_3A_142490_ref	17N	9.640.318	-83.507.477	1589	rural	60	
1743505_2012-01-18_RE2_3A_142490	CR_1743505_2012_01_18_RE2_3A_142490_ref	17N	9,65623	-83.077.542	313	rural	60	
1743506_2012-01-18_RE2_3A_142490	CR_1743506_2012_01_18_RE2_3A_142490_ref	17N	9,66.954	-82.874.231	155	marítimo	60	

1743507_2011-12-09_RE5_3A_142490	CR_1743507_2011_12_09_RE5_3A_142490_ref	17N	9.605.371	-82.639.581	9	marítimo	60	
1743504_2012-03-02_RE3_3A_142490	CR_1743504_2012_03_02_RE3_3A_142490_ref	17N	9.669.254	-83.302.777	1870	rural	15	Corregida
1743601_2012-04-15_RE4_3A_142490	CR_1743601_2012_04_15_RE4_3A_142490_ref	17N	9.856.057	-83.958.626	1487	urbano	15	
1743702_2012-03-02_RE3_3A_142490	CR_1743702_2012_03_02_RE3_3A_142490_ref	17N	10.111.499	-83.714.943	960	rural	40	Con reemplazo
1743703_2011-01-24_RE1_3A_142490	CR_1743703_2011_01_24_RE1_3A_142490_ref	17N	10.111.338	-83.507.745	60	rural	40	
1743704_2011-01-24_RE1_3A_142490	CR_1743704_2011_01_24_RE1_3A_142490_ref	17N	10.087.655	-83.298.845	9	marítimo	40	
1743705_2012-04-21_RE1_3A_142490	CR_1743705_2012_04_21_RE1_3A_142490_ref	17N	10.026.869	-83.163.171	3	marítimo	40	
1743801_2012-03-26_RE3_3A_142490	CR_1743801_2012_03_26_RE3_3A_142490_ref	17N	10.303.833	-83.963.548	132	rural	20	
1743802_2011-01-31_RE3_3A_142490	CR_1743802_2011_01_31_RE3_3A_142490_ref	17N	10.302.386	-83.737.643	82	urbano	40	
1743803_2011-03-14_RE2_3A_142490	CR_1743803_2011_03_14_RE2_3A_142490_ref	17N	10.271.399	-83.424.327	11	marítimo	40	Con reemplazo
1743803_2012-03-02_RE3_3A_142490	CR_1743803_2012_03_02_RE3_3A_142490_ref	17N	10.303.845	-83.519.772	18	marítimo	30	Con reemplazo
1743803_2012-03-20_RE2_3A_142490	CR_1743803_2012_03_20_RE2_3A_142490_ref	17N	10.309.269	-83.558.335	24	marítimo	20	Con reemplazo
1743804_2012-03-02_RE3_3A_142490	CR_1743804_2012_03_02_RE3_3A_142490_ref	17N	10.260.914	-83.381.457	7	marítimo	40	
1743901_2012-01-08_RE1_3A_142490	CR_1743901_2012_01_08_RE1_3A_142490_ref	17N	10.516.601	-83.959.689	42	marítimo	20	Corregida
1743902_2011-01-31_RE3_3A_142490	CR_1743902_2011_01_31_RE3_3A_142490_ref	17N	10.519.204	-83.740.184	33	marítimo	60	Con reemplazo
1743902_2012-01-08_RE1_3A_142490	CR_1743902_2012_01_08_RE1_3A_142490_ref	17N	10.519.204	-83.740.184	33	rural	15	Corregida/ Con reemplazo
1743903_2011-01-31_RE3_3A_142490	CR_1743903_2011_01_31_RE3_3A_142490_ref	17N	10.498.385	-83.584.547	14	marítimo	40	Con reemplazo
1743903_2012-04-22_RE2_3A_142490	CR_1743903_2012_04_22_RE2_3A_142490_ref	17N	1.050.764	-83.579.932	12	marítimo	30	Corregida/ Con reemplazo
1744001_2012-01-08_RE1_3A_142490	CR_1744001_2012_01_08_RE1_3A_142490_ref	17N	10.690.651	-83.990.173	41	marítimo	60	Corregida
1744002_2012-01-08_RE1_3A_142490	CR_1744002_2012_01_08_RE1_3A_142490_ref	17N	10.720.504	-83.627.182	23	marítimo	15	Corregida
1744003_2012-04-22_RE2_3A_142490	CR_1744003_2012_04_22_RE2_3A_142490_ref	17N	10.715.821	-83.611.147	14	marítimo	60	Corregida/Recorte
1744102_2012-04-22_RE2_3A_142490	CR_1744102_2012_04_22_RE2_3A_142490_ref	17N	10,8778	-83.638.144	20	marítimo	40	Recorte
1744103_2012-04-22_RE2_3A_142490	CR_1744103_2012_04_22_RE2_3A_142490_ref	17N	10.857.922	-83.627.182	23	marítimo	40	Recorte
1743602_2012-03-02_RE3_3A_142490	CR_1743602_2012_03_02_RE3_3A_142490_ref	17N	9,88106	-83.712.793	1108	rural	40	Con reemplazo

Anexo 6. Detalle de las imágenes procesadas hasta nivel de reflectancia, para El Salvador.

Cruda	Recodificada	UTM	Latitud	Longitud	Altura	Modelo	Visibilidad	Observaciones
2011-03-03T172813_RE4_3A-NAC_6787974_114636	SV_6787974_2011_03_03_RE4_3A_114636_ref	16N	13 396 627	-88 857 903	7	marítimo	60	recorte
2011-03-22T172702_RE4_3A-NAC_6764457_114269	SV_6764457_2011_03_22_RE4_3A_114269_ref	16N	13 785 546	-87 999 665	589	rural	40	nube
2011-03-22T172702_RE4_3A-NAC_6765693_114269	SV_6765693_2011_03_22_RE4_3A_114269_ref	16N	13 788 388	-87 816 309	406	rural	20	recorte/nube
2011-03-22T172703_RE4_3A-NAC_6767283_114269	SV_6767283_2011_03_22_RE4_3A_114269_ref	16N	13 791 319	-88 219 776	1169	rural	40	
2011-03-22T172705_RE4_3A-NAC_6765692_114269	SV_6765692_2011_03_22_RE4_3A_114269_ref	16N	13 582 391	-87 832 288	49	rural	40	recorte/nube
2011-03-22T172706_RE4_3A-NAC_6764854_114269	SV_6764854_2011_03_22_RE4_3A_114269_ref	16N	13 573 242	-88 217 480	134	rural	20	
2011-03-18T172425_RE5_3A-NAC_6767282_114269	SV_6767282_2011_03_18_RE5_3A_114269_ref	16N	13 347 105	-88 659 461	17	marítimo	40	nube
2011-03-22T172706_RE4_3A-NAC_6765535_114269	SV_6765535_2011_03_22_RE4_3A_114269_ref	16N	13 569 864	-87 998 583	196	marítimo	40	Muy Clara
2011-03-22T172709_RE4_3A-NAC_6765724_114269	SV_6765724_2011_03_22_RE4_3A_114269_ref	16N	13 350 689	-87 996 250	124	marítimo	40	
2011-03-22T172710_RE4_3A-NAC_6762958_114269	SV_6762958_2011_03_22_RE4_3A_114269_ref	16N	13 349 066	-88 219 286	58	marítimo	20	
2011-03-22T172713_RE4_3A-NAC_6762970_114269	SV_6762970_2011_03_22_RE4_3A_114269_ref	16N	13 214 099	-88 010 424	201	marítimo	40	recorte
2011-03-22T172710_RE4_3A-NAC_6764890_114269	SV_6764890_2011_03_22_RE4_3A_114269_ref	16N	13 359 706	-88 443 435	141	marítimo	20	
2011-03-22T172713_RE4_3A-NAC_6765817_114269	SV_6765817_2011_03_22_RE4_3A_114269_ref	16N	13 228 503	-88 237 432	456	marítimo	20	recorte
2011-03-24T171257_RE2_3A-NAC_6765818_114269	SV_6765818_2011_03_24_RE2_3A_114269_ref	16N	13 481 529	-87 747 705	134	marítimo	20	recorte
2011-04-13T173150_RE2_3A-NAC_6762944_114269	SV_6762944_2011_04_13_RE2_3A_114269_ref	16N	14 359 511	-89 280 274	1293	rural	30	recorte
2011-03-28T171712_RE1_3A-NAC_6765820_114269	SV_6765820_2011_03_28_RE1_3A_114269_ref	16N	13 286 553	-87 838 444	838	marítimo	30	oscura/nube
2011-03-28T171715_RE1_3A-NAC_6764639_114269	SV_6764639_2011_03_28_RE1_3A_114269_ref	16N	13 226 590	-87 877 229	79	marítimo	60	recorte
2011-04-13T173150_RE2_3A-NAC_6762968_114269	SV_6762968_2011_04_13_RE2_3A_114269_ref	16N	14 330 611	-89 168 958	1062	rural	60	recorte/nube
2011-04-13T173153_RE2_3A-NAC_6762957_114269	SV_6762957_2011_04_13_RE2_3A_114269_ref	16N	14 204 769	-89 117 773	557	rural	40	nubes
2011-03-18T172429_RE5_3A-NAC_6765823_114269	SV_6765823_2011_03_18_RE5_3A_114269_ref	16N	13 225 158	-88 646 195	1	marítimo	60	
2011-04-13T173153_RE2_3A-NAC_6762960_114269	SV_6762960_2011_04_13_RE2_3A_114269_ref	16N	14 152 716	-88 910 878	1183	rural	40	nubes
2011-04-13T173154_RE2_3A-NAC_6764855_114269	SV_6764855_2011_04_13_RE2_3A_114269_ref	16N	14 207 810	-89 360 622	499	rural	60	nubes
2011-04-13T173157_RE2_3A-NAC_6765696_114269	SV_6765696_2011_04_13_RE2_3A_114269_ref	16N	13 984 563	-89 339 598	316	rural	40	clara
2011-04-13T173158_RE2_3A-NAC_6765821_114269	SV_6765821_2011_04_13_RE2_3A_114269_ref	16N	13 951 566	-89 468 443	625	rural	40	recorte/clara
2011-04-13T173200_RE2_3A-NAC_6790719_114636	SV_6790719_2011_04_13_RE2_3A_114636_ref	16N	13 779 789	-89 108 537	609	marítimo	40	nube

2011-04-13T173201_RE2_3A-NAC_6764692_114269	SV_6764692_2011_04_13_RE2_3A_114269_ref	16N	13 770 948	-89 344 019	546	marítimo	60	
2011-04-13T173201_RE2_3A-NAC_6789196_114636	SV_6789196_2011_04_13_RE2_3A_114636_ref	16N	13 759 425	-89 476 826	504	marítimo	60	recorte/clara
2011-04-27T172555_RE2_3A-NAC_6764886_114269	SV_6764886_2011_04_27_RE2_3A_114269_ref	16N	13 379 340	-88 872 435	6	marítimo	30	oscura/nube
2011-04-27T172556_RE2_3A-NAC_6768527_114269	SV_6768527_2011_04_27_RE2_3A_114269_ref	16N	13 419 569	-89 081 901	19	marítimo	30	recorte
2011-03-10T173828_RE1_3A-NAC_6762966_114269	SV_6762966_2011_03_10_RE1_3A_114269_ref	16N	13 653 107	-89 903 622	12	marítimo	30	recorte
2011-03-15T172340_RE2_3A-NAC_6788258_114636	SV_6788258_2011_03_15_RE2_3A_114636_ref	16N	13 361 549	-88 868 037	4	marítimo	30	
2011-03-18T172415_RE5_3A-NAC_6762941_114269	SV_6762941_2011_03_18_RE5_3A_114269_ref	16N	13 951 714	-88 528 245	391	marítimo	40	recorte
2011-01-01T172856_RE5_3A-NAC_6766670_114269	SV_6766670_2011_01_01_RE5_3A_114269_ref	16N	13 552 007	-89 112 968	453	urbano	30	
2011-01-05T173138_RE4_3A-NAC_6798542_114824	SV_6798542_2011_01_05_RE4_3A_114269_ref	16N	13 790 913	-88 647 596	168	rural	40	
2011-01-05T173141_RE4_3A-NAC_6794918_114777	SV_6794918_2011_01_05_RE4_3A_114777_ref	16N	13 560 132	-88 431 313	481	rural	40	
2011-01-07T173652_RE1_3A-NAC_6762963_114269	SV_6762963_2011_01_07_RE1_3A_114269_ref	16N	13 581 712	-89 561 749	433	marítimo	40	recorte
2011-01-07T173651_RE1_3A-NAC_6765046_114269	SV_6765046_2011_01_07_RE1_3A_114269_ref	16N	13 574 774	-89 330 949	513	marítimo	30	
2011-01-07T173649_RE1_3A-NAC_6788786_114636	SV_6788786_2011_01_07_RE1_3A_114636_ref	16N	13 763 159	-89 549 304	688	rural	40	
2011-01-13T172041_RE3_3A-NAC_6788993_114636	SV_6788993_2011_01_13_RE3_3A_114636_ref	16N	13 367 002	-88 880 082	5	marítimo	30	
2011-01-07T173641_RE1_3A-NAC_6794957_114783	SV_6794957_2011_01_07_RE1_3A_114783_ref	16N	14 216 962	-89 340 038	466	rural	40	
2011-01-07T173638_RE1_3A-NAC_6794959_114783	SV_6794959_2011_01_07_RE1_3A_114824_ref	16N	14 341 111	-89 410 884	609	rural	40	
2011-01-07T173645_RE1_3A-NAC_6794960_114783	SV_6794960_2011_01_07_RE1_3A_114783_ref	16N	13 980 303	-89 574 340	719	rural	40	
2011-01-05T173141_RE4_3A-NAC_6798541_114824	SV_6798541_2011_01_05_RE4_3A_114824_ref	16N	13 547 393	-88 668 887	30	rural	40	
2011-03-01T172912_RE2_3A-NAC_6765725_114269	SV_6765725_2011_03_01_RE2_3A_114269_ref	16N	14 214 362	-89 569 454	452	rural	30	recorte
2011-03-03T172813_RE4_3A-NAC_6765819_114269	SV_6765819_2011_03_03_RE4_3A_114269_ref	16N	13 367 002	-88 880 082	6	marítimo	40	recorte
2011-03-22T172659_RE4_3A-NAC_6762971_114269	SV_6762971_2011_03_22_RE4_3A_114269_ref	16N	1 400 122	-8 777 782	1292	rural	40	recorte
2011-03-01T172914_RE2_3A-NAC_6765726_114269	SV_6765726_2011_03_01_RE2_3A_114269_ref	16N	13 998 998	-89 117 786	298	rural	20	
2011-03-02T172735_RE3_3A-NAC_6765694_114269	SV_6765694_2011_03_02_RE3_3A_114269_ref	16N	14 358 142	-89 408 172	884	rural	20	recorte
2011-03-02T172736_RE3_3A-NAC_6764459_114269	SV_6764459_2011_03_02_RE3_3A_114269_ref	16N	14 337 563	-89 517 689	535	rural	60	recorte
2011-03-02T172739_RE3_3A-NAC_6764570_114269	SV_6764570_2011_03_02_RE3_3A_114269_ref	16N	14 173 148	-89 547 690	603	rural	60	
2011-03-02T172740_RE3_3A-NAC_6765890_114269	SV_6765890_2011_03_02_RE3_3A_114269_ref	16N	14 121 082	-89 709 325	1242	rural	60	recorte
2011-03-02T172743_RE3_3A-NAC_6765047_114269	SV_6765047_2011_03_02_RE3_3A_114269_ref	16N	13 978 903	-89 785 646	552	rural	20	
2011-03-02T172743_RE3_3A-NAC_6769018_114269	SV_6769018_2011_03_02_RE3_3A_114269_ref	16N	13 980 398	-89 540 323	660	rural	60	

2011-03-02T172744_RE3_3A-NAC_6765641_114269	SV_6765641_2011_03_02_RE3_3A_114269_ref	16N	13 932 504	-89 960 899	378	marítimo	40	
2011-03-02T172744_RE3_3A-NAC_6766026_114269	SV_6766026_2011_03_02_RE3_3A_114269_ref	16N	13 918 041	-89 949 921	566	marítimo	40	
2011-03-02T172746_RE3_3A-NAC_6768911_114269	SV_6768911_2011_03_02_RE3_3A_114269_ref	16N	13 766 903	-89 594 516	719	marítimo	20	
2011-03-02T172747_RE3_3A-NAC_6762964_114269	SV_6762964_2011_03_02_RE3_3A_114269_ref	16N	13 785 654	-89 974 640	259	marítimo	20	
2011-03-02T172747_RE3_3A-NAC_6764888_114269	SV_6764888_2011_03_02_RE3_3A_114269_ref	16N	13 762 610	-89 770 797	544	marítimo	40	
2011-03-18T172418_RE5_3A-NAC_6762943_114269	SV_6762943_2011_03_18_RE5_3A_114269_ref	16N	13 776 940	-88 438 334	183	rural	60	
2011-03-22T172659_RE4_3A-NAC_6765539_114269	SV_6765539_2011_03_22_RE4_3A_114269_ref	16N	13 933 468	-88 055 849	879	rural	30	nube
2011-03-02T172747_RE3_3A-NAC_6768685_114269	SV_6768685_2011_03_02_RE3_3A_114269_ref	15N	13 776 371	-89 987 485	173	marítimo	40	
2011-03-02T172751_RE3_3A-NAC_6767229_114269	SV_6767229_2011_03_02_RE3_3A_114269_ref	15N	13 644 156	-89 905 068	10	marítimo	30	recorte
2011-03-03T172759_RE4_3A-NAC_6762969_114269	SV_6762969_2011_03_03_RE4_3A_114269_ref	16N	14 101 333	-88 780 878	322	rural	80	recorte
2011-03-02T172750_RE3_3A-NAC_6765540_114269	SV_6765540_2011_03_02_RE3_3A_114269_ref	16N	13 550 907	-89 760 683	40	marítimo	60	
2011-03-03T172812_RE4_3A-NAC_6762967_114269	SV_6762967_2011_03_03_RE4_3A_114269_ref	16N	13 349 840	-88 494 962	238	marítimo	30	
2011-03-03T172812_RE4_3A-NAC_6764889_114269	SV_6764889_2011_03_03_RE4_3A_114269_ref	16N	13 377 304	-88 677 715	32	marítimo	80	
2011-03-03T172811_RE4_3A-NAC_6765257_114269	SV_6765257_2011_03_03_RE4_3A_114269_ref	16N	13 558 063	-89 106 846	548	marítimo	60	
2011-03-03T172803_RE4_3A-NAC_6765466_114269	SV_6765466_2011_03_03_RE4_3A_114269_ref	16N	13 973 994	-88 651 115	305	rural	40	
2011-03-22T172700_RE4_3A-NAC_6765538_114269	SV_6765538_2011_03_22_RE4_3A_114269_ref	16N	13 953 486	-88 189 569	1010	rural	30	nube
2011-03-03T172803_RE4_3A-NAC_6765822_114269	SV_6765822_2011_03_03_RE4_3A_114269_ref	16N	13 998 344	-88 896 647	402	rural	40	
2011-03-03T172810_RE4_3A-NAC_6787978_114636	SV_6787978_2011_03_03_RE4_3A_114636_ref	16N	13 565 627	-88 872 574	1038	rural	40	
2011-03-03T172807_RE4_3A-NAC_6788142_114636	SV_6788142_2011_03_03_RE4_3A_114636_ref	16N	13 780 060	-89 068 668	556	urbano	30	
2011-03-03T172807_RE4_3A-NAC_6788144_114636	SV_6788144_2011_03_03_RE4_3A_114636_ref	16N	13 770 581	-88 877 975	615	rural	60	
2011-03-18T172421_RE5_3A-NAC_6790717_114636	SV_6790717_2011_03_18_RE5_3A_114636_ref	16N	13 566 260	-88 433 045	400	rural	30	nube

Anexo 7. Detalle de las imágenes procesadas hasta nivel de reflectancia, para Guatemala.

CRUDA	RECODIFICADA	UTM	LATITUD	LONGITUD	ALT	MODELO	VIS	OBSERVACIONES
1647302_2012-04-05_RE2_3A_146139	GT_1647302_2012_04_05_RE2_3A_146139_ref	16N	17.797.632	-89.837.878	59	rural	60	Recorte ROI
1647303_2012-04-05_RE2_3A_146139	GT_1647303_2012_04_05_RE2_3A_146139_ref	16N	17.799.586	-89.676.602	279	rural	40	Recorte ROI
1647303_2012-04-20_RE3_3A_146139	GT_1647303_2012_04_20_RE3_3A_146139_ref	16N	17.799.347	-89.604.102	285	rural	60	Recorte ROI
1647304_2012-04-20_RE3_3A_146139	GT_1647304_2012_04_20_RE3_3A_146139_ref	16N	17.804.322	-89.383.971	155	rural	20	Recorte ROI
1647305_2012-05-07_RE1_3A_146139	GT_1647305_2012_05_07_RE1_3A_146139_ref	16N	17.803.434	-89.201.684	108	rural	60	Recorte ROI
1545528_2012-08-28_RE5_3A_146139	GT_1545528_2012_08_28_RE5_3A_146139_ref	15N	13.983.930	-90.000.117	533	rural	20	Oscura
1545620_2011-02-20_RE2_3A_146139	GT_1545620_2011_02_20_RE2_3A_146139_ref	15N	14.216.340	-91.776.600	9	marítimo	30	
1545622_2012-04-03_RE5_3A_146139	GT_1545622_2012_04_03_RE5_3A_146139_ref	15N	14.213.650	-91.331.850	54	rural	30	
1545626_2011-03-04_RE5_3A_146139	GT_1545626_2011_03_04_RE5_3A_146139_ref	15N	14.205.800	-90.442.690	1188	rural	30	Oscura
1545626_2011-10-25_RE1_3A_146139	GT_1545626_2011_10_25_RE1_3A_146139_ref	15N	14.205.800	-90.442.690	1188	rural	30	Oscura
1545627_2012-03-02_RE2_3A_146139	GT_1545627_2012_03_02_RE2_3A_146139_ref	15N	14.203.320	-90.220.490	942	rural	20	Nubes
1545628_2012-03-02_RE2_3A_146139	GT_1545628_2012_03_02_RE2_3A_146139_ref	15N	14.200.630	-89.998.340	995	rural	20	Oscura
1546226_2011-02-01_RE2_3A_146139	GT_1546226_2011_02_01_RE2_3A_146139_ref	15N	15.506.440	-90.427.330	1647	rural	30	Nubes
1546227_2011-01-31_RE1_3A_146139	GT_1546227_2011_01_31_RE1_3A_146139_ref	15N	15.503.720	-90.203.800	1295	rural	30	Oscura/Nubes
1546227_2011-04-11_RE5_3A_146139	GT_1546227_2011_04_11_RE5_3A_146139_ref	15N	15.503.720	-90.203.800	1295	rural	20	Oscura
1546228_2011-04-11_RE5_3A_146139	GT_1546228_2011_04_11_RE5_3A_146139_ref	15N	15.500.780	-89.980.320	742	rural	30	
1546228_2012-03-02_RE2_3A_146139	GT_1546228_2012_03_02_RE2_3A_146139_ref	15N	15.500.780	-89.980.320	742	rural	30	Nubes
1546320_2012-01-17_RE4_3A_146139	GT_1546320_2012_01_17_RE4_3A_146139_ref	15N	15.734.920	-91.767.950	802	rural	30	Nubes
1546328_2012-03-02_RE2_3A_146139	GT_1546328_2012_03_02_RE2_3A_146139_ref	15N	15.717.450	-89.977.140	339	rural	30	Nubes
1546825_2012-08-19_RE5_3A_146139	GT_1546825_2012_08_19_RE5_3A_146139_ref	15N	16.809.620	-90.635.480	149	rural	30	Nubes
1546826_2012-08-19_RE5_3A_146139	GT_1546826_2012_08_19_RE5_3A_146139_ref	15N	16.806.910	-90.410.450	253	rural	30	Nubes
1645401_2011-12-01_RE5_3A_146139	GT_1645401_2011_12_01_RE5_3A_146139_ref	16N	13.767.220	-89.996.040	108	rural	40	
1645401_2012-07-26_RE5_3A_146139	GT_1645401_2012_07_26_RE5_3A_146139_ref	16N	13.767.220	-89.996.040	108	rural	40	
1645501_2011-12-01_RE5_3A_146139	GT_1645501_2011_12_01_RE5_3A_146139_ref	16N	13.983.930	-89.998.830	534	rural	40	

1645502_2012-02-11_RE1_3A_146139	GT_1645502_2012_02_11_RE1_3A_146139_ref	16N	13.986.570	-89.776.890	555	rural	40	
1645601_2011-12-01_RE5_3A_146139	GT_1645601_2011_12_01_RE5_3A_146139_ref	16N	14.200.630	-90.001.660	968	rural	40	
1645602_2011-12-01_RE5_3A_146139	GT_1645602_2011_12_01_RE5_3A_146139_ref	16N	14.203.320	-89.779.510	997	rural	40	
1646603_2011-03-08_RE4_3A_146139	GT_1646603_2011_03_08_RE4_3A_146139_ref	16N	16.373.440	-89.583.760	347	rural	30	Nubes
1646704_2011-03-30_RE2_3A_146139	GT_1646704_2011_03_30_RE2_3A_146139_ref	16N	16.592.850	-89.361.850	293	rural	30	Nubes
1546121_2012-02-24_RE4_3A_146139	GT_1546121_2012_02_24_RE4_3A_146139_ref	15N	15.299.720	-91.547.030	2230	rural	40	
1546122_2012-02-24_RE4_3A_146139	GT_1546122_2012_02_24_RE4_3A_146139_ref	15N	15.298.160	-91.323.560	1698	rural	40	
1546123_2012-03-03_RE3_3A_146139	GT_1546123_2012_03_03_RE3_3A_146139_ref	15N	15.296.370	-91.100.120	1367	rural	30	
1546124_2012-04-24_RE2_3A_146139	GT_1546124_2012_04_24_RE2_3A_146139_ref	15N	15.294.360	-90.876.710	1411	rural	30	
1546125_2012-04-24_RE2_3A_146139	GT_1546125_2012_04_24_RE2_3A_146139_ref	15N	15.292.130	-90.653.330	1428	rural	30	
1546126_2012-04-20_RE3_3A_146139	GT_1546126_2012_04_20_RE3_3A_146139_ref	15N	15.289.680	-90.429.990	1747	rural	20	Nubes/ recorte
1546126_2012-04-24_RE2_3A_146139	GT_1546126_2012_04_24_RE2_3A_146139_ref	15N	15.289.680	-90.429.990	1747	rural	20	Recorte
1546218_2012-03-12_RE2_3A_146139	GT_1546218_2012_03_12_RE2_3A_146139_ref	15N	15.520.030	-92.216.760	2113	rural	40	Recorte
1546219_2012-04-02_RE4_3A_146139	GT_1546219_2012_04_02_RE4_3A_146139_ref	15N	15.519.130	-91.993.000	2332	rural	20	Nubes
1546222_2012-02-24_RE4_3A_146139	GT_1546222_2012_02_24_RE4_3A_146139_ref	15N	15.515.050	-91.321.820	2954	rural	30	
1546223_2012-03-03_RE3_3A_146139	GT_1546223_2012_03_03_RE3_3A_146139_ref	15N	15.513.230	-91.098.140	1690	rural	30	
1546226_2012-02-18_RE3_3A_146139	GT_1546226_2012_02_18_RE3_3A_146139_ref	15N	15.506.440	-90.427.330	1680	rural	20	Nubes/Oscura
1546319_2012-03-31_RE2_3A_146139	GT_1546319_2012_03_31_RE2_3A_146139_ref	15N	15.736.070	-91.991.940	657	rural	40	Recorte
1546321_2012-04-26_RE4_3A_146139	GT_1546321_2012_04_26_RE4_3A_146139_ref	15N	15.733.540	-91.543.990	2574	rural	20	Nubes
1546325_2012-04-05_RE2_3A_146139	GT_1546325_2012_04_05_RE2_3A_146139_ref	15N	15.725.720	-90.648.420	360	rural	40	
1546326_2012-04-05_RE2_3A_146139	GT_1546326_2012_04_05_RE2_3A_146139_ref	15N	15.723.200	-90.424.620	439	rural	40	
1546327_2012-04-05_RE2_3A_146139	GT_1546327_2012_04_05_RE2_3A_146139_ref	15N	15.720.440	-90.200.860	321	rural	30	Nubes
1546327_2012-04-20_RE3_3A_146139	GT_1546327_2012_04_20_RE3_3A_146139_ref	15N	15.720.440	-90.200.860	321	rural	20	Oscura
1546328_2012-04-20_RE3_3A_146139	GT_1546328_2012_04_20_RE3_3A_146139_ref	15N	15.717.450	-89.977.140	401	rural	20	Nubes/Oscura
1546420_2012-06-05_RE1_3A_146139	GT_1546420_2012_06_05_RE1_3A_146139_ref	15N	15.951.840	-91.766.630	1080	rural	40	Recorte
1546421_2012-02-24_RE4_3A_146139	GT_1546421_2012_02_24_RE4_3A_146139_ref	15N	15.950.440	-91.542.430	2411	rural	40	
1546422_2012-02-24_RE4_3A_146139	GT_1546422_2012_02_24_RE4_3A_146139_ref	15N	15.948.810	-91.318.260	1502	rural	30	

1546425_2012-03-03_RE3_3A_146139	GT_1546425_2012_03_03_RE3_3A_146139_ref	15N	15.942.510	-90.645.910	187	rural	40	
1546426_2012-04-05_RE2_3A_146139	GT_1546426_2012_04_05_RE2_3A_146139_ref	15N	15.939.950	-90.421.880	197	rural	40	
1546427_2012-04-05_RE2_3A_146139	GT_1546427_2012_04_05_RE2_3A_146139_ref	15N	15.937.150	-90.197.880	342	rural	30	
1546428_2012-04-20_RE3_3A_146139	GT_1546428_2012_04_20_RE3_3A_146139_ref	15N	15.934.120	-89.973.920	154	rural	20	Nubes/Oscura
1546520_2012-06-05_RE1_3A_146139	GT_1546520_2012_06_05_RE1_3A_146139_ref	15N	16.168.760	-91.765.300	1579	rural	40	
1546521_2012-06-05_RE1_3A_146139	GT_1546521_2012_06_05_RE1_3A_146139_ref	15N	16.167.340	-91.540.860	793	rural	30	Recorte
1546522_2012-03-29_RE5_3A_146139	GT_1546522_2012_03_29_RE5_3A_146139_ref	15N	16.165.680	-91.316.440	548	rural	40	Recorte
1546523_2012-02-24_RE4_3A_146139	GT_1546523_2012_02_24_RE4_3A_146139_ref	15N	16.163.790	-91.092.050	534	rural	40	Recorte
1546524_2012-03-03_RE3_3A_146139	GT_1546524_2012_03_03_RE3_3A_146139_ref	15N	16.161.660	-90.867.690	161	rural	40	Recorte
1546525_2012-03-03_RE3_3A_146139	GT_1546525_2012_03_03_RE3_3A_146139_ref	15N	16.159.300	-90.643.360	186	rural	40	Recorte
1545821_2011-02-20_RE2_3A_147887	GT_1545821_2011_02_20_RE2_3A_147887_ref	15N	14.648.960	-91.551.410	1327	rural	20	Nubes
1546127_2010-11-16_RE2_3A_147887	GT_1546127_2010_11_16_RE2_3A_147887_ref	15N	15.287.000	-90.206.700	1494	rural	30	Nubes/
1546221_2011-12-04_RE3_3A_147379	GT_1546221_2011_12_04_RE3_3A_147379_ref	15N	15.516.630	-91.545.520	3784	rural	40	
1546322_2010-12-18_RE5_3A_147379	GT_1546322_2010_12_18_RE5_3A_147379_ref	15N	15.731.930	-91.320.050	1536	rural	30	
1546423_2012-03-29_RE5_3A_147379	GT_1546423_2012_03_29_RE5_3A_147379_ref	15N	15.946.940	-91.094.120	241	rural	40	
1646402_2011-03-08_RE4_3A_146139	GT_1646402_2011_03_08_RE4_3A_146139_ref	16N	15.937.150	-89.802.120	199	rural	40	
1646403_2011-03-08_RE4_3A_146139	GT_1646403_2011_03_08_RE4_3A_146139_ref	16N	15.939.950	-89.578.120	262	rural	30	
1646404_2011-03-30_RE2_3A_146139	GT_1646404_2011_03_30_RE2_3A_146139_ref	16N	15.942.510	-89.354.090	319	rural	40	
1646407_2012-02-23_RE4_3A_146139	GT_1646407_2012_02_23_RE4_3A_146139_ref	16N	15.840.331	-88.770.457	15	marítimo	30	Nubes
1646501_2012-04-05_RE2_3A_146139	GT_1646501_2012_04_05_RE2_3A_146139_ref	16N	16.150.790	-90.029.360	122	rural	40	
1646504_2012-05-07_RE1_3A_146139	GT_1646504_2012_05_07_RE1_3A_146139_ref	16N	16.159.300	-89.356.640	313	rural	30	Nubes
1646601_2012-04-05_RE2_3A_146139	GT_1646601_2012_04_05_RE2_3A_146139_ref	16N	16.367.450	-90.032.680	115	rural	40	
1646604_2012-05-07_RE1_3A_146139	GT_1646604_2012_05_07_RE1_3A_146139_ref	16N	16.376.080	-89.359.220	568	rural	20	Nubes
1647004_2010-12-10_RE2_3A_147379	GT_1647004_2010_12_10_RE2_3A_147379_ref	16N	17.243.140	-89.369.970	252	rural	20	Nubes
1647102_2011-03-28_RE5_3A_147379	GT_1647102_2011_03_28_RE5_3A_147379_ref	16N	17.454.000	-89.824.350	368	rural	20	
1546225_2012-03-03_RE3_3A_146139	GT_1546225_2012_03_03_RE3_3A_146139_ref	15N	15.508.930	-90.650.890	988	rural	30	
1546323_2012-04-04_RE1_3A_146139	GT_1546323_2012_04_04_RE1_3A_146139_ref	15N	15.730.090	-91.096.150	674	rural	30	

1546324_2012-03-03_RE3_3A_146139	GT_1546324_2012_03_03_RE3_3A_146139_ref	15N	15.728.020	-90.872.270	769	rural	30	
1546421_2012-04-26_RE4_3A_146139	GT_1546421_2012_04_26_RE4_3A_146139_ref	15N	15.950.440	-91.542.430	2411	rural	20	Nubes
1546424_2012-03-03_RE3_3A_146139	GT_1546424_2012_03_03_RE3_3A_146139_ref	15N	15.944.840	-90.870.000	229	rural	40	
1546528_2012-04-20_RE3_3A_146139	GT_1546528_2012_04_20_RE3_3A_146139_ref	15N	16.150.790	-89.970.640	129	rural	20	Nubes
1546728_2012-04-20_RE3_3A_146139	GT_1546728_2012_04_20_RE3_3A_146139_ref	15N	16.584.100	-89.963.940	161	rural	30	Nubes
1546927_2012-02-18_RE3_3A_146139	GT_1546927_2012_02_18_RE3_3A_146139_ref	15N	17.020.640	-90.182.240	91	rural	40	
1545821_2012-01-17_RE4_3A_146139	GT_1545821_2012_01_17_RE4_3A_146139_ref	15N	14.648.960	-91.551.410	1088	rural	40	oscura
1545821_2012-01-18_RE5_3A_146139	GT_1545821_2012_01_18_RE5_3A_146139_ref	15N	14.648.960	-91.551.410	1088	rural	30	
1545822_2012-01-04_RE1_3A_146139	GT_1545822_2012_01_04_RE1_3A_146139_ref	15N	14.647.470	-91.328.610	1955	rural	40	
1545823_2012-01-04_RE1_3A_146139	GT_1545823_2012_01_04_RE1_3A_146139_ref	15N	14.645.760	-91.105.840	1782	rural	40	
1545825_2012-09-03_RE1_3A_146139	GT_1545825_2012_09_03_RE1_3A_146139_ref	15N	14.641.710	-90.660.400	2139	urbano	40	
1545826_2012-09-03_RE1_3A_146139	GT_1545826_2012_09_03_RE1_3A_146139_ref	15N	14.639.360	-90.437.740	1448	urbano	60	
1545827_2012-03-08_RE3_3A_146139	GT_1545827_2012_03_08_RE3_3A_146139_ref	15N	14.636.800	-90.215.110	1282	rural	40	
1545828_2012-03-08_RE3_3A_146139	GT_1545828_2012_03_08_RE3_3A_146139_ref	15N	14.634.030	-89.992.530	1371	rural	60	
1545920_2011-01-10_RE4_3A_146139	GT_1545920_2011_01_10_RE4_3A_146139_ref	15N	14.870.006	-91.821.359	2730	rural	60	polígono
1545920_2011-12-04_RE3_3A_146139	GT_1545920_2011_12_04_RE3_3A_146139_ref	15N	14.867.190	-91.773.020	2028	rural	15	nubes
1545524_2012-04-24_RE2_3A_146139	GT_1545524_2012_04_24_RE2_3A_146139_ref	15N	13.993.280	-90.889.200	33	marítimo	30	
1545521_2012-04-26_RE4_3A_146139	GT_1545521_2012_04_26_RE4_3A_146139_ref	15N	13.998.160	-91.555.580	3	marítimo	40	
1545526_2012-04-14_RE2_3A_146139	GT_1545526_2012_04_14_RE2_3A_146139_ref	15N	13.989.010	-90.445.110	79	marítimo	15	
1545619_2012-04-29_RE2_3A_146139	GT_1545619_2012_04_29_RE2_3A_146139_ref	15N	14.217.380	-91.999.020	13	marítimo	20	recorte
1545621_2012-04-03_RE5_3A_146139	GT_1545621_2012_04_03_RE5_3A_146139_ref	15N	14.215.100	-91.554.210	41	marítimo	20	
1545623_2012-04-24_RE2_3A_146139	GT_1545623_2012_04_24_RE2_3A_146139_ref	15N	14.212.000	-91.109.510	135	rural	20	
1545624_2012-04-24_RE2_3A_146139	GT_1545624_2012_04_24_RE2_3A_146139_ref	15N	14.210.140	-90.887.200	39	rural	40	
1545625_2011-11-25_RE4_3A_146139	GT_1545625_2011_11_25_RE4_3A_146139_ref	15N	14.208.070	-90.664.920	177	rural	40	
1545718_2012-04-29_RE2_3A_146139	GT_1545718_2012_04_29_RE2_3A_146139_ref	15N	14.495.127	-92.156.689	3	marítimo	20	recorte
1545719_2012-04-29_RE2_3A_146139	GT_1545719_2012_04_29_RE2_3A_146139_ref	15N	14.434.350	-91.998.050	29	marítimo	40	
1545720_2012-04-29_RE2_3A_146139	GT_1545720_2012_04_29_RE2_3A_146139_ref	15N	14.433.290	-91.775.430	95	rural	40	

1545723_2012-04-24_RE2_3A_146139	GT_1545723_2012_04_24_RE2_3A_146139_ref	15N	14.428.880	-91.107.690	593	rural	15	
1545724_2012-04-24_RE2_3A_146139	GT_1545724_2012_04_24_RE2_3A_146139_ref	15N	14.426.990	-90.885.170	2494	rural	40	
1545725_2012-04-24_RE2_3A_146139	GT_1545725_2012_04_24_RE2_3A_146139_ref	15N	14.424.890	-90.662.680	1306	rural	30	
1545818_2012-01-15_RE2_3A_146139	GT_1545818_2012_01_15_RE2_3A_146139_ref	15N	14.637.669	-92.125.251	25	marítimo	60	
1545819_2012-04-29_RE2_3A_146139	GT_1545819_2012_04_29_RE2_3A_146139_ref	15N	14.651.310	-91.997.070	106	rural	60	
1545820_2012-03-07_RE2_3A_146139	GT_1545820_2012_03_07_RE2_3A_146139_ref	15N	14.650.240	-91.774.230	688	rural	60	
1545824_2012-04-24_RE2_3A_146139	GT_1545824_2012_04_24_RE2_3A_146139_ref	15N	14.643.840	-90.883.100	2020	rural	80	
1545919_2012-03-07_RE2_3A_146139	GT_1545919_2012_03_07_RE2_3A_146139_ref	15N	14.868.270	-91.996.080	599	rural	40	
1545922_2012-02-24_RE4_3A_146139	GT_1545922_2012_02_24_RE4_3A_146139_ref	15N	14.864.370	-91.326.960	2901	rural	40	
1545925_2012-04-24_RE2_3A_146139	GT_1545925_2012_04_24_RE2_3A_146139_ref	15N	14.858.520	-90.658.080	756	rural	40	
1546018_2012-01-15_RE2_3A_146139	GT_1546018_2012_01_15_RE2_3A_146139_ref	15N	15.127.825	-92.083.064	3283	rural	20	polígono
1546021_2012-02-24_RE4_3A_146139	GT_1546021_2012_02_24_RE4_3A_146139_ref	15N	15.082.810	-91.548.520	2603	rural	40	
1546022_2012-02-24_RE4_3A_146139	GT_1546022_2012_02_24_RE4_3A_146139_ref	15N	15.081.270	-91.325.270	1909	rural	40	
1546023_2012-04-24_RE2_3A_146139	GT_1546023_2012_04_24_RE2_3A_146139_ref	15N	15.079.500	-91.102.060	2418	rural	80	
1546024_2012-04-24_RE2_3A_146139	GT_1546024_2012_04_24_RE2_3A_146139_ref	15N	15.077.530	-90.878.880	1958	rural	40	
1546025_2012-04-24_RE2_3A_146139	GT_1546025_2012_04_24_RE2_3A_146139_ref	15N	15.075.330	-90.655.720	1315	rural	30	
1546026_2012-04-05_RE2_3A_146139	GT_1546026_2012_04_05_RE2_3A_146139_ref	15N	15.072.910	-90.432.620	1513	rural	40	
1546118_2012-03-07_RE2_3A_146139	GT_1546118_2012_03_07_RE2_3A_146139_ref	15N	15.303.070	-92.217.570	1721	rural	60	recorte
1546118_2012-03-12_RE2_3A_146139	GT_1546118_2012_03_12_RE2_3A_146139_ref	15N	15.276.135	-92.166.139	2671	rural	20	recorte
1546119_2012-03-16_RE1_3A_146139	GT_1546119_2012_03_16_RE1_3A_146139_ref	15N	15.302.180	-91.994.040	2476	rural	40	
1546120_2012-02-23_RE3_3A_146139	GT_1546120_2012_02_23_RE3_3A_146139_ref	15N	15.301.060	-91.770.520	2325	rural	40	
1647105_2012-05-07_RE1_3A_146139	GT_1647105_2012_05_07_RE1_3A_146139_ref	16N	17.462.470	-89.146.900	170	rural	80	
1647201_2012-04-05_RE2_3A_146139	GT_1647201_2012_04_05_RE2_3A_146139_ref	16N	17.667.290	-90.053.700	233	rural	40	
1647202_2012-04-05_RE2_3A_146139	GT_1647202_2012_04_05_RE2_3A_146139_ref	16N	17.670.670	-89.827.710	309	rural	40	
1647203_2012-04-20_RE3_3A_146139	GT_1647203_2012_04_20_RE3_3A_146139_ref	16N	17.673.790	-89.601.670	301	rural	40	
1647204_2012-04-20_RE3_3A_146139	GT_1647204_2012_04_20_RE3_3A_146139_ref	16N	17.676.650	-89.375.590	107	rural	40	
1647205_2012-05-07_RE1_3A_146139	GT_1647205_2012_05_07_RE1_3A_146139_ref	16N	17.679.250	-89.149.470	192	rural	40	

1647301_2012-07-14_RE2_3A_146139	GT_1647301_2012_07_14_RE2_3A_146139_ref	16N	17.883.910	-90.057.390	226	rural	40	recorte
1545523_2012-04-24_RE2_3A_146139	GT_1545523_2012_04_24_RE2_3A_146139_ref	15N	13.995.110	-91.111.300	14	marítimo	15	
1545620_2012-04-26_RE4_3A_146139	GT_1545620_2012_04_26_RE4_3A_146139_ref	15N	14.216.340	-91.776.600	18	marítimo	30	
1545918_2012-03-07_RE2_3A_146139	GT_1545918_2012_03_07_RE2_3A_146139_ref	15N	14.840.436	-92.148.384	182	rural	40	
1545923_2012-04-24_RE2_3A_146139	GT_1545923_2012_04_24_RE2_3A_146139_ref	15N	14.862.630	-91.103.970	2392	rural	15	
1545924_2012-04-24_RE2_3A_146139	GT_1545924_2012_04_24_RE2_3A_146139_ref	15N	14.860.690	-90.881.000	1636	rural	40	
1545927_2012-04-14_RE2_3A_146139	GT_1545927_2012_04_14_RE2_3A_146139_ref	15N	14.853.540	-90.212.350	564	rural	15	
1546019_2012-03-07_RE2_3A_146139	GT_1546019_2012_03_07_RE2_3A_146139_ref	15N	15.085.230	-91.995.060	2068	rural	40	
1546224_2012-03-03_RE3_3A_146139	GT_1546224_2012_03_03_RE3_3A_146139_ref	15N	15.511.190	-90.874.500	1045	rural	40	
1545720_2011-11-15_RE3_3A_146139	GT_1545720_2011_11_15_RE3_3A_146139_ref	15N	14.429.606	-91.772.559	90	marítimo	40	
1545721_2012-04-03_RE5_3A_146139	GT_1545721_2012_04_03_RE5_3A_146139_ref	15N	14.428.874	-91.553.186	136	marítimo	60	
1545722_2012-04-03_RE5_3A_146139	GT_1545722_2012_04_03_RE5_3A_146139_ref	15N	14.424.566	-91.327.434	193	marítimo	60	
1545725_2011-10-25_RE1_3A_146139	GT_1545725_2011_10_25_RE1_3A_146139_ref	15N	14.419.983	-90.662.777	1222	marítimo	60	Oscura
1545726_2011-10-25_RE1_3A_146139	GT_1545726_2011_10_25_RE1_3A_146139_ref	15N	144.713.640	-90.430.593	1368	rural	60	
1545727_2012-03-01_RE1_3A_146139	GT_1545727_2012_03_01_RE1_3A_146139_ref	15N	14.419.683	-90.218.021	1326	rural	40	
1545728_2012-03-01_RE1_3A_146139	GT_1545728_2012_03_01_RE1_3A_146139_ref	15N	14.415.839	-89.995.781	1730	rural	40	
1646207_2011-04-04_RE3_3A_146139	GT_1646207_2011_04_04_RE3_3A_146139_ref	16N	15.513.078	-88.675.228	62	marítimo	40	
1646208_2011-01-09_RE4_3A_146139	GT_1646208_2011_01_09_RE4_3A_146139_ref	16N	15.558.330	-882.500.184	21	marítimo	20	
1646209_2012-03-20_RE1_3A_146139	GT_1646209_2012_03_20_RE1_3A_146139_ref	16N	15.623.759	-88.342.882	10	marítimo	40	Recorte
1646301_2011-03-08_RE4_3A_146139	GT_1646301_2011_03_08_RE4_3A_146139_ref	16N	15.713.652	-90.021.424	729	rural	60	Oscura/ Reemplazo
1646301_2011-11-26_RE5_3A_146139	GT_1646301_2011_11_26_RE5_3A_146139_ref	16N	15.713.652	-90.021.424	729	rural	20	Reemplazo/ Recorte
1646302_2011-11-26_RE5_3A_146139	GT_1646302_2011_11_26_RE5_3A_146139_ref	16N	15.717.403	-89.799.333	318	rural	20	
1646303_2011-03-30_RE2_3A_146139	GT_1646303_2011_03_30_RE2_3A_146139_ref	16N	15.721.719	-89.573.329	311	rural	60	Recorte/Reemplazo
1646303_2011-11-26_RE5_3A_146139	GT_1646303_2011_11_26_RE5_3A_146139_ref	16N	15.721.719	-89.573.329	311	rural	60	Reemplazo
1646307_2011-01-09_RE4_3A_146139	GT_1646307_2011_01_09_RE4_3A_146139_ref	16N	15.701.423	-88.668.254	122	marítimo	40	
1646308_2011-01-09_RE4_3A_146139	GT_1646308_2011_01_09_RE4_3A_146139_ref	16N	15.799.833	-88.447.186	9	marítimo	40	

1547128_2012-04-05_RE2_3A_146139	GT_1547128_2012_04_05_RE2_3A_146139_ref	15N	17.447.502	-89.943.083	301	rural	40	
1547223_2012-03-29_RE5_3A_146139	GT_1547223_2012_03_29_RE5_3A_146139_ref	15N	17.677.118	-90.974.696	59	rural	40	Recorte
1547225_2012-06-01_RE2_3A_146139	GT_1547225_2012_06_01_RE2_3A_146139_ref	15N	17.671.362	-90.622.611	67	rural	60	
1547226_2012-05-09_RE3_3A_146139	GT_1547226_2012_05_09_RE3_3A_146139_ref	15N	17.670.183	-90.397.830	134	rural	40	
1547227_2012-04-05_RE2_3A_146139	GT_1547227_2012_04_05_RE2_3A_146139_ref	15N	17.668.427	90170614	215	rural	30	Muy clara
1547228_2012-04-05_RE2_3A_146139	GT_1547228_2012_04_05_RE2_3A_146139_ref	15N	17.660.178	-84.942.100	273	rural	30	Muy clara
1547323_2012-04-02_RE4_3A_146139	GT_1547323_2012_04_02_RE4_3A_146139_ref	15N	17.802.830	-90.973.441	60	rural	40	Recorte
1547324_2012-04-04_RE1_3A_146139	GT_1547324_2012_04_04_RE1_3A_146139_ref	15N	17.849.349	-90.849.349	55	rural	40	Recorte
1547326_2012-05-09_RE3_3A_146139	GT_1547326_2012_05_09_RE3_3A_146139_ref	15N	17.804.590	-90.615.549	67	rural	40	Recorte
1547328_2012-07-14_RE2_3A_146139	GT_1547328_2012_07_14_RE2_3A_146139_ref	15N	17.894.757	-89.929.032	270	rural	60	Muy clara
1645704_2012-02-24_RE5_3A_146139	GT_1645704_2012_02_24_RE5_3A_146139_ref	16N	14.423.587	-89.336.957	2094	rural	60	Recorte
1645804_2012-02-24_RE5_3A_146139	GT_1645804_2012_02_24_RE5_3A_146139_ref	16N	14.642.765	-89.340.657	1139	rural	60	
1645805_2012-02-24_RE5_3A_146139	GT_1645805_2012_02_24_RE5_3A_146139_ref	16N	14.659.172	-89.183.977	1139	rural	40	Recorte
1645904_2012-02-24_RE5_3A_146139	GT_1645904_2012_02_24_RE5_3A_146139_ref	16N	14.871.296	-89.335.471	746	rural	40	
1645905_2012-02-24_RE5_3A_146139	GT_1645905_2012_02_24_RE5_3A_146139_ref	16N	14.857.892	-89.233.323	605	rural	60	Recorte
1646001_2012-03-02_RE2_3A_146139	GT_1646001_2012_03_02_RE2_3A_146139_ref	16N	15.065.421	-90.012.660	2279	rural	40	
1646004_2012-02-24_RE5_3A_146139	GT_1646004_2012_02_24_RE5_3A_146139_ref	16N	15.073.806	-89.342.301	410	rural	60	
1646005_2012-02-24_RE5_3A_146139	GT_1646005_2012_02_24_RE5_3A_146139_ref	16N	15.114.810	-89.116.607	628	rural	40	
1646006_2012-02-24_RE5_3A_146139	GT_1646006_2012_02_24_RE5_3A_146139_ref	16N	15.164.459	-88.969.852	189	rural	40	Recorte
1646105_2012-02-24_RE5_3A_146139	GT_1646105_2012_02_24_RE5_3A_146139_ref	16N	15.295.438	-89.124.995	155	rural	60	
1646408_2012-08-02_RE3_3A_146139	GT_1646408_2012_08_02_RE3_3A_146139_ref	16N	15.897.521	-88.530.760	7	marítimo	60	Recorte
1646501_2011-03-08_RE4_3A_146139	GT_1646501_2011_03_08_RE4_3A_146139_ref	16N	16.154.522	-90.045.912	149	rural	60	
1646502_2011-03-08_RE4_3A_146139	GT_1646502_2011_03_08_RE4_3A_146139_ref	16N	16.144.713	-89.802.899	162	rural	40	
1646503_2011-03-08_RE4_3A_146139	GT_1646503_2011_03_08_RE4_3A_146139_ref	16N	16.148.869	-89.577.085	329	rural	40	
1645603_2012-03-06_RE1_3A_146139	GT_1645603_2012_03_06_RE1_3A_146139_ref	16N	14.261.071	-89.605.919	618	rural	20	
1645701_2012-03-01_RE1_3A_146139	GT_1645701_2012_03_01_RE1_3A_146139_ref	16N	14.417.340	-90.004.540	1801	rural	60	
1645702_2012-03-02_RE2_3A_146139	GT_1645702_2012_03_02_RE2_3A_146139_ref	16N	14.420.060	-89.782.170	1521	rural	20	Nubes

1645703_2012-07-26_RE5_3A_146139	GT_1645703_2012_07_26_RE5_3A_146139_ref	16N	14.438.154	-89.582.353	855	rural	40	
1645801_2012-03-08_RE3_3A_146139	GT_1645801_2012_03_08_RE3_3A_146139_ref	16N	14.634.030	-90.007.470	1423	rural	40	
1645802_2012-03-02_RE2_3A_146139	GT_1645802_2012_03_02_RE2_3A_146139_ref	16N	14.636.800	-89.784.890	1465	rural	60	
1645803_2012-05-29_RE4_3A_146139	GT_1645803_2012_05_29_RE4_3A_146139_ref	16N	14.639.360	-89.562.260	917	rural	40	Nubes
1645901_2012-03-08_RE3_3A_146139	GT_1645901_2012_03_08_RE3_3A_146139_ref	16N	14.850.730	-90.010.450	761	rural	20	Oscura
1645902_2012-03-02_RE2_3A_146139	GT_1645902_2012_03_02_RE2_3A_146139_ref	16N	14.853.540	-89.787.650	605	rural	40	
1645903_2012-01-20_RE3_3A_146139	GT_1645903_2012_01_20_RE3_3A_146139_ref	16N	14.856.140	-89.564.800	856	rural	40	Nubes
1645903_2012-03-28_RE4_3A_146139	GT_1645903_2012_03_28_RE4_3A_146139_ref	16N	14.856.140	-89.564.800	856	rural	60	Recorte/Oscura
1646002_2012-03-02_RE2_3A_146139	GT_1646002_2012_03_02_RE2_3A_146139_ref	16N	15.070.270	-89.790.450	1577	rural	60	
1646003_2012-03-02_RE2_3A_146139	GT_1646003_2012_03_02_RE2_3A_146139_ref	16N	15.134.394	-89.624.123	2103	rural	20	
1646003_2012-03-28_RE4_3A_146139	GT_1646003_2012_03_28_RE4_3A_146139_ref	16N	15.072.910	-89.567.380	438	rural	20	Nubes/Oscura
1646101_2011-03-08_RE4_3A_146139	GT_1646101_2011_03_08_RE4_3A_146139_ref	16N	15.284.100	-90.016.560	556	rural	40	
1646102_2011-11-26_RE5_3A_146139	GT_1646102_2011_11_26_RE5_3A_146139_ref	16N	15.287.000	-89.793.300	275	rural	60	
1646103_2011-11-26_RE5_3A_146139	GT_1646103_2011_11_26_RE5_3A_146139_ref	16N	15.289.680	-89.570.010	87	rural	40	
1646104_2011-03-05_RE1_3A_146139	GT_1646104_2011_03_05_RE1_3A_146139_ref	16N	15.292.130	-89.346.670	599	rural	40	
1646107_2011-04-04_RE3_3A_146139	GT_1646107_2011_04_04_RE3_3A_146139_ref	16N	15.333.000	-88.731.909	724	rural	60	
1646201_2012-03-08_RE3_3A_146139	GT_1646201_2012_03_08_RE3_3A_146139_ref	16N	15.500.780	-90.019.680	649	rural	20	Nubes
1646202_2011-11-26_RE5_3A_146139	GT_1646202_2011_11_26_RE5_3A_146139_ref	16N	15.503.720	-89.796.200	514	rural	60	
1646203_2011-11-26_RE5_3A_146139	GT_1646203_2011_11_26_RE5_3A_146139_ref	16N	15.506.440	-89.572.670	580	rural	40	
1646605_2012-05-07_RE1_3A_146139	GT_1646605_2012_05_07_RE1_3A_146139_ref	16N	16.372.883	-89.213.803	743	marítimo	20	Recorte
1646701_2012-04-05_RE2_3A_146139	GT_1646701_2012_04_05_RE2_3A_146139_ref	16N	16.584.100	-90.036.060	126	rural	60	
1646701_2012-04-20_RE3_3A_146139	GT_1646701_2012_04_20_RE3_3A_146139_ref	16N	16.584.100	-90.036.060	126	rural	60	
1646702_2012-04-20_RE3_3A_146139	GT_1646702_2012_04_20_RE3_3A_146139_ref	16N	16.587.260	-89.811.360	180	rural	40	Nubes
1646704_2012-05-07_RE1_3A_146139	GT_1646704_2012_05_07_RE1_3A_146139_ref	16N	16.592.850	-89.361.850	293	rural	20	Nubes/Oscura
1646705_2012-01-23_RE1_3A_146139	GT_1646705_2012_01_23_RE1_3A_146139_ref	16N	16.595.393	-89.215.177	504	rural	20	Nubes/Recorte
1646705_2012-02-24_RE5_3A_146139	GT_1646705_2012_02_24_RE5_3A_146139_ref	16N	16.573.712	-89.199.049	629	rural	20	
1646801_2012-04-05_RE2_3A_146139	GT_1646801_2012_04_05_RE2_3A_146139_ref	16N	16.800.750	-90.039.480	200	rural	40	

1646802_2012-04-20_RE3_3A_146139	GT_1646802_2012_04_20_RE3_3A_146139_ref	16N	16.803.950	-89.814.540	212	rural	40	
1646803_2012-04-20_RE3_3A_146139	GT_1646803_2012_04_20_RE3_3A_146139_ref	16N	16.806.910	-89.589.550	333	rural	60	
1646804_2012-05-07_RE1_3A_146139	GT_1646804_2012_05_07_RE1_3A_146139_ref	16N	16.809.620	-89.364.520	191	rural	20	
1646805_2012-02-24_RE5_3A_146139	GT_1646805_2012_02_24_RE5_3A_146139_ref	16N	16.790.581	-89.169.162	435	rural	40	
1646805_2012-03-28_RE4_3A_146139	GT_1646805_2012_03_28_RE4_3A_146139_ref	16N	16.812.704	-89.199.939	418	rural	40	Nubes
1646901_2012-02-18_RE3_3A_146139	GT_1646901_2012_02_18_RE3_3A_146139_ref	16N	17.017.390	-90.042.960	222	rural	60	
1646902_2012-04-20_RE3_3A_146139	GT_1646902_2012_04_20_RE3_3A_146139_ref	16N	17.020.640	-89.817.760	216	rural	20	Oscura
1646903_2012-04-20_RE3_3A_146139	GT_1646903_2012_04_20_RE3_3A_146139_ref	16N	17.023.640	-89.592.510	443	rural	60	
1646904_2012-05-07_RE1_3A_146139	GT_1646904_2012_05_07_RE1_3A_146139_ref	16N	17.026.380	-89.367.230	268	rural	40	
1646905_2012-05-07_RE1_3A_146139	GT_1646905_2012_05_07_RE1_3A_146139_ref	16N	17.027.723	-89.192.412	209	rural	40	Nubes
1647001_2012-04-05_RE2_3A_146139	GT_1647001_2012_04_05_RE2_3A_146139_ref	16N	17.234.030	-90.046.490	81	rural	20	
1647002_2012-04-05_RE2_3A_146139	GT_1647002_2012_04_05_RE2_3A_146139_ref	16N	17.237.320	-89.821.030	253	rural	60	
1647002_2012-04-20_RE3_3A_146139	GT_1647002_2012_04_20_RE3_3A_146139_ref	16N	17.237.320	-89.821.030	253	rural	60	Nubes
1647003_2012-04-20_RE3_3A_146139	GT_1647003_2012_04_20_RE3_3A_146139_ref	16N	17.240.360	-89.595.530	237	rural	40	Nubes
1647004_2012-05-07_RE1_3A_146139	GT_1647004_2012_05_07_RE1_3A_146139_ref	16N	17.243.140	-89.369.970	243	rural	60	
1647005_2012-05-07_RE1_3A_146139	GT_1647005_2012_05_07_RE1_3A_146139_ref	16N	17.247.489	-89.224.094	178	rural	40	Recorte
1647101_2012-04-05_RE2_3A_146139	GT_1647101_2012_04_05_RE2_3A_146139_ref	16N	17.450.660	-90.060.070	217	rural	40	Nubes
1647102_2012-04-05_RE2_3A_146139	GT_1647102_2012_04_05_RE2_3A_146139_ref	16N	17.454.000	-89.824.350	367	rural	20	Nubes
1647103_2012-04-20_RE3_3A_146139	GT_1647103_2012_04_20_RE3_3A_146139_ref	16N	17.457.080	-89.598.580	139	rural	60	Nubes
1647104_2012-04-20_RE3_3A_146139	GT_1647104_2012_04_20_RE3_3A_146139_ref	16N	17.459.900	-89.372.760	210	rural	60	Clara
1547224_2012-04-04_RE1_3A_146139	GT_1547224_2012_04_04_RE1_3A_146139_ref	15N	17.679.250	-90.850.530	70	rural	40	
1547325_2012-03-03_RE3_3A_146139	GT_1547325_2012_03_03_RE3_3A_146139_ref	15N	17.801.930	-90.629.245	67	rural	60	Recorte
1547327_2012-05-09_RE3_3A_146139	GT_1547327_2012_05_09_RE3_3A_146139_ref	15N	17.799.207	-90.171.042	209	rural	40	Recorte
1646204_2012-02-24_RE5_3A_146139	GT_1646204_2012_02_24_RE5_3A_146139_ref	16N	15.536.822	-89.357.721	347	marítimo	20	
1646305_2012-05-08_RE2_3A_146139	GT_1646305_2012_05_08_RE2_3A_146139_ref	16N	15.728.020	-89.127.730	139	marítimo	20	Nubes
1646306_2012-05-08_RE2_3A_146139	GT_1646306_2012_05_08_RE2_3A_146139_ref	16N	15.755.870	-88.913.152	17	marítimo	20	Nubes
1646603_2012-05-07_RE1_3A_146139	GT_1646603_2012_05_07_RE1_3A_146139_ref	16N	16.376.706	-89.573.061	353	marítimo	20	Recorte

1646703_2012-04-20_RE3_3A_146139	GT_1646703_2012_04_20_RE3_3A_146139_ref	16N	16.590.180	-89.586.630	241	rural	40	Nubes
1545426_2012-08-28_RE5_3A_146139	GT_1545426_2012_08_28_RE5_3A_146139_ref	15N	13.875.398	-90.396.277	12	marítimo	60	Recorte/nube
1545427_2012-08-28_RE5_3A_146139	GT_1545427_2012_08_28_RE5_3A_146139_ref	15N	13.838.074	-90.183.198	9	marítimo	30	Recorte
1545428_2012-07-26_RE5_3A_146139	GT_1545428_2012_07_26_RE5_3A_146139_ref	15N	13.796.868	-90.096.994	10	marítimo	40	
1545522_2012-04-03_RE5_3A_146139	GT_1545522_2012_04_03_RE5_3A_146139_ref	15N	14.048.901	-91.322.845	17	marítimo	30	
1545525_2012-02-13_RE3_3A_146139	GT_1545525_2012_02_13_RE3_3A_146139_ref	15N	14.032.783	-90.645.291	14	marítimo	60	
1545527_2012-02-28_RE4_3A_146139	GT_1545527_2012_02_28_RE4_3A_146139_ref	15N	13.985.356	-90.222.180	171	marítimo	40	
1545921_2012-02-24_RE4_3A_146139	GT_1545921_2012_02_24_RE4_3A_146139_ref	15N	14.864.518	-91.550.229	2443	rural	30	
1545925_2012-09-03_RE1_3A_146139	GT_1545925_2012_09_03_RE1_3A_146139_ref	15N	14.857.811	-90.657.903	827	rural	60	Nube
1545926_2012-09-03_RE1_3A_146139	GT_1545926_2012_09_03_RE1_3A_146139_ref	15N	14.854.893	-90.426.342	682	rural	60	Nube
1545927_2012-03-01_RE1_3A_146139	GT_1545927_2012_03_01_RE1_3A_146139_ref	15N	14.851.447	-90.194.355	548	rural	60	
1545928_2012-03-08_RE3_3A_146139	GT_1545928_2012_03_08_RE3_3A_146139_ref	15N	14.841.667	-89.986.938	929	rural	30	
1546019_2012-01-18_RE5_3A_146139	GT_1546019_2012_01_18_RE5_3A_146139_ref	15N	15.087.188	-91.962.593	2569	rural	30	
1546020_2012-01-18_RE5_3A_146139	GT_1546020_2012_01_18_RE5_3A_146139_ref	15N	15.088.293	-91.763.684	2365	rural	30	
1546026_2011-03-04_RE5_3A_146139	GT_1546026_2011_03_04_RE5_3A_146139_ref	15N	15.068.625	-90.432.104	1515	rural	40	
1546027_2011-01-31_RE1_3A_146139	GT_1546027_2011_01_31_RE1_3A_146139_ref	15N	15.079.553	-90.197.732	1382	rural	60	
1546027_2012-03-02_RE2_3A_146139	GT_1546027_2012_03_02_RE2_3A_146139_ref	15N	15.054.602	-90.139.326	1781	rural	30	
1546028_2012-03-02_RE2_3A_146139	GT_1546028_2012_03_02_RE2_3A_146139_ref	15N	15.063.014	-89.981.942	2159	rural	30	
1546126_2011-04-11_RE5_3A_146139	GT_1546126_2011_04_11_RE5_3A_146139_ref	15N	15.285.501	-90.437.394	1435	rural	30	
1546127_2011-01-31_RE1_3A_146139	GT_1546127_2011_01_31_RE1_3A_146139_ref	15N	15.296.298	-90.200.493	954	rural	30	
1546127_2012-03-02_RE2_3A_146139	GT_1546127_2012_03_02_RE2_3A_146139_ref	15N	15.277.338	-90.110.744	578	rural	60	Recorte
1546128_2012-03-02_RE2_3A_146139	GT_1546128_2012_03_02_RE2_3A_146139_ref	15N	15.291.767	-89.977.626	425	rural	30	Oscura
1546220_2012-01-18_RE5_3A_146139	GT_1546220_2012_01_18_RE5_3A_146139_ref	15N	15.517.412	-91.768.652	2127	rural	60	
1646505_2011-03-30_RE2_3A_146139	GT_1646505_2011_03_30_RE2_3A_146139_ref	16N	16.162.823	-89.230.211	311	rural	60	
1646601_2011-03-08_RE4_3A_146139	GT_1646601_2011_03_08_RE4_3A_146139_ref	16N	16.370.636	-89.990.201	157	rural	60	
1646602_2011-03-08_RE4_3A_146139	GT_1646602_2011_03_08_RE4_3A_146139_ref	16N	16.374.945	-89.790.991	189	rural	30	
1546526_2012-04-05_RE2_3A_146139	GT_1546526_2012_04_05_RE2_3A_146139_ref	15N	16.156.761	-90.409.183	137	rural	40	

1546527_2012-04-05_RE2_3A_146139	GT_1546527_2012_04_05_RE2_3A_146139_ref	15N	16.155.413	-90.200.235	157	rural	60	
1546625_2012-03-03_RE3_3A_146139	GT_1546625_2012_03_03_RE3_3A_146139_ref	15N	16.487.705	-90.528.625	116	rural	40	Recorte
1546626_2012-04-05_RE2_3A_146139	GT_1546626_2012_04_05_RE2_3A_146139_ref	15N	16.456.864	-90.457.785	126	rural	30	
1546627_2012-02-18_RE3_3A_146139	GT_1546627_2012_02_18_RE3_3A_146139_ref	15N	16.373.166	-90.203.361	138	rural	30	
1546628_2012-04-20_RE3_3A_146139	GT_1546628_2012_04_20_RE3_3A_146139_ref	15N	16.365.654	-89.979.638	163	rural	60	
1546725_2012-03-03_RE3_3A_146139	GT_1546725_2012_03_03_RE3_3A_146139_ref	15N	16.596.348	-90.615.749	154	rural	60	
1546726_2012-04-05_RE2_3A_146139	GT_1546726_2012_04_05_RE2_3A_146139_ref	15N	16.600.157	-90.413.102	117	rural	40	
1546727_2012-04-05_RE2_3A_146139	GT_1546727_2012_04_05_RE2_3A_146139_ref	15N	16.594.746	-90.180.689	135	rural	30	
1546823_2012-04-04_RE1_3A_146139	GT_1546823_2012_04_04_RE1_3A_146139_ref	15N	16.912.568	-90.991.616	194	rural	60	Recorte
1546824_2012-04-04_RE1_3A_146139	GT_1546824_2012_04_04_RE1_3A_146139_ref	15N	16.830.740	-90.812.649	148	rural	40	
1546827_2012-02-18_RE3_3A_146139	GT_1546827_2012_02_18_RE3_3A_146139_ref	15N	16.799.810	-90.183.163	211	rural	30	
1546828_2012-04-20_RE3_3A_146139	GT_1546828_2012_04_20_RE3_3A_146139_ref	15N	16.805.992	-89.932.587	214	rural	40	
1546922_2012-04-02_RE4_3A_146139	GT_1546922_2012_04_02_RE4_3A_146139_ref	15N	17.127.890	-91.227.689	185	rural	40	Recorte
1546923_2012-04-04_RE1_3A_146139	GT_1546923_2012_04_04_RE1_3A_146139_ref	15N	17.030.532	-91.043.122	161	rural	60	
1546924_2012-04-04_RE1_3A_146139	GT_1546924_2012_04_04_RE1_3A_146139_ref	15N	17.013.764	-90.840.717	330	rural	40	
1546925_2012-03-03_RE3_3A_146139	GT_1546925_2012_03_03_RE3_3A_146139_ref	15N	17.016.899	-90.629.692	207	rural	40	
1546926_2012-02-18_RE3_3A_146139	GT_1546926_2012_02_18_RE3_3A_146139_ref	15N	17.020.193	-90.405.484	198	rural	30	
1546928_2012-02-25_RE5_3A_146139	GT_1546928_2012_02_25_RE5_3A_146139_ref	15N	17.010.869	-89.975.664	174	rural	60	Nubes/oscura
1547021_2012-06-05_RE1_3A_146139	GT_1547021_2012_06_05_RE1_3A_146139_ref	15N	17.239.296	-91.427.192	118	rural	40	Recorte
1547022_2012-06-05_RE1_3A_146139	GT_1547022_2012_06_05_RE1_3A_146139_ref	15N	17.214.758	-91.279.742	345	rural	60	Nubes
1547023_2012-04-04_RE1_3A_146139	GT_1547023_2012_04_04_RE1_3A_146139_ref	15N	17.219.435	-91.089.374	414	rural	40	
1547024_2012-04-04_RE1_3A_146139	GT_1547024_2012_04_04_RE1_3A_146139_ref	15N	17.237.170	-90.838.389	49	rural	40	
1547025_2012-06-01_RE2_3A_146139	GT_1547025_2012_06_01_RE2_3A_146139_ref	15N	17.252.644	-90.620.532	52	rural	30	
1547026_2012-03-03_RE3_3A_146139	GT_1547026_2012_03_03_RE3_3A_146139_ref	15N	17.237.236	-90.396.153	63	rural	40	
1547027_2012-04-05_RE2_3A_146139	GT_1547027_2012_04_05_RE2_3A_146139_ref	15N	17.220.687	-90.157.882	65	rural	30	
1547028_2012-04-05_RE2_3A_146139	GT_1547028_2012_04_05_RE2_3A_146139_ref	15N	17.238.347	-89.948.441	261	rural	30	
1547123_2012-04-04_RE1_3A_146139	GT_1547123_2012_04_04_RE1_3A_146139_ref	15N	17.485.995	-90.977.819	85	rural	60	Recorte

1547124_2012-04-04_RE1_3A_146139	GT_1547124_2012_04_04_RE1_3A_146139_ref	15N	17.461.066	-90.856.384	57	rural	30	
1547125_2012-06-01_RE2_3A_146139	GT_1547125_2012_06_01_RE2_3A_146139_ref	15N	17.463.987	-90.623.437	73	rural	40	
1646106_2012-02-24_RE5_3A_146139	GT_1646106_2012_02_24_RE5_3A_146139_ref	16N	15.297.620	-88.901.282	171	rural	60	
1646204_2012-05-08_RE2_3A_146139	GT_1646204_2012_05_08_RE2_3A_146139_ref	16N	15.492.581	-89.418.445	18	rural	20	Oscura
1646205_2012-02-24_RE5_3A_146139	GT_1646205_2012_02_24_RE5_3A_146139_ref	16N	15.576.527	-89.142.626	6	rural	30	
1646206_2012-02-24_RE5_3A_146139	GT_1646206_2012_02_24_RE5_3A_146139_ref	16N	15.520.626	-88.895.184	326	rural	30	
1646304_2012-02-24_RE5_3A_146139	GT_1646304_2012_02_24_RE5_3A_146139_ref	16N	15.708.185	-89.324.623	447	rural	60	
1646304_2012-05-08_RE2_3A_146139	GT_1646304_2012_05_08_RE2_3A_146139_ref	16N	15.720.803	-89.358.431	361	rural	60	
1646307_2012-02-24_RE5_3A_146139	GT_1646307_2012_02_24_RE5_3A_146139_ref	16N	15.725.757	-88.706.136	34	marítimo	30	
1646309_2011-03-03_RE4_3A_146139	GT_1646309_2011_03_03_RE4_3A_146139_ref	16N	15.713.524	-88.295.211	6	marítimo	60	Recorte
1646401_2011-03-08_RE4_3A_146139	GT_1646401_2011_03_08_RE4_3A_146139_ref	16N	15.946.217	-89.990.342	140	rural	30	
1646401_2011-11-26_RE5_3A_146139	GT_1646401_2011_11_26_RE5_3A_146139_ref	16N	15.929.549	-89.949.337	157	rural	60	
1646404_2012-05-08_RE2_3A_146139	GT_1646404_2012_05_08_RE2_3A_146139_ref	16N	15.950.339	-89.345.716	273	rural	40	
1646405_2012-02-24_RE5_3A_146139	GT_1646405_2012_02_24_RE5_3A_146139_ref	16N	15.862.719	-89.118.654	25	marítimo	60	
1646406_2012-02-24_RE5_3A_146139	GT_1646406_2012_02_24_RE5_3A_146139_ref	16N	15.855.838	-88.950.333	316	marítimo	30	Recorte

Anexo 8. Detalle de las imágenes procesadas hasta nivel de reflectancia, para Honduras.

Cruda	Recodificada	UTM	Latitud	Longitud	Alt	Modelo	Vis.	Observaciones
1646616_2012-07-31_RE1_3A_145839	HN_1646616_2012_07_31_RE1_3A_145839_ref	16N	16.305.102	-86.578.951	0	marítimo	40	Reemplazo/Recorte/Oscura
1646617_2011-02-01_RE3_3A_145932	HN_1646617_2011_02_01_RE3_3A_145932_ref	16N	16,36675	-86.427.505	14	marítimo	40	Reemplazo
1646617_2012-08-18_RE5_3A_145839	HN_1646617_2012_08_18_RE5_3A_145839_ref	16N	1.636.675	-86.427.505	14	marítimo	20	Reemplazo/40% nubes
1646618_2011-03-10_RE2_3A_145839	HN_1646618_2011_03_10_RE2_3A_145839_ref	16N	1.642.445	-8.621.012	64	marítimo	10	Reemplazo/Oscura
1745801_2011-04-01_RE1_3A_145839	HN_1745801_2011_04_01_RE1_3A_145839_ref	17N	14.628.237	-8.402.206	129	rural	40	70% nubes/ Oscura
1745901_2011-05-24_RE1_3A_145839	HN_1745901_2011_05_24_RE1_3A_145839_ref	17N	14.880.141	-84.006.125	60	rural	40	
1745902_2011-03-30_RE4_3A_145839	HN_1745902_2011_03_30_RE4_3A_145839_ref	17N	14.863.825	-83.793.169	27	rural	40	15% nubes
1745903_2011-05-24_RE1_3A_145839	HN_1745903_2011_05_24_RE1_3A_145839_ref	17N	14.886.138	-83.652.147	12	rural	60	Reemplazo/ Recorte
1745903_2011-10-26_RE4_3A_145839	HN_1745903_2011_10_26_RE4_3A_145839_ref	17N	14.853.877	-83.553.683	7	rural	30	Reemplazo
1645621_2011-11-24_RE4_3A_143290	HN_1645621_2011_11_24_RE4_3A_143290_ref	16N	14.187.204	-85.607.191	719	rural	20	Reemplazo
1645705_2012-02-24_RE5_3A_143290	HN_1645705_2012_02_24_RE5_3A_143290_ref	16N	14.438.972	-89.104.861	1561	rural	40	Reemplazo
1645707_2011-03-03_RE4_3A_143290	HN_1645707_2011_03_03_RE4_3A_143290_ref	16N	14.441.423	-88.668.643	1557	rural	60	Reemplazo
1645707_2012-02-22_RE3_3A_143290	HN_1645707_2012_02_22_RE3_3A_143290_ref	16N	14.414.787	-88.702.175	1376	rural	20	Reemplazo
1645709_2012-04-09_RE2_3A_143290	HN_1645709_2012_04_09_RE2_3A_143290_ref	16N	14.451.829	-88.247.604	1452	rural	20	Reemplazo
1645711_2011-01-05_RE5_3A_143290	HN_1645711_2011_01_05_RE5_3A_143290_ref	16N	14.459.081	-87.776.597	1152	rural	20	Reemplazo
1645714_2012-02-19_RE5_3A_143290	HN_1645714_2012_02_19_RE5_3A_143290_ref	16N	14.461.873	-87.149.814	752	rural	20	Reemplazo
1645716_2011-04-09_RE3_3A_143290	HN_1645716_2011_04_09_RE3_3A_143290_ref	16N	14.450.472	-86.669.108	1077	rural	20	Reemplazo/ 45% nubes/Oscura
1645716_2011-04-13_RE3_3A_143290	HN_1645716_2011_04_13_RE3_3A_143290_ref	16N	14.469.386	-86.598.111	887	rural	20	Reemplazo
1645717_2011-02-02_RE4_3A_143290	HN_1645717_2011_02_02_RE4_3A_143290_ref	16N	14.513.646	-86.446.068	586	rural	20	Reemplazo/10% nubes
1645719_2011-04-13_RE3_3A_143290	HN_1645719_2011_04_13_RE3_3A_143290_ref	16N	14.437.353	-86.048.236	304	rural	20	Reemplazo
1645719_2011-12-06_RE1_3A_143290	HN_1645719_2011_12_06_RE1_3A_143290_ref	16N	14.414.612	-86.034.076	343	rural	20	Reemplazo/ 15% nubes
1645721_2011-11-24_RE4_3A_143290	HN_1645721_2011_11_24_RE4_3A_143290_ref	16N	14.436.179	-85.609.391	582	rural	20	Reemplazo
1645722_2011-11-24_RE4_3A_143290	HN_1645722_2011_11_24_RE4_3A_143290_ref	16N	14.446.958	-85.330.001	255	rural	30	Reemplazo
1645723_2012-08-26_RE3_3A_143290	HN_1645723_2012_08_26_RE3_3A_143290_ref	16N	14.494.829	-85.175.264	199	rural	20	
1645805_2012-02-24_RE5_3A_143290	HN_1645805_2012_02_24_RE5_3A_143290_ref	16N	14.681.388	-89.101.137	1154	rural	40	

1645806_2012-01-07_RE4_3A_143290	HN_1645806_2012_01_07_RE4_3A_143290_ref	16N	14.665.186	-88.893.352	733	rural	20	10% nubes
1645808_2011-03-03_RE4_3A_143290	HN_1645808_2011_03_03_RE4_3A_143290_ref	16N	1.466.596	-88.455.338	1257	rural	30	
1645810_2011-02-28_RE1_3A_143290	HN_1645810_2011_02_28_RE1_3A_143290_ref	16N	14.659.135	-87.999.638	1074	rural	20	Reemplazo/ 15% nubes
1645810_2012-04-09_RE2_3A_143290	HN_1645810_2012_04_09_RE2_3A_143290_ref	16N	14.651.945	-87.965.164	965	rural	15	Reemplazo/Oscura
1645813_2011-03-30_RE3_3A_143290	HN_1645813_2011_03_30_RE3_3A_143290_ref	16N	14.686.831	-87.301.944	537	rural	20	Reemplazo
1645815_2012-02-19_RE5_3A_143290	HN_1645815_2012_02_19_RE5_3A_143290_ref	16N	14.686.462	-86.878.918	1058	rural	20	10% nubes
1645817_2011-02-02_RE4_3A_143290	HN_1645817_2011_02_02_RE4_3A_143290_ref	16N	14.663.188	-86.441.312	1065	rural	30	Reemplazo
1645817_2012-01-13_RE1_3A_143290	HN_1645817_2012_01_13_RE1_3A_143290_ref	16N	14.648.224	-8.646.011	983	rural	20	Reemplazo/ 20% nubes/ Oscura
1645821_2011-12-06_RE1_3A_145841	HN_1645821_2011_12_06_RE1_3A_145841_ref	16N	14.654.545	-85.585.919	372	rural	30	Reemplazo
1645822_2011-11-24_RE4_3A_143290	HN_1645822_2011_11_24_RE4_3A_143290_ref	16N	14.658.071	-85.320.096	337	rural	30	Reemplazo
1645822_2012-05-11_RE1_3A_143290	HN_1645822_2012_05_11_RE1_3A_143290_ref	16N	14.648.497	-85.287.975	172	rural	20	Reemplazo/ 15% nubes
1645112_2012-08-17_RE4_3A_143290	HN_1645112_2012_08_17_RE4_3A_143290_ref	16N	13.242.618	-87.447.021	8	marítimo	40	Reemplazo/Recorte
1645113_2012-08-18_RE5_3A_145840	HN_1645113_2012_08_18_RE5_3A_145840_ref	16N	1.313.419	-8.733.215	12	marítimo	40	Reemplazo
1645212_2012-03-14_RE5_3A_143290	HN_1645212_2012_03_14_RE5_3A_143290_ref	16N	13.391.367	-87.559.474	2	marítimo	20	
1645214_2012-03-04_RE5_3A_143290	HN_1645214_2012_03_04_RE5_3A_143290_ref	16N	13.350.366	-87.108.425	69	rural	20	
1645216_2011-02-02_RE4_3A_143290	HN_1645216_2011_02_02_RE4_3A_143290_ref	16N	13.360.881	-86.667.656	1194	rural	40	Reemplazo/Recorte
1645313_2012-08-17_RE4_3A_143290	HN_1645313_2012_08_17_RE4_3A_143290_ref	16N	13.569.961	-87.338.114	90	rural	30	Reemplazo
1645314_2012-04-27_RE1_3A_143290	HN_1645314_2012_04_27_RE1_3A_143290_ref	16N	13.571.381	-87.086.543	443	rural	30	Reemplazo
1645315_2012-03-04_RE5_3A_143290	HN_1645315_2012_03_04_RE5_3A_143290_ref	16N	13.575.816	-8.688.152	209	rural	30	Reemplazo
1645409_2012-04-09_RE2_3A_143290	HN_1645409_2012_04_09_RE2_3A_143290_ref	16N	13.888.651	-8.831.364	226	rural	40	Recorte
1645411_2012-02-26_RE2_3A_143290	HN_1645411_2012_02_26_RE2_3A_143290_ref	16N	13.826.749	-87.694.352	167	rural	30	
1645412_2012-08-17_RE4_3A_143290	HN_1645412_2012_08_17_RE4_3A_143290_ref	16N	13.791.056	-87.553.768	395	rural	30	Reemplazo
1645413_2012-03-14_RE5_3A_143290	HN_1645413_2012_03_14_RE5_3A_143290_ref	16N	1.378.654	-87.317.069	927	rural	30	Reemplazo
1645415_2011-02-28_RE2_3A_143290	HN_1645415_2011_02_28_RE2_3A_143290_ref	16N	13.807.211	-86.891.838	1089	rural	30	10% nubes
1645420_2012-08-26_RE3_3A_145840	HN_1645420_2012_08_26_RE3_3A_145840_ref	16N	1.378.243	-857.789	420	rural	30	Reemplazo/20% nubes
1645506_2012-02-09_RE4_3A_143290	HN_1645506_2012_02_09_RE4_3A_143290_ref	16N	14.002.867	-88.897.818	504	rural	40	Recorte

1645507_2012-02-25_RE1_3A_145840	HN_1645507_2012_02_25_RE1_3A_145840_ref	16N	1.399.674	-8.866.657	346	rural	30	
1645508_2012-04-09_RE2_3A_143290	HN_1645508_2012_04_09_RE2_3A_143290_ref	16N	14.019.238	-88.432.673	144	rural	40	
1645510_2012-02-14_RE4_3A_145840	HN_1645510_2012_02_14_RE4_3A_145840_ref	16N	14.023.284	-88.009.168	1656	rural	40	
1645511_2012-02-26_RE2_3A_143290	HN_1645511_2012_02_26_RE2_3A_143290_ref	16N	14.009.895	-87.763.575	1020	rural	30	
1645512_2011-03-30_RE3_3A_145840	HN_1645512_2011_03_30_RE3_3A_145840_ref	16N	1.400.183	-875.556	1116	rural	30	Reemplazo/ Recorte
1645512_2011-11-22_RE1_3A_145840	HN_1645512_2011_11_22_RE1_3A_145840_ref	16N	1.400.183	-875.556	1116	rural	30	Reemplazo/ Recorte
1645513_2011-03-30_RE3_3A_145840	HN_1645513_2011_03_30_RE3_3A_145840_ref	16N	1.400.224	-8.733.337	1450	rural	30	Reemplazo
1645513_2012-03-14_RE5_3A_143290	HN_1645513_2012_03_14_RE5_3A_143290_ref	16N	14.031.133	-87.349.078	1579	rural	30	Reemplazo/10% nubes/Oscura
1645514_2011-03-30_RE3_3A_145840	HN_1645514_2011_03_30_RE3_3A_145840_ref	16N	1.400.244	-8.711.112	1312	rural	30	Reemplazo
1645514_2012-02-19_RE5_3A_143290	HN_1645514_2012_02_19_RE5_3A_143290_ref	16N	14.003.967	-87.097.033	1356	rural	30	Reemplazo/10% nubes/Oscura
1645515_2011-02-28_RE2_3A_143290	HN_1645515_2011_02_28_RE2_3A_143290_ref	16N	14.006.931	-86.879.056	806	rural	30	Reemplazo/15% nubes
1645516_2011-02-02_RE4_3A_143290	HN_1645516_2011_02_02_RE4_3A_143290_ref	16N	1.401.824	-86.667.974	806	rural	40	Reemplazo/Recorte
1645516_2011-02-28_RE2_3A_143290	HN_1645516_2011_02_28_RE2_3A_143290_ref	16N	1.401.824	-86.667.974	806	rural	30	Reemplazo/25% nubes
1645517_2011-04-13_RE3_3A_145840	HN_1645517_2011_04_13_RE3_3A_145840_ref	16N	1.400.183	-864.444	601	rural	30	
1645520_2011-12-06_RE1_3A_145840	HN_1645520_2011_12_06_RE1_3A_145840_ref	16N	1.399.939	-8.577.776	460	rural	30	Reemplazo
1645605_2012-02-24_RE5_3A_145840	HN_1645605_2012_02_24_RE5_3A_145840_ref	16N	1.421.014	-891.128	669	rural	30	Reemplazo/Nubes
1645606_2012-02-09_RE4_3A_145840	HN_1645606_2012_02_09_RE4_3A_145840_ref	16N	14.212	-8.889.049	600	rural	30	
1645608_2012-04-09_RE2_3A_145840	HN_1645608_2012_04_09_RE2_3A_145840_ref	16N	142.151	-8.844.579	1104	rural	30	
1645609_2012-04-09_RE2_3A_145840	HN_1645609_2012_04_09_RE2_3A_145840_ref	16N	1.421.634	-882.234	1720	rural	30	
1645615_2011-02-20_RE3_3A_145840	HN_1645615_2011_02_20_RE3_3A_145840_ref	16N	1.421.945	-8.688.877	1016	rural	30	
1645706_2011-04-13_RE2_3A_145840	HN_1645706_2011_04_13_RE2_3A_145840_ref	16N	1.442.888	-8.889.231	1153	rural	30	Reemplazo
1645706_2012-01-07_RE4_3A_145840	HN_1645706_2012_01_07_RE4_3A_145840_ref	16N	1.442.888	-8.889.231	1153	rural	30	Reemplazo
1645712_2011-01-05_RE5_3A_145840	HN_1645712_2011_01_05_RE5_3A_145840_ref	16N	1.443.582	-8.755.666	1570	rural	30	Reemplazo
1645713_2012-02-19_RE5_3A_145840	HN_1645713_2012_02_19_RE5_3A_145840_ref	16N	1.443.624	-87.334	1538	rural	30	
1645715_2012-02-19_RE5_3A_145840	HN_1645715_2012_02_19_RE5_3A_145840_ref	16N	1.443.645	-8.688.866	793	rural	30	
1645717_2011-04-13_RE3_3A_145840	HN_1645717_2011_04_13_RE3_3A_145840_ref	16N	1.443.582	-8.644.334	549	rural	30	Reemplazo

1645718_2011-04-13_RE3_3A_145840	HN_1645718_2011_04_13_RE3_3A_145840_ref	16N	1.443.519	-8.622.069	680	rural	30	
1645721_2012-05-11_RE1_3A_145840	HN_1645721_2012_05_11_RE1_3A_145840_ref	16N	1.443.203	-8.555.283	558	rural	20	Reemplazo
1645804_2012-02-24_RE5_3A_145840	HN_1645804_2012_02_24_RE5_3A_145840_ref	16N	1.464.171	-893.396	1080	rural	30	
1645811_2011-01-05_RE5_3A_145840	HN_1645811_2011_01_05_RE5_3A_145840_ref	16N	1.465.216	-8.778.008	1302	rural	30	
1645813_2011-01-05_RE5_3A_145840	HN_1645813_2011_01_05_RE5_3A_145840_ref	16N	1.465.323	-8.733.433	605	rural	30	Reemplazo/ Recorte
1645813_2012-08-17_RE4_3A_145840	HN_1645813_2012_08_17_RE4_3A_145840_ref	16N	1.465.323	-8.733.433	605	rural	30	Reemplazo
1645814_2011-03-30_RE3_3A_145840	HN_1645814_2011_03_30_RE3_3A_145840_ref	16N	1.465.344	-8.711.144	609	rural	20	Reemplazo
1645814_2012-02-19_RE5_3A_145840	HN_1645814_2012_02_19_RE5_3A_145840_ref	16N	1.465.344	-8.711.144	609	rural	30	Reemplazo
1645816_2011-03-30_RE3_3A_145840	HN_1645816_2011_03_30_RE3_3A_145840_ref	16N	1.465.323	-8.666.567	619	rural	40	Reemplazo/ Recorte
1645816_2011-04-09_RE3_3A_145840	HN_1645816_2011_04_09_RE3_3A_145840_ref	16N	1.465.323	-8.666.567	619	rural	30	Reemplazo/ 45% nubes/Oscura
1645818_2011-04-13_RE3_3A_145840	HN_1645818_2011_04_13_RE3_3A_145840_ref	16N	1.465.216	-8.621.992	399	rural	30	
1645819_2011-12-06_RE1_3A_145840	HN_1645819_2011_12_06_RE1_3A_145840_ref	16N	1.465.131	-8.599.707	422	rural	30	
1645820_2011-12-06_RE1_3A_145840	HN_1645820_2011_12_06_RE1_3A_145840_ref	16N	1.465.024	-8.577.423	777	rural	30	20% nubes
1645821_2011-11-24_RE4_3A_145841	HN_1645821_2011_11_24_RE4_3A_145841_ref	16N	1.464.896	-8.555.141	277	rural	30	Reemplazo
1645823_2012-08-26_RE3_3A_145841	HN_1645823_2012_08_26_RE3_3A_145841_ref	16N	1.464.576	-8.510.584	206	rural	20	25% nubes/ Oscura
1646012_2011-01-10_RE5_3A_145932	HN_1646012_2011_01_10_RE5_3A_145932_ref	16N	1.508.677	-8.755.832	398	rural	30	Reemplazo
1646017_2012-01-13_RE1_3A_145841	HN_1646017_2012_01_13_RE1_3A_145841_ref	16N	1.508.677	-8.644.168	820	rural	20	Reemplazo/80% nubes/Oscura
1646114_2011-02-01_RE3_3A_145932	HN_1646114_2011_02_01_RE3_3A_145932_ref	16N	1.530.441	-8.711.178	1010	rural	30	Reemplazo
1646117_2012-03-04_RE5_3A_143290	HN_1646117_2012_03_04_RE5_3A_143290_ref	16N	1.530.374	-8.644.111	906	rural	20	Reemplazo/30% nubes/ Oscura
1646118_2011-03-29_RE2_3A_145841	HN_1646118_2011_03_29_RE2_3A_145841_ref	16N	1.530.307	-8.621.757	1168	rural	20	Reemplazo
1646118_2012-02-17_RE3_3A_145841	HN_1646118_2012_02_17_RE3_3A_145841_ref	16N	1.530.307	-8.621.757	1175	rural	20	Reemplazo/45% nubes/Oscura
1646119_2011-12-06_RE1_3A_143290	HN_1646119_2011_12_06_RE1_3A_143290_ref	16N	1.530.218	-8.599.404	1061	rural	30	
1646120_2011-03-29_RE2_3A_143290	HN_1646120_2011_03_29_RE2_3A_143290_ref	16N	1.530.106	-8.577.052	911	rural	30	Reemplazo
1646120_2011-12-06_RE1_3A_145841	HN_1646120_2011_12_06_RE1_3A_145841_ref	16N	1.530.106	-8.577.052	911	rural	20	Reemplazo/Oscura
1646122_2012-05-11_RE1_3A_145841	HN_1646122_2012_05_11_RE1_3A_145841_ref	16N	1.529.816	-8.532.356	901	rural	30	

1646123_2012-05-11_RE1_3A_143290	HN_1646123_2012_05_11_RE1_3A_143290_ref	16N	1.529.637	-8.510.012	821	rural	20	40% nubes/ Oscura
1646127_2011-03-22_RE5_3A_145841	HN_1646127_2011_03_22_RE5_3A_145841_ref	16N	15.287	-842.067	14	rural	30	Reemplazo/40% nubes/ Oscura
1646128_2012-01-27_RE1_3A_143290	HN_1646128_2012_01_27_RE1_3A_145841_ref	16N	152.841	-8.398.344	16	rural	30	25% nubes/ Oscura
1646207_2012-01-09_RE1_3A_143290	HN_1646207_2012_01_09_RE1_3A_143290_ref	16N	1.551.505	-8.867.818	31	rural	30	Reemplazo/25% nubes/Recorte/ Oscura
1646208_2012-01-09_RE1_3A_145841	HN_1646208_2012_01_09_RE1_3A_145841_ref	16N	1.551.663	-8.845.448	328	rural	20	Reemplazo/40% nubes/ Oscura
1646209_2011-01-09_RE4_3A_145932	HN_1646209_2011_01_09_RE4_3A_145932_ref	16N	1.551.799	-8.823.075	2166	rural	30	Reemplazo
1646209_2012-03-20_RE1_3A_143290	HN_1646209_2012_03_20_RE1_3A_143290_ref	16N	1.551.799	-8.823.075	2166	rural	30	Reemplazo
1646210_2011-03-09_RE1_3A_145841	HN_1646210_2011_03_09_RE1_3A_145841_ref	16N	1.551.913	-88.007	66	urbano	30	Reemplazo
1646210_2012-03-20_RE1_3A_145841	HN_1646210_2012_03_20_RE1_3A_145841_ref	16N	1.551.913	-88.007	66	urbano	30	Reemplazo
1646211_2011-03-09_RE1_3A_145841	HN_1646211_2011_03_09_RE1_3A_145841_ref	16N	1.552.003	-8.778.324	20	rural	40	Reemplazo
1646211_2012-03-22_RE3_3A_145841	HN_1646211_2012_03_22_RE3_3A_145841_ref	16N	1.552.003	-8.778.324	20	rural	20	Reemplazo
1646212_2011-01-10_RE5_3A_143290	HN_1646212_2011_01_10_RE5_3A_143290_ref	16N	1.552.071	-8.755.947	274	rural	40	Reemplazo
1646212_2011-02-22_RE5_3A_145932	HN_1646212_2011_02_22_RE5_3A_145932_ref	16N	1.552.071	-8.755.947	270	rural	30	Reemplazo
1646213_2011-01-10_RE5_3A_145932	HN_1646213_2011_01_10_RE5_3A_145932_ref	16N	1.552.117	-8.733.569	661	rural	30	Reemplazo
1646213_2012-02-26_RE2_3A_145841	HN_1646213_2012_02_26_RE2_3A_145841_ref	16N	1.552.117	-8.733.569	674	rural	30	Reemplazo/Oscura
1646214_2011-03-28_RE1_3A_145841	HN_1646214_2011_03_28_RE1_3A_145841_ref	16N	1.552.139	-8.711.189	205	rural	30	Reemplazo
1646215_2011-03-30_RE3_3A_143290	HN_1646215_2011_03_30_RE3_3A_143290_ref	16N	1.552.139	-8.688.811	1004	rural	20	Reemplazo/Nubes
1646219_2011-02-28_RE2_3A_145839	HN_1646219_2011_02_28_RE2_3A_145839_ref	16N	1.551.913	-85.993	812	rural	30	Reemplazo
1646219_2011-03-29_RE2_3A_145839	HN_1646219_2011_03_29_RE2_3A_145839_ref	16N	1.551.913	-85.993	812	rural	20	Reemplazo
1646219_2012-02-17_RE3_3A_145841	HN_1646219_2012_02_17_RE3_3A_145841_ref	16N	1.551.913	-85.993	812	rural	20	Reemplazo/ Oscura
1646220_2011-03-29_RE2_3A_145839	HN_1646220_2011_03_29_RE2_3A_145839_ref	16N	1.551.799	-8.576.925	1203	rural	20	Reemplazo
1646220_2012-03-13_RE4_3A_145839	HN_1646220_2012_03_13_RE4_3A_145839_ref	16N	1.551.799	-8.576.925	1203	rural	20	Reemplazo/ 40% nubes/ Oscura
1646221_2011-02-27_RE1_3A_145839	HN_1646221_2011_02_27_RE1_3A_145839_ref	16N	1.551.663	-8.554.552	154	rural	20	Reemplazo/20% nubes/Oscura
1646221_2011-03-04_RE1_3A_145839	HN_1646221_2011_03_04_RE1_3A_145839_ref	16N	1.551.663	-8.554.552	154	rural	40	Reemplazo/ Recorte
1646221_2011-04-01_RE5_3A_145839	HN_1646221_2011_04_01_RE5_3A_145839_ref	16N	1.551.663	-8.554.552	154	rural	20	Reemplazo/ 80% nubosidad

1646221_2012-06-02_RE4_3A_145839	HN_1646221_2012_06_02_RE4_3A_145839_ref	16N	1.551.663	-8.554.552	154	rural	20	Reemplazo/ 10% nubes/ Oscura
1646321_2011-03-07_RE4_3A_145839	HN_1646321_2011_03_07_RE4_3A_145839_ref	16N	1.573.354	-8.554.399	205	rural	30	Reemplazo
1646321_2012-06-02_RE4_3A_145839	HN_1646321_2012_06_02_RE4_3A_145839_ref	16N	1.573.354	-8.554.399	205	rural	20	Reemplazo/10% nubes
1646322_2012-05-11_RE1_3A_145839	HN_1646322_2012_05_11_RE1_3A_145839_ref	16N	1.573.193	-8.532.005	567	rural	30	
1646323_2012-08-19_RE1_3A_145839	HN_1646323_2012_08_19_RE1_3A_145839_ref	16N	1.573.009	-8.509.615	221	rural	20	30% nubes
1646326_2011-03-22_RE5_3A_145839	HN_1646326_2011_03_22_RE5_3A_145839_ref	16N	15.723.749	-8.442.426	3	marítimo	20	Reemplazo/ 30 % nubes/Oscura
1646326_2011-11-23_RE3_3A_145839	HN_1646326_2011_11_23_RE3_3A_145839_ref	16N	15.723.749	-8.442.426	3	marítimo	30	Reemplazo/ Recorte
1646326_2012-05-08_RE3_3A_145839	HN_1646326_2012_05_08_RE3_3A_145839_ref	16N	15.723.749	-8.442.426	3	marítimo	30	Reemplazo/ Oscura
1646328_2012-02-11_RE2_3A_145839	HN_1646328_2012_02_11_RE2_3A_145839_ref	16N	15.640.047	-84.093.683	4	marítimo	30	
1646410_2012-07-14_RE3_3A_145839	HN_1646410_2012_07_14_RE3_3A_145839_ref	16N	15.855.233	-87.954.624	8	marítimo	30	25% nubes/Oscura/ Recorte
1646411_2012-05-14_RE4_3A_145839	HN_1646411_2012_05_14_RE4_3A_145839_ref	16N	15.888.701	-87.806.423	7	marítimo	20	Reemplazo/35% nubes/ Recorte
1646412_2012-02-14_RE4_3A_145839	HN_1646412_2012_02_14_RE4_3A_145839_ref	16N	15.867.599	-87.646.794	11	marítimo	40	
1646418_2011-02-28_RE2_3A_145839	HN_1646418_2011_02_28_RE2_3A_145839_ref	16N	15.898.719	-86.123.321	9	marítimo	40	Reemplazo/ Recorte
1646418_2012-04-03_RE1_3A_145839	HN_1646418_2012_04_03_RE1_3A_145839_ref	16N	15.898.719	-86.123.321	9	marítimo	20	Reemplazo/ 15% nubes/ Oscura
1646419_2011-02-28_RE2_3A_143290	HN_1646419_2011_02_28_RE2_3A_143290_ref	16N	15.944.604	-85.919.296	2	marítimo	40	Reemplazo
1646420_2011-02-27_RE1_3A_145839	HN_1646420_2011_02_27_RE1_3A_145839_ref	16N	1.595.184	-8.576.663	4	marítimo	40	Reemplazo
1646420_2011-03-07_RE4_3A_145839	HN_1646420_2011_03_07_RE4_3A_145839_ref	16N	1.595.184	-8.576.663	4	marítimo	30	Reemplazo
1646310_2011-03-23_RE5_3A_145839	HN_1646310_2011_03_23_RE5_3A_145839_ref	16N	1.573.607	-8.800.806	400	marítimo	40	Reemplazo
1646310_2012-05-14_RE4_3A_145839	HN_1646310_2012_05_14_RE4_3A_145839_ref	16N	1.573.607	-8.800.806	400	marítimo	15	Reemplazo/90% nubes
1646311_2011-03-09_RE1_3A_145839	HN_1646311_2011_03_09_RE1_3A_145839_ref	16N	1.573.699	-8.778.407	13	marítimo	30	Reemplazo
1646311_2012-05-14_RE4_3A_145839	HN_1646311_2012_05_14_RE4_3A_145839_ref	16N	1.573.699	-8.778.407	13	marítimo	10	Reemplazo/90% nubes
1646312_2011-03-09_RE1_3A_145839	HN_1646312_2011_03_09_RE1_3A_145839_ref	16N	1.573.768	-8.756.006	26	marítimo	20	Reemplazo
1646312_2011-12-26_RE2_3A_145839	HN_1646312_2011_12_26_RE2_3A_145839_ref	16N	1.573.768	-8.756.006	26	marítimo	15	Reemplazo/50% nubes
1646313_2011-03-09_RE1_3A_145839	HN_1646313_2011_03_09_RE1_3A_145839_ref	16N	1.573.814	-8.733.604	55	marítimo	60	Reemplazo/Recorte
1646313_2011-03-28_RE1_3A_145839	HN_1646313_2011_03_28_RE1_3A_145839_ref	16N	1.573.814	-8.733.604	55	marítimo	20	Reemplazo

1645112_2012-03-14_RE5_3A_145840	HN_1645112_2012_03_14_RE5_3A_145840_ref	16N	13.027.038	-87.574.327	63	marítimo	40	Reemplazo/Recorte
1645113_2012-02-19_RE5_3A_145840	HN_1645113_2012_02_19_RE5_3A_145840_ref	16N	13.164.816	-87.300.829	8	marítimo	30	Reemplazo
1645114_2012-03-04_RE5_3A_145840	HN_1645114_2012_03_04_RE5_3A_145840_ref	16N	13.128.623	-87.099.222	93	marítimo	40	10% nubes
1645213_2012-03-14_RE5_3A_145840	HN_1645213_2012_03_14_RE5_3A_145840_ref	16N	1.335.121	-8.733.245	113	marítimo	40	
1645311_2012-02-26_RE2_3A_145840	HN_1645311_2012_02_26_RE2_3A_145840_ref	16N	13.567.230	-87.776.390	57	marítimo	60	
1645314_2012-02-19_RE5_3A_145840	HN_1645314_2012_02_19_RE5_3A_145840_ref	16N	13.568.420	-87.110.920	359	rural	40	Reemplazo
1645315_2011-02-28_RE2_3A_145840	HN_1645315_2011_02_28_RE2_3A_145840_ref	16N	13.568.420	-86.889.080	221	rural	30	Reemplazo/10% nubes
1645412_2012-02-26_RE2_3A_145840	HN_1645412_2012_02_26_RE2_3A_145840_ref	16N	13.792.853	-87.547.663	507	rural	60	Reemplazo/10% nubes
1645413_2012-08-17_RE4_3A_145840	HN_1645413_2012_08_17_RE4_3A_145840_ref	16N	13.794.944	-87.327.625	642	rural	40	Reemplazo
1645414_2011-12-03_RE3_3A_145840	HN_1645414_2011_12_03_RE3_3A_145840_ref	16N	13.776.228	-87.113.884	617	rural	40	Reemplazo/10% nubes
1645414_2011-12-05_RE5_3A_145840	HN_1645414_2011_12_05_RE5_3A_145840_ref	16N	13.785.430	-87.111.020	661	rural	40	Reemplazo/10% nubes
1645416_2011-04-13_RE3_3A_145840	HN_1645416_2011_04_13_RE3_3A_145840_ref	16N	13.785.230	-86.666.950	807	rural	60	Reemplazo/10% nubes
1645416_2012-03-04_RE5_3A_145840	HN_1645416_2012_03_04_RE5_3A_145840_ref	16N	13.785.230	-86.666.950	795	rural	40	Reemplazo/10% nubes
1645418_2011-04-13_RE3_3A_145840	HN_1645418_2011_04_13_RE3_3A_145840_ref	16N	13.843.977	-86.222.129	1008	rural	30	10% nubes
1645420_2011-12-06_RE1_3A_145840	HN_1645420_2011_12_06_RE1_3A_145840_ref	16N	13.779.931	-85.778.402	402	rural	30	Reemplazo
1645509_2012-04-09_RE2_3A_145840	HN_1645509_2012_04_09_RE2_3A_145840_ref	16N	14.002.778	-88.224.359	767	rural	30	
1645512_2012-02-26_RE2_3A_145840	HN_1645512_2012_02_26_RE2_3A_145840_ref	16N	14.002.580	-87.562.242	1206	rural	60	Reemplazo
1645512_2012-03-14_RE5_3A_145840	HN_1645512_2012_03_14_RE5_3A_145840_ref	16N	13.999.963	-87.558.415	1150	rural	40	Reemplazo/20% nubes/Oscura
1645515_2011-02-20_RE3_3A_145840	HN_1645515_2011_02_20_RE3_3A_145840_ref	16N	14.003.523	-86.889.523	833	rural	40	Reemplazo/10% nubes
1645516_2012-03-04_RE5_3A_145840	HN_1645516_2012_03_04_RE5_3A_145840_ref	16N	14.007.418	-86.643.407	920	rural	60	Reemplazo/ 30 % nubes/Oscura
1645518_2011-04-13_RE3_3A_145840	HN_1645518_2011_04_13_RE3_3A_145840_ref	16N	14.000.162	-86.220.502	967	rural	60	Reemplazo/10% nubes
1645610_2011-12-29_RE5_3A_145840	HN_1645610_2011_12_29_RE5_3A_145840_ref	16N	1.421.738	-88.000.980	1108	rural	40	Reemplazo/10% nubes
1645614_2012-02-19_RE5_3A_143290	HN_1645614_2012_02_19_RE5_3A_143290_ref	16N	14.214.165	-87.107.093	2099	rural	30	Reemplazo
1645616_2011-02-28_RE2_3A_143290	HN_1645616_2011_02_28_RE2_3A_143290_ref	16N	14.217.499	-86.673.924	607	rural	40	Reemplazo/Oscura/Alta nubosidad
1645616_2011-04-13_RE3_3A_143290	HN_1645616_2011_04_13_RE3_3A_143290_ref	16N	14.215.667	-86.644.435	600	rural	40	Reemplazo
1645617_2011-04-13_RE3_3A_145840	HN_1645617_2011_04_13_RE3_3A_145840_ref	16N	14.216.104	-86.445.372	1498	rural	30	Brillo

1645619_2011-12-06_RE1_3A_145840	HN_1645619_2011_12_06_RE1_3A_145840_ref	16N	14.218.946	-85.997.969	772	rural	40	
1645620_2011-11-24_RE4_3A_145840	HN_1645620_2011_11_24_RE4_3A_145840_ref	16N	1.422.068	-85.735.027	749	rural	30	Reemplazo/Clara
1645711_2012-02-26_RE2_3A_145840	HN_1645711_2012_02_26_RE2_3A_145840_ref	16N	14.431.665	-87.778.146	1153	rural	40	Reemplazo
1645712_2012-04-08_RE1_3A_145840	HN_1645712_2012_04_08_RE1_3A_145840_ref	16N	14.435.676	-87.537.221	1341	rural	40	Reemplazo/20% nubes
1645720_2011-12-06_RE1_3A_145840	HN_1645720_2011_12_06_RE1_3A_145840_ref	16N	14.433.290	-85.775.430	576	rural	60	10% nubes
1645722_2012-05-11_RE1_3A_145840	HN_1645722_2012_05_11_RE1_3A_145840_ref	16N	14.430.560	-85.330.250	268	rural	30	Reemplazo/50% nubes
1645807_2011-03-03_RE4_3A_145932	HN_1645807_2011_03_03_RE4_3A_145932_ref	16N	14.647.470	-88.671.390	1115	rural	40	10% nubes
1645825_2012-06-26_RE5_3A_145841	HN_1645825_2012_06_26_RE5_3A_145841_ref	16N	14.641.710	-84.660.400	82	rural	40	10% nubes
1645827_2011-04-01_RE1_3A_145841	HN_1645827_2011_04_01_RE1_3A_145841_ref	16N	14.636.800	-84.215.110	61	rural	40	50% nubes/Oscura
1645906_2011-04-04_RE3_3A_145841	HN_1645906_2011_04_04_RE3_3A_145841_ref	16N	14.862.630	-88.896.030	1328	rural	30	Reemplazo
1645906_2011-04-13_RE2_3A_145841	HN_1645906_2011_04_13_RE2_3A_145841_ref	16N	14.872.103	-88.887.951	1409	rural	60	Reemplazo
1645906_2012-01-07_RE4_3A_145841	HN_1645906_2012_01_07_RE4_3A_145841_ref	16N	14.865.383	-8.889.095	1358	rural	30	Reemplazo
1645907_2011-01-09_RE4_3A_145932	HN_1645907_2011_01_09_RE4_3A_145932_ref	16N	14.864.370	-88.673.040	945	rural	30	
1645908_2011-01-09_RE4_3A_143290	HN_1645908_2011_01_09_RE4_3A_143290_ref	16N	14.865.444	-88.445.869	1397	rural	30	
1645909_2011-03-03_RE4_3A_143290	HN_1645909_2011_03_03_RE4_3A_143290_ref	16N	14.872.159	-88.208.415	958	rural	30	Reemplazo/Clara
1645909_2011-03-09_RE1_3A_145841	HN_1645909_2011_03_09_RE1_3A_145841_ref	16N	14.869.717	-88.233.035	383	rural	40	Reemplazo/Oscura
1645909_2012-02-25_RE1_3A_145841	HN_1645909_2012_02_25_RE1_3A_145841_ref	16N	14.863.265	-88.227.648	443	rural	60	Reemplazo
1645910_2011-03-09_RE1_3A_145841	HN_1645910_2011_03_09_RE1_3A_145841_ref	16N	14.865.105	-88.018.605	1084	rural	30	Reemplazo/30% nubes
1645910_2012-02-14_RE4_3A_143290	HN_1645910_2012_02_14_RE4_3A_143290_ref	16N	14.871.044	-88.003.656	798	rural	60	Reemplazo
1645911_2012-02-14_RE4_3A_145841	HN_1645911_2012_02_14_RE4_3A_145841_ref	16N	14.866.569	-87.781.712	708	rural	60	10% nubes
1645912_2011-02-22_RE5_3A_143290	HN_1645912_2011_02_22_RE5_3A_143290_ref	16N	14.874.785	-87.538.938	979	rural	40	Reemplazo/10% nubes
1645913_2011-01-10_RE5_3A_145932	HN_1645913_2011_01_10_RE5_3A_145932_ref	16N	14.870.220	-87.334.660	634	rural	30	Reemplazo/10% nubes
1645913_2011-02-01_RE3_3A_143290	HN_1645913_2011_02_01_RE3_3A_143290_ref	16N	14.853.697	-87.274.540	761	rural	30	Reemplazo/10% nubes
1645913_2012-08-17_RE4_3A_145841	HN_1645913_2012_08_17_RE4_3A_145841_ref	16N	14.868.981	-87.333.181	794	rural	40	Reemplazo/10% nubes
1645914_2011-03-30_RE3_3A_143290	HN_1645914_2011_03_30_RE3_3A_143290_ref	16N	14.869.240	-87.103.884	1135	rural	40	
1645915_2011-03-30_RE3_3A_145841	HN_1645915_2011_03_30_RE3_3A_145841_ref	16N	14.870.440	-86.888.450	1014	rural	30	Reemplazo
1645915_2012-02-19_RE5_3A_145841	HN_1645915_2012_02_19_RE5_3A_145841_ref	16N	14.870.440	-86.888.450	1002	rural	60	Reemplazo

1645916_2011-03-30_RE3_3A_145841	HN_1645916_2011_03_30_RE3_3A_145841_ref	16N	14.877.953	-86.683.406	898	rural	30	Reemplazo/10% nubes
1645917_2011-02-02_RE4_3A_143290	HN_1645917_2011_02_02_RE4_3A_143290_ref	16N	14.866.353	-86.428.510	634	rural	60	Reemplazo
1645917_2011-04-09_RE3_3A_143290	HN_1645917_2011_04_09_RE3_3A_143290_ref	16N	14.874.137	-86.451.351	648	rural	40	Reemplazo
1645919_2011-02-02_RE4_3A_143290	HN_1645919_2011_02_02_RE4_3A_143290_ref	16N	14.872.215	-85.982.435	1514	rural	40	Reemplazo/10% nubes
1645920_2011-12-06_RE1_3A_145841	HN_1645920_2011_12_06_RE1_3A_145841_ref	16N	14.867.147	-85.769.569	381	rural	60	10% nubes
1645921_2011-11-24_RE4_3A_143290	HN_1645921_2011_11_24_RE4_3A_143290_ref	16N	14.869.991	-85.543.087	888	rural	60	Reemplazo
1645921_2011-12-06_RE1_3A_143290	HN_1645921_2011_12_06_RE1_3A_143290_ref	16N	14.873.195	-85.575.273	868	rural	30	Reemplazo
1645921_2012-05-11_RE1_3A_145841	HN_1645921_2012_05_11_RE1_3A_145841_ref	16N	14.859.141	-85.537.157	931	rural	30	Reemplazo
1645922_2011-11-24_RE4_3A_143290	HN_1645922_2011_11_24_RE4_3A_143290_ref	16N	14.867.365	-85.325.760	291	rural	40	Reemplazo/10% nubes
1645923_2012-08-26_RE3_3A_145841	HN_1645923_2012_08_26_RE3_3A_145841_ref	16N	14.857.771	-85.103.762	144	rural	40	50% nubes
1645924_2012-05-06_RE1_3A_145841	HN_1645924_2012_05_06_RE1_3A_145841_ref	16N	14.859.038	-84.875.202	140	rural	20	80% nubes/Oscura
1645926_2012-05-08_RE3_3A_143290	HN_1645926_2012_05_08_RE3_3A_143290_ref	16N	14.848.243	-84.430.326	98	rural	40	10% nubes
1645927_2011-02-01_RE4_3A_143290	HN_1645927_2011_02_01_RE4_3A_143290_ref	16N	14.850.962	-84.197.083	113	rural	60	Reemplazo/80% nubes/Oscura
1645927_2011-04-01_RE1_3A_145841	HN_1645927_2011_04_01_RE1_3A_145841_ref	16N	14.853.678	-84.224.197	126	rural	30	Reemplazo/80% nubes/Oscura
1645928_2011-02-23_RE2_3A_143290	HN_1645928_2011_02_23_RE2_3A_143290_ref	16N	14.854.760	-83.979.754	24	rural	30	Reemplazo/80% nubes/Oscura
1646005_2012-02-24_RE5_3A_145841	HN_1646005_2012_02_24_RE5_3A_145841_ref	16N	15.089.604	-89.108.929	793	rural	30	10% nubes
1646006_2012-02-24_RE5_3A_145841	HN_1646006_2012_02_24_RE5_3A_145841_ref	16N	15.063.360	-88.887.303	1338	rural	60	10% nubes
1646011_2011-02-22_RE5_3A_143290	HN_1646011_2011_02_22_RE5_3A_143290_ref	16N	15.093.701	-87.797.290	469	rural	40	Reemplazo
1646011_2012-02-14_RE4_3A_145841	HN_1646011_2012_02_14_RE4_3A_145841_ref	16N	15.080.700	-87.783.645	639	rural	40	Reemplazo
1646012_2012-02-26_RE2_3A_145841	HN_1646012_2012_02_26_RE2_3A_145841_ref	16N	15.093.711	-87.558.639	470	rural	20	Reemplazo/Nubes
1646121_2012-06-02_RE4_3A_145841	HN_1646121_2012_06_02_RE4_3A_145841_ref	16N	15.296.357	-85.546.660	1225	rural	30	Reemplazo/80% nubes/Oscura
1646124_2012-05-06_RE1_3A_145841	HN_1646124_2012_05_06_RE1_3A_145841_ref	16N	15.291.388	-84.873.749	386	rural	20	Reemplazo/80% nubes/Oscura
1646124_2012-05-08_RE3_3A_145841	HN_1646124_2012_05_08_RE3_3A_145841_ref	16N	15.288.301	-84.781.902	121	rural	30	Reemplazo/80% nubes/Recorte/Oscura
1646125_2012-05-08_RE3_3A_145841	HN_1646125_2012_05_08_RE3_3A_145841_ref	16N	15.285.610	-84.644.596	51	rural	40	10% nubes

1646126_2012-05-08_RE3_3A_145841	HN_1646126_2012_05_08_RE3_3A_145841_ref	16N	15.275.988	-84.408.156	31	marítimo	40	10% nubes
1646127_2011-05-24_RE1_3A_145841	HN_1646127_2011_05_24_RE1_3A_145841_ref	16N	15.274.255	-84.176.705	9	marítimo	40	Reemplazo/10% nubes
1646207_2011-04-04_RE3_3A_145841	HN_1646207_2011_04_04_RE3_3A_145841_ref	16N	15.510.975	-88.667.167	31	rural	30	Reemplazo
1646208_2011-01-09_RE4_3A_145932	HN_1646208_2011_01_09_RE4_3A_145932_ref	16N	15.498.430	-88.455.109	505	marítimo	40	Reemplazo
1646214_2011-03-30_RE3_3A_145841	HN_1646214_2011_03_30_RE3_3A_145841_ref	16N	15.521.390	-87.111.890	210	marítimo	60	Reemplazo/10% nubes
1646214_2012-04-27_RE1_3A_145841	HN_1646214_2012_04_27_RE1_3A_145841_ref	16N	15.521.390	-87.111.890	225	marítimo	40	Reemplazo
1646223_2012-05-10_RE5_3A_145839	HN_1646223_2012_05_10_RE5_3A_145839_ref	16N	15.513.230	-85.098.140	588	marítimo	40	80% nubes/Oscura
1646224_2012-05-09_RE4_3A_145839	HN_1646224_2012_05_09_RE4_3A_145839_ref	16N	15.507.075	-84.864.715	300	marítimo	30	50% nubes
1646225_2012-01-04_RE2_3A_145839	HN_1646225_2012_01_04_RE2_3A_145839_ref	16N	15.499.238	-84.635.986	40	marítimo	20	Reemplazo
1646225_2012-05-08_RE3_3A_145839	HN_1646225_2012_05_08_RE3_3A_145839_ref	16N	15.503.392	-84.656.637	49	marítimo	40	Reemplazo
1646226_2012-05-08_RE3_3A_145839	HN_1646226_2012_05_08_RE3_3A_145839_ref	16N	15.502.751	-84.422.612	29	marítimo	60	10% nubes
1646227_2012-03-31_RE3_3A_145839	HN_1646227_2012_03_31_RE3_3A_145839_ref	16N	15.489.021	-84.207.471	3	marítimo	30	10% nubes
1646314_2012-02-26_RE2_3A_145839	HN_1646314_2012_02_26_RE2_3A_145839_ref	16N	15.690.151	-87.105.925	13	marítimo	40	50% nubes
1646315_2011-12-05_RE5_3A_145839	HN_1646315_2011_12_05_RE5_3A_145839_ref	16N	15.683.702	-86.875.910	532	marítimo	40	Recorte
1646316_2011-12-05_RE5_3A_145839	HN_1646316_2011_12_05_RE5_3A_145839_ref	16N	15.697.828	-86.655.126	881	marítimo	40	10% nubes
1646317_2012-03-04_RE5_3A_145839	HN_1646317_2012_03_04_RE5_3A_145839_ref	16N	15.702.582	-86.408.610	221	marítimo	60	10% nubes
1646318_2012-04-03_RE1_3A_145839	HN_1646318_2012_04_03_RE1_3A_145839_ref	16N	15.722.955	-86.204.374	721	marítimo	60	10% nubes
1646320_2011-03-29_RE2_3A_145839	HN_1646320_2011_03_29_RE2_3A_145839_ref	16N	15.734.920	-85.767.950	171	marítimo	30	10% nubes
1646321_2011-02-27_RE1_3A_145839	HN_1646321_2011_02_27_RE1_3A_145839_ref	16N	15.733.540	-85.543.990	170	marítimo	40	Reemplazo/10% nubes
1746004_2012-04-09_RE3_3A_145839	HN_1746004_2012_04_09_RE3_3A_145839_ref	17N	15.085.669	-83.395.259	6	marítimo	40	10% nubes
1746005_2011-10-26_RE4_3A_145839	HN_1746005_2011_10_26_RE4_3A_145839_ref	17N	15.006.482	-83.196.717	7	marítimo	60	Recorte
1746101_2012-01-27_RE1_3A_145839	HN_1746101_2012_01_27_RE1_3A_145839_ref	17N	15.284.100	-84.016.560	5	marítimo	40	10% nubes
1746102_2011-03-19_RE2_3A_145839	HN_1746102_2011_03_19_RE2_3A_145839_ref	17N	15.264.713	-83.782.703	17	marítimo	30	10% nubes
1746103_2011-03-19_RE2_3A_145839	HN_1746103_2011_03_19_RE2_3A_145839_ref	17N	15.242.704	-83.553.332	5	marítimo	60	10% nubes
1746104_2012-04-12_RE1_3A_145839	HN_1746104_2012_04_12_RE1_3A_145839_ref	17N	15.207.477	-83.405.172	6	marítimo	40	Recorte
1746201_2012-02-11_RE2_3A_145839	HN_1746201_2012_02_11_RE2_3A_145839_ref	17N	15.512.975	-84.068.281	2	marítimo	30	10% nubes
1645519_2011-11-30_RE5_3A_145840	HN_1645519_2011_11_30_RE5_3A_145840_ref	16N	140.004	-8.599.996	1100	rural	40	Reemplazo

1645519_2011-12-06_RE1_3A_145840	HN_1645519_2011_12_06_RE1_3A_145840_ref	16N	140.004	-8.599.996	1100	rural	40	Reemplazo
1645521_2011-04-01_RE5_3A_145840	HN_1645521_2011_04_01_RE5_3A_145840_ref	16N	1.399.816	-8.555.558	302	rural	40	Reemplazo/Nubes
1645607_2012-01-09_RE1_3A_145840	HN_1645607_2012_01_09_RE1_3A_145840_ref	16N	1.421.365	-8.866.815	796	rural	40	Nubes
1645611_2012-02-26_RE2_3A_145840	HN_1645611_2012_02_26_RE2_3A_145840_ref	16N	142.182	-8.777.856	1319	rural	60	
1645612_2011-01-05_RE5_3A_145840	HN_1645612_2011_01_05_RE5_3A_145840_ref	16N	1.421.883	-87.556.121	848	rural	60	Reemplazo
1645613_2011-02-20_RE3_3A_145840	HN_1645613_2011_02_20_RE3_3A_145840_ref	16N	1.421.924	-8.733.368	1068	rural	40	Reemplazo
1645613_2011-03-30_RE3_3A_145840	HN_1645613_2011_03_30_RE3_3A_145840_ref	16N	1.421.924	-8.733.368	1068	rural	20	Reemplazo/Nubes
1645613_2012-02-19_RE5_3A_145840	HN_1645613_2012_02_19_RE5_3A_145840_ref	16N	1.421.924	-8.733.368	1067	rural	40	Reemplazo/Oscura
1645614_2011-02-20_RE3_3A_145840	HN_1645614_2011_02_20_RE3_3A_145840_ref	16N	1.421.945	-8.711.123	2037	rural	40	Reemplazo/Nubes/Oscura
1645618_2011-04-13_RE3_3A_145840	HN_1645618_2011_04_13_RE3_3A_145840_ref	16N	142.182	-8.622.144	580	rural	40	
1645620_2011-12-06_RE1_3A_145840	HN_1645620_2011_12_06_RE1_3A_145840_ref	16N	1.421.634	-857.766	510	rural	40	Reemplazo/20% nubes
1645621_2012-05-11_RE1_3A_145840	HN_1645621_2012_05_11_RE1_3A_145840_ref	16N	142.151	-8.555.421	1029	rural	20	Reemplazo/30% nubes/ Oscura
1645623_2011-11-24_RE4_3A_145840	HN_1645623_2011_11_24_RE4_3A_145840_ref	16N	14.212	-8.510.951	214	rural	20	Reemplazo/Nubes/Oscura
1645704_2011-01-07_RE1_3A_145932	HN_1645704_2011_01_07_RE1_3A_145932_ref	16N	1.442.489	-8.933.732	1986	rural	40	Reemplazo
1645708_2011-03-03_RE4_3A_145932	HN_1645708_2011_03_03_RE4_3A_145932_ref	16N	1.443.203	-8.844.717	1329	rural	40	Reemplazo
1645708_2012-04-09_RE2_3A_145840	HN_1645708_2012_04_09_RE2_3A_145840_ref	16N	1.443.203	-8.844.717	1311	rural	20	Reemplazo/30% nubes/ Oscura
1645709_2011-01-05_RE4_3A_145840	HN_1645809_2011_01_05_RE4_3A_145840_ref	16N	1.465.024	-8.822.577	714	rural	40	Reemplazo
1645710_2011-01-05_RE5_3A_145840	HN_1645710_2011_01_05_RE5_3A_145840_ref	16N	1.443.435	-8.800.195	714	rural	40	Reemplazo
1645809_2011-01-05_RE4_3A_145840	HN_1645809_2011_01_05_RE4_3A_145840_ref	16N	1.465.024	-8.822.577	714	rural	40	
1645809_2012-02-14_RE4_3A_145840	HN_1645809_2012_02_14_RE4_3A_145840_ref	16N	1.465.024	-8.822.577	714	rural	40	20% nubes
1645812_2011-01-05_RE5_3A_145840	HN_1645812_2011_01_05_RE5_3A_145840_ref	16N	146.528	-8.755.721	969	rural	60	20% nubes
1645824_2011-03-22_RE5_3A_145841	HN_1645824_2011_03_22_RE5_3A_145841_ref	16N	146.311	-84.851.234	195	rural	60	Reemplazo/80% nubes
1645824_2011-11-24_RE4_3A_145841	HN_1645824_2011_11_24_RE4_3A_145841_ref	16N	14.674.027	-84.954.796	198	rural	60	Reemplazo/60% nubes/ Recorte
1645824_2012-01-04_RE2_3A_145841	HN_1645824_2012_01_04_RE2_3A_145841_ref	16N	14.657.135	-8.487.723	148	rural	20	Reemplazo/70% nubes/ Oscura
1645826_2012-01-26_RE5_3A_143290	HN_1645826_2012_01_26_RE5_3A_143290_ref	16N	1.470.598	-84.460.532	80	rural	60	70% nubes/Oscura/Recorte

1645828_2011-03-30_RE4_3A_143290	HN_1645828_2011_03_30_RE4_3A_143290_ref	16N	14.742.817	-84.077.582	50	rural	40	Recorte/Oscura
1645905_2012-02-24_RE5_3A_145841	HN_1645905_2012_02_24_RE5_3A_145841_ref	16N	14.861.985	-89.117.674	648	rural	40	10% nubes
1645916_2011-04-09_RE3_3A_145841	HN_1645916_2011_04_09_RE3_3A_145841_ref	16N	1.487.022	-8.666.534	1000	rural	20	Reemplazo/70% nubes/ Oscura
1645919_2010-03-10_RE4_3A_147698	HN_1645919_2010_03_10_RE4_3A_147698_ref	16N	1.486.827	-8.599.608	1282	rural	40	Reemplazo
1645922_2012-06-02_RE4_3A_145841	HN_1645922_2012_06_02_RE4_3A_145841_ref	16N	1.486.437	-8.532.696	297	rural	20	Reemplazo/90% nubes/ Oscura
1645925_2012-05-08_RE3_3A_145841	HN_1645925_2012_05_08_RE3_3A_145841_ref	16N	1.485.852	-8.465.808	175	rural	60	10% nubes/Oscura
1645928_2011-05-24_RE1_3A_145841	HN_1645928_2011_05_24_RE1_3A_145841_ref	16N	1.485.073	-8.398.955	29	marítimo	40	Reemplazo/Recorte
1646007_2011-01-09_RE4_3A_145932	HN_1646007_2011_01_09_RE4_3A_145932_ref	16N	1.508.127	-8.867.473	756	rural	40	
1646008_2011-01-09_RE4_3A_145932	HN_1646008_2011_01_09_RE4_3A_145932_ref	16N	1.508.281	-8.845.148	792	rural	60	
1646009_2011-03-03_RE4_3A_145932	HN_1646009_2011_03_03_RE4_3A_145932_ref	16N	1.508.413	-8.822.822	415	rural	60	
1646010_2011-01-17_RE2_3A_145932	HN_1646010_2011_01_17_RE2_3A_145932_ref	16N	1.508.523	-8.800.494	192	rural	40	Reemplazo
1646010_2012-03-22_RE3_3A_145841	HN_1646010_2012_03_22_RE3_3A_145841_ref	16N	1.508.523	-8.800.494	192	rural	20	Reemplazo/20% nubes/Oscura
1646013_2011-01-10_RE5_3A_145932	HN_1646013_2011_01_10_RE5_3A_145932_ref	16N	1.508.721	-8.733.499	1430	rural	60	Reemplazo
1646015_2010-12-17_RE5_3A_147698	HN_1646015_2010_12_17_RE5_3A_147698_ref	16N	1.508.743	-8.688.834	738	rural	40	Reemplazo
1646016_2011-02-28_RE2_3A_145841	HN_1646016_2011_02_28_RE2_3A_145841_ref	16N	1.508.721	-8.666.501	1362	rural	20	Reemplazo
1646027_2012-10-15_RE1_3A_147698	HN_1646027_2012_10_15_RE1_3A_147698_ref	16N	1.507.027	-8.420.955	32	marítimo	20	Reemplazo/Nubes
1646113_2011-01-10_RE5_3A_147698	HN_1646113_2011_01_10_RE5_3A_147698_ref	16N	1.530.419	-8.733.533	680	rural	60	Reemplazo
1646215_2012-02-19_RE5_3A_145841	HN_1646215_2012_02_19_RE5_3A_145841_ref	16N	15.522.133	-86.887.694	954	rural	40	Reemplazo/20% nubes
1646216_2011-02-01_RE3_3A_145932	HN_1646216_2011_02_01_RE3_3A_145932_ref	16N	1.552.117	-8.666.431	574	rural	40	Reemplazo
1646216_2012-02-19_RE5_3A_143290	HN_1646216_2012_02_19_RE5_3A_143290_ref	16N	15.523.924	-86.664.042	612	rural	20	Reemplazo/15% nubes
1646217_2011-02-28_RE2_3A_145841	HN_1646217_2011_02_28_RE2_3A_145841_ref	16N	1.552.071	-8.644.053	416	marítimo	60	Reemplazo
1646217_2012-01-13_RE1_3A_145841	HN_1646217_2012_01_13_RE1_3A_145841_ref	16N	1.552.071	-8.644.053	416	marítimo	60	Reemplazo/Nubes
1646218_2011-02-28_RE2_3A_143290	HN_1646218_2011_02_28_RE2_3A_143290_ref	16N	15.522.461	-86.217.516	91	marítimo	60	Reemplazo
1646218_2012-01-11_RE4_3A_145841	HN_1646218_2012_01_11_RE4_3A_145841_ref	16N	15.522.461	-86.217.516	91	marítimo	40	Reemplazo/15% nubes
1646221_2011-03-07_RE4_3A_143290	HN_1646221_2011_03_07_RE4_3A_143290_ref	16N	1.553.705	-85.569.786	300	marítimo	40	Recorte
1646222_2012-05-11_RE1_3A_143290	HN_1646222_2012_05_11_RE1_3A_143290_ref	16N	1.551.632	-85.320.733	235	marítimo	40	Nubes

1646228_2012-10-30_RE2_3A_147698	HN_1646228_2012_10_30_RE2_3A_147698_ref	16N	15.555.224	-84.056.348	3	marítimo	20	
1646309_2011-03-03_RE4_3A_143290	HN_1646309_2011_03_03_RE4_3A_143290_ref	16N	1.566.859	-88.202.258	13	marítimo	20	Reemplazo
1646309_2012-01-09_RE1_3A_143290	HN_1646309_2012_01_09_RE1_3A_143290_ref	16N	1.566.859	-88.202.258	13	marítimo	60	Reemplazo/Nubes/Oscura
1646313_2011-02-25_RE3_3A_143290	HN_1646313_2011_02_25_RE3_3A_143290_ref	16N	15.717.985	-873.591	349	marítimo	40	Reemplazo/15% nubes
1646313_2012-02-26_RE2_3A_143290	HN_1646313_2012_02_26_RE2_3A_143290_ref	16N	15.720.236	-87.335.098	77	marítimo	40	Reemplazo/15% nubes
1646319_2012-04-03_RE1_3A_147698	HN_1646319_2012_04_03_RE1_3A_147698_ref	16N	1.573.607	-8.599.194	28	marítimo	40	
1646324_2010-02-12_RE2_3A_147698	HN_1646324_2010_02_12_RE2_3A_147698_ref	16N	1.572.802	-8.487.227	308	marítimo	60	Reemplazo/Nubes
1646324_2010-02-23_RE4_3A_147698	HN_1646324_2010_02_23_RE4_3A_147698_ref	16N	15.720.892	-84.817.135	39	marítimo	20	Reemplazo/Recorte
1646325_2012-01-04_RE2_3A_143290	HN_1646325_2012_01_04_RE2_3A_143290_ref	16N	15.728.028	-84.648.807	7	marítimo	20	20% nubes
1646327_2011-11-23_RE3_3A_143290	HN_1646327_2011_11_23_RE3_3A_143290_ref	16N	15.686.315	-84.246.508	9	marítimo	60	Reemplazo/20% nubes
1646327_2012-07-19_RE4_3A_143290	HN_1646327_2012_07_19_RE4_3A_143290_ref	16N	15.686.315	-84.246.508	9	marítimo	20	Reemplazo/50% nubes/ Oscura
1646411_2011-03-23_RE5_3A_143290	HN_1646411_2011_03_23_RE5_3A_143290_ref	16N	15.877.012	-87.790.322	21	marítimo	20	Reemplazo/Recorte
1646419_2012-02-17_RE3_3A_143290	HN_1646419_2012_02_17_RE3_3A_143290_ref	16N	15.882.952	-85.983.522	291	marítimo	60	Reemplazo
1646421_2012-02-16_RE2_3A_145839	HN_1646421_2012_02_16_RE2_3A_145839_ref	16N	15.872.741	-85.568.852	7	marítimo	20	Recorte
1646422_2012-08-26_RE3_3A_145839	HN_1646422_2012_08_26_RE3_3A_145839_ref	16N	15.859.399	-85.317.775	5	marítimo	60	Recorte
1646423_2012-08-26_RE3_3A_145839	HN_1646423_2012_08_26_RE3_3A_145839_ref	16N	15.905.215	-85.073.418	69	marítimo	40	Recorte
1646424_2012-08-26_RE3_3A_145839	HN_1646424_2012_08_26_RE3_3A_145839_ref	16N	15.888.492	-84.899.619	18	marítimo	60	Recorte
1646425_2012-08-24_RE1_3A_145839	HN_1646425_2012_08_24_RE1_3A_145839_ref	16N	15.857.337	-84.663.522	3	marítimo	60	Recorte/Oscura
1646427_2012-07-24_RE4_3A_145839	HN_1646427_2012_07_24_RE4_3A_145839_ref	16N	1.593.715	-8.419.788	0	marítimo	40	Solo Mar
1646516_2011-02-01_RE3_3A_145932	HN_1646516_2011_02_01_RE3_3A_145932_ref	16N	16.277.861	-86.594.176	27	marítimo	40	Reemplazo/Recorte
1646516_2012-08-18_RE5_3A_145839	HN_1646516_2012_08_18_RE5_3A_145839_ref	16N	16.277.861	-86.594.176	27	marítimo	40	Reemplazo/Recorte
1646616_2011-02-01_RE3_3A_143290	HN_1646616_2011_02_01_RE3_3A_143290_ref	16N	16.303.096	-86.580.101	77	marítimo	20	Reemplazo/Recorte
1646618_2012-07-29_RE4_3A_143290	HN_1646618_2012_07_29_RE4_3A_143290_ref	16N	16.425.268	-86.281.233	74	marítimo	20	Reemplazo/Recorte
1745903_2012-04-09_RE3_3A_143290	HN_1745903_2012_04_09_RE3_3A_143290_ref	17N	14.932.282	-83.629.439	13	marítimo	60	Reemplazo/80% nubes/Oscura
1746001_2011-05-24_RE1_3A_145839	HN_1746001_2011_05_24_RE1_3A_145839_ref	16N	1.506.742	-8.401.347	33	marítimo	40	
1746002_2011-05-24_RE1_3A_143290	HN_1746002_2011_05_24_RE1_3A_143290_ref	17N	15.072.143	-83.789.143	51	marítimo	40	15% nubes

1746003_2011-03-19_RE2_3A_145839	HN_1746003_2011_03_19_RE2_3A_145839_ref	16N	1.507.291	-8.356.738	9	marítimo	20	Reemplazo/30% nubes/ Oscura
1746003_2011-10-26_RE4_3A_145839	HN_1746003_2011_10_26_RE4_3A_145839_ref	16N	1.507.291	-8.356.738	9	marítimo	40	Reemplazo/Clara/Recorte
1746202_2012-10-30_RE2_3A_147698	HN_1746202_2012_10_30_RE2_3A_147698_ref	16N	15.470.063	-83.901.609	5	marítimo	20	Recorte
1645013_2012-03-16_RE2_3A_145840	HN_1645013_2012_03_16_RE2_3A_145840_ref	16N	12.918.224	-87.329.874	10	marítimo	60	
1645014_2012-03-16_RE2_3A_147698	HN_1645014_2012_03_16_RE2_3A_147698_ref	16N	1.301.759	-87.113.639	7	marítimo	60	Recorte
1645015_2012-03-04_RE5_3A_145840	HN_1645015_2012_03_04_RE5_3A_145840_ref	16N	12.919.148	-86.890.318	26	marítimo	40	
1645115_2011-12-03_RE3_3A_145840	HN_1645115_2011_12_03_RE3_3A_145840_ref	16N	13.130.206	-86.889.747	144	marítimo	40	
1645211_2012-02-26_RE2_3A_147698	HN_1645211_2012_02_26_RE2_3A_147698_ref	16N	13.406.109	-87.719.778	6	marítimo	40	Recorte
1645215_2011-02-28_RE2_3A_145840	HN_1645215_2011_02_28_RE2_3A_145840_ref	16N	13.349.784	-86.885.762	1275	rural	60	
1645216_2011-11-30_RE5_3A_145840	HN_1645216_2011_11_30_RE5_3A_145840_ref	16N	13.347.524	-86.664.946	1216	rural	60	Reemplazo
1645312_2012-03-14_RE5_3A_145840	HN_1645312_2012_03_14_RE5_3A_145840_ref	16N	13.562.456	-87.555.313	182	marítimo	60	Reemplazo
1645312_2012-08-17_RE4_3A_145840	HN_1645312_2012_08_17_RE4_3A_145840_ref	16N	13.562.456	-87.555.313	182	marítimo	60	Reemplazo
1645313_2012-03-14_RE5_3A_145840	HN_1645313_2012_03_14_RE5_3A_145840_ref	16N	13.566.241	-87.333.918	208	marítimo	60	Reemplazo
1645316_2011-04-13_RE3_3A_145840	HN_1645316_2011_04_13_RE3_3A_145840_ref	16N	13.566.241	-87.333.918	208	rural	40	
1645408_2012-04-09_RE2_3A_145840	HN_1645408_2012_04_09_RE2_3A_145840_ref	16N	13.779.629	-88.438.892	243	rural	40	
1645410_2012-02-14_RE4_3A_147698	HN_1645410_2012_02_14_RE4_3A_147698_ref	16N	13.901.422	-87.971.898	739	rural	40	Recorte
1645417_2011-02-02_RE4_3A_147698	HN_1645417_2011_02_02_RE4_3A_147698_ref	16N	13.751.083	-86.446.744	1573	rural	60	Recorte
1645605_2012-02-09_RE4_3A_143290	HN_1645605_2012_02_09_RE4_3A_143290_ref	16N	14.298.098	-89.005.894	1384	rural	60	Reemplazo/Recorte
1645610_2011-01-05_RE5_3A_143290	HN_1645610_2011_01_05_RE5_3A_143290_ref	16N	14.216.046	-87.998.523	1295	rural	60	Reemplazo
1645612_2012-08-17_RE4_3A_143290	HN_1645612_2012_08_17_RE4_3A_143290_ref	16N	14.215.389	-87.554.072	853	rural	60	Reemplazo/10% nubes/Oscura
1645622_2011-11-24_RE4_3A_145840	HN_1645622_2011_11_24_RE4_3A_145840_ref	16N	14.212.717	-85.331.798	365	rural	20	15% nubes
1645623_2012-08-26_RE3_3A_145840	HN_1645623_2012_08_26_RE3_3A_145840_ref	16N	14.210.298	-85.107.836	221	rural	60	Reemplazo/25% nubes/Oscura
1645704_2012-02-24_RE5_3A_145840	HN_1645704_2012_02_24_RE5_3A_145840_ref	16N	14.423.379	-89.334.676	2051	rural	60	Reemplazo/20% nubes
1645705_2011-04-13_RE2_3A_147698	HN_1645705_2011_04_13_RE2_3A_147698_ref	16N	14.461.653	-89.109.282	1664	rural	40	Reemplazo
1645710_2012-02-14_RE4_3A_145840	HN_1645710_2012_02_14_RE4_3A_145840_ref	16N	14.432.338	-88.001.154	675	rural	40	Reemplazo
1645714_2010-12-17_RE5_3A_147698	HN_1645714_2010_12_17_RE5_3A_147698_ref	16N	1.443.487	-87.110.053	840	rural	40	Reemplazo

1645822_2012-10-26_RE2_3A_147698	HN_1645822_2012_10_26_RE2_3A_147698_ref	16N	14.641.876	-85.326.334	352	rural	30	Reemplazo/10% nubes
1645912_2010-12-29_RE2_3A_147698	HN_1645912_2010_12_29_RE2_3A_147698_ref	16N	14.864.096	-87.559.286	1131	rural	30	Reemplazo/10% nubes
1645918_2011-02-02_RE4_3A_147698	HN_1645918_2011_02_02_RE4_3A_147698_ref	16N	14.867.566	-86.217.253	527	rural	60	
1646017_2011-02-02_RE4_3A_143290	HN_1646017_2011_02_02_RE4_3A_143290_ref	16N	15.093.962	-86.487.912	977	rural	60	Reemplazo
1646017_2011-03-29_RE2_3A_143290	HN_1646017_2011_03_29_RE2_3A_143290_ref	16N	15.085.194	-86.383.162	1057	rural	40	Reemplazo/Recorte
1646018_2011-03-29_RE2_3A_145841	HN_1646018_2011_03_29_RE2_3A_145841_ref	16N	1.508.237	-86.217.525	1043	rural	20	Reemplazo
1646018_2012-01-11_RE4_3A_145841	HN_1646018_2012_01_11_RE4_3A_145841_ref	16N	1.508.237	-86.217.525	1043	rural	60	Reemplazo/Oscura
1646019_2011-12-06_RE1_3A_143290	HN_1646019_2011_12_06_RE1_3A_143290_ref	16N	15.081.774	-85.995.598	903	rural	40	
1646020_2011-12-06_RE1_3A_143290	HN_1646020_2011_12_06_RE1_3A_143290_ref	16N	15.081.628	-85.775.555	973	rural	40	
1646022_2011-11-24_RE4_3A_143290	HN_1646022_2011_11_24_RE4_3A_143290_ref	16N	15.079.016	-85.324.472	580	rural	60	Reemplazo
1646026_2012-05-08_RE3_3A_143290	HN_1646026_2012_05_08_RE3_3A_143290_ref	16N	15.071.402	-84.431.866	60	marítimo	60	
1646027_2011-02-01_RE4_3A_143290	HN_1646027_2011_02_01_RE4_3A_143290_ref	16N	15.068.256	-84.209.237	30	marítimo	20	Reemplazo/20% nubes/Oscura
1646106_2012-02-24_RE5_3A_143290	HN_1646106_2012_02_24_RE5_3A_143290_ref	16N	1.521.027	-88.837.137	1014	marítimo	60	Recorte
1646111_2011-03-09_RE1_3A_145841	HN_1646111_2011_03_09_RE1_3A_145841_ref	16N	15.301.796	-87.782.435	190	marítimo	60	
1646113_2012-02-26_RE2_3A_143290	HN_1646113_2012_02_26_RE2_3A_143290_ref	16N	1.530.269	-87.336.904	773	marítimo	20	Reemplazo
1646114_2012-02-19_RE5_3A_145841	HN_1646114_2012_02_19_RE5_3A_145841_ref	16N	15.303.989	-87.114.645	1039	marítimo	60	Reemplazo
1646426_2011-03-03_RE5_3A_147886	HN_1646426_2011_03_03_RE5_3A_147886_ref	16N	15.821.942	-84.404.036	6	marítimo	60	
1645518_2011-12-06_RE1_3A_143290	HN_1645518_2011_12_06_RE1_3A_143290_ref	16N	14.014.553	-86.216.932	902	rural	40	Reemplazo
1645520_2011-11-24_RE4_3A_143290	HN_1645520_2011_11_24_RE4_3A_143290_ref	16N	13.993.412	-85.766	652	rural	30	Reemplazo
1645521_2012-08-26_RE3_3A_143290	HN_1645521_2012_08_26_RE3_3A_143290_ref	16N	14.073.883	-85.552.951	275	rural	20	Reemplazo
1646013_2012-08-17_RE4_3A_145841	HN_1646013_2012_08_17_RE4_3A_145841_ref	16N	15.090.714	-87.332.891	1077	rural	20	Reemplazo/5% nubes
1646014_2011-03-30_RE3_3A_145841	HN_1646014_2011_03_30_RE3_3A_145841_ref	16N	15.077.349	-87.102.695	978	rural	15	Reemplazo
1646014_2012-02-19_RE5_3A_143290	HN_1646014_2012_02_19_RE5_3A_143290_ref	16N	15.064.406	-87.104.291	1212	rural	20	Reemplazo/ 5% nubes
1646015_2011-12-05_RE5_3A_143290	HN_1646015_2011_12_05_RE5_3A_143290_ref	16N	15.075.266	-86.879.802	772	rural	40	Reemplazo/10% nubes
1646016_2012-01-13_RE1_3A_143290	HN_1646016_2012_01_13_RE1_3A_143290_ref	16N	15.109.525	-8.665.196	1645	rural	15	Reemplazo/40% nubes/Oscura
1646017_2012-03-04_RE5_3A_143290	HN_1646017_2012_03_04_RE5_3A_143290_ref	16N	15.077.765	-86.441.785	1000	rural	15	Reemplazo/15% nubes/Oscura

1646021_2011-11-24_RE4_3A_143290	HN_1646021_2011_11_24_RE4_3A_143290_ref	16N	15.078.929	-85.542.372	526	rural	15	Reemplazo/15% nubes/ Oscura
1646021_2011-12-06_RE1_3A_145841	HN_1646021_2011_12_06_RE1_3A_145841_ref	16N	15.077.092	-85.568.972	563	rural	30	Reemplazo
1646022_2012-05-11_RE1_3A_145841	HN_1646022_2012_05_11_RE1_3A_145841_ref	16N	1.508.127	-8.532.527	713	rural	15	Reemplazo/20% nubes/Oscura
1646023_2011-11-24_RE4_3A_145841	HN_1646023_2011_11_24_RE4_3A_145841_ref	16N	150.788	-85.092.344	200	rural	15	Reemplazo/25% nubes
1646024_2012-05-06_RE1_3A_145841	HN_1646024_2012_05_06_RE1_3A_145841_ref	16N	1.507.753	-8.487.888	114	rural	15	50% nubes/Oscura
1646025_2012-05-08_RE3_3A_145841	HN_1646025_2012_05_08_RE3_3A_145841_ref	16N	1.507.533	-8.465.572	228	rural	60	10% nubes
1646028_2011-05-24_RE1_3A_145841	HN_1646028_2011_05_24_RE1_3A_145841_ref	16N	1.506.742	-8.398.653	59	rural	30	
1646107_2011-01-09_RE4_3A_145932	HN_1646107_2011_01_09_RE4_3A_145932_ref	16N	1.529.816	-8.867.644	683	rural	40	
1646108_2011-01-09_RE4_3A_145932	HN_1646108_2011_01_09_RE4_3A_145932_ref	16N	1.529.972	-8.845.297	321	rural	40	Reemplazo
1646108_2012-01-09_RE1_3A_145841	HN_1646108_2012_01_09_RE1_3A_145841_ref	16N	1.529.972	-8.845.297	321	rural	15	Reemplazo/15% nubes/ Oscura
1646109_2012-03-20_RE1_3A_145841	HN_1646109_2012_03_20_RE1_3A_145841_ref	16N	15.297.499	-88.238.165	329	rural	40	
1646110_2012-03-20_RE1_3A_145841	HN_1646110_2012_03_20_RE1_3A_145841_ref	16N	15.306.039	-87.990.242	67	rural	40	
1646112_2011-01-10_RE5_3A_145932	HN_1646112_2011_01_10_RE5_3A_145932_ref	16N	1.530.374	-8.755.889	286	rural	40	Reemplazo
1646112_2011-12-26_RE2_3A_145841	HN_1646112_2011_12_26_RE2_3A_145841_ref	16N	1.530.374	-8.755.889	244	rural	15	Reemplazo/25% nubes/ Oscura
1646114_2011-12-05_RE5_3A_145841	HN_1646114_2011_12_05_RE5_3A_145841_ref	16N	15.303.327	-87.113.967	599	rural	40	Reemplazo
1646115_2011-02-01_RE3_3A_145932	HN_1646115_2011_02_01_RE3_3A_145932_ref	16N	1.530.441	-8.688.822	1140	rural	40	Reemplazo
1646115_2011-12-05_RE5_3A_145841	HN_1646115_2011_12_05_RE5_3A_145841_ref	16N	1.532.582	-86.882.367	891	rural	40	Reemplazo
1646116_2011-02-01_RE3_3A_145932	HN_1646116_2011_02_01_RE3_3A_145932_ref	16N	1.530.419	-8.666.467	788	rural	40	
1646117_2011-02-28_RE2_3A_143290	HN_1646117_2011_02_28_RE2_3A_143290_ref	16N	15.328.969	-86.439.569	768	rural	40	Reemplazo
1646121_2012-05-11_RE1_3A_145841	HN_1646121_2012_05_11_RE1_3A_145841_ref	16N	1.529.972	-8.554.703	1005	rural	15	Reemplazo/30% nubes/ Oscura

Anexo 9. Detalle de las imágenes procesadas hasta nivel de reflectancia, para Nicaragua.

Cruda	Recodificada	UTM	Latitud	Longitud	Altura	Modelo	Visibilidad	Observaciones
1644027_2010-03-12_RE2_3A_144585	NI_1644027_2010_03_12_RE2_3A_144585_ref	16N	10.670.711	-84.275.826	86	rural	15	
1644027_2012-06-25_RE4_3A_144585	NI_1644027_2012_06_25_RE4_3A_144585_ref	16N	10.802.161	-84.193.944	60	marítimo	20	
1644028_2010-03-12_RE2_3A_144585	NI_1644028_2010_03_12_RE2_3A_144585_ref	16N	10.800.915	-84.015.244	35	marítimo	20	
1644123_2010-11-14_RE1_3A_144585	NI_1644123_2010_11_14_RE1_3A_144585_ref	16N	11.039.589	-85.070.005	41	rural	40	
1644124_2010-10-20_RE5_3A_144585	NI_1644124_2010_10_20_RE5_3A_144585_ref	16N	10.991.209	-84.938.401	37	rural	20	
1644125_2010-10-20_RE5_3A_144585	NI_1644125_2010_10_20_RE5_3A_144585_ref	16N	11.044.509	-84.769.909	35	rural	60	
1644126_2010-05-30_RE5_3A_144585	NI_1644126_2010_05_30_RE5_3A_144585_ref	16N	11.025.494	-84.476.403	79	rural	30	
1644127_2010-01-19_RE2_3A_144585	NI_1644127_2010_01_19_RE2_3A_144585_ref	16N	11.005.186	-84.243.759	186	rural	20	Oscura
1644127_2010-03-12_RE2_3A_144585	NI_1644127_2010_03_12_RE2_3A_144585_ref	16N	10.924.871	-84.203.106	161	rural	20	
1644128_2011-05-17_RE4_3A_144585	NI_1644128_2011_05_17_RE4_3A_144585_ref	16N	10.977.999	-84.019.067	104	marítimo	20	
1644219_2010-12-27_RE1_3A_144585	NI_1644219_2010_12_27_RE1_3A_144585_ref	16N	11.284.479	-85.898.932	9	marítimo	40	Recorte ROI
1644220_2010-10-09_RE3_3A_144585	NI_1644220_2010_10_09_RE3_3A_144585_ref	16N	11.175.759	-85.752.602	171	marítimo	40	
1644221_2012-04-24_RE3_3A_144585	NI_1644221_2012_04_24_RE3_3A_144585_ref	16N	11.188.593	-85.641.194	126	marítimo	40	
1644222_2010-12-07_RE5_3A_144585	NI_1644222_2010_12_07_RE5_3A_144585_ref	16N	11.120.999	-85.358.797	50	rural	30	
1644223_2012-04-26_RE1_3A_144585	NI_1644223_2012_04_26_RE1_3A_144585_ref	16N	11.095.561	-85.166.928	40	rural	20	
1644224_2010-11-14_RE1_3A_144585	NI_1644224_2010_11_14_RE1_3A_144585_ref	16N	11.178.932	-84.979.469	94	rural	60	
1644225_2010-05-30_RE5_3A_144585	NI_1644225_2010_05_30_RE5_3A_144585_ref	16N	11.210.031	-84.639.371	64	rural	40	
1644225_2010-10-20_RE5_3A_144585	NI_1644225_2010_10_20_RE5_3A_144585_ref	16N	11.183.522	-84.668.138	83	rural	20	
1644226_2010-05-30_RE5_3A_144585	NI_1644226_2010_05_30_RE5_3A_144585_ref	16N	11.205.224	-84.442.798	92	rural	20	
1644227_2012-04-14_RE3_3A_144585	NI_1644227_2012_04_14_RE3_3A_144585_ref	16N	11.192.536	-84.249.319	235	rural	20	
1644228_2012-04-10_RE4_3A_144585	NI_1644228_2012_04_10_RE4_3A_144585_ref	16N	11.177.882	-84.017.380	62	marítimo	20	
1644318_2010-12-27_RE1_3A_144585	NI_1644318_2010_12_27_RE1_3A_144585_ref	16N	11.497.019	-86.137.316	82	marítimo	40	Recorte ROI
1644319_2011-11-24_RE4_3A_144585	NI_1644319_2011_11_24_RE4_3A_144585_ref	16N	11.408.197	-85.990.008	162	marítimo	40	
1644319_2012-03-10_RE1_3A_144585	NI_1644319_2012_03_10_RE1_3A_144585_ref	16N	11.408.197	-85.990.008	162	marítimo	20	

1644320_2011-11-29_RE4_3A_144585	NI_1644320_2011_11_29_RE4_3A_144585_ref	16N	11.318.363	-85.739.474	90	rural	40	
1644320_2011-12-01_RE1_3A_144585	NI_1644320_2011_12_01_RE1_3A_144585_ref	16N	11.400.944	-85.801.612	56	marítimo	40	
1644321_2011-11-29_RE4_3A_144585	NI_1644321_2011_11_29_RE4_3A_144585_ref	16N	11.460.021	-85.513.904	787	rural	20	
1644322_2011-11-29_RE4_3A_144585	NI_1644322_2011_11_29_RE4_3A_144585_ref	16N	11.453.780	-85.452.888	31	rural	30	Recorte ROI
1644323_2010-12-07_RE5_3A_144585	NI_1644323_2010_12_07_RE5_3A_144585_ref	16N	11.380.954	-85.137.528	31	rural	40	Lago
1644324_2010-11-14_RE1_3A_144585	NI_1644324_2010_11_14_RE1_3A_144585_ref	16N	11.400.780	-84.842.618	73	rural	20	
1644324_2010-12-07_RE5_3A_144585	NI_1644324_2010_12_07_RE5_3A_144585_ref	16N	11.451.039	-84.875.587	39	rural	20	
1644325_2012-03-25_RE2_3A_144585	NI_1644325_2012_03_25_RE2_3A_144585_ref	16N	11.405.350	-84.690.060	69	rural	20	
1644326_2010-03-08_RE3_3A_144585	NI_1644326_2010_03_08_RE3_3A_144585_ref	16N	11.411.422	-84.459.475	222	rural	20	
1644327_2010-05-30_RE5_3A_144585	NI_1644327_2010_05_30_RE5_3A_144585_ref	16N	11.381.305	-84.245.899	209	marítimo	20	
1644328_2010-03-12_RE2_3A_144585	NI_1644328_2010_03_12_RE2_3A_144585_ref	16N	11.379.979	-83.990.041	143	marítimo	20	
1644417_2010-12-11_RE4_3A_144585	NI_1644417_2010_12_11_RE4_3A_144585_ref	16N	11.681.736	-86.354.865	34	marítimo	40	
1644418_2011-12-01_RE1_3A_144585	NI_1644418_2011_12_01_RE1_3A_144585_ref	16N	11.635.791	-86.206.616	230	marítimo	60	
1644419_2011-12-01_RE1_3A_144585	NI_1644419_2011_12_01_RE1_3A_144585_ref	16N	11.604.818	-86.024.104	99	marítimo	40	
1644420_2010-11-09_RE5_3A_144585	NI_1644420_2010_11_09_RE5_3A_144585_ref	16N	11.591.148	-85.873.857	36	rural	20	
1644421_2011-11-29_RE4_3A_144585	NI_1644421_2011_11_29_RE4_3A_144585_ref	16N	11.541.888	-85.589.795	182	rural	20	
1644422_2012-01-05_RE3_3A_146056	NI_1644422_2012_01_05_RE3_3A_146056_ref	16N	11.638.055	-85.355.832	47	rural	40	Lago
1644423_2010-12-07_RE5_3A_144585	NI_1644423_2010_12_07_RE5_3A_144585_ref	16N	11.642.344	-85.052.768	77	rural	40	
1644424_2010-11-14_RE1_3A_144585	NI_1644424_2010_11_14_RE1_3A_144585_ref	16N	11.610.596	-84.867.508	55	rural	20	
1644424_2010-12-07_RE5_3A_144585	NI_1644424_2010_12_07_RE5_3A_144585_ref	16N	11.614.728	-84.852.490	78	rural	60	
1644425_2010-11-14_RE1_3A_144585	NI_1644425_2010_11_14_RE1_3A_144585_ref	16N	11.614.300	-84.684.555	214	rural	20	
1644426_2010-05-30_RE5_3A_144585	NI_1644426_2010_05_30_RE5_3A_144585_ref	16N	11.605.315	-84.447.051	243	rural	20	
1644426_2010-11-14_RE1_3A_144585	NI_1644426_2010_11_14_RE1_3A_144585_ref	16N	11.604.070	-84.527.386	301	rural	20	
1644427_2010-12-17_RE1_3A_144585	NI_1644427_2010_12_17_RE1_3A_144585_ref	16N	11.524.561	-84.220.132	82	marítimo	20	Oscura
1644427_2012-02-18_RE4_3A_144585	NI_1644427_2012_02_18_RE4_3A_144585_ref	16N	11.524.835	-84.218.184	94	marítimo	20	Oscura
1644428_2010-12-17_RE1_3A_144585	NI_1644428_2010_12_17_RE1_3A_144585_ref	16N	11.635.588	-83.999.537	20	marítimo	20	
1644516_2011-11-30_RE5_3A_144585	NI_1644516_2011_11_30_RE5_3A_144585_ref	16N	11.905.941	-86.576.219	39	marítimo	30	Recorte ROI

1644517_2010-12-11_RE4_3A_144585	NI_1644517_2010_12_11_RE4_3A_144585_ref	16N	11.850.997	-86.428.228	133	marítimo	60	
1644518_2011-12-01_RE1_3A_144585	NI_1644518_2011_12_01_RE1_3A_144585_ref	16N	11.850.924	-86.221.447	583	marítimo	30	
1644519_2010-12-27_RE1_3A_144585	NI_1644519_2010_12_27_RE1_3A_144585_ref	16N	11.869.674	-85.980.609	287	marítimo	30	
1644520_2011-03-02_RE4_3A_144585	NI_1644520_2011_03_02_RE4_3A_144585_ref	16N	11.744.403	-85.828.642	277	rural	20	
1644521_2010-11-15_RE2_3A_144585	NI_1644521_2010_11_15_RE2_3A_144585_ref	16N	11.918.689	-85.470.562	35	rural	15	Recorte ROI
1644522_2011-11-29_RE4_3A_144585	NI_1644522_2011_11_29_RE4_3A_144585_ref	16N	11.897.842	-85.313.645	50	rural	60	
1644523_2012-01-05_RE3_3A_144585	NI_1644523_2012_01_05_RE3_3A_144585_ref	16N	11.846.404	-85.064.669	133	rural	60	
1644524_2010-11-14_RE1_3A_144585	NI_1644524_2010_11_14_RE1_3A_144585_ref	16N	11.856.586	-84.883.411	136	rural	40	
1644525_2010-11-14_RE1_3A_144585	NI_1644525_2010_11_14_RE1_3A_144585_ref	16N	11.810.166	-84.680.464	190	rural	40	
1644526_2010-05-30_RE5_3A_144585	NI_1644526_2010_05_30_RE5_3A_144585_ref	16N	11.823.080	-84.458.087	178	rural	20	
1644526_2010-11-14_RE1_3A_144585	NI_1644526_2010_11_14_RE1_3A_144585_ref	16N	11.879.534	-84.493.333	212	rural	20	
1644527_2012-02-18_RE4_3A_144585	NI_1644527_2012_02_18_RE4_3A_144585_ref	16N	11.833.118	-84.250.260	217	rural	20	
1644528_2010-12-17_RE1_3A_144585	NI_1644528_2010_12_17_RE1_3A_144585_ref	16N	11.816.460	-84.025.385	39	marítimo	20	
1644616_2011-02-06_RE3_3A_144585	NI_1644616_2011_02_06_RE3_3A_144585_ref	16N	12.088.219	-86.605.437	54	marítimo	40	
1644617_2011-12-02_RE2_3A_144585	NI_1644617_2011_12_02_RE2_3A_144585_ref	16N	12.084.497	-86.461.101	275	rural	40	
1644618_2010-11-07_RE3_3A_144585	NI_1644618_2010_11_07_RE3_3A_144585_ref	16N	12.026.640	-86.221.193	301	urbano	40	
1644619_2011-12-01_RE1_3A_144585	NI_1644619_2011_12_01_RE1_3A_144585_ref	16N	12.059.885	-86.000.673	42	rural	60	
1644620_2012-06-26_RE4_3A_144585	NI_1644620_2012_06_26_RE4_3A_144585_ref	16N	12.123.188	-85.795.087	34	marítimo	40	Recorte ROI
1644621_2010-11-09_RE5_3A_144585	NI_1644621_2010_11_09_RE5_3A_144585_ref	16N	12.058.069	-85.570.002	150	rural	40	
1644622_2012-01-05_RE3_3A_144585	NI_1644622_2012_01_05_RE3_3A_144585_ref	16N	12.052.414	-85.338.372	84	rural	40	
1644623_2012-01-05_RE3_3A_144585	NI_1644623_2012_01_05_RE3_3A_144585_ref	16N	12.025.535	-85.143.613	339	rural	20	
1644624_2010-12-07_RE5_3A_144585	NI_1644624_2010_12_07_RE5_3A_144585_ref	16N	12.068.183	-84.905.030	262	rural	40	
1644625_2010-11-14_RE1_3A_144585	NI_1644625_2010_11_14_RE1_3A_144585_ref	16N	12.050.243	-84.674.282	174	rural	20	
1644626_2011-04-01_RE1_3A_144585	NI_1644626_2011_04_01_RE1_3A_144585_ref	16N	12.026.795	-84.451.652	206	rural	20	
1644627_2010-05-30_RE5_3A_144585	NI_1644627_2010_05_30_RE5_3A_144585_ref	16N	12.026.870	-84.243.204	44	rural	15	Oscura
1644628_2010-12-17_RE1_3A_144585	NI_1644628_2010_12_17_RE1_3A_144585_ref	16N	12.046.614	-84.031.670	8	marítimo	40	
1644714_2011-12-03_RE3_3A_144585	NI_1644714_2011_12_03_RE3_3A_144585_ref	16N	12.356.303	-87.006.212	24	marítimo	30	Recorte ROI

1644715_2011-02-06_RE3_3A_144585	NI_1644715_2011_02_06_RE3_3A_144585_ref	16N	12.298.623	-86.879.083	25	marítimo	30	
1644716_2011-02-06_RE3_3A_144585	NI_1644716_2011_02_06_RE3_3A_144585_ref	16N	12.267.232	-86.685.211	51	marítimo	40	
1644717_2011-02-06_RE4_3A_144585	NI_1644717_2011_02_06_RE4_3A_144585_ref	16N	12.209.788	-86.405.485	70	rural	40	
1644718_2010-11-07_RE3_3A_144585	NI_1644718_2010_11_07_RE3_3A_144585_ref	16N	12.290.910	-86.199.231	41	rural	30	
1644719_2011-11-24_RE4_3A_144585	NI_1644719_2011_11_24_RE4_3A_144585_ref	16N	12.255.587	-86.008.150	73	rural	40	
1644720_2011-12-01_RE1_3A_144585	NI_1644720_2011_12_01_RE1_3A_144585_ref	16N	12.263.307	-85.802.974	281	rural	20	
1644721_2010-11-09_RE5_3A_144585	NI_1644721_2010_11_09_RE5_3A_144585_ref	16N	12.264.512	-85.571.663	175	rural	40	
1644722_2012-01-05_RE3_3A_144585	NI_1644722_2012_01_05_RE3_3A_144585_ref	16N	12.243.201	-85.344.493	483	rural	40	
1644723_2012-01-05_RE3_3A_144585	NI_1644723_2012_01_05_RE3_3A_144585_ref	16N	12.259.473	-85.130.972	458	rural	40	
1644723_2012-04-24_RE3_3A_144585	NI_1644723_2012_04_24_RE3_3A_144585_ref	16N	12.241.905	-85.118.160	429	rural	15	
1644724_2010-12-07_RE5_3A_144585	NI_1644724_2010_12_07_RE5_3A_144585_ref	16N	12.252.617	-84.897.364	291	rural	40	
1644725_2010-11-14_RE1_3A_144585	NI_1644725_2010_11_14_RE1_3A_144585_ref	16N	12.256.080	-84.669.241	213	rural	15	Oscura
1644725_2010-12-07_RE5_3A_144585	NI_1644725_2010_12_07_RE5_3A_144585_ref	16N	12.256.170	-84.682.927	199	rural	40	
1644726_2010-05-30_RE5_3A_144585	NI_1644726_2010_05_30_RE5_3A_144585_ref	16N	12.247.315	-84.440.772	171	rural	40	
1644726_2010-11-14_RE1_3A_144585	NI_1644726_2010_11_14_RE1_3A_144585_ref	16N	12.247.051	-84.513.785	186	rural	15	Oscura
1644726_2011-04-01_RE1_3A_144585	NI_1644726_2011_04_01_RE1_3A_144585_ref	16N	12.246.274	-84.475.612	185	rural	20	Nubes
1644727_2010-05-30_RE5_3A_144585	NI_1644727_2010_05_30_RE5_3A_144585_ref	16N	12.244.392	-84.230.676	53	rural	15	
1644727_2010-12-17_RE1_3A_144585	NI_1644727_2010_12_17_RE1_3A_144585_ref	16N	12.244.243	-84.249.803	66	rural	60	
1644728_2010-12-17_RE1_3A_144585	NI_1644728_2010_12_17_RE1_3A_144585_ref	16N	12.239.117	-84.010.679	34	rural	40	
1644813_2012-08-18_RE5_3A_144585	NI_1644813_2012_08_18_RE5_3A_144585_ref	16N	12.576.948	-87.253.145	15	marítimo	40	Recorte ROI
1644814_2012-03-04_RE5_3A_144585	NI_1644814_2012_03_04_RE5_3A_144585_ref	16N	12.528.978	-87.099.163	31	marítimo	40	
1644815_2012-03-04_RE5_3A_144585	NI_1644815_2012_03_04_RE5_3A_144585_ref	16N	12.470.940	-86.890.836	100	rural	40	
1644816_2011-02-02_RE4_3A_144585	NI_1644816_2011_02_02_RE4_3A_144585_ref	16N	12.482.368	-86.678.909	562	rural	60	
1644817_2011-02-02_RE4_3A_144585	NI_1644817_2011_02_02_RE4_3A_144585_ref	16N	12.484.997	-86.453.454	52	rural	40	
1644818_2010-11-07_RE3_3A_144585	NI_1644818_2010_11_07_RE3_3A_144585_ref	16N	12.464.964	-86.215.338	82	rural	60	
1644819_2011-12-01_RE1_3A_144585	NI_1644819_2011_12_01_RE1_3A_144585_ref	16N	12.482.001	-85.980.113	342	rural	60	
1644820_2011-12-01_RE1_3A_144585	NI_1644820_2011_12_01_RE1_3A_144585_ref	16N	12.480.353	-85.772.778	400	rural	60	

1644821_2011-11-24_RE4_3A_144585	NI_1644821_2011_11_24_RE4_3A_144585_ref	16N	12.485.938	-85.544.421	504	rural	60	
1644822_2011-11-29_RE4_3A_144585	NI_1644822_2011_11_29_RE4_3A_144585_ref	16N	12.487.852	-85.345.637	360	rural	60	
1644823_2010-11-09_RE5_3A_144585	NI_1644823_2010_11_09_RE5_3A_144585_ref	16N	12.493.602	-85.121.696	376	rural	60	
1644824_2010-12-07_RE5_3A_144585	NI_1644824_2010_12_07_RE5_3A_144585_ref	16N	12.480.316	-84.886.414	126	rural	60	
1644825_2010-12-07_RE5_3A_144585	NI_1644825_2010_12_07_RE5_3A_144585_ref	16N	12.469.543	-84.653.702	103	rural	60	
1644825_2010-12-10_RE3_3A_144585	NI_1644825_2010_12_10_RE3_3A_144585_ref	16N	12.467.265	-84.688.624	126	rural	30	Oscura
1644826_2010-11-14_RE1_3A_144585	NI_1644826_2010_11_14_RE1_3A_144585_ref	16N	12.469.539	-84.434.710	92	rural	30	Oscura
1644826_2010-12-10_RE3_3A_144585	NI_1644826_2010_12_10_RE3_3A_144585_ref	16N	12.455.965	-84.471.233	113	rural	40	
1644827_2010-11-10_RE2_3A_144585	NI_1644827_2010_11_10_RE2_3A_144585_ref	16N	12.474.401	-84.246.256	125	rural	15	Oscura
1644827_2010-11-14_RE1_3A_144585	NI_1644827_2010_11_14_RE1_3A_144585_ref	16N	12.480.875	-84.232.082	140	rural	60	
1644827_2010-12-17_RE1_3A_144585	NI_1644827_2010_12_17_RE1_3A_144585_ref	16N	12.472.026	-84.219.550	133	rural	40	
1644828_2010-12-17_RE1_3A_144585	NI_1644828_2010_12_17_RE1_3A_144585_ref	16N	12.466.964	-84.003.675	63	marítimo	40	
1644912_2012-08-18_RE5_3A_144585	NI_1644912_2012_08_18_RE5_3A_144585_ref	16N	12.780.179	-87.492.901	34	marítimo	40	Recorte ROI
1644913_2012-03-04_RE5_3A_144585	NI_1644913_2012_03_04_RE5_3A_144585_ref	16N	12.728.541	-87.327.366	111	marítimo	60	
1644914_2012-03-04_RE5_3A_144585	NI_1644914_2012_03_04_RE5_3A_144585_ref	16N	12.697.549	-87.101.478	104	rural	40	
1644915_2012-03-04_RE5_3A_144585	NI_1644915_2012_03_04_RE5_3A_144585_ref	16N	12.703.556	-86.891.041	89	rural	30	
1644916_2011-02-02_RE4_3A_144585	NI_1644916_2011_02_02_RE4_3A_144585_ref	16N	12.710.752	-86.661.574	98	rural	60	
1644917_2012-03-13_RE4_3A_144585	NI_1644917_2012_03_13_RE4_3A_144585_ref	16N	12.718.117	-86.432.483	283	rural	60	
1644918_2011-04-10_RE5_3A_144585	NI_1644918_2011_04_10_RE5_3A_144585_ref	16N	12.709.230	-86.217.965	583	rural	20	
1644919_2011-12-01_RE1_3A_144585	NI_1644919_2011_12_01_RE1_3A_144585_ref	16N	12.709.101	-86.007.796	748	rural	20	
1644920_2011-12-01_RE1_3A_144585	NI_1644920_2011_12_01_RE1_3A_144585_ref	16N	12.729.294	-85.788.219	385	rural	40	
1644921_2011-11-24_RE4_3A_144585	NI_1644921_2011_11_24_RE4_3A_144585_ref	16N	12.694.957	-85.562.952	314	rural	60	
1644922_2011-11-29_RE4_3A_144585	NI_1644922_2011_11_29_RE4_3A_144585_ref	16N	12.696.227	-85.349.786	289	rural	40	
1644923_2010-11-09_RE5_3A_144585	NI_1644923_2010_11_09_RE5_3A_144585_ref	16N	12.692.821	-85.121.660	379	rural	60	
1644924_2010-12-07_RE5_3A_144585	NI_1644924_2010_12_07_RE5_3A_144585_ref	16N	12.703.455	-84.901.721	281	rural	30	
1644925_2010-12-07_RE5_3A_144585	NI_1644925_2010_12_07_RE5_3A_144585_ref	16N	12.694.376	-84.710.864	139	rural	60	

1644925_2010-12-10_RE3_3A_144585	NI_1644925_2010_12_10_RE3_3A_144585_ref	16N	12.687.940	-84.679.001	119	rural	20	Nubes
1644926_2010-11-14_RE1_3A_144585	NI_1644926_2010_11_14_RE1_3A_144585_ref	16N	12.686.435	-84.456.836	134	rural	20	
1644927_2010-05-30_RE5_3A_144585	NI_1644927_2010_05_30_RE5_3A_144585_ref	16N	12.686.057	-84.236.058	65	marítimo	20	Oscura
1644928_2010-12-17_RE1_3A_144585	NI_1644928_2010_12_17_RE1_3A_144585_ref	16N	12.681.283	-84.016.427	64	marítimo	20	
1645011_2012-03-14_RE5_3A_144585	NI_1645011_2012_03_14_RE5_3A_144585_ref	16N	12.921.009	-87.664.971	110	marítimo	20	Recorte ROI
1645012_2012-03-14_RE5_3A_144585	NI_1645012_2012_03_14_RE5_3A_144585_ref	16N	12.916.515	-87.552.247	127	marítimo	30	
1645013_2012-03-16_RE2_3A_144585	NI_1645013_2012_03_16_RE2_3A_144585_ref	16N	12.884.436	-87.333.687	7	marítimo	40	
1645014_2012-03-16_RE2_3A_144585	NI_1645014_2012_03_16_RE2_3A_144585_ref	16N	12.895.906	-87.109.688	4	marítimo	30	
1645015_2012-03-04_RE5_3A_144585	NI_1645015_2012_03_04_RE5_3A_144585_ref	16N	12.913.023	-86.884.211	46	marítimo	20	
1645016_2011-02-28_RE2_3A_144585	NI_1645016_2011_02_28_RE2_3A_144585_ref	16N	12.915.274	-86.667.311	219	marítimo	60	
1645017_2011-12-06_RE1_3A_144585	NI_1645017_2011_12_06_RE1_3A_144585_ref	16N	12.912.742	-86.445.277	773	rural	60	
1645018_2011-12-06_RE1_3A_144585	NI_1645018_2011_12_06_RE1_3A_144585_ref	16N	12.916.481	-86.224.858	791	rural	60	
1645019_2011-12-01_RE1_3A_144585	NI_1645019_2011_12_01_RE1_3A_144585_ref	16N	12.911.553	-86.004.320	647	rural	20	
1645020_2011-11-24_RE4_3A_144585	NI_1645020_2011_11_24_RE4_3A_144585_ref	16N	12.915.037	-85.781.568	927	rural	20	
1645021_2011-11-24_RE4_3A_144585	NI_1645021_2011_11_24_RE4_3A_144585_ref	16N	12.912.039	-85.560.614	525	rural	60	
1645022_2011-11-29_RE4_3A_144585	NI_1645022_2011_11_29_RE4_3A_144585_ref	16N	12.908.300	-85.340.666	447	rural	30	
1645023_2012-04-24_RE3_3A_144585	NI_1645023_2012_04_24_RE3_3A_144585_ref	16N	12.904.650	-85.123.539	221	rural	30	
1645024_2010-12-10_RE3_3A_144585	NI_1645024_2010_12_10_RE3_3A_144585_ref	16N	12.907.968	-84.898.399	126	rural	20	
1645025_2010-11-14_RE1_3A_144585	NI_1645025_2010_11_14_RE1_3A_144585_ref	16N	12.906.681	-84.676.699	138	rural	10	
1645025_2010-12-07_RE5_3A_144585	NI_1645025_2010_12_07_RE5_3A_144585_ref	16N	12.919.622	-84.657.295	153	rural	30	
1645026_2010-11-14_RE1_3A_144585	NI_1645026_2010_11_14_RE1_3A_144585_ref	16N	12.903.460	-84.455.595	82	rural	20	
1645027_2010-11-10_RE2_3A_144585	NI_1645027_2010_11_10_RE2_3A_144585_ref	16N	12.917.059	-84.215.631	44	rural	20	Oscura
1645028_2010-11-10_RE2_3A_144585	NI_1645028_2010_11_10_RE2_3A_144585_ref	16N	12.898.192	-84.014.305	23	rural	20	Nubes/Oscura
1645112_2010-12-01_RE3_3A_144585	NI_1645112_2010_12_01_RE3_3A_144585_ref	16N	13.040.026	-87.568.662	53	marítimo	40	
1645115_2011-02-28_RE2_3A_144585	NI_1645115_2011_02_28_RE2_3A_144585_ref	16N	13.131.675	-86.848.645	170	marítimo	40	
1645116_2011-02-02_RE4_3A_144585	NI_1645116_2011_02_02_RE4_3A_144585_ref	16N	13.132.666	-86.667.055	319	rural	60	
1645117_2011-12-06_RE1_3A_144585	NI_1645117_2011_12_06_RE1_3A_144585_ref	16N	13.135.790	-86.443.777	1125	rural	60	Recorte ROI

1645118_2011-12-06_RE1_3A_144585	NI_1645118_2011_12_06_RE1_3A_144585_ref	16N	13.133.003	-86.222.948	1059	rural	20	
1645119_2011-12-06_RE1_3A_144585	NI_1645119_2011_12_06_RE1_3A_144585_ref	16N	13.132.918	-86.002.012	988	rural	60	
1645120_2011-11-24_RE4_3A_144585	NI_1645120_2011_11_24_RE4_3A_144585_ref	16N	13.130.194	-85.781.548	593	rural	60	
1645121_2010-02-12_RE2_3A_144585	NI_1645121_2010_02_12_RE2_3A_144585_ref	16N	13.128.087	-85.560.759	546	rural	60	
1645122_2012-04-24_RE3_3A_144585	NI_1645122_2012_04_24_RE3_3A_144585_ref	16N	13.128.223	-85.338.192	337	rural	20	
1645123_2012-04-24_RE3_3A_144585	NI_1645123_2012_04_24_RE3_3A_144585_ref	16N	13.125.153	-85.118.928	165	rural	60	
1645124_2010-12-10_RE3_3A_144585	NI_1645124_2010_12_10_RE3_3A_144585_ref	16N	13.126.522	-84.894.701	106	rural	60	
1645125_2010-12-10_RE3_3A_144585	NI_1645125_2010_12_10_RE3_3A_144585_ref	16N	13.125.129	-84.675.493	96	rural	60	
1645126_2010-11-14_RE1_3A_144585	NI_1645126_2010_11_14_RE1_3A_144585_ref	16N	13.117.691	-84.453.500	88	rural	60	
1645127_2010-12-21_RE5_3A_144585	NI_1645127_2010_12_21_RE5_3A_144585_ref	16N	13.121.717	-84.229.852	39	marítimo	60	
1645128_2010-12-21_RE5_3A_144585	NI_1645128_2010_12_21_RE5_3A_144585_ref	16N	13.115.843	-84.006.570	33	marítimo	60	
1645215_2011-12-03_RE3_3A_144585	NI_1645215_2011_12_03_RE3_3A_144585_ref	16N	13.272.973	-86.839.857	765	marítimo	60	Recorte ROI
1645216_2011-11-30_RE5_3A_144585	NI_1645216_2011_11_30_RE5_3A_144585_ref	16N	13.364.643	-86.627.936	1060	rural	20	
1645217_2011-02-02_RE4_3A_144585	NI_1645217_2011_02_02_RE4_3A_144585_ref	16N	13.353.151	-86.441.785	681	rural	60	
1645218_2010-03-10_RE4_3A_144585	NI_1645218_2010_03_10_RE4_3A_144585_ref	16N	13.347.932	-86.223.700	797	rural	60	
1645219_2010-11-05_RE1_3A_144585	NI_1645219_2010_11_05_RE1_3A_144585_ref	16N	13.346.382	-86.001.967	542	rural	60	
1645220_2010-11-05_RE1_3A_144585	NI_1645220_2010_11_05_RE1_3A_144585_ref	16N	13.348.139	-85.781.419	839	rural	60	
1645221_2010-02-12_RE2_3A_144585	NI_1645221_2010_02_12_RE2_3A_144585_ref	16N	13.347.542	-85.558.648	871	rural	60	
1645222_2010-11-09_RE5_3A_144585	NI_1645222_2010_11_09_RE5_3A_144585_ref	16N	13.345.453	-85.339.267	396	rural	60	
1645223_2010-11-16_RE3_3A_144585	NI_1645223_2010_11_16_RE3_3A_144585_ref	16N	13.343.950	-85.114.637	251	rural	60	
1645224_2010-12-10_RE3_3A_144585	NI_1645224_2010_12_10_RE3_3A_144585_ref	16N	13.344.501	-84.886.880	123	rural	40	
1645225_2010-12-10_RE3_3A_144585	NI_1645225_2010_12_10_RE3_3A_144585_ref	16N	13.338.380	-84.673.411	96	rural	60	Oscura
1645226_2010-11-14_RE1_3A_144585	NI_1645226_2010_11_14_RE1_3A_144585_ref	16N	13.340.855	-84.447.538	46	rural	60	
1645226_2010-12-10_RE3_3A_144585	NI_1645226_2010_12_10_RE3_3A_144585_ref	16N	13.340.855	-84.447.538	46	rural	60	Oscura
1645226_2010-12-21_RE5_3A_144585	NI_1645226_2010_12_21_RE5_3A_144585_ref	16N	13.337.436	-84.410.502	37	rural	40	Recorte ROI
1645227_2010-12-21_RE5_3A_144585	NI_1645227_2010_12_21_RE5_3A_144585_ref	16N	13.332.713	-84.231.186	34	marítimo	60	
1645228_2010-12-21_RE5_3A_144585	NI_1645228_2010_12_21_RE5_3A_144585_ref	16N	13.329.708	-84.007.804	24	marítimo	60	

1645316_2011-02-02_RE4_3A_144585	NI_1645316_2011_02_02_RE4_3A_144585_ref	16N	13.569.166	-86.644.885	729	rural	40	
1645317_2011-11-30_RE5_3A_144585	NI_1645317_2011_11_30_RE5_3A_144585_ref	16N	13.565.888	-86.493.773	787	rural	20	
1645318_2010-03-10_RE4_3A_144585	NI_1645318_2010_03_10_RE4_3A_144585_ref	16N	13.566.646	-86.223.112	966	rural	60	
1645319_2010-11-05_RE1_3A_144585	NI_1645319_2010_11_05_RE1_3A_144585_ref	16N	13.565.629	-86.009.019	683	rural	20	
1645320_2010-11-05_RE1_3A_144585	NI_1645320_2010_11_05_RE1_3A_144585_ref	16N	13.567.377	-85.780.327	552	rural	20	
1645321_2010-02-12_RE2_3A_144585	NI_1645321_2010_02_12_RE2_3A_144585_ref	16N	13.564.761	-85.557.920	758	rural	40	
1645322_2010-11-09_RE5_3A_144585	NI_1645322_2010_11_09_RE5_3A_144585_ref	16N	13.561.568	-85.335.571	375	rural	20	
1645323_2011-11-29_RE4_3A_144585	NI_1645323_2011_11_29_RE4_3A_144585_ref	16N	13.561.556	-85.114.383	676	rural	40	
1645324_2011-11-29_RE4_3A_144585	NI_1645324_2011_11_29_RE4_3A_144585_ref	16N	13.560.179	-84.892.363	121	rural	60	
1645325_2010-10-05_RE4_3A_144585	NI_1645325_2010_10_05_RE4_3A_144585_ref	16N	13.558.249	-84.670.998	77	rural	40	
1645326_2010-10-05_RE4_3A_144585	NI_1645326_2010_10_05_RE4_3A_144585_ref	16N	13.552.316	-84.499.169	49	rural	40	Recorte ROI
1645326_2010-12-21_RE5_3A_144585	NI_1645326_2010_12_21_RE5_3A_144585_ref	16N	13.555.952	-84.376.694	51	rural	40	Recorte ROI
1645326_2011-04-01_RE1_3A_144585	NI_1645326_2011_04_01_RE1_3A_144585_ref	16N	13.553.017	-84.449.747	47	rural	60	Nubes/Oscura
1645327_2010-12-21_RE5_3A_144585	NI_1645327_2010_12_21_RE5_3A_144585_ref	16N	13.549.436	-84.238.557	34	rural	30	
1645328_2010-12-21_RE5_3A_144585	NI_1645328_2010_12_21_RE5_3A_144585_ref	16N	13.551.376	-84.005.463	10	rural	60	
1645416_2011-04-13_RE3_3A_144585	NI_1645416_2011_04_13_RE3_3A_144585_ref	16N	13.771.435	-86.649.899	1058	rural	30	Recorte ROI
1645417_2010-03-10_RE4_3A_144585	NI_1645417_2010_03_10_RE4_3A_144585_ref	16N	13.723.760	-86.455.122	1138	rural	40	Recorte ROI
1645418_2010-03-10_RE4_3A_144585	NI_1645418_2010_03_10_RE4_3A_144585_ref	16N	13.775.544	-86.195.694	579	rural	40	
1645419_2011-12-06_RE1_3A_144585	NI_1645419_2011_12_06_RE1_3A_144585_ref	16N	13.785.245	-85.999.185	1064	rural	40	
1645420_2010-10-10_RE4_3A_144585	NI_1645420_2010_10_10_RE4_3A_144585_ref	16N	13.789.983	-85.772.493	508	rural	20	
1645421_2011-11-24_RE4_3A_144585	NI_1645421_2011_11_24_RE4_3A_144585_ref	16N	13.782.401	-85.556.447	1137	rural	20	
1645422_2010-02-12_RE2_3A_144585	NI_1645422_2010_02_12_RE2_3A_144585_ref	16N	13.781.008	-85.333.014	459	rural	40	
1645423_2010-02-23_RE4_3A_144585	NI_1645423_2010_02_23_RE4_3A_144585_ref	16N	13.780.420	-85.112.683	340	rural	60	
1645424_2010-02-23_RE4_3A_144585	NI_1645424_2010_02_23_RE4_3A_144585_ref	16N	13.777.766	-84.890.441	134	rural	20	Nubes
1645425_2011-03-22_RE5_3A_144585	NI_1645425_2011_03_22_RE5_3A_144585_ref	16N	13.776.053	-84.668.390	545	rural	40	
1645426_2010-02-24_RE5_3A_144585	NI_1645426_2010_02_24_RE5_3A_144585_ref	16N	13.773.312	-84.446.876	108	rural	20	Nubes
1645426_2010-10-05_RE4_3A_144585	NI_1645426_2010_10_05_RE4_3A_144585_ref	16N	13.789.149	-84.487.618	321	rural	40	Recorte ROI

1645427_2010-12-21_RE5_3A_144585	NI_1645427_2010_12_21_RE5_3A_144585_ref	16N	13.771.007	-84.225.944	30	rural	40	
1645428_2010-12-21_RE5_3A_144585	NI_1645428_2010_12_21_RE5_3A_144585_ref	16N	13.768.235	-84.003.551	21	rural	60	
1645518_2010-03-10_RE4_3A_144585	NI_1645518_2010_03_10_RE4_3A_144585_ref	16N	13.927.515	-86.163.870	1260	rural	20	
1645519_2011-12-06_RE1_3A_144585	NI_1645519_2011_12_06_RE1_3A_144585_ref	16N	13.968.148	-86.057.763	663	rural	40	
1645520_2011-11-24_RE4_3A_144585	NI_1645520_2011_11_24_RE4_3A_144585_ref	16N	13.928.261	-85.707.751	583	rural	20	Recorte ROI
1645520_2011-12-06_RE1_3A_144585	NI_1645520_2011_12_06_RE1_3A_144585_ref	16N	13.930.232	-85.721.636	887	rural	20	Recorte ROI
1645521_2010-11-05_RE1_3A_144585	NI_1645521_2010_11_05_RE1_3A_144585_ref	16N	13.961.819	-85.551.535	556	rural	20	Recorte ROI
1645522_2010-10-09_RE3_3A_144585	NI_1645522_2010_10_09_RE3_3A_144585_ref	16N	13.988.846	-85.289.483	268	rural	20	Recorte ROI
1645522_2010-11-05_RE1_3A_144585	NI_1645522_2010_11_05_RE1_3A_144585_ref	16N	14.021.351	-85.416.125	396	rural	60	Recorte ROI
1645522_2011-11-24_RE4_3A_144585	NI_1645522_2011_11_24_RE4_3A_144585_ref	16N	13.998.590	-85.333.394	212	rural	15	Nubes
1645522_2012-08-26_RE3_3A_144585	NI_1645522_2012_08_26_RE3_3A_144585_ref	16N	13.999.777	-85.334.842	207	rural	20	Oscura
1645523_2010-02-23_RE4_3A_144585	NI_1645523_2010_02_23_RE4_3A_144585_ref	16N	13.995.101	-85.112.278	372	rural	20	Nubes
1645524_2010-02-23_RE4_3A_144585	NI_1645524_2010_02_23_RE4_3A_144585_ref	16N	13.995.451	-84.888.067	289	rural	40	
1645525_2011-03-22_RE5_3A_144585	NI_1645525_2011_03_22_RE5_3A_144585_ref	16N	13.991.966	-84.665.444	358	rural	40	
1645526_2010-02-24_RE5_3A_144585	NI_1645526_2010_02_24_RE5_3A_144585_ref	16N	13.989.014	-84.442.327	123	rural	15	Nubes
1645527_2010-02-24_RE5_3A_144585	NI_1645527_2010_02_24_RE5_3A_144585_ref	16N	13.988.846	-84.223.714	74	rural	20	Nubes/Oscura
1645528_2010-12-21_RE5_3A_144585	NI_1645528_2010_12_21_RE5_3A_144585_ref	16N	13.986.858	-83.999.519	37	rural	40	
1645621_2010-11-05_RE1_3A_144585	NI_1645621_2010_11_05_RE1_3A_144585_ref	16N	14.105.684	-85.451.213	379	rural	60	
1645622_2010-02-12_RE2_3A_144585	NI_1645622_2010_02_12_RE2_3A_144585_ref	16N	14.170.516	-85.296.356	259	rural	40	
1645623_2010-02-23_RE4_3A_144585	NI_1645623_2010_02_23_RE4_3A_144585_ref	16N	14.213.070	-85.109.772	214	rural	40	Nubes
1645623_2012-08-26_RE3_3A_144585	NI_1645623_2012_08_26_RE3_3A_144585_ref	16N	14.218.541	-85.137.762	355	rural	40	Oscura
1645624_2010-02-23_RE4_3A_144585	NI_1645624_2010_02_23_RE4_3A_144585_ref	16N	14.209.966	-84.887.384	465	rural	60	
1645625_2010-02-23_RE4_3A_144585	NI_1645625_2010_02_23_RE4_3A_144585_ref	16N	14.209.929	-84.661.796	135	rural	40	
1645626_2010-02-24_RE5_3A_144585	NI_1645626_2010_02_24_RE5_3A_144585_ref	16N	14.206.240	-84.442.275	145	rural	10	
1645627_2010-02-24_RE5_3A_144585	NI_1645627_2010_02_24_RE5_3A_144585_ref	16N	14.204.189	-84.218.452	78	rural	20	Nubes
1645628_2010-10-29_RE4_3A_144585	NI_1645628_2010_10_29_RE4_3A_144585_ref	16N	14.201.795	-83.997.948	85	rural	40	Oscura
1645723_2010-02-23_RE4_3A_144585	NI_1645723_2010_02_23_RE4_3A_144585_ref	16N	14.424.779	-85.085.049	311	rural	60	

1645723_2012-08-26_RE3_3A_144585	NI_1645723_2012_08_26_RE3_3A_144585_ref	16N	14.428.999	-85.079.211	265	rural	40	
1645724_2010-02-23_RE4_3A_144585	NI_1645724_2010_02_23_RE4_3A_144585_ref	16N	14.428.293	-84.884.865	320	rural	40	Nubes
1645725_2010-02-23_RE4_3A_144585	NI_1645725_2010_02_23_RE4_3A_144585_ref	16N	14.426.589	-84.660.775	165	rural	20	Nubes
1645726_2010-11-16_RE3_3A_144585	NI_1645726_2010_11_16_RE3_3A_144585_ref	16N	14.431.114	-84.475.712	114	rural	60	Recorte ROI
1645726_2012-05-08_RE3_3A_144585	NI_1645726_2012_05_08_RE3_3A_144585_ref	16N	14.423.412	-84.440.614	174	rural	40	
1645727_2010-02-24_RE5_3A_144585	NI_1645727_2010_02_24_RE5_3A_144585_ref	16N	14.420.535	-84.216.578	94	rural	20	
1645728_2011-03-30_RE4_3A_144585	NI_1645728_2011_03_30_RE4_3A_144585_ref	16N	14.421.367	-83.996.057	80	rural	60	
1645823_2010-02-12_RE2_3A_144585	NI_1645823_2010_02_12_RE2_3A_144585_ref	16N	14.629.971	-84.999.699	174	rural	40	
1645823_2010-02-23_RE4_3A_144585	NI_1645823_2010_02_23_RE4_3A_144585_ref	16N	14.629.971	-84.999.699	174	rural	40	
1645824_2010-11-16_RE3_3A_144585	NI_1645824_2010_11_16_RE3_3A_144585_ref	16N	14.654.599	-84.875.832	151	rural	60	
1645825_2010-11-16_RE3_3A_144585	NI_1645825_2010_11_16_RE3_3A_144585_ref	16N	14.613.181	-84.676.025	102	rural	20	
1645826_2010-06-06_RE2_3A_144585	NI_1645826_2010_06_06_RE2_3A_144585_ref	16N	14.576.866	-84.425.154	72	rural	60	Recorte/Oscura
1645826_2010-11-16_RE3_3A_144585	NI_1645826_2010_11_16_RE3_3A_144585_ref	16N	14.575.845	-84.439.527	60	rural	60	Recorte ROI
1645827_2010-02-24_RE5_3A_144585	NI_1645827_2010_02_24_RE5_3A_144585_ref	16N	14.621.033	-84.200.883	66	rural	40	Nubes
1645828_2010-02-24_RE5_3A_144585	NI_1645828_2010_02_24_RE5_3A_144585_ref	16N	14.630.084	-83.984.188	138	rural	40	Nubes
1645924_2010-11-16_RE3_3A_144585	NI_1645924_2010_11_16_RE3_3A_144585_ref	16N	14.782.548	-84.840.492	118	rural	40	Recorte ROI
1645925_2010-11-16_RE3_3A_144585	NI_1645925_2010_11_16_RE3_3A_144585_ref	16N	14.771.544	-84.759.000	100	rural	30	Recorte ROI
1645928_2010-02-24_RE5_3A_144585	NI_1645928_2010_02_24_RE5_3A_144585_ref	16N	14.744.475	-83.950.590	38	marítimo	40	Recorte ROI
1744001_2010-03-13_RE3_3A_144585	NI_1744001_2010_03_13_RE3_3A_144585_ref	17N	10.785.343	-83.927.313	172	rural	30	
1744002_2010-01-26_RE5_3A_144585	NI_1744002_2010_01_26_RE5_3A_144585_ref	17N	10.817.105	-83.767.829	50	marítimo	40	Recorte ROI
1744101_2011-05-17_RE4_3A_144585	NI_1744101_2011_05_17_RE4_3A_144585_ref	17N	10.964.917	-83.979.646	36	marítimo	30	Oscura
1744102_2010-01-26_RE5_3A_144585	NI_1744102_2010_01_26_RE5_3A_144585_ref	17N	10.916.572	-83.762.596	17	marítimo	30	
1744201_2012-04-10_RE4_3A_144585	NI_1744201_2012_04_10_RE4_3A_144585_ref	17N	11.167.049	-83.965.659	34	marítimo	40	
1744202_2010-12-18_RE2_3A_144585	NI_1744202_2010_12_18_RE2_3A_144585_ref	17N	11.103.186	-83.847.392	16	marítimo	20	Recorte ROI
1744301_2010-03-12_RE2_3A_144585	NI_1744301_2010_03_12_RE2_3A_144585_ref	17N	11.387.224	-83.985.401	50	marítimo	40	
1744302_2012-08-25_RE3_3A_144585	NI_1744302_2012_08_25_RE3_3A_144585_ref	17N	11.473.576	-83.814.576	23	marítimo	30	
1744401_2010-12-17_RE1_3A_144585	NI_1744401_2010_12_17_RE1_3A_144585_ref	17N	11.606.360	-83.975.189	25	marítimo	40	

1744402_2010-12-17_RE1_3A_144585	NI_1744402_2010_12_17_RE1_3A_144585_ref	17N	11.616.664	-83.759.803	72	marítimo	60	
1744501_2010-03-12_RE2_3A_144585	NI_1744501_2010_03_12_RE2_3A_144585_ref	17N	11.820.173	-83.964.982	41	rural	30	
1744502_2010-12-17_RE1_3A_144585	NI_1744502_2010_12_17_RE1_3A_144585_ref	17N	11.790.470	-83.812.190	25	marítimo	60	
1744601_2010-12-17_RE1_3A_144585	NI_1744601_2010_12_17_RE1_3A_144585_ref	17N	12.035.235	-83.975.379	6	marítimo	40	
1744602_2010-12-17_RE1_3A_144585	NI_1744602_2010_12_17_RE1_3A_144585_ref	17N	12.061.340	-83.777.923	4	marítimo	60	
1744701_2010-12-17_RE1_3A_144585	NI_1744701_2010_12_17_RE1_3A_144585_ref	17N	12.258.159	-83.984.387	27	marítimo	60	
1744702_2010-12-17_RE1_3A_144585	NI_1744702_2010_12_17_RE1_3A_144585_ref	17N	12.269.457	-83.781.529	51	marítimo	40	
1744801_2010-12-17_RE1_3A_144585	NI_1744801_2010_12_17_RE1_3A_144585_ref	17N	12.489.791	-83.974.639	46	rural	40	Clara
1744802_2010-12-17_RE1_3A_144585	NI_1744802_2010_12_17_RE1_3A_144585_ref	17N	12.465.221	-83.744.087	9	marítimo	60	
1744803_2010-03-12_RE2_3A_144585	NI_1744803_2010_03_12_RE2_3A_144585_ref	17N	12.460.397	-83.559.391	5	marítimo	60	
1744901_2010-12-17_RE1_3A_144585	NI_1744901_2010_12_17_RE1_3A_144585_ref	17N	12.685.916	-83.972.153	52	marítimo	40	Clara
1744902_2010-03-12_RE2_3A_144585	NI_1744902_2010_03_12_RE2_3A_144585_ref	17N	12.701.675	-83.762.114	33	marítimo	40	
1744903_2010-12-17_RE1_3A_144585	NI_1744903_2010_12_17_RE1_3A_144585_ref	17N	12.678.166	-83.620.813	17	marítimo	60	
1745001_2010-12-17_RE1_3A_144585	NI_1745001_2010_12_17_RE1_3A_144585_ref	17N	12.911.938	-83.982.162	34	rural	40	
1745002_2010-03-12_RE2_3A_144585	NI_1745002_2010_03_12_RE2_3A_144585_ref	17N	12.912.575	-83.776.895	6	marítimo	40	Oscura
1745002_2012-02-28_RE5_3A_144585	NI_1745002_2012_02_28_RE5_3A_144585_ref	17N	12.899.669	-83.760.433	12	marítimo	40	
1745003_2010-03-12_RE2_3A_144585	NI_1745003_2010_03_12_RE2_3A_144585_ref	17N	12.922.455	-83.572.715	11	marítimo	60	
1745101_2010-12-21_RE5_3A_144585	NI_1745101_2010_12_21_RE5_3A_144585_ref	17N	13.128.750	-83.993.276	21	rural	60	Clara
1745102_2010-05-30_RE5_3A_144585	NI_1745102_2010_05_30_RE5_3A_144585_ref	17N	13.118.293	-8.377.242	44	marítimo	40	
1745103_2010-12-03_RE1_3A_144585	NI_1745103_2010_12_03_RE1_3A_144585_ref	17N	13.131.577	-83.612.149	23	marítimo	30	
1745201_2010-12-21_RE5_3A_144585	NI_1745201_2010_12_21_RE5_3A_144585_ref	17N	13.338.762	-83.988.148	21	rural	30	Clara
1745202_2010-05-30_RE5_3A_144585	NI_1745202_2010_05_30_RE5_3A_144585_ref	17N	13.352.223	-83.744.915	14	marítimo	40	Clara
1745203_2010-09-12_RE5_3A_144585	NI_1745203_2010_09_12_RE5_3A_144585_ref	17N	13.327.618	-83.611.156	10	marítimo	60	Recorte ROI
1745301_2010-12-21_RE5_3A_144585	NI_1745301_2010_12_21_RE5_3A_144585_ref	17N	13.562.869	-83.988.472	18	rural	60	
1745302_2012-03-09_RE5_3A_146056	NI_1745302_2012_03_09_RE5_3A_146056_ref	17N	13.564.604	-85.355.832	17	marítimo	10	
1745302_2012-04-14_RE3_3A_146056	NI_1745302_2012_04_14_RE3_3A_146056_ref	17N	13.564.604	-83.783.125	17	marítimo	40	Oscura
1745303_2010-12-17_RE1_3A_144585	NI_1745303_2010_12_17_RE1_3A_144585_ref	17N	13.571.988	-83.601.390	5	marítimo	40	

1745401_2010-12-21_RE5_3A_144585	NI_1745401_2010_12_21_RE5_3A_144585_ref	17N	13.770.837	-83.998.177	19	rural	40	
1745402_2010-12-17_RE1_3A_144585	NI_1745402_2010_12_17_RE1_3A_144585_ref	17N	13.767.285	-83.764.243	11	rural	30	
1745403_2010-05-30_RE5_3A_144585	NI_1745403_2010_05_30_RE5_3A_144585_ref	17N	13.784.418	-83.572.418	0	marítimo	40	
1745403_2010-09-12_RE5_3A_144585	NI_1745403_2010_09_12_RE5_3A_144585_ref	17N	13.776.978	-83.564.294	2	marítimo	60	
1745501_2010-12-21_RE5_3A_144585	NI_1745501_2010_12_21_RE5_3A_144585_ref	17N	13.993.173	-84.020.261	41	rural	30	
1745502_2012-04-12_RE1_3A_144585	NI_1745502_2012_04_12_RE1_3A_144585_ref	17N	13.999.743	-83.784.463	108	marítimo	60	
1745503_2010-05-06_RE5_3A_144585	NI_1745503_2010_05_06_RE5_3A_144585_ref	17N	14.014.402	-83.569.523	9	marítimo	60	
1745504_2012-01-23_RE2_3A_144585	NI_1745504_2012_01_23_RE2_3A_144585_ref	17N	14.053.748	-83.407.332	12	marítimo	30	
1745601_2010-10-29_RE4_3A_144585	NI_1745601_2010_10_29_RE4_3A_144585_ref	17N	14.214.514	-84.012.883	94	rural	20	Oscura
1745602_2012-02-18_RE4_3A_144585	NI_1745602_2012_02_18_RE4_3A_144585_ref	17N	14.216.218	-83.793.703	43	rural	40	Oscura
1745603_2012-01-23_RE2_3A_144585	NI_1745603_2012_01_23_RE2_3A_144585_ref	17N	14.209.058	-8.356.213	16	rural	40	Oscura
1745604_2012-02-26_RE3_3A_144585	NI_1745604_2012_02_26_RE3_3A_144585_ref	17N	14.229.282	-83.328.698	15	marítimo	30	
1745605_2012-03-22_RE4_3A_146056	NI_1745605_2012_03_22_RE4_3A_146056_ref	17N	14.300.961	-83.222.019	4	marítimo	60	Recorte ROI
1745701_2010-02-24_RE5_3A_144585	NI_1745701_2010_02_24_RE5_3A_144585_ref	17N	14.432.686	-84.022.857	86	rural	40	Nubes
1745702_2012-04-12_RE1_3A_144585	NI_1745702_2012_04_12_RE1_3A_144585_ref	17N	14.420.695	-83.767.534	69	rural	40	
1745703_2011-08-03_RE1_3A_144585	NI_1745703_2011_08_03_RE1_3A_144585_ref	17N	14.432.262	-83.540.521	37	marítimo	60	
1745704_2012-04-09_RE3_3A_144585	NI_1745704_2012_04_09_RE3_3A_144585_ref	17N	14.429.946	-83.336.490	7	marítimo	40	Recorte ROI
1745705_2012-08-25_RE3_3A_144585	NI_1745705_2012_08_25_RE3_3A_144585_ref	17N	14.354.139	-83.213.034	2	marítimo	70	Recorte ROI
1745801_2010-02-24_RE5_3A_144585	NI_1745801_2010_02_24_RE5_3A_144585_ref	17N	14.642.300	-84.003.378	93	rural	20	
1745802_2011-03-30_RE4_3A_144585	NI_1745802_2011_03_30_RE4_3A_144585_ref	17N	14.654.140	-83.788.801	81	rural	60	
1745803_2011-10-26_RE4_3A_144585	NI_1745803_2011_10_26_RE4_3A_144585_ref	17N	14.655.639	-83.559.633	50	marítimo	40	
1745804_2010-12-26_RE5_3A_144585	NI_1745804_2010_12_26_RE5_3A_144585_ref	17N	14.626.496	-83.345.354	12	marítimo	30	
1745901_2010-02-24_RE5_3A_144585	NI_1745901_2010_02_24_RE5_3A_144585_ref	17N	14.747.614	-84.003.352	45	rural	40	Recorte/clara
1745902_2011-03-30_RE4_3A_144585	NI_1745902_2011_03_30_RE4_3A_144585_ref	17N	14.784.584	-83.745.758	37	rural	60	
1745903_2012-04-09_RE3_3A_144585	NI_1745903_2012_04_09_RE3_3A_144585_ref	17N	14.854.897	-83.536.488	6	marítimo	30	
1745904_2012-04-12_RE1_3A_144585	NI_1745904_2012_04_12_RE1_3A_144585_ref	17N	14.895.089	-83.402.280	6	marítimo	30	
1745905_2012-03-22_RE4_3A_144585	NI_1745905_2012_03_22_RE4_3A_144585_ref	17N	14.964.455	-83.216.158	10	marítimo	60	Recorte ROI

1746003_2012-04-09_RE3_3A_144585	NI_1746003_2012_04_09_RE3_3A_144585_ref	17N	15.006.382	-83.480.810	8	rural	30	Recorte ROI
1746004_2012-04-09_RE3_3A_144585	NI_1746004_2012_04_09_RE3_3A_144585_ref	17N	14.988.453	-83.376.880	5	marítimo	30	Recorte ROI
1746005_2010-12-26_RE5_3A_144585	NI_1746005_2010_12_26_RE5_3A_144585_ref	17N	14.993.654	-83.144.058	7	marítimo	40	Recorte ROI

Anexo 10. Detalle de las imágenes procesadas hasta nivel de reflectancia, para República Dominicana.

Cruda	Recodificada	UTM	LATITUD	LONGITUD	ALTITUD	MODELO	VISIBILIDAD	Observación
1947203_2012-08-18_RE3_3A_143485	RD_1947203_2012_08_18_RE3_3A_143485_ref	19N	17.76293333	-71.51567778	134	marítimo	40	
1947204_2012-08-18_RE3_3A_143485	RD_1947204_2012_08_18_RE3_3A_143485_ref	19N	17.714368	-71.403982	1	marítimo	40	Oscura
1947811_2012-01-23_RE5_3A_143485	RD_1947811_2012_01_23_RE5_3A_143485_ref	19N	19.008701	-69.807348	246	rural	10	
1947608_2011-11-23_RE1_3A_145355	RD_1947608_2011_11_23_RE1_3A_145355_ref	19N	18.556644	-70.475185	670	marítimo	20	
1847528_2011-01-19_RE2_3A_143485	RD_1847528_2011_01_19_RE2_3A_143485_ref	19N	18.339738	-71.921604	1974	rural	40	Recorte ROI
1847628_2012-02-23_RE2_3A_143485	RD_1847628_2012_02_23_RE2_3A_143485_ref	19N	18.546232	-71.924457	71	marítimo	60	
1947303_2012-04-17_RE4_3A_143485	RD_1947303_2012_04_17_RE4_3A_143485_ref	19N	17.90359	-71.613016	135	marítimo	30	
1947304_2011-12-16_RE5_3A_143485	RD_1947304_2011_12_16_RE5_3A_143485_ref	19N	17.924845	-71.369268	255	marítimo	40	
1947305_2012-04-17_RE4_3A_143485	RD_1947305_2012_04_17_RE4_3A_143485_ref	19N	17.938347	-71.200934	68	marítimo	30	
1947402_2012-07-17_RE4_3A_143485	RD_1947402_2012_07_17_RE4_3A_143485_ref	19N	18.153231	-71.754203	312	marítimo	30	
1947403_2012-07-17_RE4_3A_143485	RD_1947403_2012_07_17_RE4_3A_143485_ref	19N	18.120456	-71.603661	1062	marítimo	20	
1947404_2012-08-03_RE2_3A_143485	RD_1947404_2012_08_03_RE2_3A_143485_ref	19N	18.104015	-71.378266	977	rural	20	
1947405_2012-04-17_RE4_3A_143485	RD_1947405_2012_04_17_RE4_3A_143485_ref	19N	18.121421	-71.135289	739	marítimo	20	
1947408_2012-08-27_RE2_3A_143485	RD_1947408_2012_08_27_RE2_3A_143485_ref	19N	18.205542	-70.487443	13	marítimo	40	Recorte ROI
1947409_2012-08-27_RE2_3A_143485	RD_1947409_2012_08_27_RE2_3A_143485_ref	19N	18.234294	-70.236427	7	marítimo	30	Recorte ROI
1947415_2012-08-29_RE5_3A_143485	RD_1947415_2012_08_29_RE5_3A_143485_ref	19N	18.173326	-68.783753	1	marítimo	20	Recorte ROI
1947502_2011-01-19_RE2_3A_143485	RD_1947502_2011_01_19_RE2_3A_143485_ref	19N	18.314696	-71.840903	1481	rural	30	
1947503_2011-01-19_RE2_3A_143485	RD_1947503_2011_01_19_RE2_3A_143485_ref	19N	18.31833	-71.586903	418	rural	40	
1947504_2012-07-01_RE2_3A_143485	RD_1947504_2012_07_01_RE2_3A_143485_ref	19N	18.33635	-71.382361	9	marítimo	30	
1947505_2011-11-30_RE3_3A_143485	RD_1947505_2011_11_30_RE3_3A_143485_ref30	19N	18.33976	-71.154753	16	marítimo	30	
1947808_2012-06-03_RE3_3A_143485	RD_1947808_2012_06_03_RE3_3A_143485_ref	19N	18.985944	-70.446383	221	urbano	20	
1947909_2012-04-12_RE4_3A_143485	RD_1947909_2012_04_12_RE4_3A_143485_ref	19N	19.182753	-70.259432	46	marítimo	40	
1947910_2012-08-27_RE2_3A_143485	RD_1947910_2012_08_27_RE2_3A_143485_ref	19N	19.202555	-70.005142	70	rural	20	Oscura
1948009_2012-09-08_RE5_3A_145355	RD_1948009_2012_09_08_RE5_3A_145355_ref	19N	19.435957	-70.245774	444	rural	30	Recorte ROI

1947506_2012-07-02_RE4_3A_143485	RD_1947506_2012_07_02_RE4_3A_143485_ref	19N	18.334456	-70.930006	364	marítimo	30	
1947507_2012-05-16_RE4_3A_143485	RD_1947507_2012_05_16_RE4_3A_143485_ref	19N	18.407410	-70.746199	22	marítimo	20	
1947508_2012-04-19_RE1_3A_143485	RD_1947508_2012_04_19_RE1_3A_143485_ref	19N	18.340943	-70.469404	147	marítimo	20	
1947509_2011-10-21_RE1_3A_143485	RD_1947509_2011_10_21_RE1_3A_143485_ref	19N	18.352378	-70.229979	140	marítimo	40	
1947510_2011-02-24_RE1_3A_143485	RD_1947510_2011_02_24_RE1_3A_143485_ref	19N	18.369266	-70.088294	49	marítimo	20	
1947512_2012-03-03_RE2_3A_143485	RD_1947512_2012_03_03_RE2_3A_143485_ref	19N	18.423636	-69.528111	29	marítimo	20	
1947513_2012-05-27_RE1_3A_143485	RD_1947513_2012_05_27_RE1_3A_143485_ref	19N	18.434903	-69.336783	9	marítimo	20	
1947514_2012-05-27_RE1_3A_143485	RD_1947514_2012_05_27_RE1_3A_143485_ref	19N	18.419607	-69.089746	28	marítimo	20	
1947515_2012-08-29_RE5_3A_143485	RD_1947515_2012_08_29_RE5_3A_143485_ref	19N	18.392292	-68.796473	45	marítimo	30	
1947516_2012-01-03_RE4_3A_143485	RD_1947516_2012_01_03_RE4_3A_143485_ref	19N	18.346053	-68.647860	57	marítimo	30	
1947517_2011-10-30_RE1_3A_143485	RD_1947517_2011_10_30_RE1_3A_143485_ref	19N	18.422605	-68.475233	26	marítimo	30	
1947601_2012-02-23_RE2_3A_143485	RD_1947601_2012_02_23_RE2_3A_143485_ref	19N	18.609526	-71.975293	50	marítimo	20	
1947602_2012-09-01_RE2_3A_143485	RD_1947602_2012_09_01_RE2_3A_143485_ref	19N	18.591072	-71.865527	168	marítimo	30	
1947603_2011-01-04_RE2_3A_143485	RD_1947603_2011_01_04_RE2_3A_143485_ref	19N	18.586378	-71.609501	576	marítimo	30	
1947604_2012-04-16_RE3_3A_143485	RD_1947604_2012_04_16_RE3_3A_143485_ref	19N	18.541523	-71.377581	412	marítimo	30	
1947605_2012-03-08_RE2_3A_143485	RD_1947605_2012_03_08_RE2_3A_143485_ref	19N	18.541059	-71.158761	309	marítimo	30	
1947606_2012-06-03_RE3_3A_143485	RD_1947606_2012_06_03_RE3_3A_143485_ref	19N	18.558183	-70.919030	327	marítimo	30	
1947607_2012-06-03_RE3_3A_143485	RD_1947607_2012_06_03_RE3_3A_143485_ref	19N	18.564951	-70.680221	990	marítimo	20	
1947809_2012-08-27_RE2_3A_143485	RD_1947809_2012_08_27_RE2_3A_143485_ref	19N	19.002389	-70.262302	288	marítimo	20	Oscura
1947616_2011-10-30_RE1_3A_145355	RD_1947616_2011_10_30_RE1_3A_145355_ref	19N	18.558215	-68.635464	66	rural	20	Oscura
1947608_2012-06-03_RE3_3A_143485	RD_1947608_2012_06_03_RE3_3A_143485_ref	19N	18.544559	-70.480158	578	marítimo	20	Brillo excesivo
1947609_2011-02-24_RE1_3A_143485	RD_1947609_2011_02_24_RE1_3A_143485_ref	19N	18.550089	-70.235450	514	marítimo	60	
1947609_2011-11-23_RE1_3A_143485	RD_1947609_2011_11_23_RE1_3A_143485_ref	19N	18.548821	-70.248724	591	marítimo	60	
1947610_2011-02-24_RE1_3A_143485	RD_1947610_2011_02_24_RE1_3A_143485_ref	19N	18.563895	-70.009055	33	urbano	20	
1947611_2012-03-26_RE1_3A_143485	RD_1947611_2012_03_26_RE1_3A_143485_ref	19N	18.569929	-69.777542	17	urbano	30	
1947611_2012-04-07_RE4_3A_143485	RD_1947611_2012_04_07_RE4_3A_143485_ref	19N	18.563789	-69.800111	9	urbano	40	
1947612_2011-11-19_RE2_3A_143485	RD_1947612_2011_11_19_RE2_3A_143485_ref	19N	18.556662	-69.549409	32	marítimo	20	

1947613_2011-11-19_RE2_3A_143485	RD_1947613_2011_11_19_RE2_3A_143485_ref	19N	18.563302	-69.329616	37	marítimo	30	
1947613_2011-12-13_RE2_3A_143485	RD_1947613_2011_12_13_RE2_3A_143485_ref	19N	18.549091	-69.350983	23	marítimo	40	
1947614_2011-01-21_RE5_3A_143485	RD_1947614_2011_01_21_RE5_3A_143485_ref	19N	18.558661	-69.097532	74	marítimo	40	
1947615_2011-01-21_RE5_3A_143485	RD_1947615_2011_01_21_RE5_3A_143485_ref	19N	18.558948	-68.857389	51	marítimo	40	
1947616_2012-01-26_RE3_3A_143485	RD_1947616_2012_01_26_RE3_3A_143485_ref	19N	18.562931	-68.652961	70	marítimo	40	
1947617_2012-01-03_RE4_3A_143485	RD_1947617_2012_01_03_RE4_3A_143485_ref	19N	18.547263	-68.420873	12	marítimo	15	
1947702_2012-08-14_RE3_3A_143485	RD_1947702_2012_08_14_RE3_3A_143485_ref	19N	18.860913	-71.734095	415	rural	15	
1947703_2012-02-25_RE4_3A_143485	RD_1947703_2012_02_25_RE4_3A_143485_ref	19N	18.789980	-71.595470	812	rural	30	
1947704_2012-06-05_RE5_3A_143485	RD_1947704_2012_06_05_RE5_3A_143485_ref	19N	18.769154	-71.361675	936	rural	60	
1947705_2012-06-05_RE5_3A_143485	RD_1947705_2012_06_05_RE5_3A_143485_ref	19N	18.754503	-71.129073	410	marítimo	40	
1947706_2011-12-17_RE1_3A_143485	RD_1947706_2011_12_17_RE1_3A_143485_ref	19N	18.772351	-70.898281	816	marítimo	40	
1947810_2011-09-02_RE5_3A_143485	RD_1947810_2011_09_02_RE5_3A_143485_ref	19N	19.007038	-70.009129	131	marítimo	20	Brillo excesivo
1947416_2011-10-30_RE1_3A_145355	RD_1947416_2011_10_30_RE1_3A_145355_ref	19N	18.138201	-68.689256	1	marítimo	60	
1947707_2012-06-03_RE3_3A_143485	RD_1947707_2012_06_03_RE3_3A_143485_ref	19N	18.766889	-70.707141	2182	rural	40	
1947708_2012-06-03_RE3_3A_143485	RD_1947708_2012_06_03_RE3_3A_143485_ref	19N	18.767619	-70.479600	1158	rural	30	
1947709_2011-01-27_RE1_3A_143485	RD_1947709_2011_01_27_RE1_3A_143485_ref	19N	18.749441	-70.285717	718	rural	20	Oscura
1947709_2011-11-23_RE1_3A_143485	RD_1947709_2011_11_23_RE1_3A_143485_ref	19N	18.770312	-70.252265	252	rural	60	Oscura
1947710_2012-03-05_RE4_3A_143485	RD_1947710_2012_03_05_RE4_3A_143485_ref	19N	18.771458	-70.026238	82	rural	40	
1947711_2012-01-23_RE5_3A_143485	RD_1947711_2012_01_23_RE5_3A_143485_ref	19N	18.772697	-69.794809	38	marítimo	40	
1947712_2012-01-23_RE5_3A_143485	RD_1947712_2012_01_23_RE5_3A_143485_ref	19N	18.774134	-69.569599	75	marítimo	60	
1947713_2011-12-13_RE2_3A_143485	RD_1947713_2011_12_13_RE2_3A_143485_ref	19N	18.773303	-69.341717	114	rural	30	Oscura
1947714_2012-02-12_RE1_3A_143485	RD_1947714_2012_02_12_RE1_3A_143485_ref	19N	18.774223	-69.112944	83	rural	40	Oscura
1947715_2012-02-12_RE1_3A_143485	RD_1947715_2012_02_12_RE1_3A_143485_ref	19N	18.774034	-68.885430	153	rural	40	
1947716_2012-01-26_RE3_3A_143485	RD_1947716_2012_01_26_RE3_3A_143485_ref	19N	18.773486	-68.685026	32	marítimo	40	Recorte ROI
1947717_2012-05-01_RE4_3A_143485	RD_1947717_2012_05_01_RE4_3A_143485_ref	19N	18.701888	-68.503725	17	marítimo	40	Recorte ROI
1947802_2012-09-01_RE2_3A_143485	RD_1947802_2012_09_01_RE2_3A_143485_ref	19N	18.988612	-71.840343	219	marítimo	20	
1947803_2012-08-14_RE3_3A_143485	RD_1947803_2012_08_14_RE3_3A_143485_ref	19N	18.972918	-71.621652	413	marítimo	10	

1947805_2011-12-17_RE1_3A_143485	RD_1947805_2011_12_17_RE1_3A_143485_ref	19N	18.980042	-71.162466	1954	rural	40	
1947807_2012-07-02_RE4_3A_143485	RD_1947807_2012_07_02_RE4_3A_143485_ref	19N	18.984664	-70.710239	1555	rural	60	
1947814_2011-12-01_RE4_3A_143485	RD_1947814_2011_12_01_RE4_3A_143485_ref	19N	18.997015	-69.108638	6	marítimo	40	
1947815_2012-02-12_RE1_3A_143485	RD_1947815_2012_02_12_RE1_3A_143485_ref	19N	18.949165	-68.882964	34	marítimo	20	Recorte ROI
1947816_2012-01-26_RE3_3A_143485	RD_1947816_2012_01_26_RE3_3A_143485_ref	19N	18.917115	-68.728936	19	marítimo	20	Recorte ROI
1947902_2012-02-20_RE4_3A_143485	RD_1947902_2012_02_20_RE4_3A_143485_ref	19N	19.286369	-71.745058	635	marítimo	60	
1947903_2012-02-20_RE4_3A_143485	RD_1947903_2012_02_20_RE4_3A_143485_ref	19N	19.204513	-71.615031	591	marítimo	40	
1947904_2012-01-28_RE5_3A_143485	RD_1947904_2012_01_28_RE5_3A_143485_ref	19N	19.207178	-71.390390	1 079	rural	40	
1947905_2012-04-17_RE4_3A_143485	RD_1947905_2012_04_17_RE4_3A_143485_ref	19N	19.219410	-71.155275	1 474	rural	20	
1947906_2012-08-03_RE2_3A_143485	RD_1947906_2012_08_03_RE2_3A_143485_ref	19N	19.227034	-70.925208	794	rural	40	
1947907_2012-01-02_RE3_3A_143485	RD_1947907_2012_01_02_RE3_3A_143485_ref	19N	19.212498	-70.705600	712	marítimo	60	
1947908_2012-06-03_RE3_3A_143485	RD_1947908_2012_06_03_RE3_3A_143485_ref	19N	19.236224	-70.492914	92	marítimo	30	
1947812_2012-01-23_RE5_3A_143485	RD_1947812_2012_01_23_RE5_3A_143485_ref	19N	18.992875	-69.568624	274	marítimo	30	
1947911_2012-04-09_RE1_3A_143485	RD_1947911_2012_04_09_RE1_3A_143485_ref	19N	19.198695	-69.819401	15	marítimo	20	
1947912_2012-04-07_RE4_3A_143485	RD_1947912_2012_04_07_RE4_3A_143485_ref	19N	19.218294	-69.555377	22	marítimo	20	Recorte ROI
1947913_2012-04-07_RE4_3A_143485	RD_1947913_2012_04_07_RE4_3A_143485_ref	19N	19.203795	-69.355885	117	marítimo	20	Recorte ROI
1947914_2012-04-07_RE4_3A_143485	RD_1947914_2012_04_07_RE4_3A_143485_ref	19N	19.256013	-69.206338	58	marítimo	60	Recorte ROI
1948002_2012-02-20_RE4_3A_143485	RD_1948002_2012_02_20_RE4_3A_143485_ref	19N	19.298254	-71.73751	745	rural	40	
1948003_2012-02-20_RE4_3A_143485	RD_1948003_2012_02_20_RE4_3A_143485_ref	19N	19.414063	-71.618107	263	rural	20	
1948004_2012-02-28_RE2_3A_143485	RD_1948004_2012_02_28_RE2_3A_143485_ref	19N	19.410143	-71.399117	219	rural	40	
1948005_2012-06-05_RE5_3A_143485	RD_1948005_2012_06_05_RE5_3A_143485_ref	19N	19.414486	-71.171088	365	rural	20	
1948006_2012-08-18_RE3_3A_143485	RD_1948006_2012_08_18_RE3_3A_143485_ref	19N	19.418307	-70.941596	249	rural	40	
1948007_2012-06-03_RE3_3A_143485	RD_1948007_2012_06_03_RE3_3A_143485_ref	19N	19.418205	-70.71338	170	urbano	60	
1948008_2012-06-03_RE3_3A_143485	RD_1948008_2012_06_03_RE3_3A_143485_ref	19N	19.420825	-70.485047	232	marítimo	40	
1948009_2012-06-03_RE3_3A_143485	RD_1948009_2012_06_03_RE3_3A_143485_ref	19N	19.423151	-70.256884	438	marítimo	40	
1948010_2012-08-27_RE2_3A_143485	RD_1948010_2012_08_27_RE2_3A_143485_ref	19N	19.423864	-70.028759	26	marítimo	40	Recorte ROI
1948011_2012-04-09_RE1_3A_143485	RD_1948011_2012_04_09_RE1_3A_143485_ref	19N	19.378419	-69.884163	101	marítimo	40	Recorte ROI

1948012_2012-03-06_RE5_3A_143485	RD_1948012_2012_03_06_RE5_3A_143485_ref	19N	19.31906	-69.51771	10	marítimo	60	Recorte ROI
1948013_2012-09-02_RE4_3A_143485	RD_1948013_2012_09_02_RE4_3A_143485_ref	19N	19.32515	-69.283062	309	marítimo	50	Recorte ROI
1948014_2011-03-27_RE3_3A_143485	RD_1948014_2011_03_27_RE3_3A_143485_ref	19N	19.348754	-69.22719	57	marítimo	30	Recorte ROI
1948102_2012-04-06_RE2_3A_143485	RD_1948102_2012_04_06_RE2_3A_143485_ref	19N	19.698581	-71.752337	20	marítimo	20	
1947804_2012-08-29_RE4_3A_143485	RD_1947804_2012_08_29_RE4_3A_143485_ref	19N	18.977551	-71.392857	666	rural	40	
1947416_2011-09-11_RE5_3A_145355	RD_1947416_2011_09_11_RE5_3A_145355_ref	19N	18.149113	-68.703475	6	marítimo	20	
1947813_2012-09-02_RE4_3A_143485	RD_1947813_2012_09_02_RE4_3A_143485_ref	19N	18.988242	-69.325818	219	marítimo	30	
1948103_2012-04-06_RE2_3A_143485	RD_1948103_2012_04_06_RE2_3A_143485_ref	19N	19.634928	-71.630230	67	marítimo	60	
1948104_2012-01-28_RE5_3A_143485	RD_1948104_2012_01_28_RE5_3A_143485_ref	19N	19.639867	-71.383204	66	rural	60	
1948105_2012-08-29_RE4_3A_143485	RD_1948105_2012_08_29_RE4_3A_143485_ref	19N	19.635817	-71.159617	48	rural	30	
1948106_2012-08-29_RE4_3A_143485	RD_1948106_2012_08_29_RE4_3A_143485_ref	19N	19.636738	-70.918987	379	rural	20	
1948107_2012-05-16_RE4_3A_143485	RD_1948107_2012_05_16_RE4_3A_143485_ref	19N	19.654763	-70.700313	525	marítimo	20	
1948107_2012-06-03_RE3_3A_143485	RD_1948107_2012_06_03_RE3_3A_143485_ref	19N	19.632565	-70.934082	240	marítimo	30	Recorte ROI
1948107_2012-06-05_RE5_3A_143485	RD_1948107_2012_06_05_RE5_3A_143485_ref	19N	19.641005	-71.027291	89	marítimo	60	
1948108_2012-06-03_RE3_3A_143485	RD_1948108_2012_06_03_RE3_3A_143485_ref	19N	19.641844	-70.489108	142	marítimo	60	
1948109_2012-06-03_RE3_3A_143485	RD_1948109_2012_06_03_RE3_3A_143485_ref	19N	19.579120	-70.243455	112	marítimo	30	
1948110_2012-08-27_RE2_3A_143485	RD_1948110_2012_08_27_RE2_3A_143485_ref	19N	19.596582	-70.009139	191	marítimo	60	Recorte ROI
1948111_2012-08-27_RE2_3A_143485	RD_1948111_2012_08_27_RE2_3A_143485_ref	19N	19.597041	-69.901648	30	marítimo	60	Recorte ROI
1948202_2012-04-12_RE3_3A_143485	RD_1948202_2012_04_12_RE3_3A_143485_ref	19N	19.778797	-71.760438	2	marítimo	40	
1948203_2012-04-07_RE3_3A_143485	RD_1948203_2012_04_07_RE3_3A_143485_ref	19N	19.813082	-71.584231	17	marítimo	40	
1948204_2012-04-20_RE2_3A_143485	RD_1948204_2012_04_20_RE2_3A_143485_ref	19N	19.801501	-71.408323	165	marítimo	50	
1948205_2012-08-29_RE4_3A_143485	RD_1948205_2012_08_29_RE4_3A_143485_ref	19N	19.800545	-71.136887	120	marítimo	30	
1948206_2012-08-29_RE4_3A_143485	RD_1948206_2012_08_29_RE4_3A_143485_ref	19N	19.821592	-70.939094	67	marítimo	30	
1948207_2012-02-10_RE3_3A_143485	RD_1948207_2012_02_10_RE3_3A_143485_ref	19N	19.775716	-70.742138	148	marítimo	30	Recorte ROI
1948208_2012-08-15_RE5_3A_143485	RD_1948208_2012_08_15_RE5_3A_143485_ref	19N	19.764596	-70.475694	61	marítimo	50	
1947806_2012-08-03_RE2_3A_143485	RD_1947806_2012_08_03_RE2_3A_143485_ref	19N	18.988762	-70.924054	1533	rural	30	

